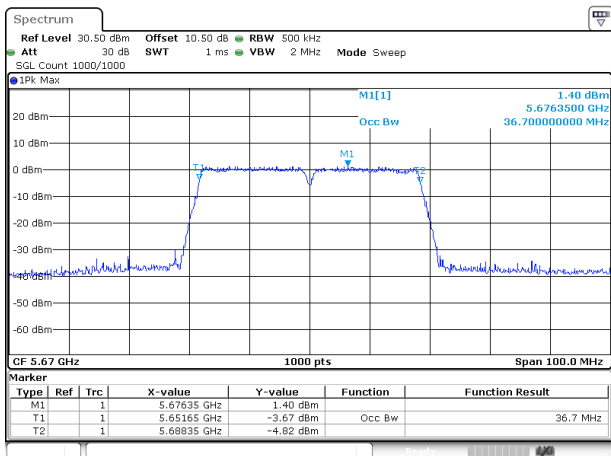
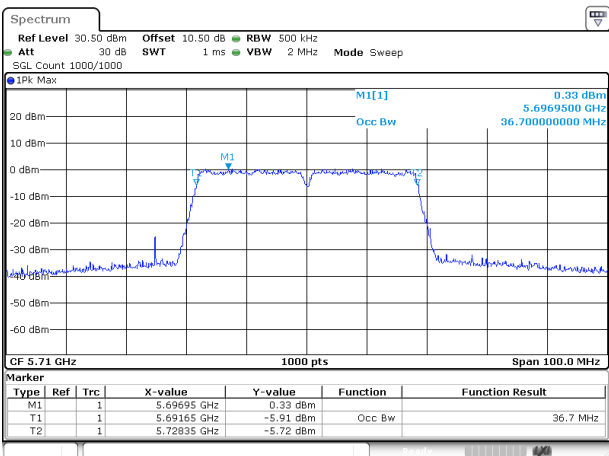


802.11ac40_5670MHz



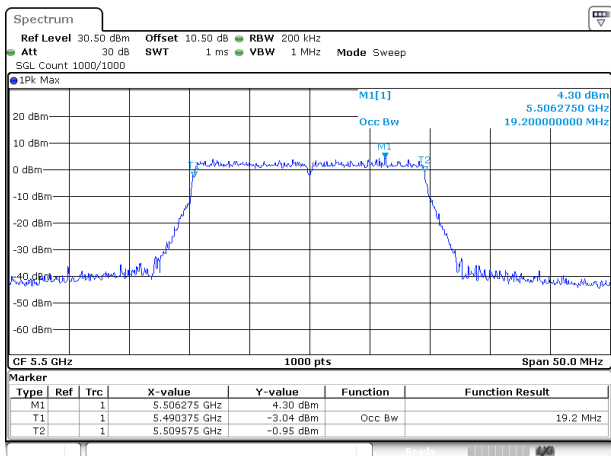
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Date: 16.AUG.2025 18:34:01

802.11ac40_5710MHz



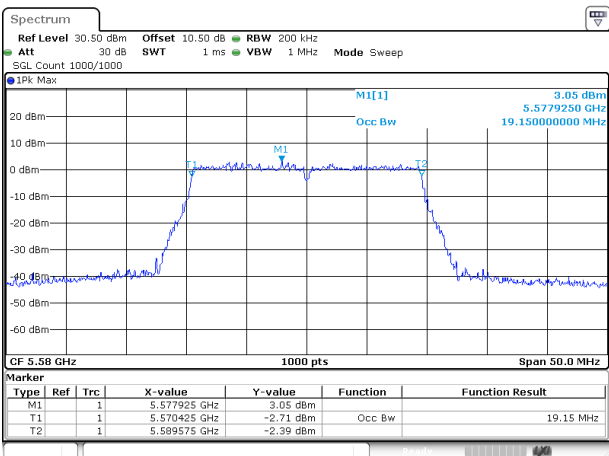
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802.11ax20_5500MHz_RU_Full



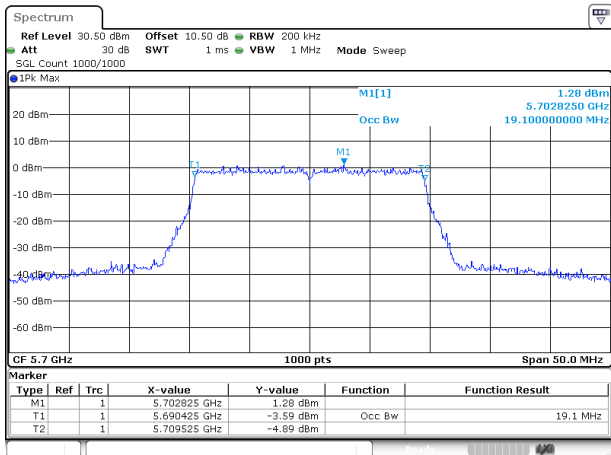
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Date: 16.AUG.2025 18:08:38

802.11ax20_5580MHz_RU_Full



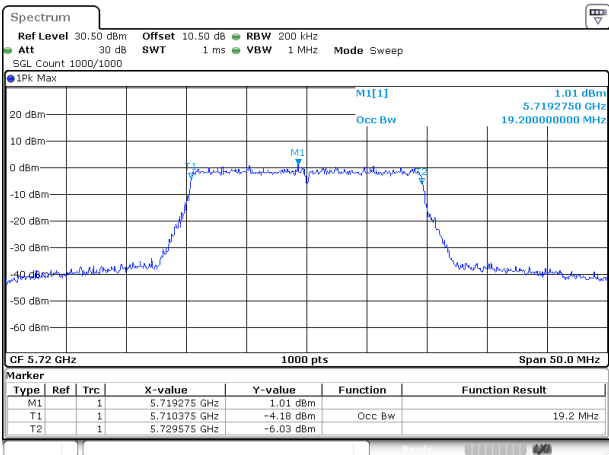
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802.11ax20_5700MHz_RU_Full



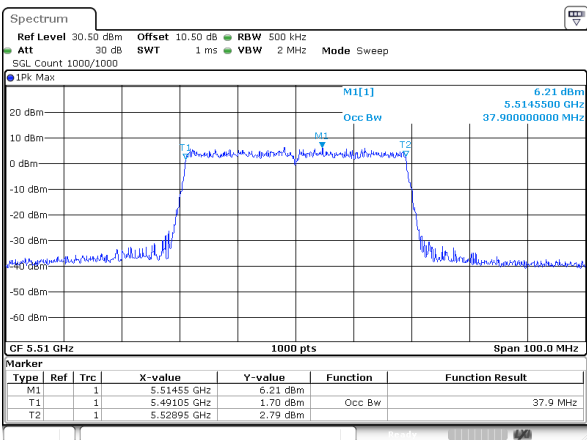
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802.11ax20_5720MHz_RU_Full



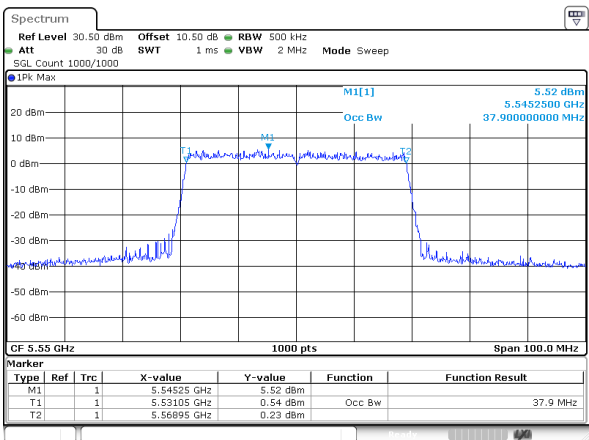
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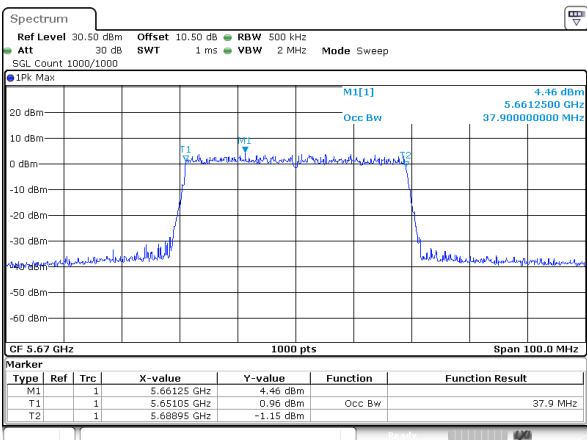
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802.11ax40_5550MHz_RU_Full



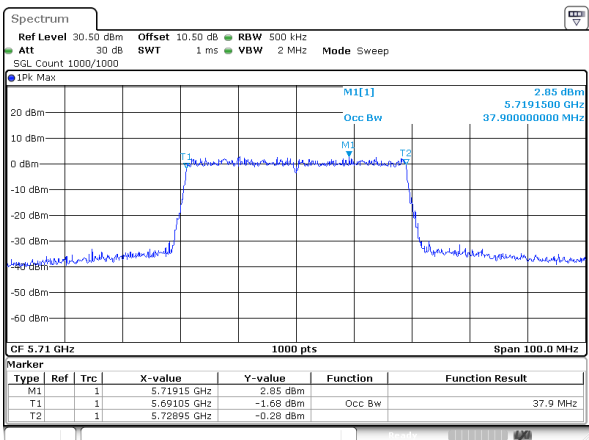
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802.11ax40_5670MHz_RU_Full



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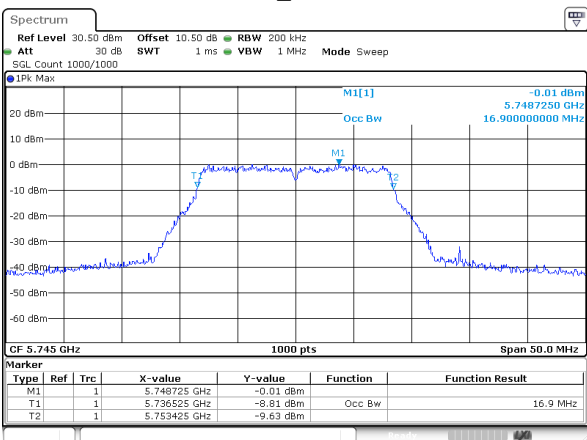
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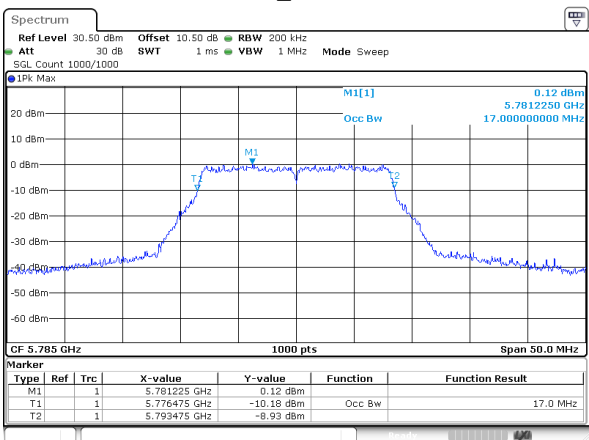
5725-5850MHz

802.11a_5745MHz



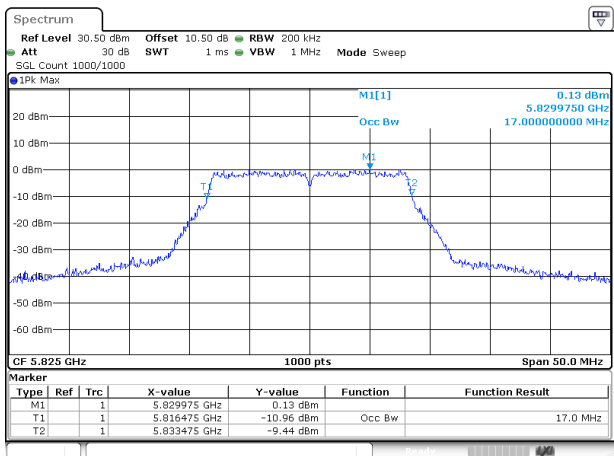
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802.11a_5785MHz



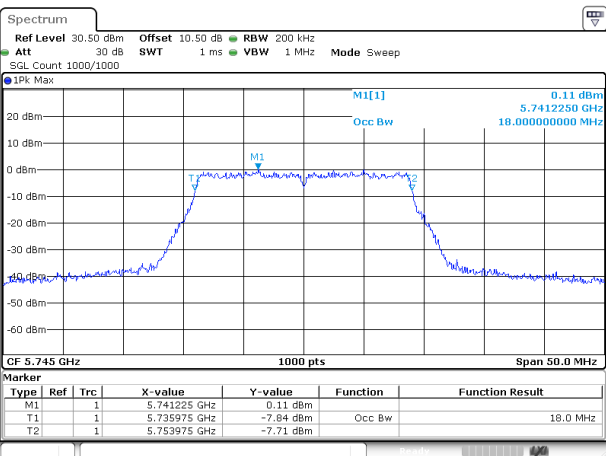
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802.11a_5825MHz



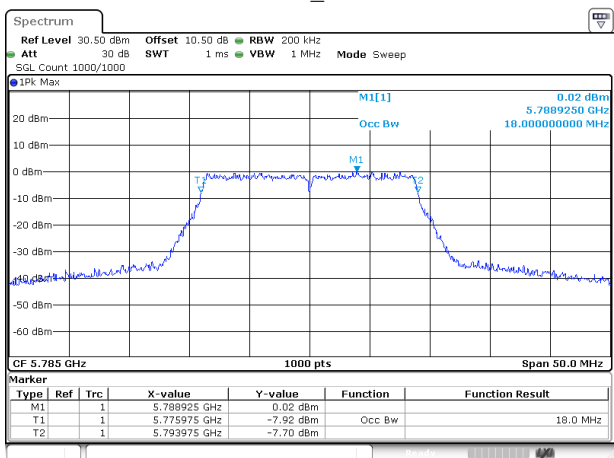
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802.11ac20_5745MHz



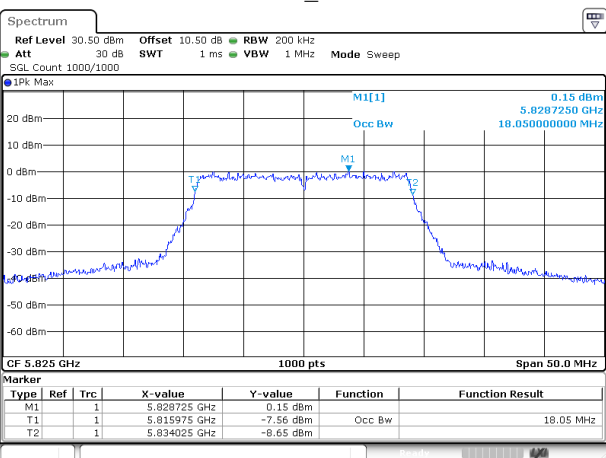
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802.11ac20_5785MHz



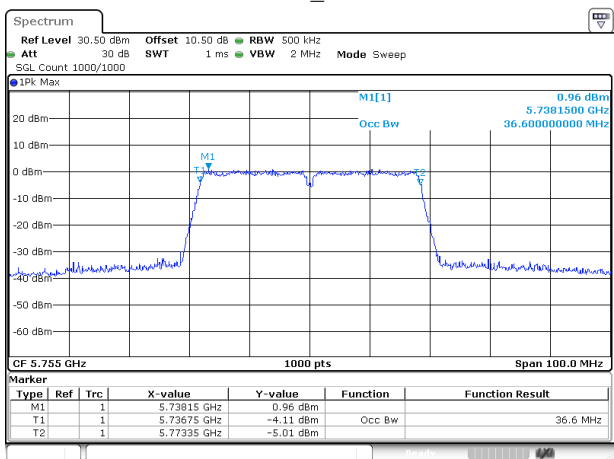
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802.11ac20_5825MHz



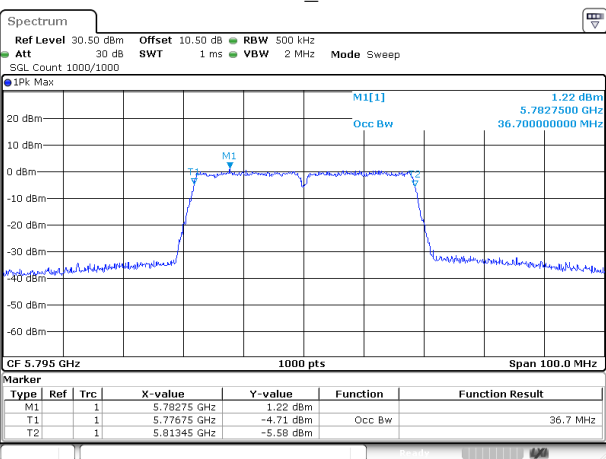
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802.11ac40_5755MHz



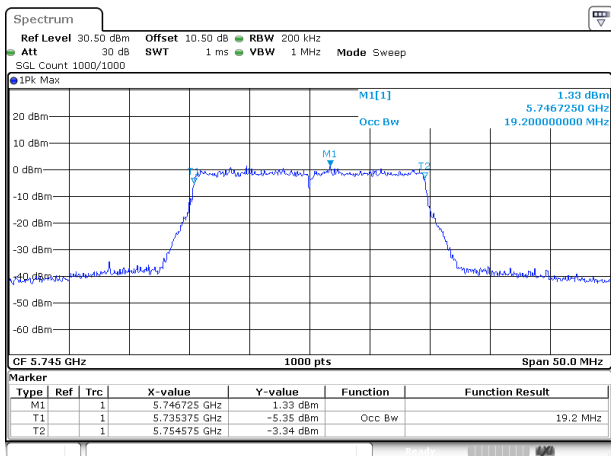
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802.11ac40_5795MHz



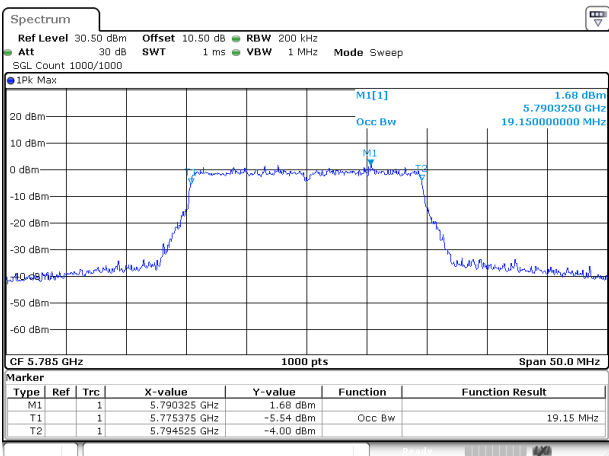
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802.11ax20_5745MHz_RU_Full



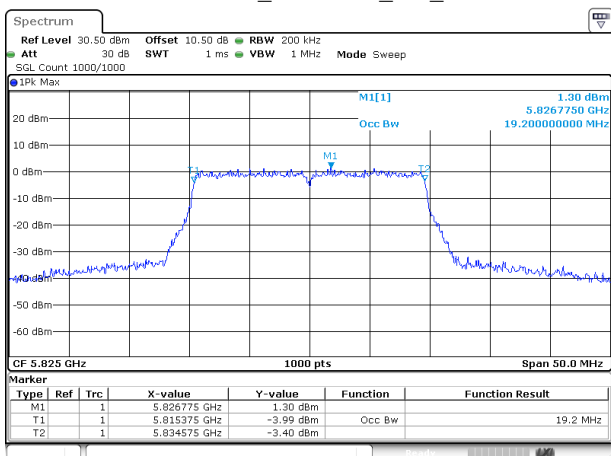
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802.11ax20_5785MHz_RU_Full



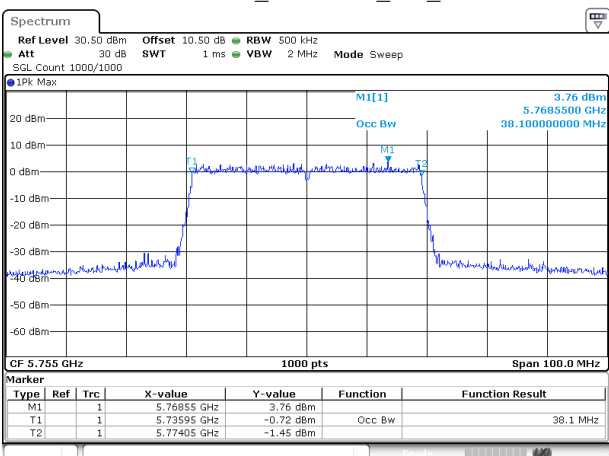
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Date: 16.AUG.2025 19:13:13

802.11ax20_5825MHz_RU_Full



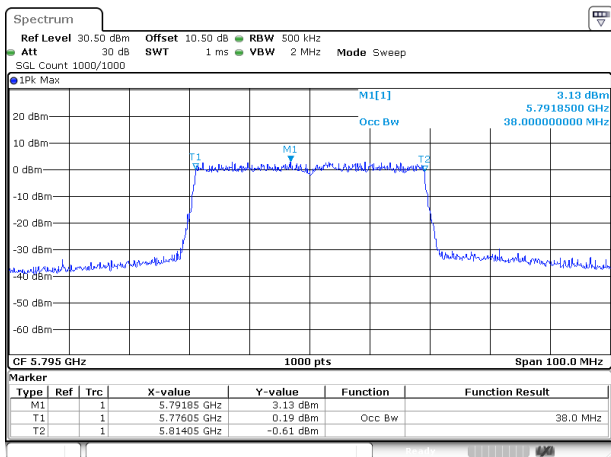
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Date: 16.AUG.2025 19:15:05

802.11ax40_5755MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 19:16:15

802.11ax40_5795MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 19:17:15

Maximum Conducted Output Power

Test Information:

Sample No.:	36VE-1	Test Date:	2025/08/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.6	Relative Humidity: (%)	58	ATM Pressure: (kPa)	100.2
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Test Data:**5150-5250MHz**

Mode	Test Frequency (MHz)	Average Output Power(dBm)	FCC Limit (dBm)	Antenna Gain (dBi)	EIRP_IC (dBm)		Verdict
					Result	Limit	
802.11a	5180	12.74	23.98	3.5	16.24	22.29	Pass
	5200	12.38	23.98	3.5	15.88	22.30	Pass
	5240	11.84	23.98	3.5	15.34	22.30	Pass
802.11ac20	5180	13.41	23.98	3.5	16.91	22.55	Pass
	5200	12.54	23.98	3.5	16.04	22.55	Pass
	5240	11.68	23.98	3.5	15.18	22.55	Pass
802.11ac40	5190	12.32	23.98	3.5	15.82	23.01	Pass
	5230	11.74	23.98	3.5	15.24	23.01	Pass
802.11ax20_RU_Full	5180	12.84	23.98	3.5	16.34	22.81	Pass
	5200	12.39	23.98	3.5	15.89	22.82	Pass
	5240	11.78	23.98	3.5	15.28	22.82	Pass
802.11ax40_RU_Full	5190	12.44	23.98	3.5	15.94	23.01	Pass
	5230	11.90	23.98	3.5	15.40	23.01	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	FCC Limit (dBm)	IC Limit (dBm)	Antenna Gain (dBi)	EIRP_IC (dBm)		Verdict
						Result	Limit	
802.11a	5260	13.25	23.98	23.32	3.5	16.75	29.32	Pass
	5280	13.1	23.98	23.29	3.5	16.6	29.29	Pass
	5320	12.71	23.98	23.28	3.5	16.21	29.28	Pass
802.11ac20	5260	12.85	23.98	23.55	3.5	16.35	29.55	Pass
	5280	12.95	23.98	23.55	3.5	16.45	29.55	Pass
	5320	12.44	23.98	23.55	3.5	15.94	29.55	Pass
802.11ac40	5270	13.13	23.98	23.98	3.5	16.63	29.98	Pass
	5310	12.92	23.98	23.98	3.5	16.42	29.98	Pass
802.11ax20_RU_Full	5260	13.19	23.98	23.81	3.5	16.69	29.81	Pass
	5280	12.65	23.98	23.83	3.5	16.15	29.83	Pass
	5320	12.93	23.98	23.82	3.5	16.43	29.82	Pass
802.11ax40_RU_Full	5270	13.01	23.98	23.98	3.5	16.51	29.98	Pass
	5310	12.89	23.98	23.98	3.5	16.39	29.98	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	FCC Limit (dBm)	IC Limit (dBm)	Antenna Gain (dBi)	EIRP_IC (dBm)		Verdict
						Result	Limit	
802.11a	5500	13.72	23.98	23.30	3.5	17.22	29.30	Pass
	5580	12.1	23.98	23.30	3.5	15.60	29.30	Pass
	5700	10.45	23.98	23.29	3.5	13.95	29.29	Pass
	5720	9.00	23.98	23.30	3.5	12.5	29.30	Pass
802.11ac20	5500	13.58	23.98	23.55	3.5	17.08	29.55	Pass
	5580	12.27	23.98	23.54	3.5	15.77	29.54	Pass
	5700	10.15	23.98	23.58	3.5	13.65	29.58	Pass
	5720	9.37	23.98	23.55	3.5	12.87	29.55	Pass
802.11ac40	5510	13.31	23.98	23.98	3.5	16.81	29.98	Pass
	5550	13.16	23.98	23.98	3.5	16.66	29.98	Pass
	5670	11.15	23.98	23.98	3.5	14.65	29.98	Pass
	5710	9.98	23.98	23.98	3.5	13.48	29.98	Pass
802.11ax20_RU_Full	5500	13.88	23.98	23.83	3.5	17.38	29.83	Pass
	5580	12.59	23.98	23.82	3.5	16.09	29.82	Pass
	5700	10.76	23.98	23.81	3.5	14.26	29.81	Pass
	5720	9.30	23.98	23.83	3.5	12.80	29.83	Pass
802.11ax40_RU_Full	5510	14.19	23.98	23.98	3.5	17.69	29.98	Pass
	5550	13.11	23.98	23.98	3.5	16.61	29.98	Pass
	5670	11.40	23.98	23.98	3.5	14.90	29.98	Pass
	5710	9.93	23.98	23.98	3.5	13.43	29.98	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	10.30	30	Pass
	5785	10.80	30	Pass
	5825	10.14	30	Pass
802.11ac20	5745	10.76	30	Pass
	5785	10.73	30	Pass
	5825	10.58	30	Pass
802.11ac40	5755	10.43	30	Pass
	5795	10.69	30	Pass
802.11ax20_RU_Full	5745	10.94	30	Pass
	5785	10.62	30	Pass
	5825	10.44	30	Pass
802.11ax40_RU_Full	5755	10.75	30	Pass
	5795	10.77	30	Pass

Power Spectral Density

Test Information:

Sample No.:	36VE-1	Test Date:	2025/08/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.6	Relative Humidity: (%)	58	ATM Pressure: (kPa)	100.2
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Test Data:**5150-5250MHz**

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	FCC Limit (dBm/MHz)	Antenna Gain (dBi/MHz)	EIRP PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
802.11a	5180	-0.77	2.77	2.00	11	3.5	5.50	10	Pass
	5200	-0.73	2.77	2.04	11	3.5	5.54	10	Pass
	5240	-1.31	2.77	1.46	11	3.5	4.96	10	Pass
802.11ac20	5180	-0.82	2.90	2.08	11	3.5	5.58	10	Pass
	5200	-1.76	2.90	1.14	11	3.5	4.64	10	Pass
	5240	-1.53	2.90	1.37	11	3.5	4.87	10	Pass
802.11ac40	5190	-4.26	3.06	-1.20	11	3.5	2.3	10	Pass
	5230	-4.77	3.06	-1.71	11	3.5	1.79	10	Pass
802.11ax20_RU_Full	5180	-1.46	3.49	2.03	11	3.5	5.53	10	Pass
	5200	-2.29	3.49	1.20	11	3.5	4.7	10	Pass
	5240	-2.65	3.49	0.84	11	3.5	4.34	10	Pass
802.11ax40_RU_Full	5190	-4.79	3.52	-1.27	11	3.5	2.23	10	Pass
	5230	-5.56	3.52	-2.04	11	3.5	1.46	10	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5260	-0.78	2.77	1.99	11	Pass
	5280	-0.60	2.77	2.17	11	Pass
	5320	-0.62	2.77	2.15	11	Pass
802.11ac20	5260	-0.78	2.90	2.12	11	Pass
	5280	-1.12	2.90	1.78	11	Pass
	5320	-1.01	2.90	1.89	11	Pass
802.11ac40	5270	-4.56	3.06	-1.50	11	Pass
	5310	-4.19	3.06	-1.13	11	Pass
802.11ax20_RU_Full	5260	-1.40	3.49	2.09	11	Pass
	5280	-1.92	3.49	1.57	11	Pass
	5320	-1.53	3.49	1.96	11	Pass
802.11ax40_RU_Full	5270	-4.79	3.52	-1.27	11	Pass
	5310	-5.13	3.52	-1.61	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	0.22	2.77	2.99	11	Pass
	5580	-2.25	2.77	0.52	11	Pass
	5700	-3.46	2.77	-0.69	11	Pass
	5720	-2.91	2.77	-0.14	11	Pass
802.11ac20	5500	-0.53	2.90	2.37	11	Pass
	5580	-1.22	2.90	1.68	11	Pass
	5700	-3.12	2.90	-0.22	11	Pass
	5720	-3.51	2.90	-0.61	11	Pass
802.11ac40	5510	-3.49	3.06	-0.43	11	Pass
	5550	-4.02	3.06	-0.96	11	Pass
	5670	-6.13	3.06	-3.07	11	Pass
	5710	-6.31	3.06	-3.25	11	Pass
802.11ax20_RU_Full	5500	-0.59	3.49	2.90	11	Pass
	5580	-1.79	3.49	1.70	11	Pass
	5700	-3.37	3.49	0.12	11	Pass
	5720	-3.97	3.49	-0.48	11	Pass
802.11ax40_RU_Full	5510	-4.45	3.52	-0.93	11	Pass
	5550	-4.13	3.52	-0.61	11	Pass
	5670	-5.85	3.52	-2.33	11	Pass
	5710	-7.68	3.52	-4.16	11	Pass

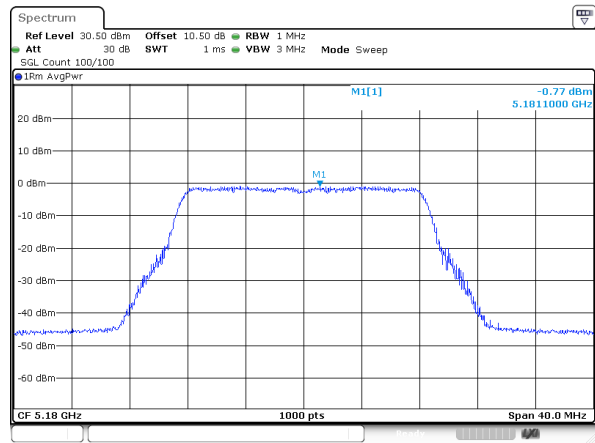
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	-6.19	2.77	-3.42	30	Pass
	5785	-5.44	2.77	-2.67	30	Pass
	5825	-5.59	2.77	-2.82	30	Pass
802.11ac20	5745	-6.42	2.90	-3.52	30	Pass
	5785	-5.62	2.90	-2.72	30	Pass
	5825	-6.22	2.90	-3.32	30	Pass
802.11ac40	5755	-9.32	3.06	-6.26	30	Pass
	5795	-8.79	3.06	-5.73	30	Pass
802.11ax20_RU_Full	5745	-7.33	3.49	-3.84	30	Pass
	5785	-6.00	3.49	-2.51	30	Pass
	5825	-6.84	3.49	-3.35	30	Pass
802.11ax40_RU_Full	5755	-9.52	3.52	-6.00	30	Pass
	5795	-9.78	3.52	-6.26	30	Pass

Result = Reading + Duty Cycle Factor

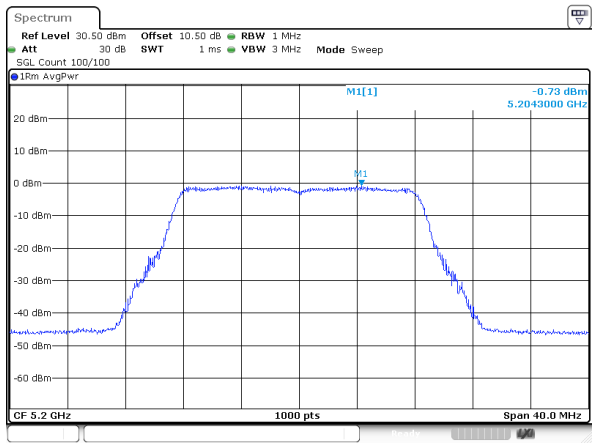
5150-5250MHz

802.11a_5180MHz



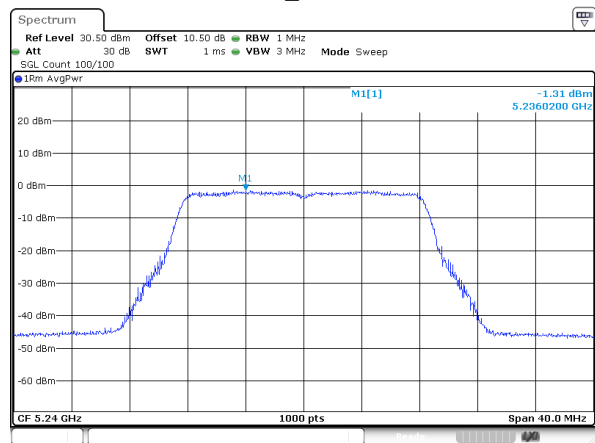
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Date: 16.AUG.2025 16:51:44

802.11a_5200MHz



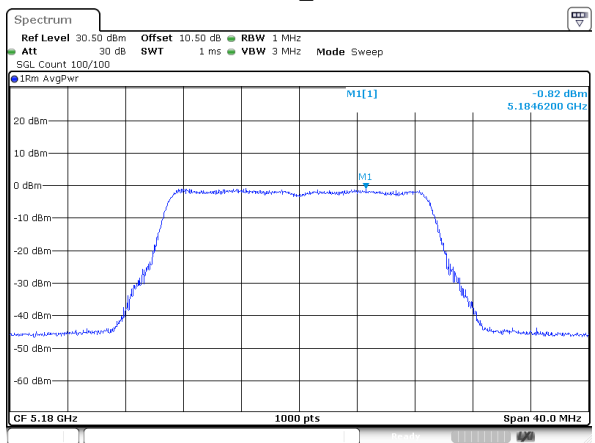
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Date: 16.AUG.2025 16:53:52

802.11a_5240MHz



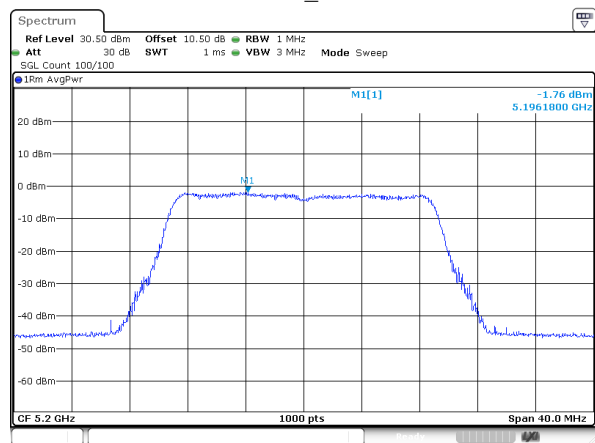
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Date: 16.AUG.2025 16:09:49

802.11ac20_5180MHz



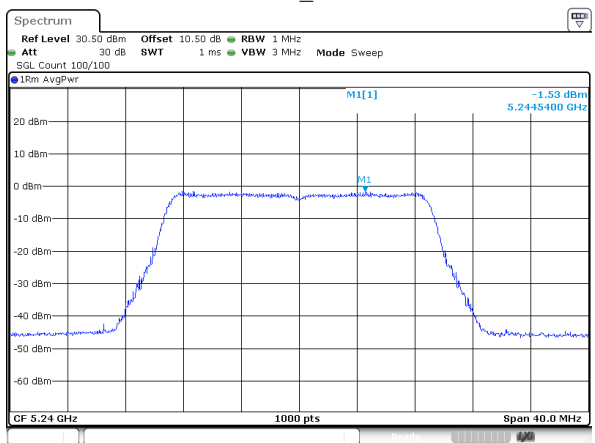
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Date: 16.AUG.2025 17:03:56

802.11ac20_5200MHz



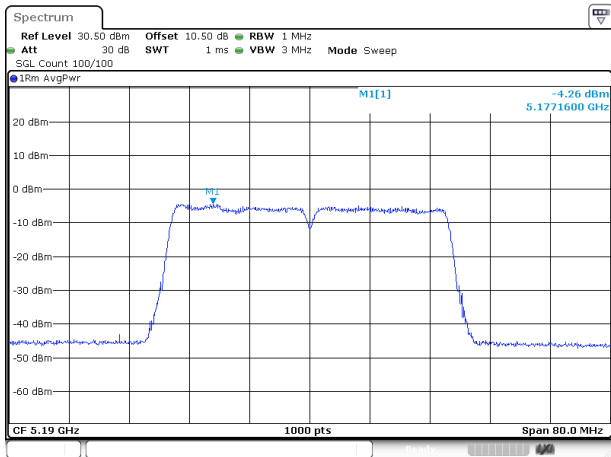
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Date: 16.AUG.2025 17:06:17

802.11ac20_5240MHz



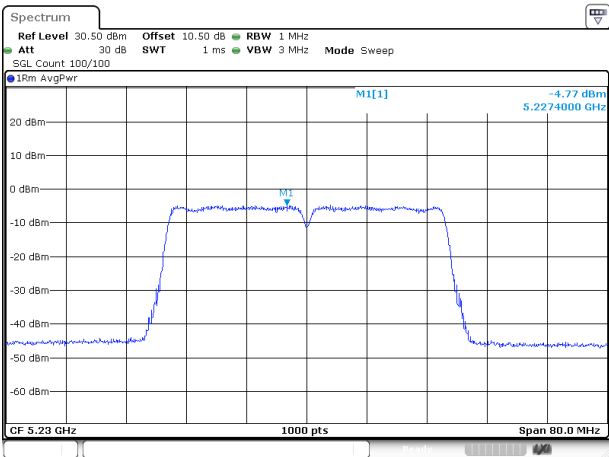
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Date: 16.AUG.2025 16:29:14

802.11ac40_5190MHz



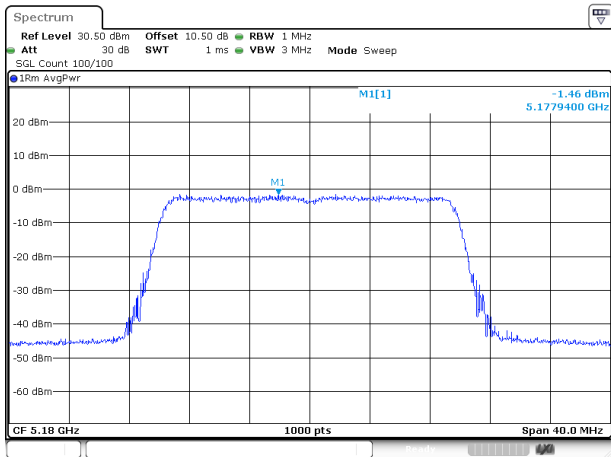
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Date: 16.AUG.2025 17:07:49

802.11ac40_5230MHz



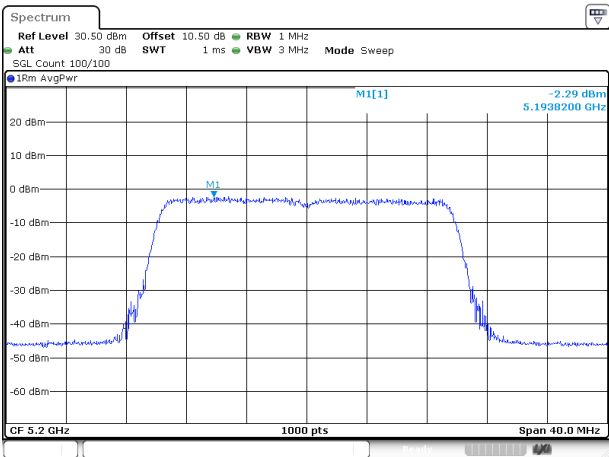
ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 16:34:55

802.11ax20_5180MHz_RU_Full



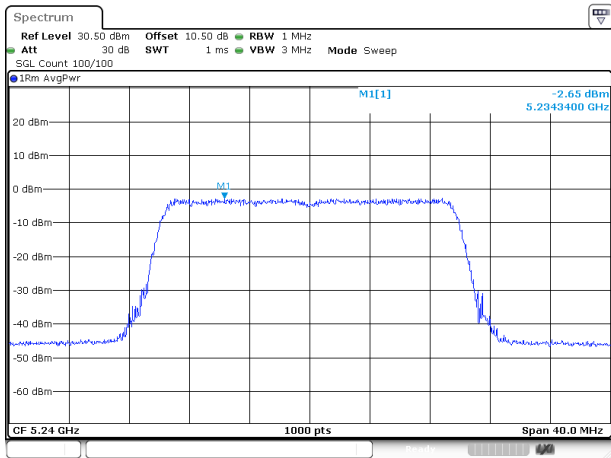
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Date: 16.AUG.2025 16:56:43

802.11ax20_5200MHz_RU_Full



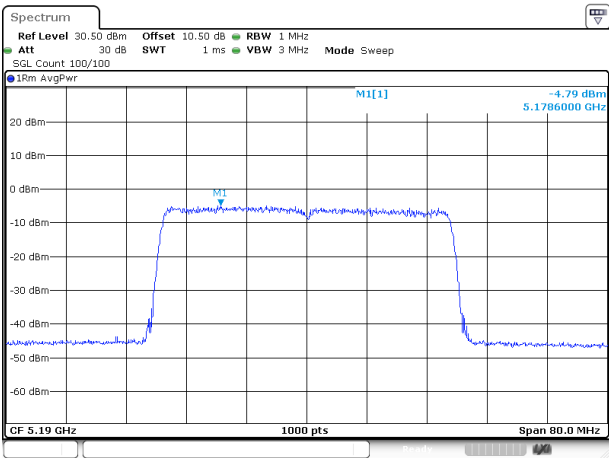
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Date: 16.AUG.2025 16:58:50

802.11ax20_5240MHz_RU_Full



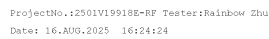
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Date: 16.AUG.2025 16:17:49

802.11ax40_5190MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 17:00:58

802.11ax40_5230MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 17:15:12

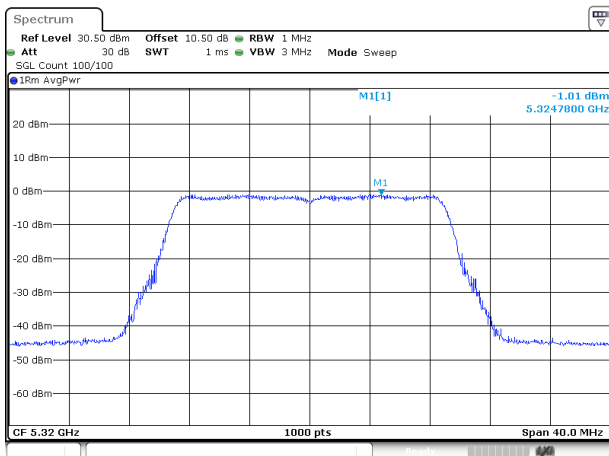
ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 17:17:20

ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 17:20:44

ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 17:39:27

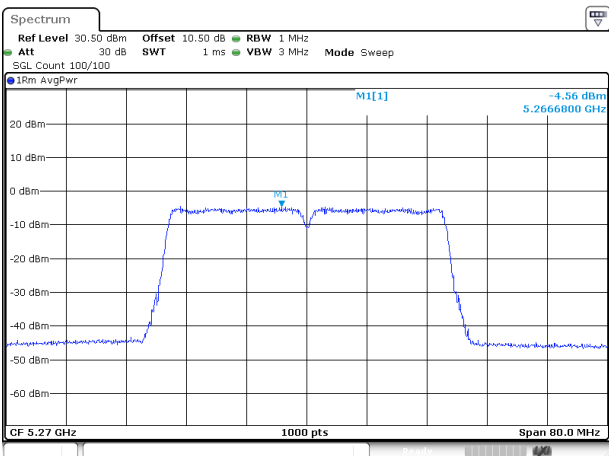
ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 17:41:49

802.11ac20_5320MHz



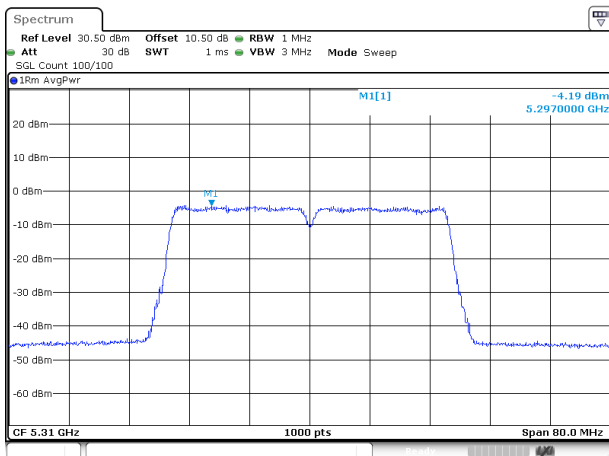
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Date: 16.AUG.2025 17:44:26

802.11ac40_5270MHz



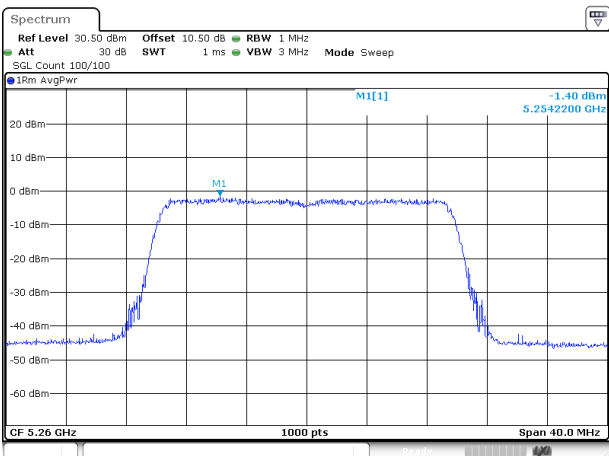
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Date: 16.AUG.2025 17:47:08

802.11ac40_5310MHz



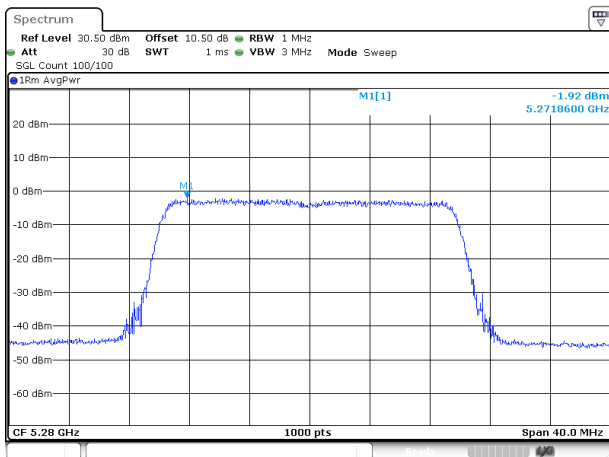
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Date: 16.AUG.2025 17:49:15

802.11ax20_5260MHz_RU_Full



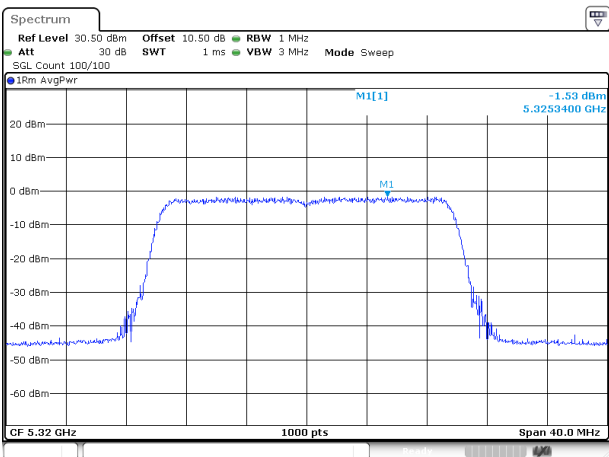
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802.11ax20_5280MHz_RU_Full



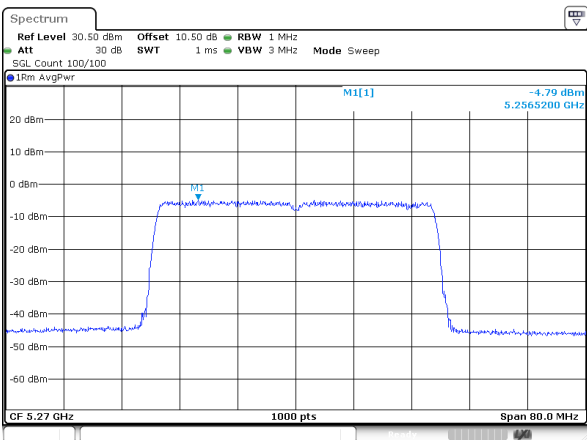
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802.11ax20_5320MHz_RU_Full



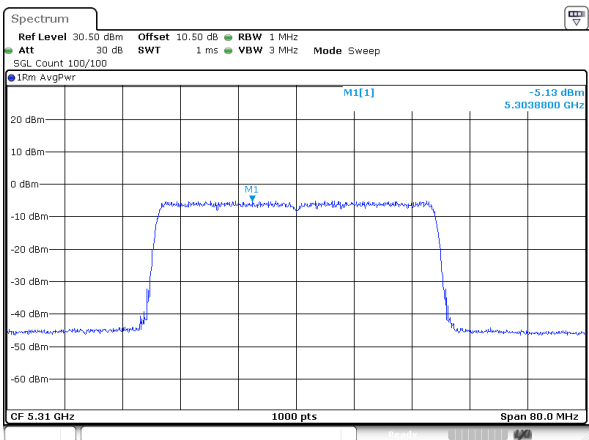
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Date: 16.AUG.2025 17:33:02

802.11ax40_5270MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 17:34:37

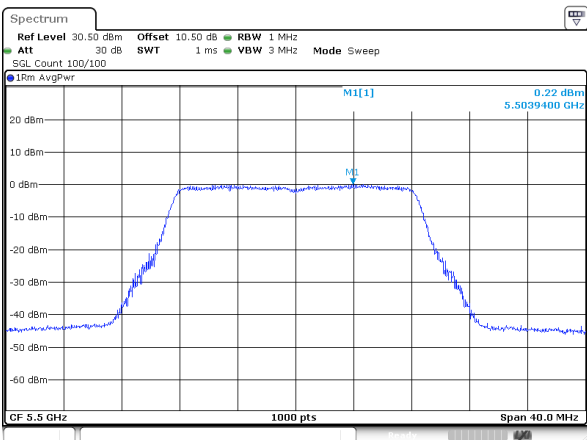
802.11ax40_5310MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 17:37:20

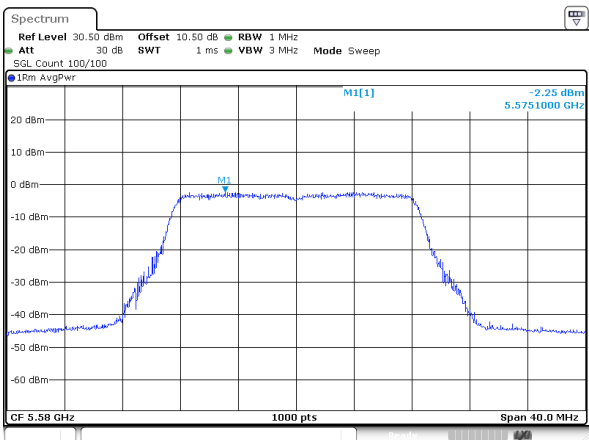
5470-5725MHz

802.11a_5500MHz



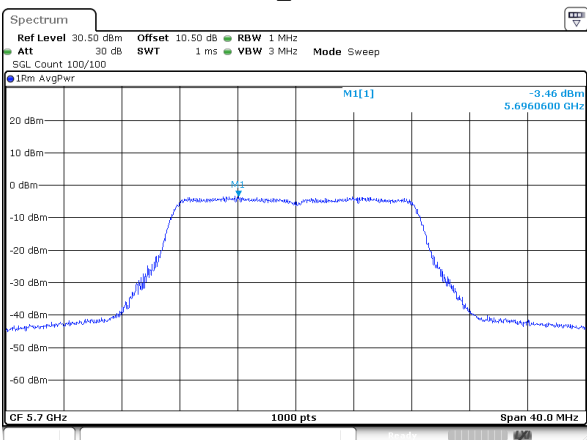
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Date: 16.AUG.2025 17:59:58

802.11a_5580MHz



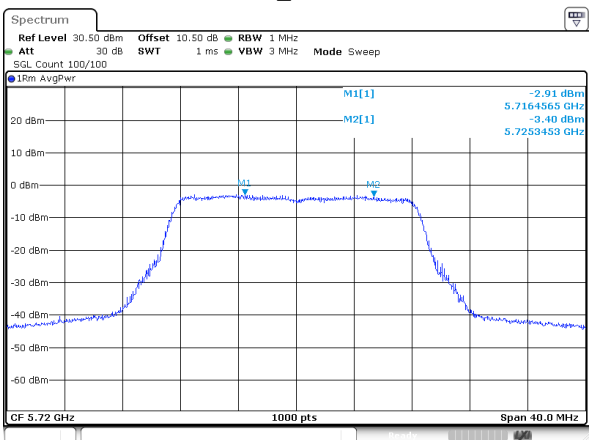
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802.11a_5700MHz



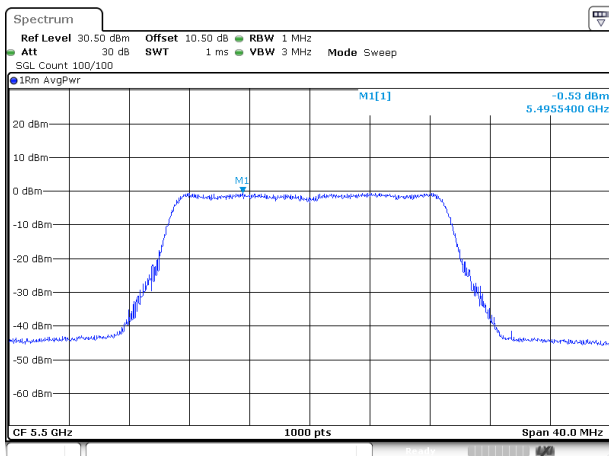
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802.11a_5720MHz



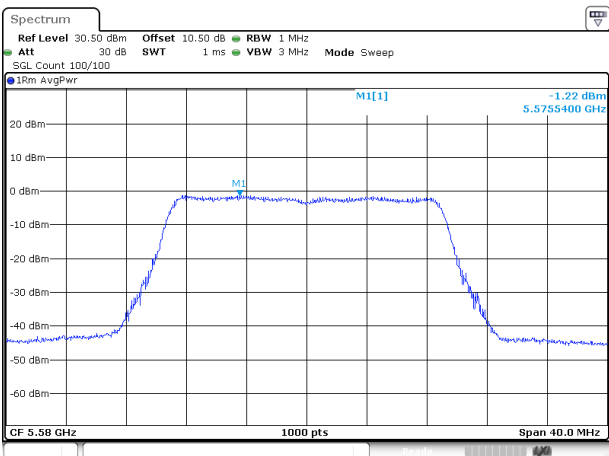
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Date: 16.AUG.2025 18:06:40

802.11ac20_5500MHz



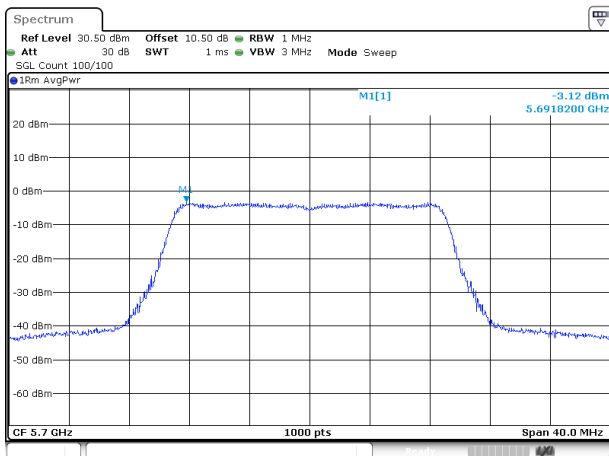
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802.11ac20_5580MHz



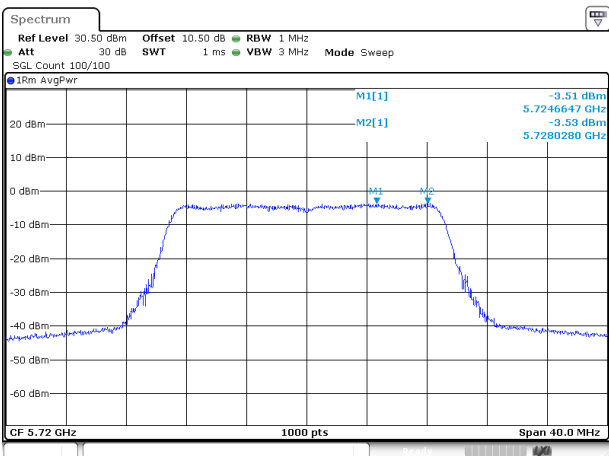
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802.11ac20_5700MHz



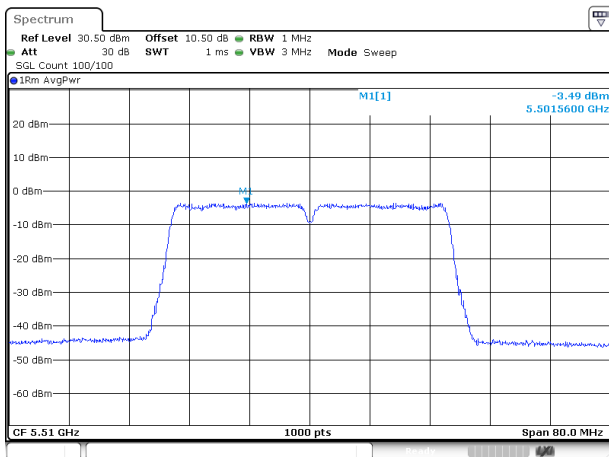
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Date: 16.AUG.2025 18:27:55

802.11ac20_5720MHz



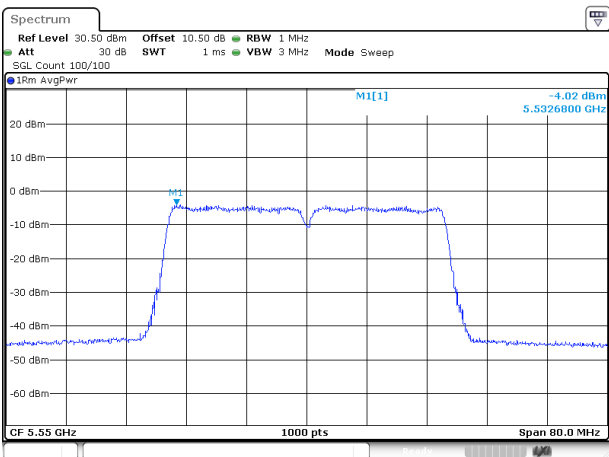
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Date: 16.AUG.2025 18:30:21

802.11ac40_5510MHz



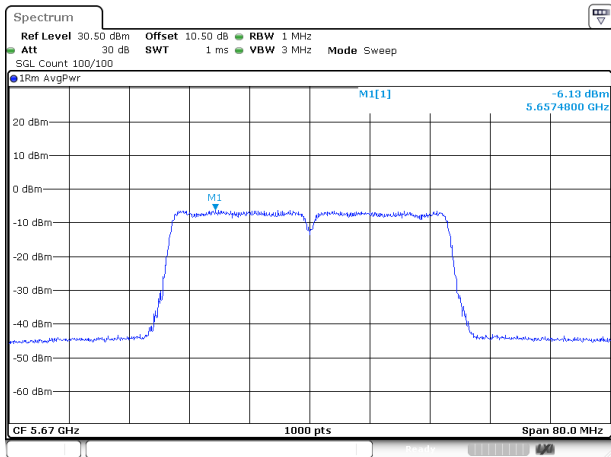
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Date: 16.AUG.2025 18:32:07

802.11ac40_5550MHz



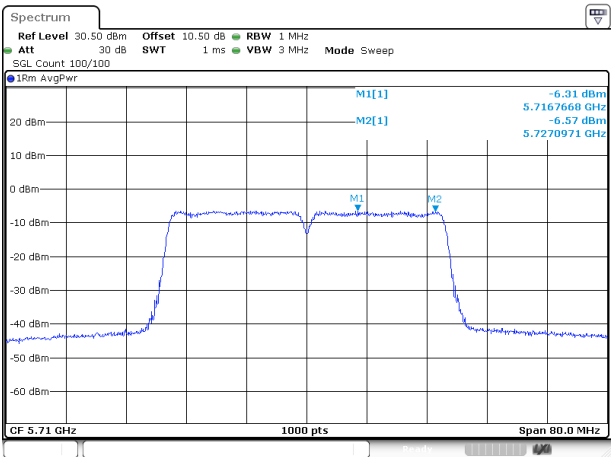
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Date: 16.AUG.2025 18:33:11

802.11ac40_5670MHz



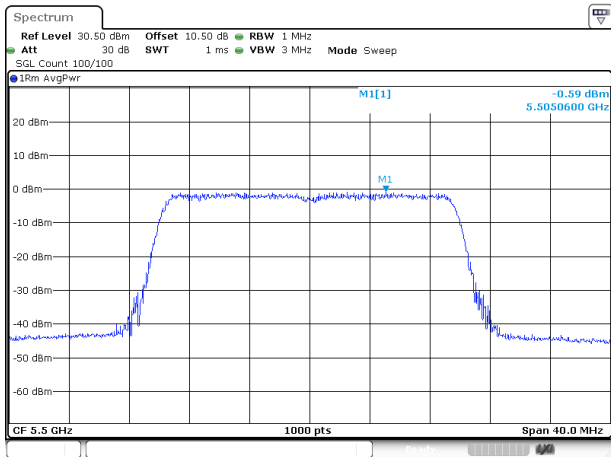
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Date: 16.AUG.2025 18:34:18

802.11ac40_5710MHz



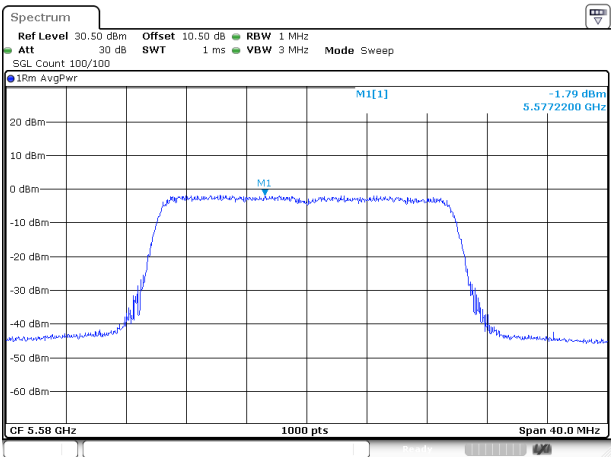
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Date: 16.AUG.2025 18:35:37

802.11ax20_5500MHz_RU_Full



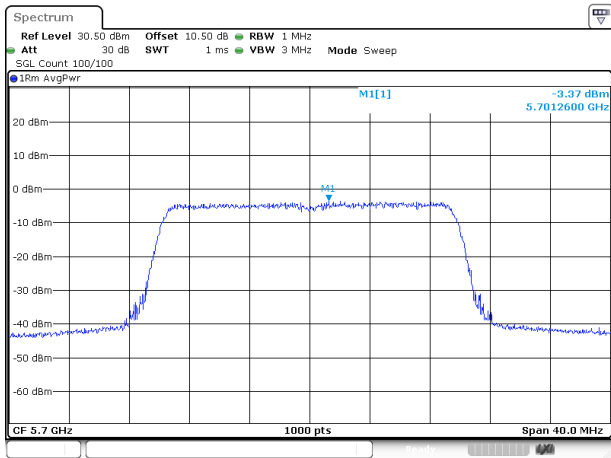
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Date: 16.AUG.2025 18:08:55

802.11ax20_5580MHz_RU_Full



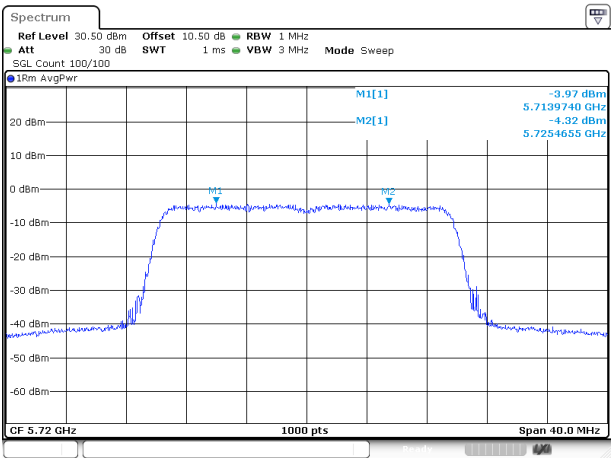
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Date: 16.AUG.2025 18:11:19

802.11ax20_5700MHz_RU_Full



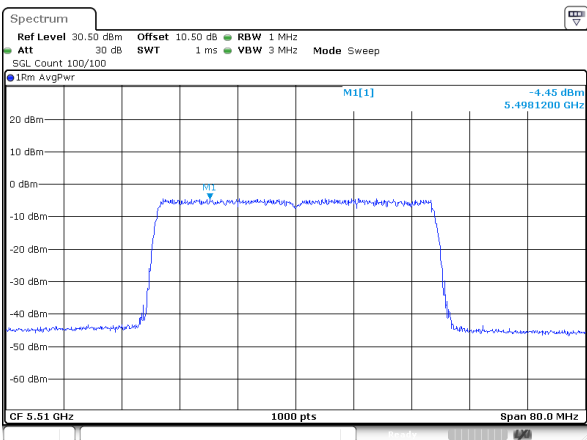
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802.11ax20_5720MHz_RU_Full



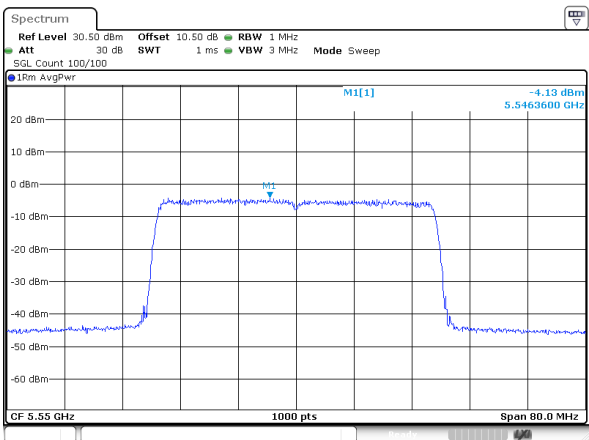
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Date: 16.AUG.2025 18:15:59

802.11ax40_5510MHz_RU_Full



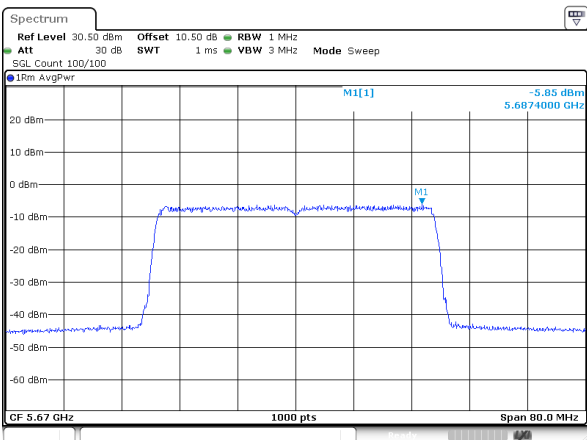
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Date: 16.AUG.2025 18:17:15

802.11ax40_5550MHz_RU_Full



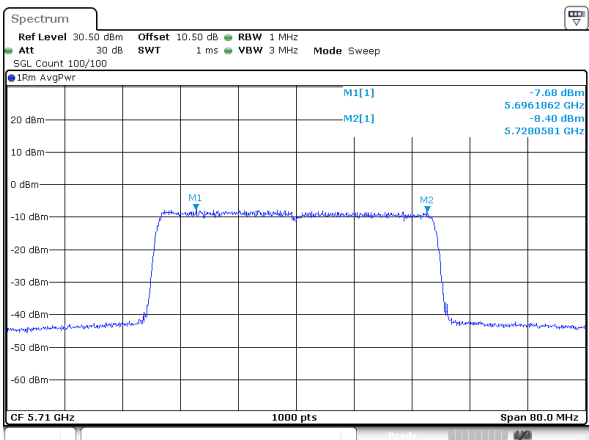
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Date: 16.AUG.2025 18:18:19

802.11ax40_5670MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 18:19:29

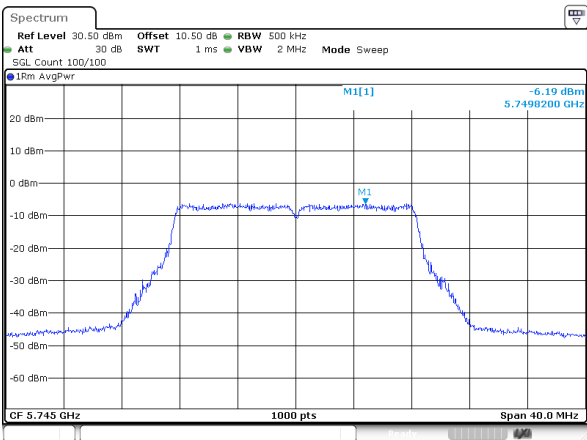
802.11ax40_5710MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 18:21:07

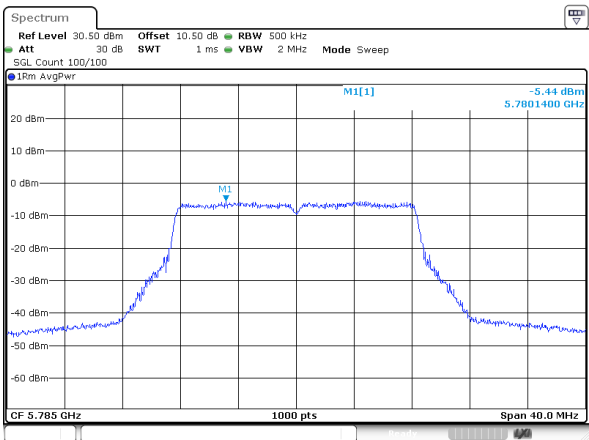
5725-5850MHz

802.11a_5745MHz



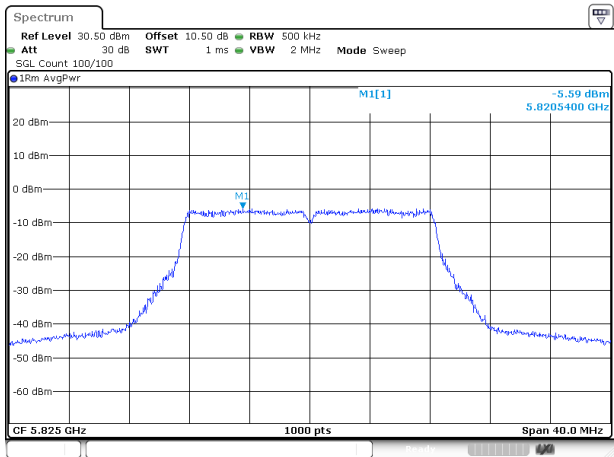
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Date: 16.AUG.2025 18:41:21

802.11a_5785MHz



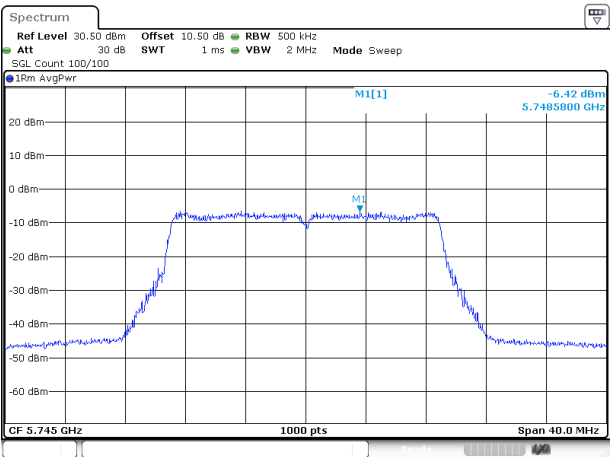
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Date: 16.AUG.2025 19:05:06

802.11a_5825MHz



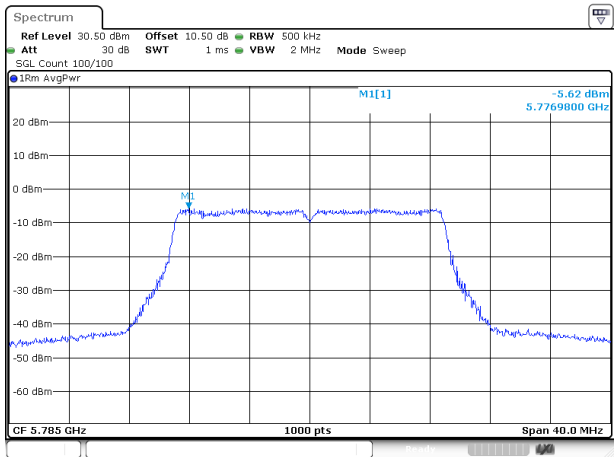
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Date: 16.AUG.2025 19:06:48

802.11ac20_5745MHz



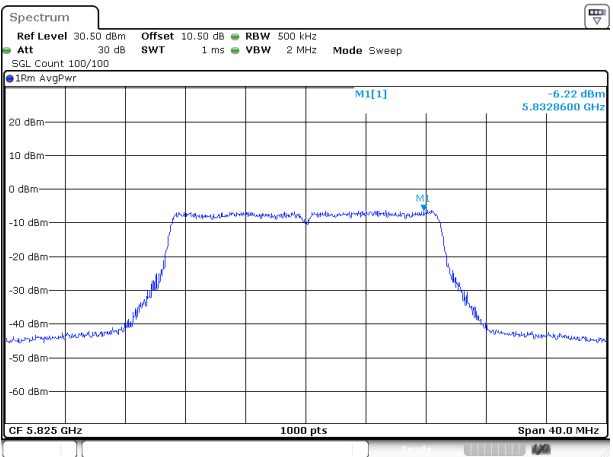
ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 19:19:40

802.11ac20_5785MHz



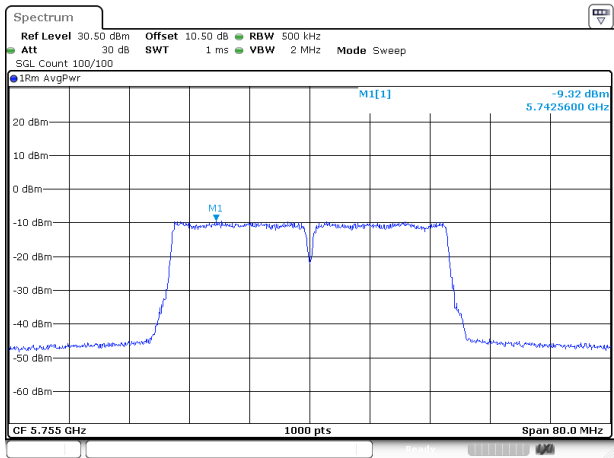
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Date: 16.AUG.2025 19:21:53

802.11ac20_5825MHz



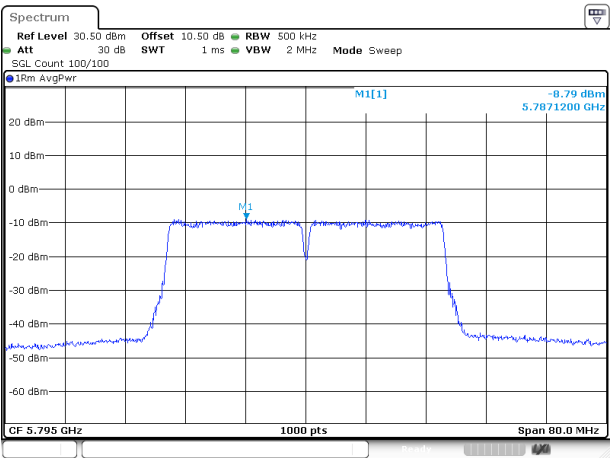
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Date: 16.AUG.2025 19:24:39

802.11ac40_5755MHz



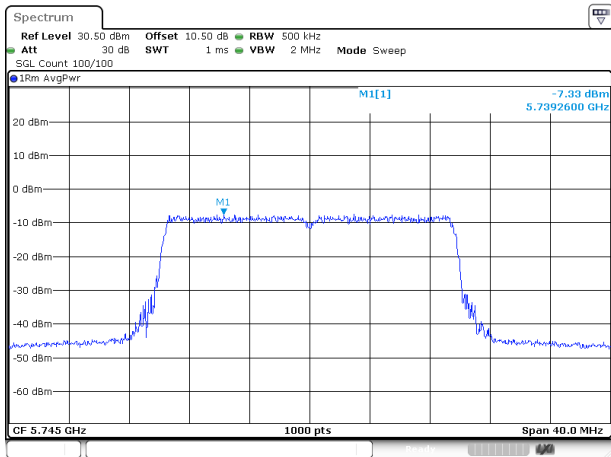
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Date: 16.AUG.2025 19:27:42

802.11ac40_5795MHz

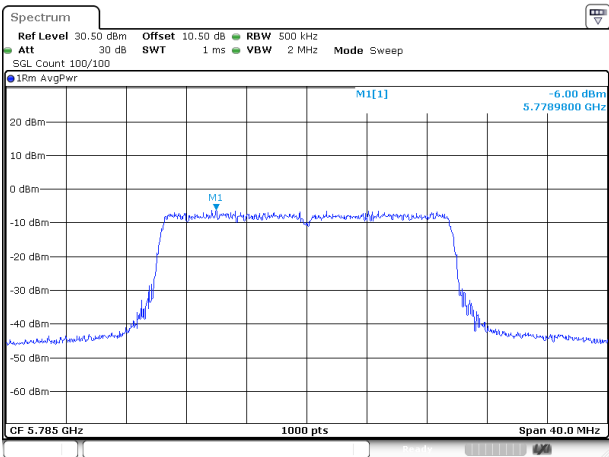


ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 19:28:42

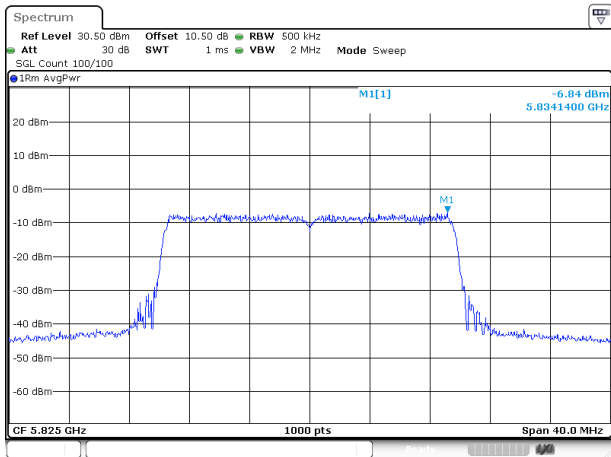
802.11ax20_5745MHz_RU_Full



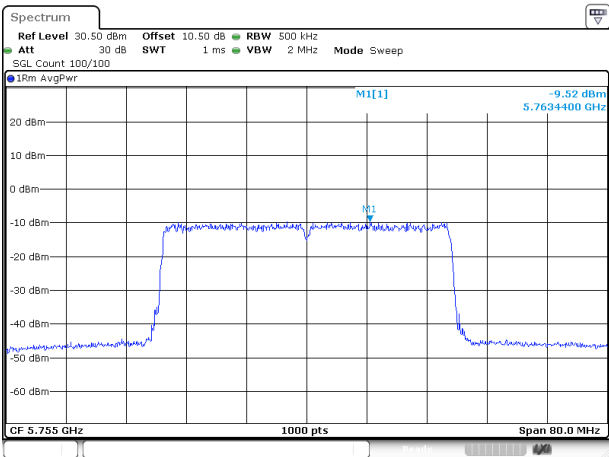
802.11ax20_5785MHz_RU_Full



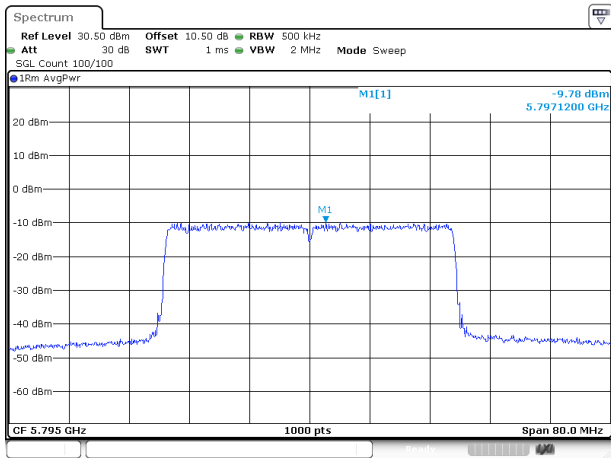
802.11ax20_5825MHz_RU_Full



802.11ax40_5755MHz_RU_Full



802.11ax40_5795MHz_RU_Full



Duty Cycle

Test Information:

Sample No.:	36VE-1	Test Date:	2025/08/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	N/A

Environmental Conditions:

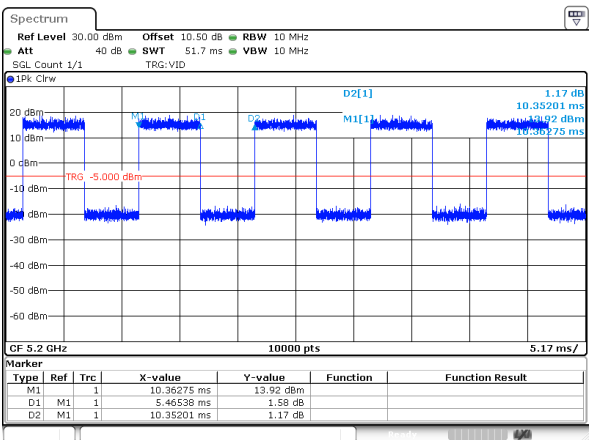
Temperature: (°C)	26.6	Relative Humidity: (%)	58	ATM Pressure: (kPa)	100.2
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Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	5.465	10.352	52.79	2.77	183	0.200
802.11ac20	5200	5.315	10.373	51.24	2.90	188	0.200
802.11ac40	5190	5.102	10.330	49.39	3.06	196	0.200
802.11ax20_RU_Full	5200	4.628	10.326	44.82	3.49	216	0.300
802.11ax40_RU_Full	5190	4.599	10.349	44.44	3.52	217	0.300

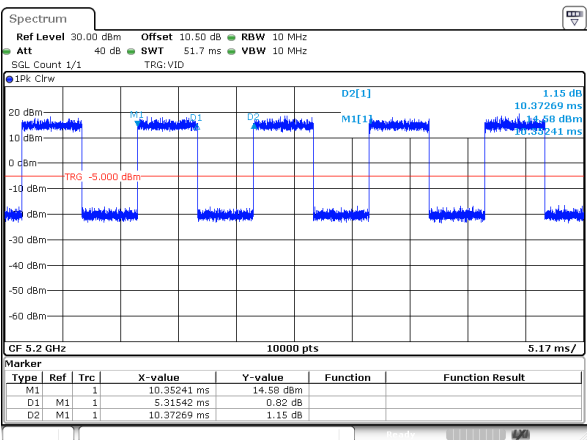
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



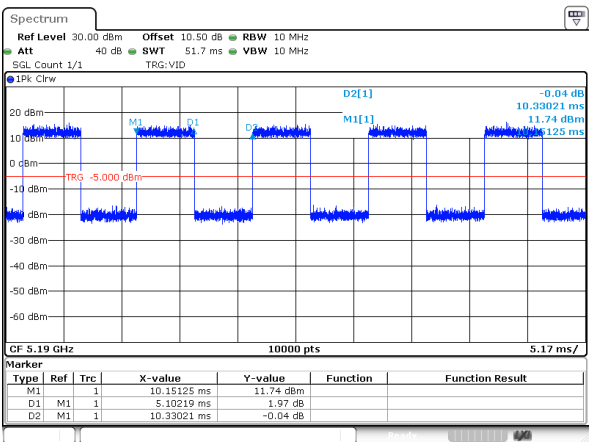
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Date: 16.AUG.2025 15:54:19

802.11ac20_5200MHz



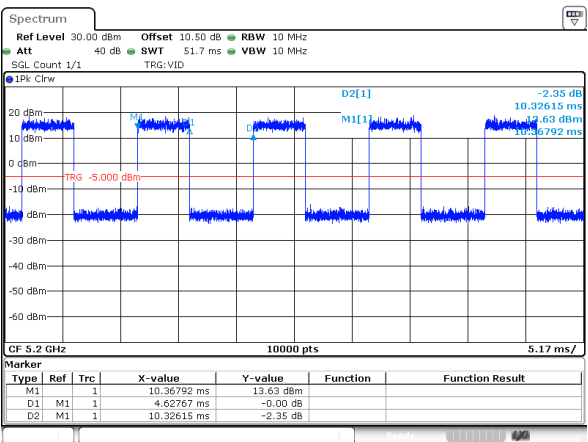
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Date: 16.AUG.2025 16:01:53

802.11ac40_5190MHz



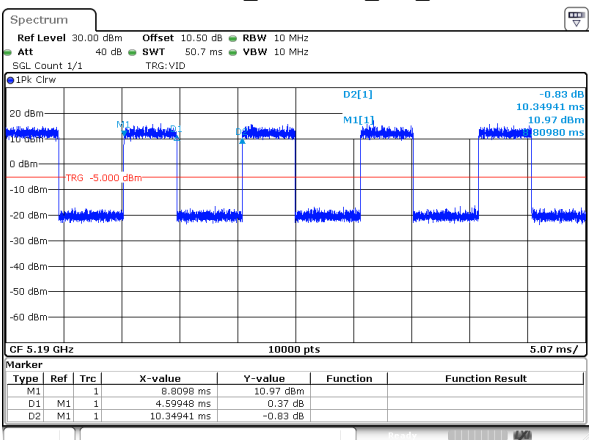
ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 16:04:07

802.11ax20_5200MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 15:57:04

802.11ax40_5190MHz_RU_Full



ProjectNo.:2501V19918E-RF Tester:Rainbow Zhu
Date: 16.AUG.2025 16:00:10

RF EXPOSURE EVALUATION

MPE-Based Exemption

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

According to KDB 447498 D04 v01 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power(ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(3)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

R is the minimum separation distance in meters

f = frequency in MHz

For multiple RF sources: Multiple RF sources are exempt if:

in the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation:

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Result

Mode	Frequency (MHz)	Tune up conducted power [#] (dBm)	Antenna Gain [#]		ERP		Evaluation Distance (m)	ERP Limit (mW)
			(dBi)	(dBd)	(dBm)	(mW)		
BT	2402-2480	10.0	4.00	1.85	11.85	15.31	0.2	768
BLE	2402-2480	4.5	4.00	1.85	6.35	4.32	0.2	768
2.4G Wi-Fi	2412-2462	23.0	4.00	1.85	24.85	305.49	0.2	768
5.2G Wi-Fi	5180-5240	13.5	3.50	1.35	14.85	30.55	0.2	768
5.3G Wi-Fi	5260-5320	13.5	3.50	1.35	14.85	30.55	0.2	768
5.6G Wi-Fi	5500-5720	14.5	3.50	1.35	15.85	38.46	0.2	768
5.8G Wi-Fi	5745-5825	11.0	3.50	1.35	12.35	17.18	0.2	768

Note: 1. The tune up conducted power and antenna gain was declared by the applicant.

2. 0dBd=2.15dBi

3. The BT and Wi-Fi can transmit at same time, the 2.4G and 5G Wi-Fi cannot transmit at same time.

Simultaneous transmitting consideration (worst case):

The ratio= $ERP_{BT} / \text{limit} + ERP_{2.4G \text{ Wi-Fi}} / \text{limit} = 15.31/768 + 305.49/768 = 0.418 < 1.0$

So simultaneous exposure is compliant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliant

Field reference level exposure exemption limits

Applicable Standard

According to RSS-102 Issue 6§6.6:

Field reference level (FRL) exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm (i.e. mobile devices), except when the device operates as follows:

- below 20 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 1 W (adjusted for tune-up tolerance)
- at or above 20 MHz and below 48 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $4.49/f^{0.5}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 48 MHz and below 300 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 0.6 W (adjusted for tune-up tolerance)
- at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $1.31 \times 10^{-2} f^{0.6834}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 5 W (adjusted for tune-up tolerance) In these cases, the information contained in the RF exposure technical brief may be limited to information that demonstrates how the EIRP was derived.

Calculated Data:

Mode	Frequency (MHz)	Maximum tune-up conducted power [#] (dBm)	Antenna Gain [#]	Maximum tune-up EIRP		Evaluation Distance (m)	Limit (mW)
			(dBi)	(dBm)	(mW)		
BT	2402-2480	10.0	4.00	14.00	25.12	0.2	2676
BLE	2402-2480	4.5	4.00	8.50	7.08	0.2	2676
2.4G Wi-Fi	2412-2462	23.0	4.00	27.00	501.19	0.2	2684
5.2G Wi-Fi	5180-5240	13.5	3.50	17.00	50.12	0.2	4525
5.3G Wi-Fi	5260-5320	13.5	3.50	17.00	50.12	0.2	4573
5.6G Wi-Fi	5500-5720	14.5	3.50	18.00	63.10	0.2	4714
5.8G Wi-Fi	5745-5825	11.0	3.50	14.50	28.18	0.2	4857

Note: 1. The tune up conducted power[#] and antenna gain[#] was declared by the applicant.

2. The BT and Wi-Fi can transmit at same time, the 2.4G and 5G Wi-Fi cannot transmit at same time.

Simultaneous transmitting consideration (worst case):

The ratio= $EIRP_{BT}/limit + EIRP_{2.4G\ Wi-Fi}/limit = 25.12/2676 + 501.19/2684 = 0.196 < 1.0$

So simultaneous exposure is compliant.

Result: Compliant

Note: To maintain compliance with the RF exposure guidelines, place the equipment at least 20cm from nearby persons.

EUT PHOTOGRAPHS

Please refer to the attachment 2501V19918E-RF-EXP External photo and 2501V19918E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501V19918E-RF-TSPB Test Setup photo.

***** **END OF REPORT** *****