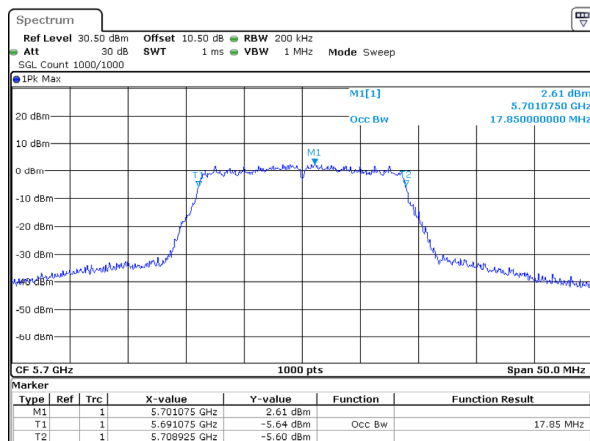
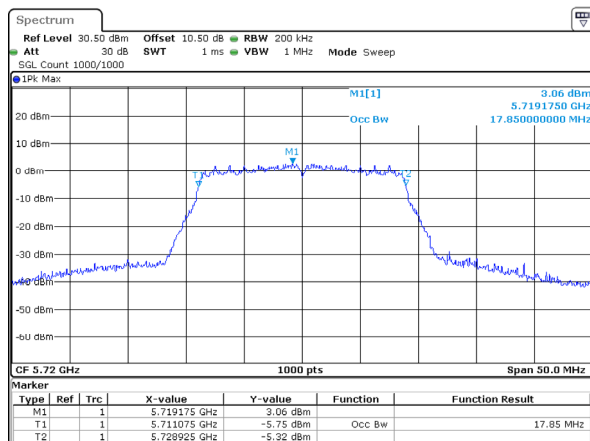


802.11ac20_5700MHz



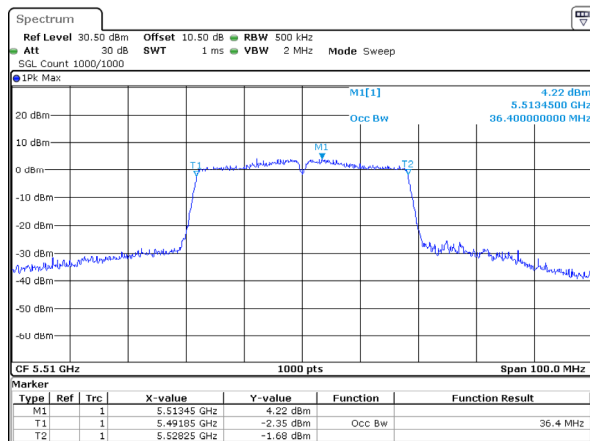
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Date: 14.DEC.2024 18:02:49

802.11ac20_5720MHz



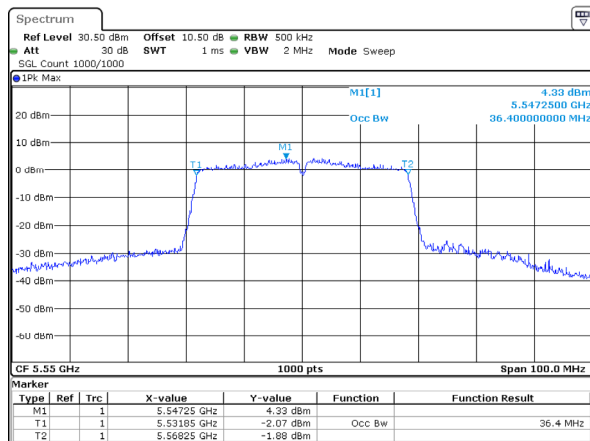
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Date: 14.DEC.2024 18:05:21

802.11ac40_5510MHz



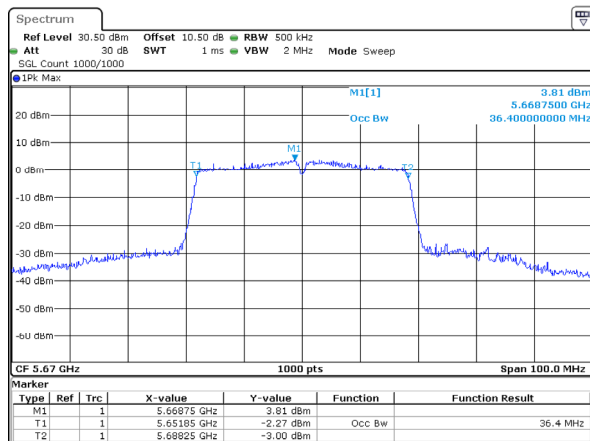
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802.11ac40_5550MHz



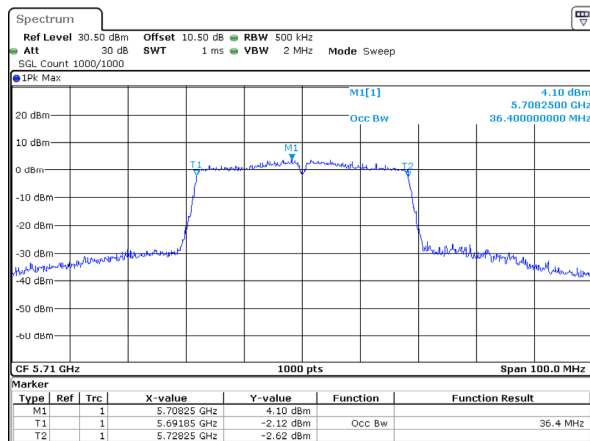
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Date: 14.DEC.2024 18:09:21

802.11ac40_5670MHz



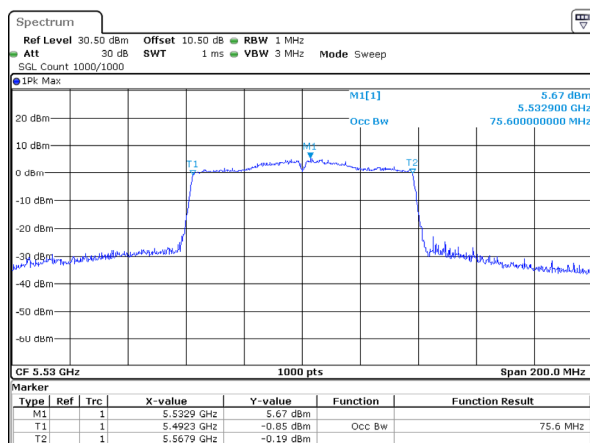
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802.11ac40_5710MHz

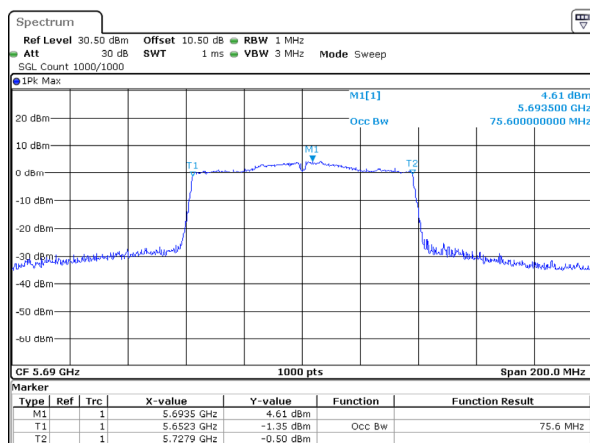


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Date: 14.DEC.2024 18:14:30

802.11ac80_5530MHz

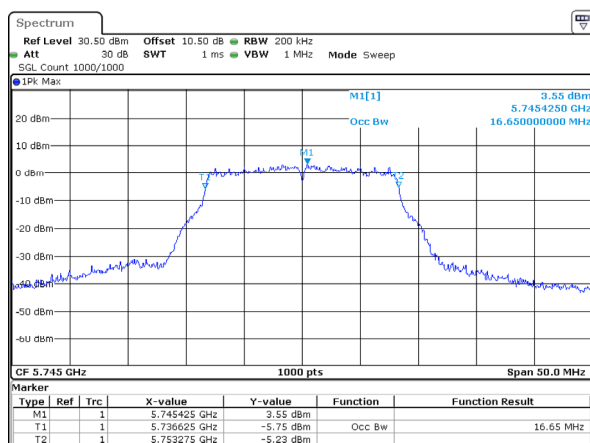


802.11ac80_5690MHz

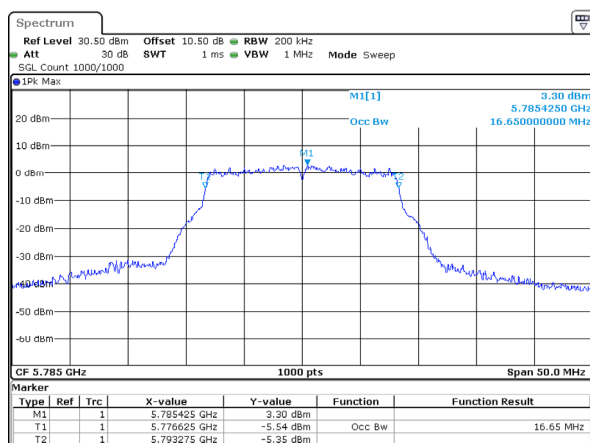


5725-5850MHz

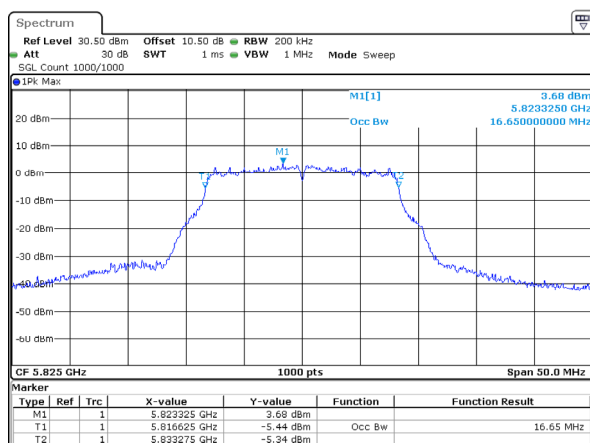
802.11a_5745MHz



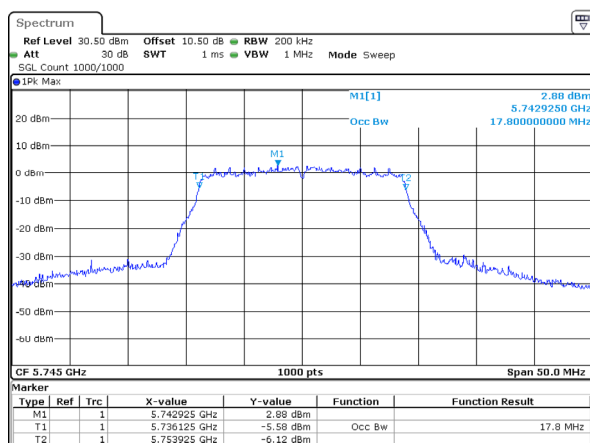
802.11a_5785MHz



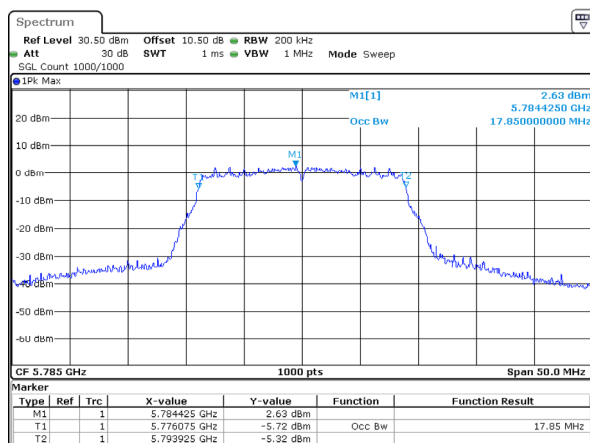
802.11a_5825MHz



802.11ac20_5745MHz

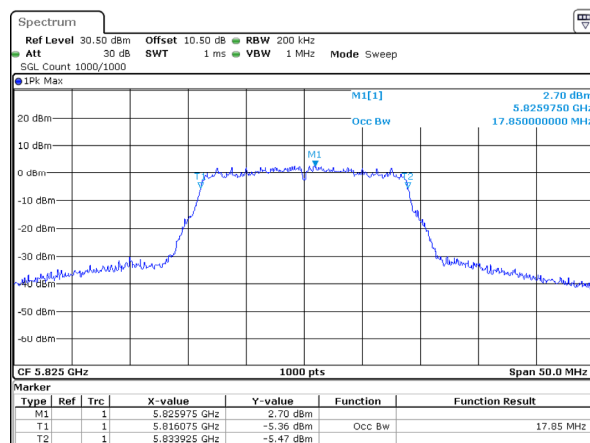


802.11ac20_5785MHz



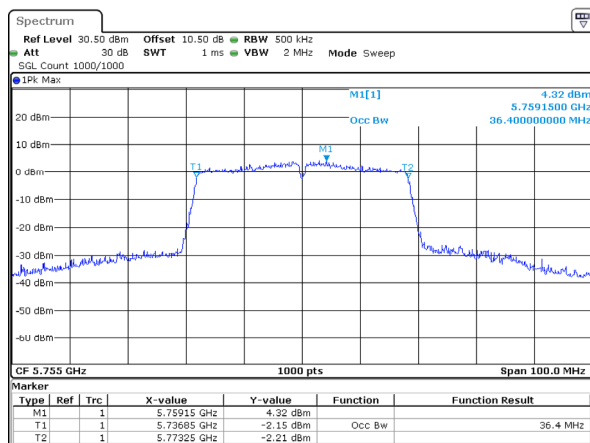
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802.11ac20_5825MHz



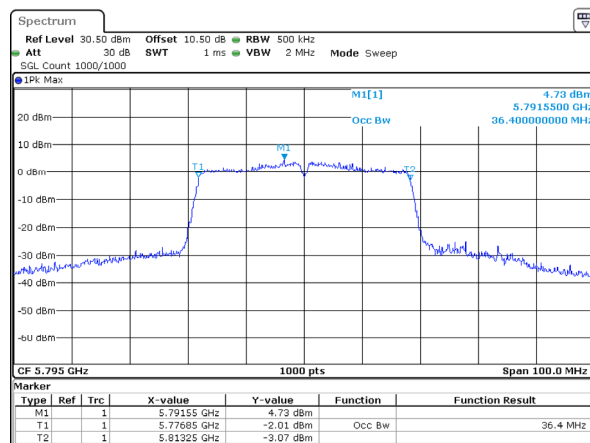
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802.11ac40_5755MHz



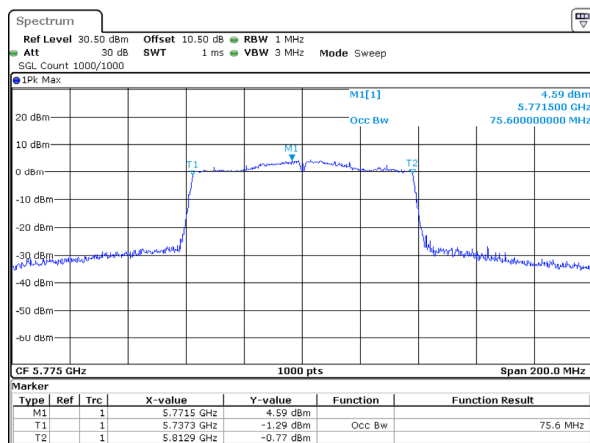
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802.11ac40_5795MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:49:47

802.11ac80_5775MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:51:32

Maximum Conducted Output Power

5150-5250MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5180	13.62	23.98	Pass
	5200	13.53	23.98	Pass
	5240	13.7	23.98	Pass
802.11ac20	5180	13.14	23.98	Pass
	5200	13.39	23.98	Pass
	5240	13.35	23.98	Pass
802.11ac40	5190	12.87	23.98	Pass
	5230	13.24	23.98	Pass
802.11ac80	5210	12.78	23.98	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5260	13.85	24	Pass
	5280	13.81	24	Pass
	5320	14.11	24	Pass
802.11ac20	5260	13.39	24	Pass
	5280	13.47	24	Pass
	5320	13.7	24	Pass
802.11ac40	5270	13.1	24	Pass
	5310	13.29	24	Pass
802.11ac80	5290	13.05	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5500	13.51	24	Pass
	5580	13.31	24	Pass
	5700	13.09	24	Pass
	5720	12.96	24	Pass
802.11ac20	5500	13.1	24	Pass
	5580	13.01	24	Pass
	5700	12.69	24	Pass
	5720	12.8	24	Pass
802.11ac40	5510	13.4	24	Pass
	5550	13.18	24	Pass
	5670	12.77	24	Pass
	5710	12.87	24	Pass
802.11ac80	5530	12.85	24	Pass
	5690	12.46	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	13.23	30	Pass
	5785	13.02	30	Pass
	5825	13.04	30	Pass
802.11ac20	5745	12.79	30	Pass
	5785	12.73	30	Pass
	5825	12.7	30	Pass
802.11ac40	5755	13.0	30	Pass
	5795	12.95	30	Pass
802.11ac80	5775	12.48	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	1.47	0.30	1.77	11	Pass
	5200	3.32	0.30	3.62	11	Pass
	5240	3.47	0.30	3.77	11	Pass
802.11ac20	5180	2.61	0.32	2.93	11	Pass
	5200	2.90	0.32	3.22	11	Pass
	5240	2.84	0.32	3.16	11	Pass
802.11ac40	5190	-0.89	0.63	-0.26	11	Pass
	5230	-0.46	0.63	0.17	11	Pass
802.11ac80	5210	-4.39	1.19	-3.20	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	3.31	0.30	3.61	11	Pass
	5280	3.50	0.30	3.80	11	Pass
	5320	3.84	0.30	4.14	11	Pass
802.11ac20	5260	2.97	0.32	3.29	11	Pass
	5280	2.94	0.32	3.26	11	Pass
	5320	3.17	0.32	3.49	11	Pass
802.11ac40	5270	-0.85	0.63	-0.22	11	Pass
	5310	-0.48	0.63	0.15	11	Pass
802.11ac80	5290	-3.94	1.19	-2.75	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	3.17	0.30	3.47	11	Pass
	5580	3.15	0.30	3.45	11	Pass
	5700	2.93	0.30	3.23	11	Pass
	5720	2.85	0.30	3.15	11	Pass
802.11ac20	5500	2.81	0.32	3.13	11	Pass
	5580	2.41	0.32	2.73	11	Pass
	5700	2.28	0.32	2.60	11	Pass
	5720	2.26	0.32	2.58	11	Pass
802.11ac40	5510	-0.67	0.63	-0.04	11	Pass
	5550	-0.53	0.63	0.10	11	Pass
	5670	-1.09	0.63	-0.46	11	Pass
	5710	-0.92	0.63	-0.29	11	Pass
802.11ac80	5530	-4.26	1.19	-3.07	11	Pass
	5690	-5.04	1.19	-3.85	11	Pass

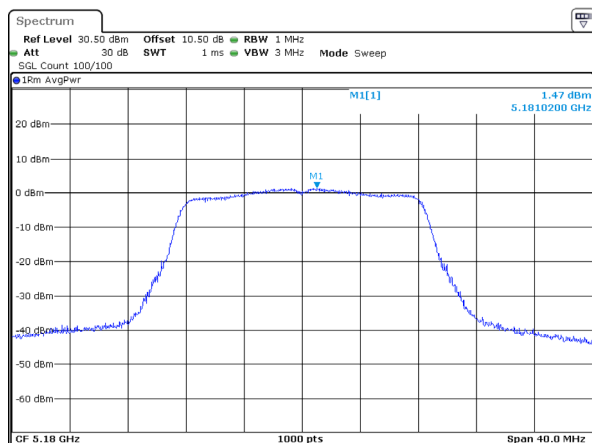
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	-0.02	0.30	0.28	30	Pass
	5785	-0.07	0.30	0.23	30	Pass
	5825	-0.04	0.30	0.26	30	Pass
802.11ac20	5745	-0.55	0.32	-0.23	30	Pass
	5785	-0.88	0.32	-0.56	30	Pass
	5825	-0.47	0.32	-0.15	30	Pass
802.11ac40	5755	-3.89	0.63	-3.26	30	Pass
	5795	-3.96	0.63	-3.33	30	Pass
802.11ac80	5775	-7.80	1.19	-6.61	30	Pass

Result = Reading + Duty Cycle Factor

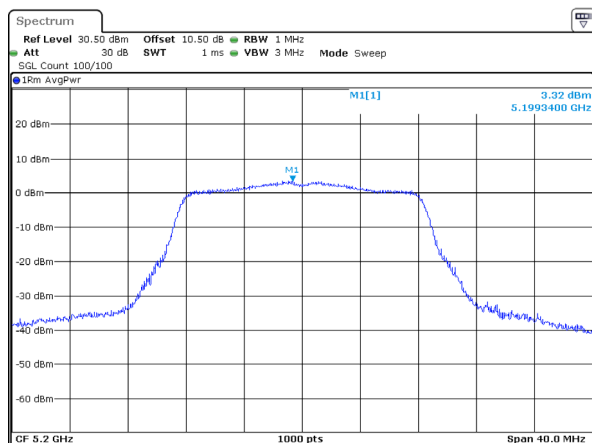
5150-5250MHz

802.11a_5180MHz



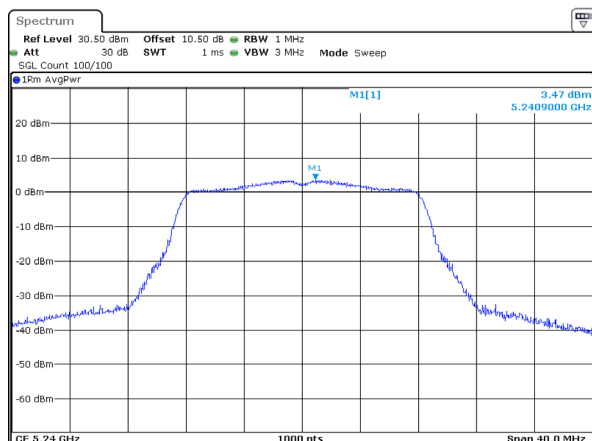
ProjectNo.:2401Z42777E-RF Testers:Rainbow Zhu
Date: 14.DEC.2024 14:49:05

802.11a_5200MHz



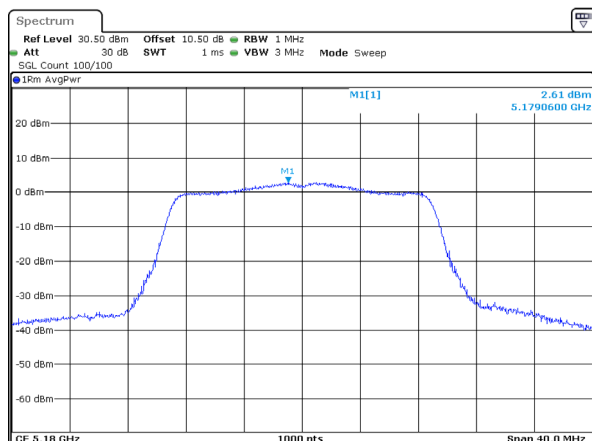
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802.11a_5240MHz



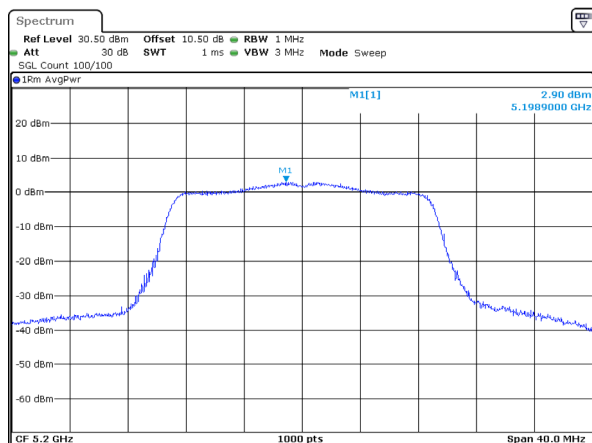
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802.11ac20_5180MHz



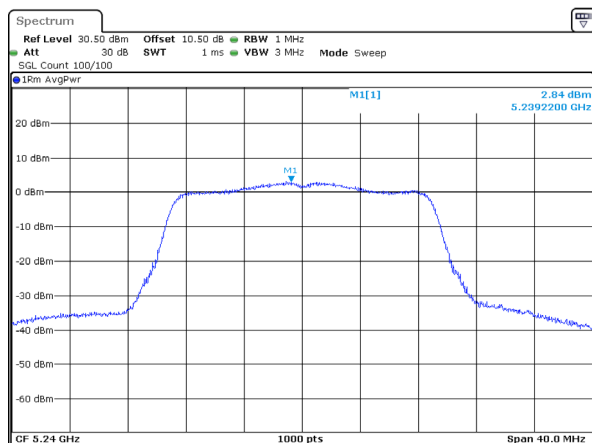
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Date: 14.DEC.2024 15:21:56

802.11ac20_5200MHz



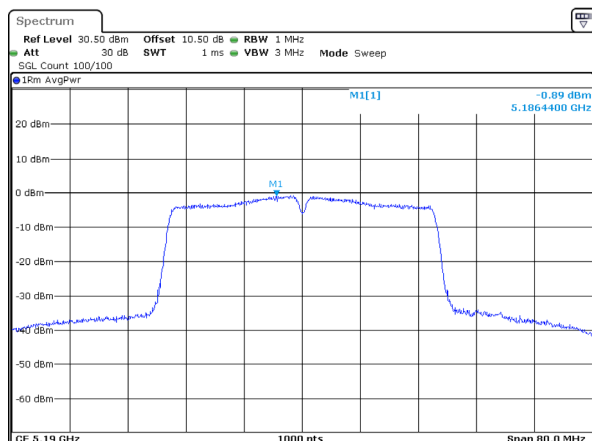
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802.11ac20_5240MHz



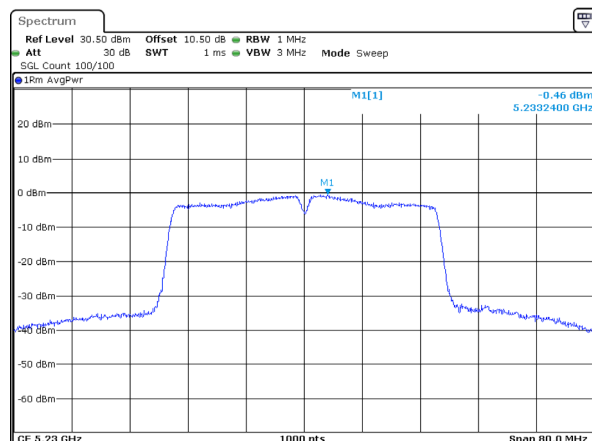
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Date: 14.DEC.2024 15:26:21

802.11ac40_5190MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 15:27:54

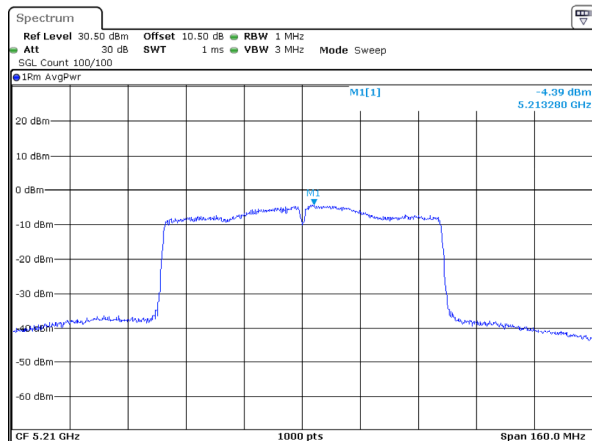
802.11ac40_5230MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 15:29:21

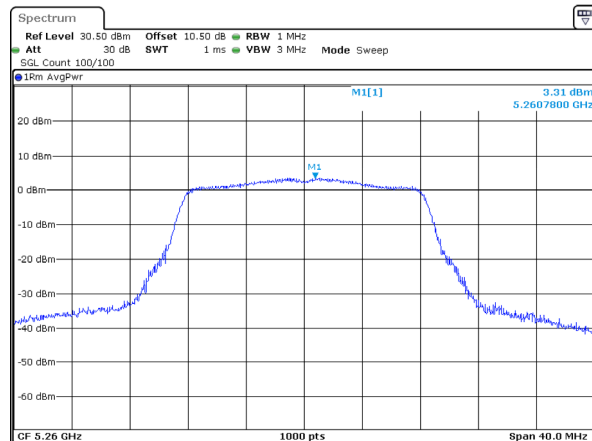
5250-5350MHz

802.11ac80_5210MHz



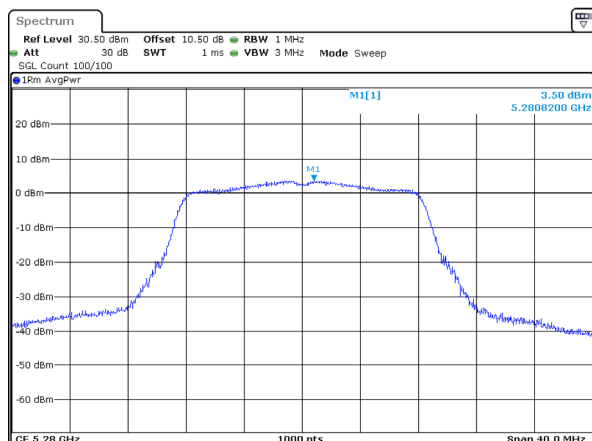
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802.11a_5260MHz



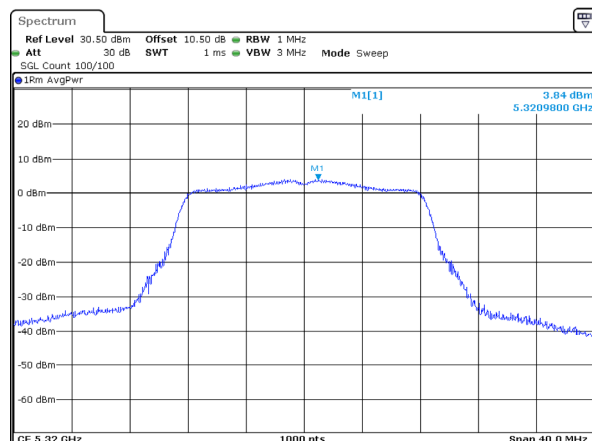
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Date: 14.DEC.2024 16:28:38

802.11a_5280MHz



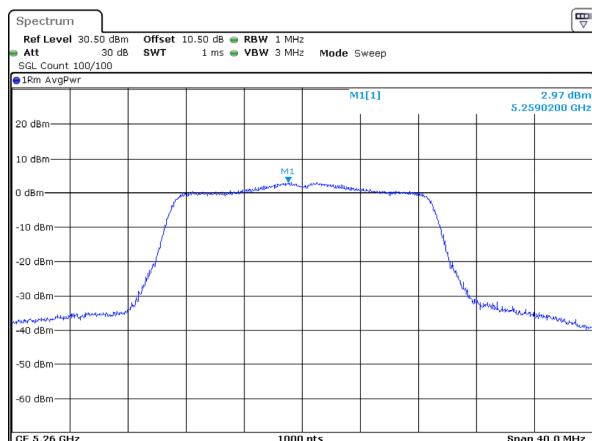
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802.11a_5320MHz



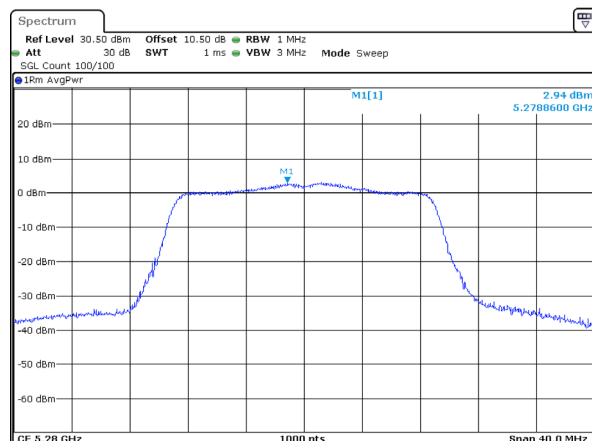
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802.11ac20_5260MHz



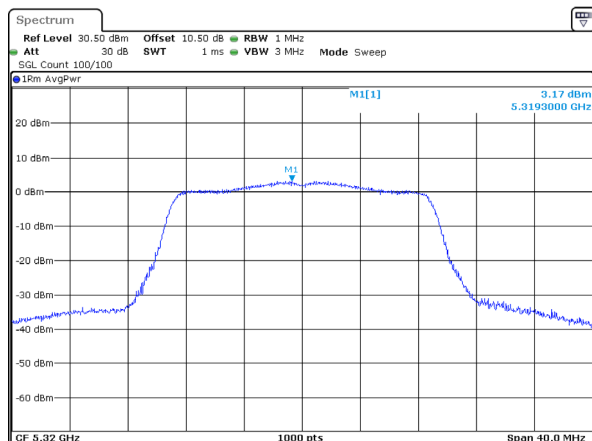
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802.11ac20_5280MHz



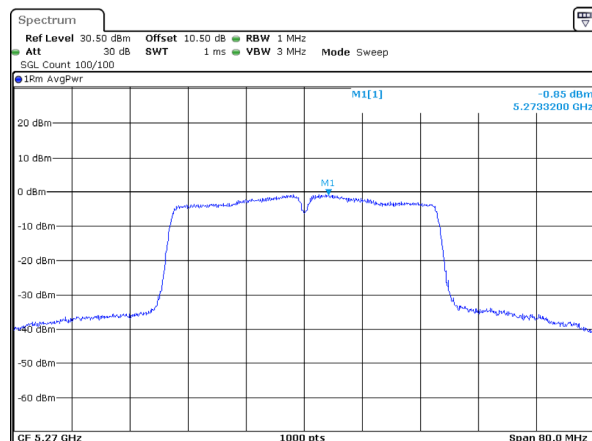
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802.11ac20_5320MHz



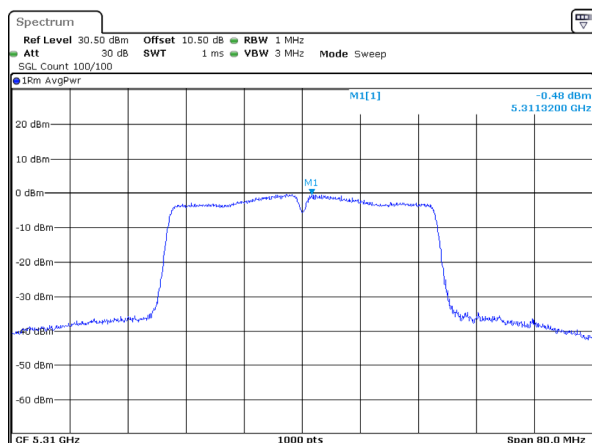
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Date: 14.DEC.2024 17:03:51

802.11ac40_5270MHz



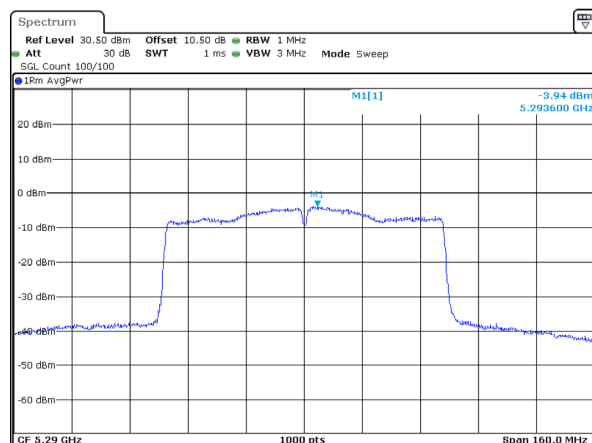
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Date: 14.DEC.2024 17:05:49

802.11ac40_5310MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 17:07:26

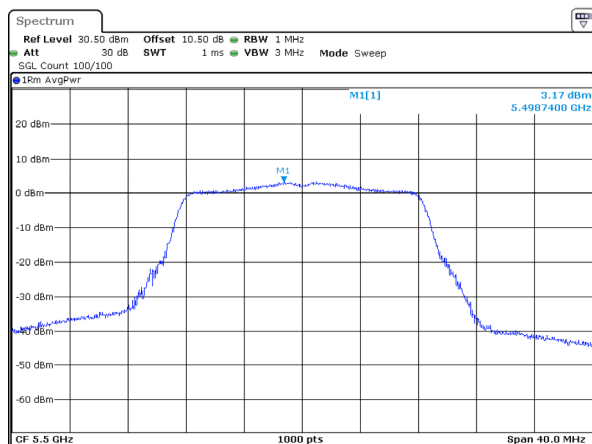
802.11ac80_5290MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 17:09:19

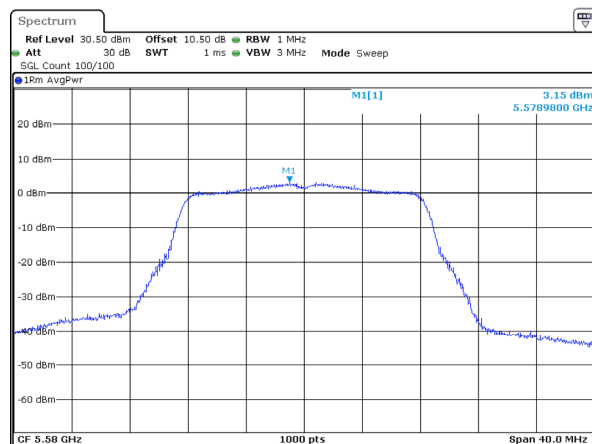
5470-5725MHz

802.11a_5500MHz



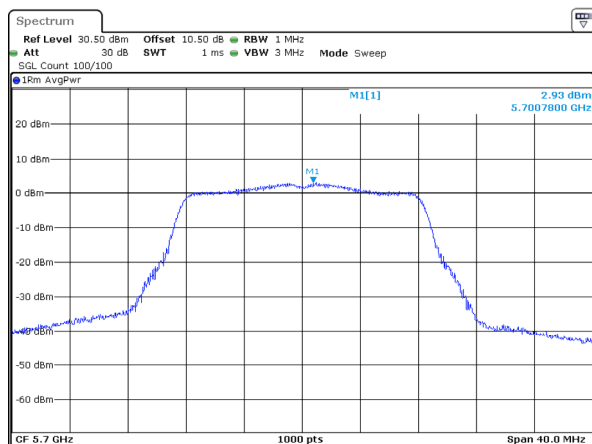
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802.11a_5580MHz



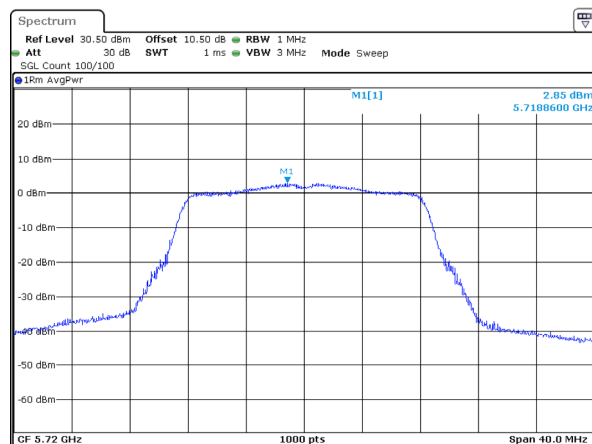
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802.11a_5700MHz



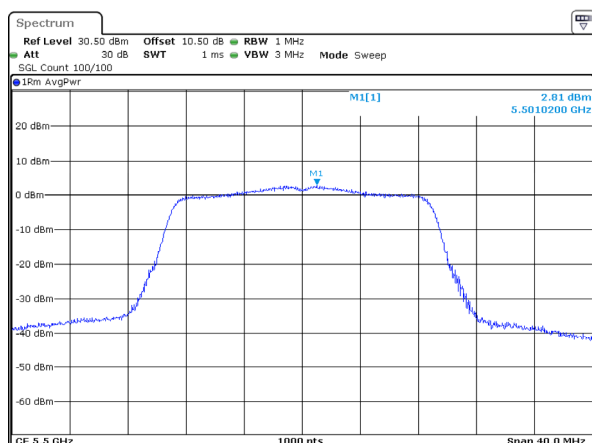
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802.11a_5720MHz



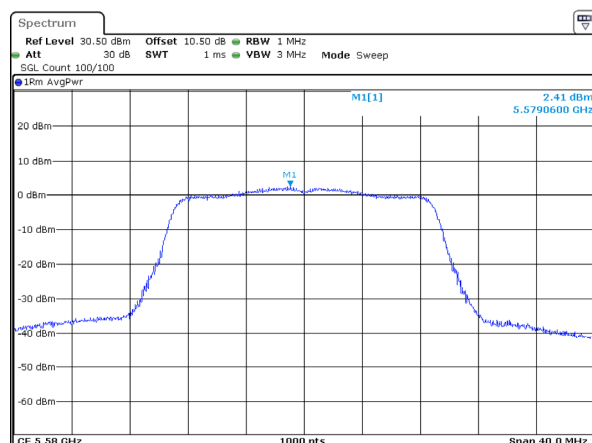
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802.11ac20_5500MHz



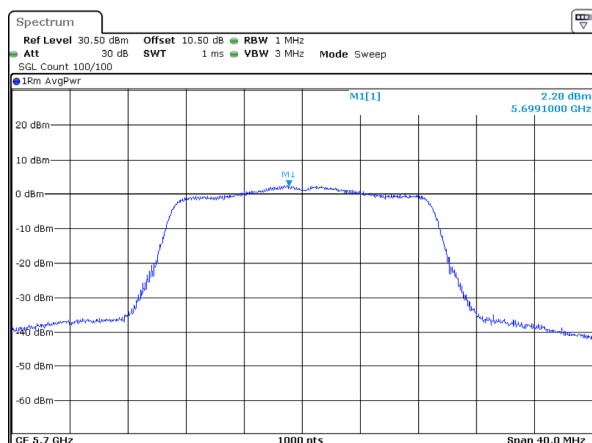
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Date: 14.DEC.2024 17:57:58

802.11ac20_5580MHz



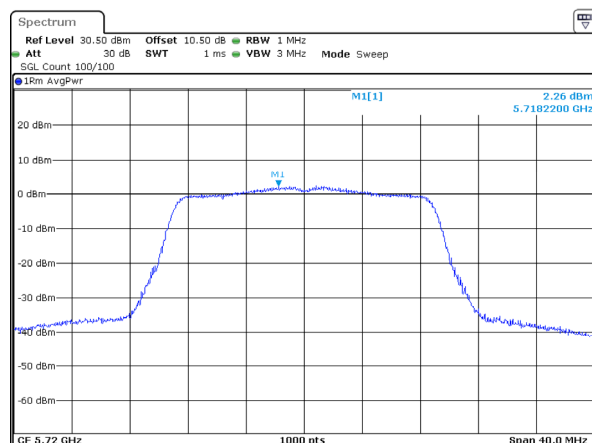
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Date: 14.DEC.2024 18:00:27

802.11ac20_5700MHz



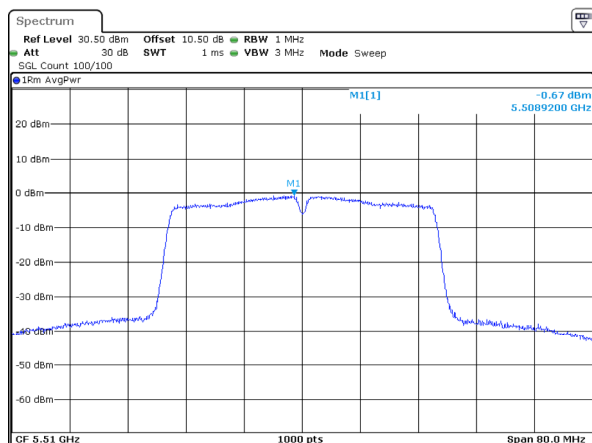
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802.11ac20_5720MHz



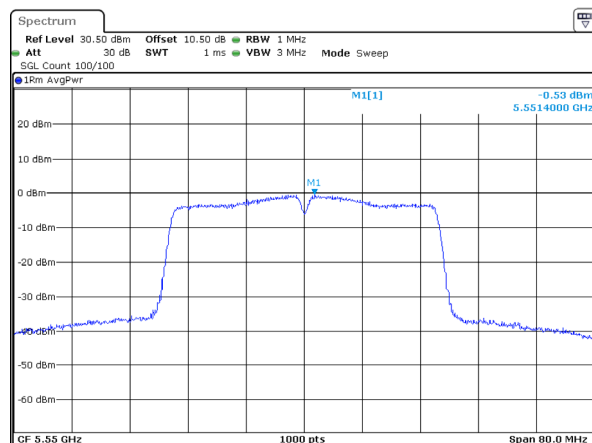
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Date: 14.DEC.2024 18:05:43

802.11ac40_5510MHz



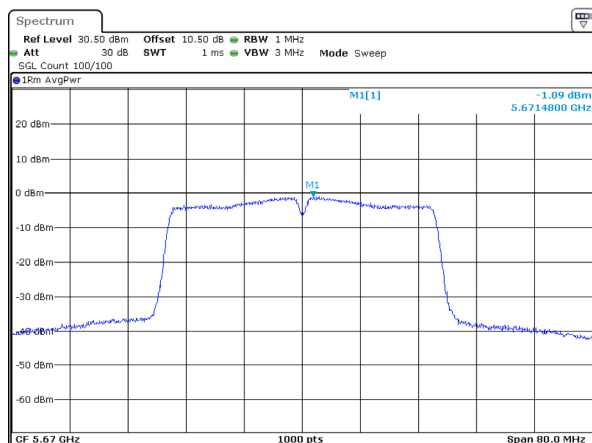
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Date: 14.DEC.2024 18:07:26

802.11ac40_5550MHz



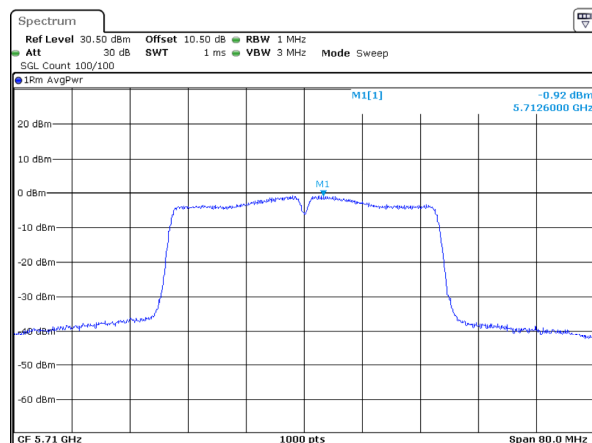
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802.11ac40_5670MHz



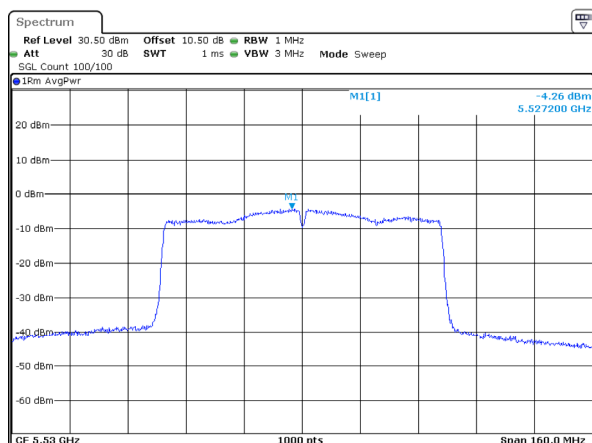
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802.11ac40_5710MHz



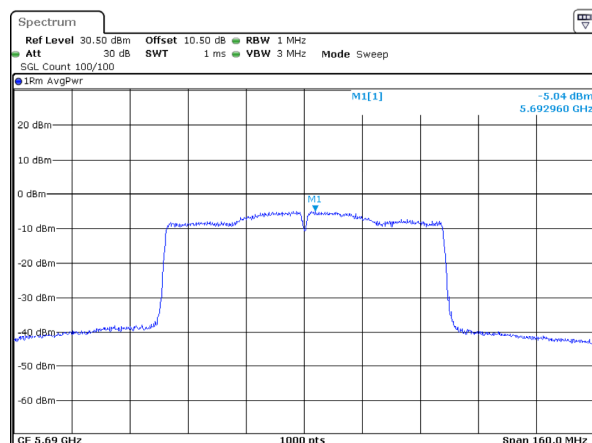
ProjectNo.:2401242777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:14:53

802.11ac80_5530MHz



ProjectNo.:2401242777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:17:05

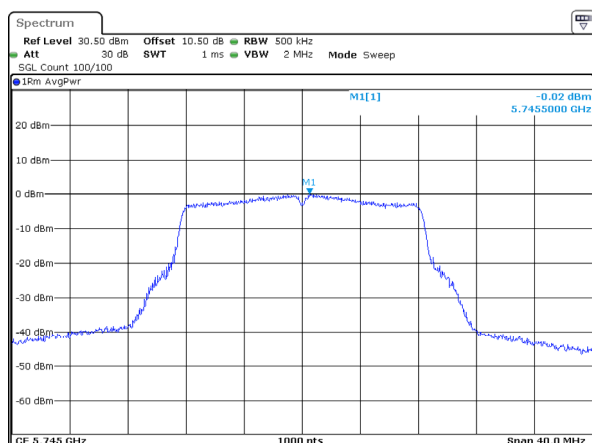
802.11ac80_5690MHz



ProjectNo.:2401242777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:21:55

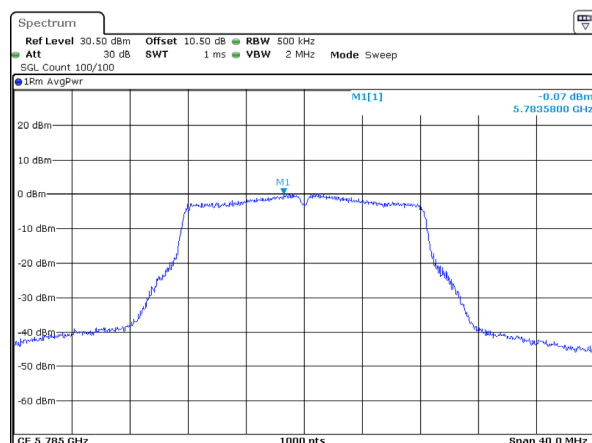
5725-5850MHz

802.11a_5745MHz



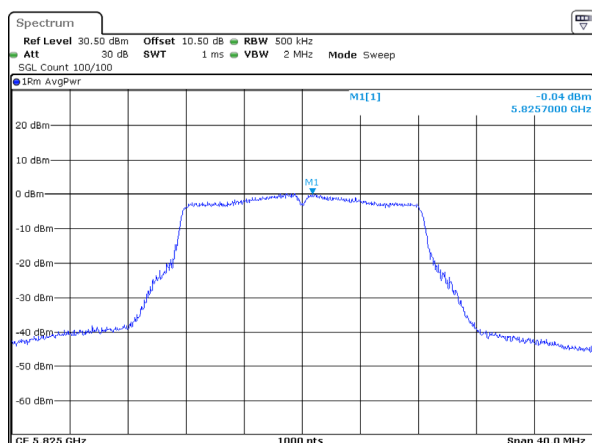
ProjectNo.:2401242777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:25:19

802.11a_5785MHz



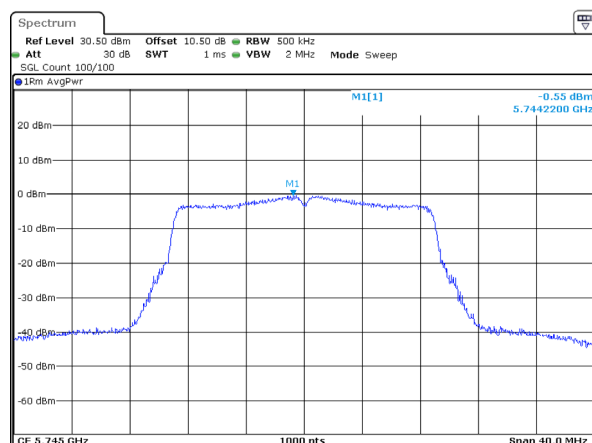
ProjectNo.:2401242777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:27:46

802.11a_5825MHz



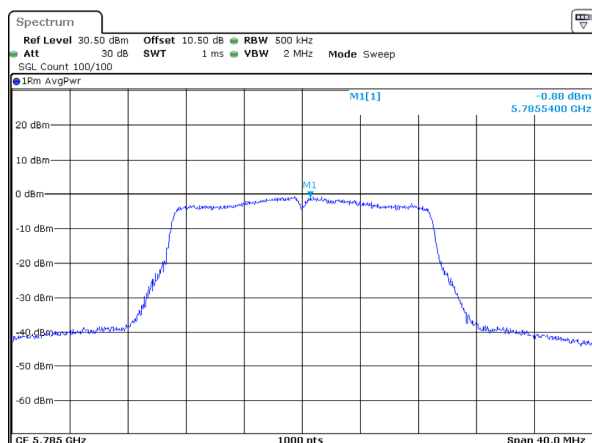
ProjectNo.:2401242777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:29:48

802.11ac20_5745MHz



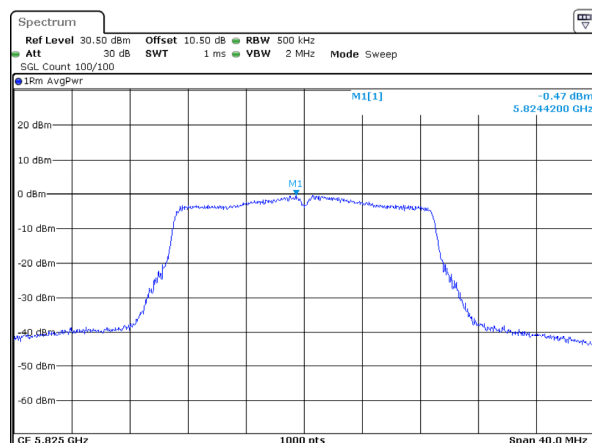
ProjectNo.:2401242777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:42:39

802.11ac20_5785MHz



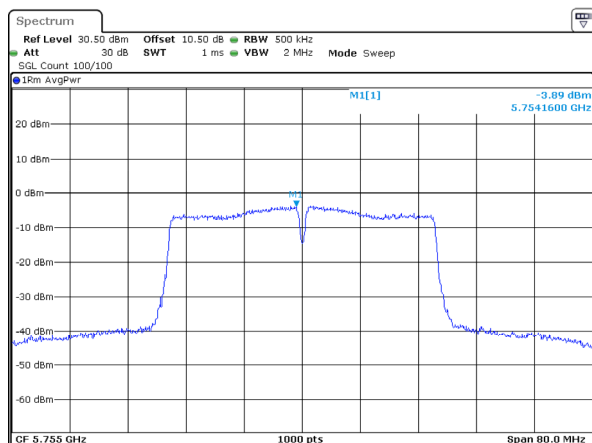
ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:45:23

802.11ac20_5825MHz



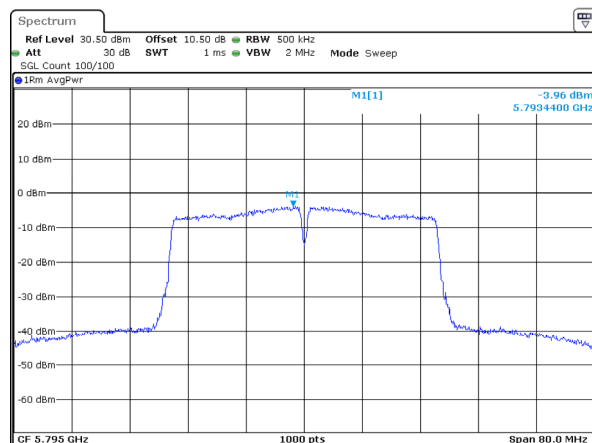
ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:47:23

802.11ac40_5755MHz



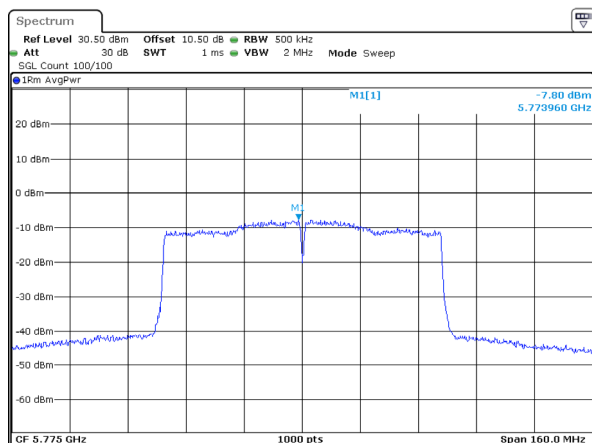
ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:48:49

802.11ac40_5795MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:50:11

802.11ac80_5775MHz



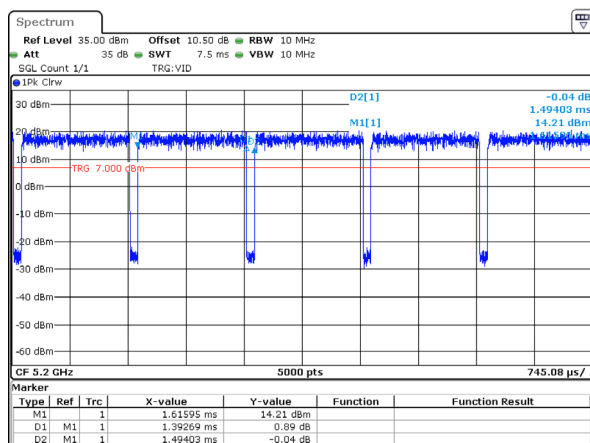
ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 18:51:58

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	1.393	1.494	93.24	0.30	718	1
802.11ac20	5200	1.314	1.416	92.80	0.32	761	1
802.11ac40	5190	0.649	0.751	86.42	0.63	1541	2
802.11ac80	5210	0.319	0.420	75.95	1.19	3135	5

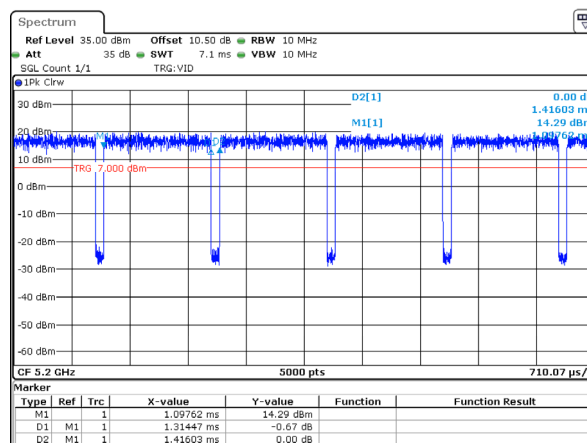
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



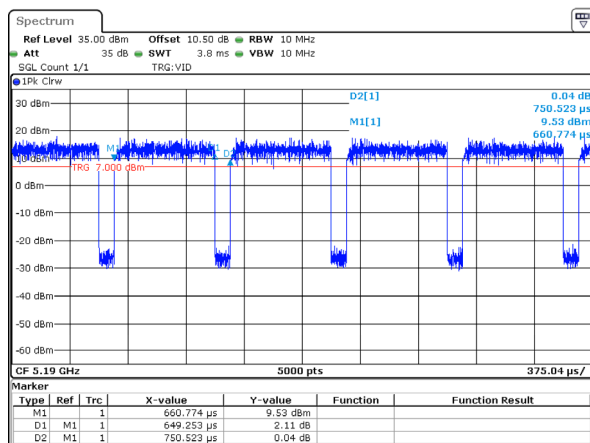
ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 15:37:52

802.11ac20_5200MHz



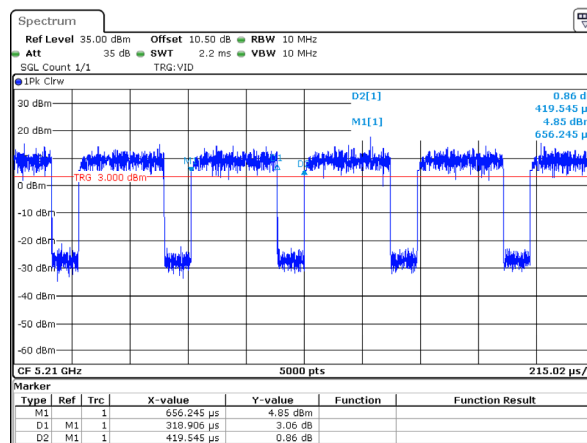
ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 15:43:20

802.11ac40_5190MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 15:45:25

802.11ac80_5210MHz



ProjectNo.:2401Z42777E-RF Tester:Rainbow Zhu
Date: 14.DEC.2024 15:47:13