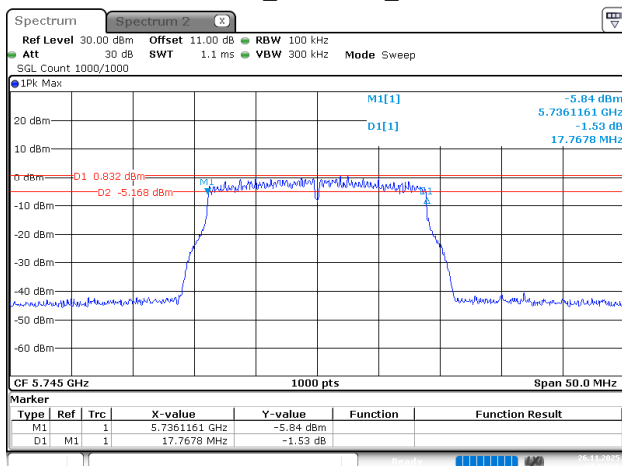


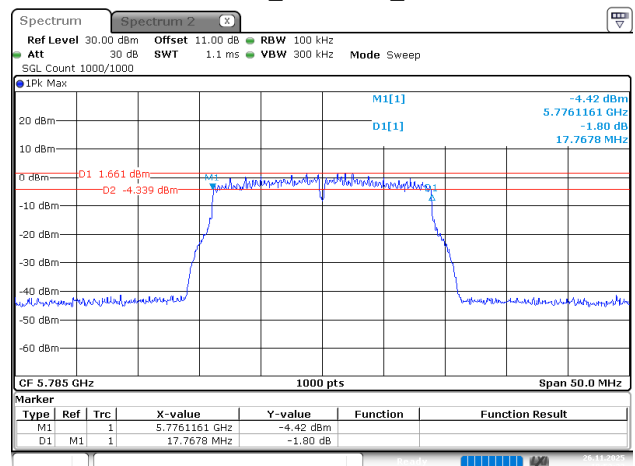
802.11n20_5745MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 26.NOV.2025 19:54:32

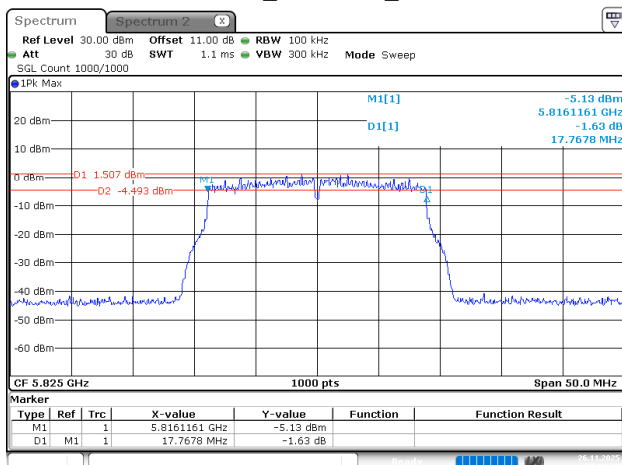
802.11n20_5785MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 26.NOV.2025 19:52:33

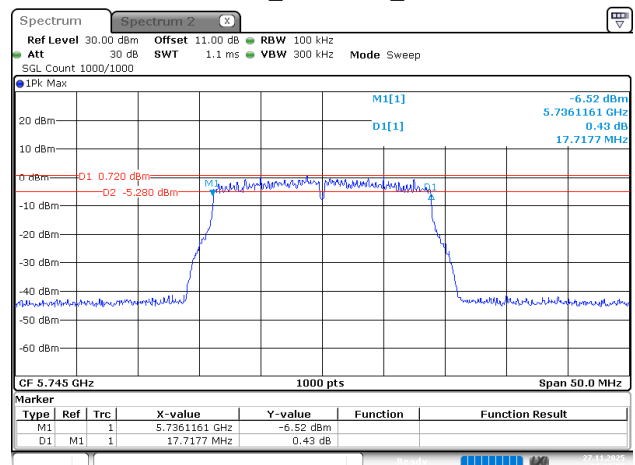
802.11n20_5825MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 26.NOV.2025 19:56:47

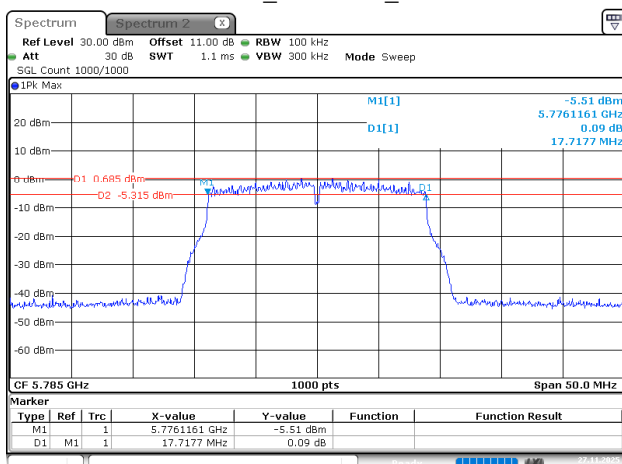
802.11n20_5745MHz_Chain 1



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 27.NOV.2025 00:02:59

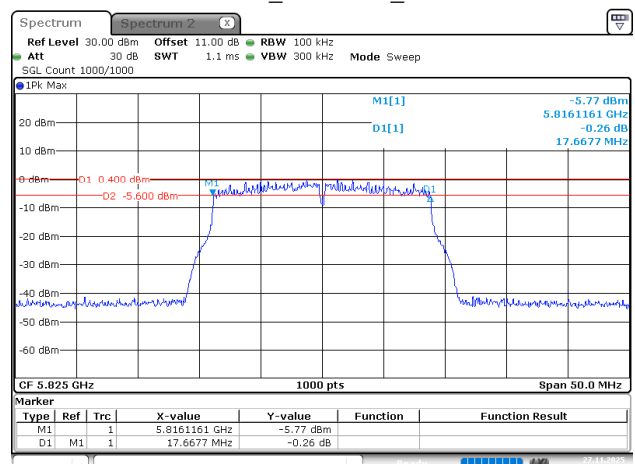
802.11n20_5785MHz_Chain 1



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 27.NOV.2025 00:05:04

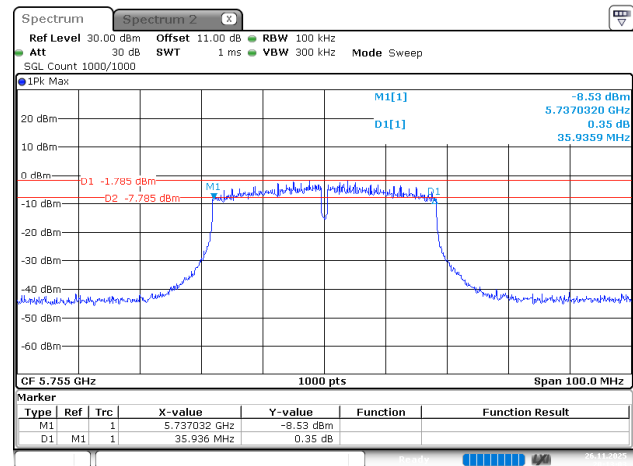
802.11n20_5825MHz_Chain 1



ProjectNo.:2502X02056E-RF Tester:Conor Fu

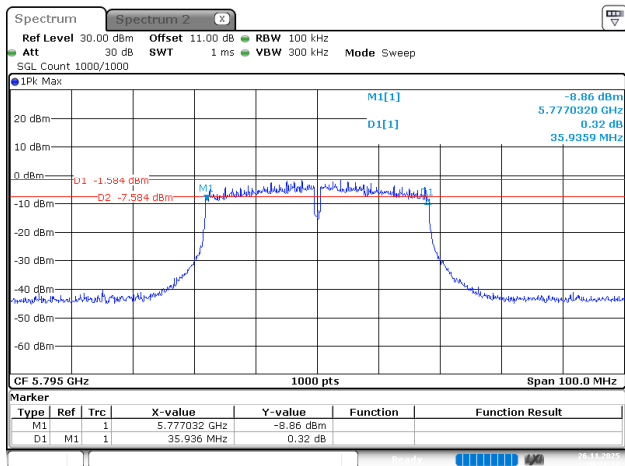
Date: 27.NOV.2025 00:14:00

802.11n40_5755MHz_Chain 0



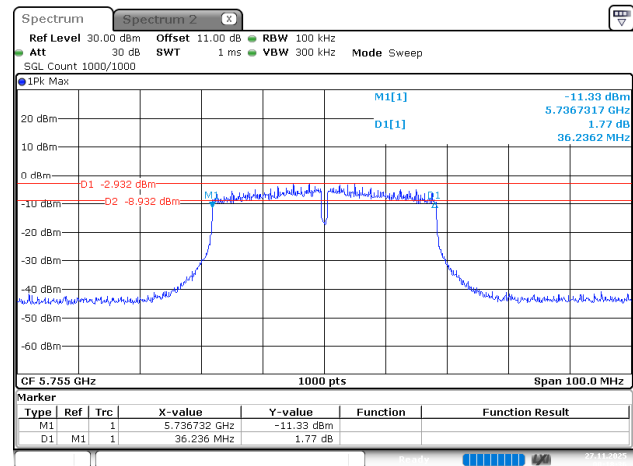
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:13:04

802.11n40_5795MHz_Chain 0



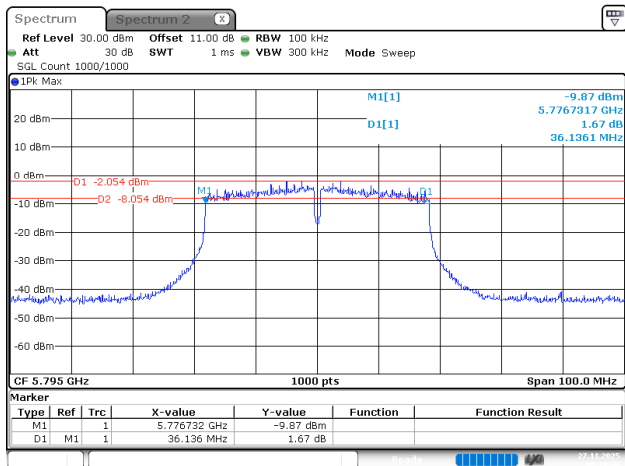
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:22:33

802.11n40_5755MHz_Chain 1



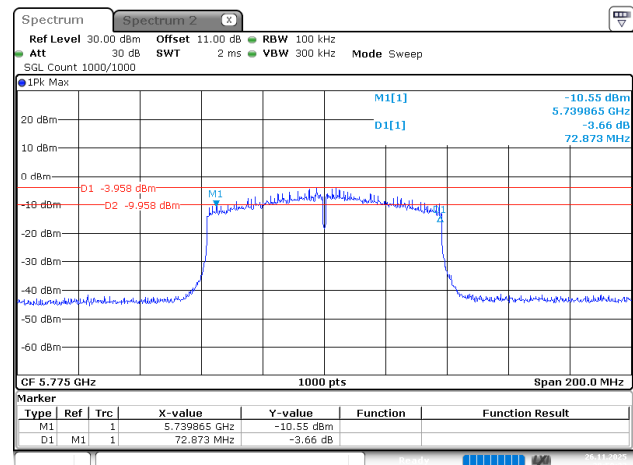
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 27.NOV.2025 00:18:35

802.11n40_5795MHz_Chain 1



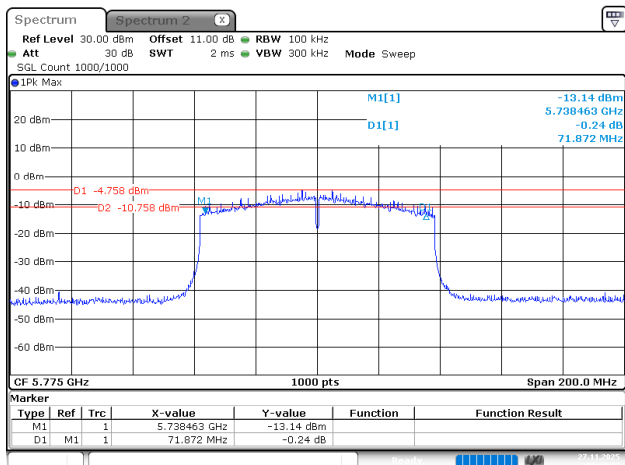
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 27.NOV.2025 00:19:39

802.11ac80_5775MHz_Chain 0



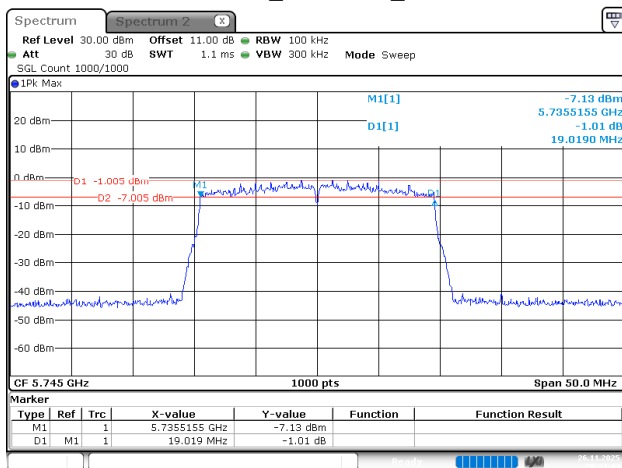
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:59:23

802.11ac80_5775MHz_Chain 1



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 27.NOV.2025 00:42:17

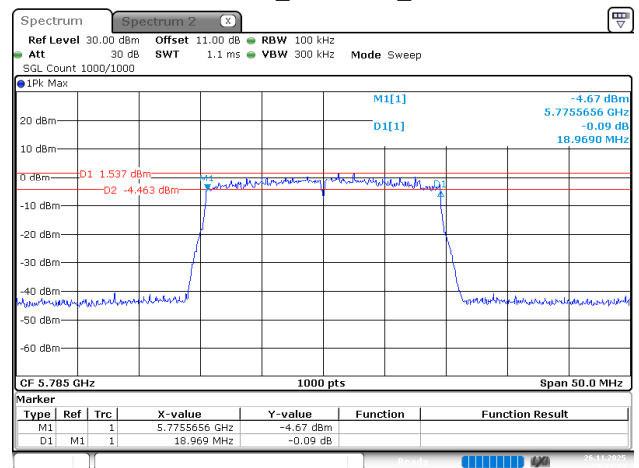
802.11ax20_5745MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 26.NOV.2025 20:31:44

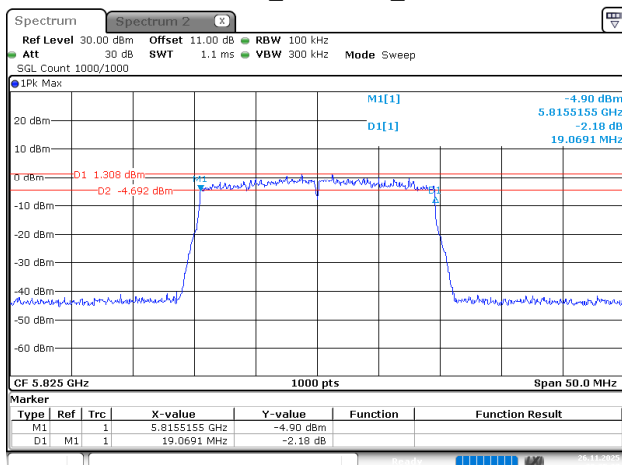
802.11ax20_5785MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 26.NOV.2025 20:33:34

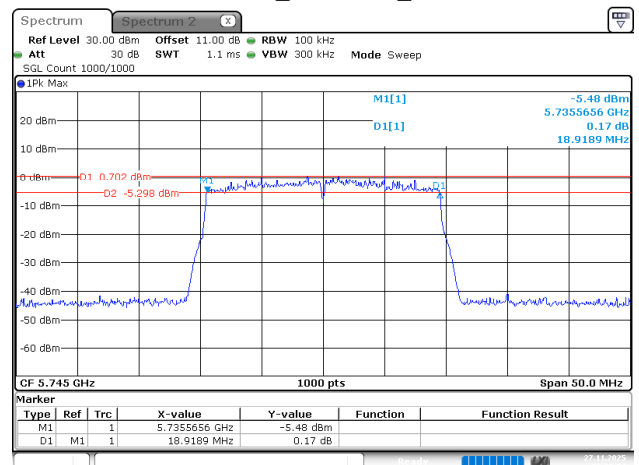
802.11ax20_5825MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 26.NOV.2025 20:35:37

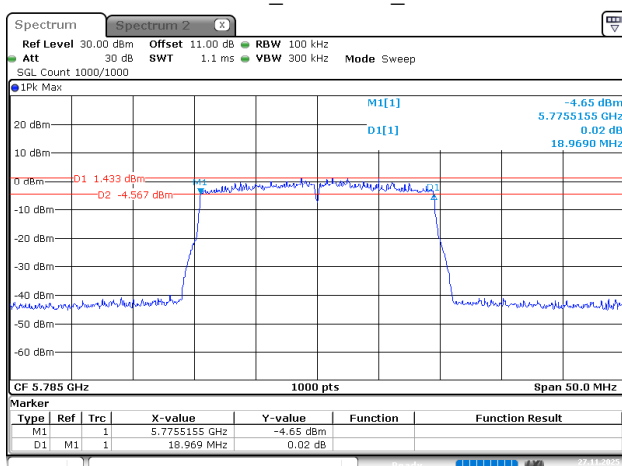
802.11ax20_5745MHz_Chain 1



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 27.NOV.2025 00:22:54

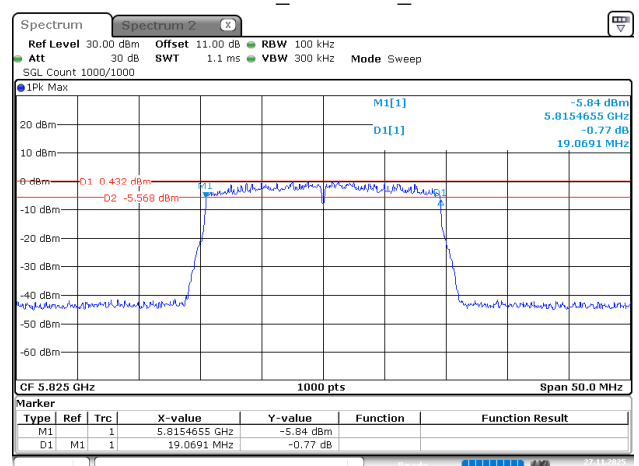
802.11ax20_5785MHz_Chain 1



ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 27.NOV.2025 00:24:48

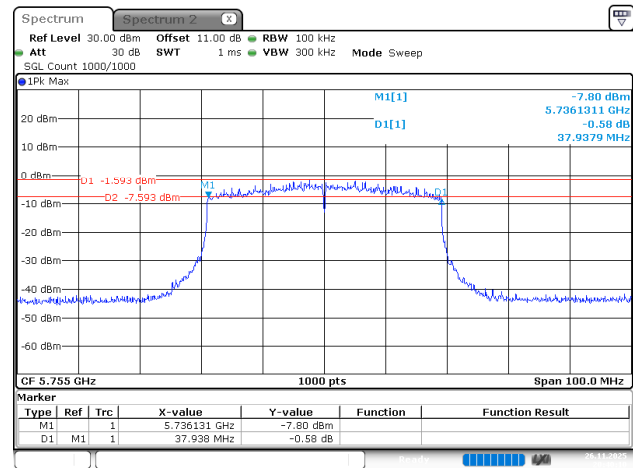
802.11ax20_5825MHz_Chain 1



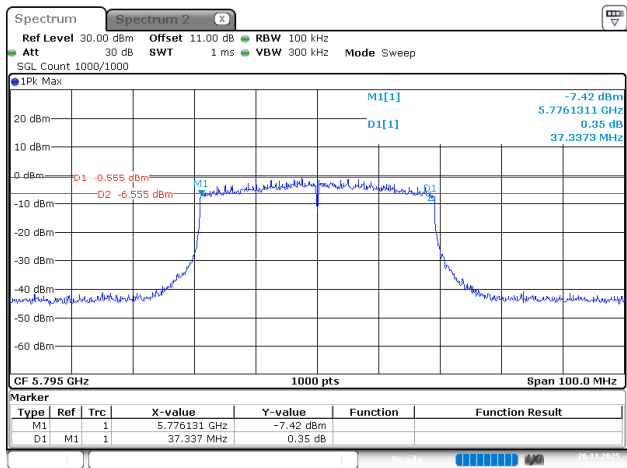
ProjectNo.:2502X02056E-RF Tester:Conor Fu

Date: 27.NOV.2025 00:26:44

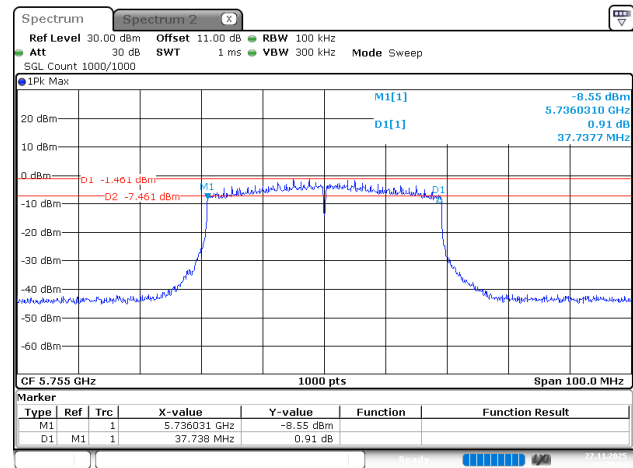
802.11ax40_5755MHz_Chain 0



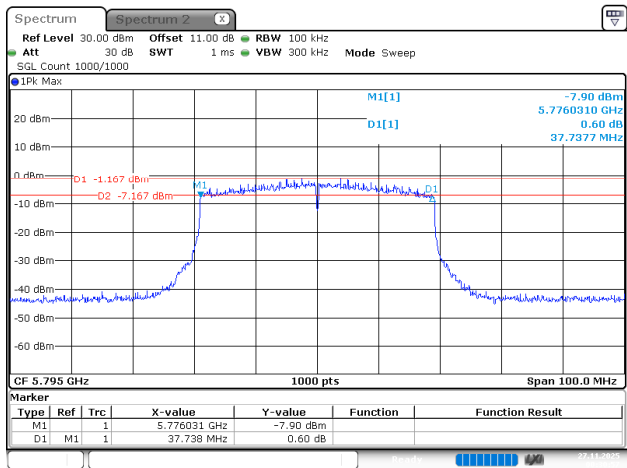
802.11ax40_5795MHz_Chain 0



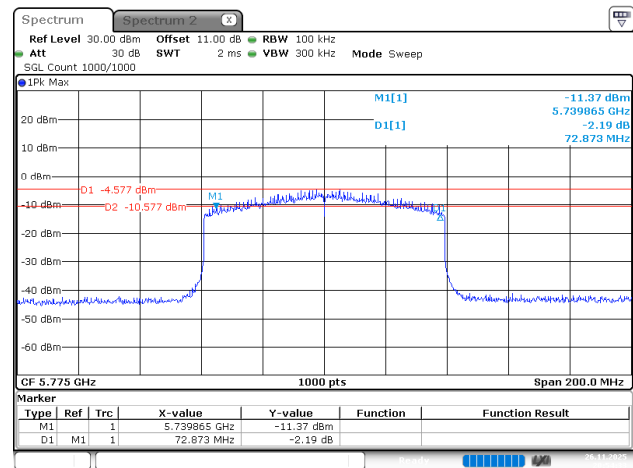
802.11ax40_5755MHz_Chain 1



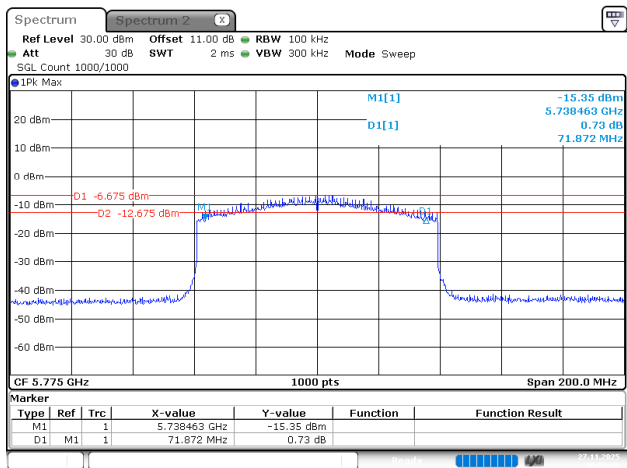
802.11ax40_5795MHz_Chain 1



802.11ax80_5775MHz_Chain 0



802.11ax80_5775MHz_Chain 1



5.5 99% Occupied Bandwidth

Test Information:

Serial No.:	3ACD-6	Test Date:	2025/11/26
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	24.3	Relative Humidity: (%)	28	ATM Pressure: (kPa)	101.4
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM521	2025/04/09	2026/04/08
R&S	Spectrum Analyzer	FSV40	101589	2025/07/28	2026/07/27

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Note: Test only was performed at Chain 0.

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5180	16.550
		5200	16.500
		5240	16.550
802.11n20	Chain 0	5180	17.700
		5200	17.700
		5240	17.700
802.11n40	Chain 0	5190	36.300
		5230	36.300
802.11ac80	Chain 0	5210	74.800
802.11ax20	Chain 0	5180	18.950
		5200	18.950
		5240	18.950
802.11ax40	Chain 0	5190	37.800
		5230	37.700
802.11ax80	Chain 0	5210	76.600

Note:

The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

5725-5850MHz

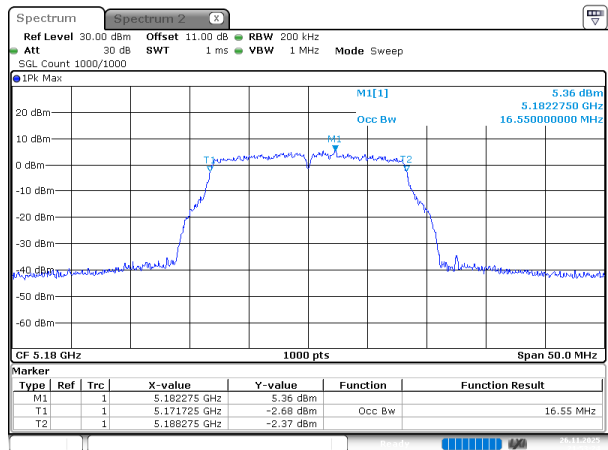
Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5745	16.500
		5785	16.500
		5825	16.550
802.11n20	Chain 0	5745	17.700
		5785	17.700
		5825	17.700
802.11n40	Chain 0	5755	36.300
		5795	36.200
802.11ac80	Chain 0	5775	75
802.11ax20	Chain 0	5745	18.950
		5785	18.950
		5825	18.950
802.11ax40	Chain 0	5755	37.800
		5795	37.800
802.11ax80	Chain 0	5775	76.600

Note:

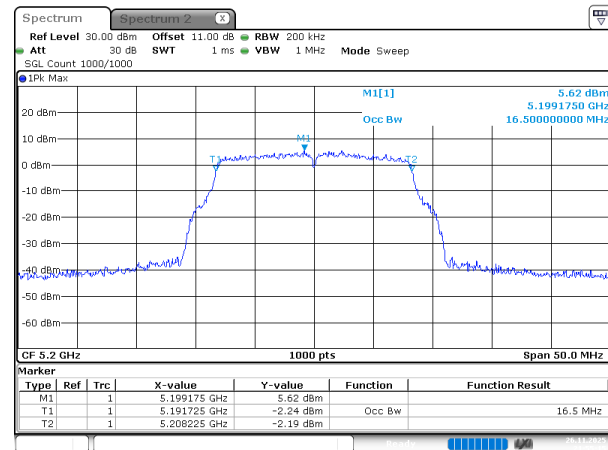
The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.

5150-5250MHz

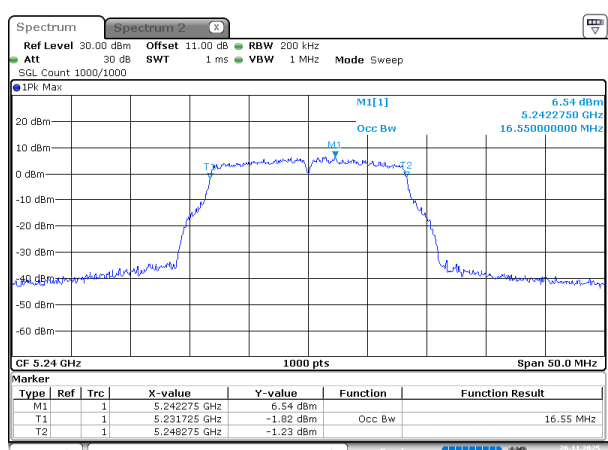
802.11a_5180MHz_Chain 0



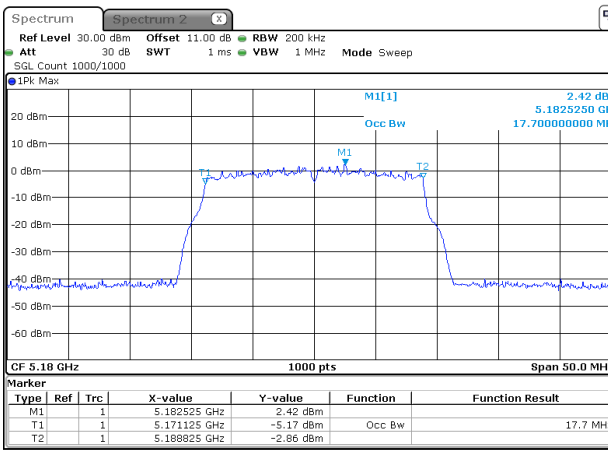
802.11a_5200MHz_Chain 0



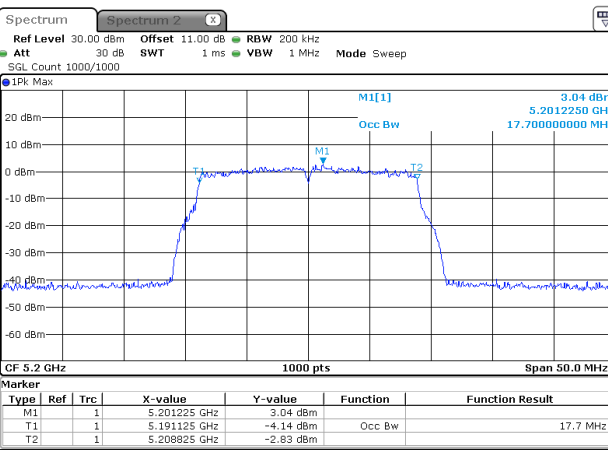
802.11a_5240MHz_Chain 0



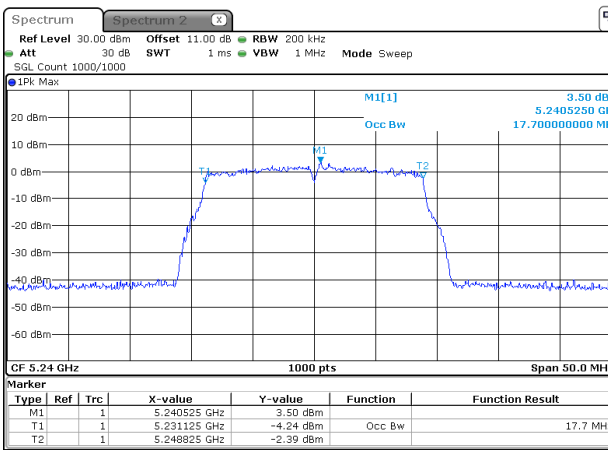
802.11n20_5180MHz_Chain 0



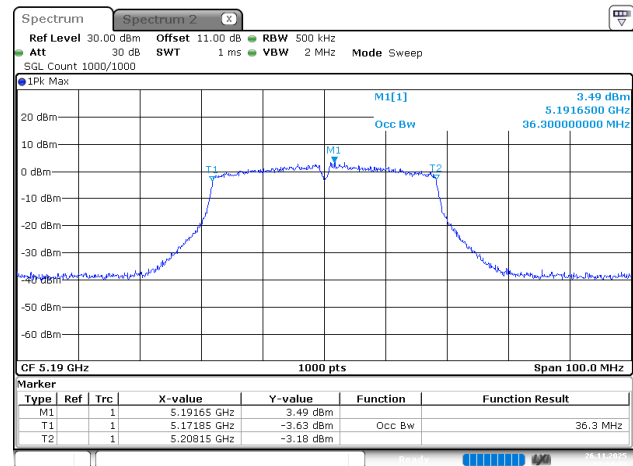
802.11n20_5200MHz_Chain 0



802.11n20_5240MHz_Chain 0

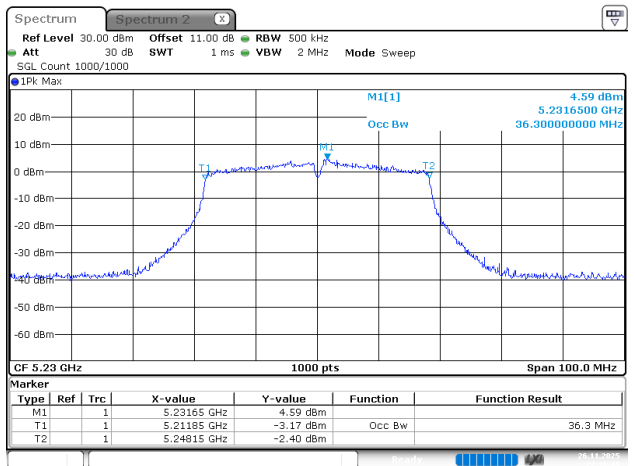


802.11n40_5190MHz_Chain 0



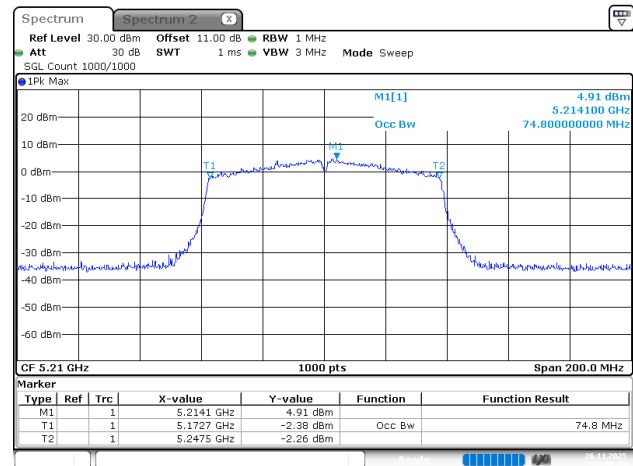
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:14:33

802.11n40_5230MHz_Chain 0



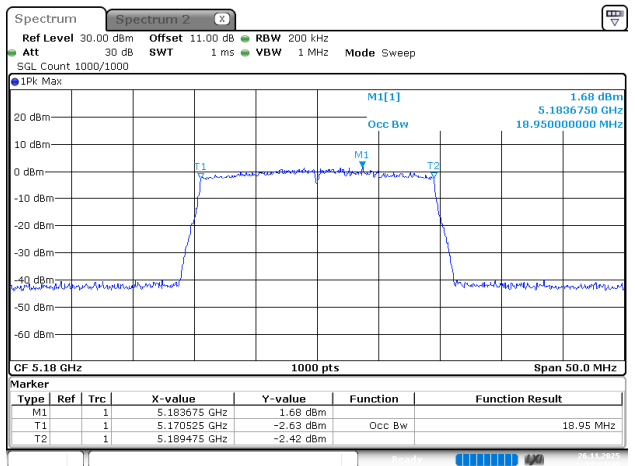
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:16:49

802.11ac80_5210MHz_Chain 0



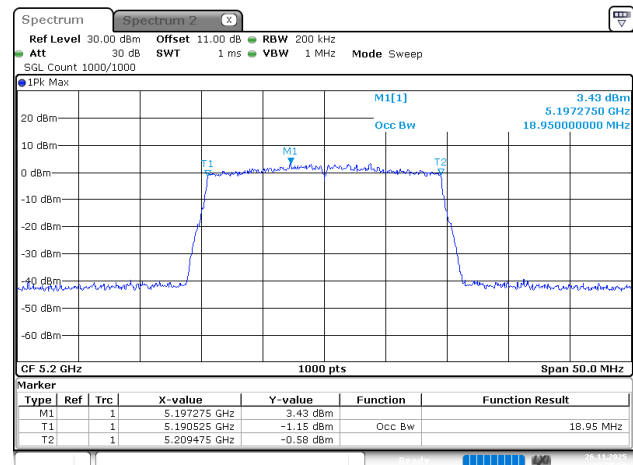
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:50:44

802.11ax20_5180MHz_Chain 0



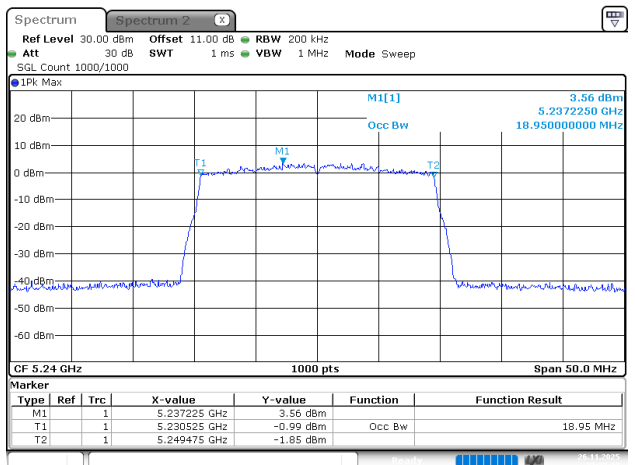
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:23:46

802.11ax20_5200MHz_Chain 0



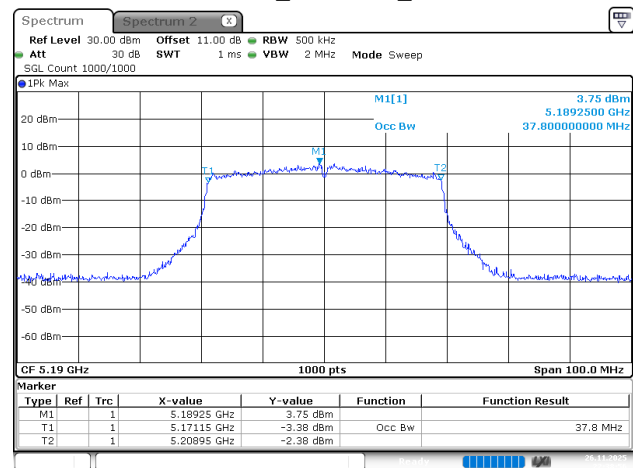
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:25:39

802.11ax20_5240MHz_Chain 0



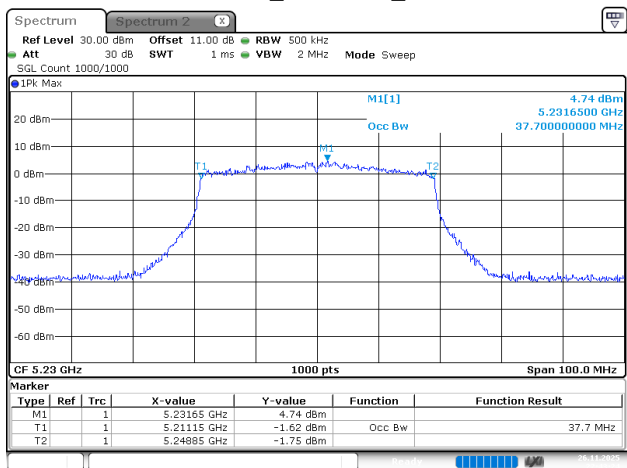
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:27:27

802.11ax40_5190MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:38:56

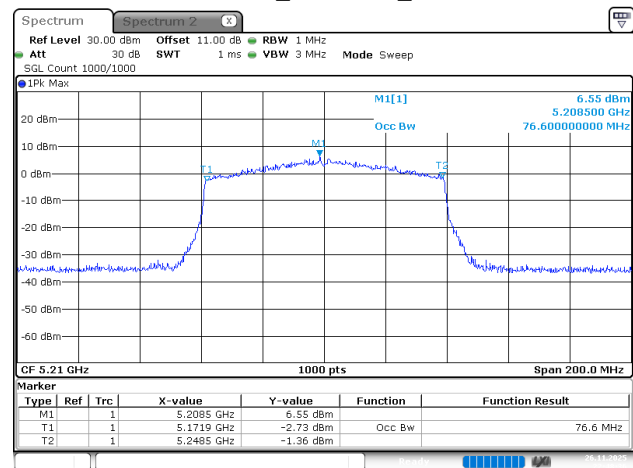
802.11ax40_5230MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:43:24

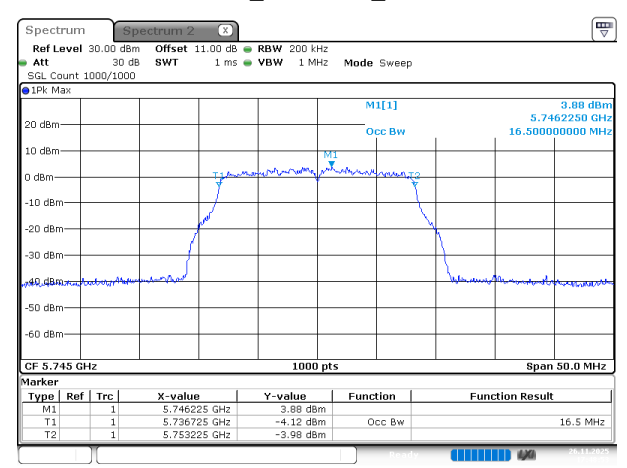
5725-5850MHz

802.11ax80_5210MHz_Chain 0



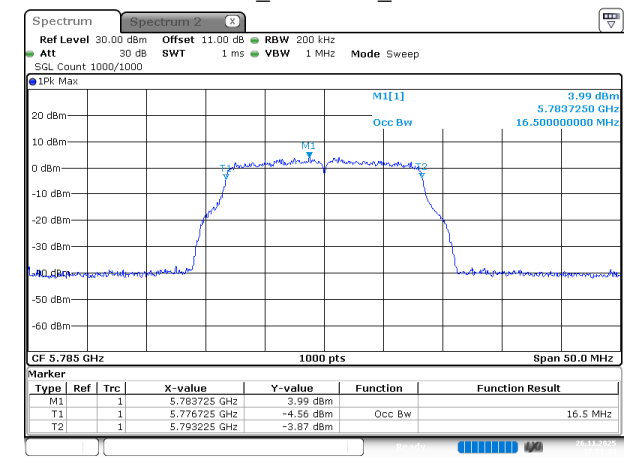
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 22:48:36

802.11a_5745MHz_Chain 0



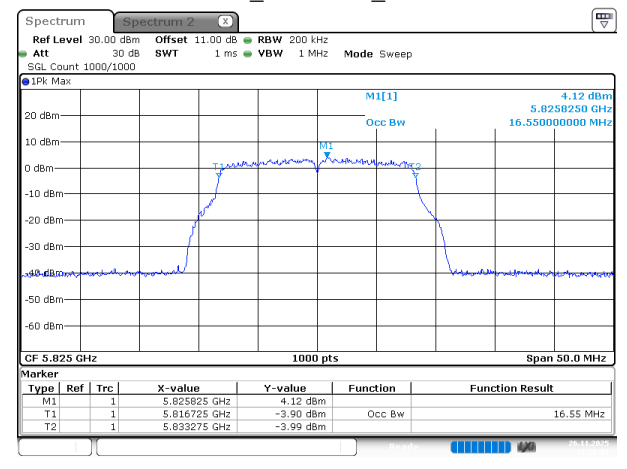
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 17:48:53

802.11a_5785MHz_Chain 0



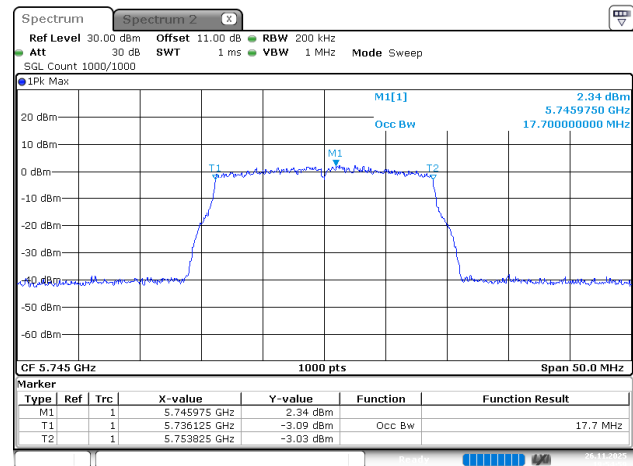
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 17:53:44

802.11a_5825MHz_Chain 0



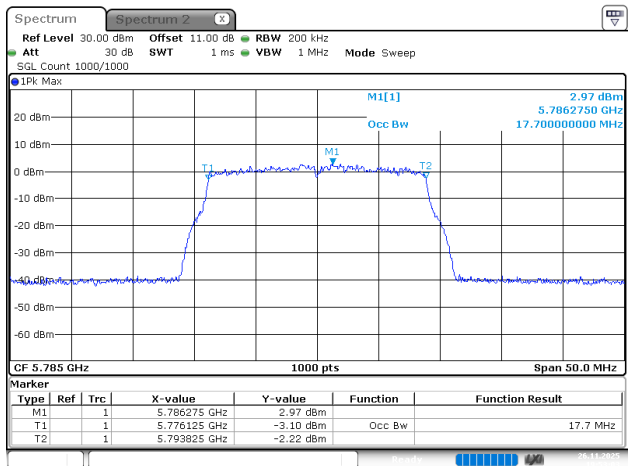
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 17:56:03

802.11n20_5745MHz_Chain 0



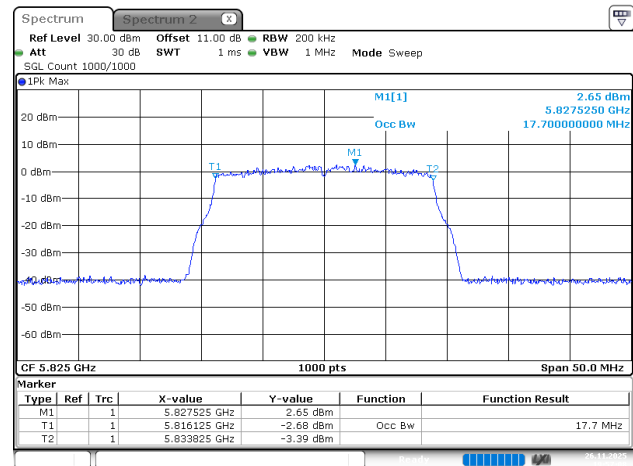
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 19:55:00

802.11n20_5785MHz_Chain 0



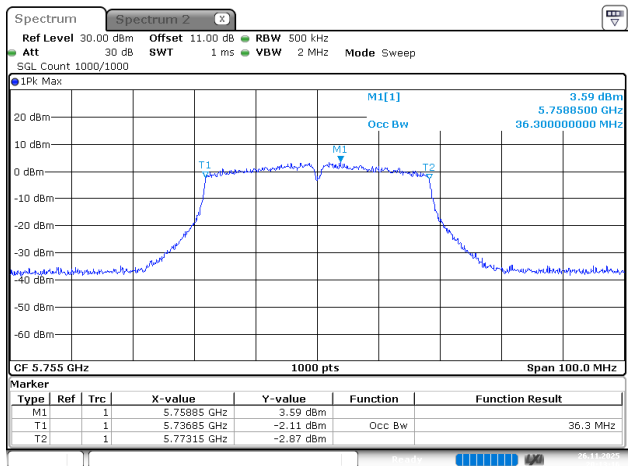
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 19:53:03

802.11n20_5825MHz_Chain 0



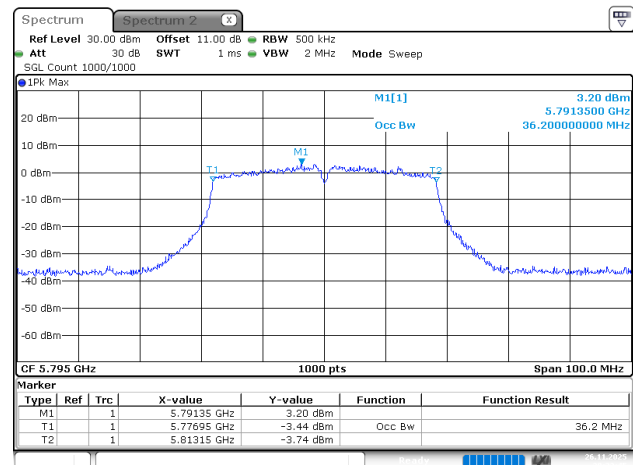
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 19:57:08

802.11n40_5755MHz_Chain 0



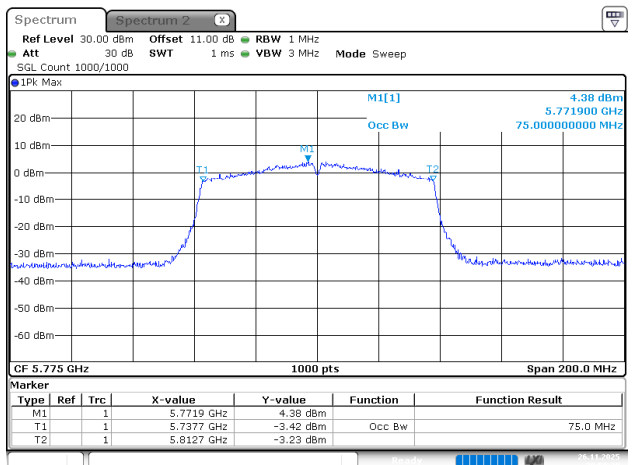
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:13:16

802.11n40_5795MHz_Chain 0



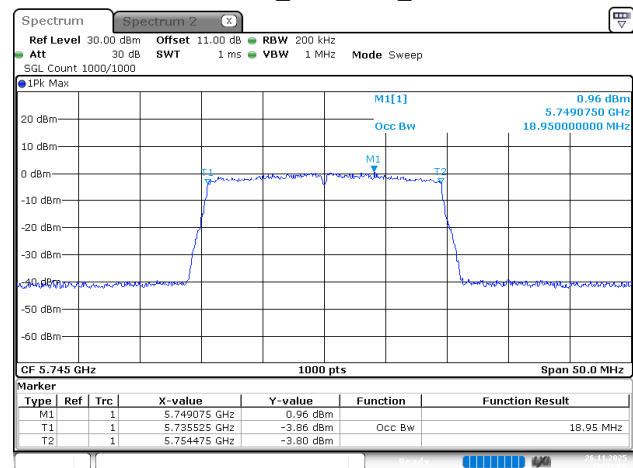
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:22:45

802.11ac80_5775MHz_Chain 0



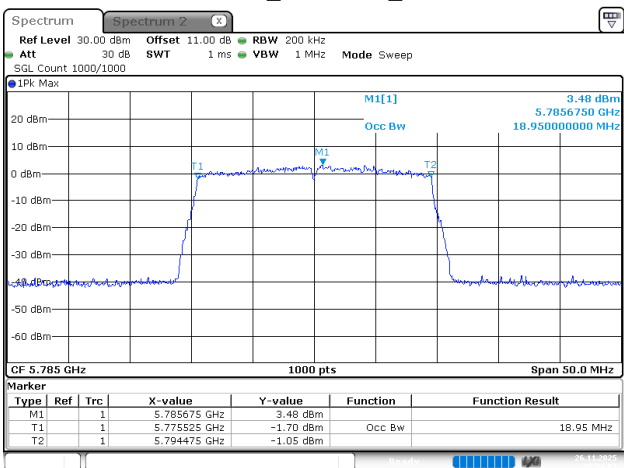
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:59:38

802.11ax20_5745MHz_Chain 0



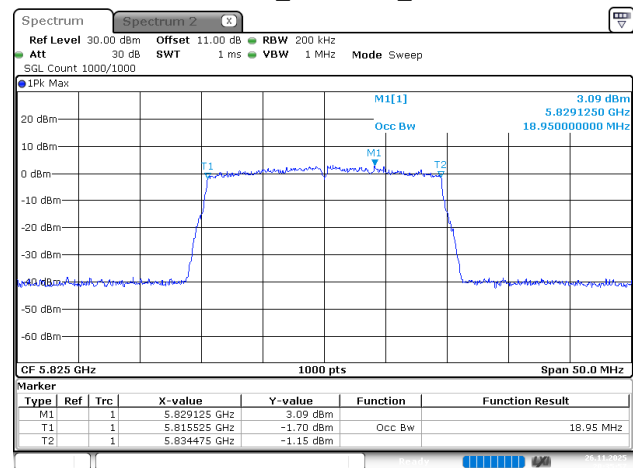
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:32:09

802.11ax20_5785MHz_Chain 0



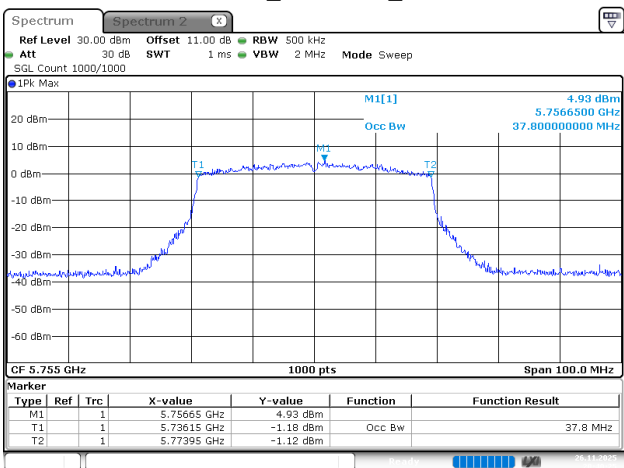
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:34:03

802.11ax20_5825MHz_Chain 0



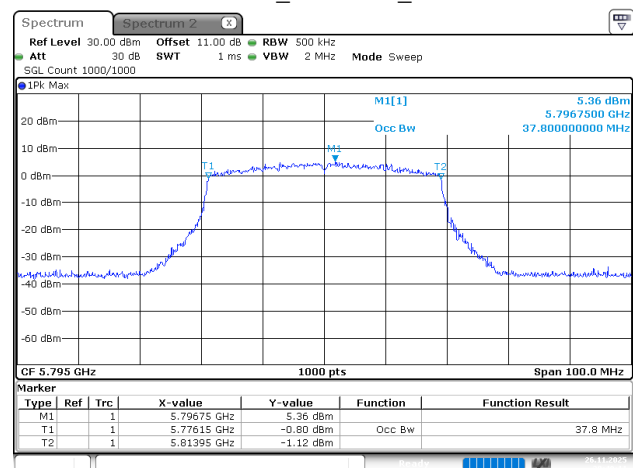
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:35:57

802.11ax40_5755MHz_Chain 0



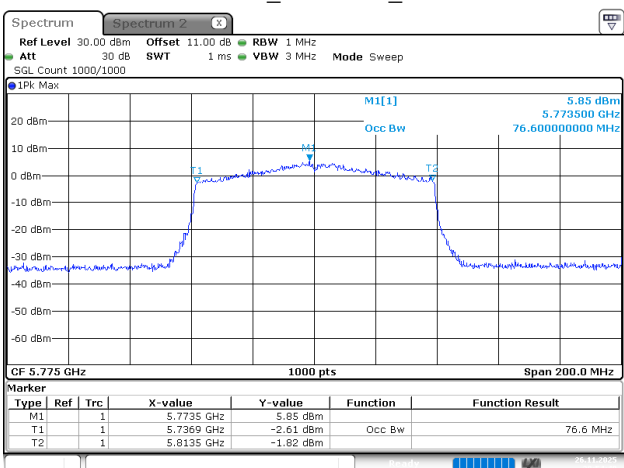
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:40:25

802.11ax40_5795MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:49:11

802.11ax80_5775MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:54:49

5.6 Maximum Conducted Output Power

Test Information:

Serial No.:	3ACD-6	Test Date:	2025/11/26~2026/03/04
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.2-25.8	Relative Humidity: (%)	35-48	ATM Pressure: (kPa)	101.2-101.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2025/06/06	2026/06/05
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2025/06/11	2026/06/10

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	EIRP (dBm)	RSS 247 EIRP Limit (dBm)
802.11a	Chain 0	5180	13.35	24	18.47	22.19
		5200	13.59	24	18.71	22.17
		5240	13.18	24	18.3	22.19
	Chain 1	5180	13.36	24	18.48	22.19
		5200	13.36	24	18.48	22.17
		5240	12.87	24	17.99	22.19
802.11n20	Chain 0	5180	7.73	24	12.85	22.48
		5200	8.6	24	13.72	22.48
		5240	8.64	24	13.76	22.48
	Chain 1	5180	8.16	24	13.28	22.48
		5200	8.16	24	13.28	22.48
		5240	7.78	24	12.9	22.48
	Chain 0 +Chain 1	5180	10.96	24	16.08	22.48
		5200	11.40	24	16.52	22.48
		5240	11.24	24	16.36	22.48
802.11n40	Chain 0	5190	10.64	24	15.76	23.0
		5230	11.5	24	16.62	23.0
	Chain 1	5190	11.77	24	16.89	23.0
		5230	11.55	24	16.67	23.0
	Chain 0+ Chain 1	5190	14.25	24	19.37	23.0
		5230	14.54	24	19.66	23.0
802.11ac80	Chain 0	5210	11.38	24	16.5	23.0
	Chain 1	5210	11.49	24	16.61	23.0
	Chain 0+ Chain 1	5210	14.45	24	19.57	23.0
802.11ax20	Chain 0	5180	8.27	24	13.39	22.78
		5200	8.45	24	13.57	22.78
		5240	8.41	24	13.53	22.78
	Chain 1	5180	8.49	24	13.61	22.78
		5200	9.01	24	14.13	22.78
		5240	8.84	24	13.96	22.78
	Chain 0+ Chain 1	5180	11.39	24	16.51	22.78
		5200	11.75	24	16.87	22.78
		5240	11.64	24	16.76	22.78
802.11ax40	Chain 0	5190	10.28	24	15.4	23.0
		5230	11.23	24	16.35	23.0
	Chain 1	5190	11.87	24	16.99	23.0
		5230	12.13	24	17.25	23.0
	Chain 0+ Chain 1	5190	14.16	24	19.28	23.0
		5230	14.71	24	19.83	23.0
802.11ax80	Chain 0	5210	11.63	24	16.75	23.0
	Chain 1	5210	10.49	24	15.61	23.0
	Chain 0+ Chain 1	5210	14.11	24	19.23	23.0

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5745	15.52	30	Pass
		5785	16.45	30	Pass
		5825	16.5	30	Pass
	Chain 1	5745	15.15	30	Pass
		5785	15.86	30	Pass
		5825	15.61	30	Pass
802.11n20	Chain 0	5745	12.05	30	Pass
		5785	12.68	30	Pass
		5825	12.11	30	Pass
	Chain 1	5745	11.27	30	Pass
		5785	11.45	30	Pass
		5825	10.86	30	Pass
	Chain 0+Chain 1	5745	14.69	30	Pass
		5785	15.12	30	Pass
		5825	14.54	30	Pass
802.11n40	Chain 0	5755	11.2	30	Pass
		5795	10.52	30	Pass
	Chain 1	5755	10.75	30	Pass
		5795	10.72	30	Pass
	Chain 0+Chain 1	5755	13.99	30	Pass
		5795	13.63	30	Pass
802.11ac80	Chain 0	5775	10.97	30	Pass
	Chain 1	5775	9.9	30	Pass
	Chain 0+Chain 1	5775	13.48	30	Pass
802.11ax20	Chain 0	5745	12.09	30	Pass
		5785	12.47	30	Pass
		5825	12.3	30	Pass
	Chain 1	5745	11.47	30	Pass
		5785	12.2	30	Pass
		5825	11.59	30	Pass
	Chain 0+Chain 1	5745	14.80	30	Pass
		5785	15.35	30	Pass
		5825	14.97	30	Pass
802.11ax40	Chain 0	5755	11.5	30	Pass
		5795	12.47	30	Pass
	Chain 1	5755	11.5	30	Pass
		5795	12.16	30	Pass
	Chain 0+Chain 1	5755	14.51	30	Pass
		5795	15.33	30	Pass
802.11ax80	Chain 0	5775	11.1	30	Pass
	Chain 1	5775	9.8	30	Pass
	Chain 0+Chain 1	5775	13.51	30	Pass

5.7 Maximum power spectral density

Test Information:

Serial No.:	3ACD-6	Test Date:	2025/11/26~2026/03/04
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.2-25.8	Relative Humidity: (%)	35-48	ATM Pressure: (kPa)	101.2-101.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM521	2025/04/09	2026/04/08
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101589	2025/07/28	2026/07/27

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

5150-5250MHz

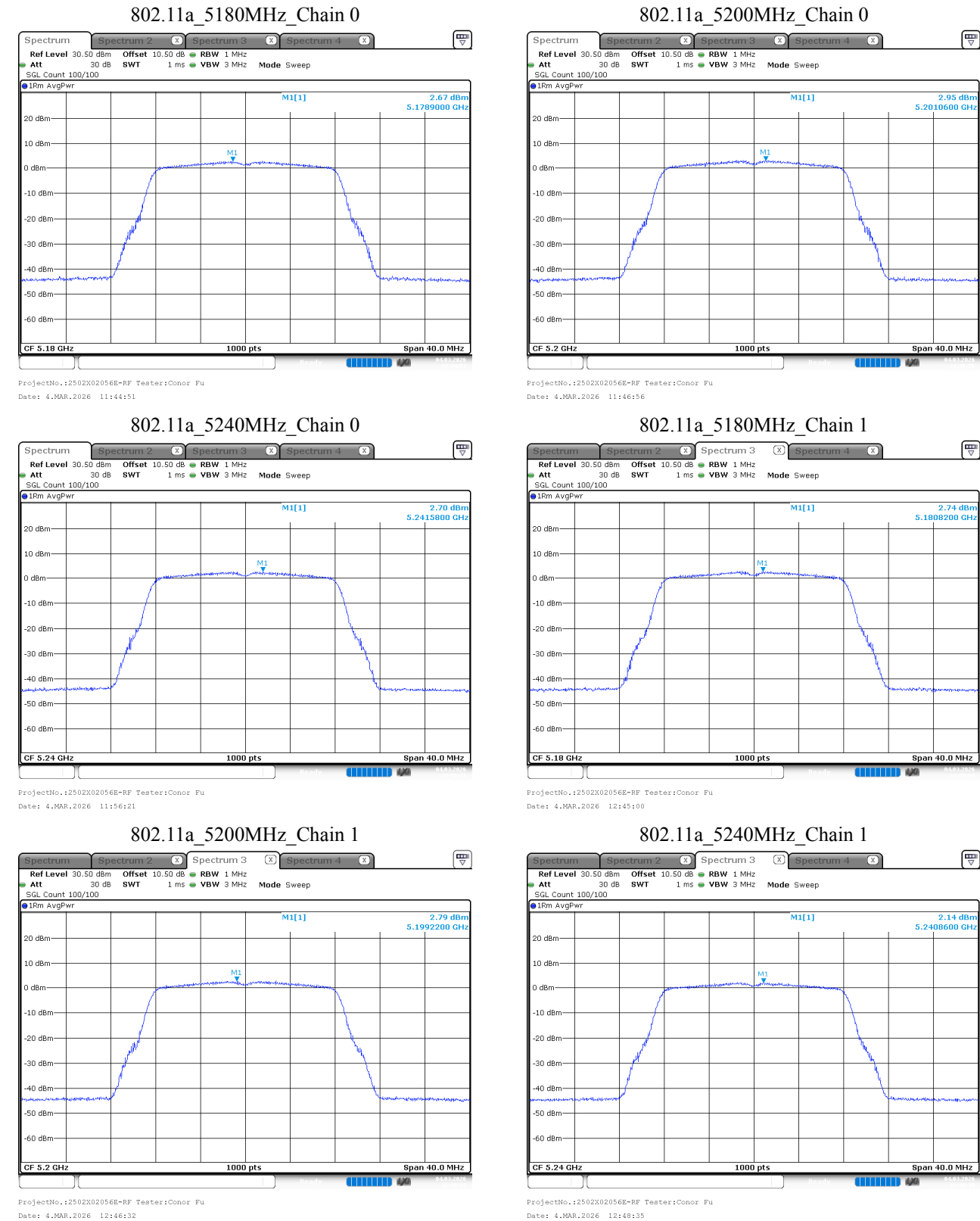
Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	EIRP (dBm/MHz)	RSS 247 EIRP Limit (dBm/MHz)
802.11a	Chain 0	5180	2.67	0.10	2.77	11	7.89	10
		5200	2.95	0.10	3.05	11	8.17	10
		5240	2.70	0.10	2.80	11	7.92	10
	Chain 1	5180	2.74	0.10	2.84	11	7.96	10
		5200	2.79	0.10	2.89	11	8.01	10
		5240	2.14	0.10	2.24	11	7.36	10
802.11n20	Chain 0	5180	-3.16	0.18	-2.98	11	2.14	10
		5200	-1.85	0.18	-1.67	11	3.45	10
		5240	-2.20	0.18	-2.02	11	3.1	10
	Chain 1	5180	-2.60	0.18	-2.42	11	2.7	10
		5200	-2.67	0.18	-2.49	11	2.63	10
		5240	-3.16	0.18	-2.98	11	2.14	10
	Chain 0 +Chain 1	5180	0.14	0.18	0.32	8.66	8.45	10
		5200	0.77	0.18	0.95	8.66	9.08	10
		5240	0.36	0.18	0.54	8.66	8.67	10
802.11n40	Chain 0	5190	-2.72	0	-2.72	11	2.4	10
		5230	-1.58	0	-1.58	11	3.54	10
	Chain 1	5190	-1.74	0	-1.74	11	3.38	10
		5230	-2.05	0	-2.05	11	3.07	10
	Chain 0 +Chain 1	5190	0.81	0	0.81	8.66	8.94	10
		5230	1.20	0	1.20	8.66	9.33	10
802.11ac80	Chain 0	5210	-4.18	0	-4.18	11	0.94	10
	Chain 1	5210	-4.23	0	-4.23	11	0.89	10
	Chain 0 +Chain 1	5210	-1.19	0	-1.19	8.66	6.94	10
802.11ax20	Chain 0	5180	-2.41	0.10	-2.31	11	2.81	10
		5200	-2.02	0.10	-1.92	11	3.2	10
		5240	-2.35	0.10	-2.25	11	2.87	10
	Chain 1	5180	-2.10	0.10	-2.00	11	3.12	10
		5200	-1.83	0.10	-1.73	11	3.39	10
		5240	-2.08	0.10	-1.98	11	3.14	10
	Chain 0 +Chain 1	5180	0.76	0.10	0.86	8.66	8.99	10
		5200	1.09	0.10	1.19	8.66	9.32	10
		5240	0.80	0.10	0.90	8.66	9.03	10
802.11ax40	Chain 0	5190	-3.34	0.10	-3.24	11	1.88	10
		5230	-2.66	0.10	-2.56	11	2.56	10
	Chain 1	5190	-1.51	0.10	-1.41	11	3.71	10
		5230	-1.55	0.10	-1.45	11	3.67	10
	Chain 0 +Chain 1	5190	0.68	0.10	0.78	8.66	8.91	10
		5230	0.94	0.10	1.04	8.66	9.17	10
802.11ax80	Chain 0	5210	-4.22	0.11	-4.11	11	1.01	10
	Chain 1	5210	-5.52	0.11	-5.41	11	-0.29	10
	Chain 0 +Chain 1	5210	-1.81	0.11	-1.7	8.66	6.43	10

5725-5850MHz

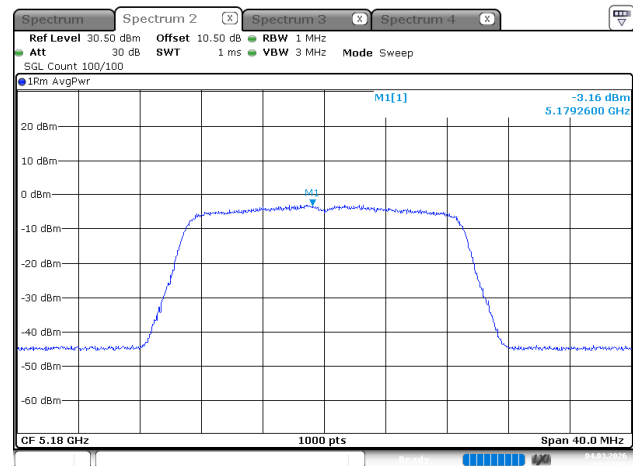
Mode	Antenna	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)
802.11a	Chain 0	5745	2.41	0.10	2.51	30
		5785	3.01	0.10	3.11	30
		5825	3.28	0.10	3.38	30
	Chain 1	5745	1.57	0.10	1.67	30
		5785	2.59	0.10	2.69	30
		5825	2.27	0.10	2.37	30
802.11n20	Chain 0	5745	-1.73	0.18	-1.55	30
		5785	-0.80	0.18	-0.62	30
		5825	-1.48	0.18	-1.3	30
	Chain 1	5745	-2.05	0.18	-1.87	30
		5785	-2.17	0.18	-1.99	30
		5825	-2.85	0.18	-2.67	30
	Chain 0+Chain 1	5745	1.12	0.18	1.3	28.71
		5785	1.58	0.18	1.76	28.71
		5825	0.90	0.18	1.08	28.71
802.11n40	Chain 0	5755	-4.88	0	-4.88	30
		5795	-5.90	0	-5.9	30
	Chain 1	5755	-5.50	0	-5.5	30
		5795	-5.46	0	-5.46	30
	Chain 0+Chain 1	5755	-2.17	0	-2.17	28.71
		5795	-2.66	0	-2.66	28.71
802.11ac80	Chain 0	5775	-7.16	0	-7.16	30
	Chain 1	5775	-8.74	0	-8.74	30
	Chain 0+Chain 1	5775	-4.87	0	-4.87	28.71
802.11ax20	Chain 0	5745	-1.64	0.10	-1.54	30
		5785	-1.41	0.10	-1.31	30
		5825	-1.40	0.10	-1.3	30
	Chain 1	5745	-2.04	0.10	-1.94	30
		5785	-1.51	0.10	-1.41	30
		5825	-2.13	0.10	-2.03	30
	Chain 0+Chain 1	5745	1.17	0.10	1.27	28.71
		5785	1.55	0.10	1.65	28.71
		5825	1.26	0.10	1.36	28.71
802.11ax40	Chain 0	5755	-4.76	0.10	-4.66	30
		5795	-3.78	0.10	-3.68	30
	Chain 1	5755	-5.05	0.10	-4.95	30
		5795	-4.45	0.10	-4.35	30
	Chain 0+Chain 1	5755	-1.89	0.10	-1.79	28.71
		5795	-1.09	0.10	-0.99	28.71
802.11ax80	Chain 0	5775	-7.42	0.11	-7.31	30
	Chain 1	5775	-9.07	0.11	-8.96	30
	Chain 0+Chain 1	5775	-5.16	0.11	-5.05	28.71

Result = Reading + Duty Cycle Factor

5150-5250MHz

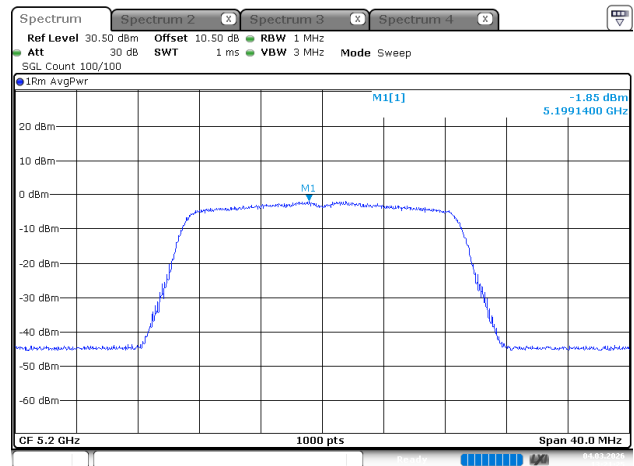


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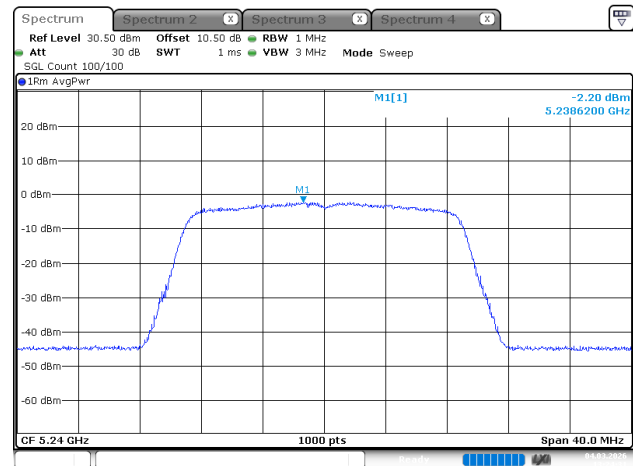
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Date: 4.MAR.2026 13:17:06

802.11n20_5200MHz_Chain 0



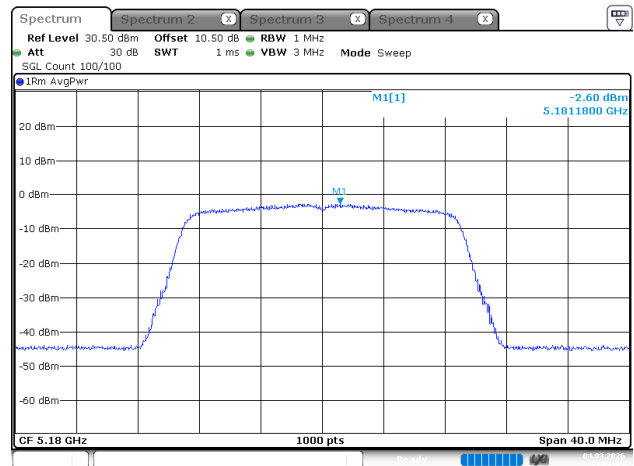
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802.11n20_5240MHz_Chain 0



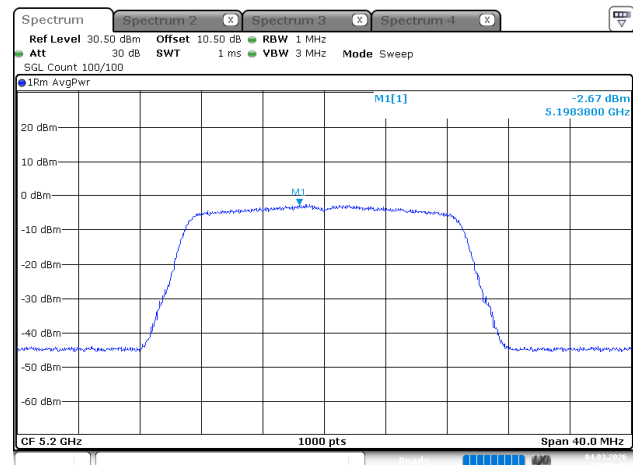
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Date: 4.MAR.2026 13:24:32

802.11n20_5180MHz_Chain 1



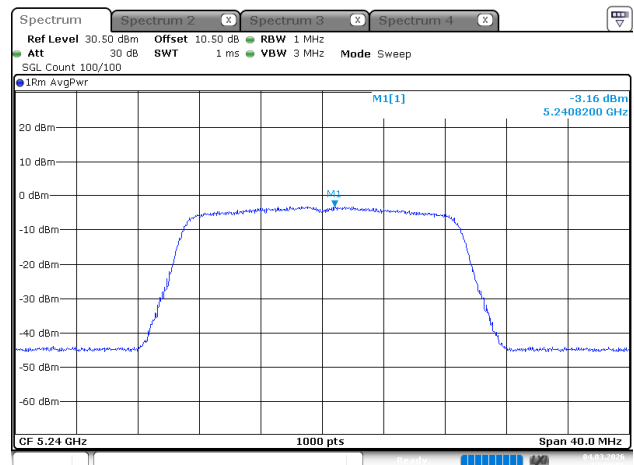
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Date: 4.MAR.2026 13:07:05

802.11n20_5200MHz_Chain 1



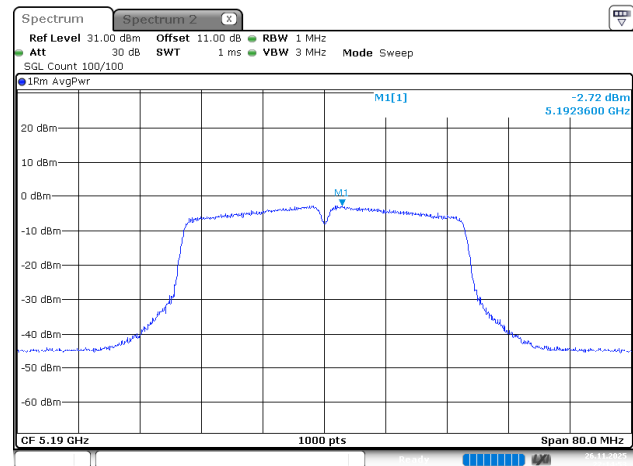
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Date: 4.MAR.2026 13:08:39

802.11n20_5240MHz_Chain 1



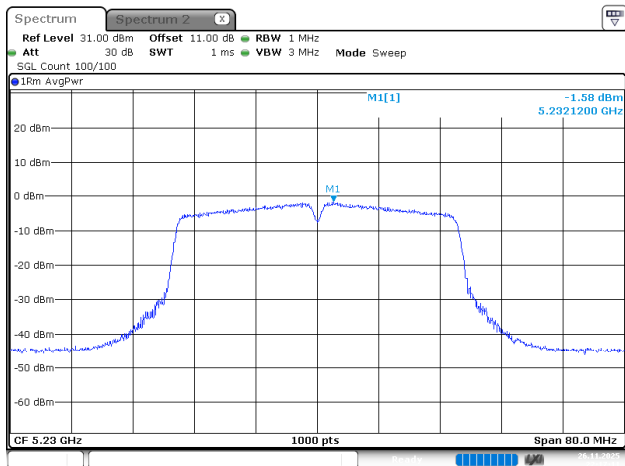
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Date: 4.MAR.2026 13:09:56

802.11n40_5190MHz_Chain 0



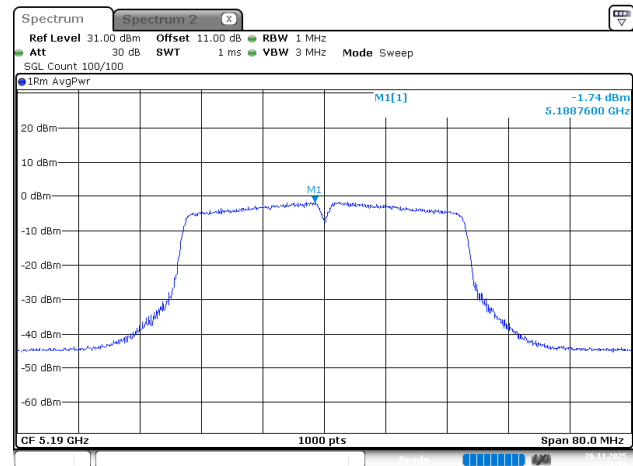
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Date: 26.NOV.2025 22:14:54

802.11n40_5230MHz_Chain 0



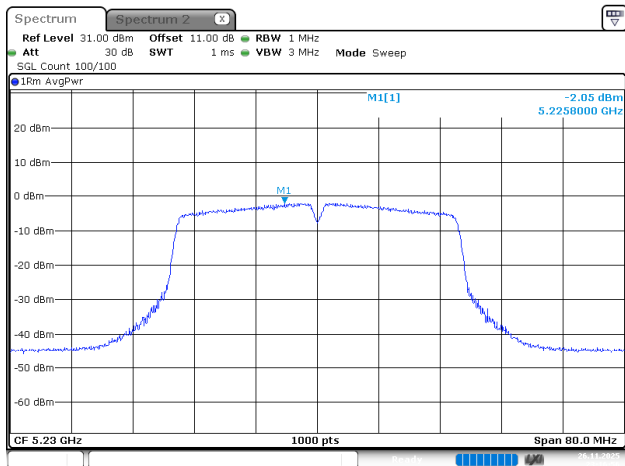
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Date: 26.NOV.2025 22:17:12

802.11n40_5190MHz_Chain 1



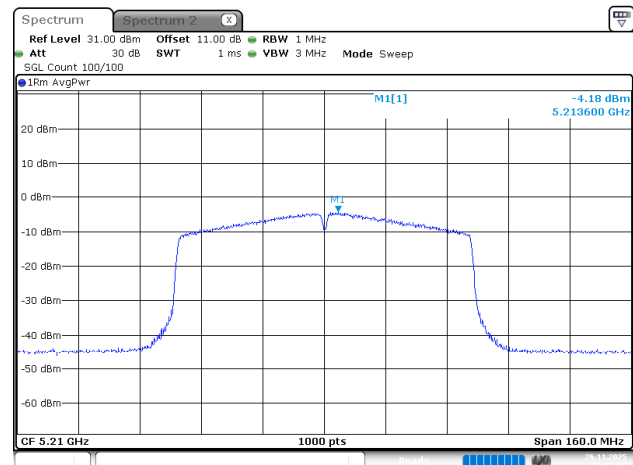
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802.11n40_5230MHz_Chain 1



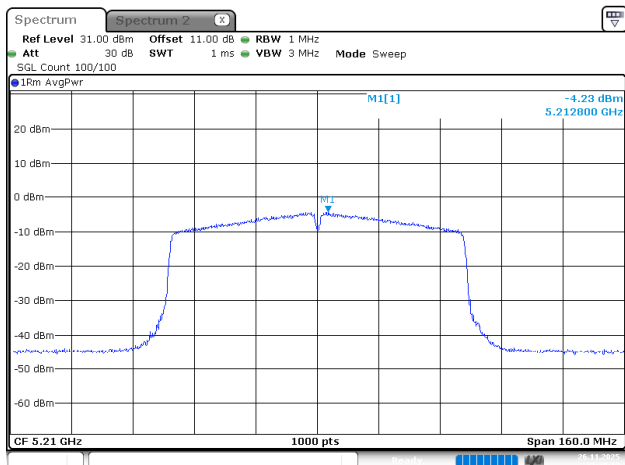
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802.11ac80_5210MHz_Chain 0



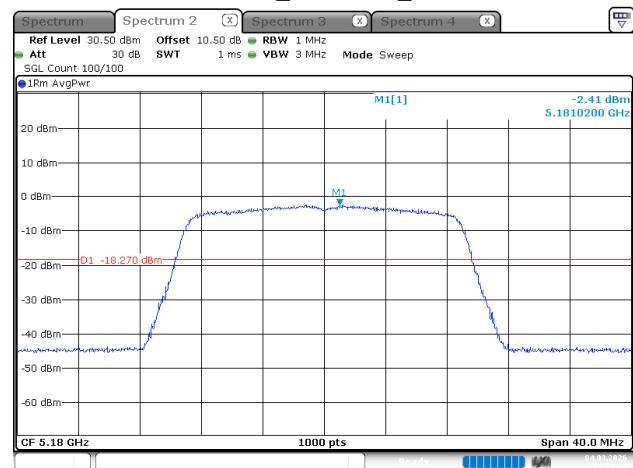
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802.11ac80_5210MHz_Chain 1



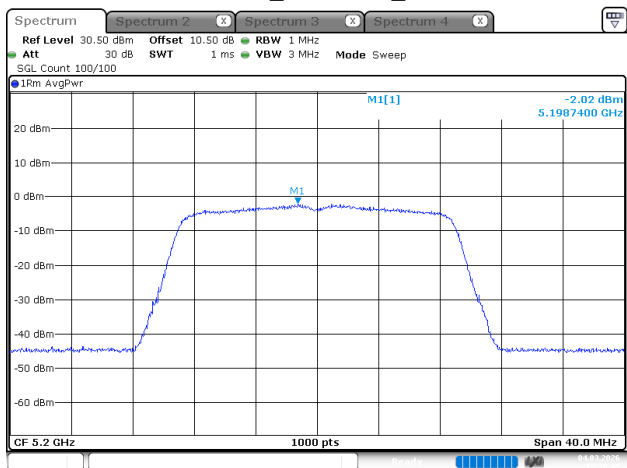
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802.11ax20_5180MHz_Chain 0



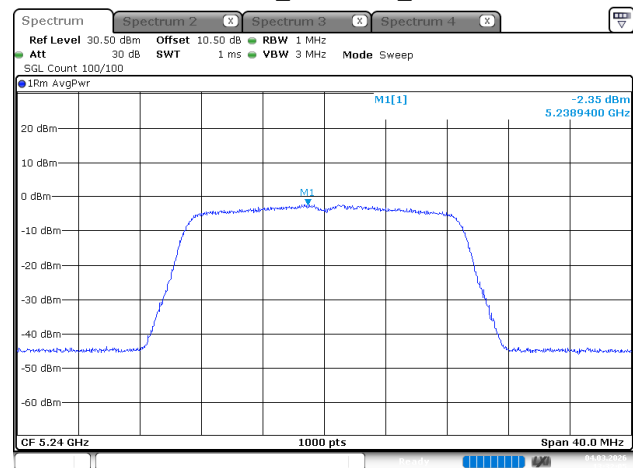
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802.11ax20_5200MHz_Chain 0



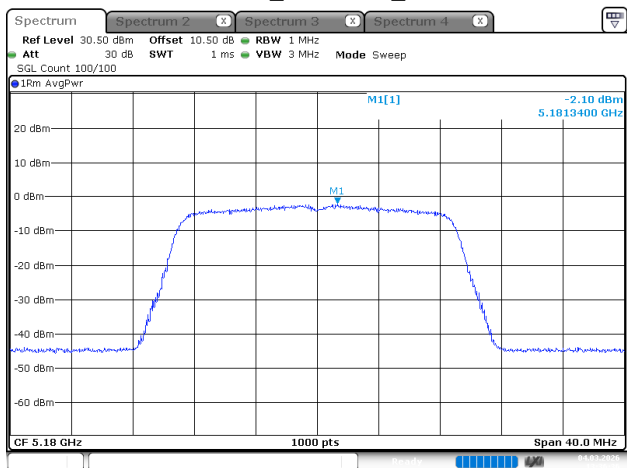
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802.11ax20_5240MHz_Chain 0



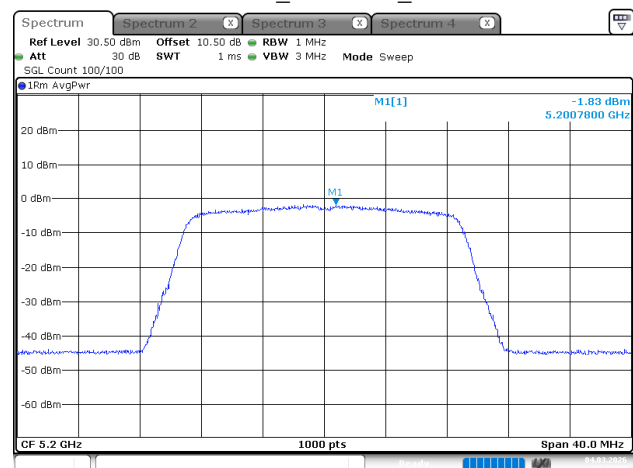
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Date: 4.MAR.2026 13:32:06

802.11ax20_5180MHz_Chain 1



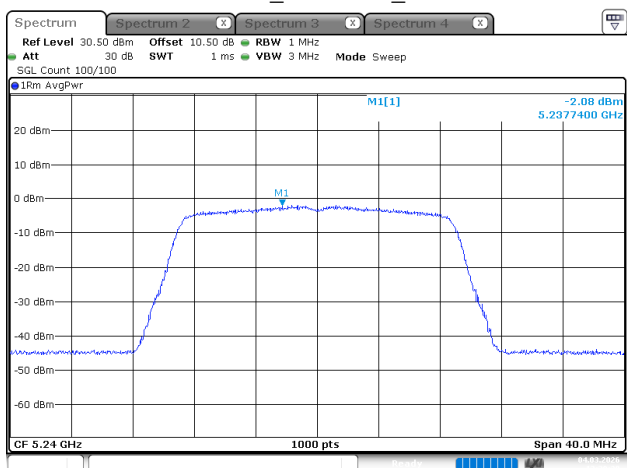
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802.11ax20_5200MHz_Chain 1



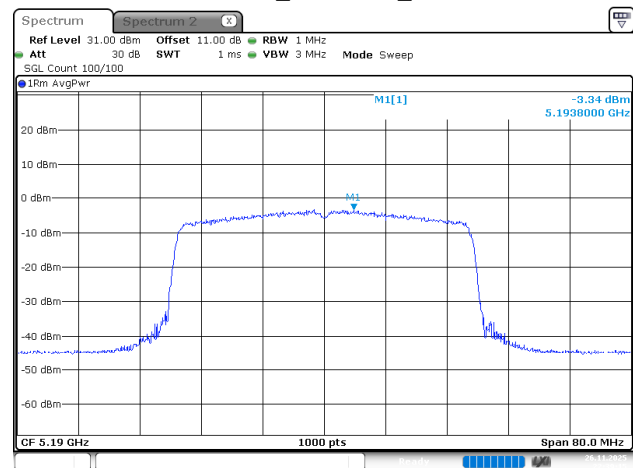
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802.11ax20_5240MHz_Chain 1



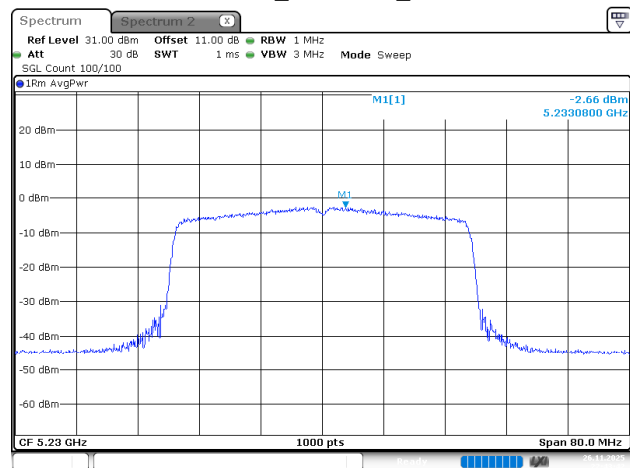
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802.11ax40_5190MHz_Chain 0



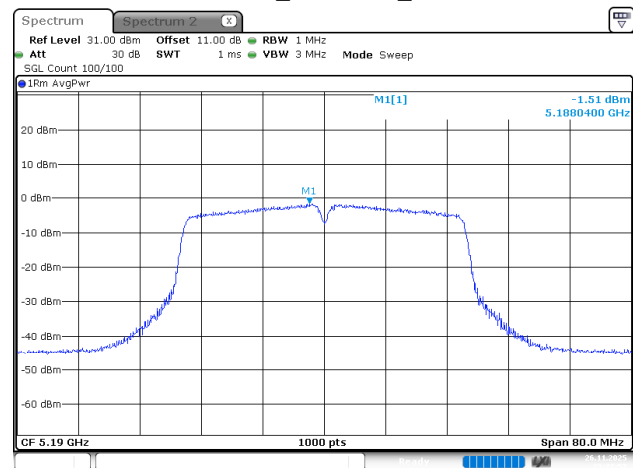
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802.11ax40_5230MHz_Chain 0



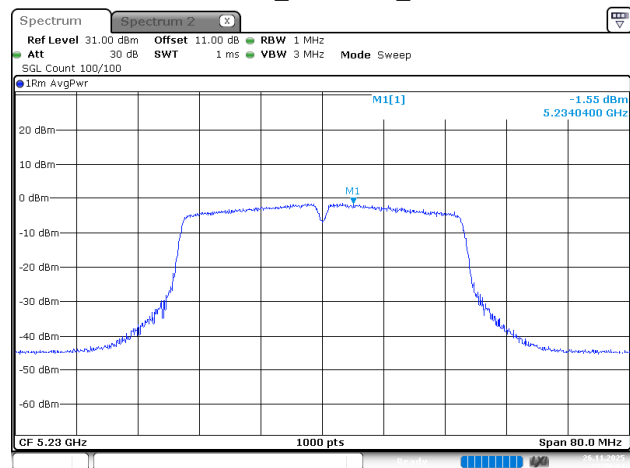
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802.11ax40_5190MHz_Chain 1



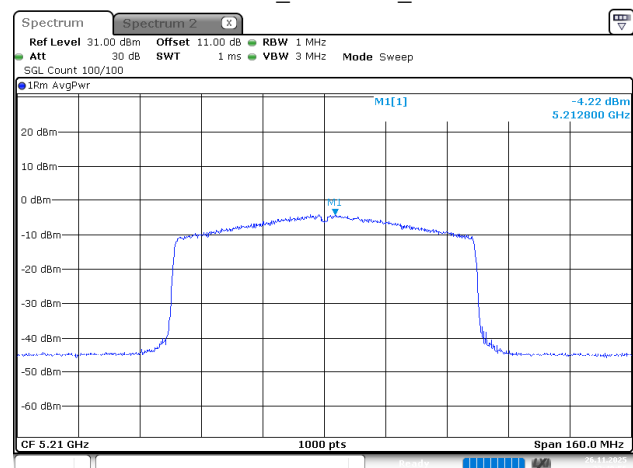
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802.11ax40_5230MHz_Chain 1



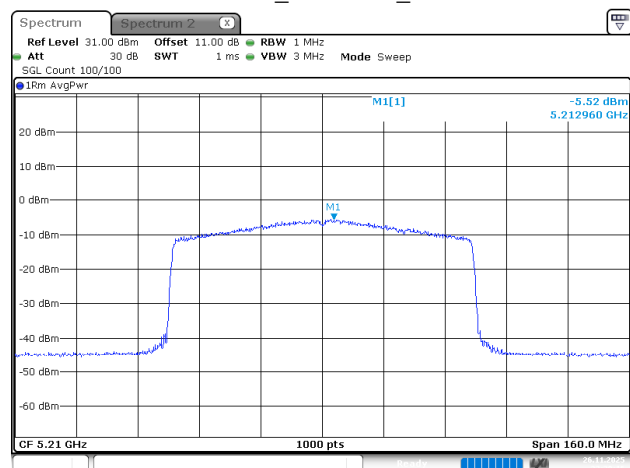
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802.11ax80_5210MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu
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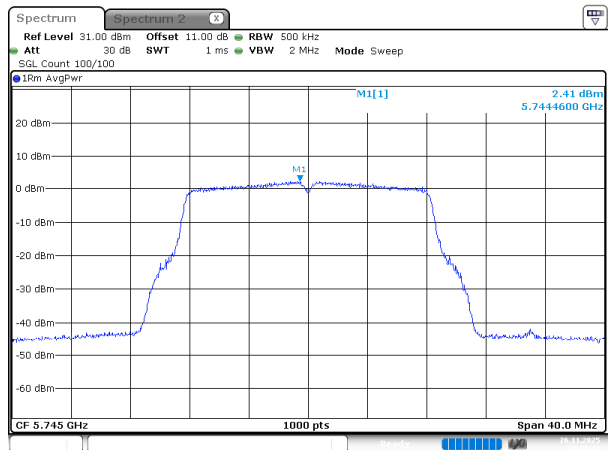
802.11ax80_5210MHz_Chain 1



ProjectNo.:2502X02056E-RF Tester:Conor Fu
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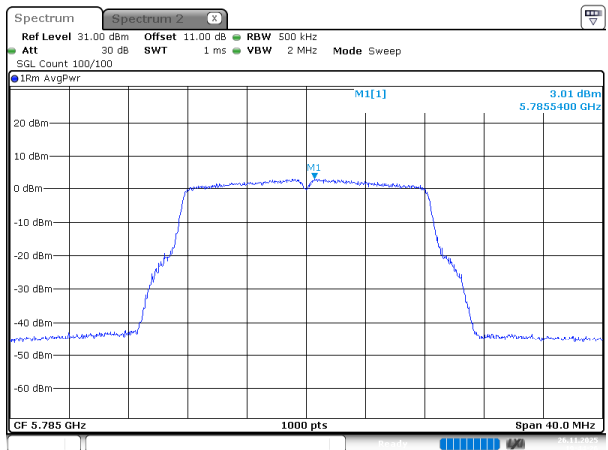
5725-5850MHz

802.11a_5745MHz_Chain 0



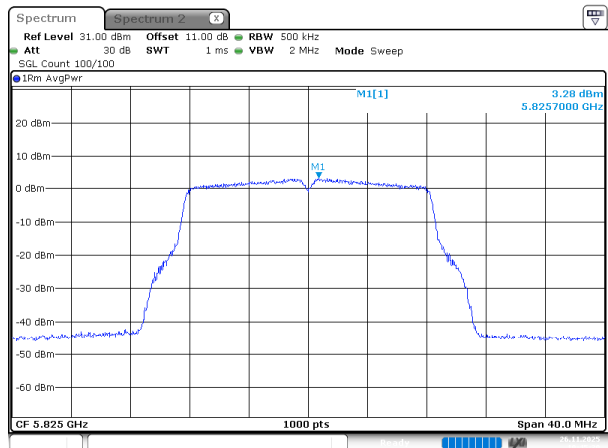
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802.11a_5785MHz_Chain 0



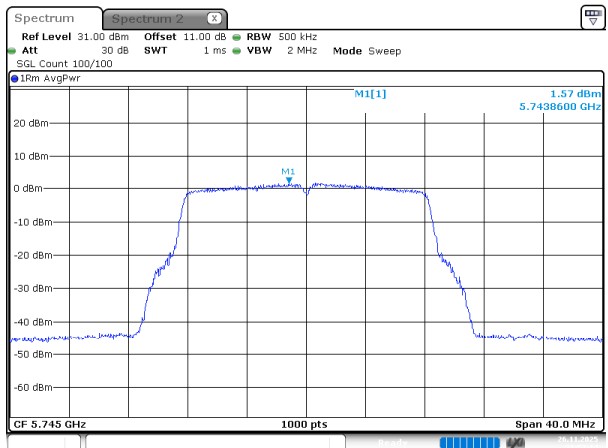
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802.11a_5825MHz_Chain 0



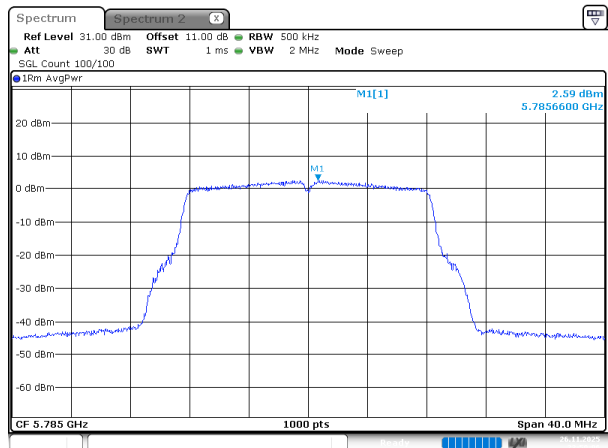
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802.11a_5745MHz_Chain 1



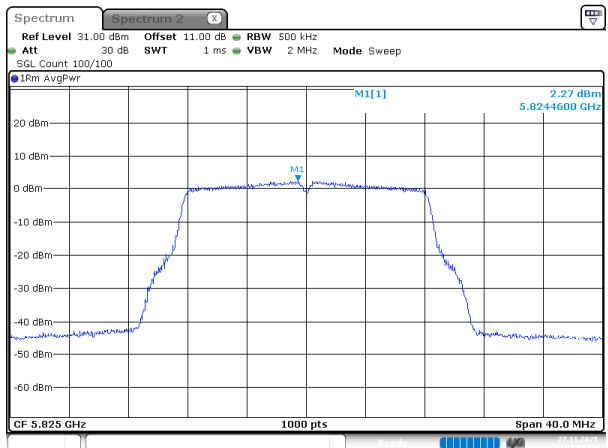
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802.11a_5785MHz_Chain 1



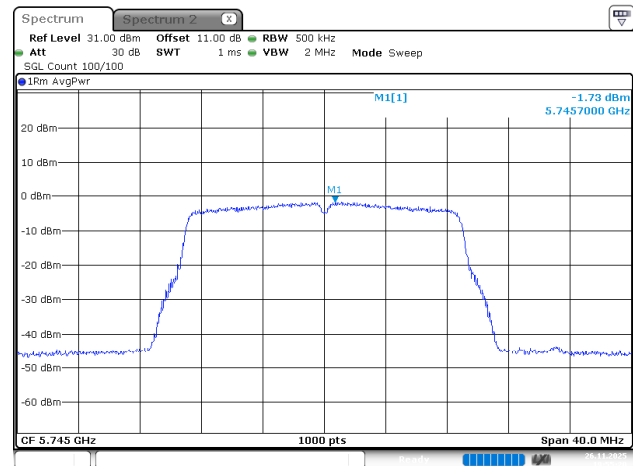
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Date: 26.NOV.2025 23:59:07

802.11a_5825MHz_Chain 1



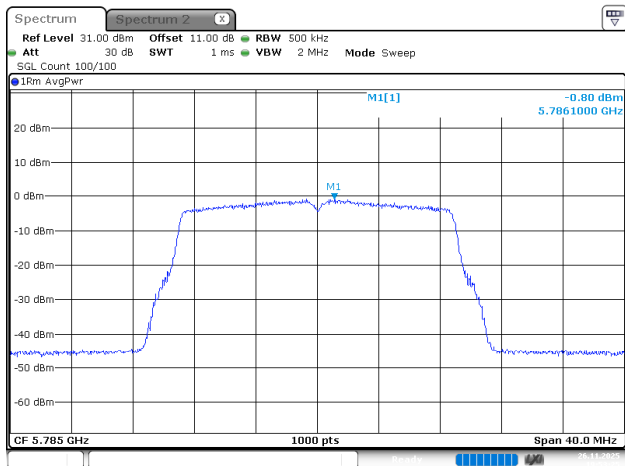
ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 27.NOV.2025 00:00:59

802.11n20_5745MHz_Chain 0



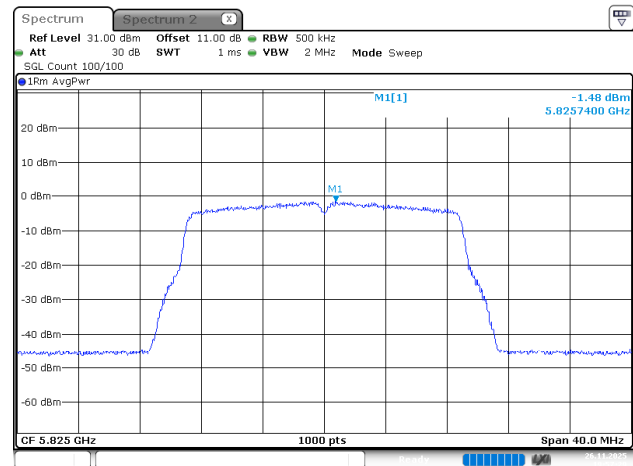
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Date: 26.NOV.2025 19:55:20

802.11n20_5785MHz_Chain 0



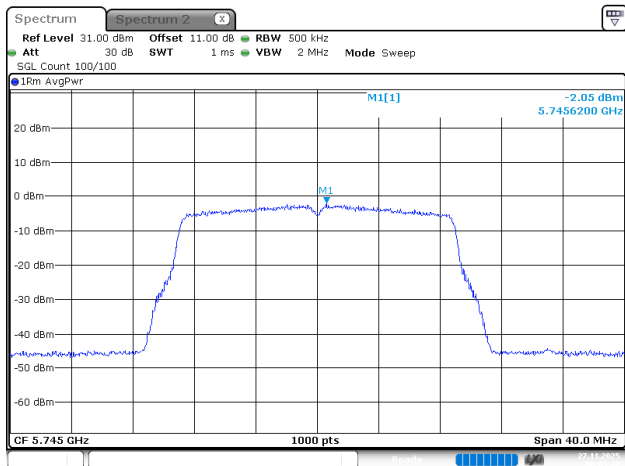
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Date: 26.NOV.2025 19:53:25

802.11n20_5825MHz_Chain 0



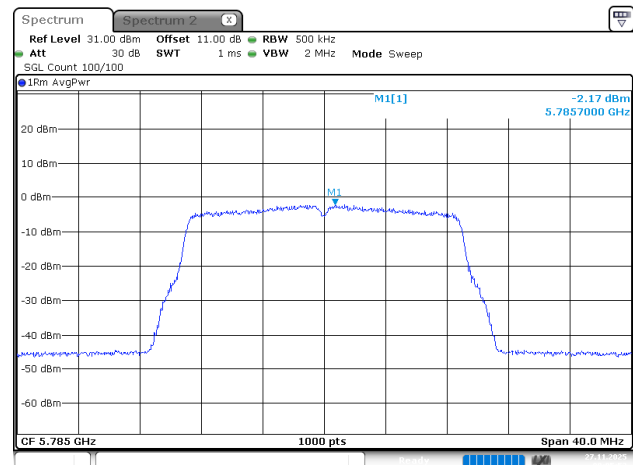
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Date: 26.NOV.2025 19:57:29

802.11n20_5745MHz_Chain 1



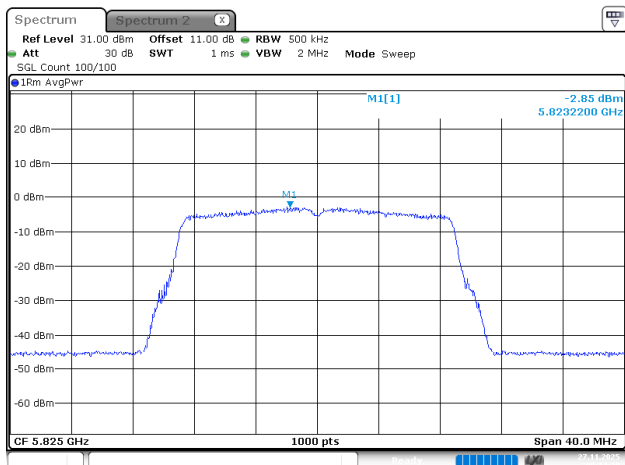
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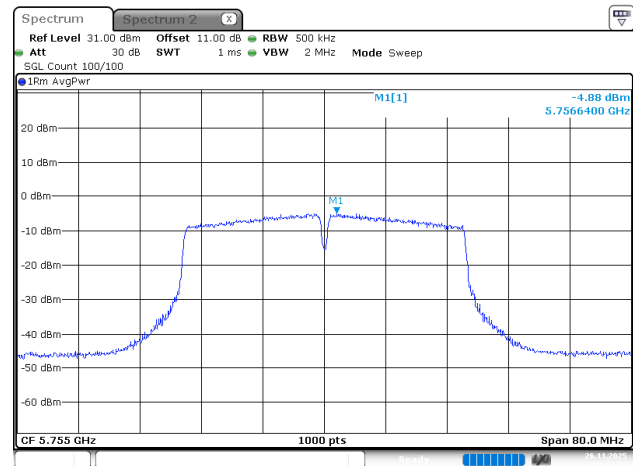
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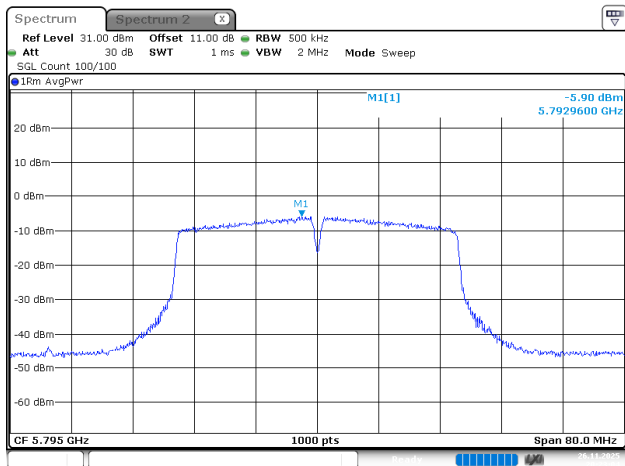
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Date: 27.NOV.2025 00:14:39

802.11n40_5755MHz_Chain 0



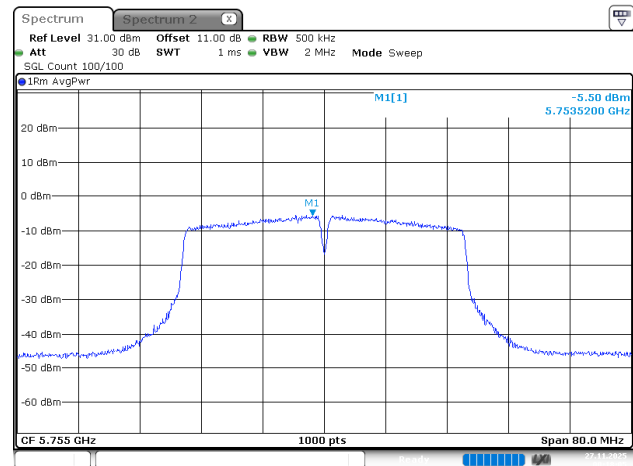
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Date: 26.NOV.2025 20:13:37

802.11n40_5795MHz_Chain 0



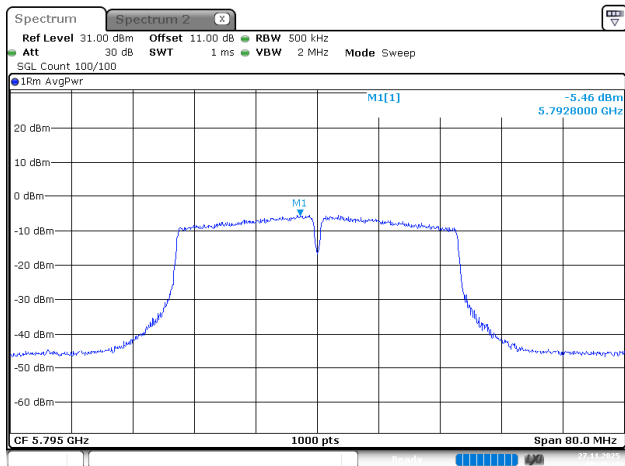
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802.11n40_5755MHz_Chain 1



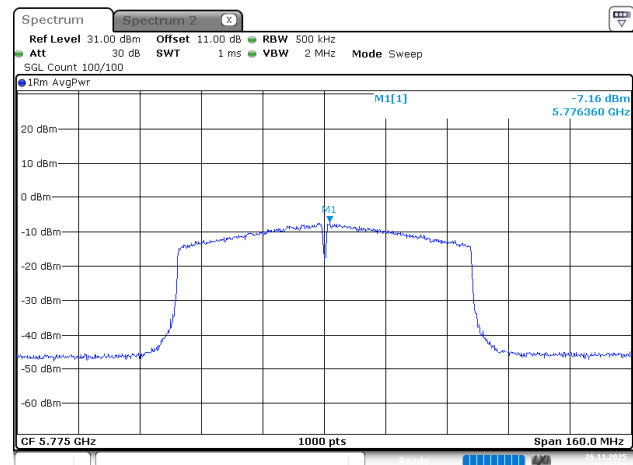
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802.11n40_5795MHz_Chain 1



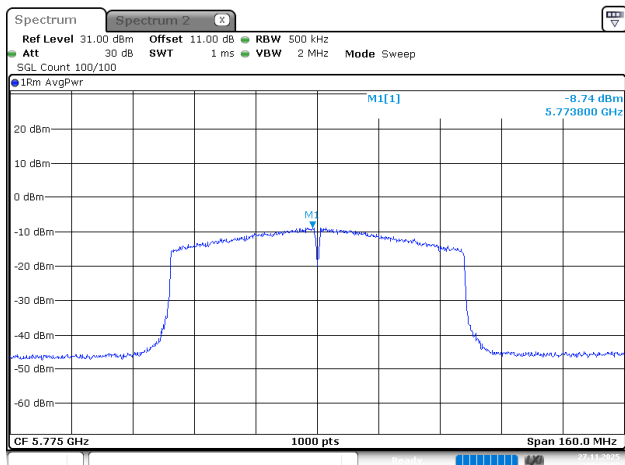
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802.11ac80_5775MHz_Chain 0



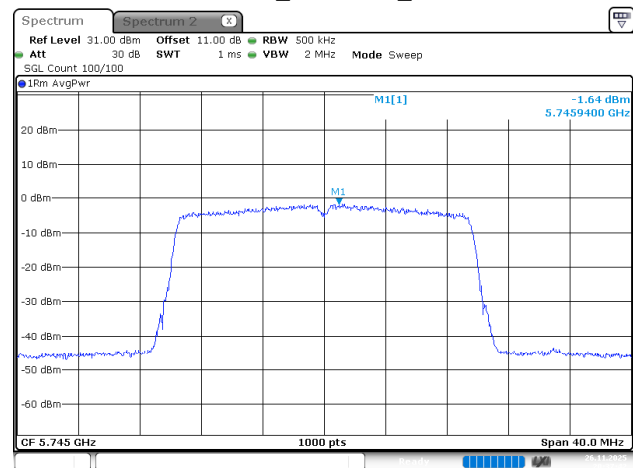
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802.11ac80_5775MHz_Chain 1



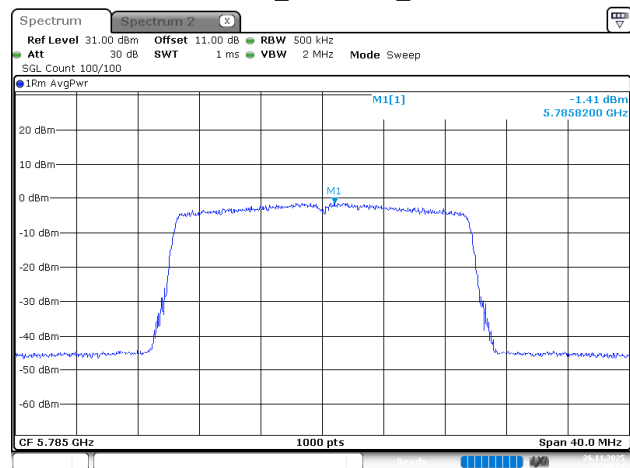
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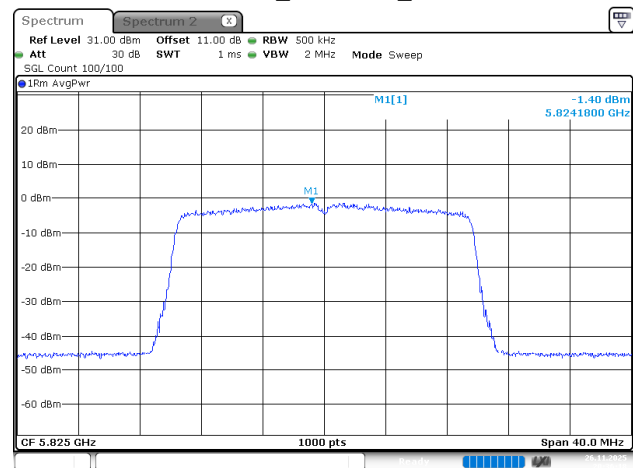
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802.11ax20_5785MHz_Chain 0



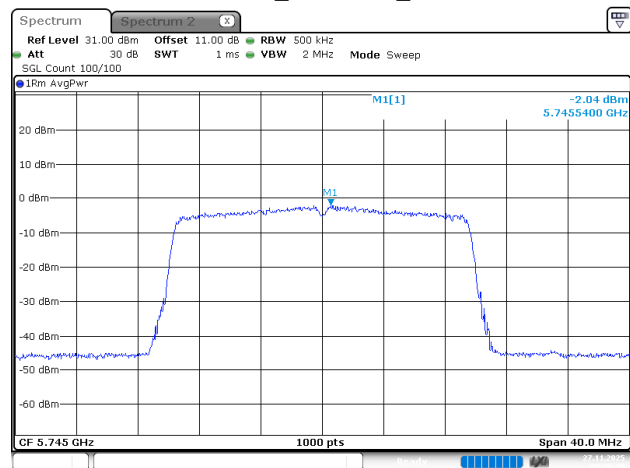
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802.11ax20_5825MHz_Chain 0



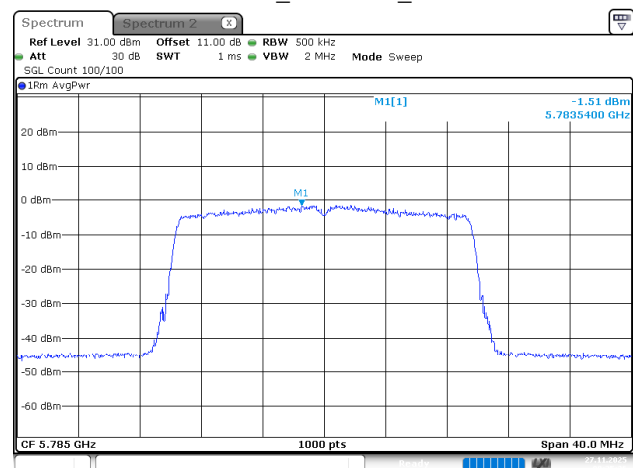
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802.11ax20_5745MHz_Chain 1



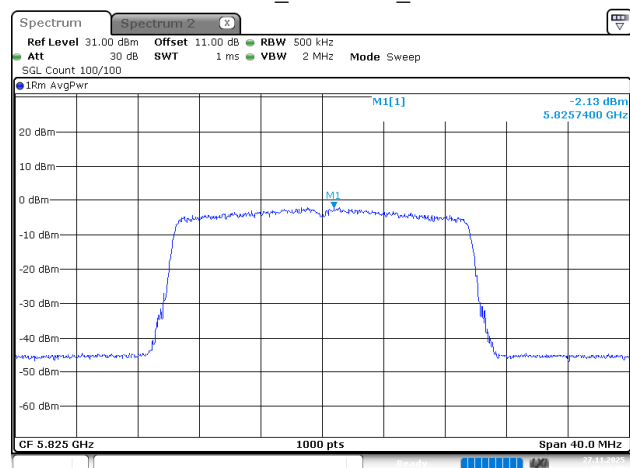
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802.11ax20_5785MHz_Chain 1



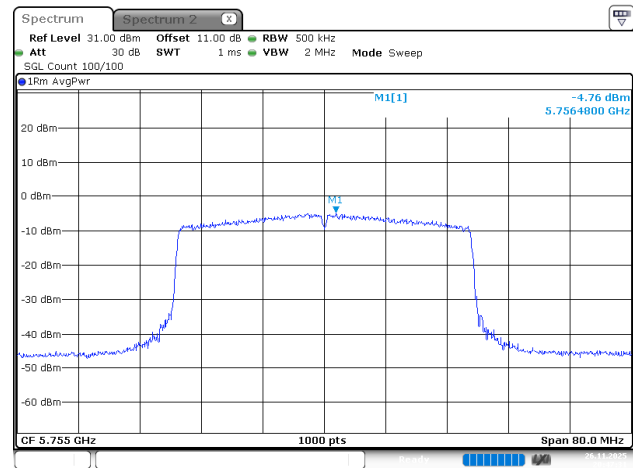
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802.11ax20_5825MHz_Chain 1



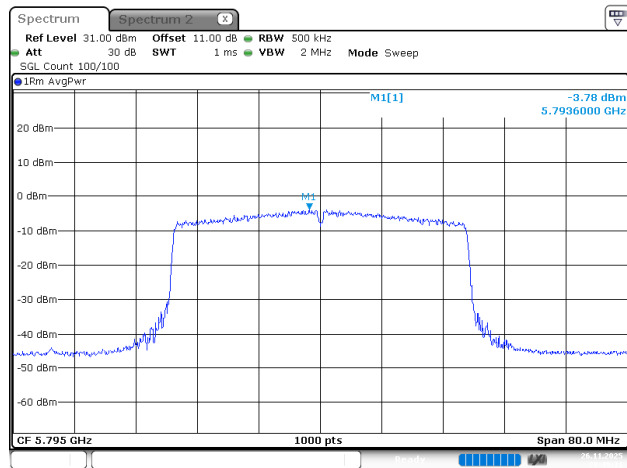
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802.11ax40_5755MHz_Chain 0



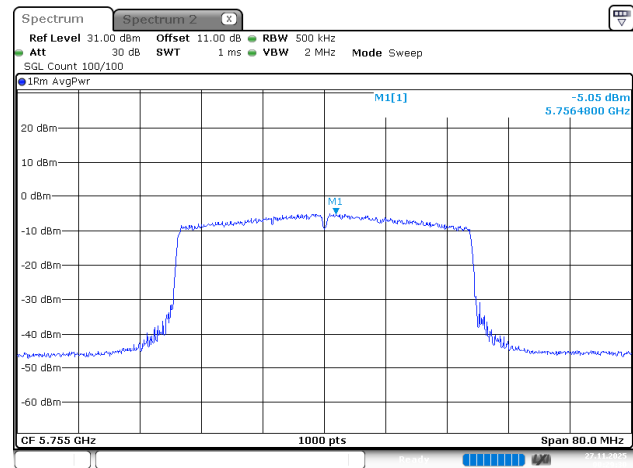
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Date: 26.NOV.2025 20:47:31

802.11ax40_5795MHz_Chain 0



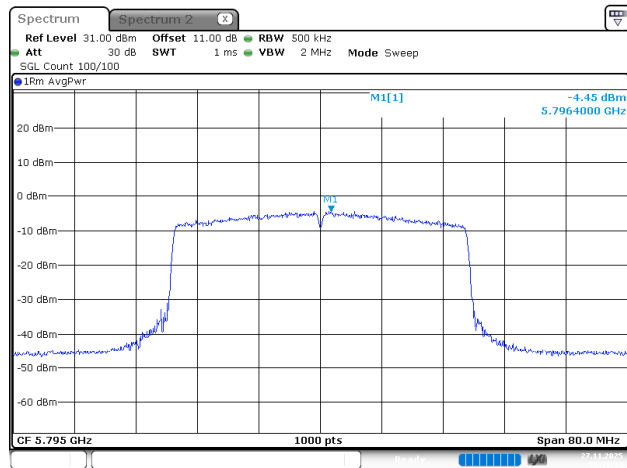
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Date: 26.NOV.2025 20:49:32

802.11ax40_5755MHz_Chain 1



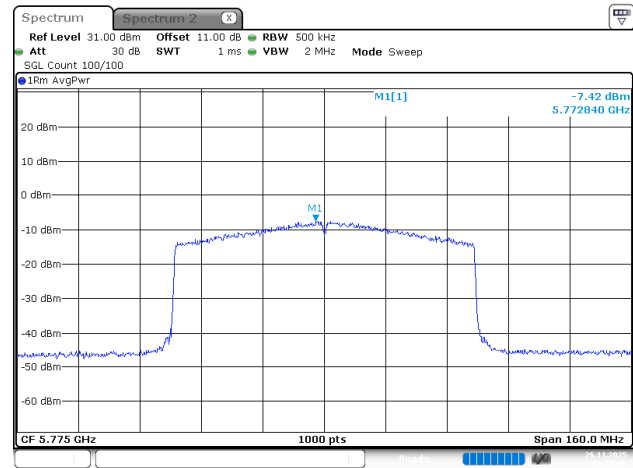
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802.11ax40_5795MHz_Chain 1



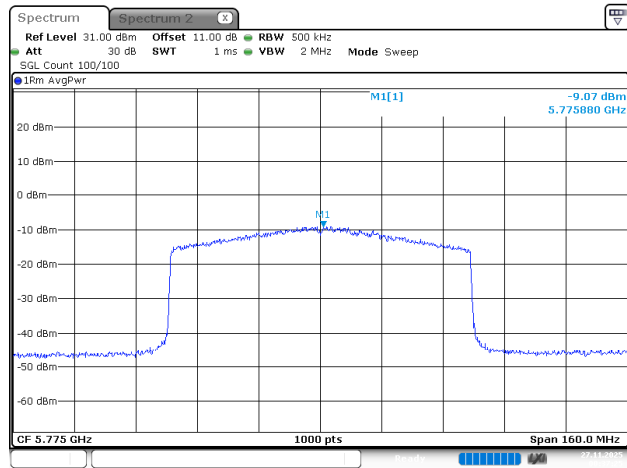
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Date: 27.NOV.2025 00:31:33

802.11ax80_5775MHz_Chain 0



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 26.NOV.2025 20:55:08

802.11ax80_5775MHz_Chain 1



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 27.NOV.2025 00:37:25

5.8 Duty Cycle

Test Information:

Serial No.:	3ACD-6	Test Date:	2025/11/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu, Cooper Zhou	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	22.2	Relative Humidity: (%)	35	ATM Pressure: (kPa)	101.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM521	2025/04/09	2026/04/08
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101589	2025/07/28	2026/07/27

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

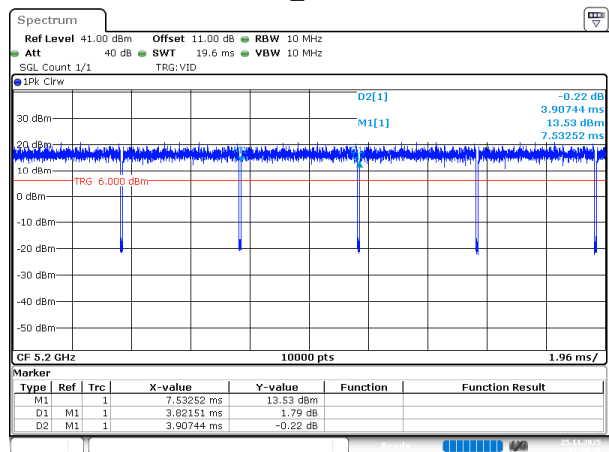
Test Data:

Note: Test only was performed at Chain 0.

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	3.822	3.907	97.82	0.10	262	0.300
802.11n20	5200	1.931	2.015	95.83	0.18	518	1
802.11n40	5190	5.694	5.781	98.50	0	/	0.010
802.11ac80	5210	1.913	1.951	98.05	0	/	0.010
802.11ax20	5200	3.823	3.909	97.80	0.10	262	0.300
802.11ax40	5190	2.589	2.648	97.77	0.10	386	0.500
802.11ax80	5210	1.247	1.278	97.57	0.11	802	1

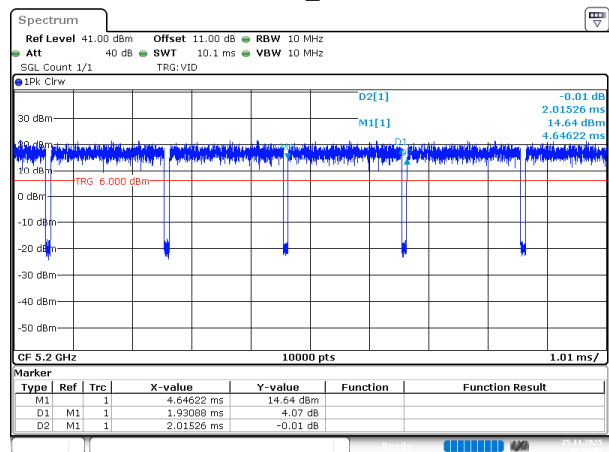
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



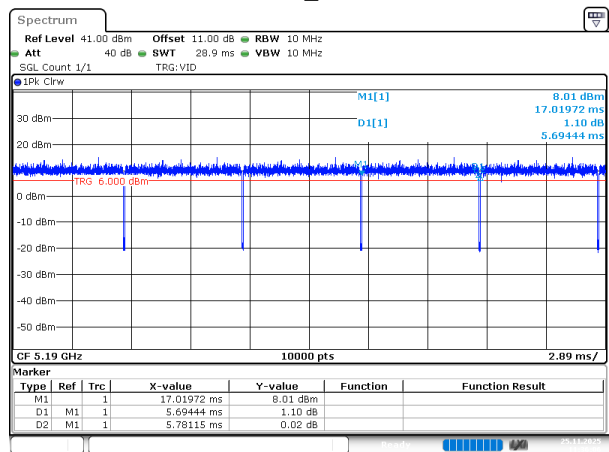
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Date: 25.NOV.2025 11:28:26

802.11n20_5200MHz



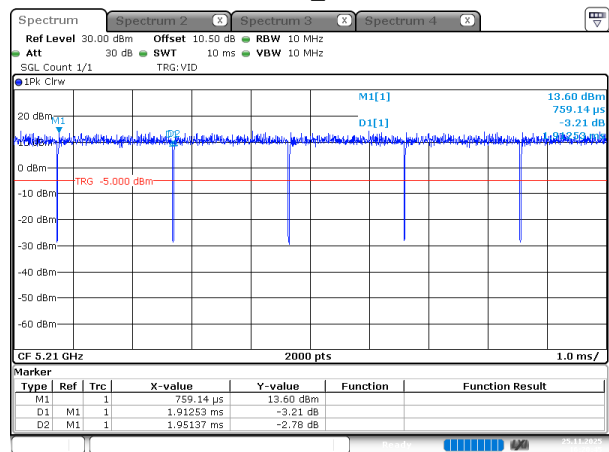
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Date: 25.NOV.2025 11:33:54

802.11n40_5190MHz



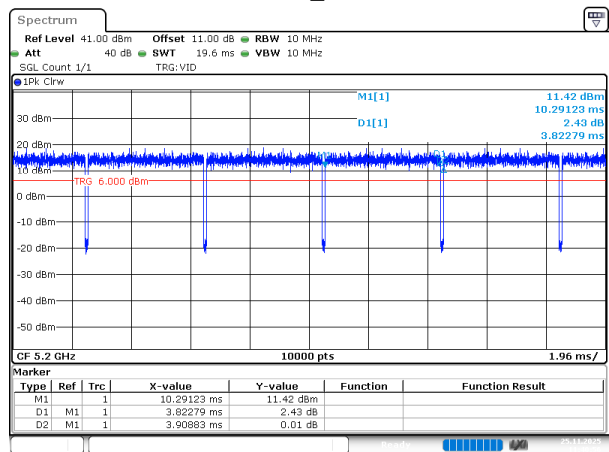
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Date: 25.NOV.2025 11:36:06

802.11ac80_5210MHz



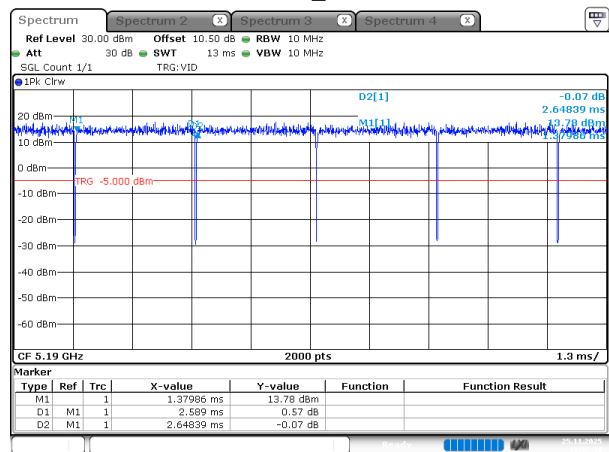
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Date: 25.NOV.2025 16:20:46

802.11ax20_5200MHz

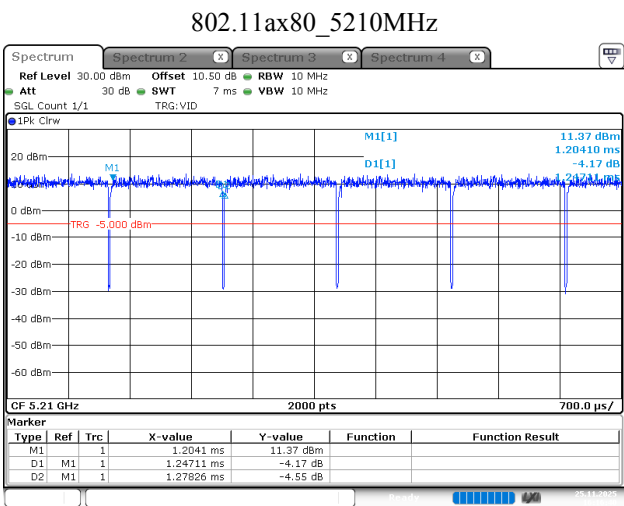


ProjectNo.:2502X02056E-RF Tester:Cooper Zhou
Date: 25.NOV.2025 11:40:56

802.11ax40_5190MHz



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 25.NOV.2025 16:12:30



ProjectNo.:2502X02056E-RF Tester:Conor Fu
Date: 25.NOV.2025 16:16:40

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502X02056E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502X02056E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502X02056E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

EXHIBIT C - RF EXPOSURE EVALUATION

Maximum Permissible Exposure (MPE)

Applicable Standard

According to subpart §1.1310,15.407(f) systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minutes)
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f ²)	30
30–300	27.5	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

Calculation formula:

Prediction of power density at the distance of the applicable MPE limit

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

Calculated Data:

Mode	Frequency (MHz)	Antenna Gain [▲]		Conducted output power including Tune-up Tolerance [▲]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
5G WiFi	5150-5250	5.12	3.25	15.0	31.62	20.00	0.020	1.0
	5725-5850	4.28	2.68	17.0	50.12	20.00	0.027	1.0

Note:

The Antenna Gain and Conducted output power including Tune-up Tolerance provided by manufacturer.

Result: The device meet FCC MPE at 20 cm distance

Exemption Limits For Routine Evaluation-RF Exposure Evaluation

Applicable Standard

RSS-102, Issue 6, Clause 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 e.i.r.p. 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 e.i.r.p. 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 e.i.r.p. 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 e.i.r.p. 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 e.i.r.p. 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 e.i.r.p. was derived.

Calculated Data:

Mode	Frequency (MHz)	Antenna Gain [▲]	Conducted output power including Tune-up Tolerance [▲]	EIRP		Exemption limits (mW)
		(dBi)	(dBm)	(dBm)	(mW)	
5G WiFi	5150-5250	5.12	15	20.12	102.80	4507
	5725-5850	4.28	17	21.28	134.28	4845

Note:

The Antenna Gain and Conducted output power including Tune-up Tolerance provided by manufacturer.

Result: So the device is compliance with the exemption from Routine Evaluation Limits –RF exposure Evaluation.

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