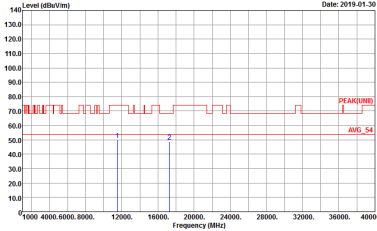
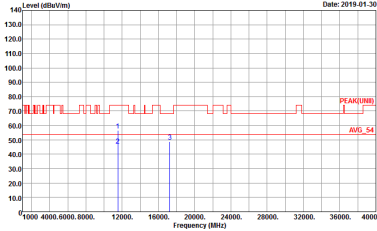
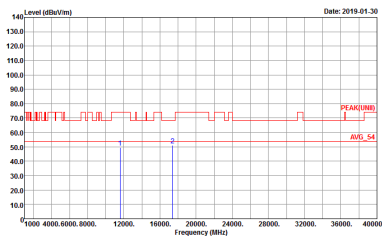
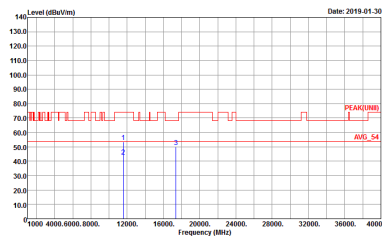


Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

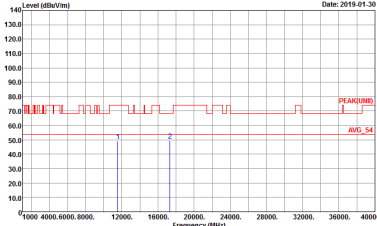
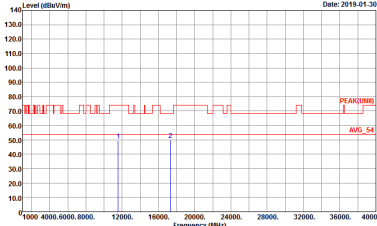
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 153	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak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



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



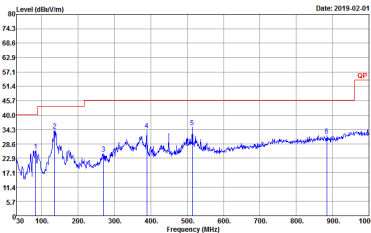
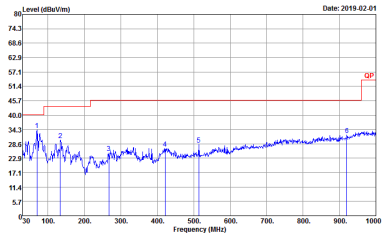
Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

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



Emission below 1GHz

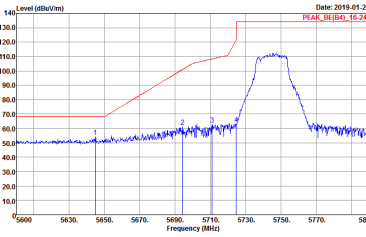
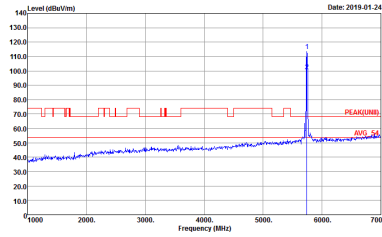
5GHz WIFI 802.11a (LF)

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

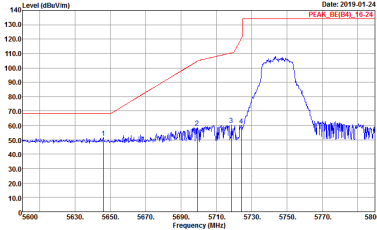
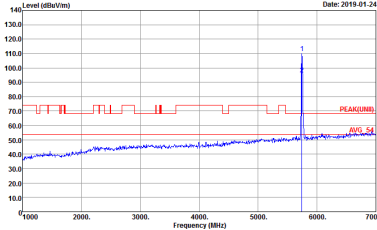
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Band 4 - 5725~5850MHz

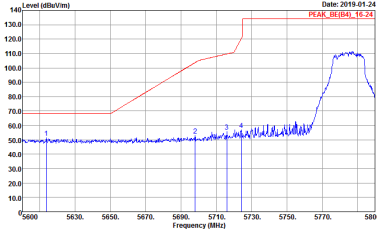
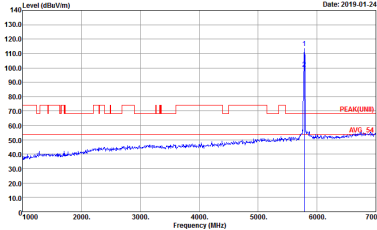
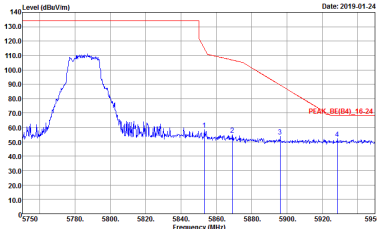
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Fundamental
Peak	 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	 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

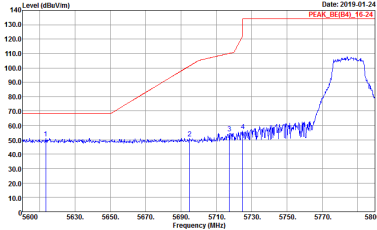
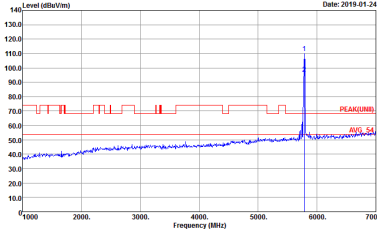
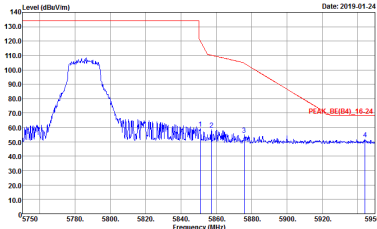


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Vertical	Fundamental
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 108	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector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

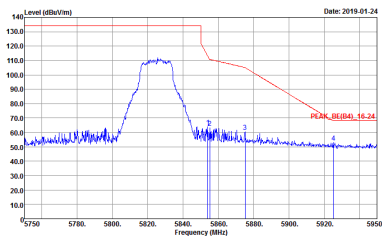
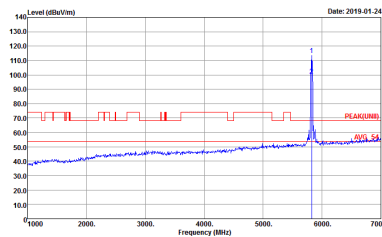


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 109	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 109
Peak	 Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 109	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(04)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 109	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 109
	 Site : 03CH15-HY Condition : PEAK_BE(04)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 109	Left blank

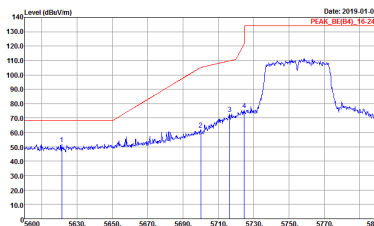
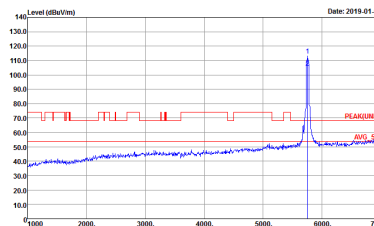
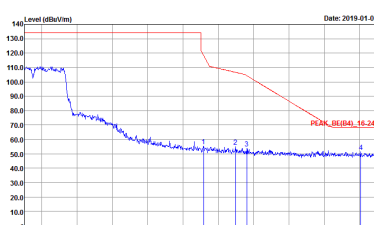


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0132-01 Mode : 110	 Site : 03CH15-11Y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

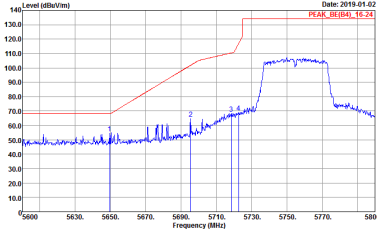
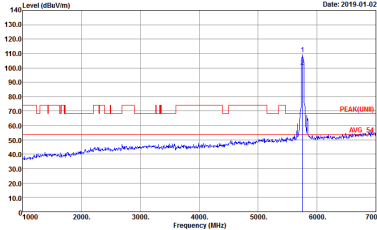
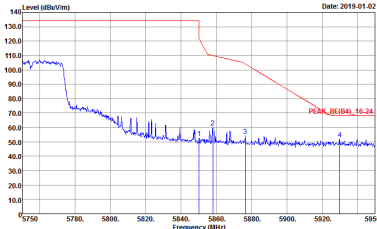


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak Avg.	Level (dBuV/m) 140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0 5750 5780 5800 5820 5840 5860 5880 5900 5920 5950 Frequency (MHz) Date: 2019-01-24 PEAK_BE(B4)_16-24 Site : 03CH15-11Y Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 110	Level (dBuV/m) 140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0 1000 2000 3000 4000 5000 6000 7000 Frequency (MHz) Date: 2019-01-24 PEAK(B4)_16-24 Site : 03CH15-11Y Condition : PEAK(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 110

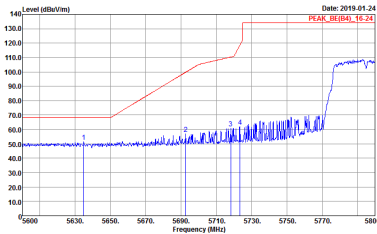
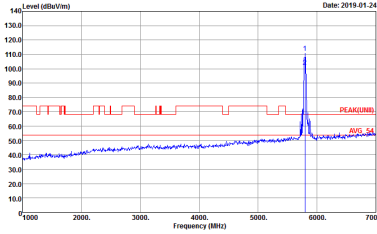
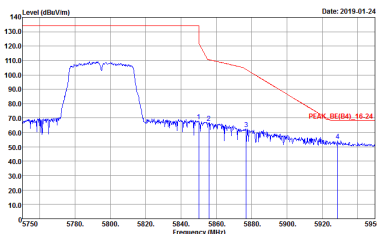
Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

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

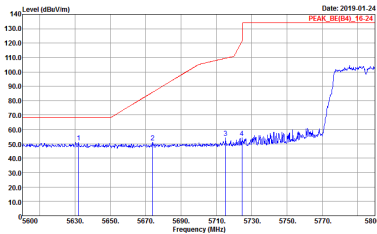
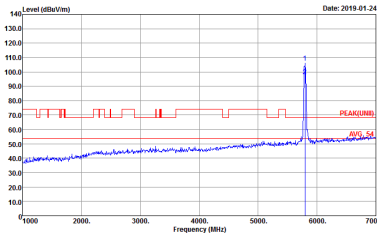
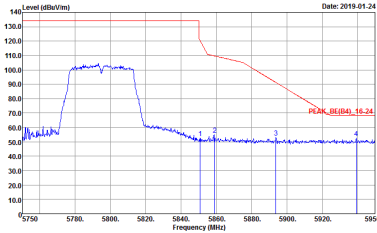


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 111 Setting : 22	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL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



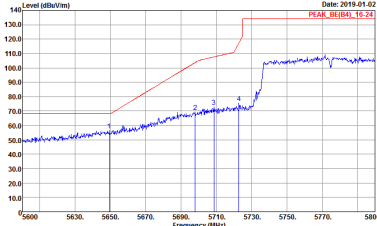
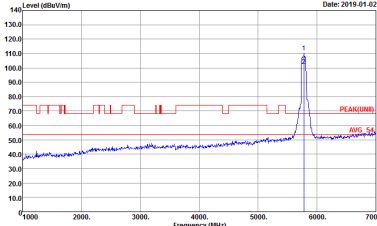
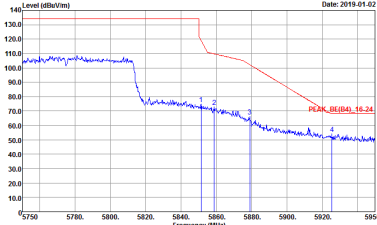
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 112	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector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



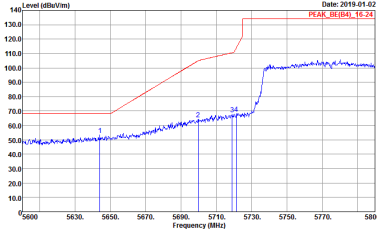
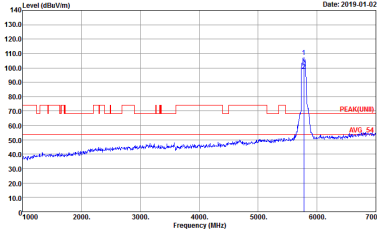
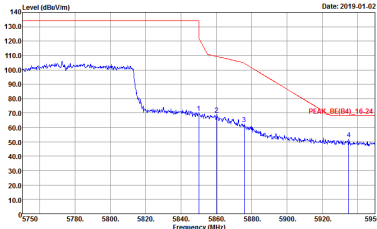
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 112	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector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

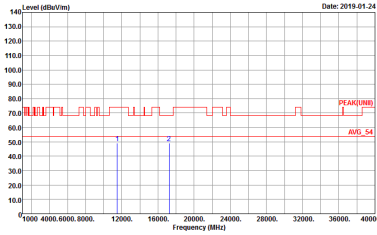
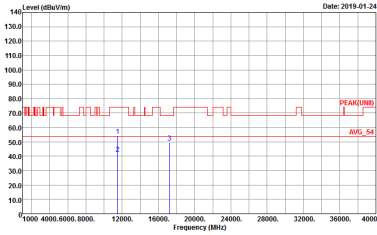


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 113 Setting : 22	 Site : 03CH15-HY Condition : PEAK(FUND) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 113 Setting : 22
	 Site : 03CH15-HY Condition : PEAK_BE(B4)_16-24 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 113 Setting : 22	Left blank

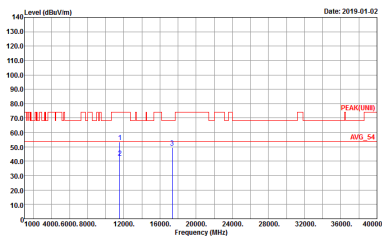
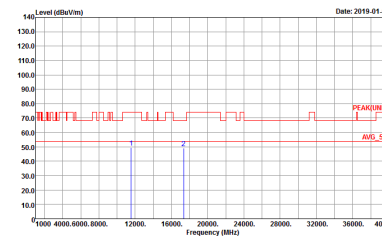


Band 4 - 5725~5850MHz

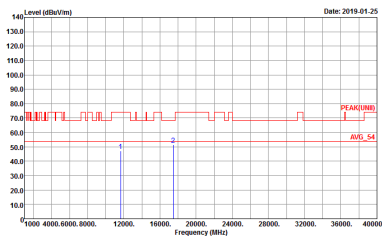
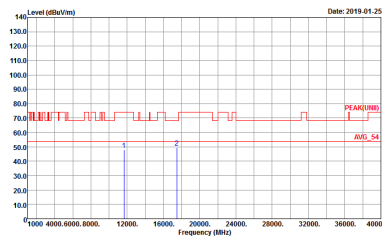
WIFI 802.11ac VHT20 (Harmonic @ 3m)

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



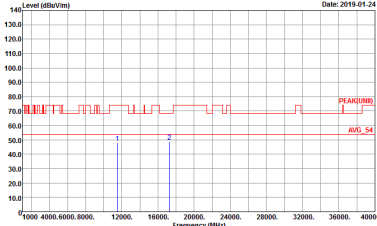
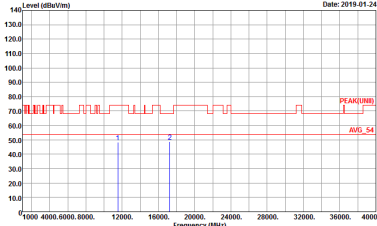
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 109 Setting : 22	 Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL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



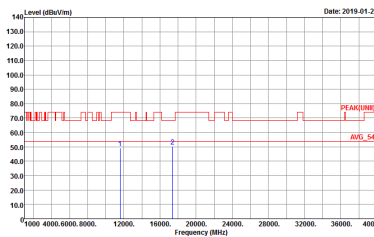
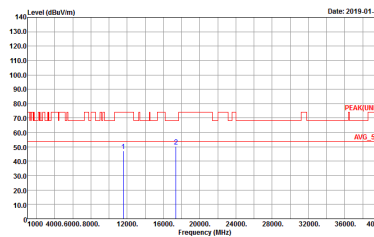
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132 Mode : 110	 Site : 03CH15-11Y Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector :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



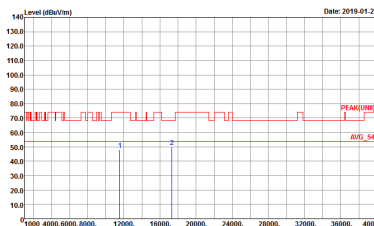
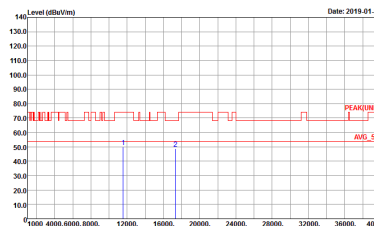
Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

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

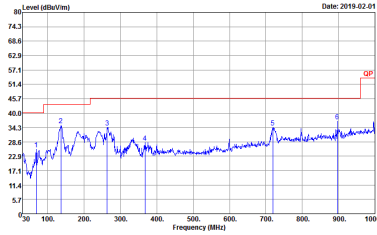
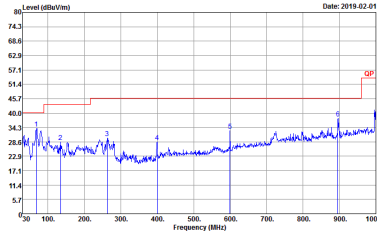


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 11Z	 Site : 03CH15-14Y Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 11Z

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.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 113	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 113

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

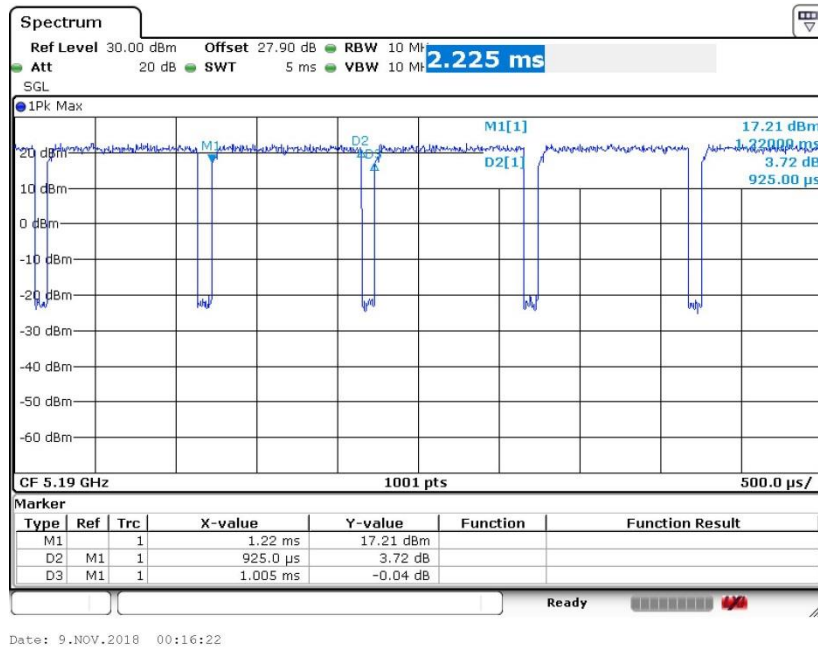
WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH15-HY Condition : QP 3m BIL06_16_47020 HORIZONTAL Detector : Peak Project : 8N0132-01 Mode : 163	 Site : 03CH15-HY Condition : QP 3m BIL06_16_47020 VERTICAL Detector : Peak Project : 8N0132-01 Mode : 163

Appendix D. Duty Cycle Plots

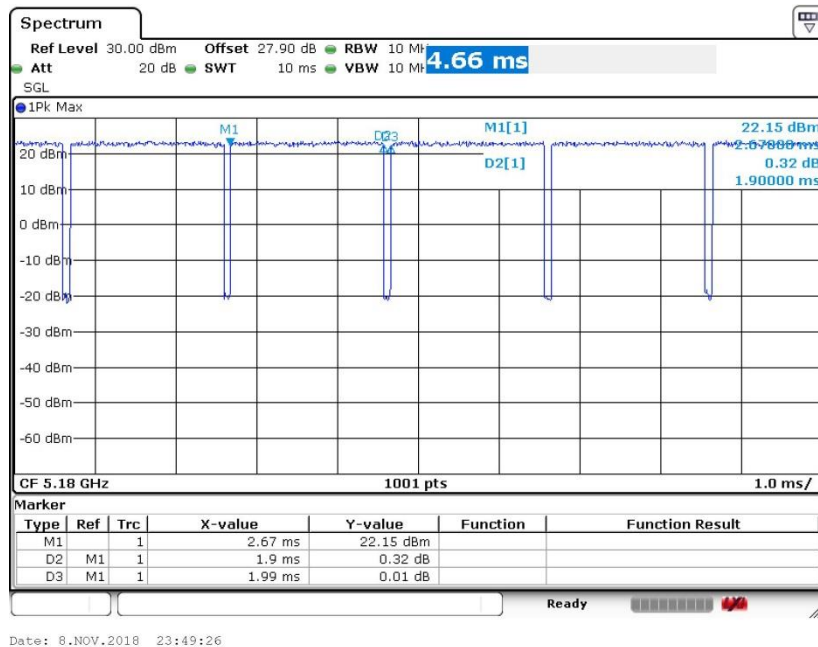
Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor (dB)
1	802.11a	95.75	2030.00	0.49	1kHz	0.19
2	802.11a	95.31	2030.00	0.49	1kHz	0.21
1+2	802.11a for Ant. 1	95.77	2040.00	0.49	1kHz	0.19
1+2	802.11a for Ant. 2	95.33	2040.00	0.49	1kHz	0.21
1	5GHz 802.11n HT20	95.45	1890.00	0.53	1kHz	0.20
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



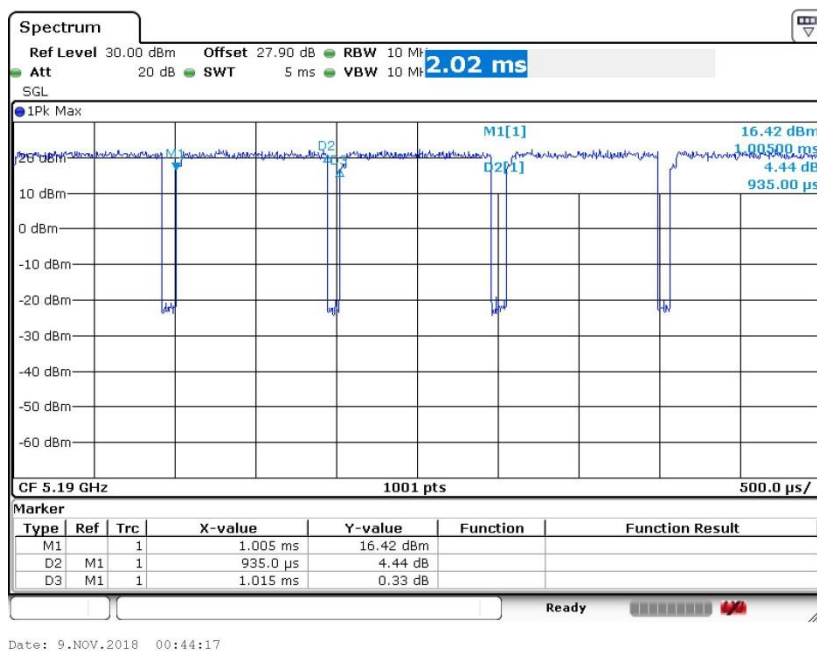
802.11n HT40



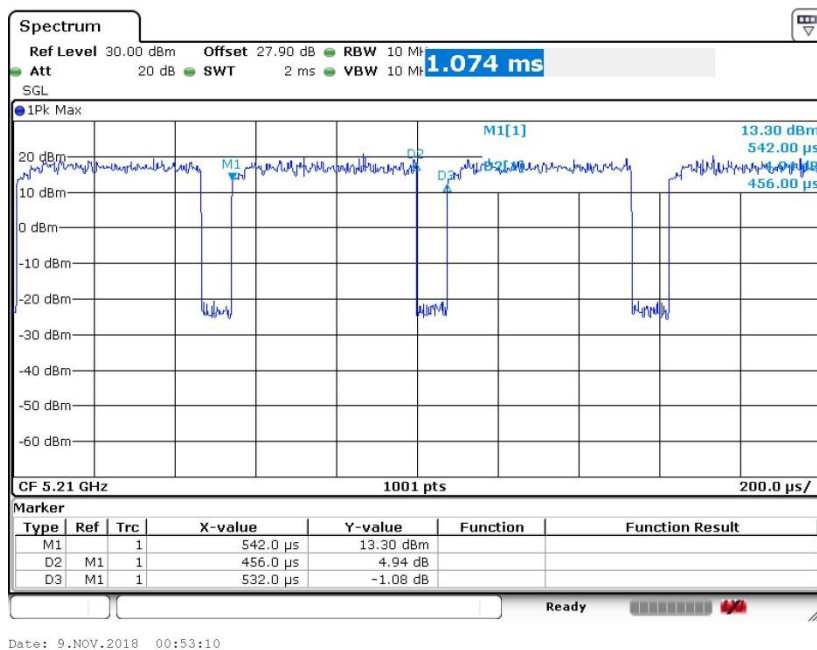
802.11ac VHT20



802.11ac VHT40

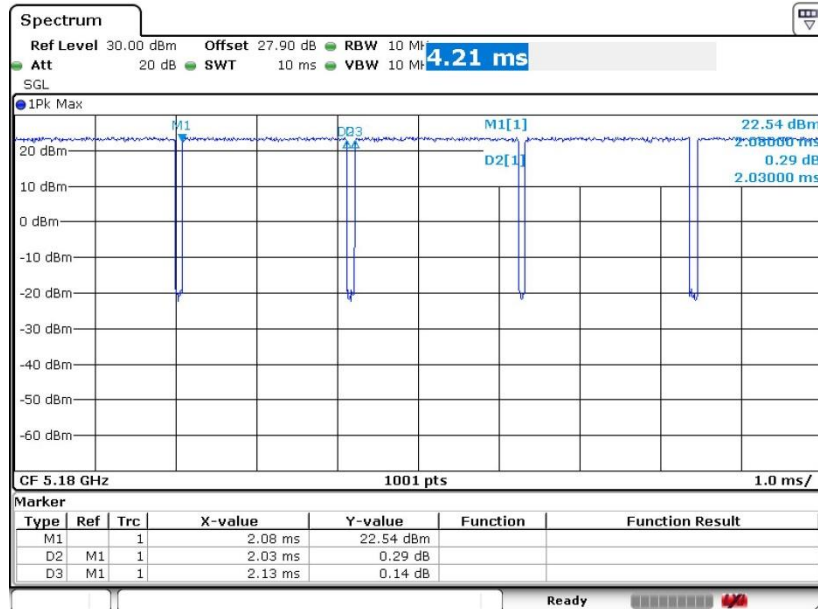


802.11ac VHT80



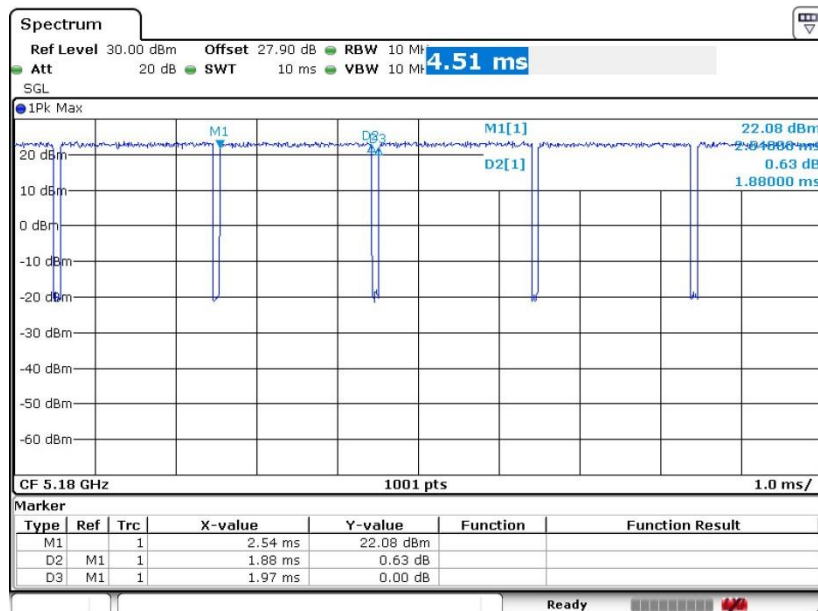
<Ant. 2>

802.11a



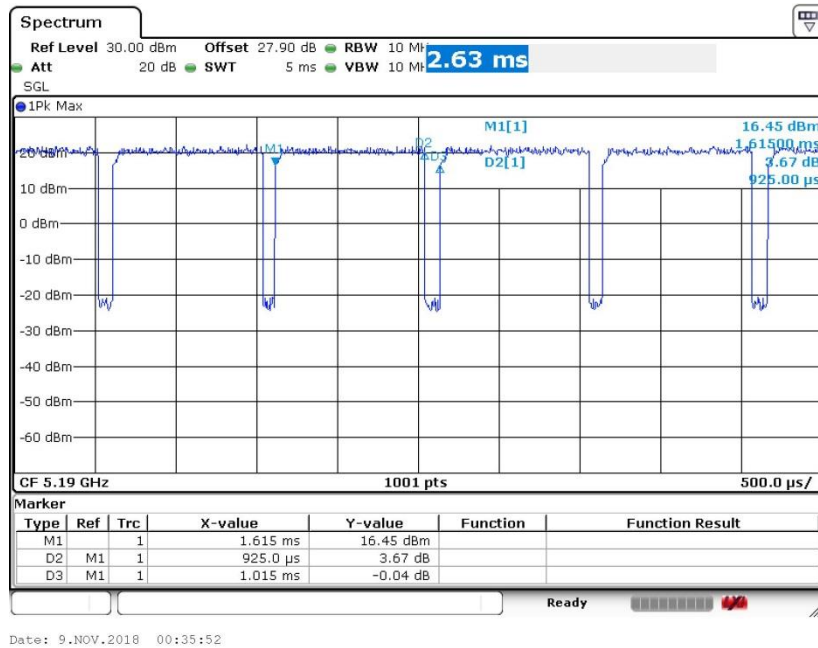
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802.11n HT20

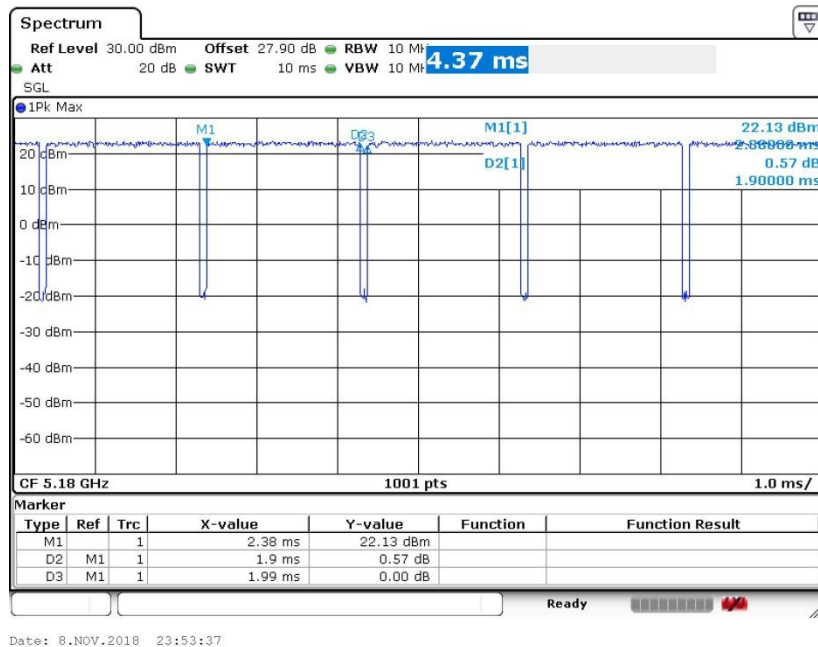


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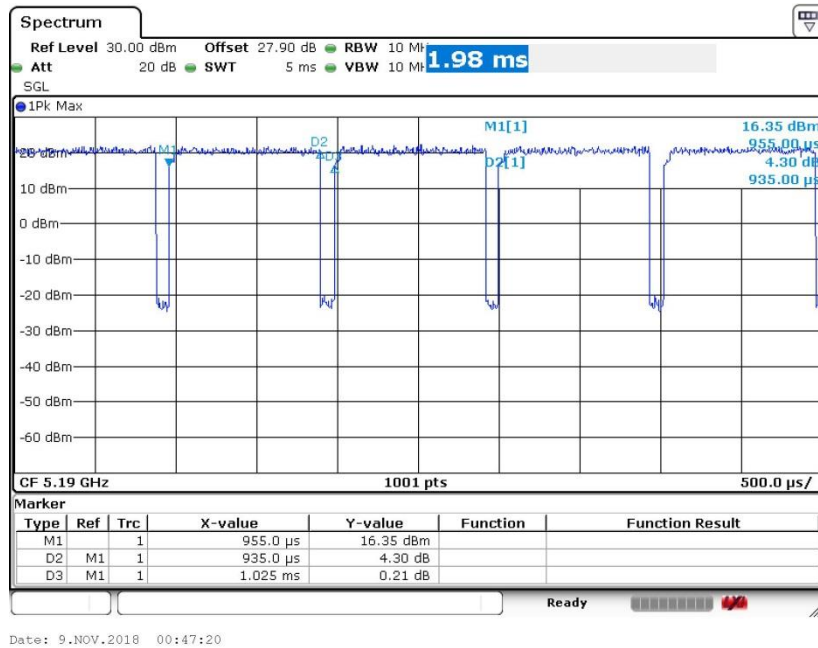
802.11n HT40



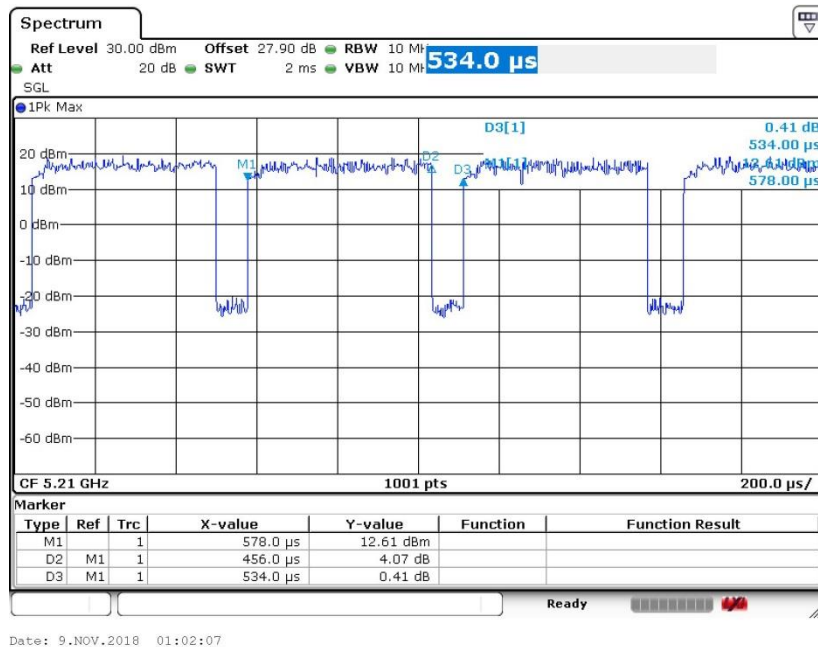
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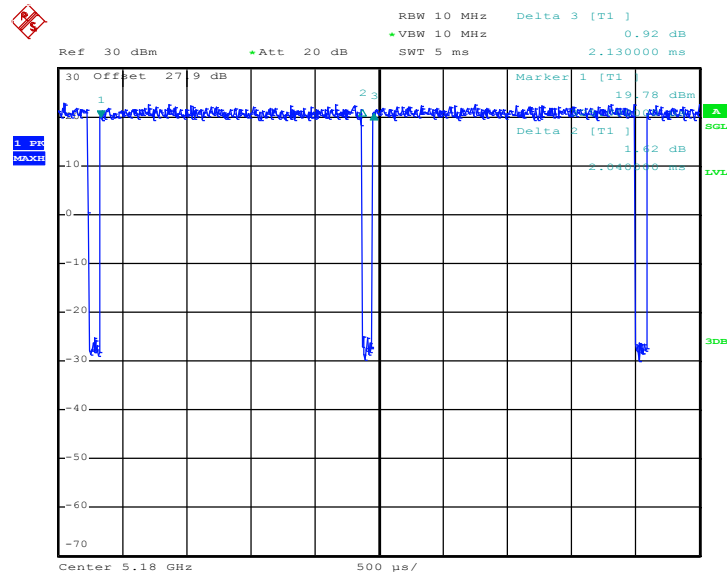


802.11ac VHT40

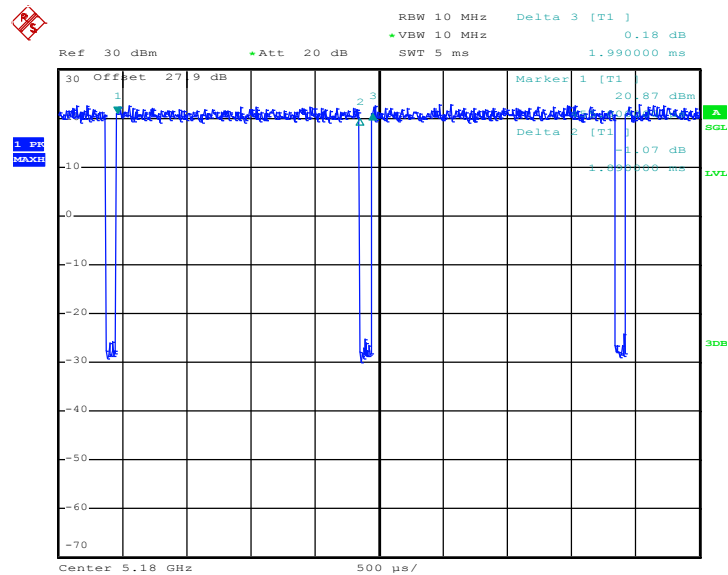


802.11ac VHT80

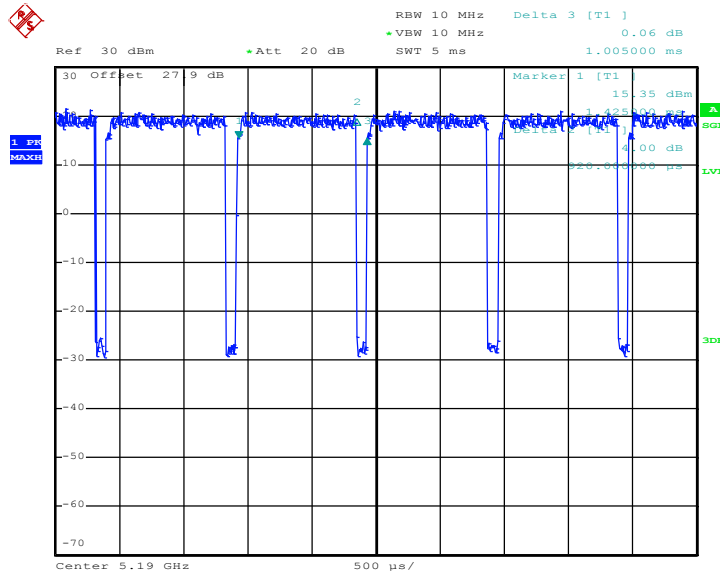


MIMO <Ant. 1>
802.11a


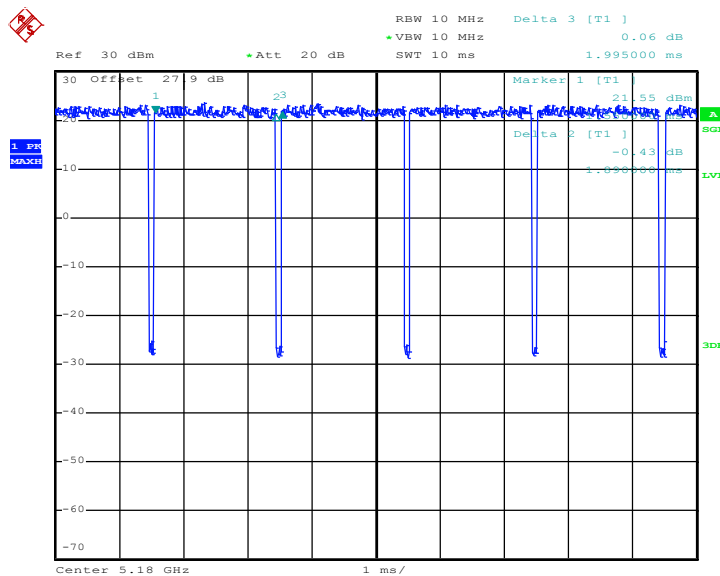
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802.11n HT20


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

802.11n HT40


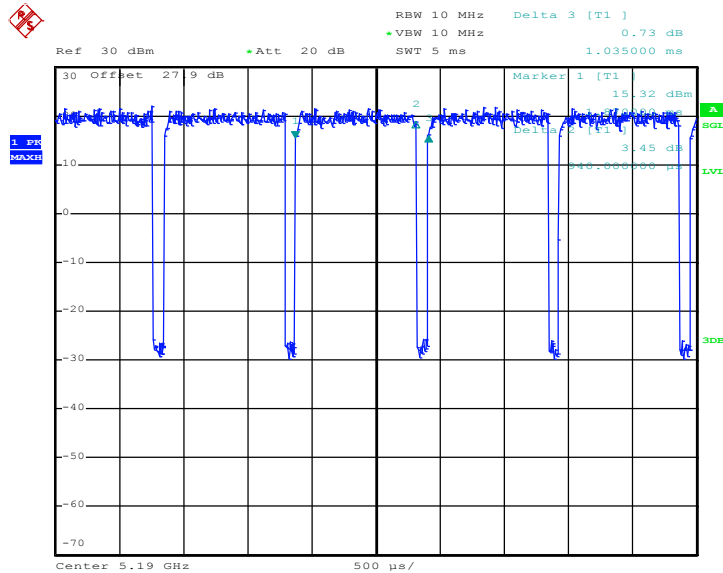
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802.11ac VHT20


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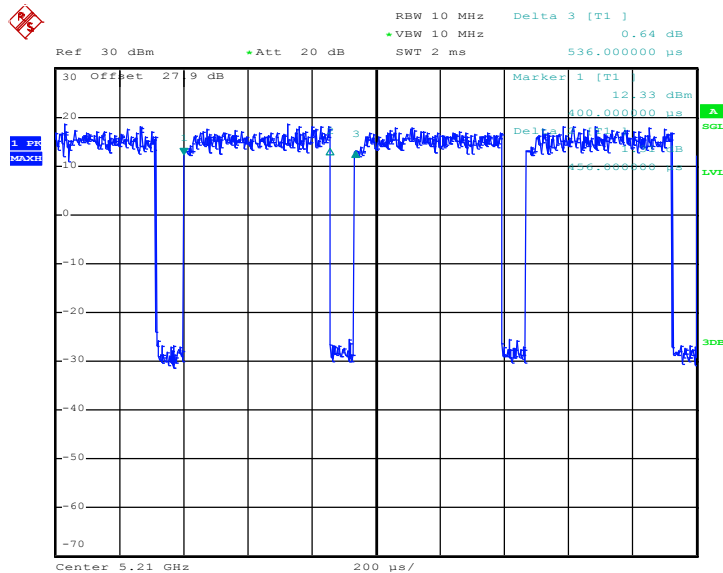


802.11ac VHT40

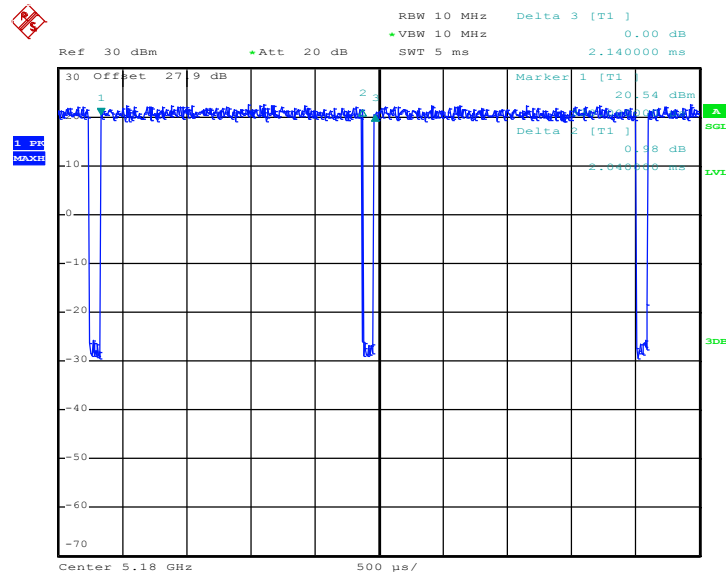


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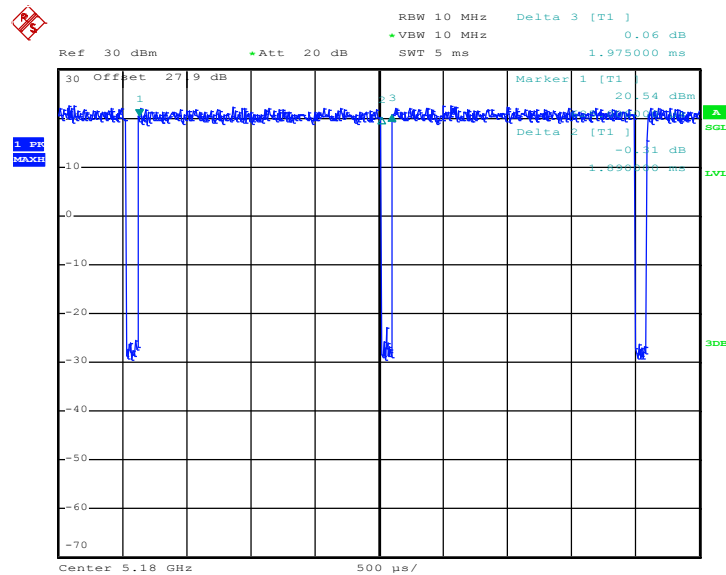
802.11ac VHT80



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MIMO <Ant. 2>
802.11a


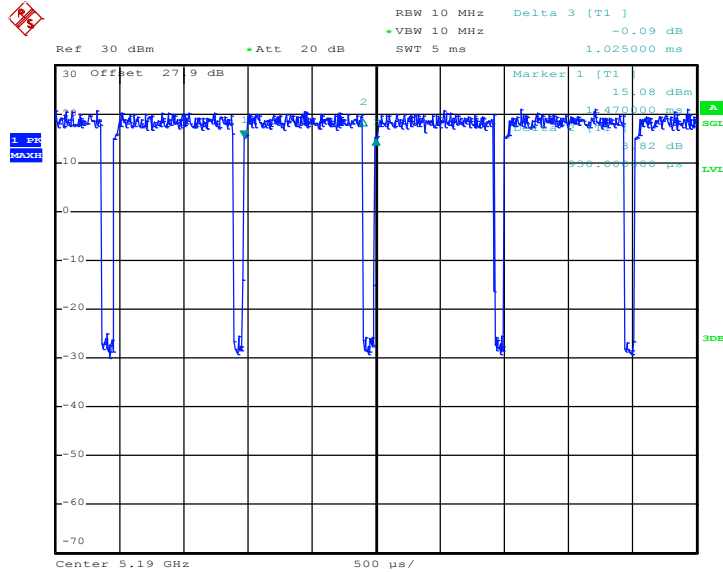
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802.11n HT20


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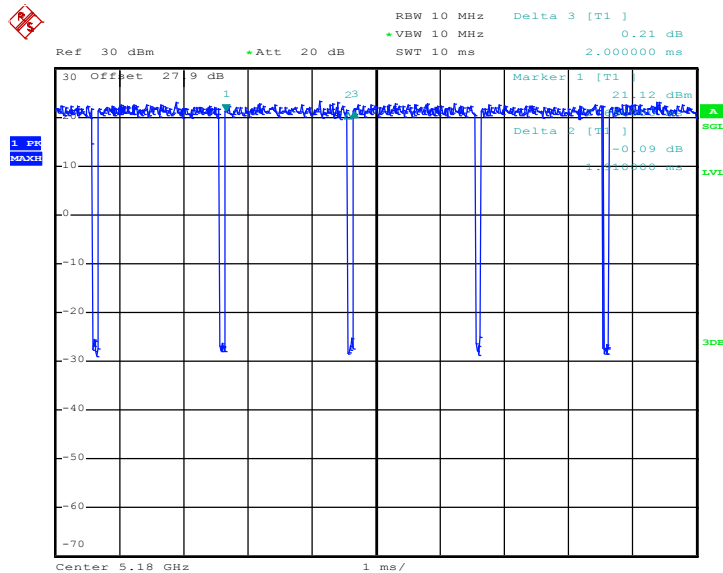


802.11n HT40



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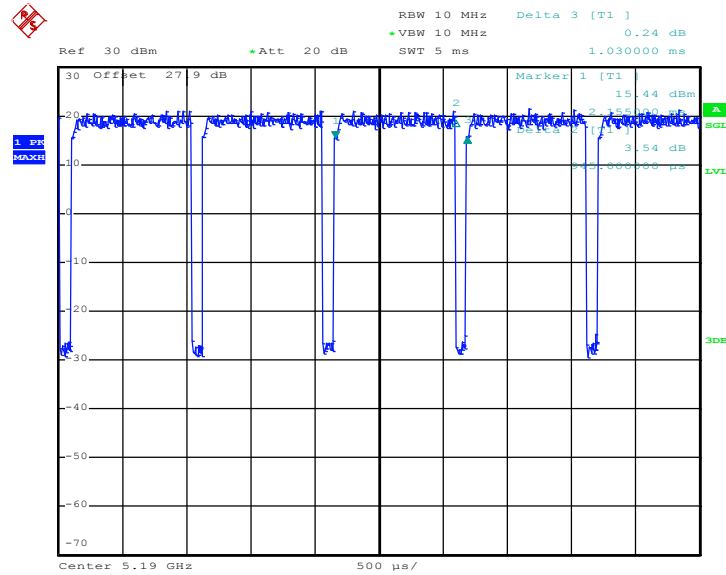
802.11ac VHT20



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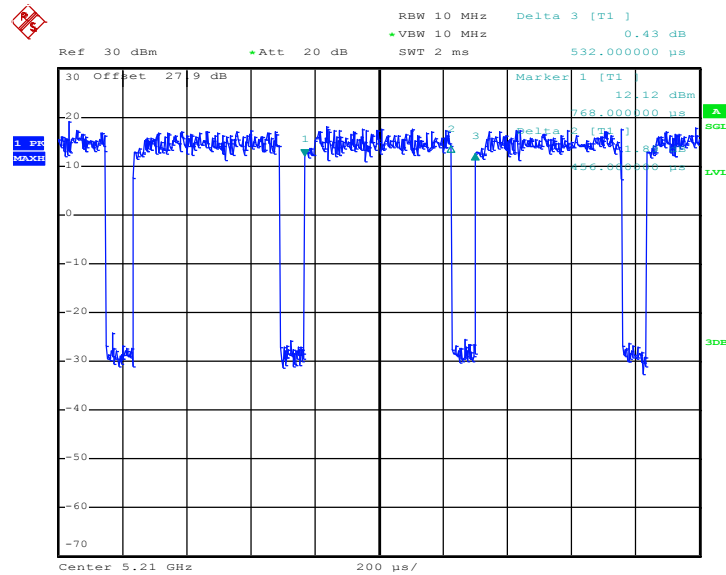


802.11ac VHT40



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

802.11ac VHT80



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