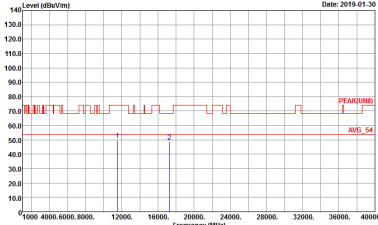
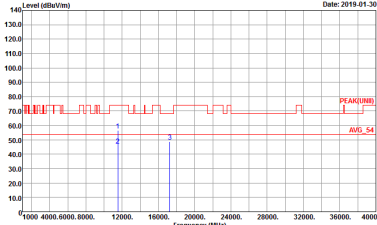
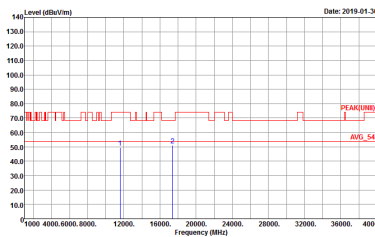
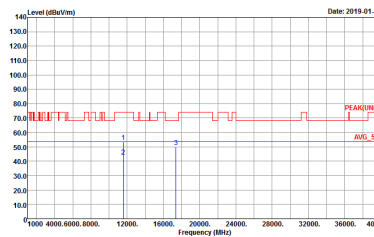


Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

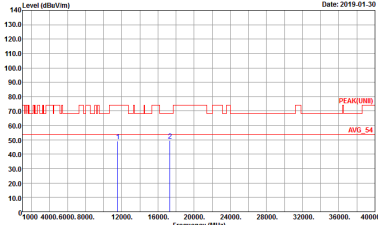
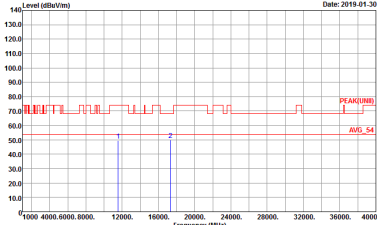
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p> Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 153 </p>	 <p> Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 153 </p>



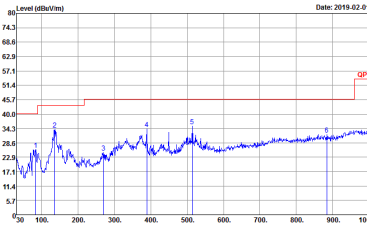
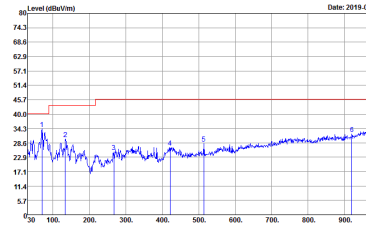
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH15-11Y Condition : PEAK(UNB) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 154</p></div>	<div><p>Site : 03CH15-11Y Condition : PEAK(UNB) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 154</p></div>



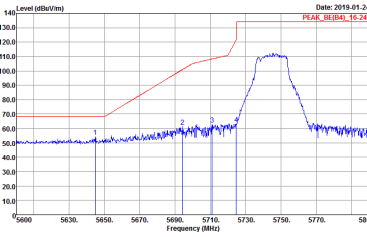
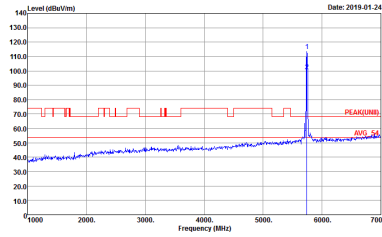
Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 155</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 155</p>

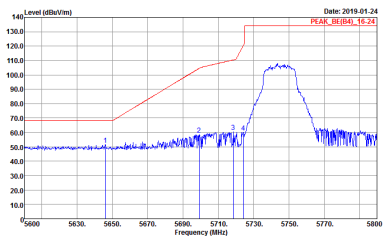
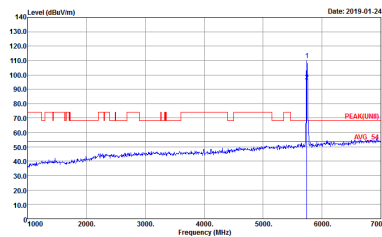
Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11a LF	
1+2	Horizontal	Vertical
QP / Peak	 <p> Site : 03CH15-HY Condition : QP 3m BIL06_16_47020 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 161 </p>	 <p> Site : 03CH15-HY Condition : QP 3m BIL06_16_47020 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 161 </p>

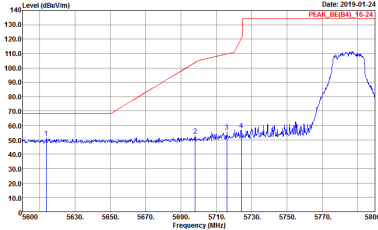
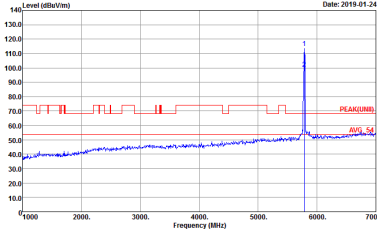
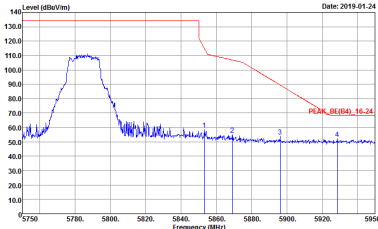
<TXBF Mode>
Band 4 - 5725~5850MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Fundamental
Peak	 <p> Site : 03CH15-44Y Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 108 </p>	 <p> Site : 03CH15-44Y Condition : PEAK(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 108 </p>

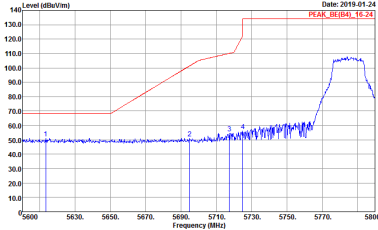
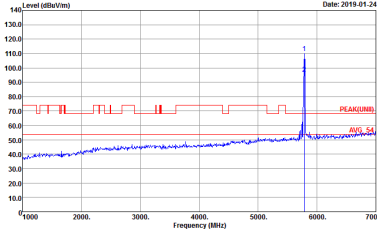
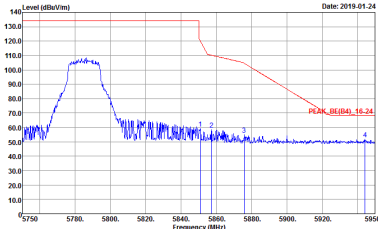


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Vertical	Fundamental
Peak Avg.	<div><p>Site : 03CH15-14Y Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8N0132-01 Mode : 108</p></div>	<div><p>Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8N0132-01 Mode : 108</p></div>

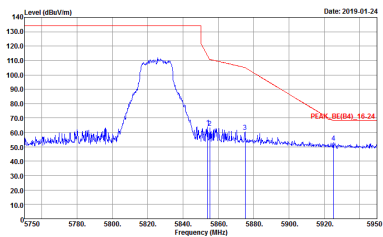
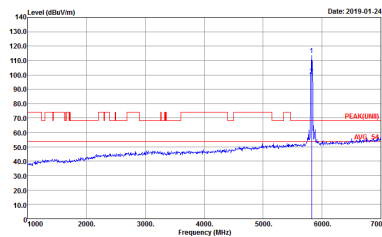


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	<div><p>Site : 03CH15-HY Condition : PEAK_BE(84)_16-24 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 109</p></div>	<div><p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 109</p></div>
Peak	<div><p>Site : 03CH15-HY Condition : PEAK_BE(84)_16-24 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 109</p></div>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	<div><p>Site : 03CH15-HY Condition : PEAK_BE(84)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 109</p></div>	<div><p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 109</p></div>
	<div><p>Site : 03CH15-HY Condition : PEAK_BE(84)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 109</p></div>	Left blank

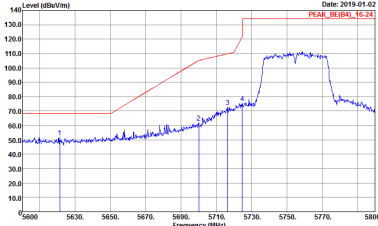
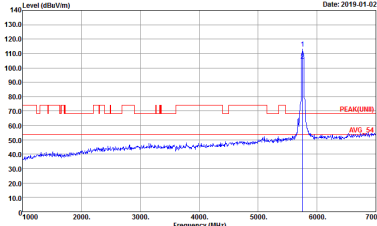
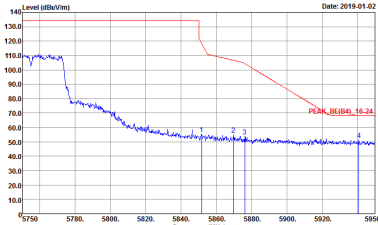


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	<div><p>Site : 03CH15-11Y Condition : PEAK(BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0132-01 Mode : 110</p></div>	<div><p>Site : 03CH15-11Y Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0132-01 Mode : 110</p></div>

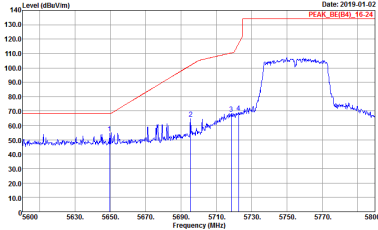
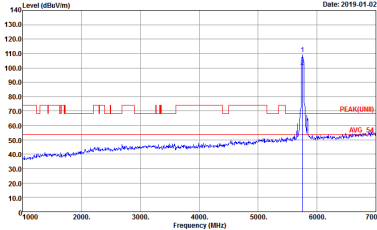
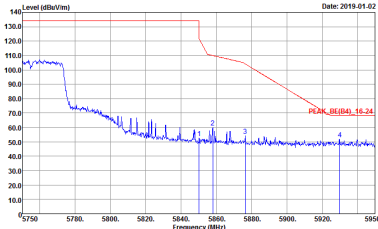


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak Avg.	<div><p>Level (dBuV/m)</p><p>Date: 2019-01-24</p><p>Frequency (MHz)</p><p>Site : 03CH15-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 8N0132-01 Mode : 110</p></div>	<div><p>Level (dBuV/m)</p><p>Date: 2019-01-24</p><p>Frequency (MHz)</p><p>Site : 03CH15-11Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 8N0132-01 Mode : 110</p></div>

Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Horizontal	Fundamental
Peak	 <p> Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8N0132-01 Mode : 111 Setting : 22 </p>	 <p> Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8N0132-01 Mode : 111 Setting : 22 </p>
Peak	 <p> Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8N0132-01 Mode : 111 Setting : 22 </p>	Left blank

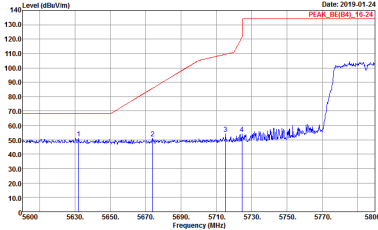
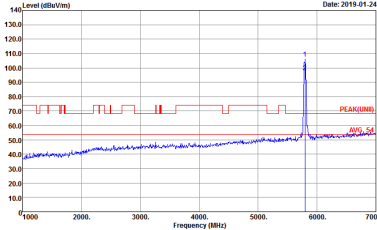
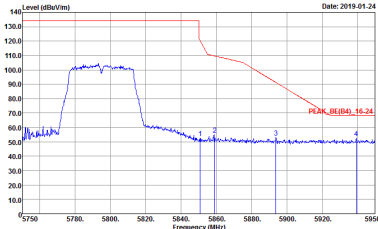


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Vertical	Fundamental
Peak	<div><p>Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 111 Setting : 22</p></div>	<div><p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 111 Setting : 22</p></div>
	<div><p>Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 111 Setting : 22</p></div>	Left blank

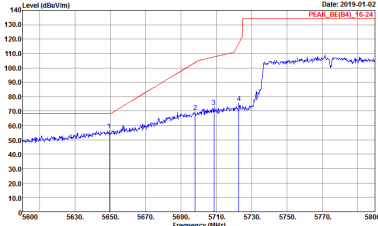
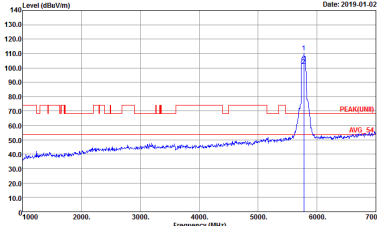
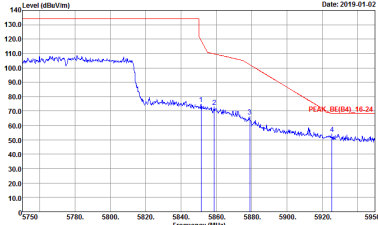


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	<div><p>Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 112</p></div>	<div><p>Site : 03CH15-HY Condition : PEAK(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 112</p></div>
	<div><p>Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 112</p></div>	Left blank

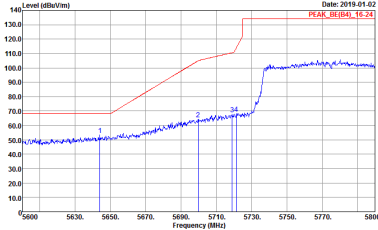
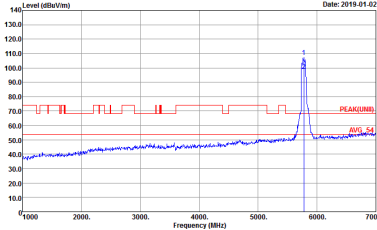
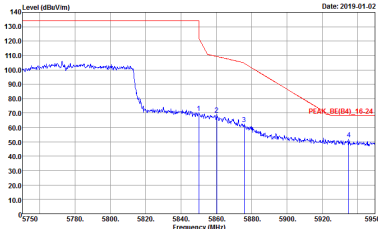


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	<div><p>Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 112</p></div>	<div><p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 112</p></div>
	<div><p>Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 112</p></div>	Left blank

Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8N0132-01 Mode : 113 Setting : 22</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8N0132-01 Mode : 113 Setting : 22</p>
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8N0132-01 Mode : 113 Setting : 22</p>	Left blank

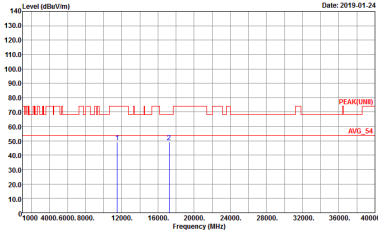
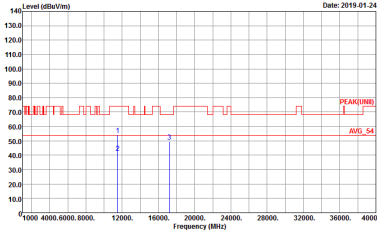


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Vertical	Fundamental
Peak	<div><p>Site : 03CH15-HY Condition : PEAK_BE(84)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 113 Setting : 22</p></div>	<div><p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 113 Setting : 22</p></div>
Peak	<div><p>Site : 03CH15-HY Condition : PEAK_BE(84)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 113 Setting : 22</p></div>	Left blank

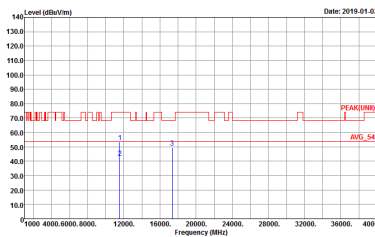
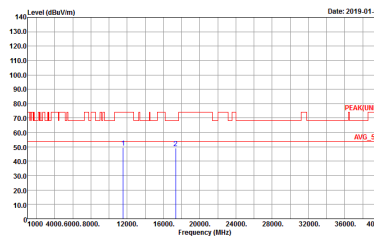


Band 4 - 5725~5850MHz

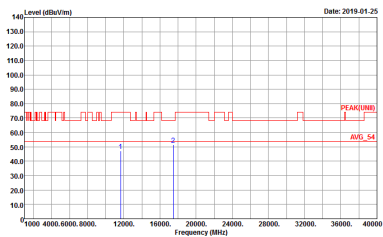
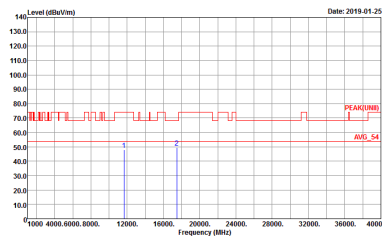
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 108</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 108</p>

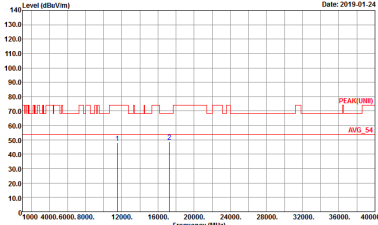
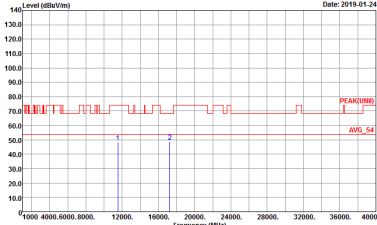


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 109 Setting : 22</p></div>	<div><p>Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 109 Setting : 22</p></div>

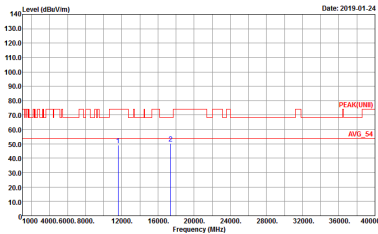
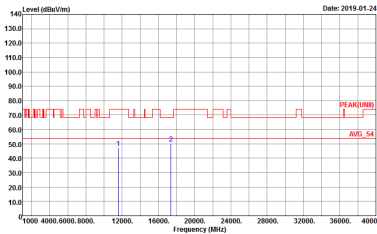


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132 Mode : 110</p></div>	<div><p>Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132 Mode : 110</p></div>

Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

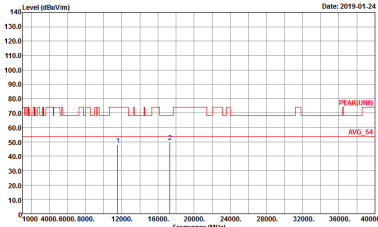

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p> Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 111 </p>	 <p> Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 111 </p>



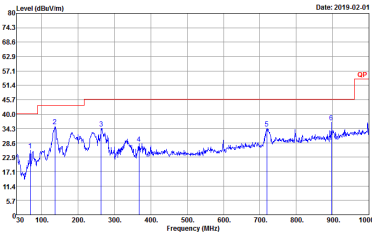
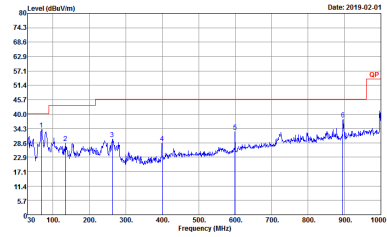
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 11Z</p>	 <p>Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 11Z</p>



Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 113</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 113</p>

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

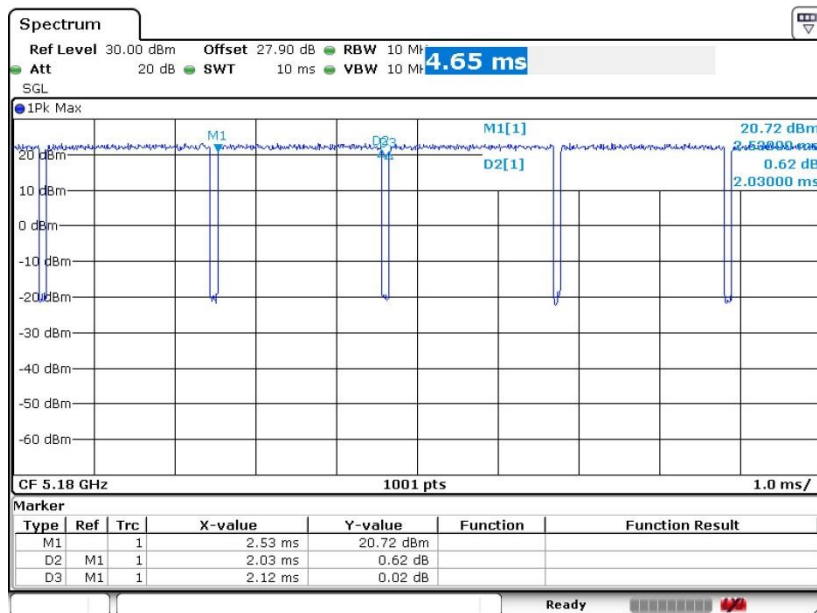
WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
1+2	Horizontal	Vertical
QP / Peak	 <p> Site : 03CH15-HY Condition : QP 3m BIL06_16_47020 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 163 </p>	 <p> Site : 03CH15-HY Condition : QP 3m BIL06_16_47020 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 163 </p>

Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor (dB)
1	802.11a	95.75	2030.00	0.49	1kHz	0.19
2	802.11a	95.31	2030.00	0.49	1kHz	0.21
1+2	802.11a for Ant. 1	95.77	2040.00	0.49	1kHz	0.19
1+2	802.11a for Ant. 2	95.33	2040.00	0.49	1kHz	0.21
1	5GHz 802.11n HT20	95.45	1890.00	0.53	1kHz	0.20
2	5GHz 802.11n HT20	95.43	1880.00	0.53	1kHz	0.20
1+2	5GHz 802.11n HT20 for Ant. 1	94.97	1890.00	0.53	1kHz	0.22
1+2	5GHz 802.11n HT20 for Ant. 2	95.70	1890.00	0.53	1kHz	0.19
1	5GHz 802.11n HT40	92.04	925.00	1.08	3kHz	0.36
2	5GHz 802.11n HT40	91.13	925.00	1.08	3kHz	0.40
1+2	5GHz 802.11n HT40 for Ant. 1	91.54	920.00	1.09	3kHz	0.38
1+2	5GHz 802.11n HT40 for Ant. 2	90.73	930.00	1.08	3kHz	0.42
1	5GHz 802.11ac VHT20	95.48	1900.00	0.53	1kHz	0.20
2	5GHz 802.11ac VHT20	95.48	1900.00	0.53	1kHz	0.20
1+2	5GHz 802.11ac VHT20 for Ant. 1	94.74	1890.00	0.53	1kHz	0.23
1+2	5GHz 802.11ac VHT20 for Ant. 2	95.50	1910.00	0.52	1kHz	0.20
1	5GHz 802.11ac VHT40	92.12	935.00	1.07	3kHz	0.36
2	5GHz 802.11ac VHT40	91.22	935.00	1.07	3kHz	0.40
1+2	5GHz 802.11ac VHT40 for Ant. 1	90.82	940.00	1.06	3kHz	0.42
1+2	5GHz 802.11ac VHT40 for Ant. 2	91.75	945.00	1.06	3kHz	0.37
1	5GHz 802.11ac VHT80	85.71	456.00	2.19	3kHz	0.67
2	5GHz 802.11ac VHT80	85.39	456.00	2.19	3kHz	0.69
1+2	5GHz 802.11ac VHT80 for Ant. 1	85.07	456.00	2.19	3kHz	0.70
1+2	5GHz 802.11ac VHT80 for Ant. 2	85.71	456.00	2.19	3kHz	0.67

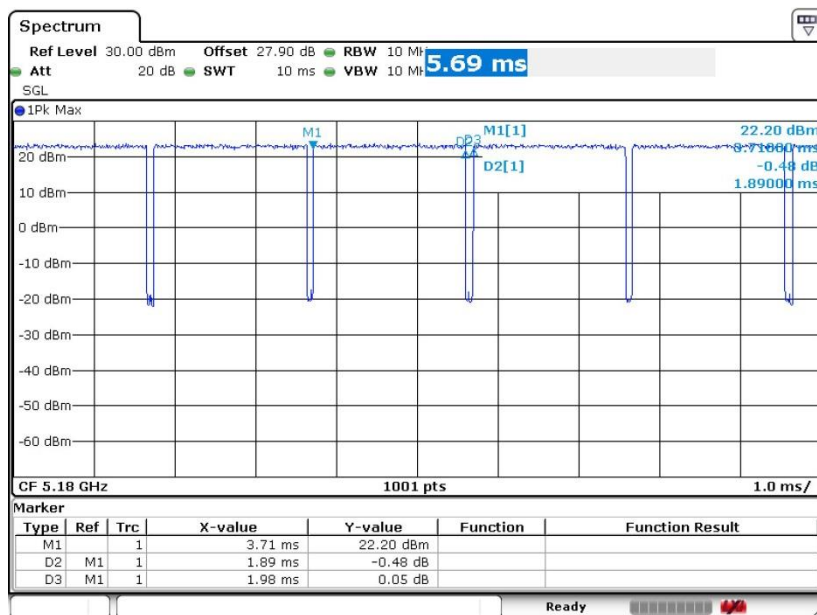
<Ant. 1>

802.11a



Date: 8.NOV.2018 21:40:07

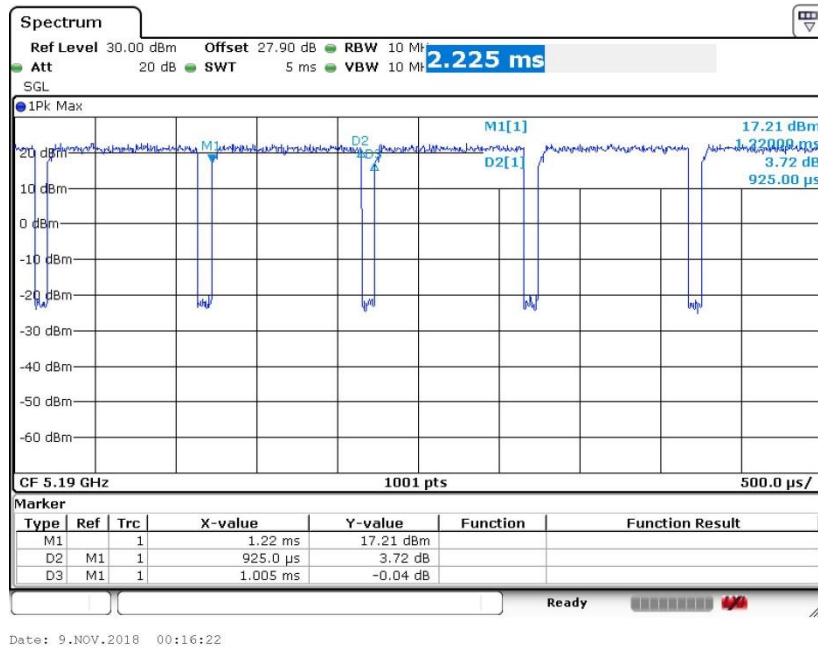
802.11n HT20



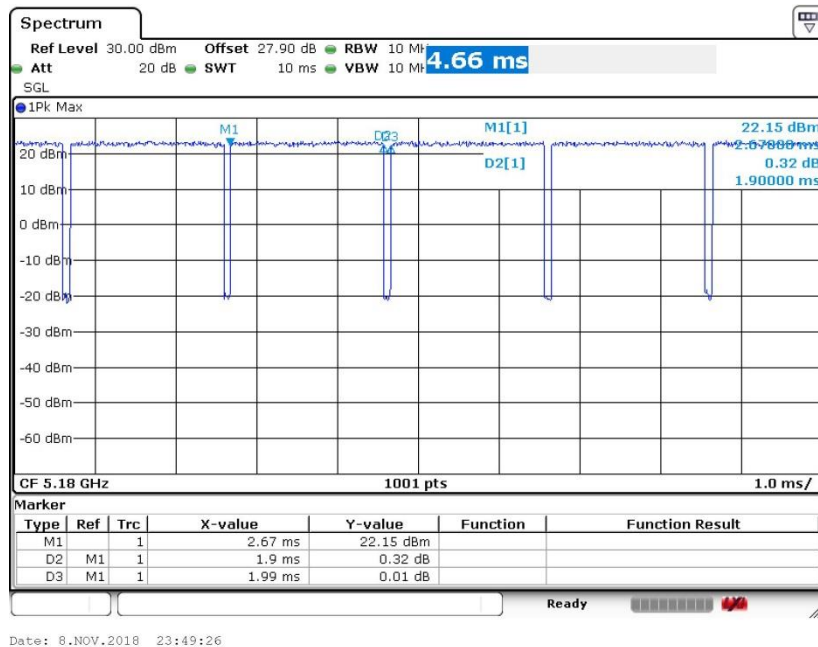
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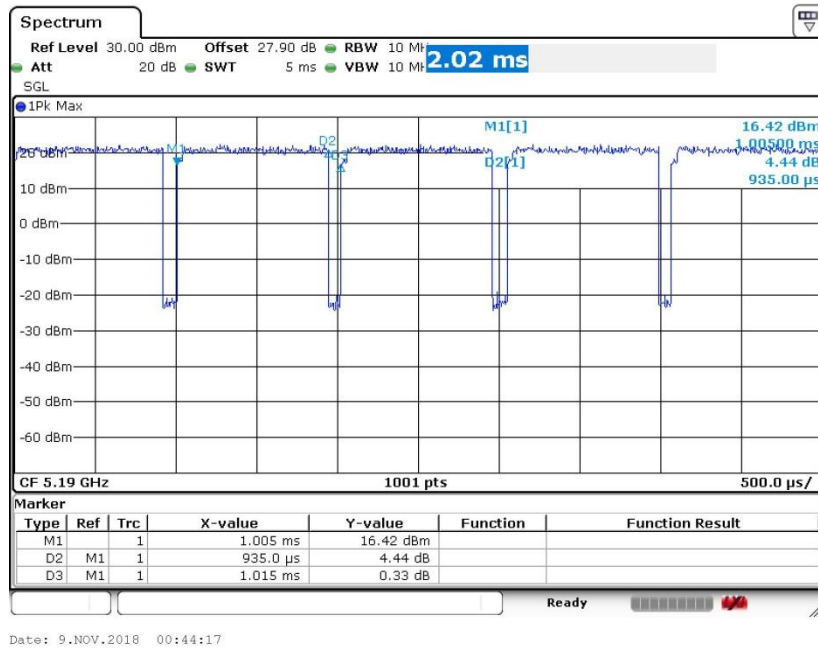
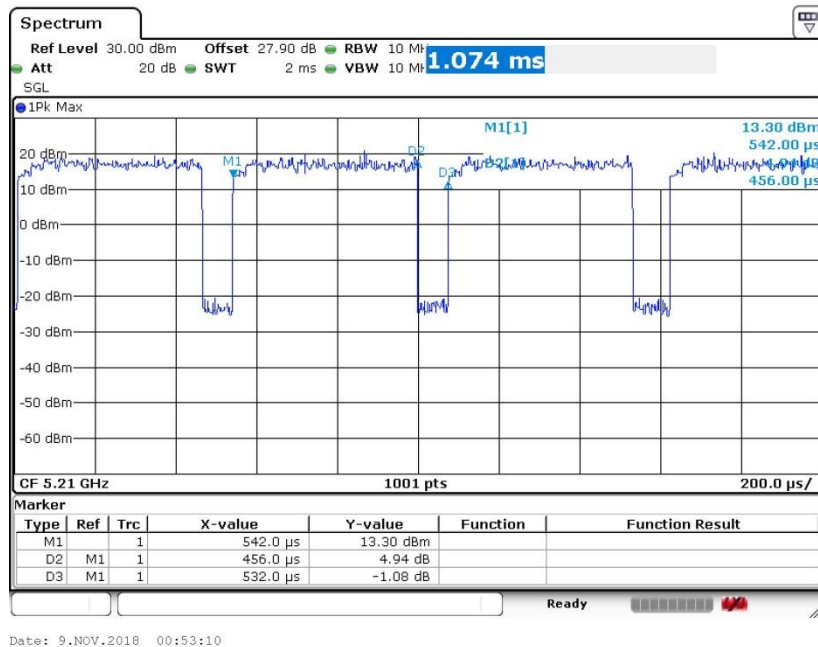


802.11n HT40



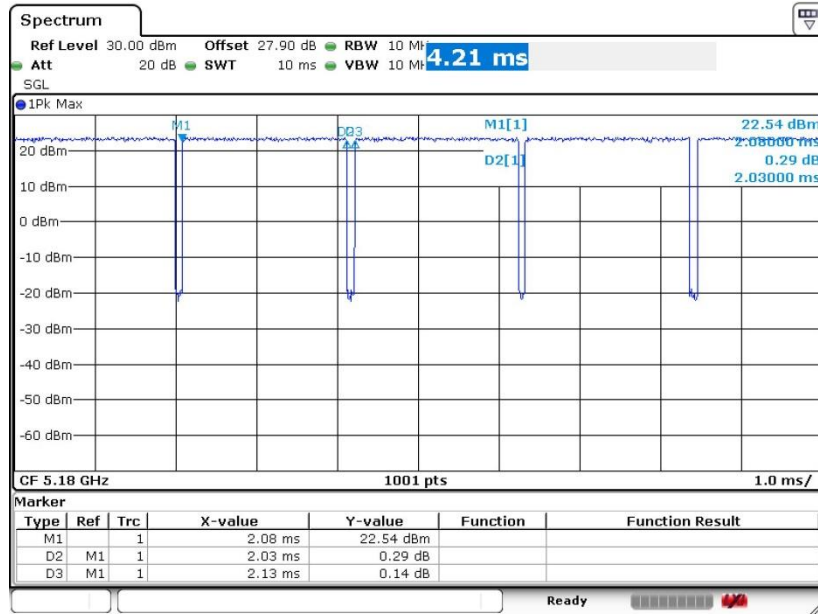
802.11ac VHT20



**802.11ac VHT40****802.11ac VHT80**

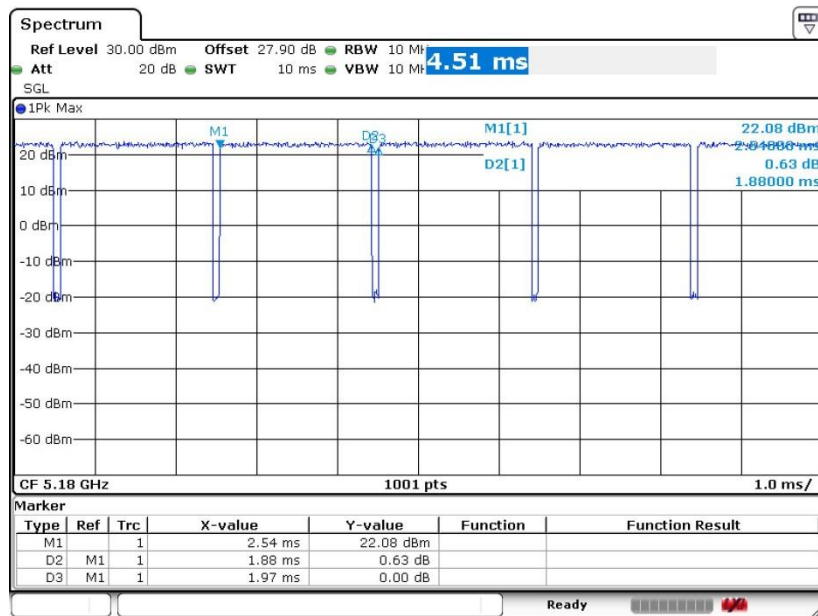
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802.11a



Date: 8.NOV.2018 22:47:59

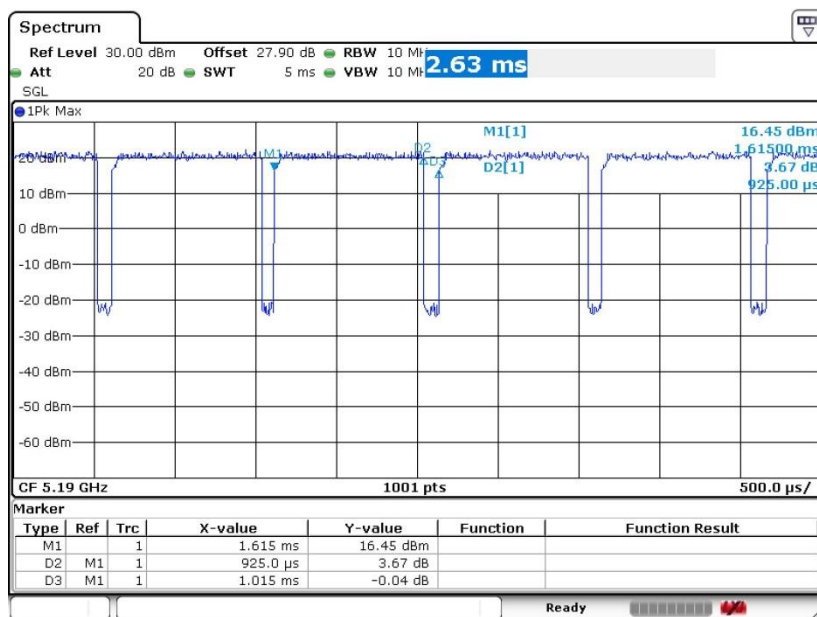
802.11n HT20



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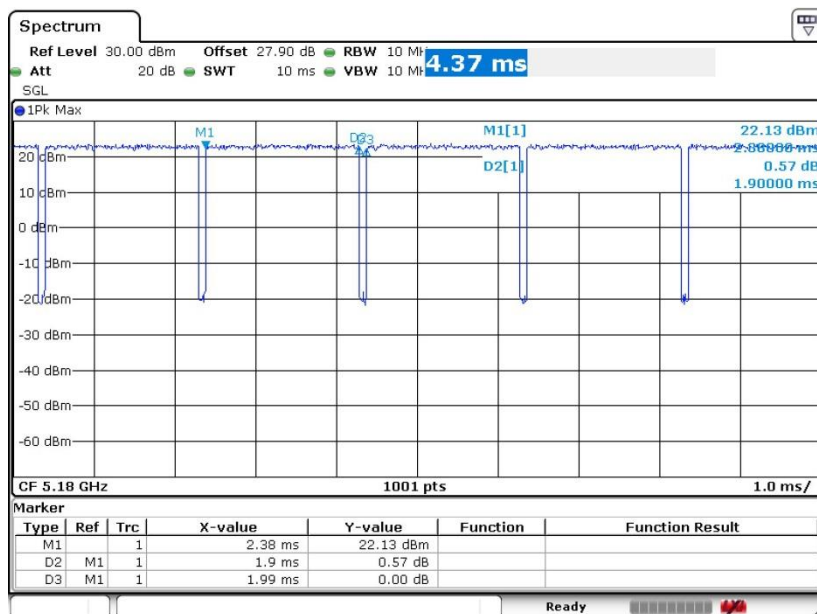


802.11n HT40



Date: 9.NOV.2018 00:35:52

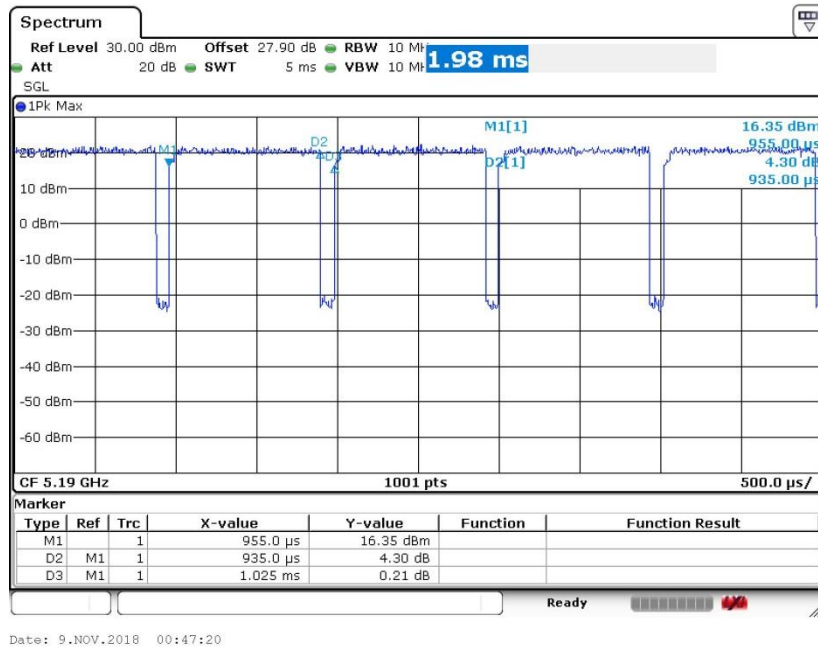
802.11ac VHT20



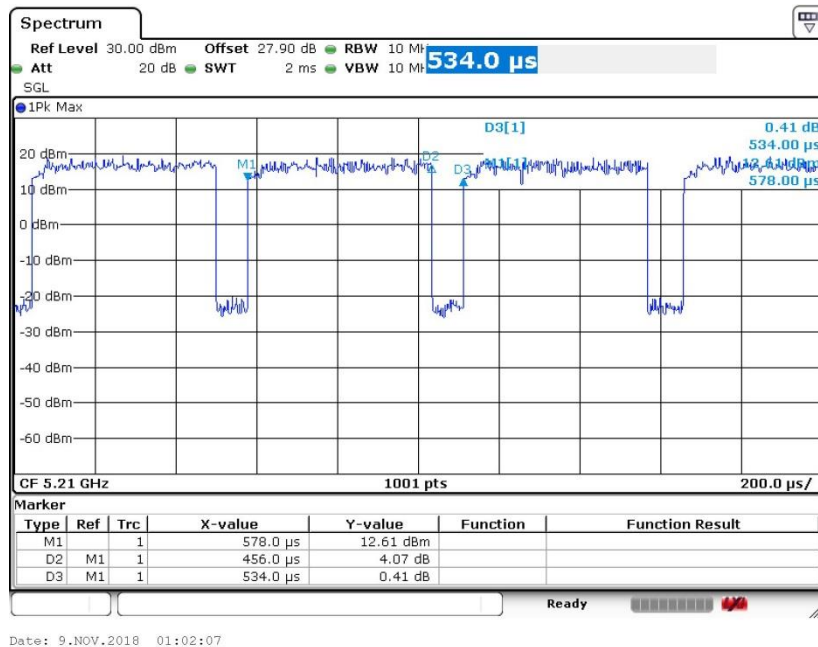
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802.11ac VHT40

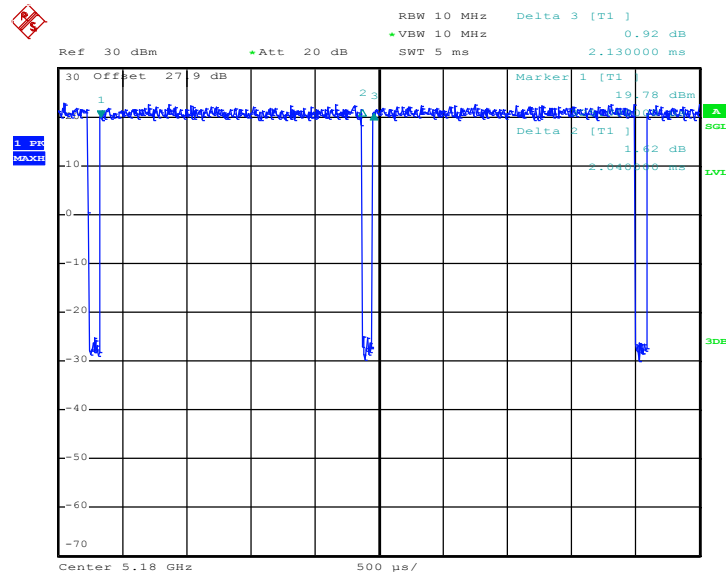


802.11ac VHT80



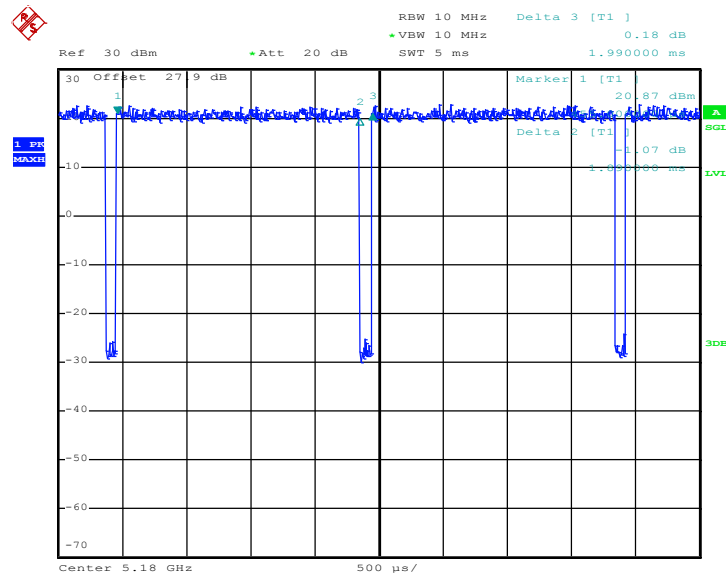
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802.11a



Date: 7.NOV.2018 20:19:38

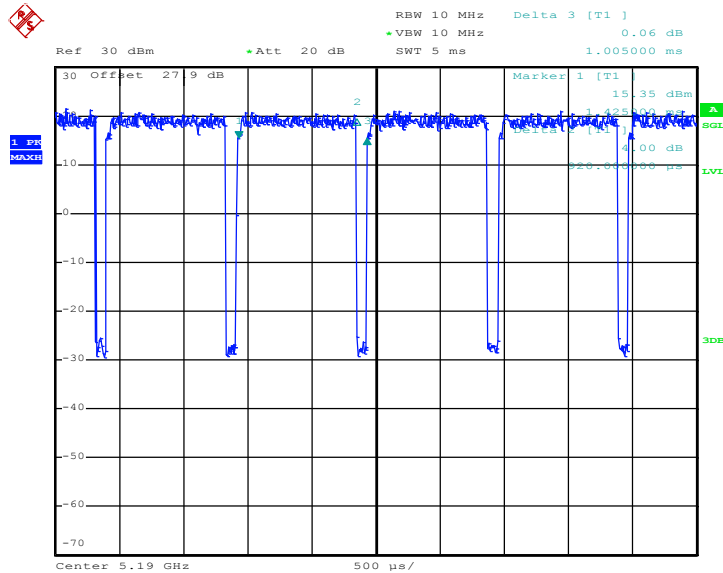
802.11n HT20



Date: 7.NOV.2018 21:14:01

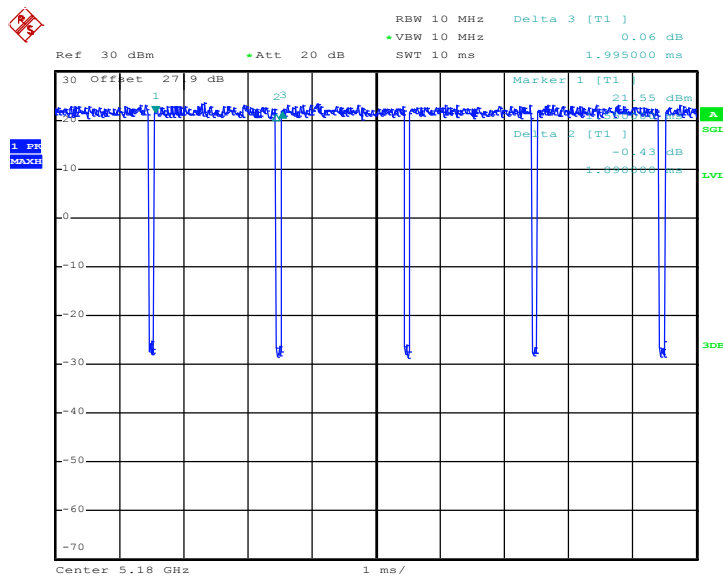


802.11n HT40



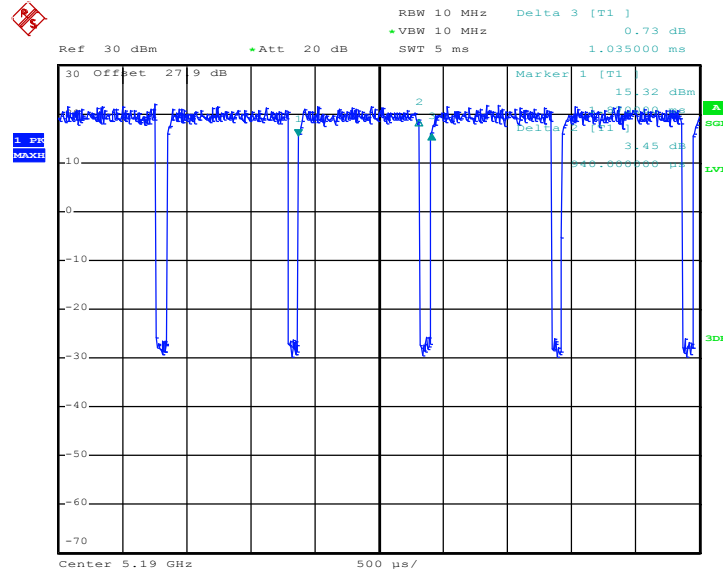
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802.11ac VHT20



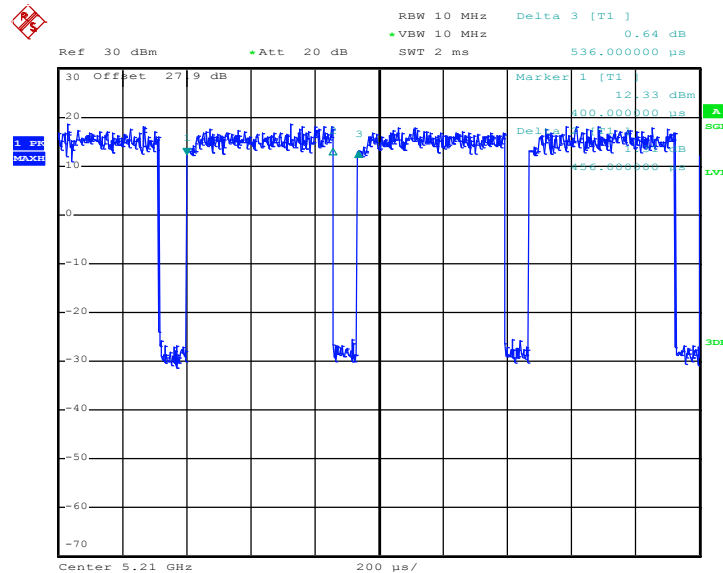
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802.11ac VHT40



Date: 7.NOV.2018 23:47:29

802.11ac VHT80

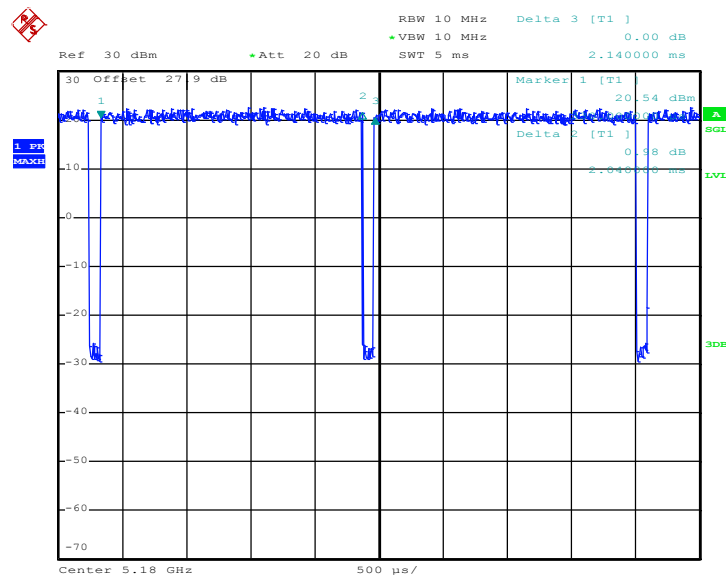


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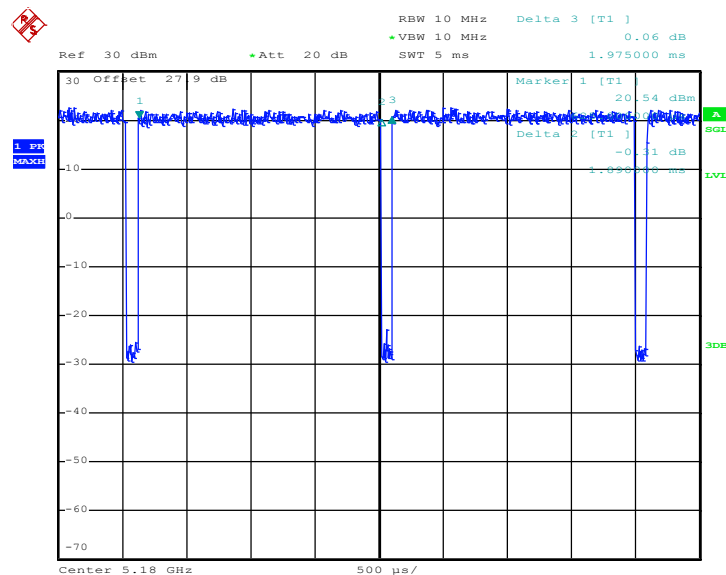
MIMO <Ant. 2>

802.11a



Date: 7.NOV.2018 20:21:20

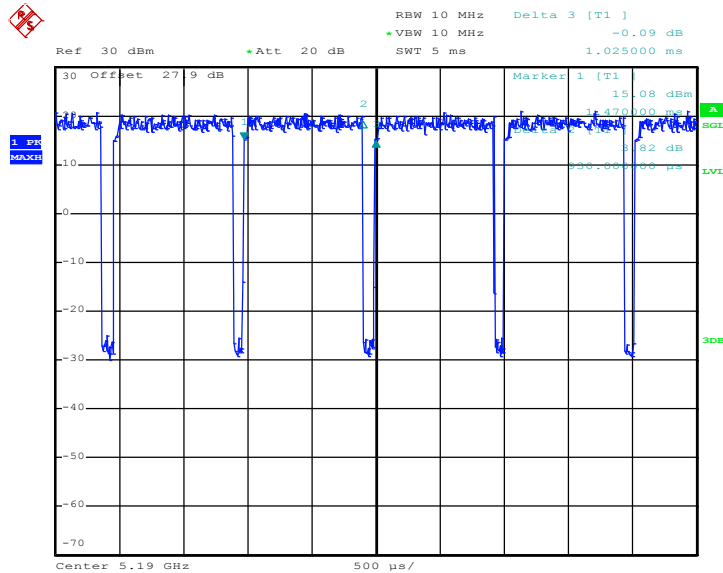
802.11n HT20



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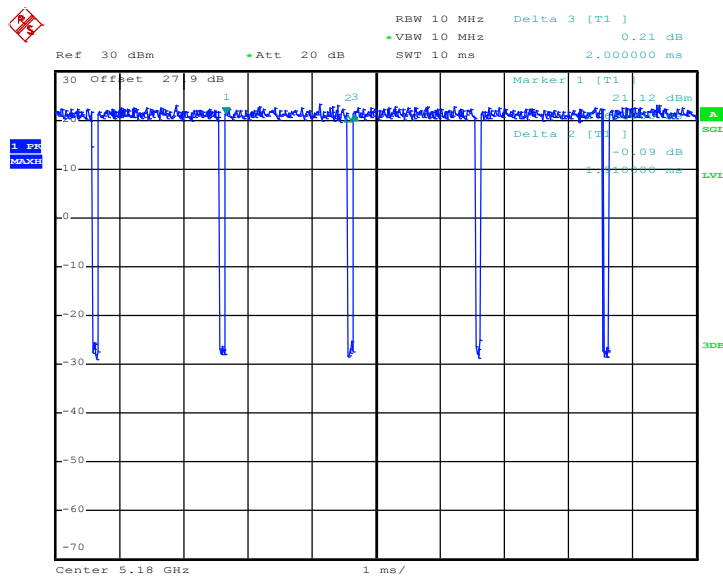


802.11n HT40



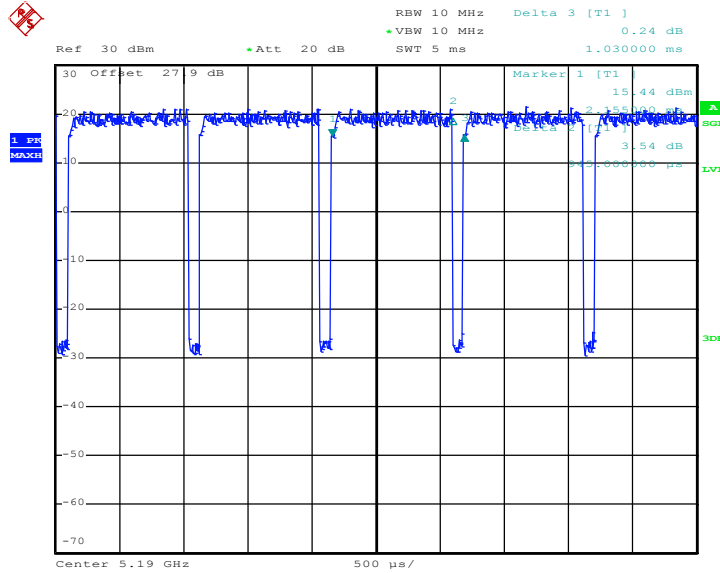
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802.11ac VHT20



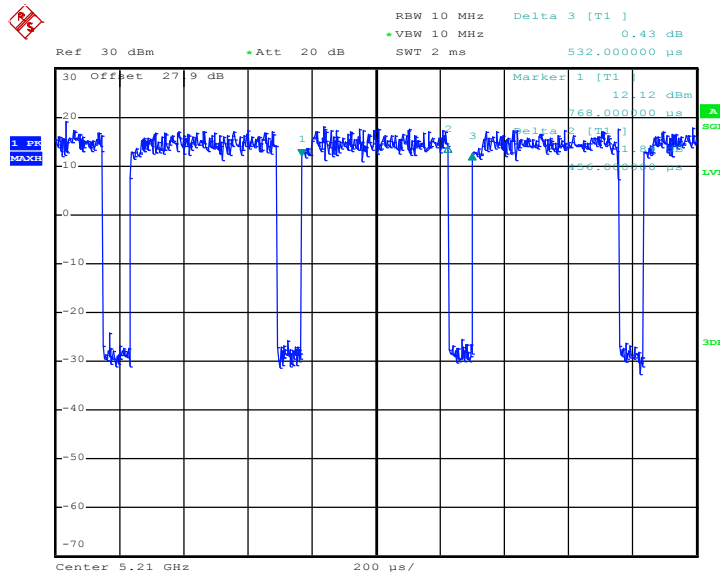
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802.11ac VHT40



Date: 7.NOV.2018 23:48:07

802.11ac VHT80



Date: 8.NOV.2018 00:08:20