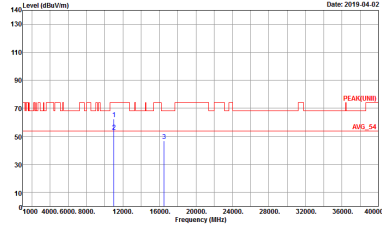
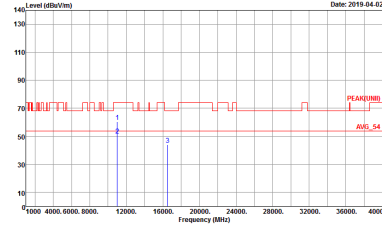


Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UM) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 19 Setting : 17.5	 Site : 03CH12-HY Condition : PEAK(UM) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 19 Setting : 17.5



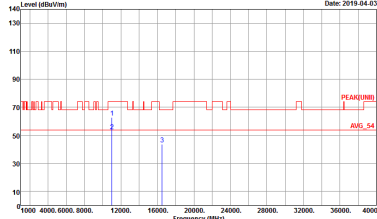
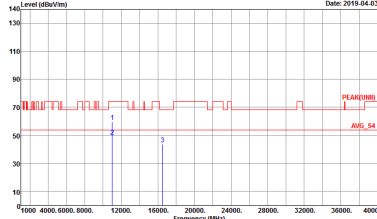
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2019.04.03 Frequency (MHz) Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 20 Setting : 19	Level (dBm/Vm) Date: 2019.04.03 Frequency (MHz) Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 20 Setting : 19



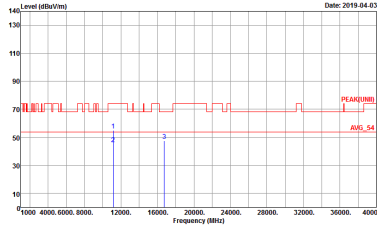
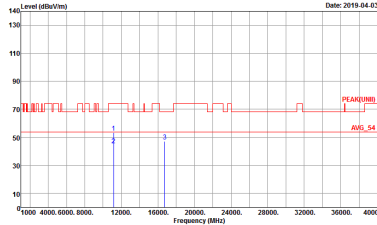
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2019.04.03 Frequency (MHz) Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 21 Setting : 19	Level (dBm/Vm) Date: 2019.04.03 Frequency (MHz) Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 21 Setting : 19



Band 3 5470~5725MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 23 Setting : 15	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 23 Setting : 15

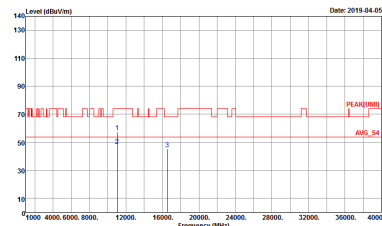
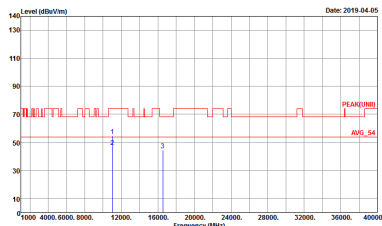


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 24 Setting : 18.5	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 24 Setting : 18.5

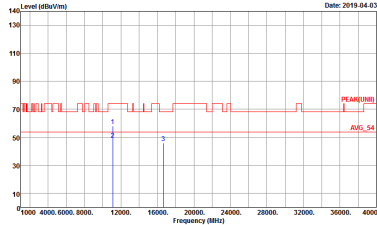
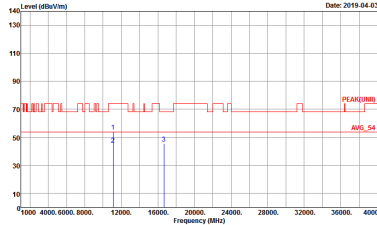


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBm/100MHz) Date: 2019.04.03 Frequency (MHz) Site : 03CH12-14V Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 25 Setting : 19	Level (dBm/100MHz) Date: 2019.04.03 Frequency (MHz) Site : 03CH12-14V Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 25 Setting : 19

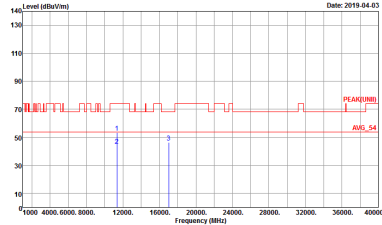
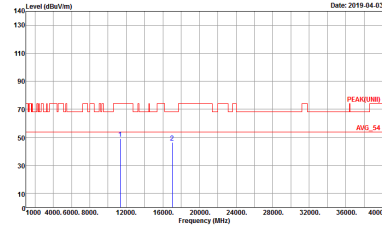
Band 3 5470~5725MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 27 Setting : 14	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 27 Setting : 14

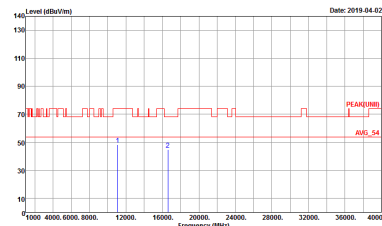
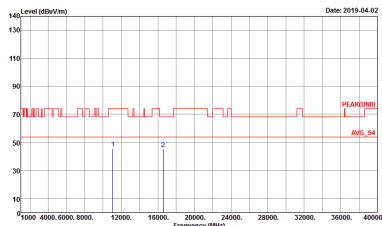


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 28 Setting : 17.5	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 28 Setting : 17.5

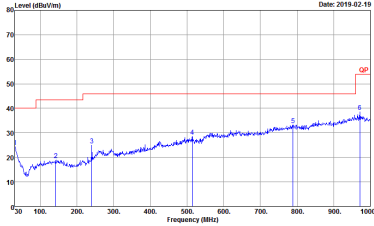
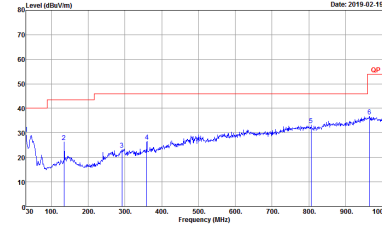


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 29 Setting : 17.5	 Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 29 Setting : 17.5

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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 31 Setting : 13.5	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 911730-01 Mode : 31 Setting : 13.5

Emission below 1GHz
5GHz WIFI 802.11ac VHT20 (LF)

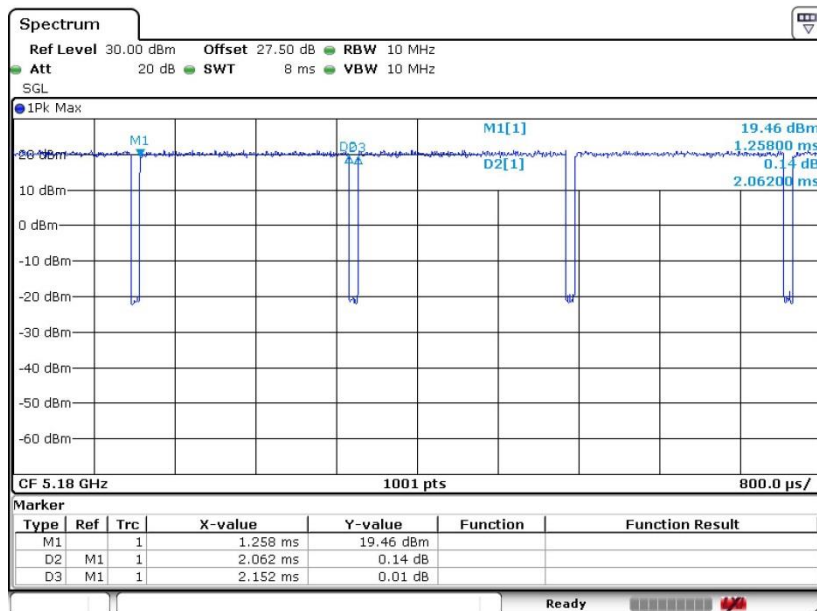
WIFI	5GHz WIFI	
ANT	802.11ac VHT20 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : QP 3m 81LO6_6111D_37059 HORIZONTAL Detector : Peak Project : 911730-01 Mode : 43	 Site : 03CH12-HY Condition : QP 3m 81LO6_6111D_37059 VERTICAL Detector : Peak Project : 911730-01 Mode : 43

Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor (dB)
1	802.11a	95.82	2062.00	0.48	1kHz	0.19
2	802.11a	95.92	2068.00	0.48	1kHz	0.18
1+2	802.11a for Ant. 1	96.28	2072.00	0.48	1kHz	0.16
1+2	802.11a for Ant. 2	95.83	2068.00	0.48	1kHz	0.18
1	5GHz 802.11n HT20	95.93	1932.00	0.52	1kHz	0.18
2	5GHz 802.11n HT20	95.13	1914.00	0.52	1kHz	0.22
1+2	5GHz 802.11n HT20 for Ant. 1	95.54	1928.00	0.52	1kHz	0.20
1+2	5GHz 802.11n HT20 for Ant. 2	95.54	1928.00	0.52	1kHz	0.20
1	5GHz 802.11n HT40	91.12	944.00	1.06	3kHz	0.40
2	5GHz 802.11n HT40	92.19	944.00	1.06	3kHz	0.35
1+2	5GHz 802.11n HT40 for Ant. 1	91.15	948.00	1.05	3kHz	0.40
1+2	5GHz 802.11n HT40 for Ant. 2	91.15	948.00	1.05	3kHz	0.40
1	5GHz 802.11ac VHT20	95.94	1938.00	0.52	1kHz	0.18
2	5GHz 802.11ac VHT20	95.96	1938.00	0.52	1kHz	0.18
1+2	5GHz 802.11ac VHT20 for Ant. 1	95.92	1930.00	0.52	1kHz	0.18
1+2	5GHz 802.11ac VHT20 for Ant. 2	95.54	1930.00	0.52	1kHz	0.20
1	5GHz 802.11ac VHT40	92.25	952.00	1.05	3kHz	0.35
2	5GHz 802.11ac VHT40	92.61	952.00	1.05	3kHz	0.33
1+2	5GHz 802.11ac VHT40 for Ant. 1	92.22	948.00	1.05	3kHz	0.35
1+2	5GHz 802.11ac VHT40 for Ant. 2	92.61	952.00	1.05	3kHz	0.33
1	5GHz 802.11ac VHT80	85.61	464.00	2.16	3kHz	0.67
2	5GHz 802.11ac VHT80	85.93	464.00	2.16	3kHz	0.66
1+2	5GHz 802.11ac VHT80 for Ant. 1	85.61	464.00	2.16	3kHz	0.67
1+2	5GHz 802.11ac VHT80 for Ant. 2	85.61	464.00	2.16	3kHz	0.67

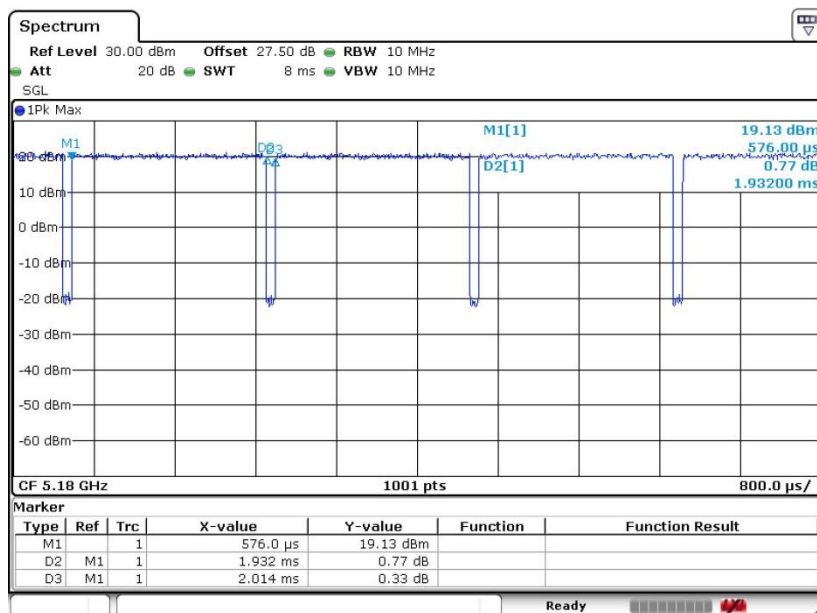
<Ant. 1>

802.11a



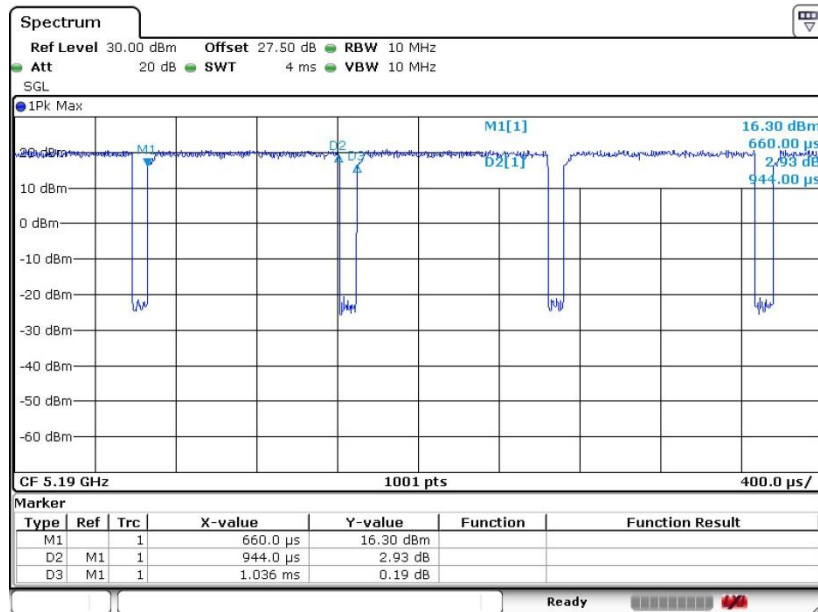
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802.11n HT20



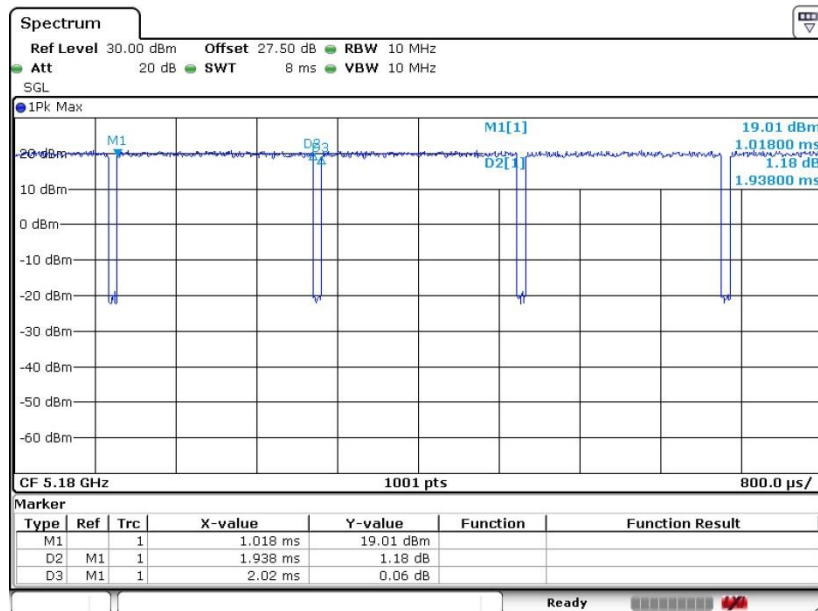
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802.11n HT40



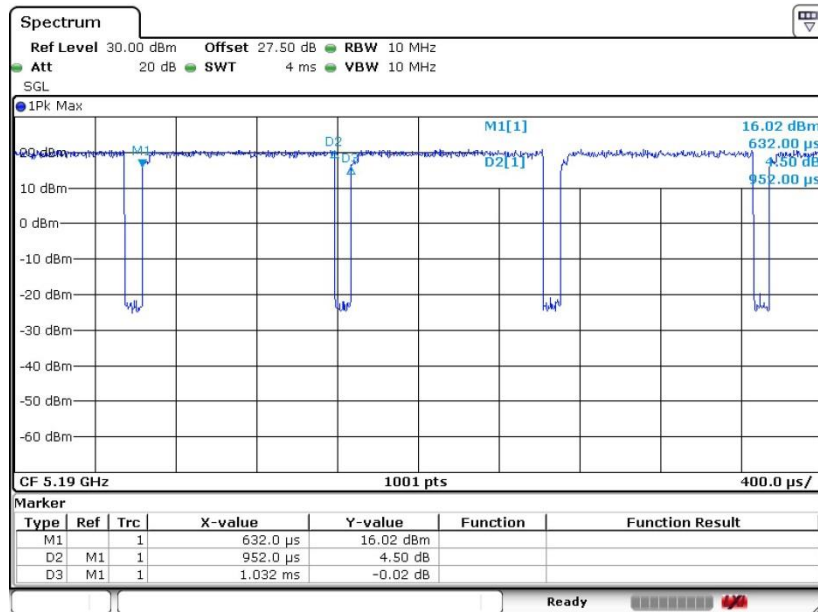
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802.11ac VHT20



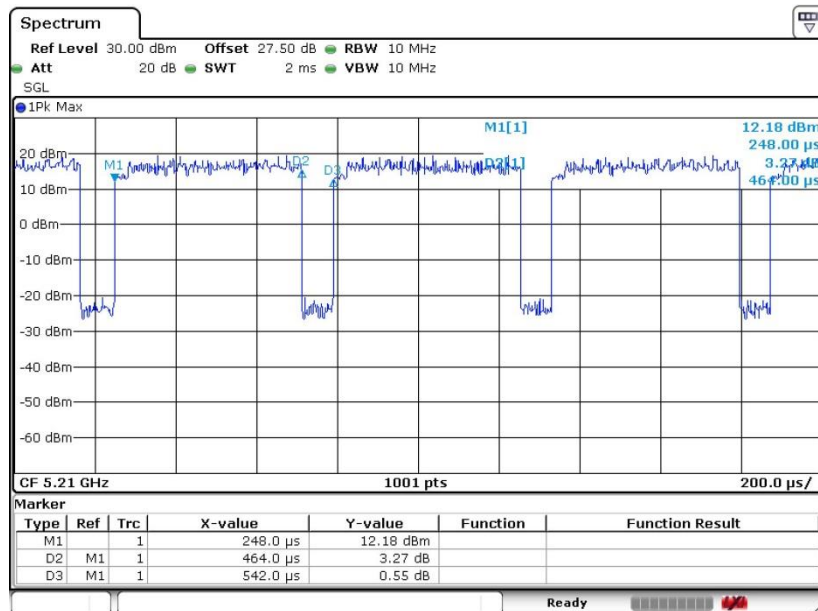
Date: 28 JAN 2019 23:25:05

802.11ac VHT40



Date: 28 JAN 2019 23:45:29

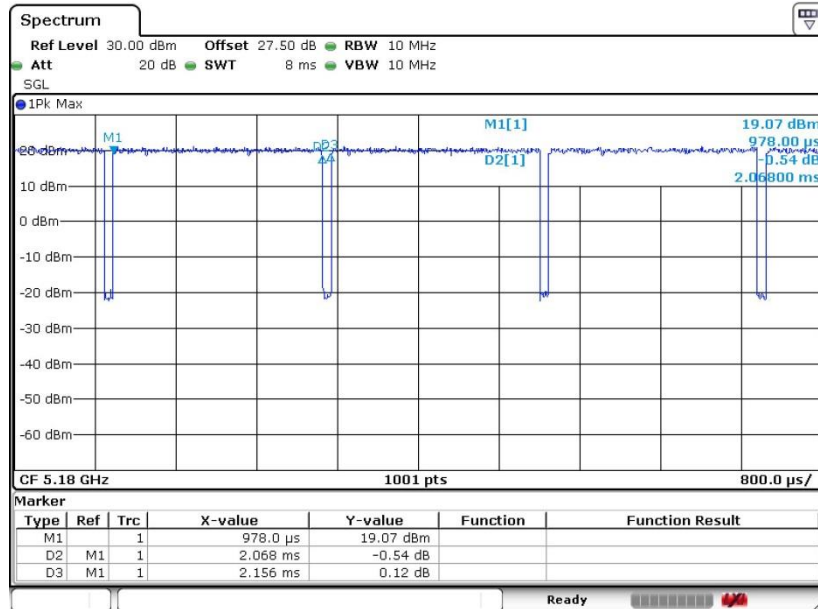
802.11ac VHT80



Date: 29 JAN 2019 00:05:44

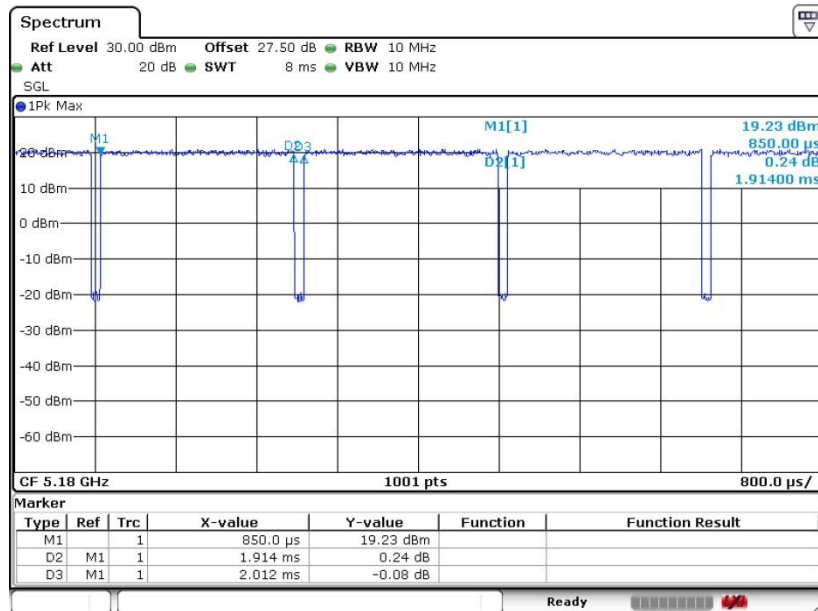
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802.11a



Date: 28.JAN.2019 21:19:16

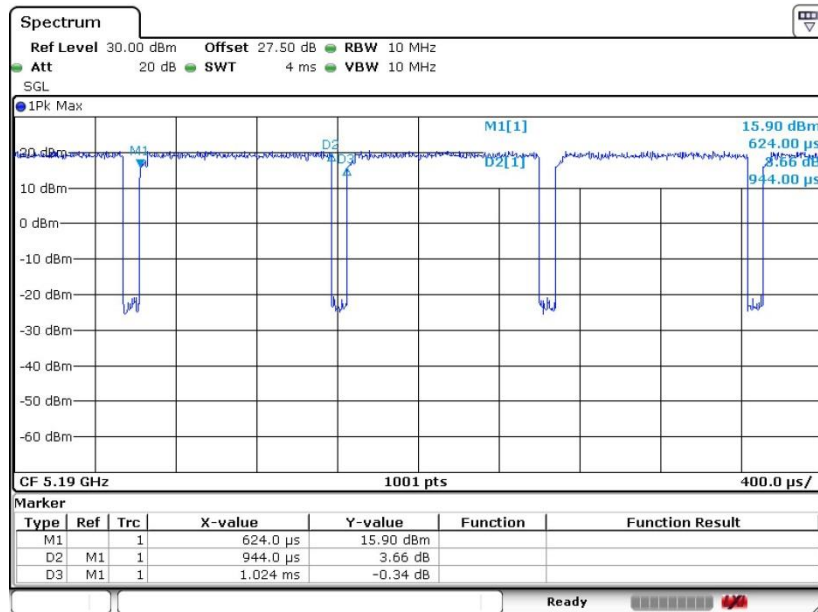
802.11n HT20



Date: 28.JAN.2019 22:57:48

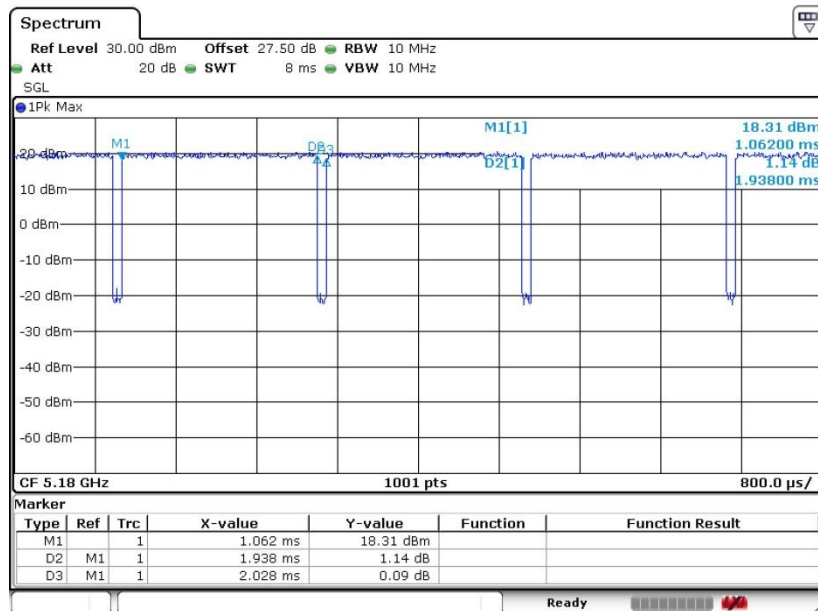


802.11n HT40



Date: 28 JAN 2019 23:10:41

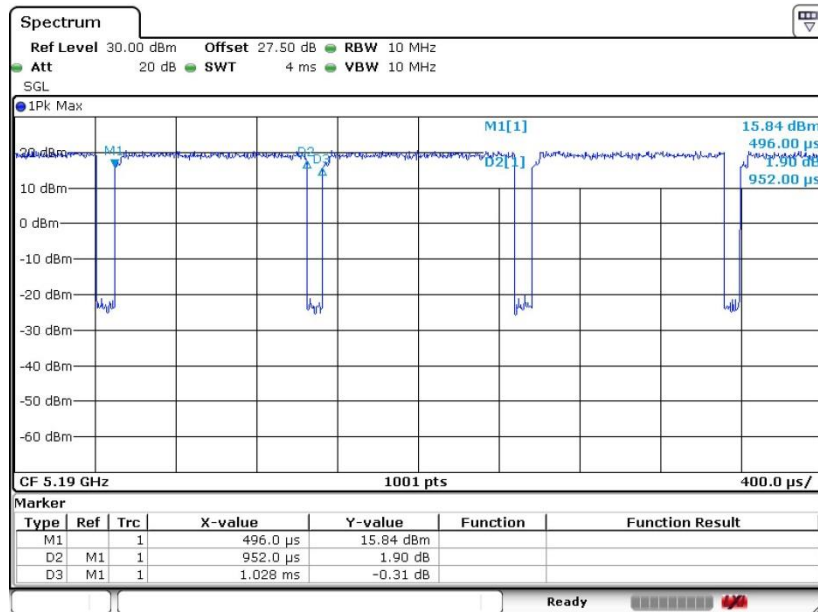
802.11ac VHT20



Date: 28 JAN 2019 23:26:02

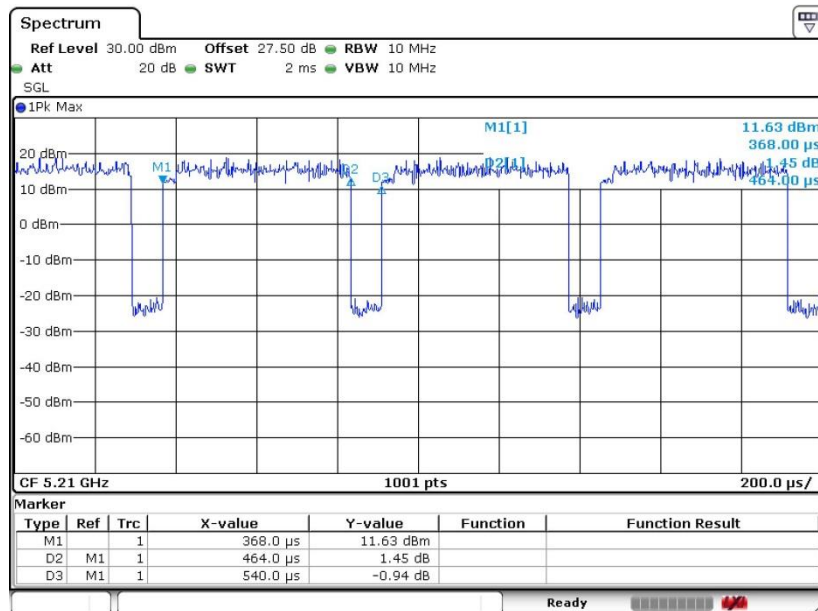


802.11ac VHT40



Date: 28 JAN 2019 23:46:51

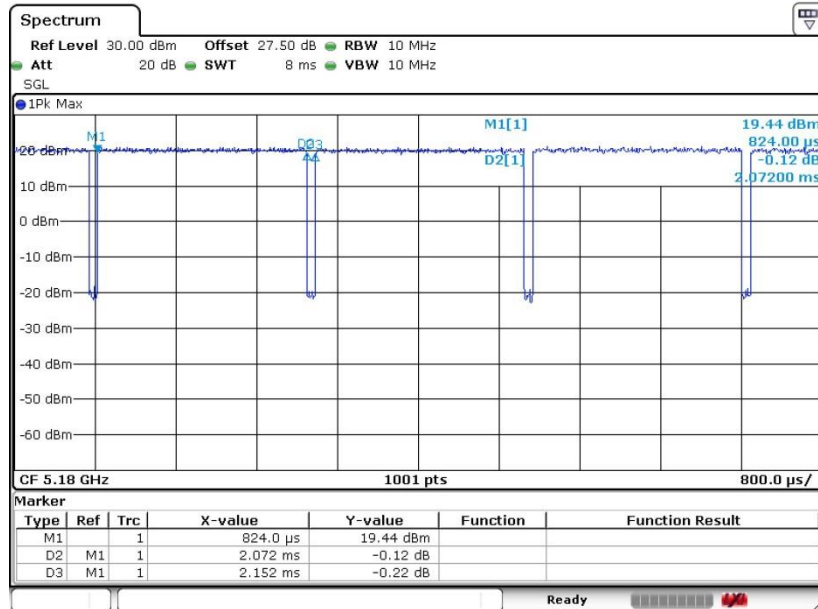
802.11ac VHT80



Date: 29 JAN 2019 00:07:20

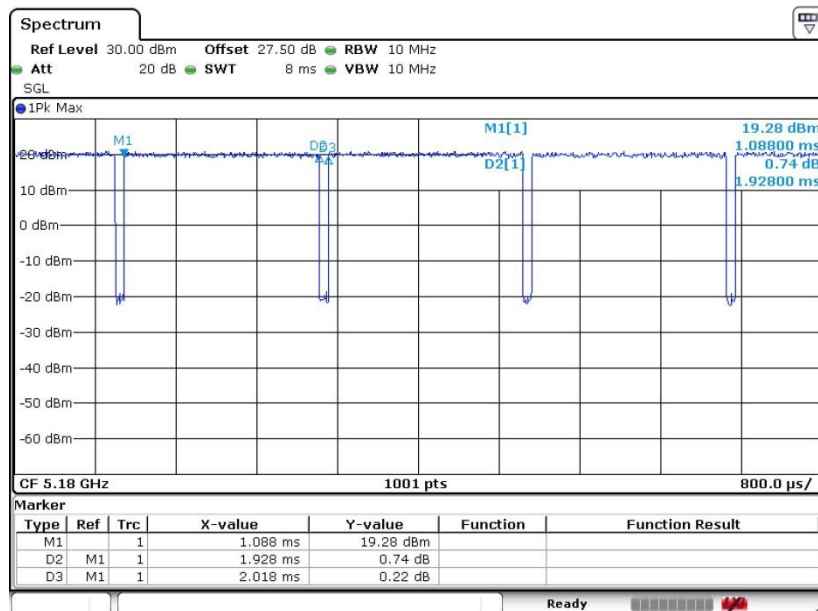
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802.11a



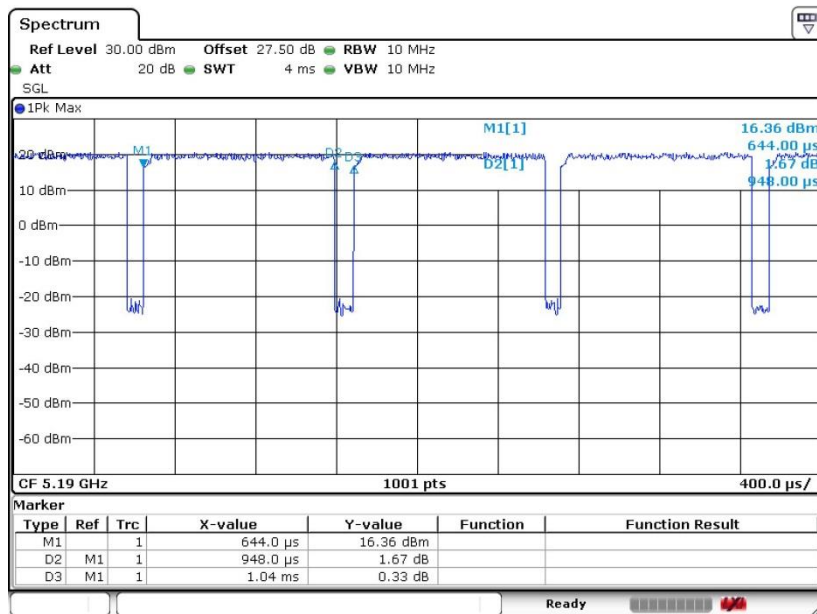
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802.11n HT20



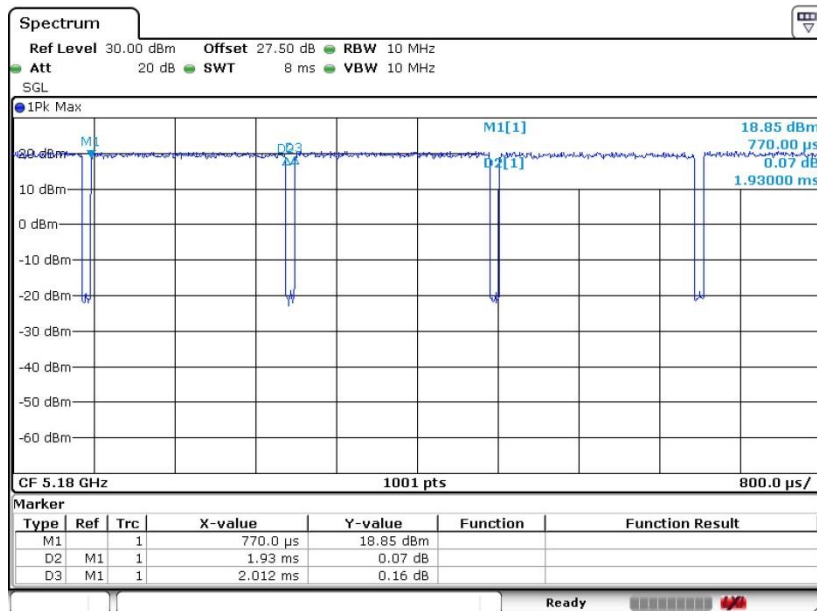
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802.11n HT40



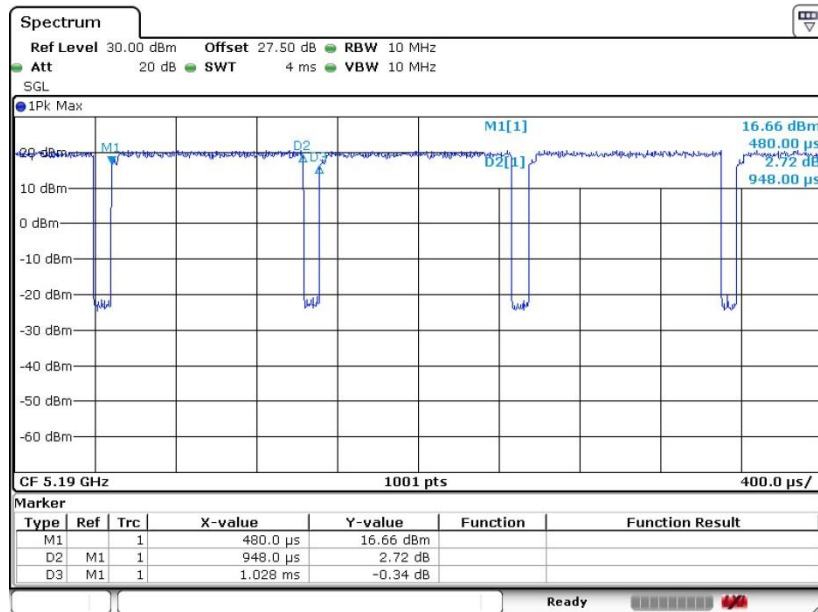
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802.11ac VHT20



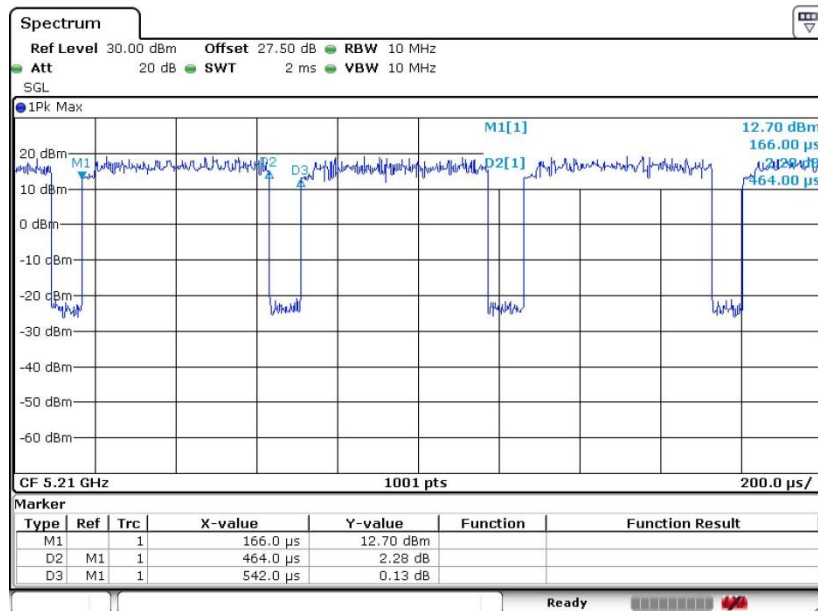
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802.11ac VHT40



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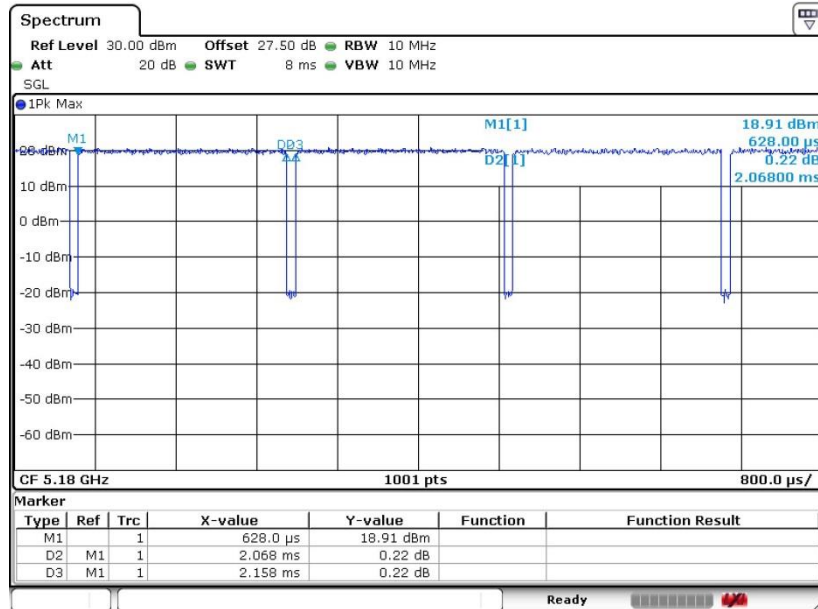
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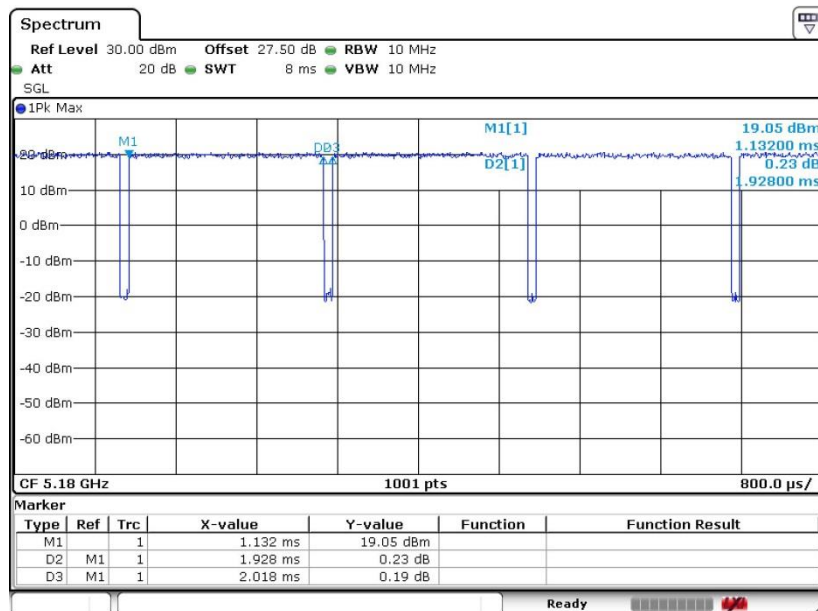
MIMO <Ant. 2>

802.11a



Date: 28 JAN 2019 21:44:16

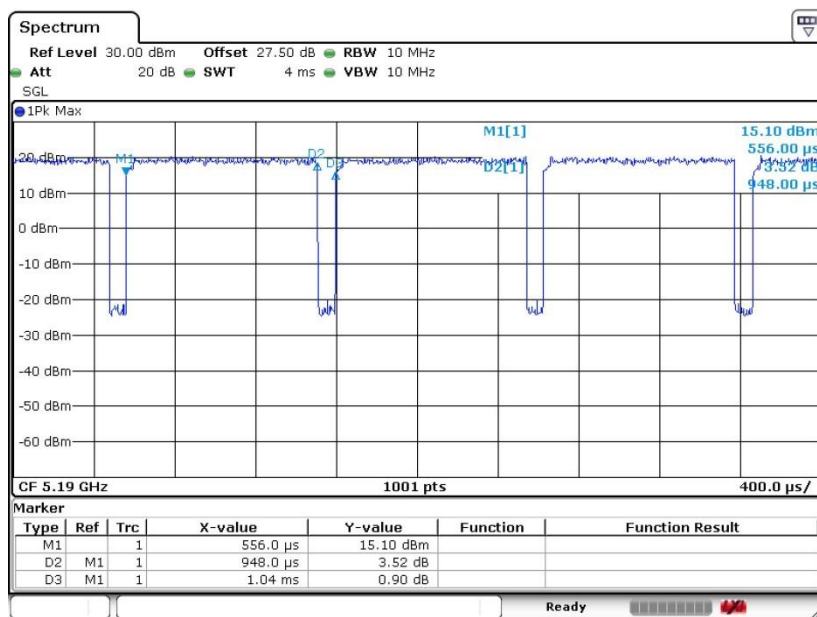
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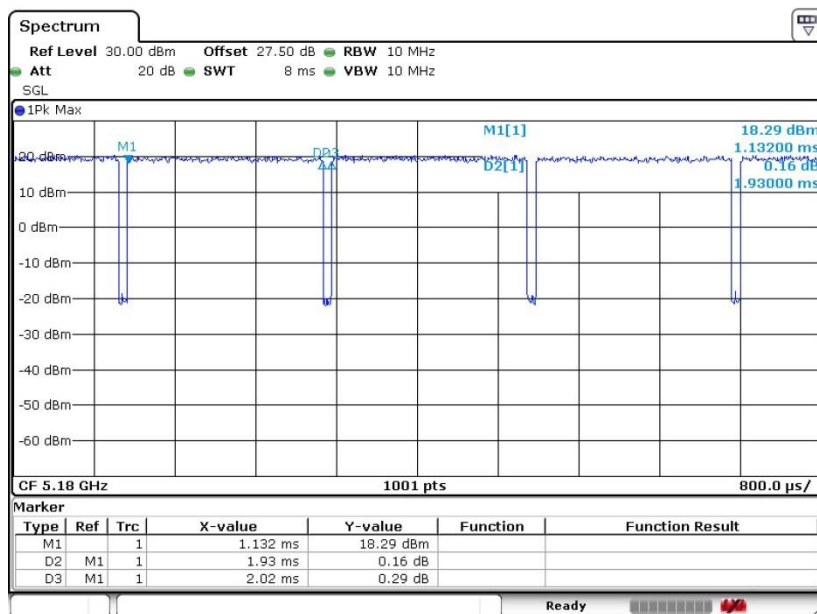


802.11n HT40

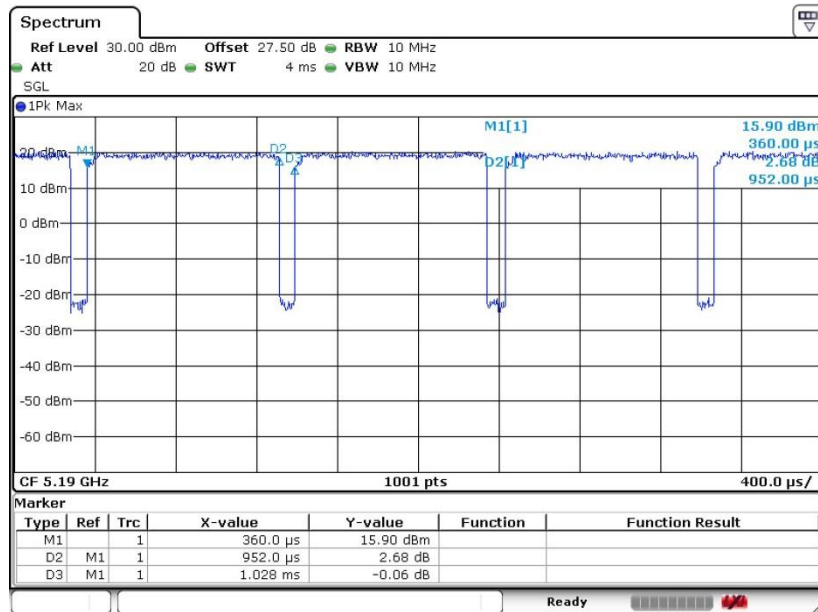


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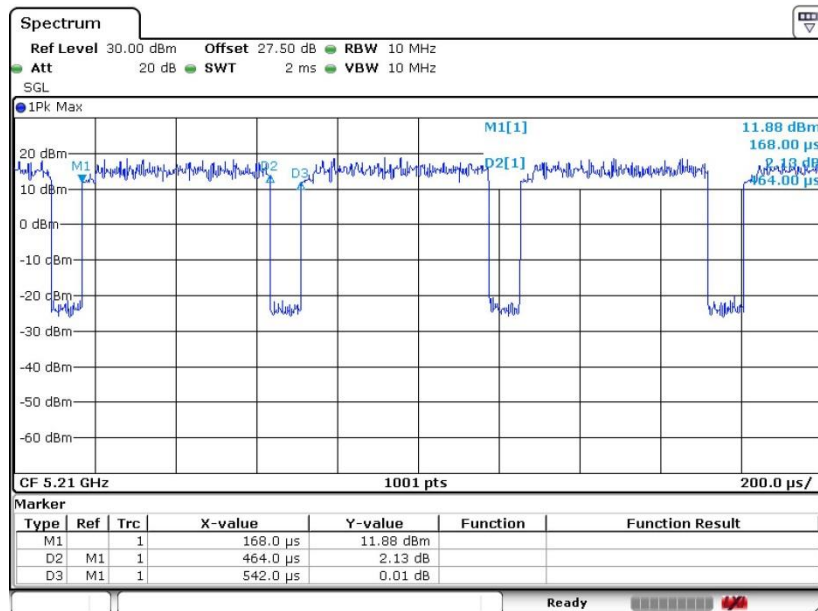
802.11ac VHT20



Date: 28 JAN 2019 23:27:51

**802.11ac VHT40**

Date: 28 JAN 2019 23:48:30

802.11ac VHT80

Date: 29 JAN 2019 00:04:25