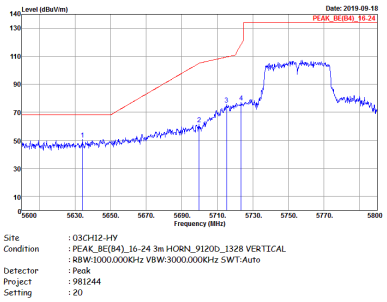
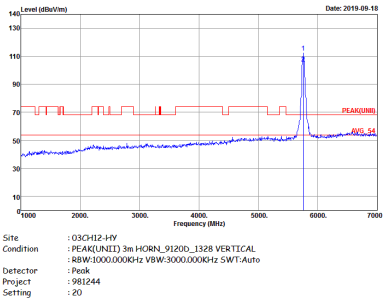
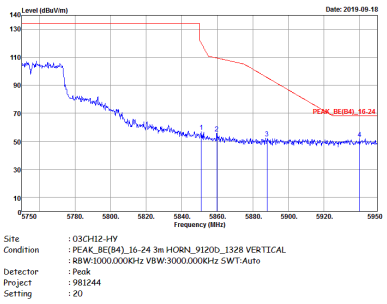
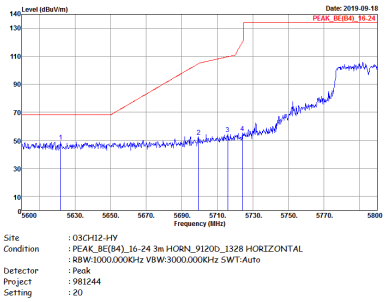
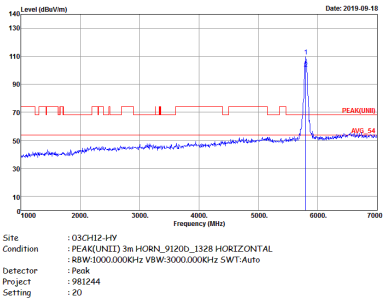
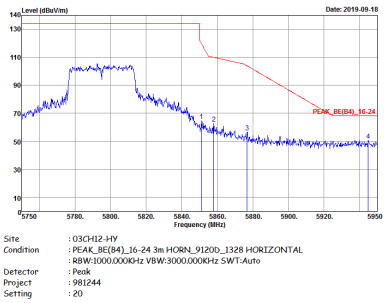
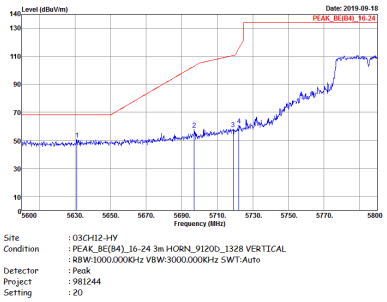
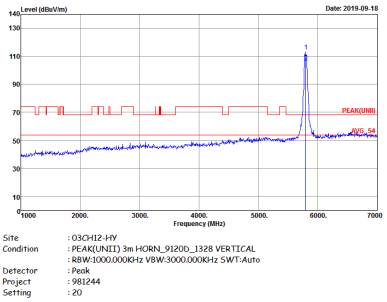
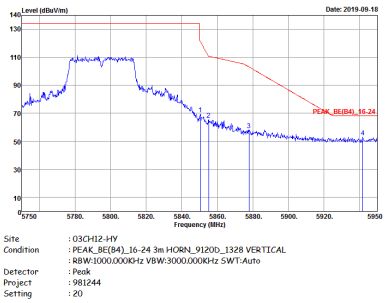
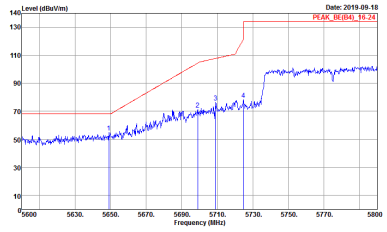
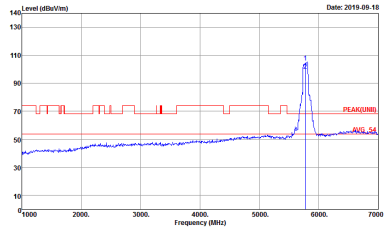
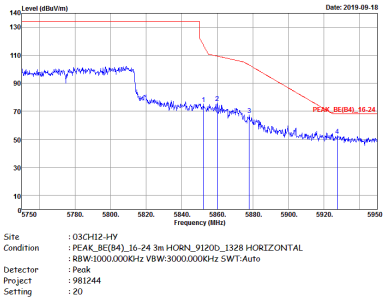
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Vertical	Fundamental
Peak		
Peak		Left blank

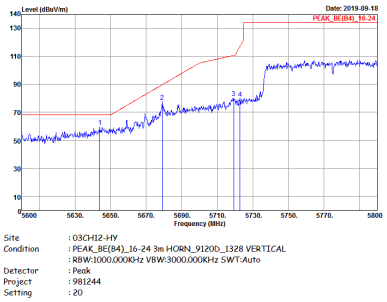
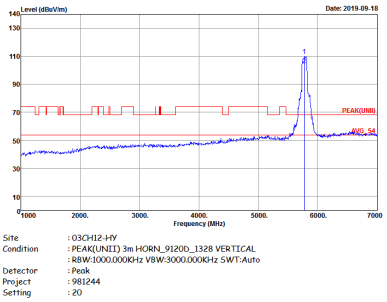
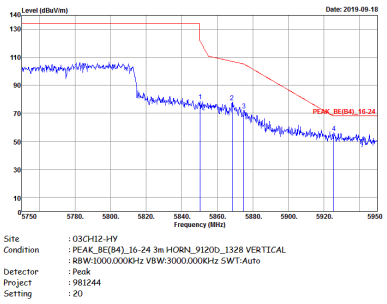
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak		
Peak		Left blank

Band 4 5725~5850MHz

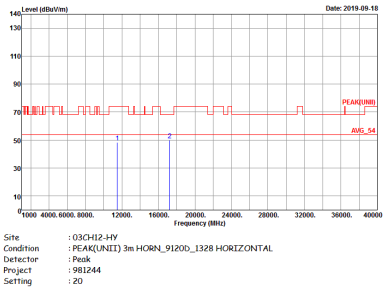
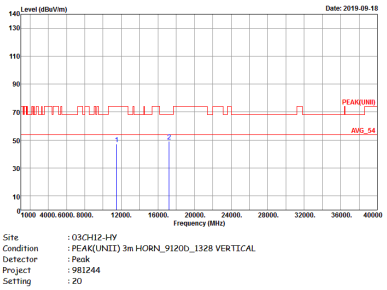
WIFI 802.11ac VHT80 (Band Edge @ 3m)

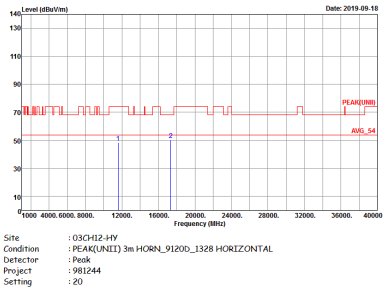
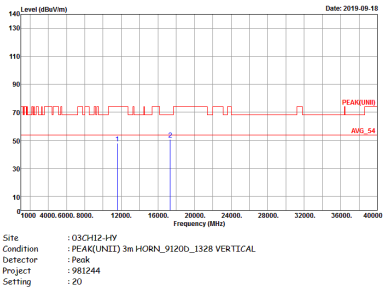
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Fundamental
Peak		
Peak		Left blank

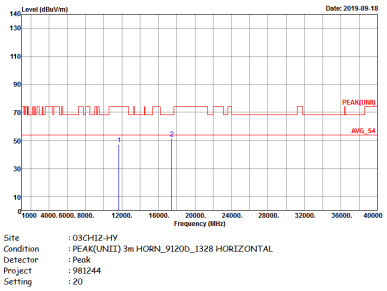
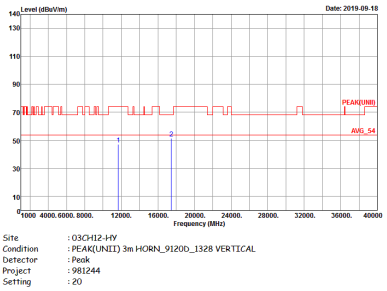
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Vertical	Fundamental
Peak		
Peak		Left blank

Band 4 - 5725~5850MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

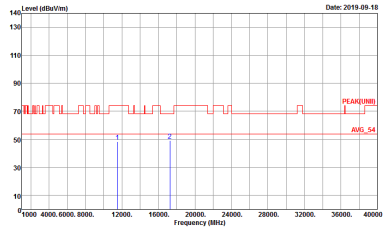
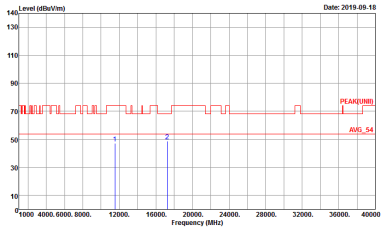
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.		

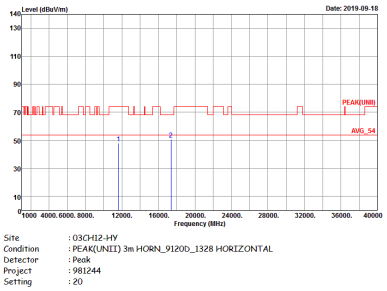
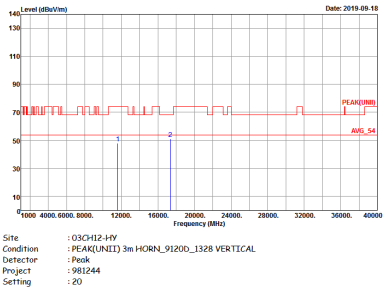
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 4 5725~5850MHz

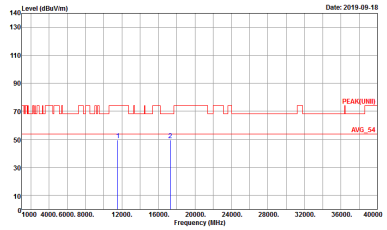
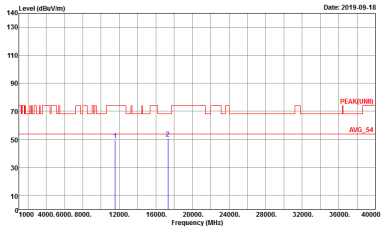
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 981244 Setting : 20	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 981244 Setting : 20

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.		

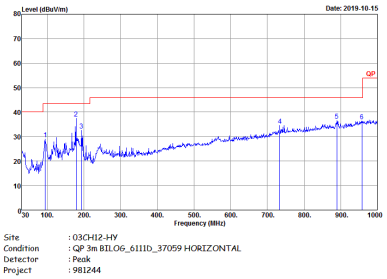
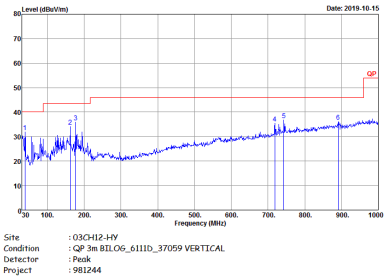
Band 4 5725~5850MHz

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 : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 981244 Setting : 20	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 981244 Setting : 20

Emission below 1GHz

5GHz WIFI 802.11ac VHT20 (LF)

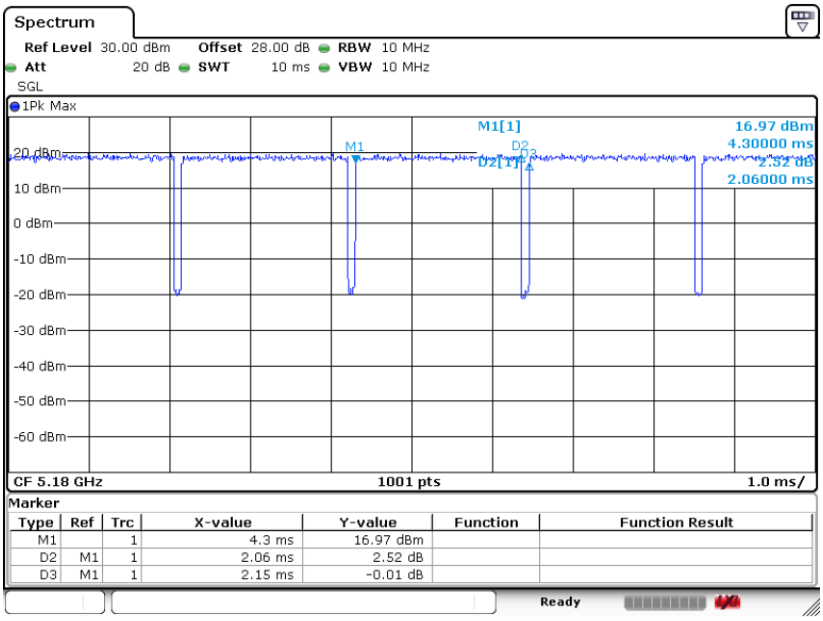
WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT20 LF	
1+2	Horizontal	Vertical
QP / Peak		

Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11a	95.81	2060	0.49	1kHz	0.19
2	802.11a	95.83	2070	0.48	1kHz	0.18
1+2	802.11a for Ant. 1	96.06	2075	0.48	1kHz	0.17
1+2	802.11a for Ant. 2	95.32	2059	0.49	1kHz	0.21
1	5GHz 802.11n HT20	95.05	1920	0.52	1kHz	0.22
2	5GHz 802.11n HT20	95.54	1930	0.52	1kHz	0.20
1+2	5GHz 802.11n HT20 for Ant. 1	95.56	1935	0.52	1kHz	0.20
1+2	5GHz 802.11n HT20 for Ant. 2	95.76	1919	0.52	1kHz	0.19
1	5GHz 802.11n HT40	92.20	945	1.06	3kHz	0.35
2	5GHz 802.11n HT40	91.79	950	1.05	3kHz	0.37
1+2	5GHz 802.11n HT40 for Ant. 1	91.39	934	1.07	3kHz	0.39
1+2	5GHz 802.11n HT40 for Ant. 2	91.82	943	1.06	3kHz	0.37
1	5GHz 802.11ac VHT20	95.07	1930	0.52	1kHz	0.22
2	5GHz 802.11ac VHT20	95.54	1930	0.52	1kHz	0.20
1+2	5GHz 802.11ac VHT20 for Ant. 1	95.33	1940	0.52	1kHz	0.21
1+2	5GHz 802.11ac VHT20 for Ant. 2	95.02	1929	0.52	1kHz	0.22
1	5GHz 802.11ac VHT40	91.39	955	1.05	3kHz	0.39
2	5GHz 802.11ac VHT40	91.39	955	1.05	3kHz	0.39
1+2	5GHz 802.11ac VHT40 for Ant. 1	92.89	954	1.05	3kHz	0.32
1+2	5GHz 802.11ac VHT40 for Ant. 2	92.31	948	1.05	3kHz	0.35
1	5GHz 802.11ac VHT80	89.09	735	1.36	3kHz	0.50
2	5GHz 802.11ac VHT80	90.18	735	1.36	3kHz	0.45
1+2	5GHz 802.11ac VHT80 for Ant. 1	89.66	728	1.37	3kHz	0.47
1+2	5GHz 802.11ac VHT80 for Ant. 2	90.59	732	1.37	3kHz	0.43

<Ant. 1>

802.11a



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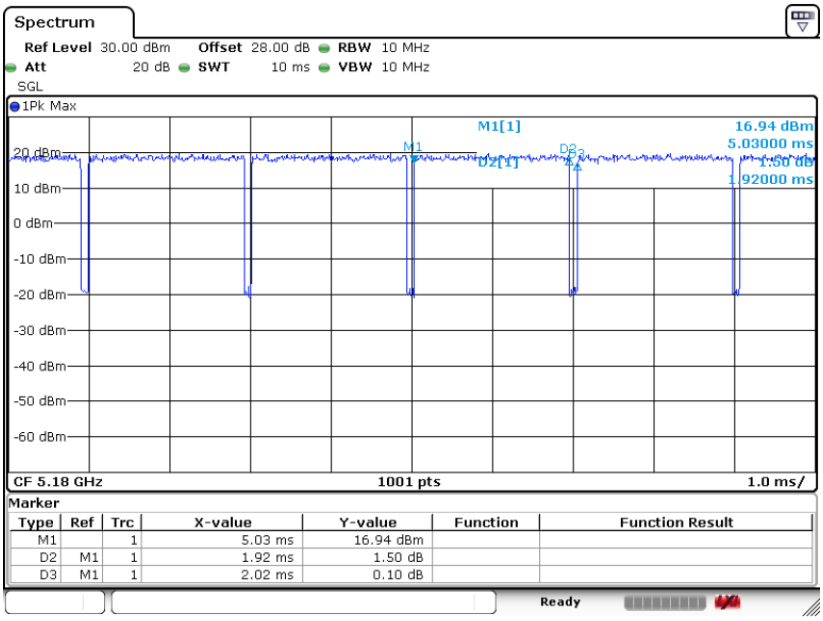
802.11n HT20



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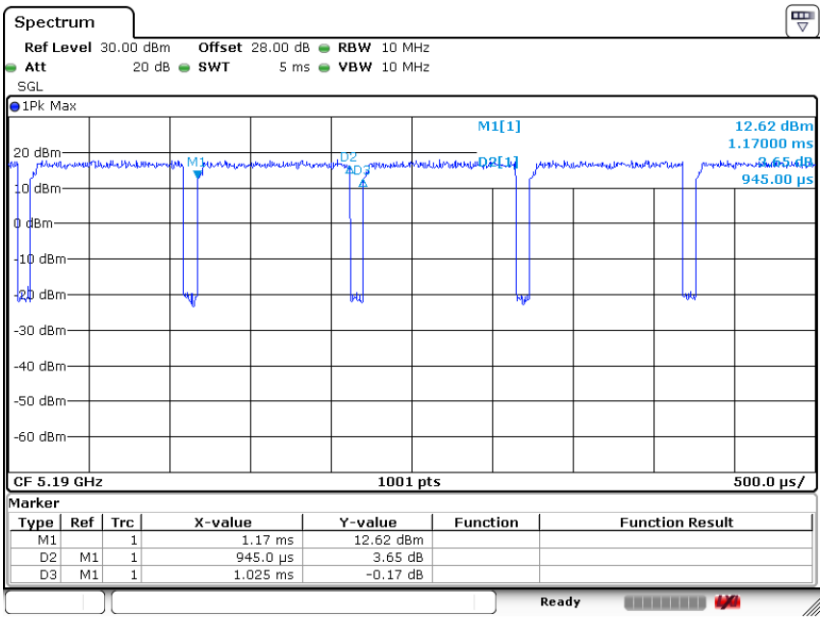
802.11n HT40



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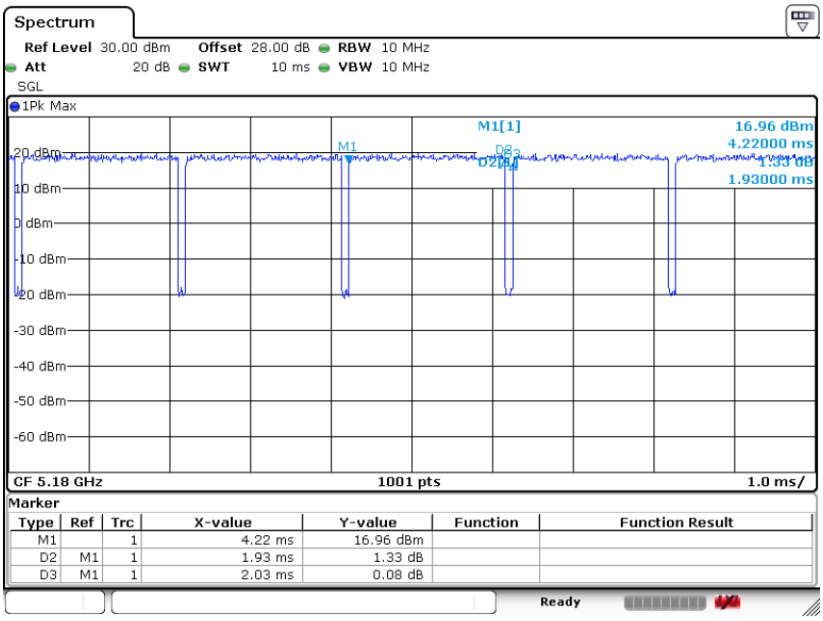
802.11ac VHT20



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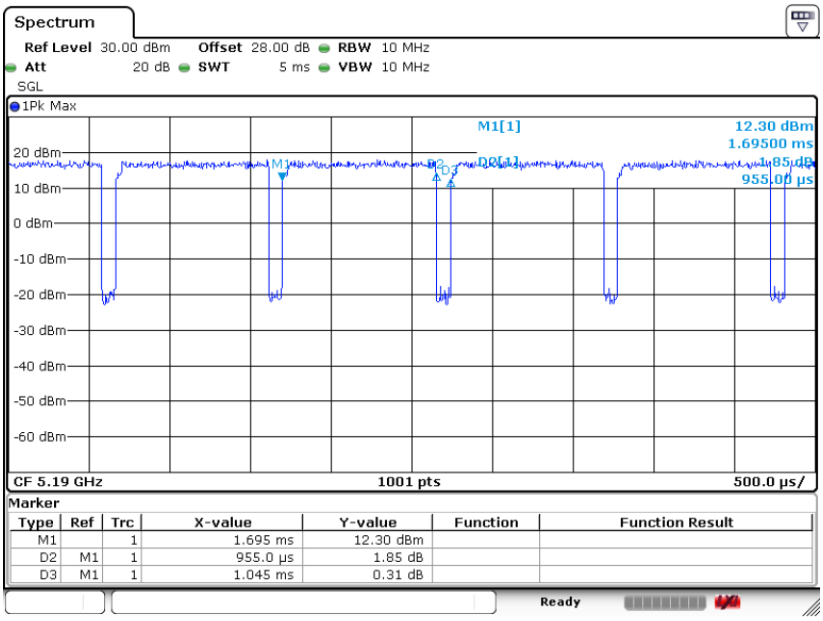
802.11ac VHT40



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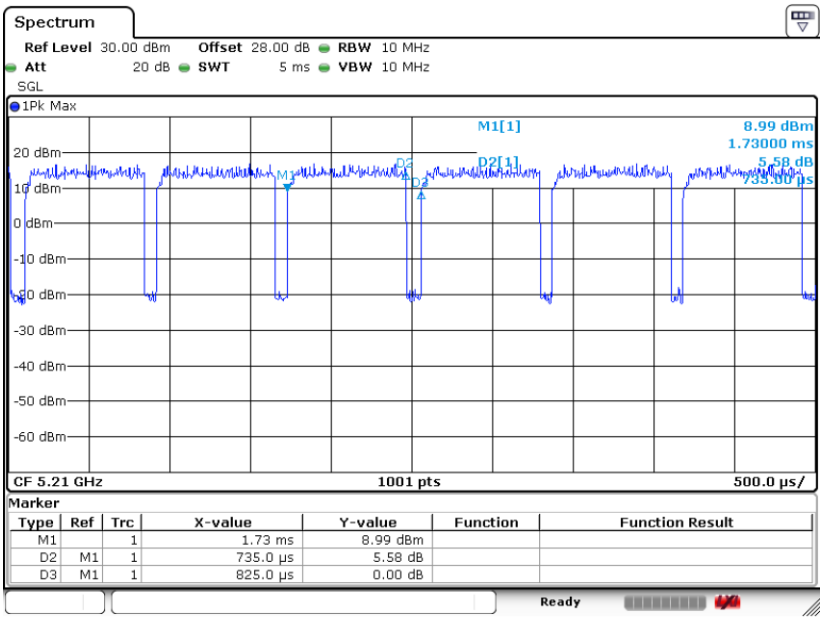
802.11ac VHT80



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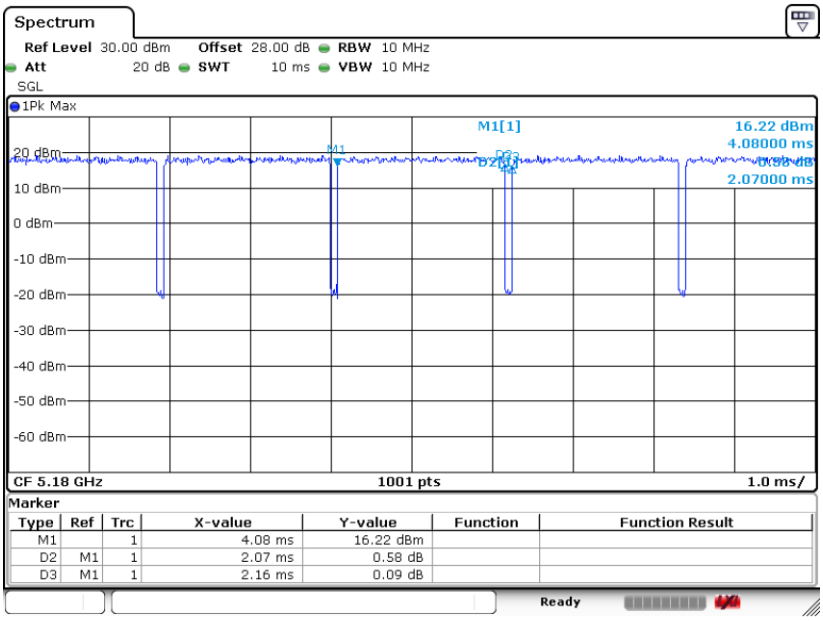
<Ant. 2>

802.11a



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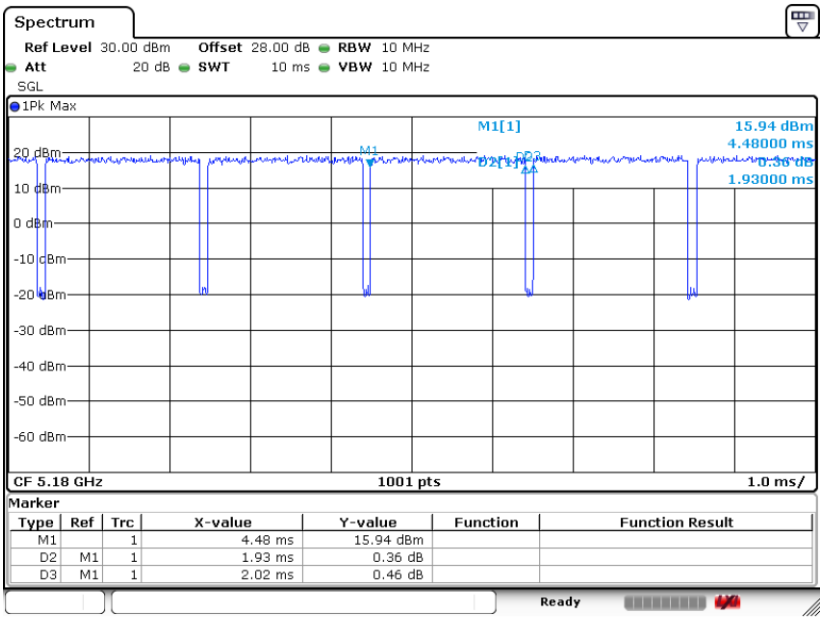
802.11n HT20



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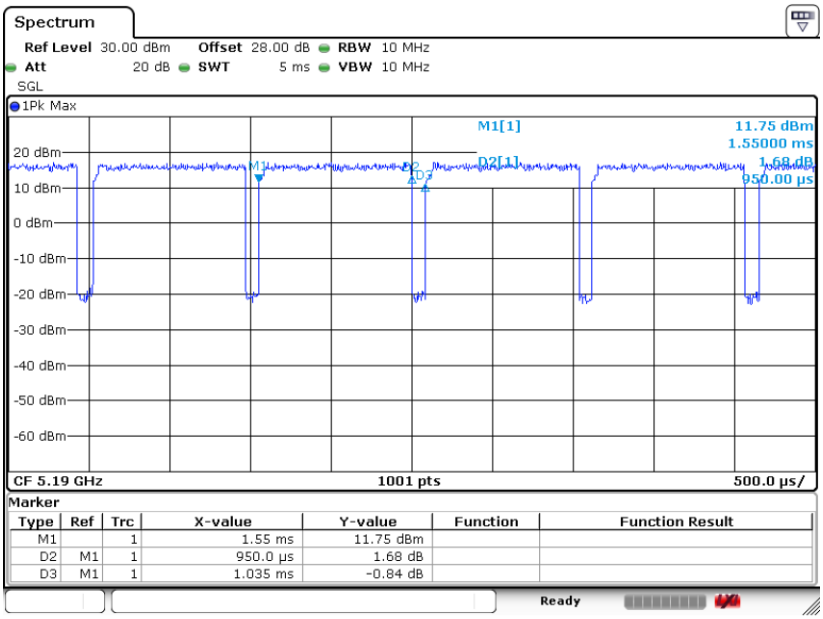
802.11n HT40



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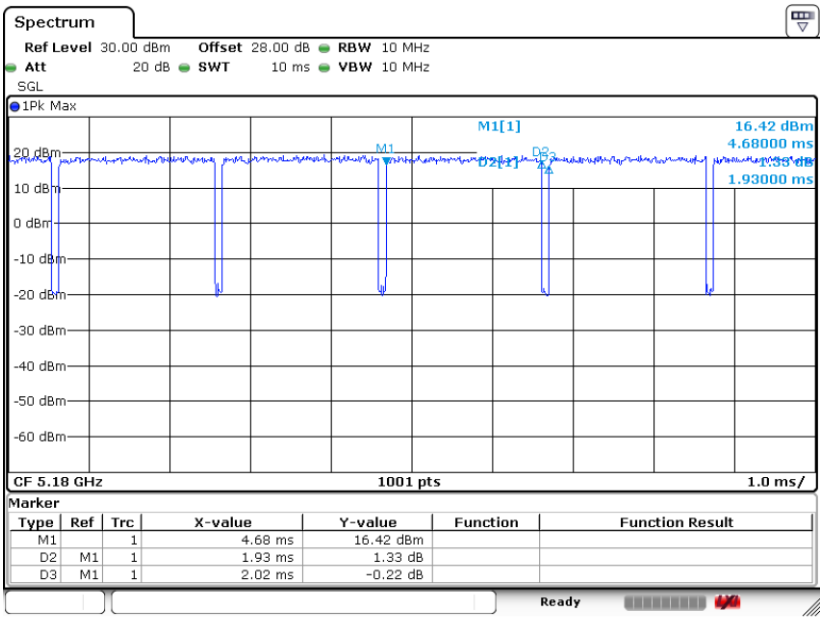
802.11ac VHT20



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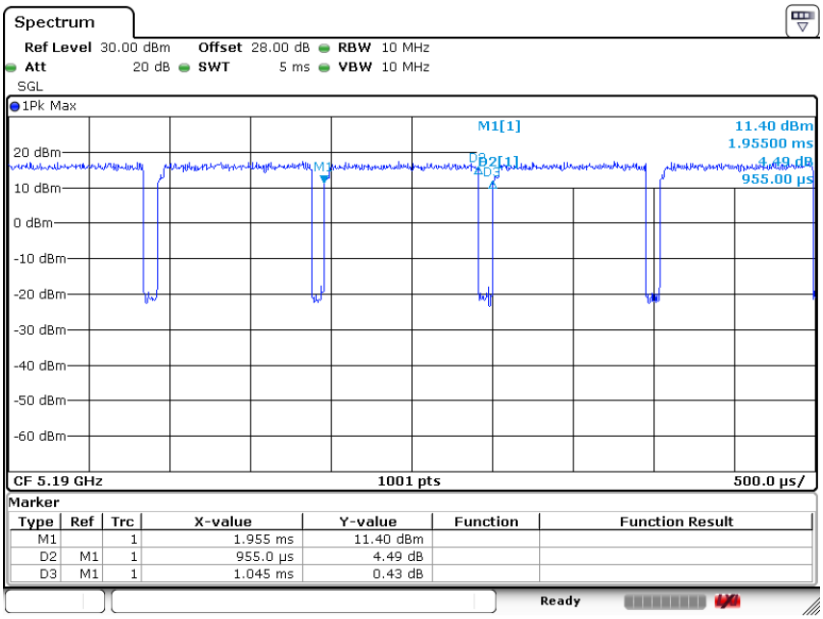
802.11ac VHT40



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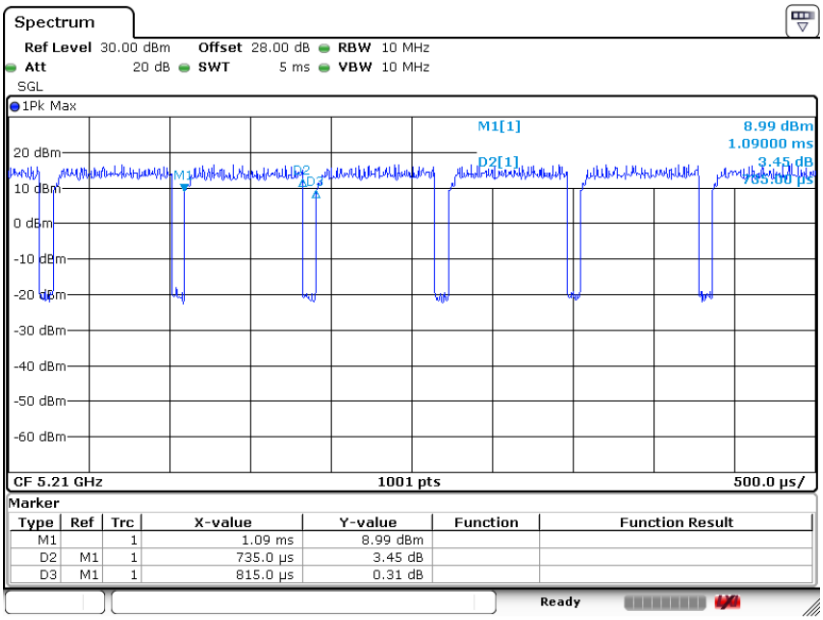
802.11ac VHT80



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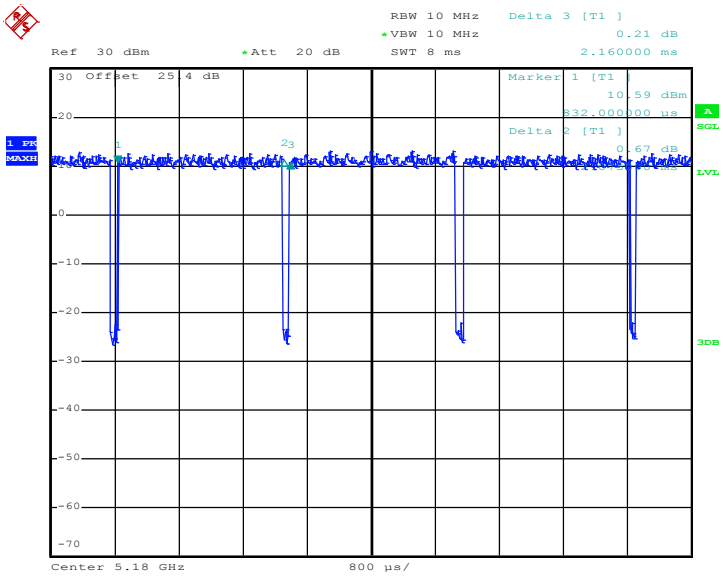
MIMO <Ant. 1>

802.11a



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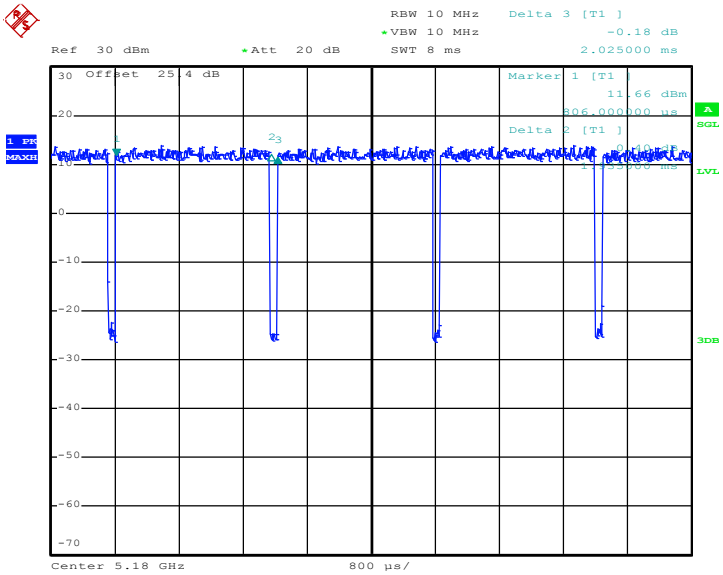
802.11n HT20



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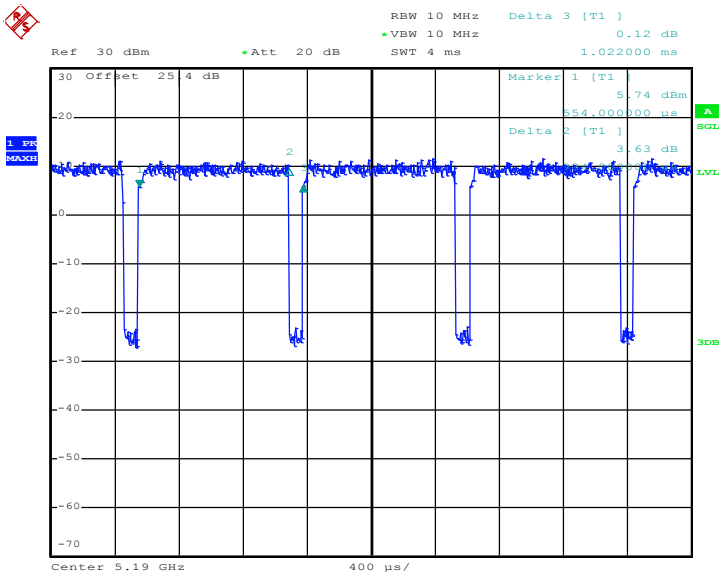
802.11n HT40



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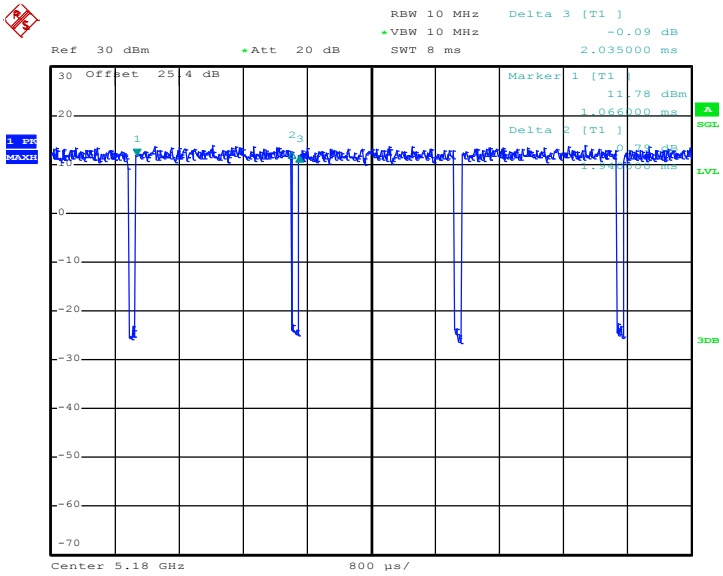

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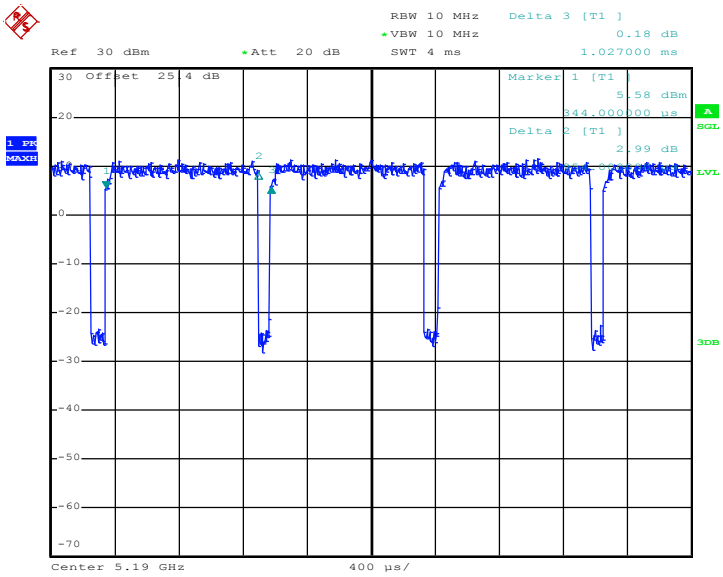

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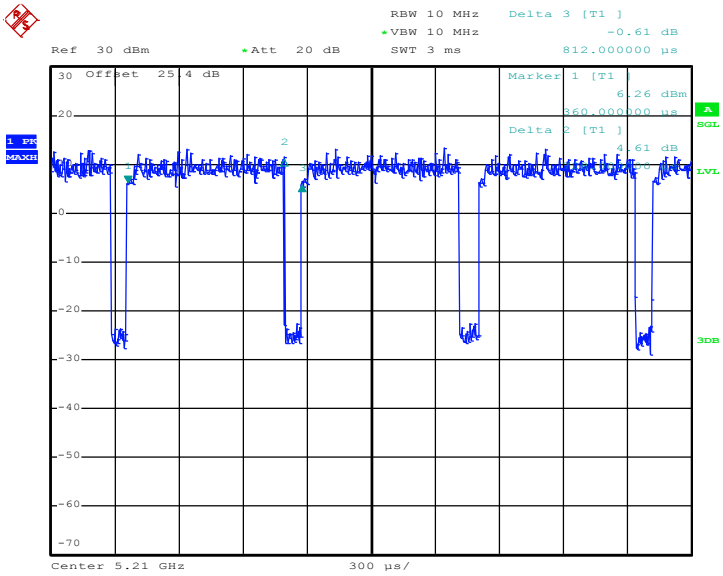

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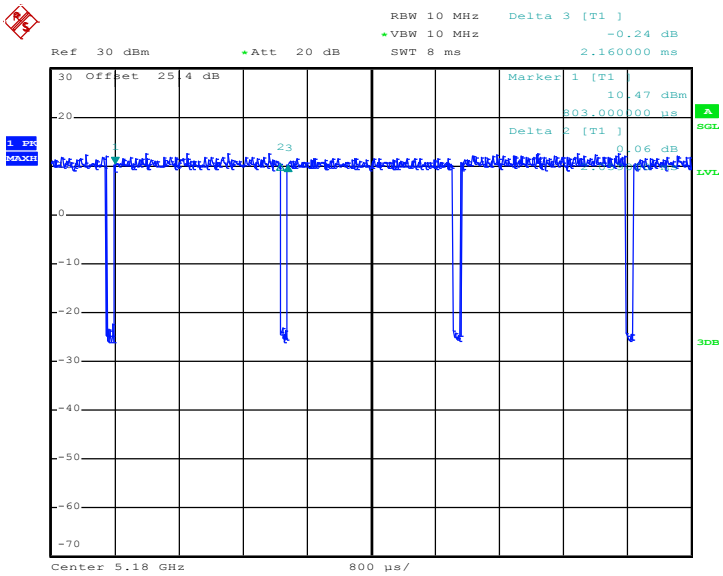

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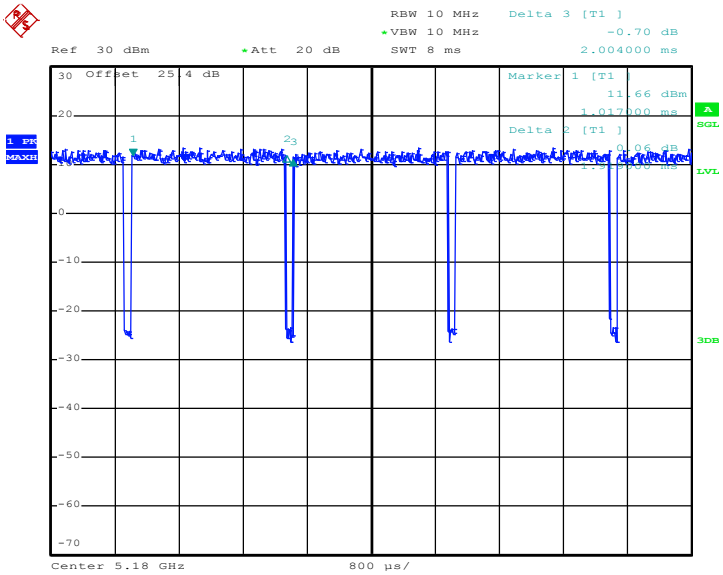

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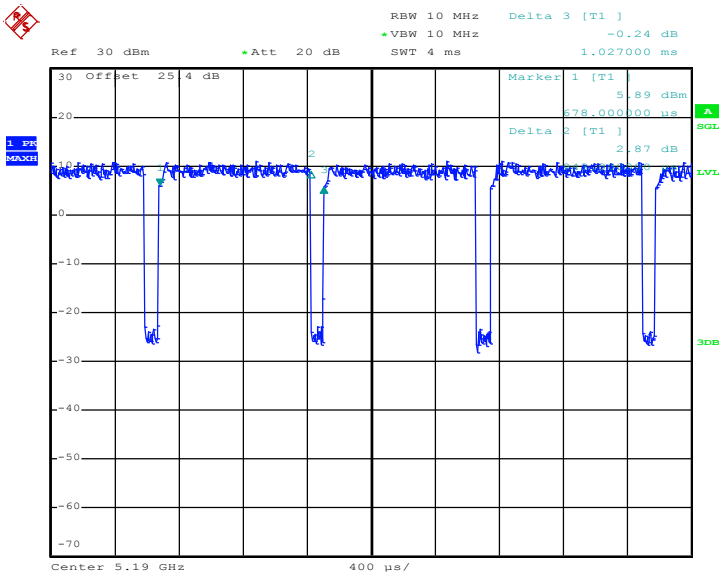

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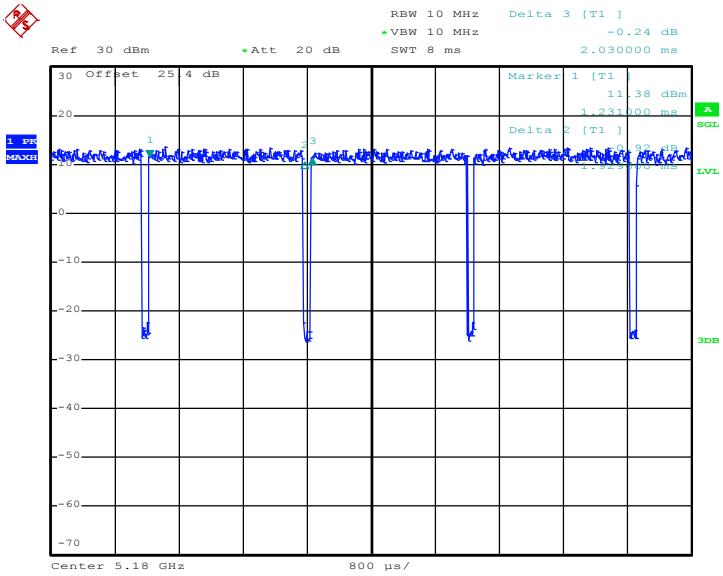

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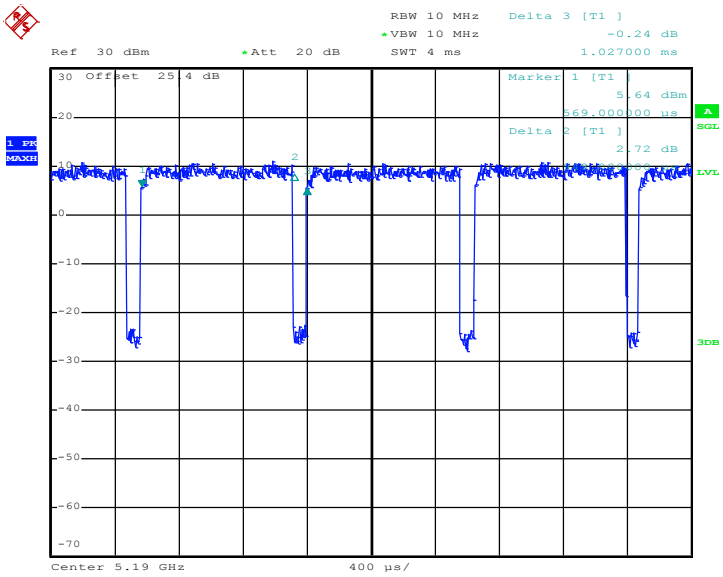

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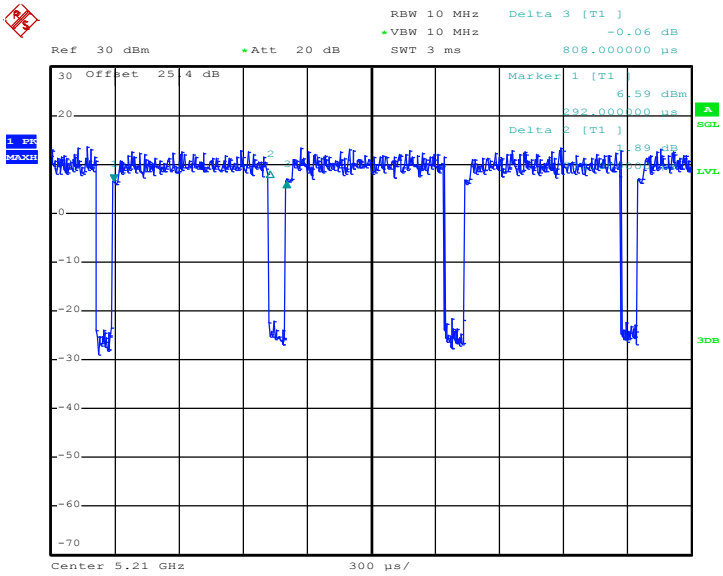

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