

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5500	17.21	23.98	Pass
	5580	17.06	23.98	Pass
	5700	16.75	23.98	Pass
	5720	16.02	23.98	Pass
802.11ac20	5500	16.66	23.98	Pass
	5580	16.52	23.98	Pass
	5700	16.26	23.98	Pass
	5720	15.42	23.98	Pass
802.11ac40	5510	17.15	23.98	Pass
	5550	16.97	23.98	Pass
	5670	16.73	23.98	Pass
	5710	16.47	23.98	Pass
802.11ac80	5530	16.72	23.98	Pass
	5610	16.3	23.98	Pass
	5690	16.15	23.98	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	16.73	30	Pass
	5785	16.64	30	Pass
	5825	16.68	30	Pass
802.11ac20	5745	16.46	30	Pass
	5785	16.32	30	Pass
	5825	16.27	30	Pass
802.11ac40	5755	16.61	30	Pass
	5795	16.55	30	Pass
802.11ac80	5775	15.96	30	Pass

Power Spectral Density

5150-5250MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5180	6.93	0.31	7.24	11	Pass
	5200	7.22	0.31	7.53	11	Pass
	5240	7.31	0.31	7.62	11	Pass
802.11ac20	5180	6.35	0.33	6.68	11	Pass
	5200	6.25	0.33	6.58	11	Pass
	5240	6.23	0.33	6.56	11	Pass
802.11ac40	5190	3.24	0.63	3.87	11	Pass
	5230	3.31	0.63	3.94	11	Pass
802.11ac80	5210	-0.54	1.19	0.65	11	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5260	7.03	0.31	7.34	11	Pass
	5280	6.90	0.31	7.21	11	Pass
	5320	6.88	0.31	7.19	11	Pass
802.11ac20	5260	6.46	0.33	6.79	11	Pass
	5280	6.25	0.33	6.58	11	Pass
	5320	6.09	0.33	6.42	11	Pass
802.11ac40	5270	3.16	0.63	3.79	11	Pass
	5310	3.11	0.63	3.74	11	Pass
802.11ac80	5290	-0.94	1.19	0.25	11	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5500	6.94	0.31	7.25	11	Pass
	5580	6.77	0.31	7.08	11	Pass
	5700	6.49	0.31	6.80	11	Pass
	5720	6.53	0.31	6.84	11	Pass
802.11ac20	5500	6.21	0.33	6.54	11	Pass
	5580	5.90	0.33	6.23	11	Pass
	5700	5.53	0.33	5.86	11	Pass
	5720	5.84	0.33	6.17	11	Pass
802.11ac40	5510	3.29	0.63	3.92	11	Pass
	5550	3.14	0.63	3.77	11	Pass
	5670	2.94	0.63	3.57	11	Pass
	5710	2.86	0.63	3.49	11	Pass
802.11ac80	5530	-0.65	1.19	0.54	11	Pass
	5610	-0.99	1.19	0.20	11	Pass
	5690	-0.99	1.19	0.20	11	Pass

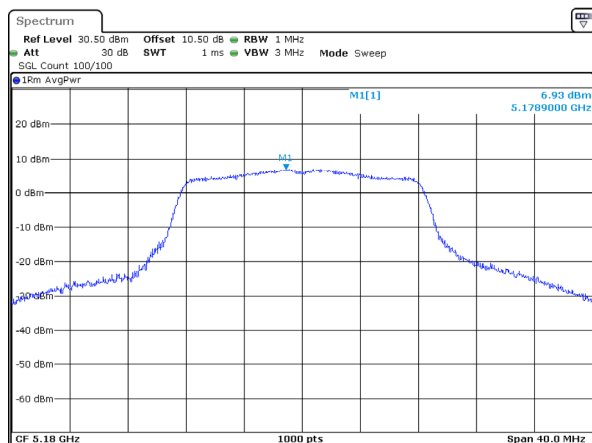
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	3.44	0.31	3.75	30	Pass
	5785	3.58	0.31	3.89	30	Pass
	5825	3.59	0.31	3.90	30	Pass
802.11ac20	5745	2.97	0.33	3.30	30	Pass
	5785	3.00	0.33	3.33	30	Pass
	5825	3.08	0.33	3.41	30	Pass
802.11ac40	5755	0.23	0.63	0.86	30	Pass
	5795	-0.05	0.63	0.58	30	Pass
802.11ac80	5775	-4.20	1.19	-3.01	30	Pass

Result = Reading + Duty Cycle Factor

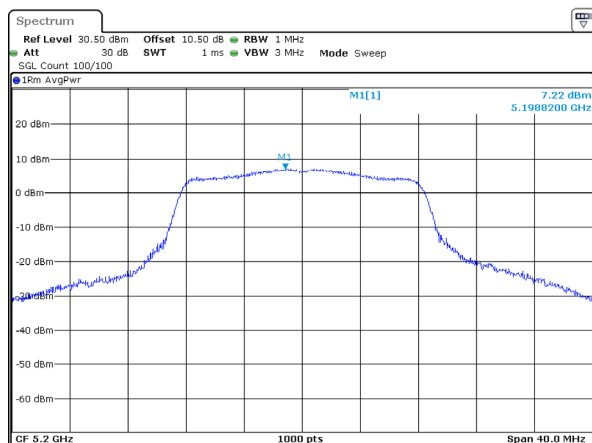
5150-5250MHz

802.11a_5180MHz



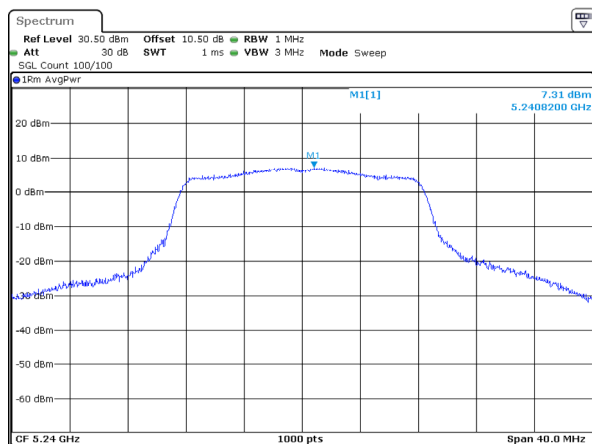
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802.11a_5200MHz



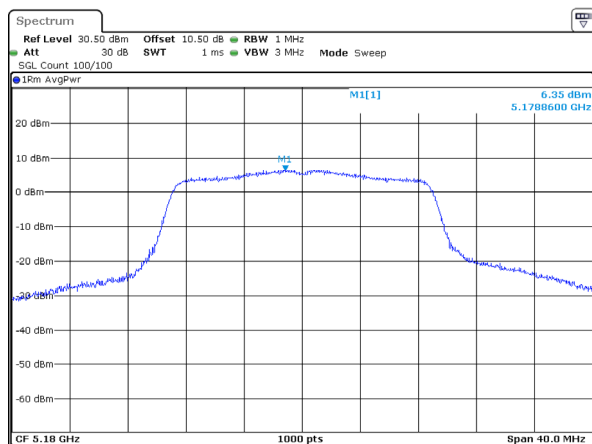
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802.11a_5240MHz



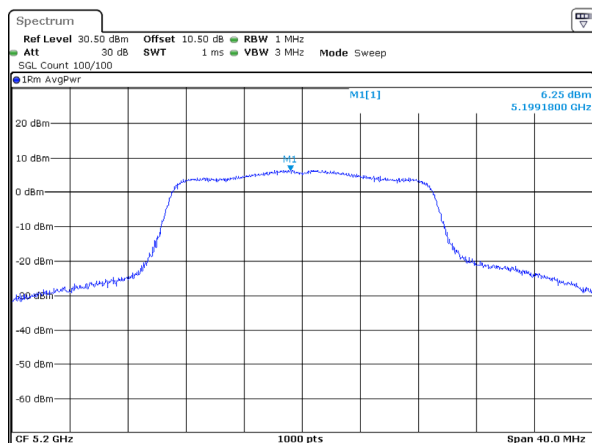
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802.11ac20_5180MHz



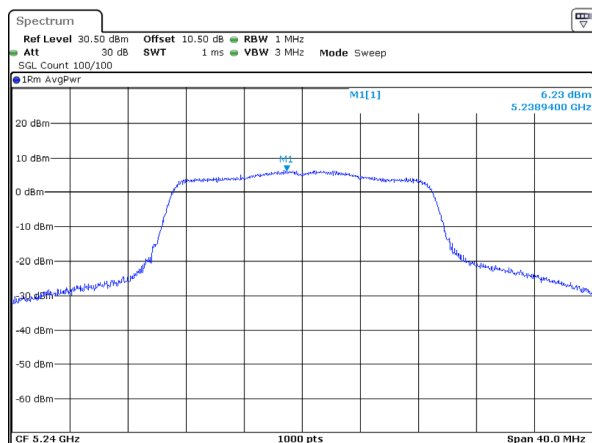
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802.11ac20_5200MHz



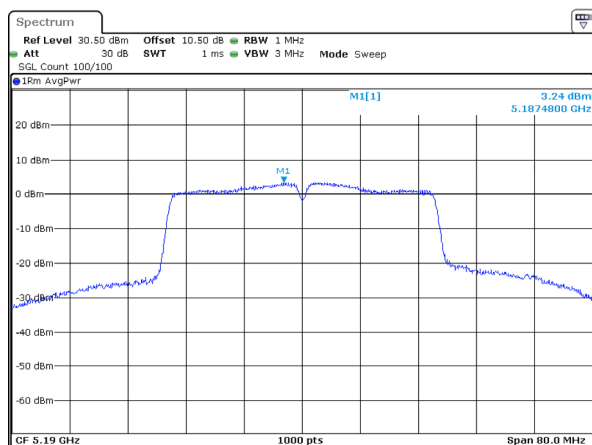
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802.11ac20_5240MHz



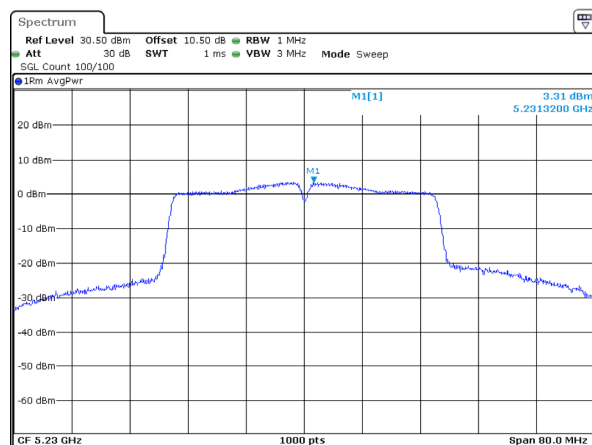
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802.11ac40_5190MHz



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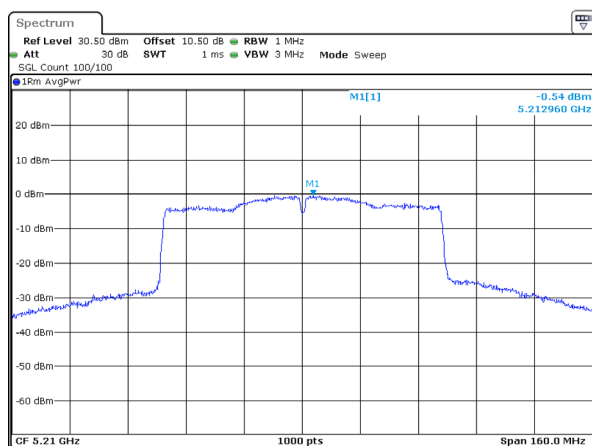
802.11ac40_5230MHz



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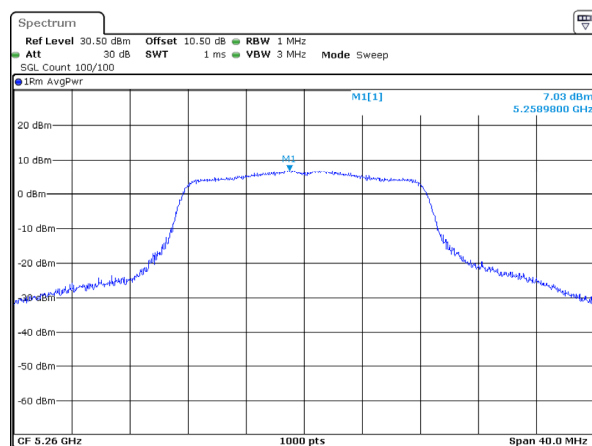
5250-5350MHz

802.11ac80_5210MHz



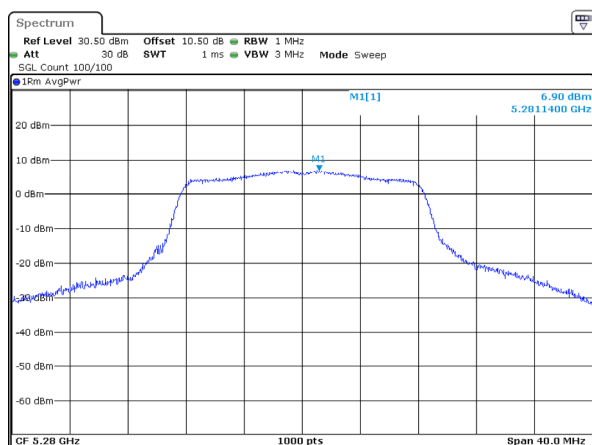
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802.11a_5260MHz



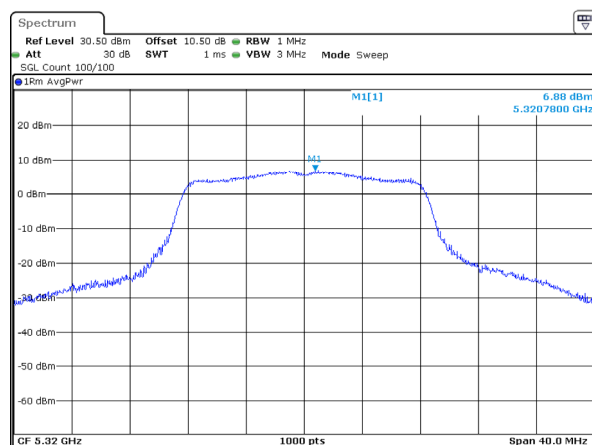
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802.11a_5280MHz



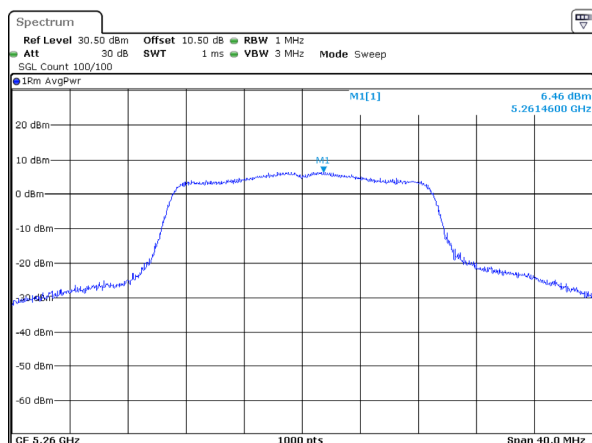
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802.11a_5320MHz



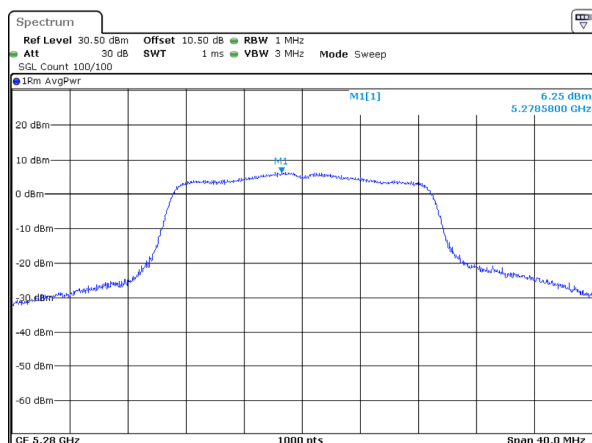
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802.11ac20_5260MHz



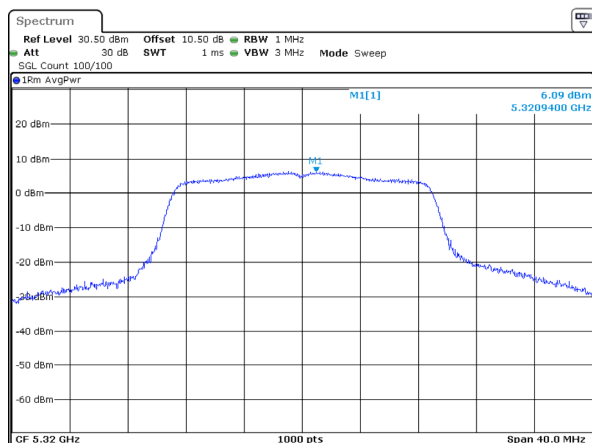
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802.11ac20_5280MHz



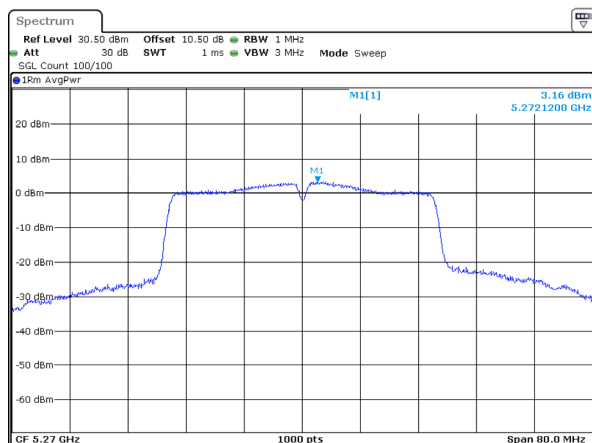
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802.11ac20_5320MHz



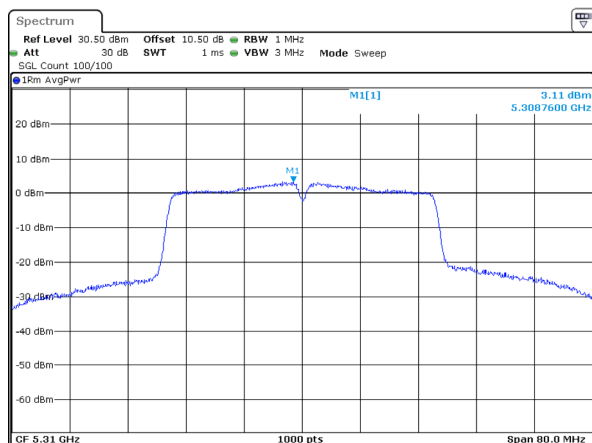
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802.11ac40_5270MHz



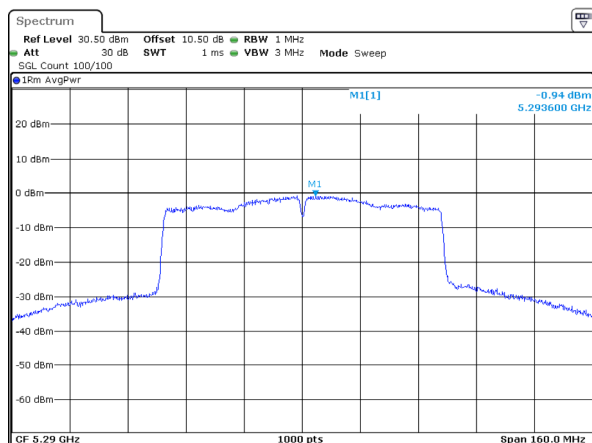
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802.11ac40_5310MHz



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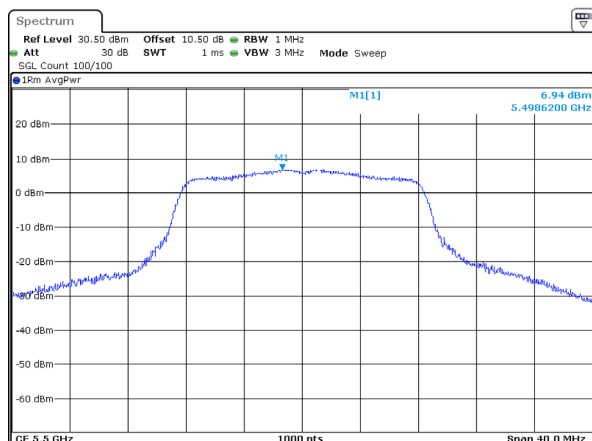
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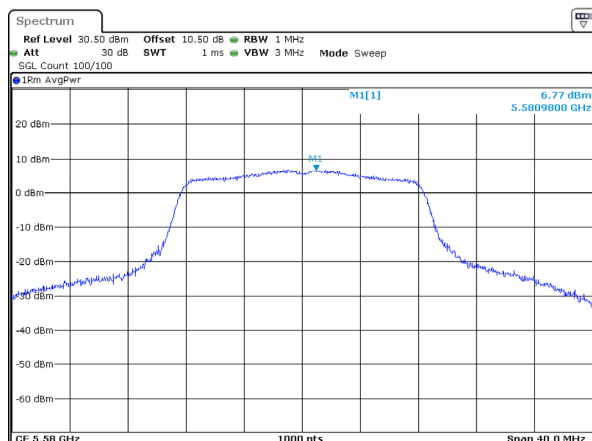
5470-5725MHz

802.11a_5500MHz



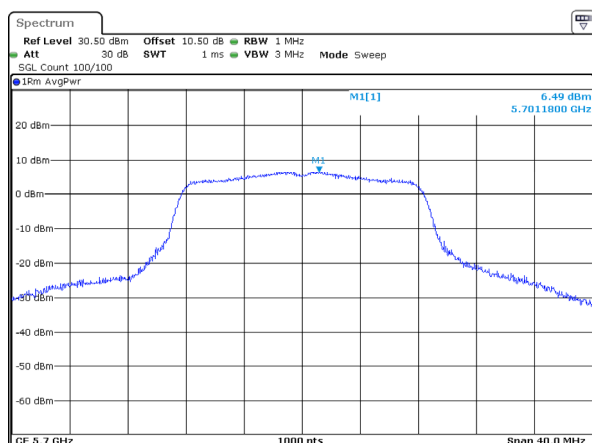
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802.11a_5580MHz



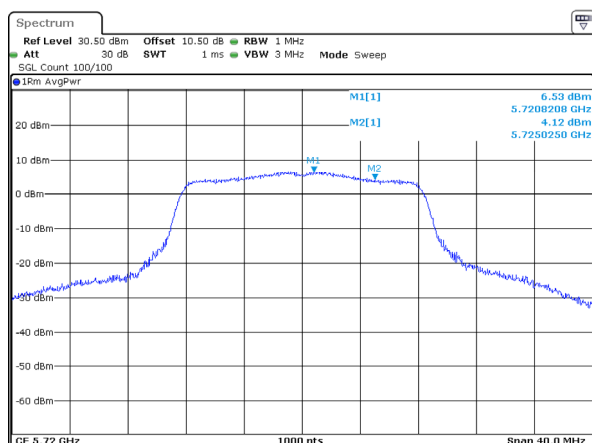
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802.11a_5700MHz



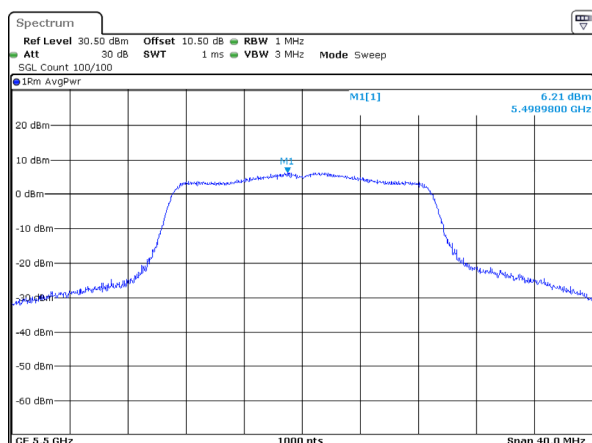
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802.11a_5720MHz



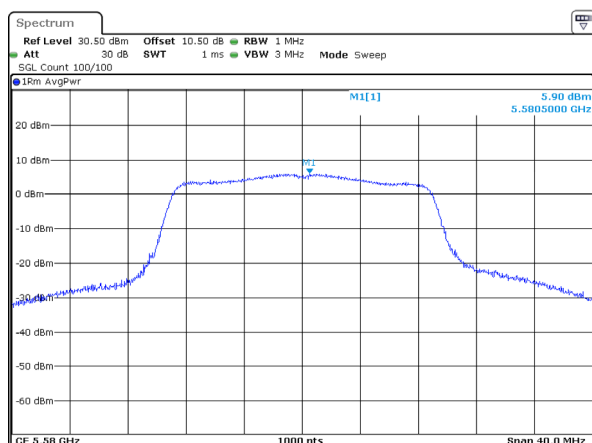
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802.11ac20_5500MHz



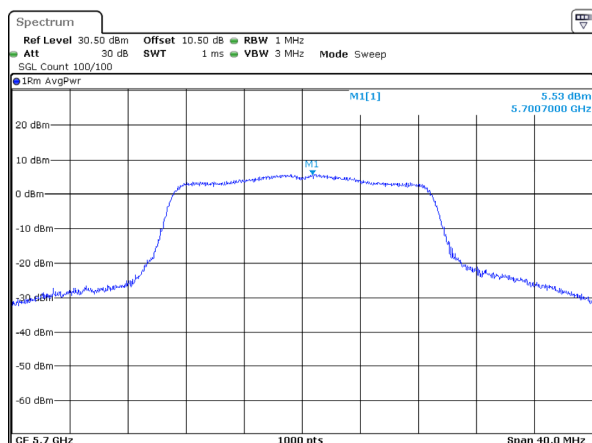
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802.11ac20_5580MHz



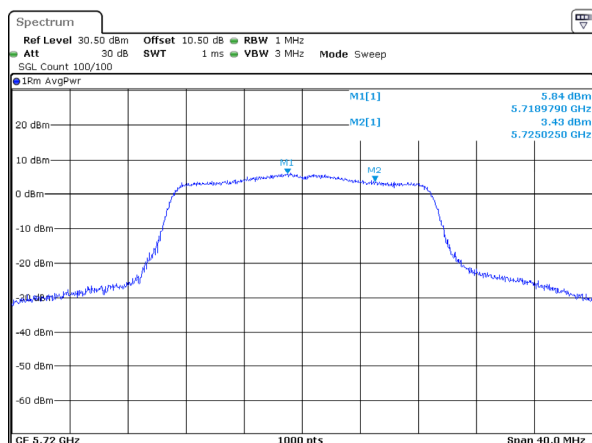
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802.11ac20_5700MHz



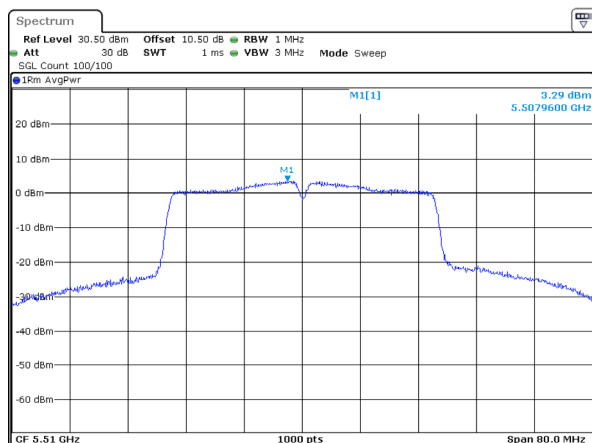
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802.11ac20_5720MHz



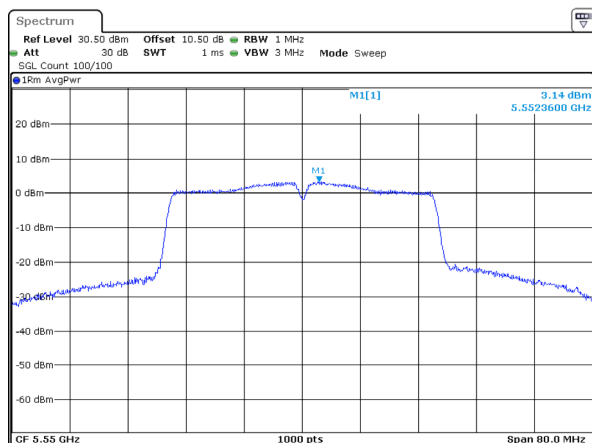
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802.11ac40_5510MHz



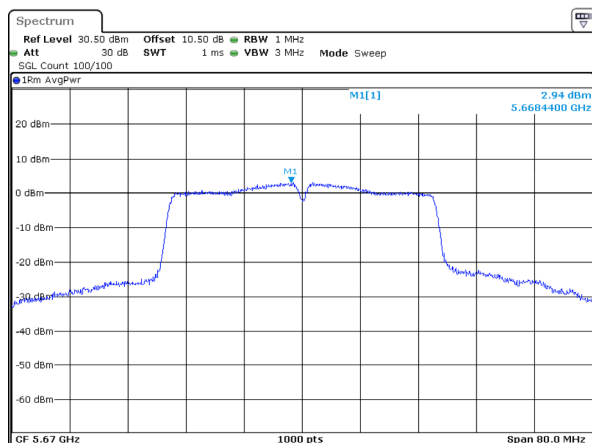
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802.11ac40_5550MHz



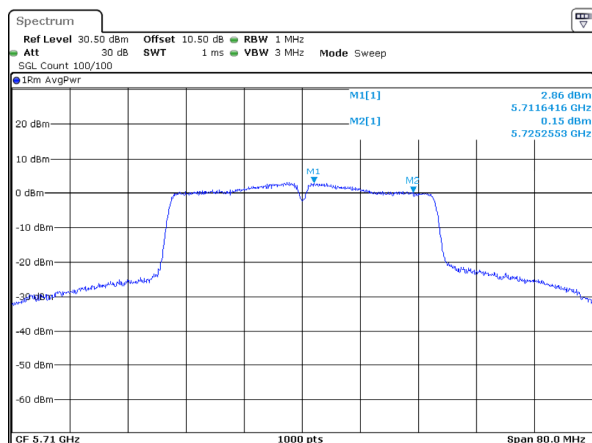
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802.11ac40_5670MHz



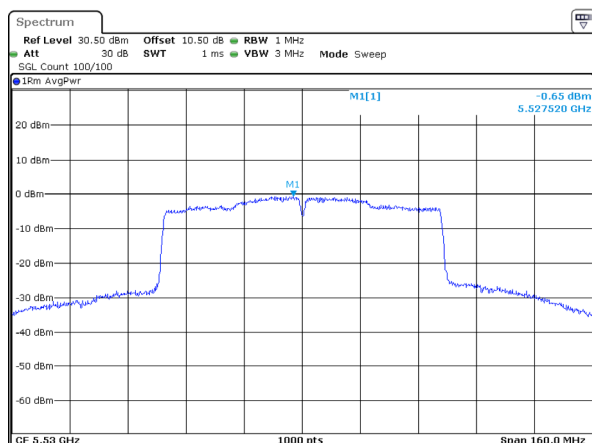
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802.11ac40_5710MHz



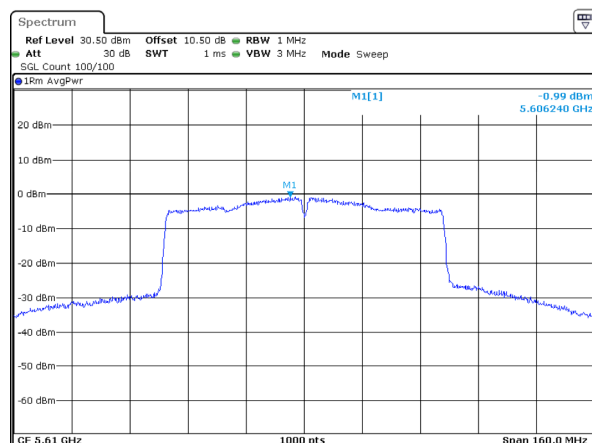
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802.11ac80_5530MHz



ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
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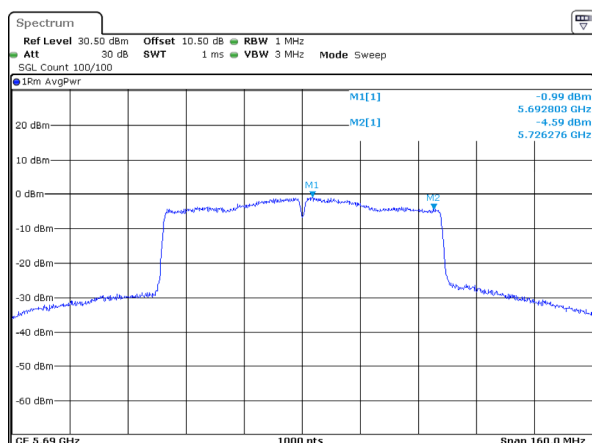
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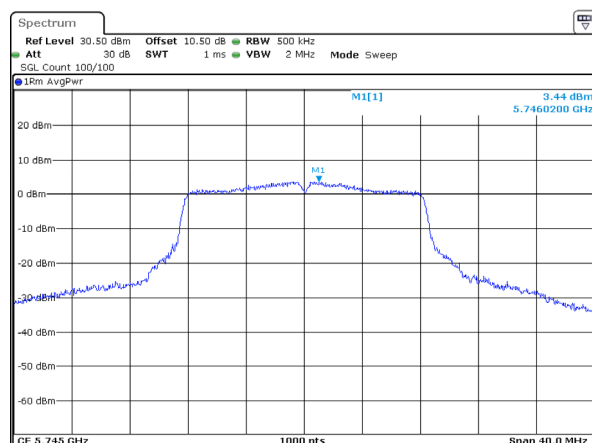
5725-5850MHz

802.11ac80_5690MHz



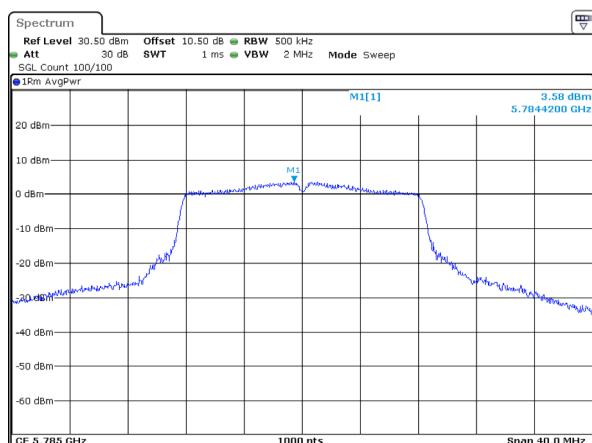
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802.11a_5745MHz



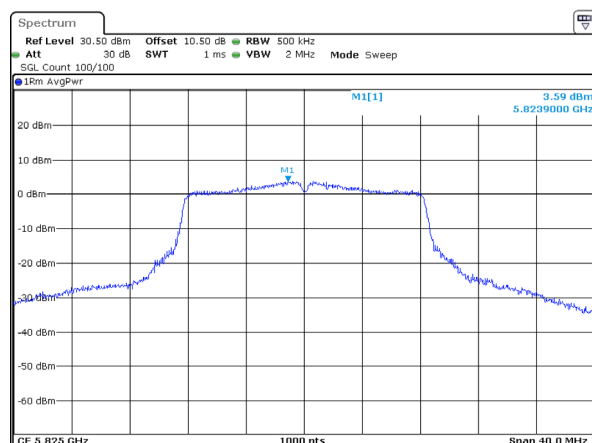
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802.11a_5785MHz



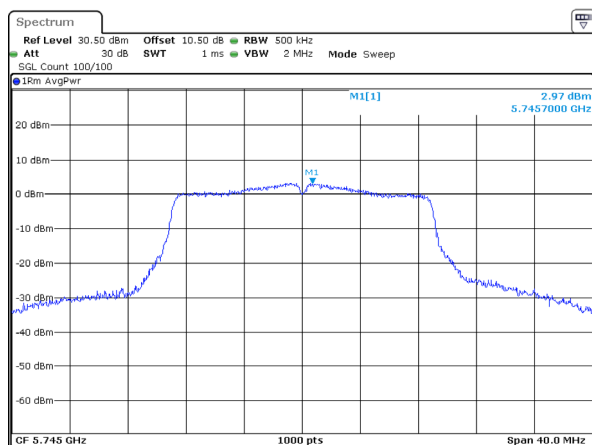
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802.11a_5825MHz



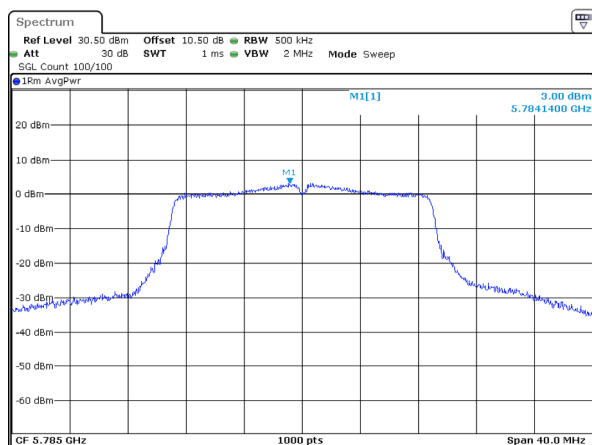
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802.11ac20_5745MHz



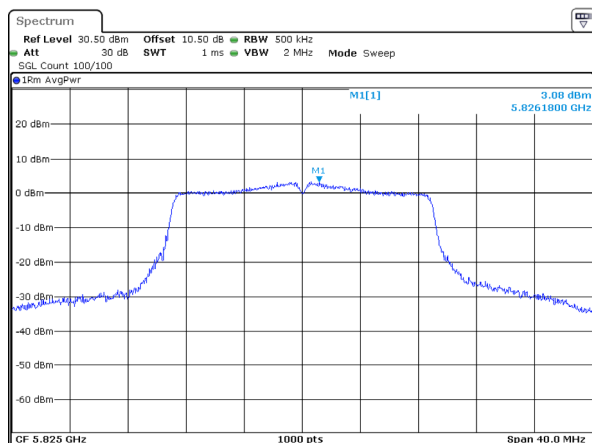
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802.11ac20_5785MHz



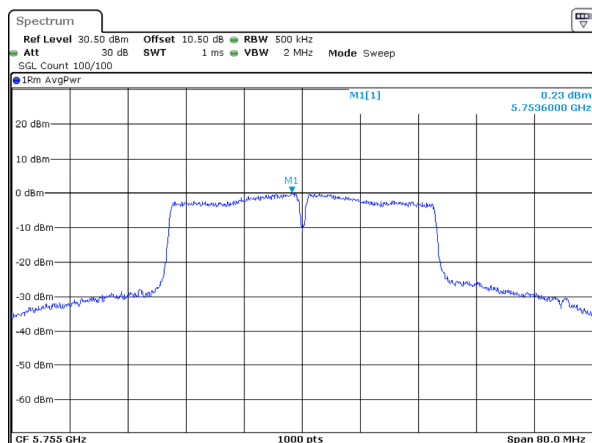
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802.11ac20_5825MHz



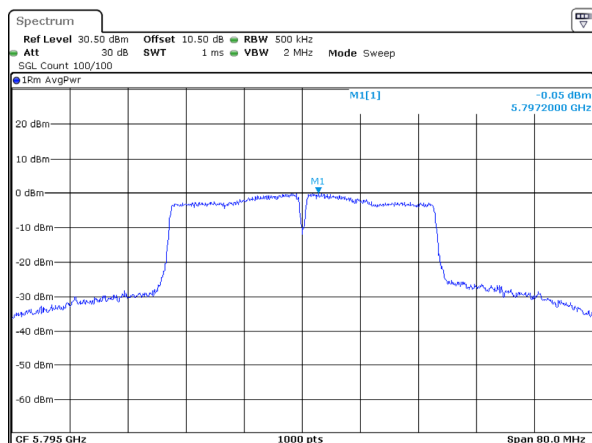
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802.11ac40_5755MHz



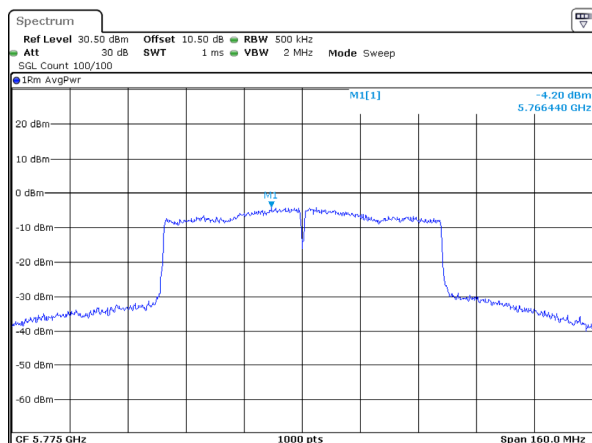
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802.11ac40_5795MHz



ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
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802.11ac80_5775MHz



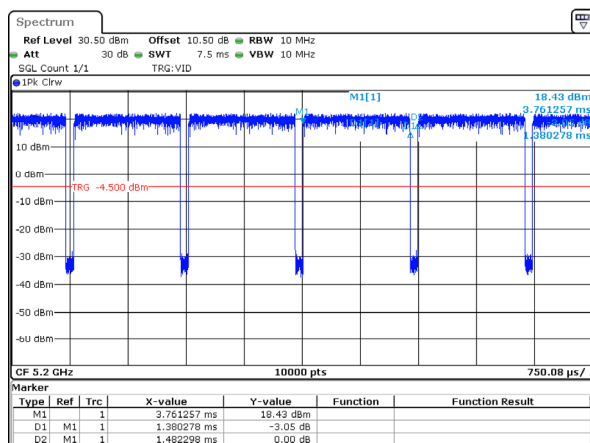
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Duty Cycle

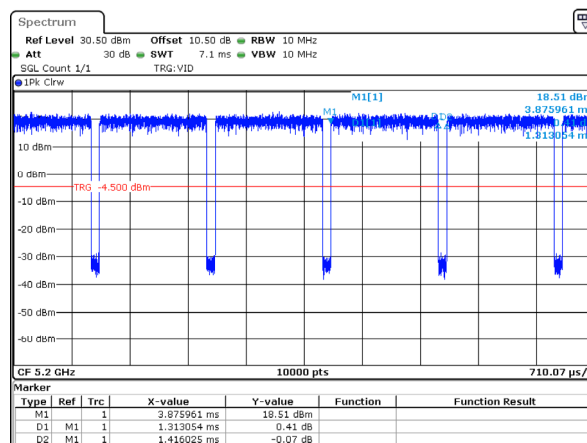
Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	1.380	1.482	93.12	0.31	725	1
802.11ac20	5200	1.313	1.416	92.73	0.33	762	1
802.11ac40	5190	0.642	0.742	86.52	0.63	1558	2
802.11ac80	5210	0.323	0.425	76.00	1.19	3096	5

Duty Cycle = Ton/(Ton+Toff)*100%

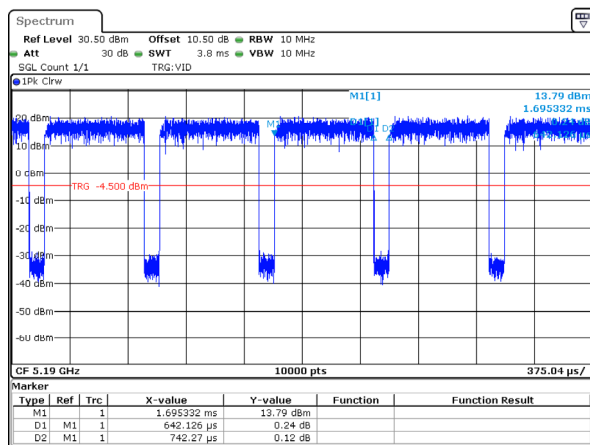
802.11a_5200MHz



802.11ac20_5200MHz



802.11ac40_5190MHz



802.11ac80_5210MHz

