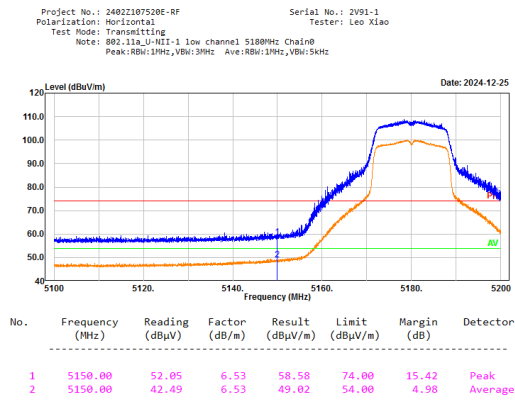
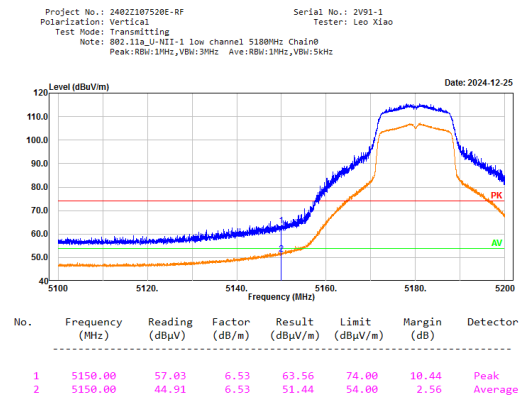
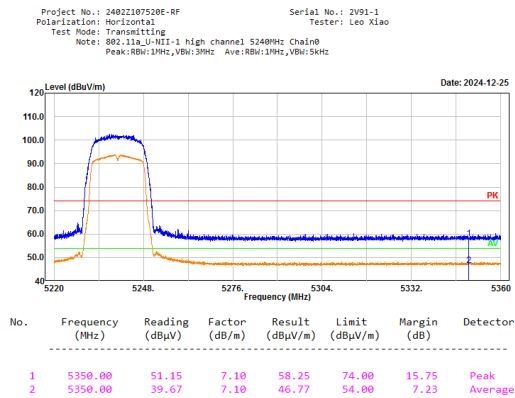
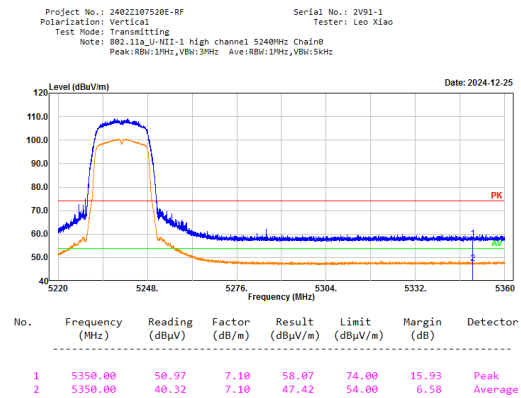
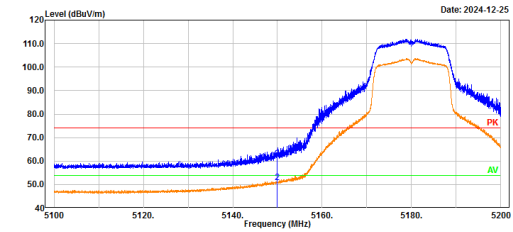


**Bandedge:
5150-5250MHz:
Chain 0:****802.11a mode, 5180MHz, Chain 0,
Horizontal****802.11a mode, 5180MHz, Chain 0, Vertical****802.11a mode, 5240MHz, Chain 0,
Horizontal****802.11a mode, 5240MHz, Chain 0, Vertical**

Chain 1:

802.11a mode, 5180MHz, Chain 1,
Horizontal

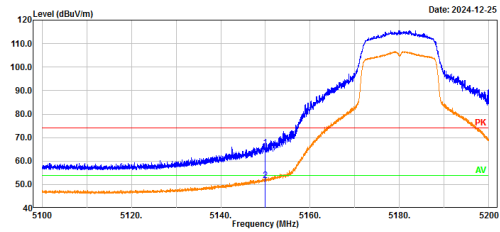
Project No.: 2402Z107520E-RF Serial No.: 2V91-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11a_U-NII-1 low channel 5180MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	54.79	6.53	61.32	74.00	12.68	Peak
2	5150.00	44.48	6.53	51.01	54.00	2.99	Average

802.11a mode, 5180MHz, Chain 1, Vertical

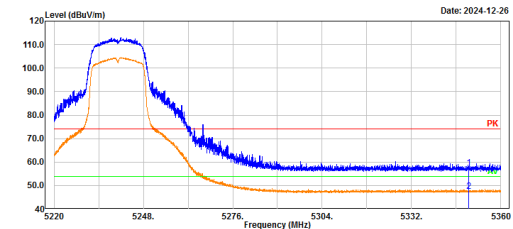
Project No.: 2402Z107520E-RF Serial No.: 2V91-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11a_U-NII-1 low channel 5180MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	59.12	6.53	65.65	74.00	8.35	Peak
2	5150.00	45.25	6.53	51.78	54.00	2.22	Average

802.11a mode, 5240MHz, Chain 1,
Horizontal

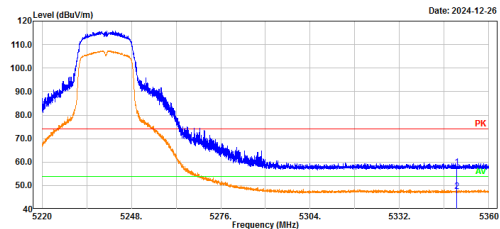
Project No.: 2402Z107520E-RF Serial No.: 2V91-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11a_U-NII-1 high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.00	50.54	7.10	57.64	74.00	16.36	Peak
2	5350.00	40.43	7.10	47.53	54.00	6.47	Average

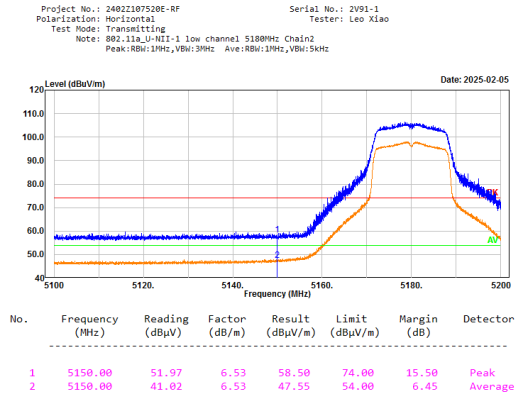
802.11a mode, 5240MHz, Chain 1, Vertical

Project No.: 2402Z107520E-RF Serial No.: 2V91-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Transmitting
Note: 802.11a_U-NII-1 high channel 5240MHz Chain1
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

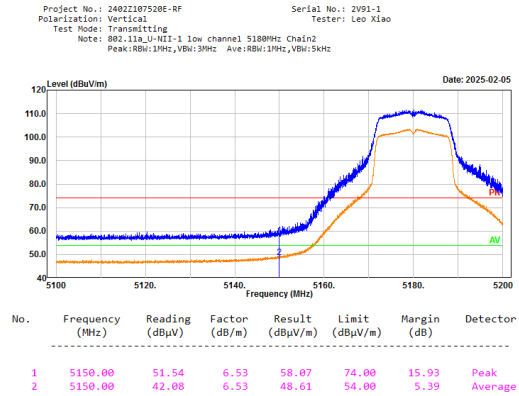
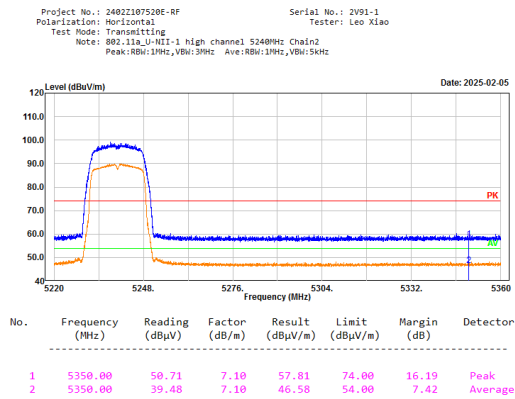


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.00	50.68	7.10	57.78	74.00	16.22	Peak
2	5350.00	40.51	7.10	47.61	54.00	6.39	Average

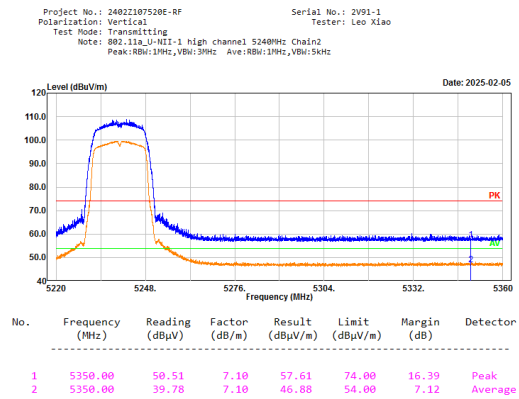
Chain 2:

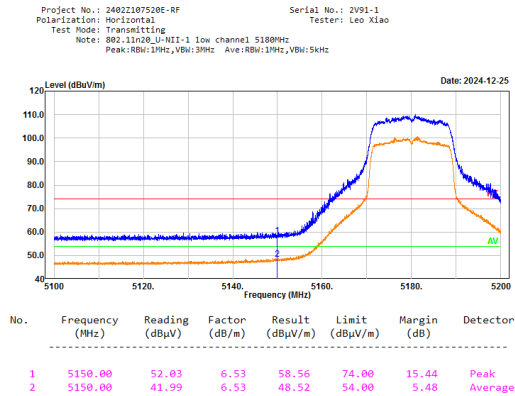
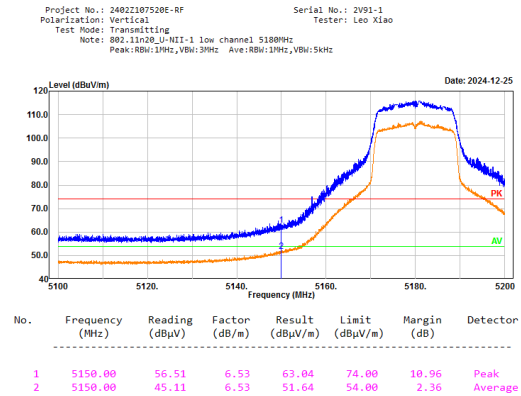
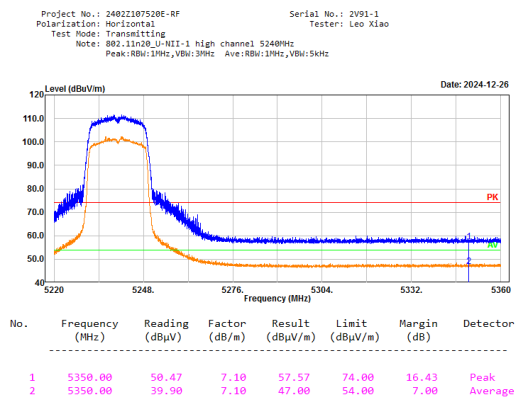
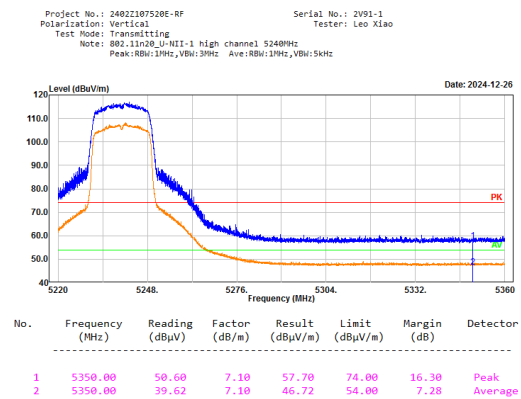
802.11a mode, 5180MHz, Chain 2,
Horizontal

802.11a mode, 5180MHz, Chain 2, Vertical

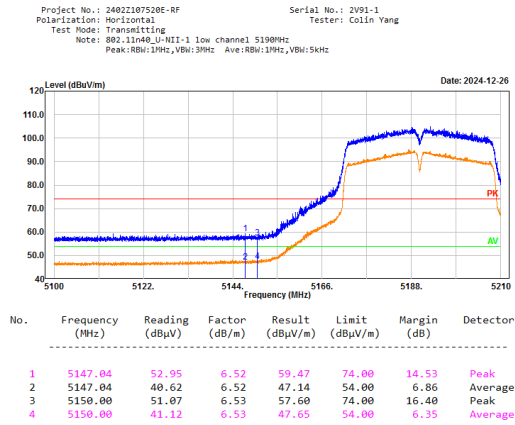
802.11a mode, 5240MHz, Chain 2,
Horizontal

802.11a mode, 5240MHz, Chain 2, Vertical

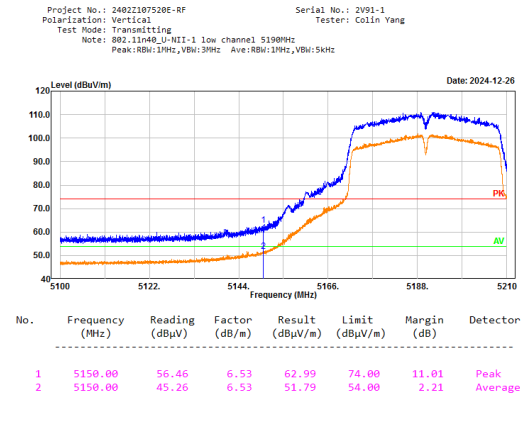


MIMO mode(Chain 0+ Chain 1) was the worst:**802.11n20 mode, 5180MHz, Horizontal****802.11n20 mode, 5180MHz, Vertical****802.11n20 mode, 5240MHz, Horizontal****802.11n20 mode, 5240MHz, Vertical**

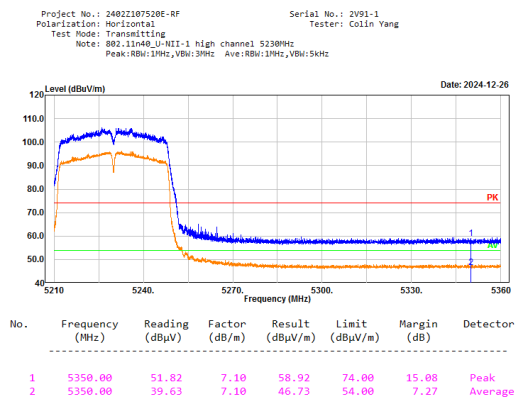
802.11n40 mode, 5190MHz, Horizontal



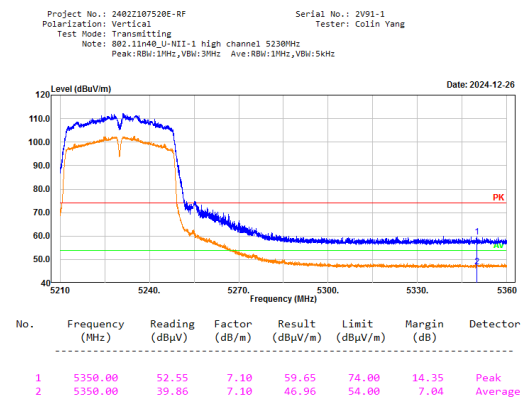
802.11n40 mode, 5190MHz, Vertical



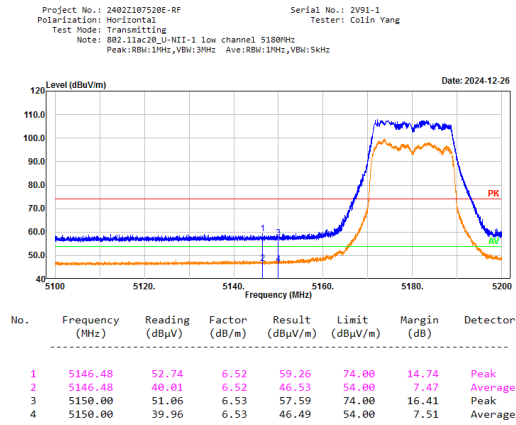
802.11n40 mode, 5230MHz, Horizontal



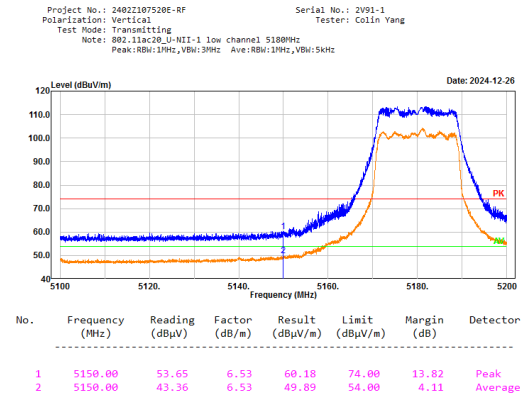
802.11n40 mode, 5230MHz, Vertical



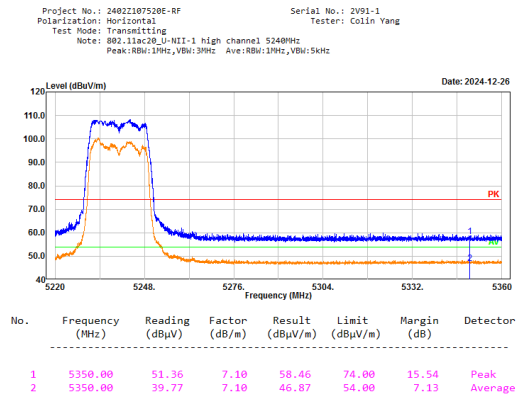
802.11 ac20 mode, 5180MHz, Horizontal



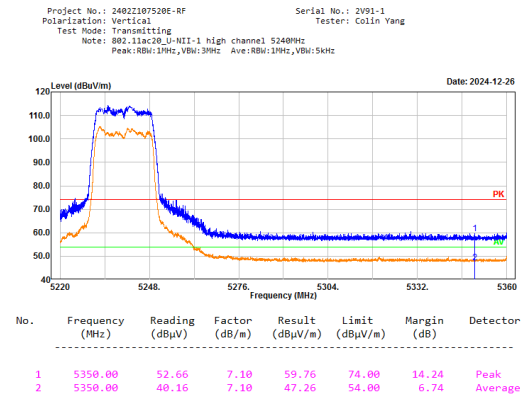
802.11 ac20 mode, 5180MHz, Vertical



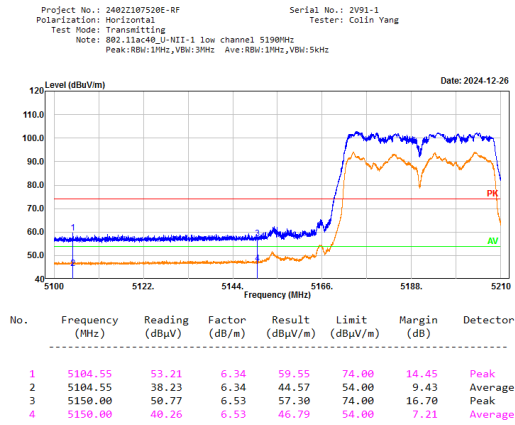
802.11 ac20 mode, 5240MHz, Horizontal



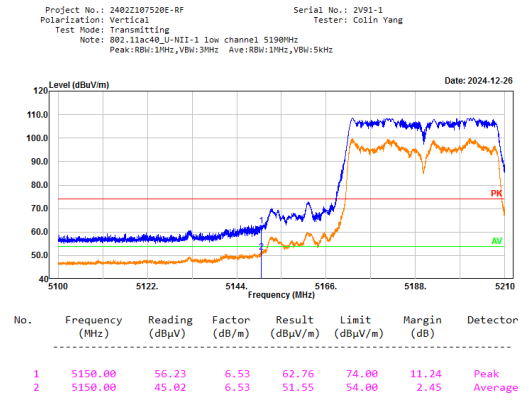
802.11 ac20 mode, 5240MHz, Vertical



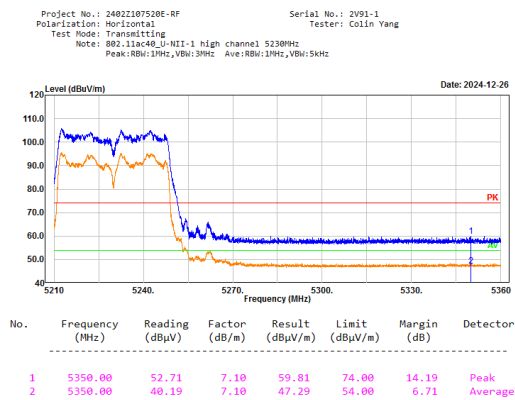
802.11 ac40 mode, 5190MHz, Horizontal



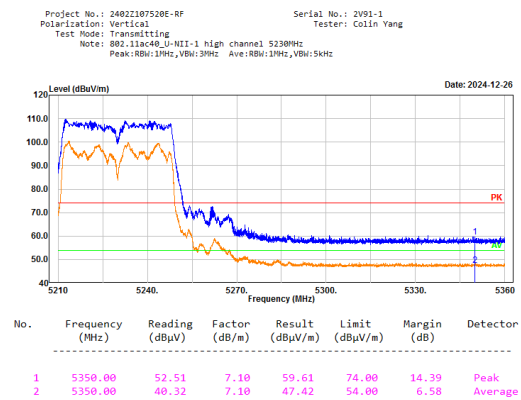
802.11 ac40 mode, 5190MHz, Vertical



802.11 ac40 mode, 5230MHz, Horizontal



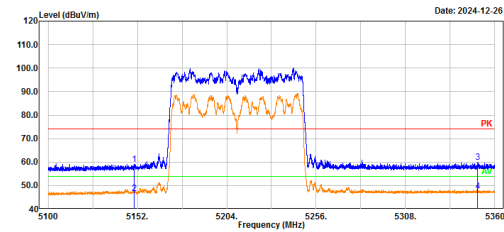
802.11 ac40 mode, 5230MHz, Vertical



802.11ac80 mode, 5210MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac80_U-NII-1 middle channel 5210MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

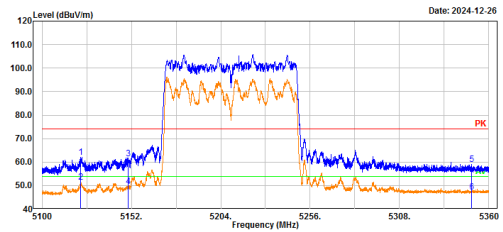


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	52.63	6.53	59.16	74.00	14.84	Peak
2	5150.00	40.15	6.53	46.68	54.00	7.32	Average
3	5350.00	52.69	7.10	59.79	74.00	14.21	Peak
4	5350.00	40.56	7.10	47.66	54.00	6.34	Average

802.11ac80 mode, 5210MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac80_U-NII-1 middle channel 5210MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

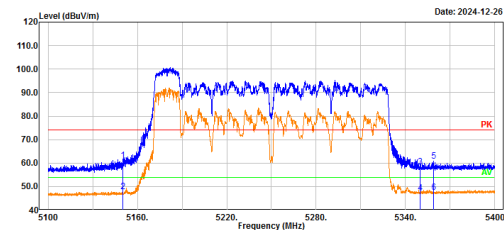


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5122.57	55.66	6.40	62.06	74.00	11.94	Peak
2	5122.57	45.16	6.40	51.56	54.00	2.44	Average
3	5150.00	54.76	6.53	61.29	74.00	12.71	Peak
4	5150.00	43.23	6.53	49.76	54.00	4.24	Average
5	5350.00	51.90	7.10	59.00	74.00	15.00	Peak
6	5350.00	40.06	7.10	47.16	54.00	6.84	Average

802.11ac160 mode, 5250MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac160_U-NII-1 middle channel 5250MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

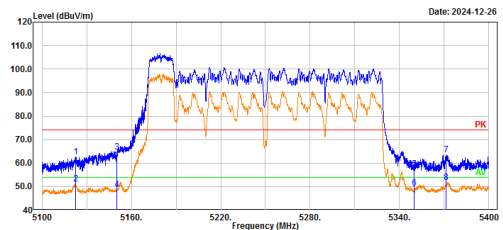


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	54.58	6.53	61.11	74.00	12.89	Peak
2	5150.00	41.33	6.53	47.86	54.00	6.14	Average
3	5350.00	51.36	7.10	58.46	74.00	15.54	Peak
4	5350.00	40.16	7.10	47.26	54.00	6.74	Average
5	5358.84	53.65	7.13	60.78	74.00	13.22	Peak
6	5358.84	40.37	7.13	47.50	54.00	6.50	Average

802.11ac160 mode, 5250MHz, Vertical

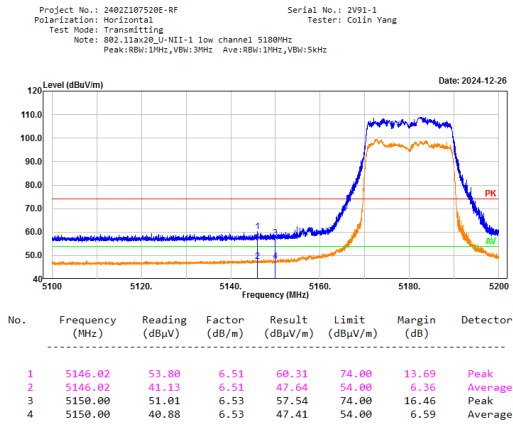
Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac160_U-NII-1 middle channel 5250MHz
Peak: RBW:1MHz, VBW:3MHz Ave:RBW:1MHz, VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

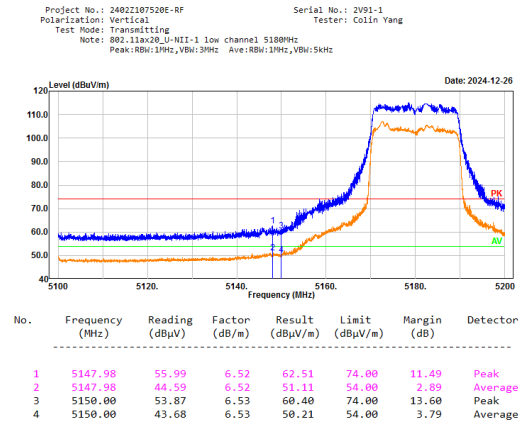


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5122.56	56.31	6.40	62.71	74.00	11.29	Peak
2	5122.56	44.87	6.40	51.27	54.00	2.73	Average
3	5150.00	58.16	6.53	64.69	74.00	9.31	Peak
4	5150.00	42.32	6.53	48.85	54.00	5.15	Average
5	5350.00	50.47	7.10	57.57	74.00	16.43	Peak
6	5350.00	42.18	7.10	49.28	54.00	4.72	Average
7	5371.26	56.31	7.19	63.50	74.00	10.50	Peak
8	5371.26	44.62	7.19	51.81	54.00	2.19	Average

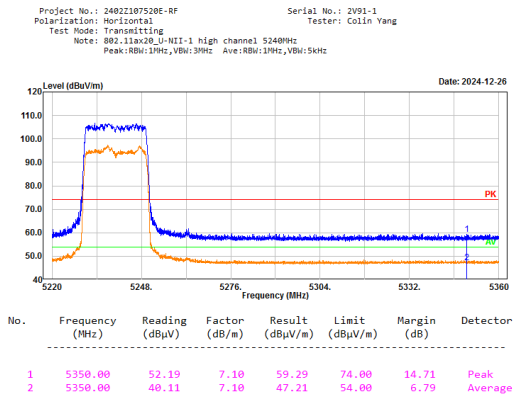
802.11ax20 mode, 5180MHz, Horizontal



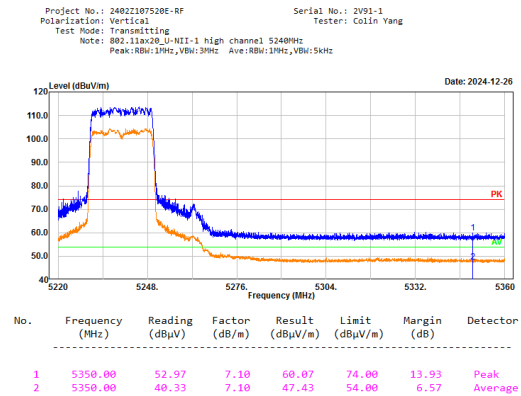
802.11ax20 mode, 5180MHz, Vertical



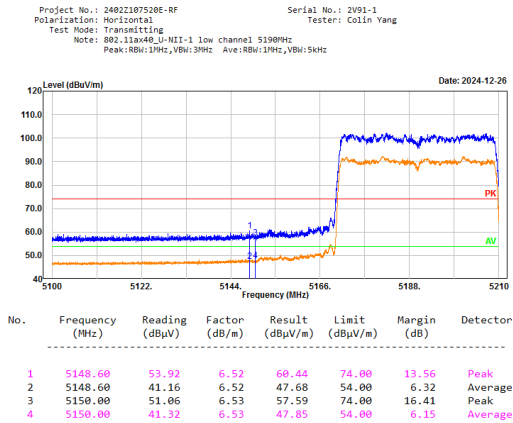
802.11ax20 mode, 5240MHz, Horizontal



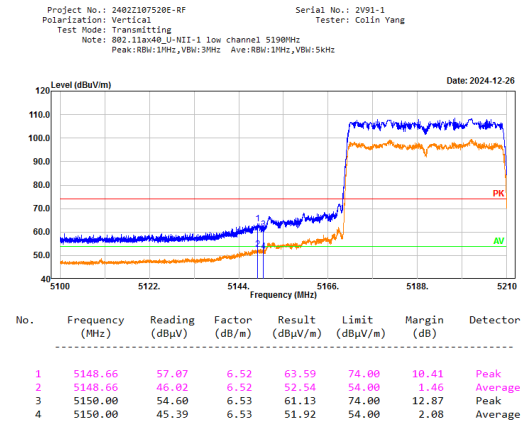
802.11ax20 mode, 5240MHz, Vertical



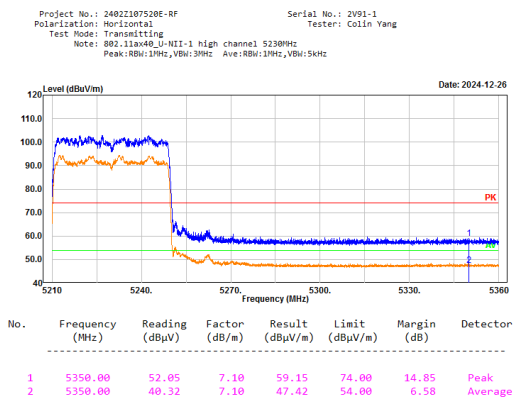
802.11ax40 mode, 5190MHz, Horizontal



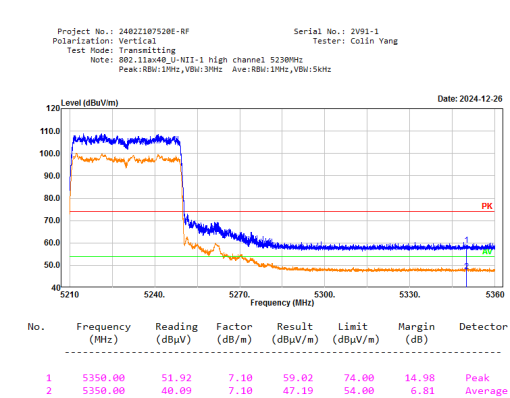
802.11ax40 mode, 5190MHz, Vertical

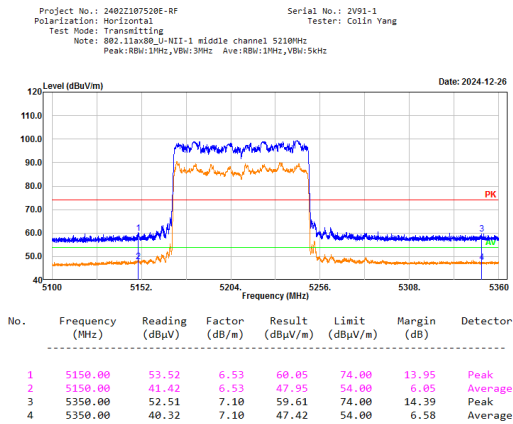
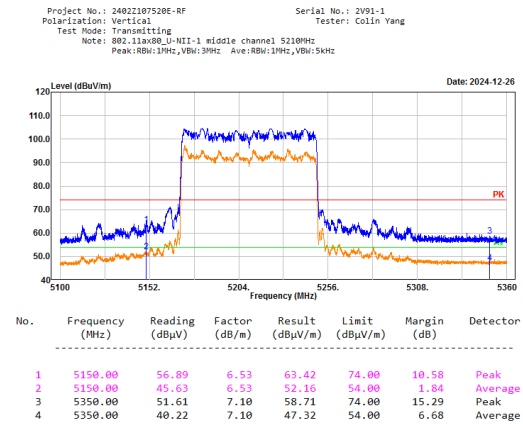
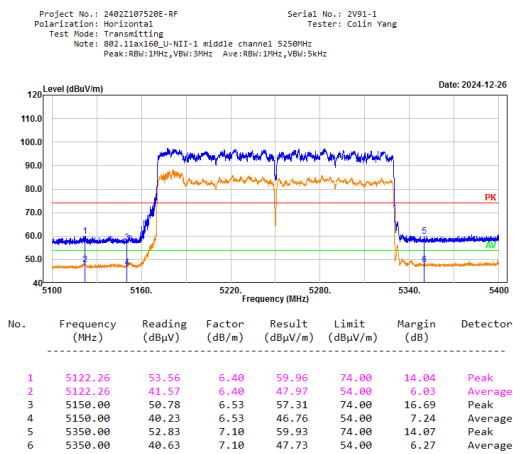
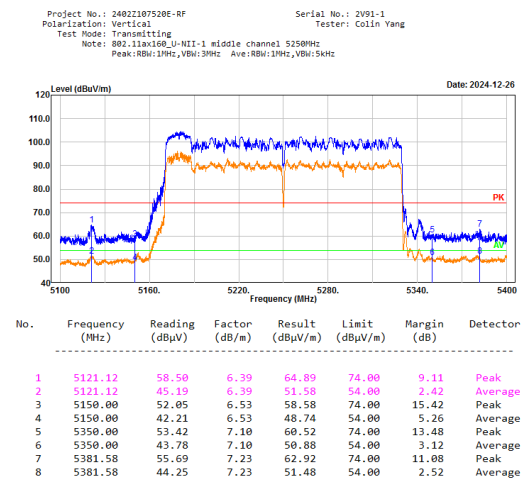


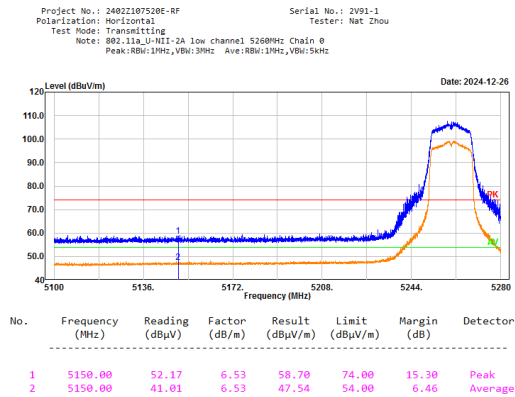
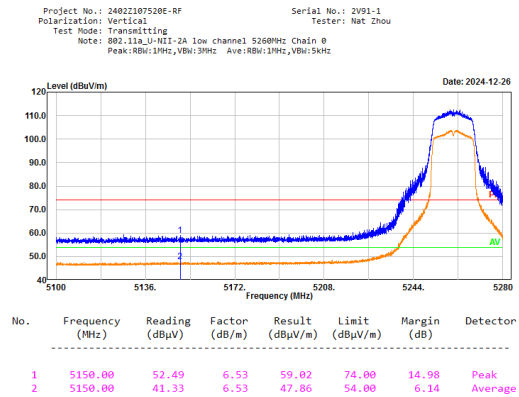
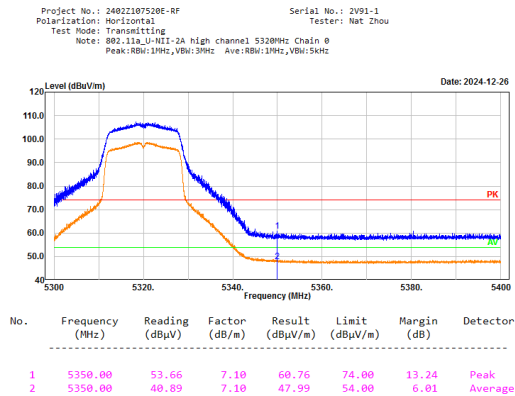
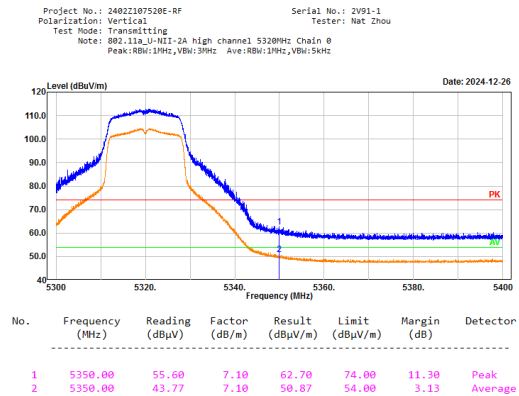
802.11ax40 mode, 5230MHz, Horizontal



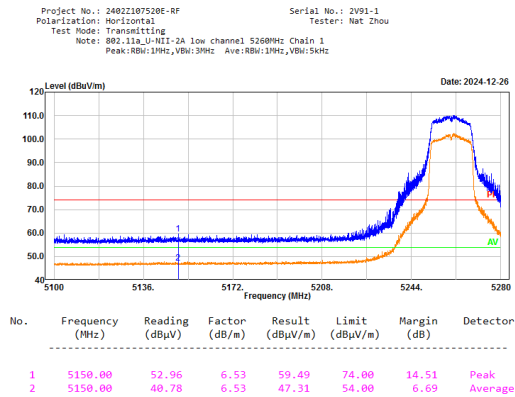
802.11ax40 mode, 5230MHz, Vertical



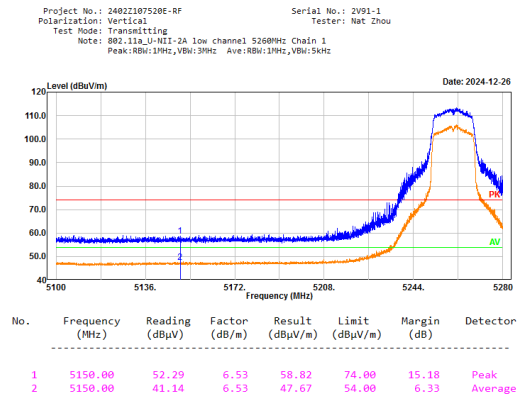
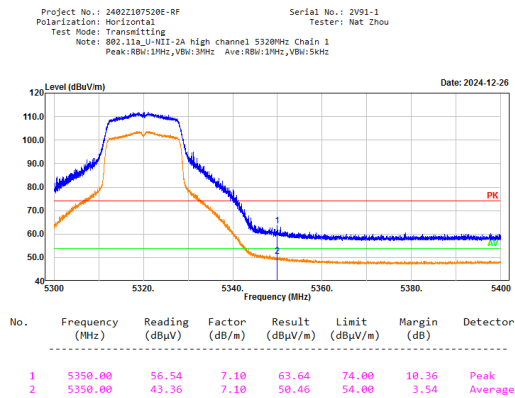
802.11ax80 mode, 5210MHz, Horizontal**802.11ax80 mode, 5210MHz, Vertical****802.11ax160 mode, 5250MHz, Horizontal****802.11ax160 mode, 5250MHz, Vertical**

5250-5350MHz:**Chain 0:****802.11a mode, 5260MHz, Chain 0,
Horizontal****802.11a mode, 5260MHz, Chain 0, Vertical****802.11a mode, 5320MHz, Chain 0,
Horizontal****802.11a mode, 5320MHz, Chain 0, Vertical**

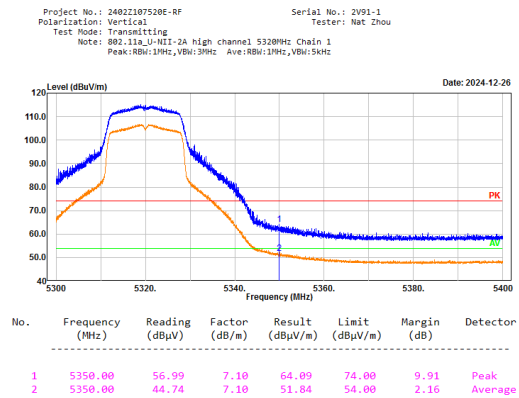
Chain 1:

802.11a mode, 5260MHz, Chain 1,
Horizontal

802.11a mode, 5260MHz, Chain 1, Vertical

802.11a mode, 5320MHz, Chain 1,
Horizontal

802.11a mode, 5320MHz, Chain 1, Vertical

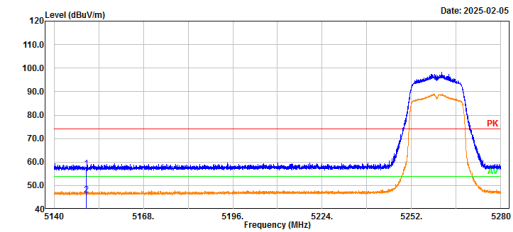


Chain 2:

802.11a mode, 5260MHz, Chain 2,
Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2A low channel 5260MHz Chain2
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Leo Xiao

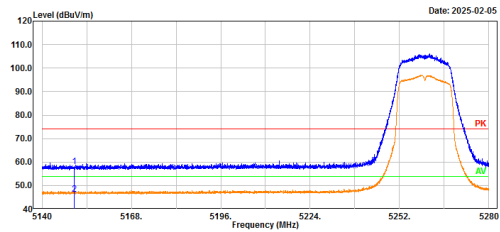


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	50.58	6.53	57.11	74.00	16.89	Peak
2	5150.00	39.47	6.53	46.00	54.00	8.00	Average

802.11a mode, 5260MHz, Chain 2, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2A low channel 5260MHz Chain2
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Leo Xiao

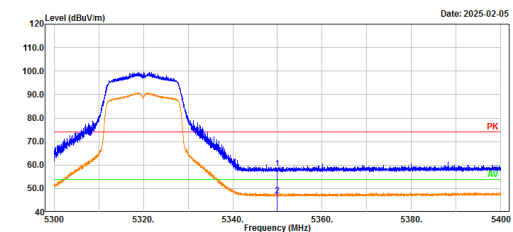


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	51.68	6.53	58.21	74.00	15.79	Peak
2	5150.00	39.74	6.53	46.27	54.00	7.73	Average

802.11a mode, 5320MHz, Chain 2,
Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11a_U-NII-2A high channel 5320MHz Chain2
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Leo Xiao

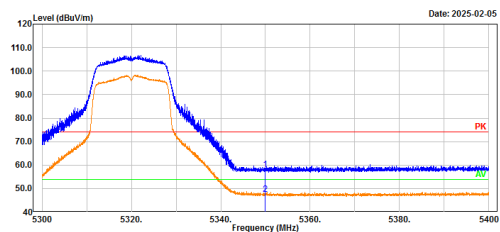


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.00	51.33	7.10	58.43	74.00	15.57	Peak
2	5350.00	39.88	7.10	46.98	54.00	7.02	Average

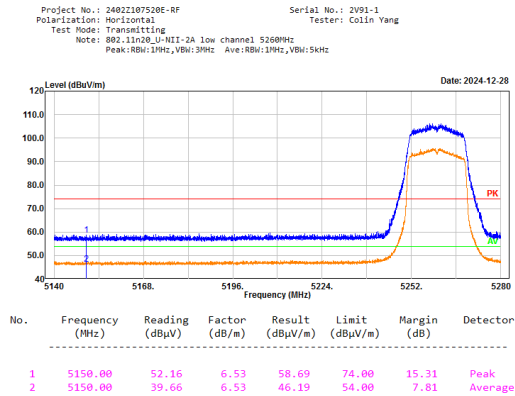
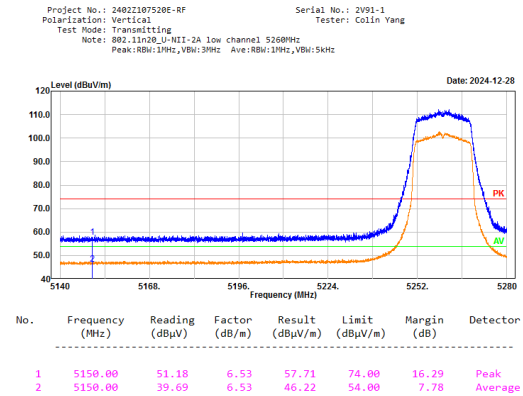
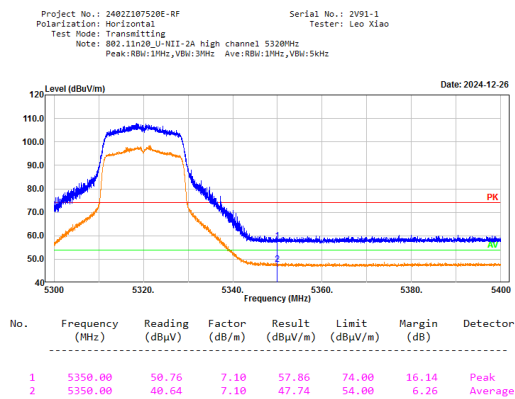
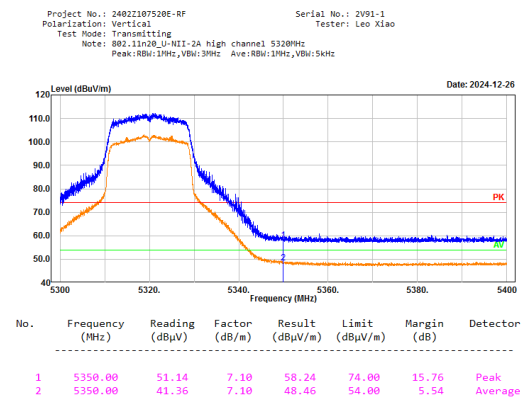
802.11a mode, 5320MHz, Chain 2, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11a_U-NII-2A high channel 5320MHz Chain2
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Leo Xiao



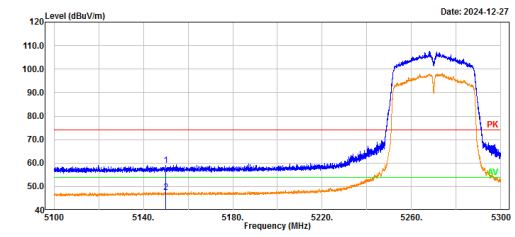
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.00	51.13	7.10	58.23	74.00	15.77	Peak
2	5350.00	40.58	7.10	47.68	54.00	6.32	Average

MIMO mode(Chain 0+ Chain 1) was the worst:**802.11n20 mode, 5260MHz, Horizontal****802.11n20 mode, 5260MHz, Vertical****802.11n20 mode, 5320MHz,Horizontal****802.11n20 mode, 5320MHz, Vertical**

802.11n40 mode, 5270MHz,Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-2A low channel 5270MHz
Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Nat Zhou

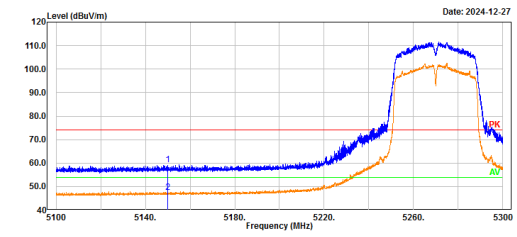


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	52.40	6.53	58.93	74.00	15.07	Peak
2	5150.00	41.03	6.53	47.56	54.00	6.44	Average

802.11n40 mode, 5270MHz,Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-2A low channel 5270MHz
Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Nat Zhou

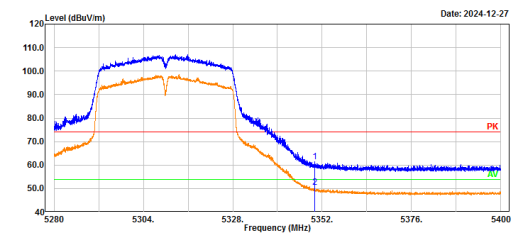


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	52.83	6.53	59.36	74.00	14.64	Peak
2	5150.00	41.01	6.53	47.54	54.00	6.46	Average

802.11n40 mode, 5310MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-2A high channel 5310MHz
Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Nat Zhou

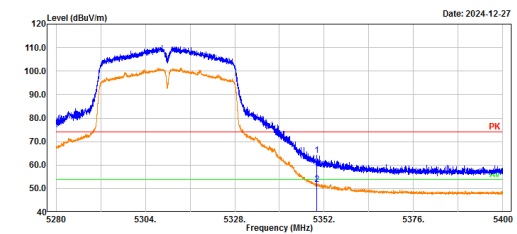


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.00	54.23	7.10	61.33	74.00	12.67	Peak
2	5350.00	43.40	7.10	50.50	54.00	3.50	Average

802.11n40 mode, 5310MHz, Vertical

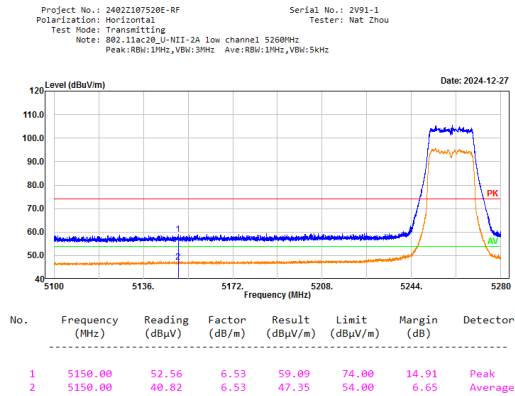
Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-2A high channel 5310MHz
Peak:RBW:1MHz,VBW:30Hz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Nat Zhou

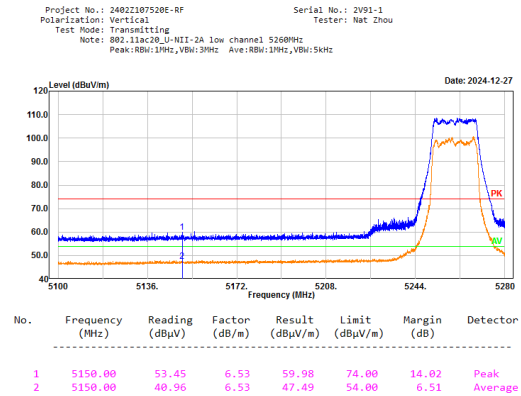


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.00	57.05	7.10	64.15	74.00	9.85	Peak
2	5350.00	44.78	7.10	51.88	54.00	2.12	Average

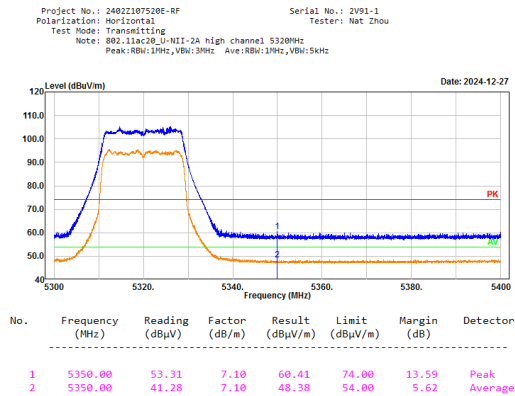
802.11ac20 mode, 5260MHz, Horizontal



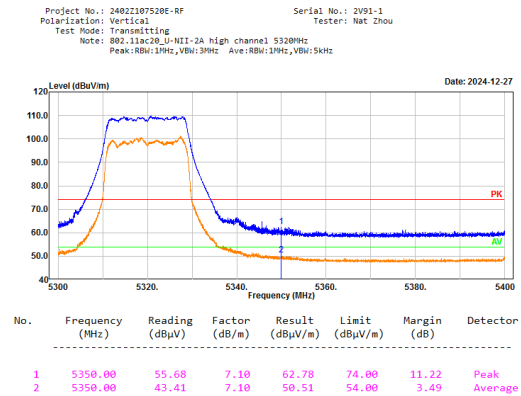
802.11ac20 mode, 5260MHz, Vertical



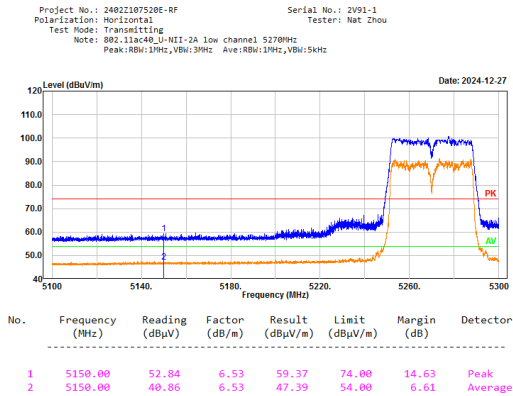
802.11ac20 mode, 5320MHz,Horizontal



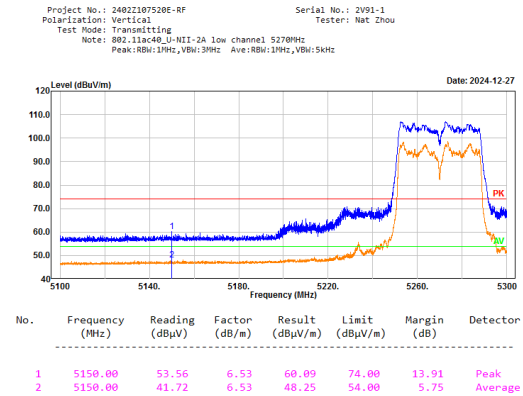
802.11ac20 mode, 5320MHz, Vertical



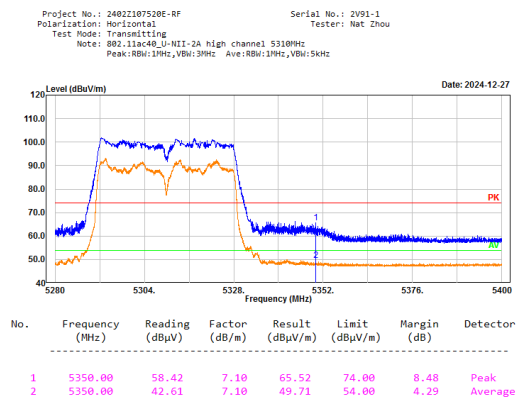
802.11 ac40 mode, 5270MHz, Horizontal



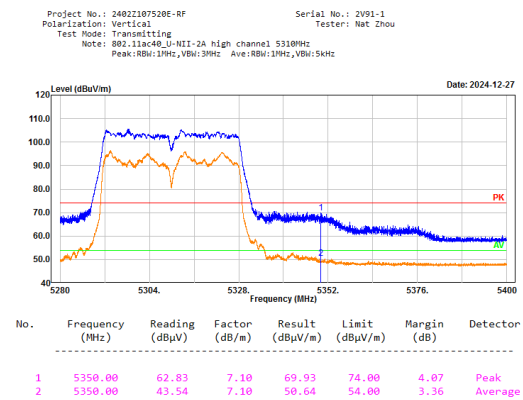
802.11 ac40 mode, 5270MHz, Vertical



802.11 ac40 mode, 5310MHz, Horizontal



802.11 ac40 mode, 5310MHz, Vertical

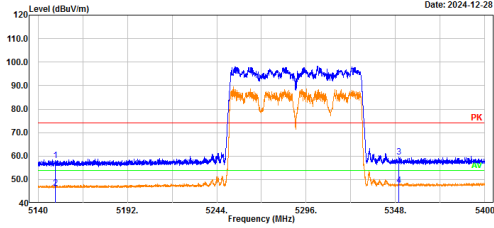


802.11ac80 mode, 5290MHz,Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac80_U-NII-2A middle channel 5290MHz
Peak: RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-28



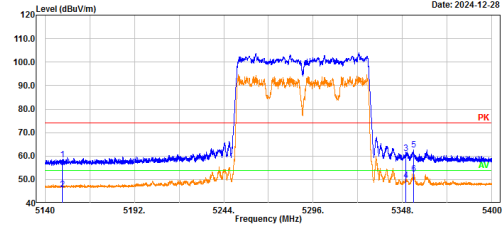
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	51.45	6.53	57.98	74.00	16.02	Peak
2	5150.00	39.67	6.53	46.20	54.00	7.80	Average
3	5350.00	52.50	7.10	59.60	74.00	14.40	Peak
4	5350.00	40.52	7.10	47.62	54.00	6.38	Average

802.11ac80 mode, 5290MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac80_U-NII-2A middle channel 5290MHz
Peak: RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

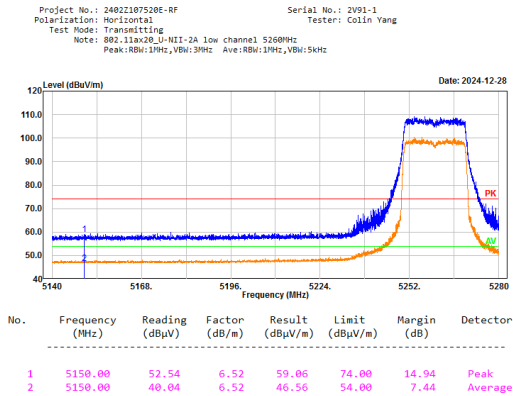
Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-28

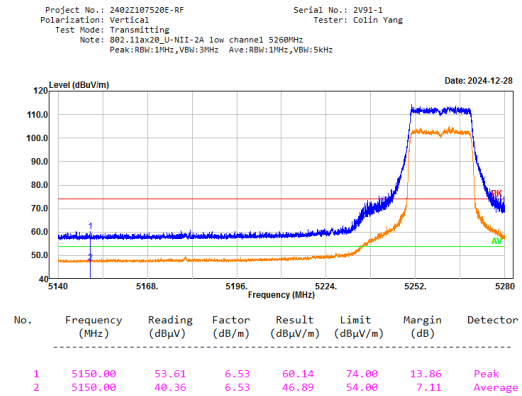


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	51.80	6.53	58.33	74.00	15.67	Peak
2	5150.00	39.13	6.53	45.66	54.00	8.34	Average
3	5350.00	54.07	7.10	61.17	74.00	12.83	Peak
4	5350.00	42.69	7.10	49.79	54.00	4.21	Average
5	5354.34	55.55	7.12	62.67	74.00	11.33	Peak
6	5354.34	45.36	7.12	52.48	54.00	1.52	Average

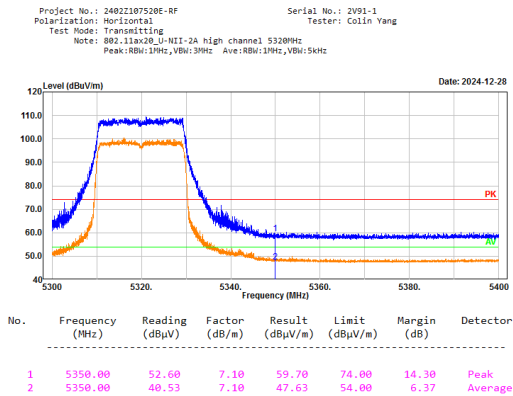
802.11ax20 mode, 5260MHz, Horizontal



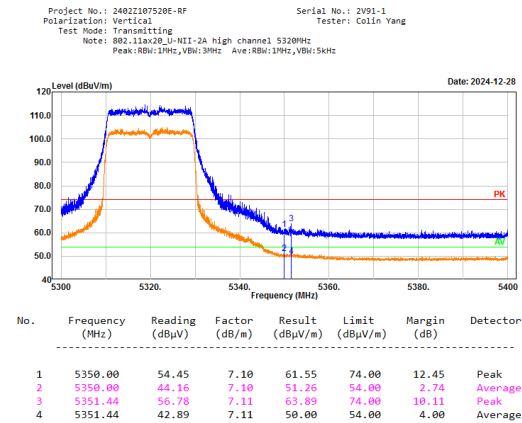
802.11ax20 mode, 5260MHz, Vertical



802.11ax20 mode, 5320MHz,Horizontal



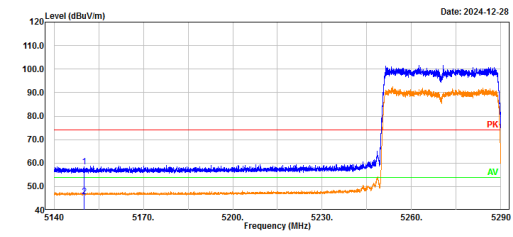
802.11ax20 mode, 5320MHz, Vertical



802.11ax40 mode, 5270MHz,Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII-2A low channel 5270MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

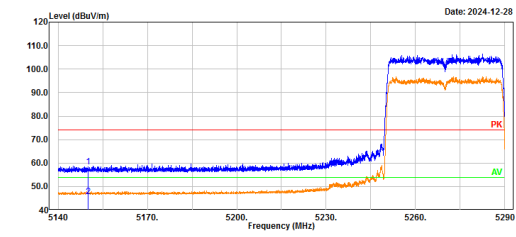


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	51.83	6.53	58.36	74.00	15.64	Peak
2	5150.00	39.06	6.53	45.59	54.00	8.41	Average

802.11ax40 mode, 5270MHz,Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII-2A low channel 5270MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

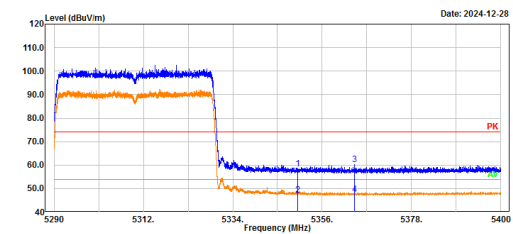


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	51.82	6.53	58.35	74.00	15.65	Peak
2	5150.00	39.08	6.53	45.61	54.00	8.39	Average

802.11ax40 mode, 5310MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII-2A high channel 5310MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

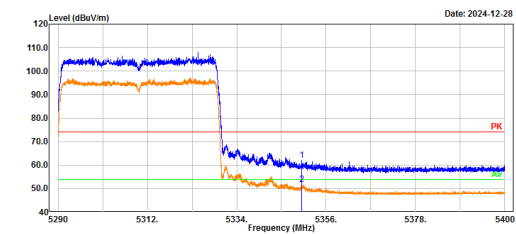


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.00	51.26	7.10	58.36	74.00	15.64	Peak
2	5350.00	40.22	7.10	47.32	54.00	6.68	Average
3	5363.96	53.01	7.16	60.17	74.00	13.83	Peak
4	5363.96	40.36	7.16	47.52	54.00	6.48	Average

802.11ax40 mode, 5310MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII-2A high channel 5310MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

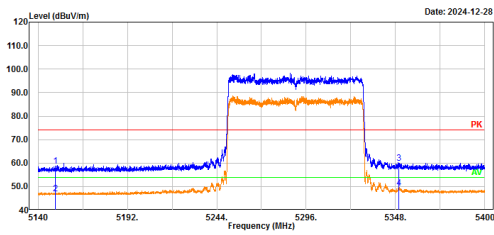


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.00	54.91	7.10	62.01	74.00	11.99	Peak
2	5350.00	44.67	7.10	51.77	54.00	2.23	Average

802.11ax80 mode, 5290MHz,Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII-2A middle channel 5290MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

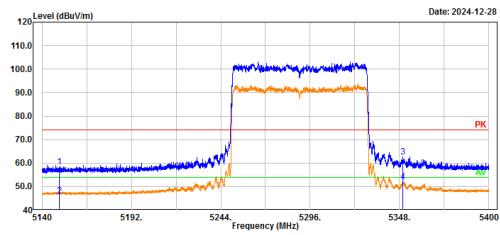


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	52.21	6.53	58.74	74.00	15.26	Peak
2	5150.00	40.36	6.53	46.89	54.00	7.11	Average
3	5350.00	52.70	7.10	59.80	74.00	14.20	Peak
4	5350.00	42.29	7.10	49.39	54.00	4.61	Average

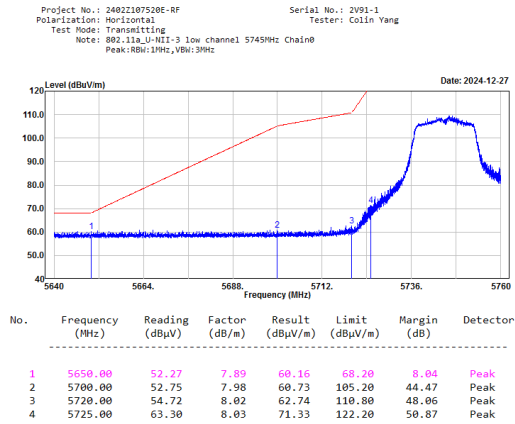
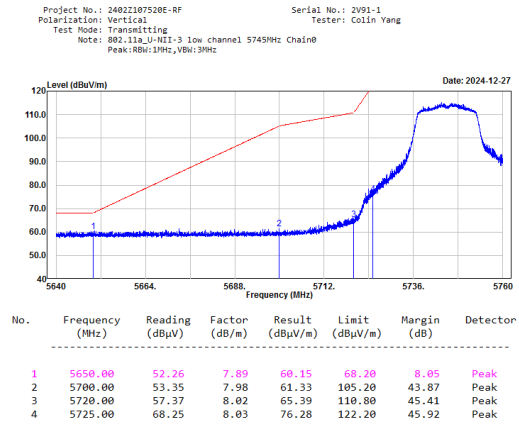
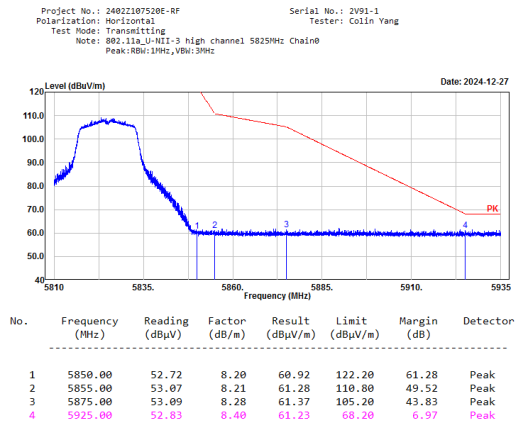
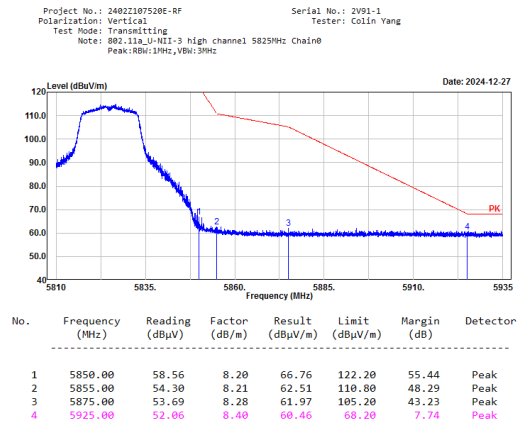
802.11ax80 mode, 5290MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII-2A middle channel 5290MHz
Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Serial No.: 2V91-1
Tester: Colin Yang

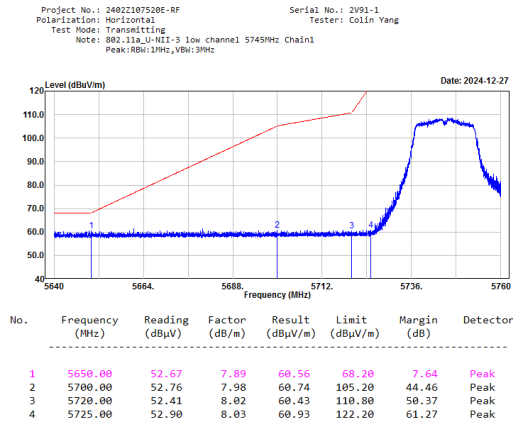


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.00	51.98	6.53	58.51	74.00	15.49	Peak
2	5150.00	39.63	6.53	46.16	54.00	7.84	Average
3	5350.00	55.54	7.10	62.64	74.00	11.36	Peak
4	5350.00	45.03	7.10	52.13	54.00	1.87	Average

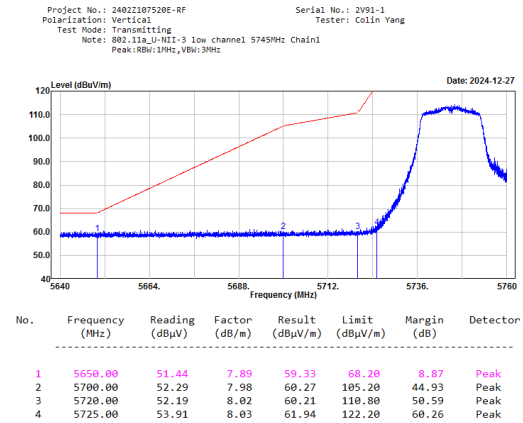
5725-5850MHz:**Chain 0:****802.11a mode, 5745MHz, Chain 0,
Horizontal****802.11a mode, 5745MHz, Chain 0, Vertical****802.11a mode, 5825MHz, Chain 0,
Horizontal****802.11a mode, 5825MHz, Chain 0, Vertical**

Chain 1:

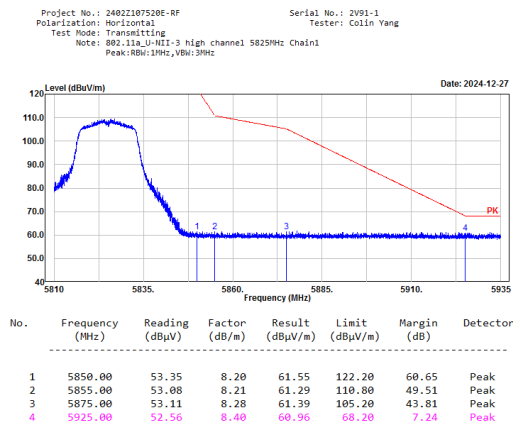
802.11a mode, 5745MHz, Chain 1, Horizontal



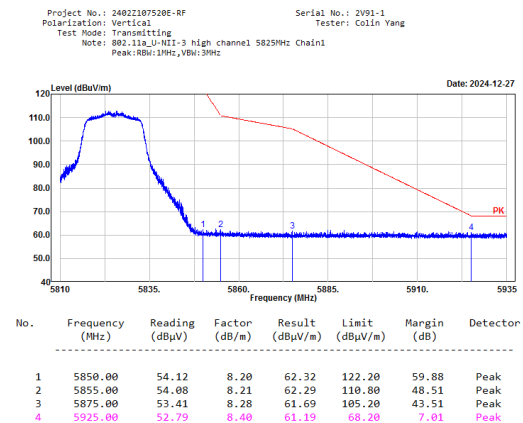
802.11a mode, 5745MHz, Chain 1, Vertical



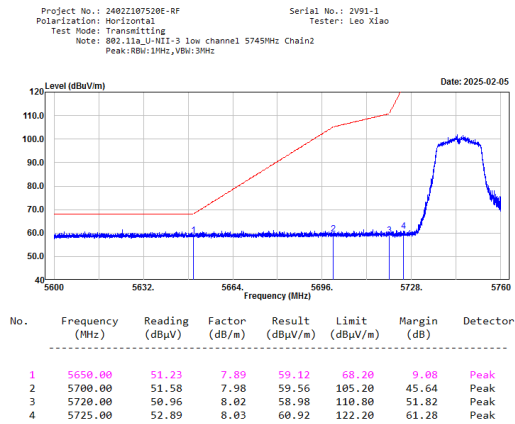
802.11a mode, 5825MHz, Chain 1, Horizontal



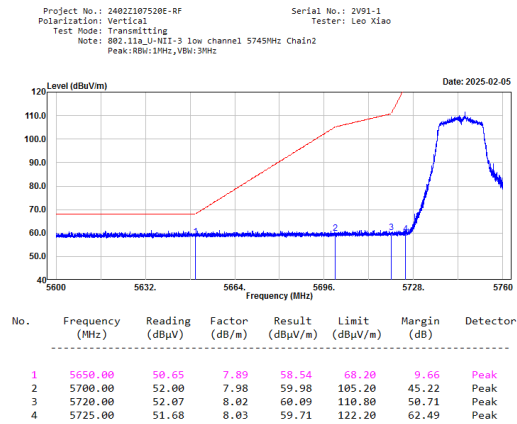
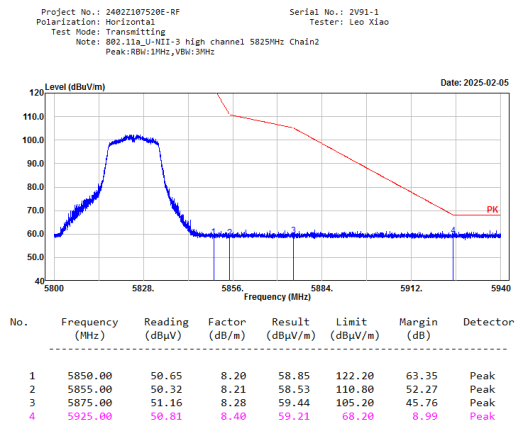
802.11a mode, 5825MHz, Chain 1, Vertical



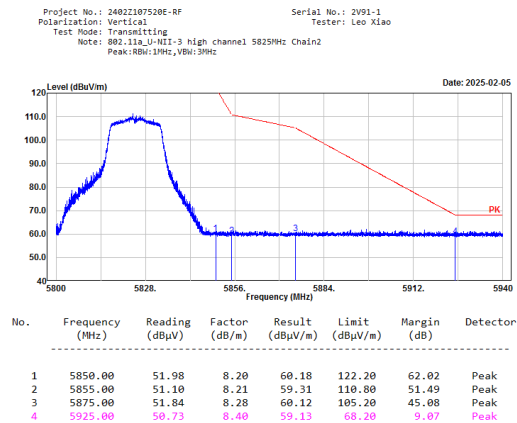
Chain 2:

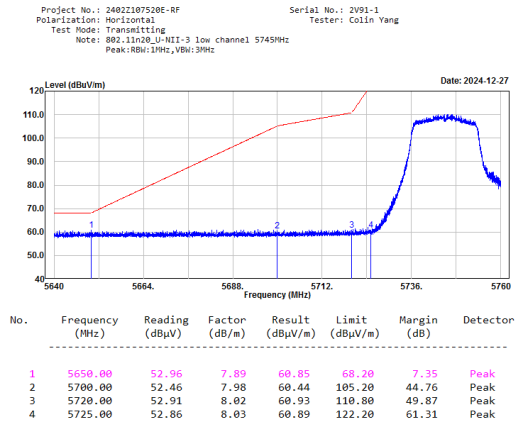
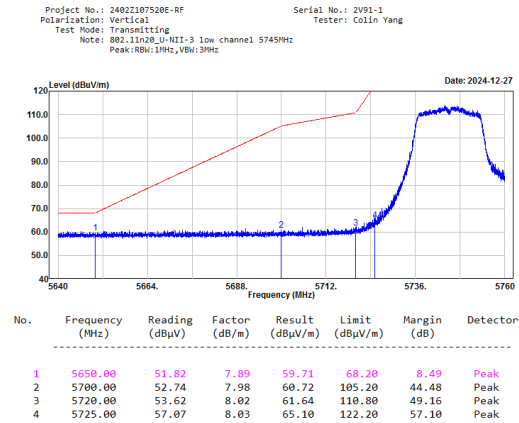
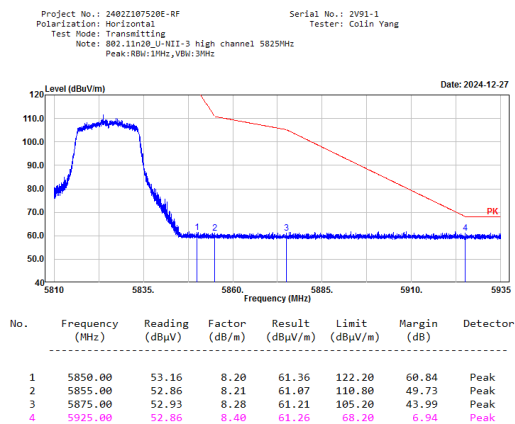
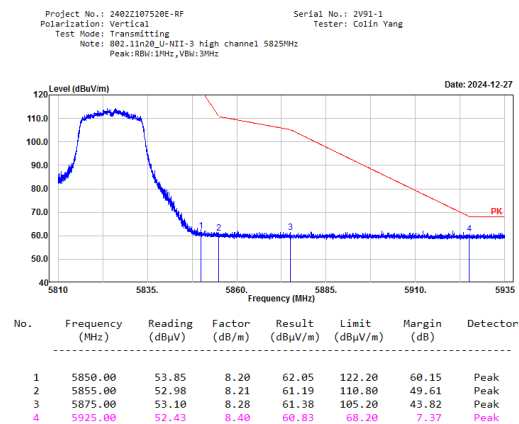
802.11a mode, 5745MHz, Chain 2,
Horizontal

802.11a mode, 5745MHz, Chain 2, Vertical

802.11a mode, 5825MHz, Chain 2,
Horizontal

802.11a mode, 5825MHz, Chain 2, Vertical



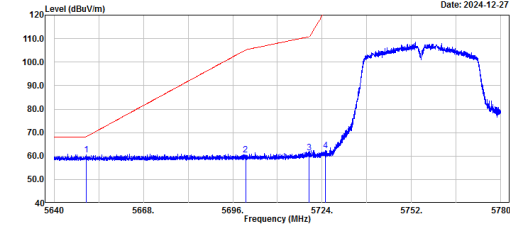
MIMO mode(Chain 0+ Chain 1) was the worst:**802.11n20 mode, 5745MHz, Horizontal****802.11n20 mode, 5745MHz, Vertical****802.11n20 mode, 5825MHz,Horizontal****802.11n20 mode, 5825MHz, Vertical**

802.11n40 mode, 5755MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-3 low channel 5755MHz
Peak:RBW:3MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



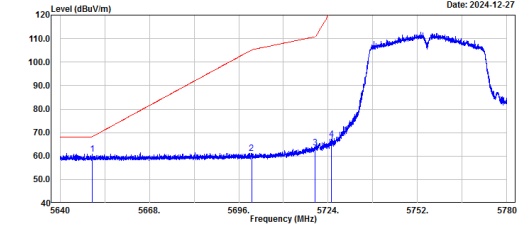
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	52.51	7.89	60.40	68.20	7.80	Peak
2	5700.00	52.69	7.98	60.67	105.20	44.53	Peak
3	5720.00	53.54	8.02	61.56	110.80	49.24	Peak
4	5725.00	54.39	8.03	62.42	122.20	59.78	Peak

802.11n40 mode, 5755MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-3 low channel 5755MHz
Peak:RBW:3MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



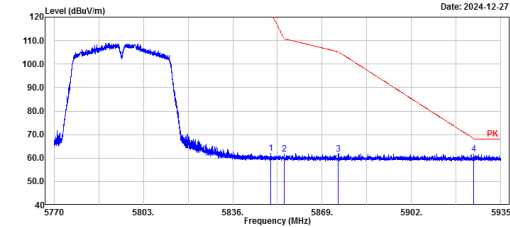
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	52.93	7.89	60.82	68.20	7.38	Peak
2	5700.00	53.28	7.98	61.26	105.20	43.94	Peak
3	5720.00	55.58	8.02	63.60	110.80	47.20	Peak
4	5725.00	59.21	8.03	67.24	122.20	54.96	Peak

802.11n40 mode, 5795MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11n40_U-NII-3 high channel 5795MHz
Peak:RBW:3MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



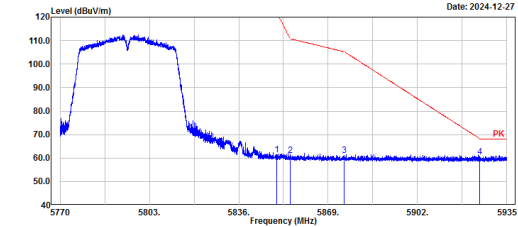
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5850.00	53.81	8.20	62.01	122.20	60.19	Peak
2	5855.00	53.52	8.21	61.73	110.80	49.07	Peak
3	5875.00	53.40	8.28	61.68	105.20	43.52	Peak
4	5925.00	53.31	8.40	61.71	68.20	6.49	Peak

802.11n40 mode, 5795MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11n40_U-NII-3 high channel 5795MHz
Peak:RBW:3MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27

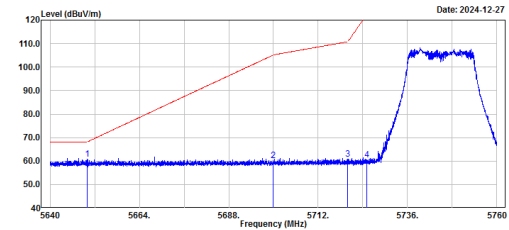


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5850.00	53.26	8.20	61.46	122.20	60.74	Peak
2	5855.00	53.00	8.21	61.21	110.80	49.59	Peak
3	5875.00	52.99	8.28	61.27	105.20	43.93	Peak
4	5925.00	52.20	8.40	60.60	68.20	7.60	Peak

802.11ac20 mode, 5745MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac20 U-NII-3 low channel 5745MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

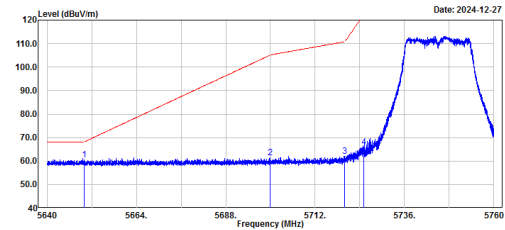


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	52.93	7.89	60.82	68.20	7.38	Peak
2	5700.00	52.11	7.98	60.09	105.20	45.11	Peak
3	5720.00	52.71	8.02	60.73	110.80	50.07	Peak
4	5725.00	52.37	8.03	60.40	122.20	61.80	Peak

802.11ac20 mode, 5745MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac20 U-NII-3 low channel 5745MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

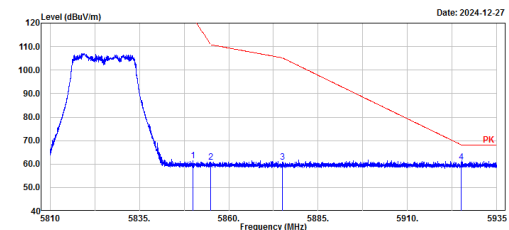


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	52.78	7.89	60.67	68.20	7.53	Peak
2	5700.00	53.42	7.98	61.40	105.20	43.80	Peak
3	5720.00	54.05	8.02	62.07	110.80	48.73	Peak
4	5725.00	58.01	8.03	66.04	122.20	56.16	Peak

802.11ac20 mode, 5825MHz,Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac20 U-NII-3 high channel 5825MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

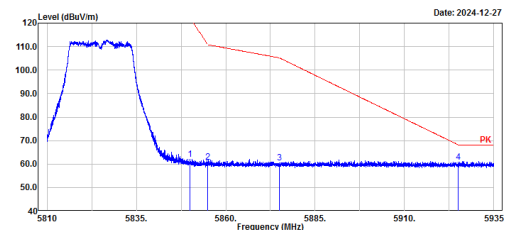


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5850.00	53.13	8.20	61.33	122.20	60.87	Peak
2	5855.00	52.49	8.21	60.70	110.80	50.10	Peak
3	5875.00	52.40	8.28	60.68	105.20	44.52	Peak
4	5925.00	52.44	8.40	60.84	68.20	7.36	Peak

802.11ac20 mode, 5825MHz, Vertical

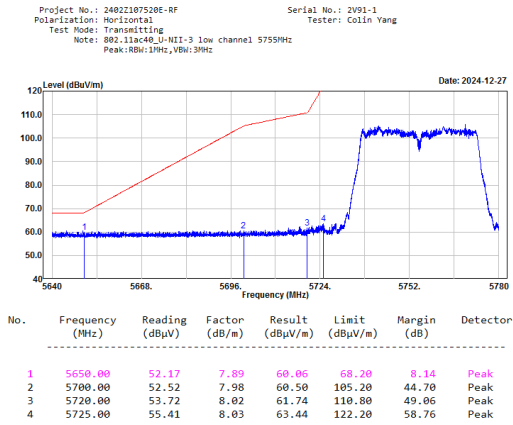
Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac20 U-NII-3 high channel 5825MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

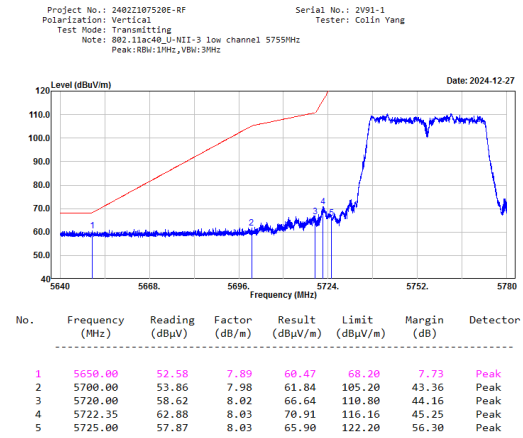


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5850.00	53.78	8.20	61.98	122.20	60.22	Peak
2	5855.00	52.76	8.21	60.97	110.80	49.83	Peak
3	5875.00	52.38	8.28	60.66	105.20	44.54	Peak
4	5925.00	52.50	8.40	60.90	68.20	7.30	Peak

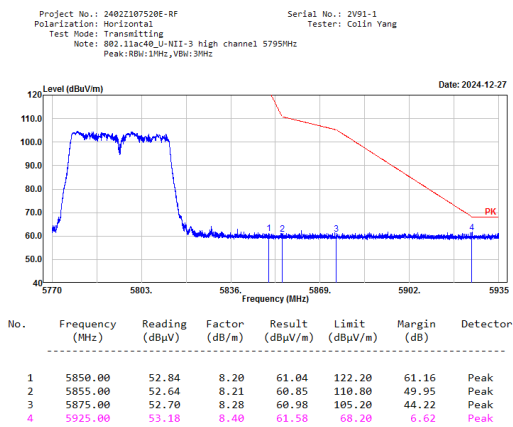
802.11ac40 mode, 5755MHz, Horizontal



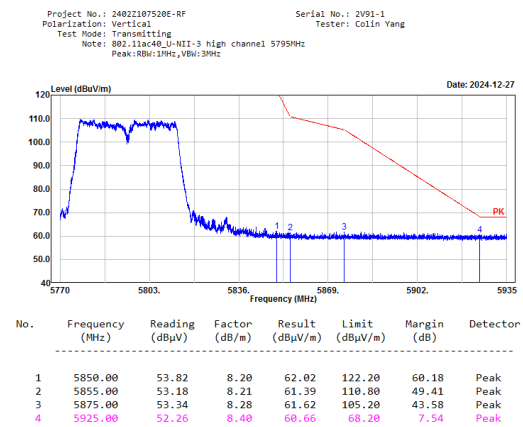
802.11ac40 mode, 5755MHz, Vertical



802.11ac40 mode, 5795MHz, Horizontal



802.11ac40 mode, 5795MHz, Vertical

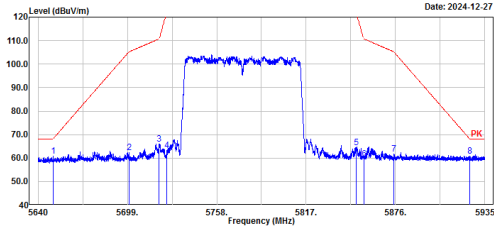


802.11ac80 mode, 5775MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac80_U-NII-3 middle channel 5775MHz
Peak: RBW:1MHz, VBW:30Hz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



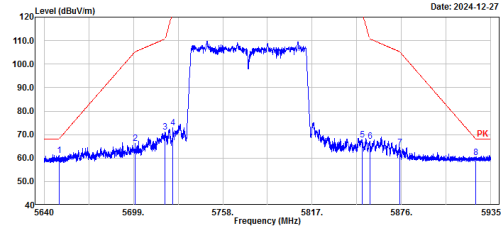
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	53.06	7.89	60.95	68.20	7.25	Peak
2	5700.00	54.28	7.98	62.26	105.20	42.94	Peak
3	5720.00	58.01	8.02	66.03	110.80	44.77	Peak
4	5725.00	55.35	8.03	63.38	122.20	58.82	Peak
5	5850.00	56.11	8.20	64.31	122.20	57.89	Peak
6	5855.00	51.44	8.21	59.65	110.80	51.15	Peak
7	5875.00	53.39	8.28	61.67	105.20	43.53	Peak
8	5925.00	52.34	8.40	60.74	68.20	7.46	Peak

802.11ac80 mode, 5775MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac80_U-NII-3 middle channel 5775MHz
Peak: RBW:1MHz, VBW:30Hz

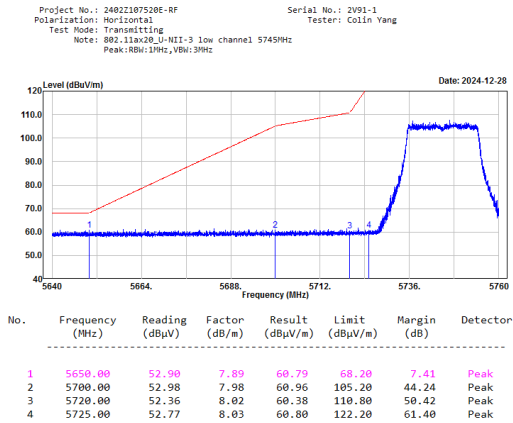
Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27

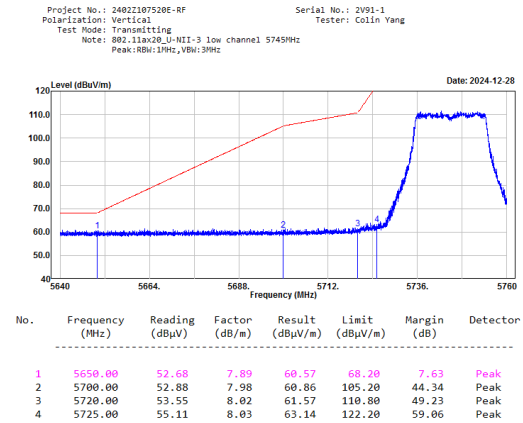


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	53.37	7.89	61.26	68.20	6.94	Peak
2	5700.00	58.31	7.98	66.29	105.20	38.91	Peak
3	5720.00	63.07	8.02	71.09	110.80	39.71	Peak
4	5725.00	64.80	8.03	72.83	122.20	49.37	Peak
5	5850.00	59.60	8.20	67.80	122.20	54.40	Peak
6	5855.00	59.01	8.21	67.22	110.80	43.58	Peak
7	5875.00	56.31	8.28	64.59	105.20	40.61	Peak
8	5925.00	51.92	8.40	60.32	68.20	7.88	Peak

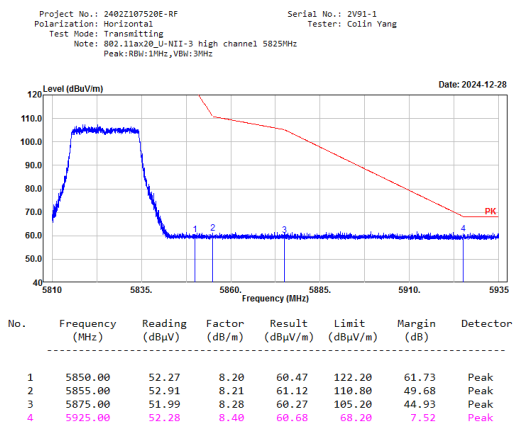
802.11ax20 mode, 5745MHz, Horizontal



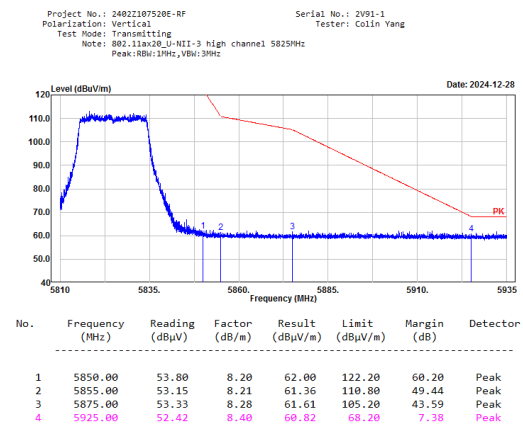
802.11ax20 mode, 5745MHz, Vertical



802.11ax20 mode, 5825MHz,Horizontal



802.11ax20 mode, 5825MHz, Vertical

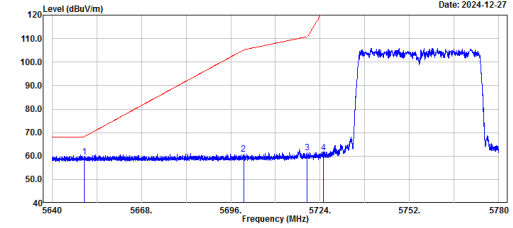


802.11ax40 mode, 5755MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII-3 low channel 5755MHz
Peak:RBW:3MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



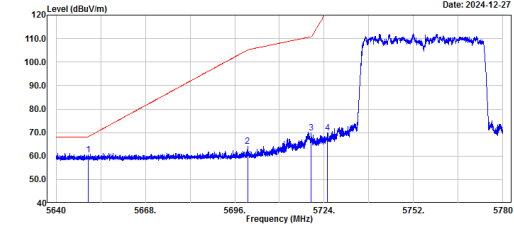
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	51.72	7.89	59.61	68.20	8.59	Peak
2	5700.00	52.94	7.98	60.92	105.20	44.28	Peak
3	5720.00	53.56	8.02	61.58	110.80	49.22	Peak
4	5725.00	53.50	8.03	61.53	122.20	60.67	Peak

802.11ax40 mode, 5755MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII-3 low channel 5755MHz
Peak:RBW:3MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



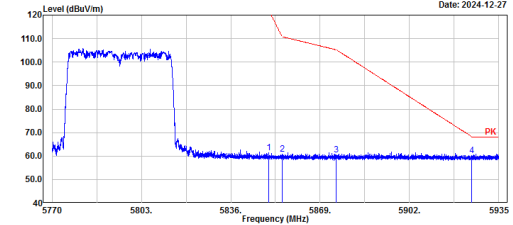
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	52.60	7.89	60.49	68.20	7.71	Peak
2	5700.00	56.08	7.98	64.06	105.20	41.14	Peak
3	5720.00	61.89	8.02	69.91	110.80	40.89	Peak
4	5725.00	61.88	8.03	69.91	122.20	52.29	Peak

802.11ax40 mode, 5795MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax40_U-NII-3 high channel 5795MHz
Peak:RBW:3MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



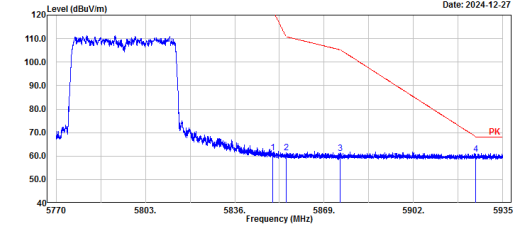
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5850.00	53.09	8.20	61.29	122.20	60.91	Peak
2	5855.00	52.73	8.21	60.94	110.80	49.86	Peak
3	5875.00	52.34	8.28	60.62	105.20	44.58	Peak
4	5925.00	51.84	8.40	60.24	68.20	7.96	Peak

802.11ax40 mode, 5795MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax40_U-NII-3 high channel 5795MHz
Peak:RBW:3MHz,VBW:3MHz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



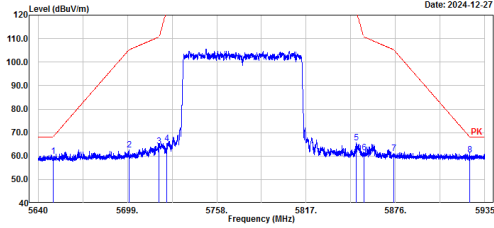
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5850.00	53.33	8.20	61.53	122.20	60.67	Peak
2	5855.00	53.26	8.21	61.47	110.80	49.33	Peak
3	5875.00	52.85	8.28	61.13	105.20	44.07	Peak
4	5925.00	52.40	8.40	60.80	68.20	7.40	Peak

802.11ax80 mode, 5775MHz, Horizontal

Project No.: 2402Z107520E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ax80_U-NII-3 middle channel 5775MHz
Peak: RBW:1MHz, VBW:30Hz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



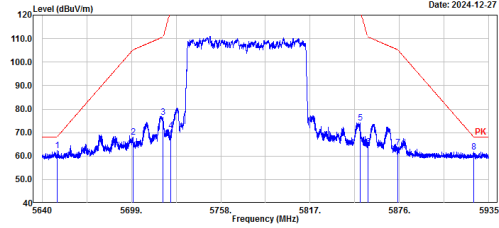
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	51.97	7.89	59.86	68.20	8.34	Peak
2	5700.00	54.64	7.98	62.62	105.20	42.58	Peak
3	5720.00	56.07	8.02	64.09	110.80	46.71	Peak
4	5725.00	57.34	8.03	65.37	122.20	56.83	Peak
5	5850.00	57.46	8.20	65.66	122.20	56.54	Peak
6	5855.00	53.19	8.21	61.40	110.80	49.40	Peak
7	5875.00	52.98	8.28	61.26	105.20	43.94	Peak
8	5925.00	52.14	8.40	60.54	68.20	7.66	Peak

802.11ax80 mode, 5775MHz, Vertical

Project No.: 2402Z107520E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ax80_U-NII-3 middle channel 5775MHz
Peak: RBW:1MHz, VBW:30Hz

Serial No.: 2V91-1
Tester: Colin Yang

Date: 2024-12-27



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.00	54.54	7.89	62.43	68.20	5.77	Peak
2	5700.00	60.07	7.98	68.05	105.20	37.15	Peak
3	5720.00	60.45	8.02	68.47	110.80	42.33	Peak
4	5725.00	62.68	8.03	70.71	122.20	51.49	Peak
5	5850.00	65.96	8.20	74.16	122.20	48.04	Peak
6	5855.00	55.69	8.21	63.90	110.80	46.90	Peak
7	5875.00	55.34	8.28	63.62	105.20	41.58	Peak
8	5925.00	53.42	8.40	61.82	68.20	6.38	Peak

5.3 Emission Bandwidth

Test Information:

Serial No.:	2V91-1	Test Date:	2025/01/03~2025/03/02
Test Site:	RF	Test Mode:	Transmitting
Tester:	Karl Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	19.2~24.8	Relative Humidity: (%)	26~65	ATM Pressure: (kPa)	100.9~102.4
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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-EM502	2024/06/07	2025/06/06
R&S	Spectrum Analyzer	FSV40	101461	2024/09/05	2025/09/04

* 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:**Test only was performed at Chain 1.****26dB Emission Bandwidth
5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 1	5180	26.073
		5200	25.442
		5240	21.003
802.11n20	Chain 1	5180	25.218
		5200	24.711
		5240	20.391
802.11n40	Chain 1	5190	69.676
		5230	39.940
802.11ac20	Chain 1	5180	22.226
		5200	21.794
		5240	20.746
802.11ac40	Chain 1	5190	40.941
		5230	41.241
802.11ac80	Chain 1	5210	80.480
802.11ax20_RU_Full	Chain 1	5180	22.573
		5200	22.117
		5240	20.140
802.11ax40_RU_Full	Chain 1	5190	40.040
		5230	39.940
802.11ax80_RU_Full	Chain 1	5210	81.081

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 1	5260	20.391
		5280	20.944
		5320	24.267
802.11n20	Chain 1	5260	20.747
		5280	20.798
		5320	24.846
802.11n40	Chain 1	5270	39.640
		5310	41.141
802.11ac20	Chain 1	5260	22.022
		5280	21.831
		5320	22.128
802.11ac40	Chain 1	5270	46.146
		5310	42.743
802.11ac80	Chain 1	5290	80.280
802.11ax20_RU_Full	Chain 1	5260	22.306
		5280	22.971
		5320	22.689
802.11ax40_RU_Full	Chain 1	5270	44.677
		5310	45.546
802.11ax80_RU_Full	Chain 1	5290	81.281

5150-5250MHz&5250-5350MHz:

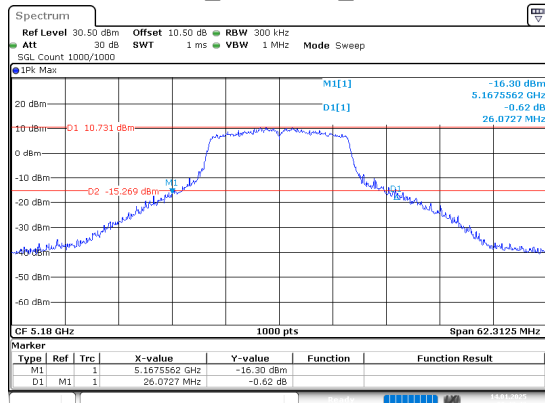
Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11ac160	Chain 1	5250	184.184
802.11ax160_RU_Full	Chain 1	5250	163.363

6dB Emission Bandwidth
5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	Chain 1	5745	15.415	0.5	Pass
		5785	15.916	0.5	Pass
		5825	15.215	0.5	Pass
802.11n20	Chain 1	5745	16.416	0.5	Pass
		5785	16.617	0.5	Pass
		5825	16.416	0.5	Pass
802.11n40	Chain 1	5755	35.235	0.5	Pass
		5795	35.235	0.5	Pass
802.11ac20	Chain 1	5745	17.818	0.5	Pass
		5785	17.818	0.5	Pass
		5825	17.818	0.5	Pass
802.11ac40	Chain 1	5755	36.637	0.5	Pass
		5795	36.637	0.5	Pass
802.11ac80	Chain 1	5775	76.677	0.5	Pass
802.11ax20_RU_Full	Chain 1	5745	19.169	0.5	Pass
		5785	19.219	0.5	Pass
		5825	19.219	0.5	Pass
802.11ax40_RU_Full	Chain 1	5755	38.338	0.5	Pass
		5795	38.338	0.5	Pass
802.11ax80_RU_Full	Chain 1	5775	78.679	0.5	Pass

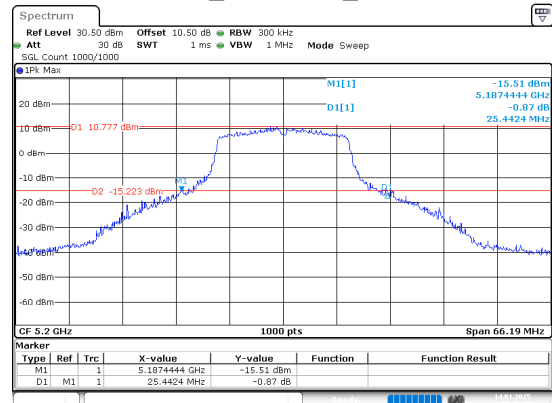
5150-5250MHz

802.11a_5180MHz_Chain 1



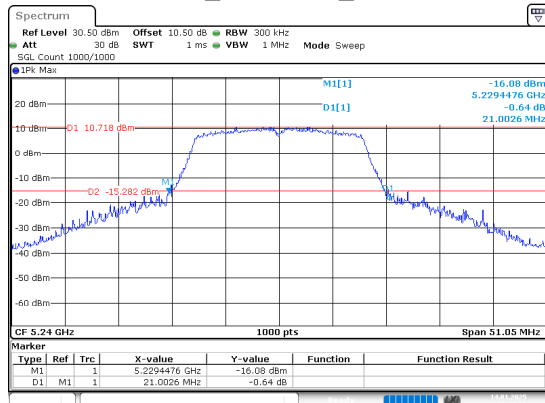
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 00:43:43

802.11a_5200MHz_Chain 1



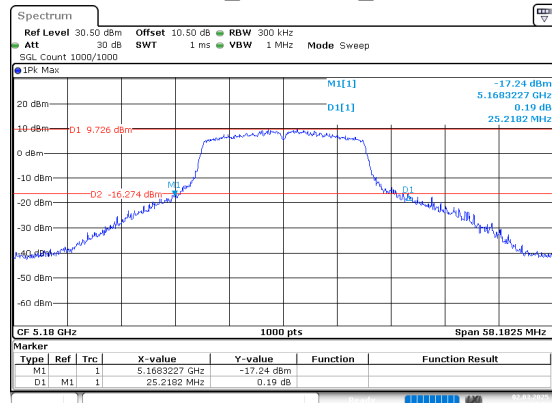
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 00:45:22

802.11a_5240MHz_Chain 1



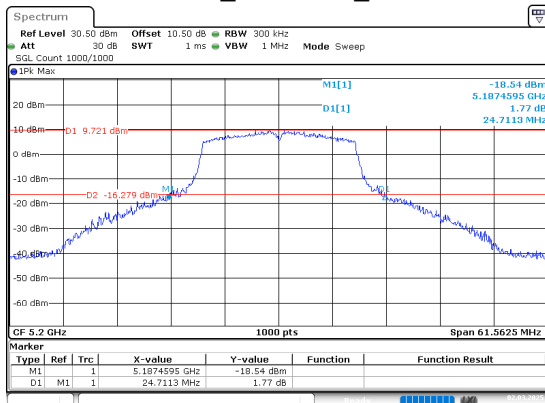
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 00:47:17

802.11n20_5180MHz_Chain 1



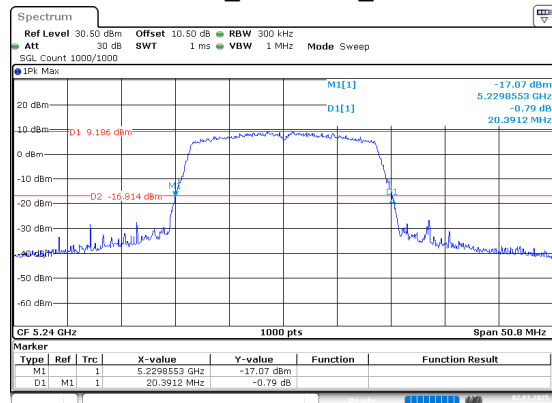
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 15:34:31

802.11n20_5200MHz_Chain 1



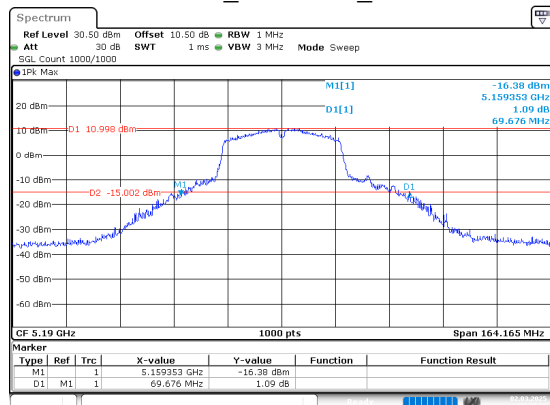
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 15:35:52

802.11n20_5240MHz_Chain 1



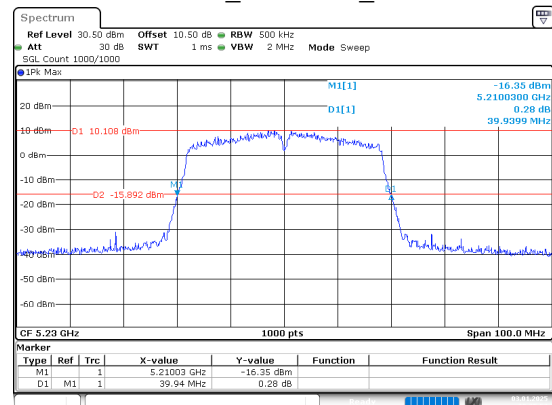
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 15:37:45

802.11n40_5190MHz_Chain 1



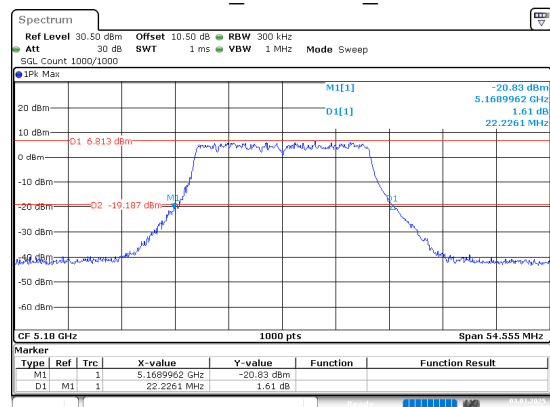
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 13:47:37

802.11n40_5230MHz_Chain 1



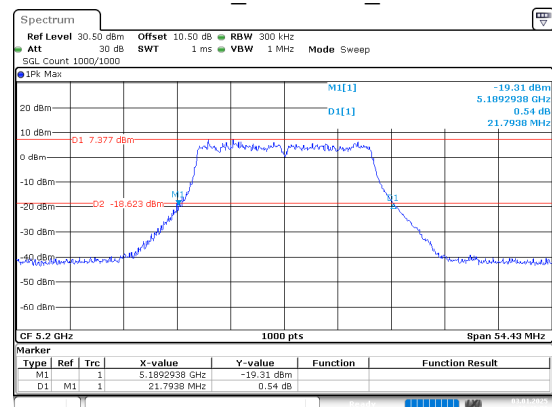
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 3.JAN.2025 20:35:52

802.11ac20_5180MHz_Chain 1



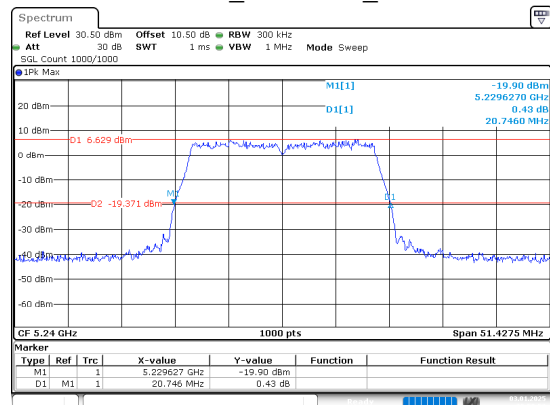
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Date: 3.JAN.2025 20:48:53

802.11ac20_5200MHz_Chain 1



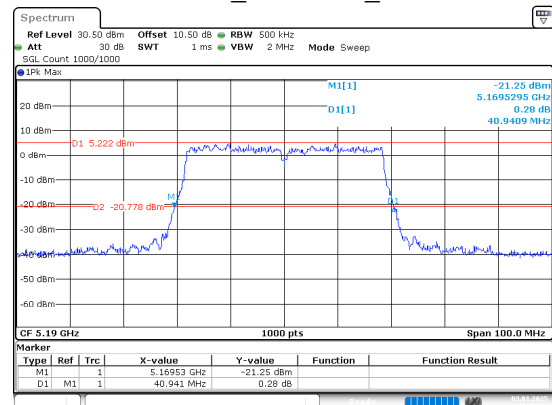
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 3.JAN.2025 20:49:53

802.11ac20_5240MHz_Chain 1



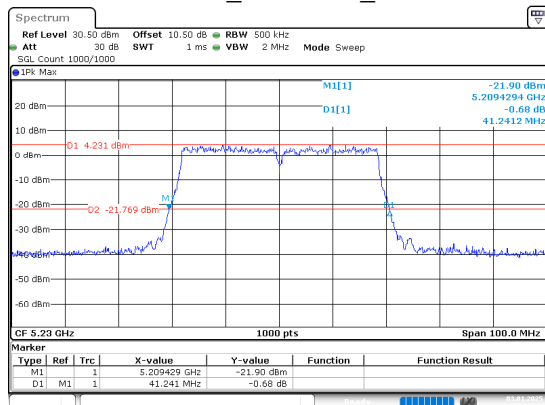
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 3.JAN.2025 20:50:52

802.11ac40_5190MHz_Chain 1

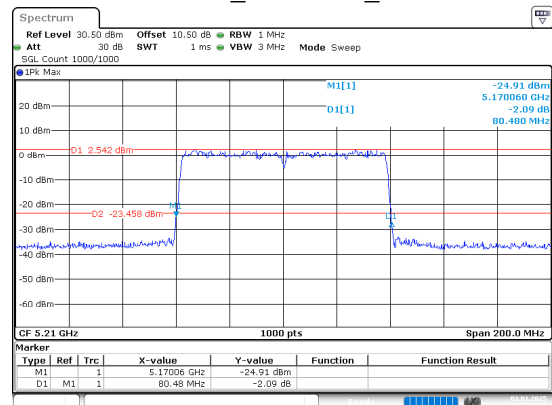


ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 3.JAN.2025 21:32:31

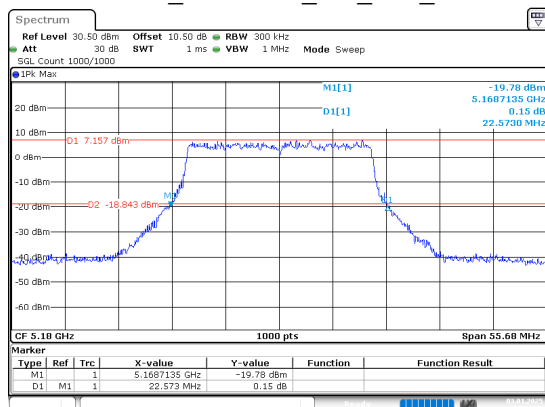
802.11ac40_5230MHz_Chain 1



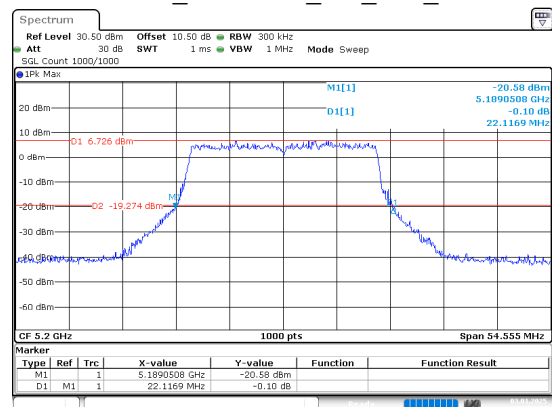
802.11ac80_5210MHz_Chain 1



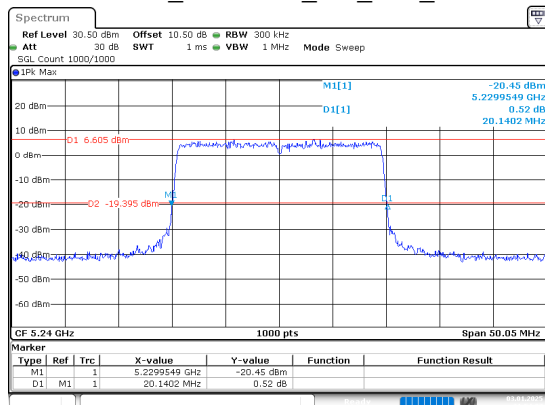
802.11ax20_5180MHz_RU_Full_Chain 1



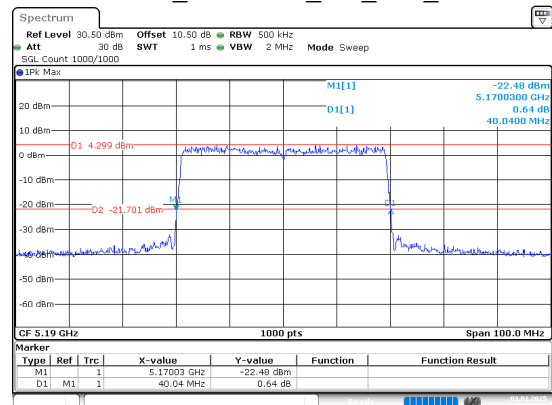
802.11ax20_5200MHz_RU_Full_Chain 1



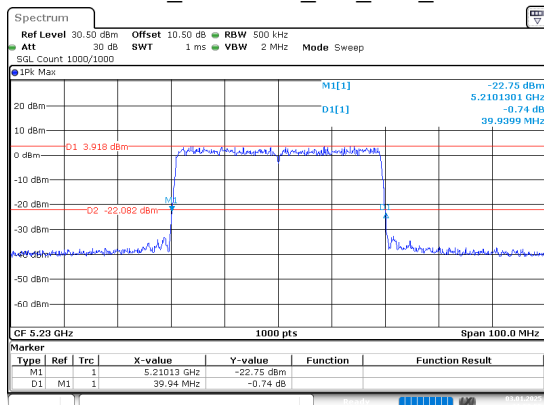
802.11ax20_5240MHz_RU_Full_Chain 1



802.11ax40_5190MHz_RU_Full_Chain 1

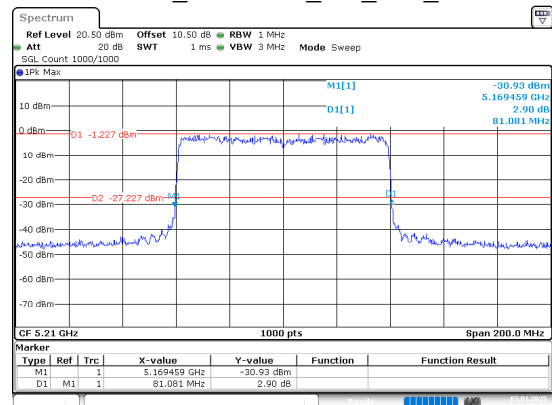


802.11ax40_5230MHz_RU_Full_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 3.JAN.2025 21:58:16

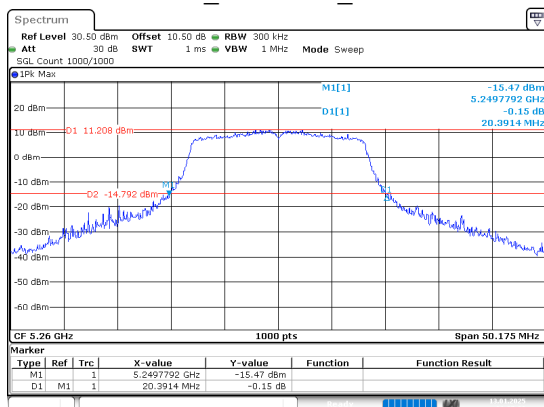
802.11ax80_5210MHz_RU_Full_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 3.JAN.2025 22:22:07

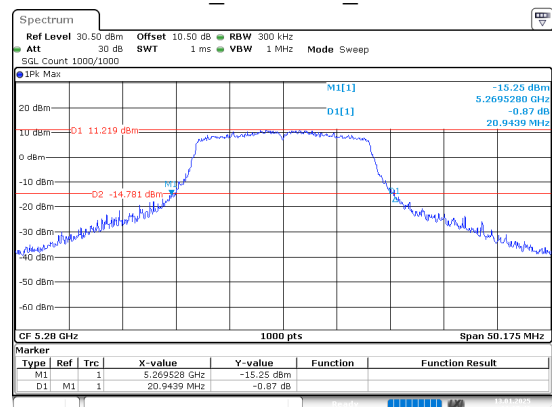
5250-5350MHz

802.11a_5260MHz_Chain 1



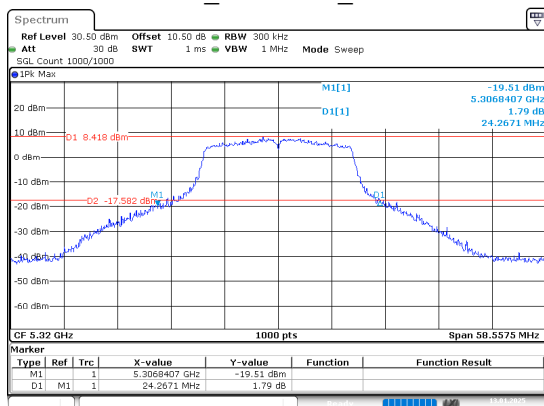
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 13.JAN.2025 21:37:04

802.11a_5280MHz_Chain 1



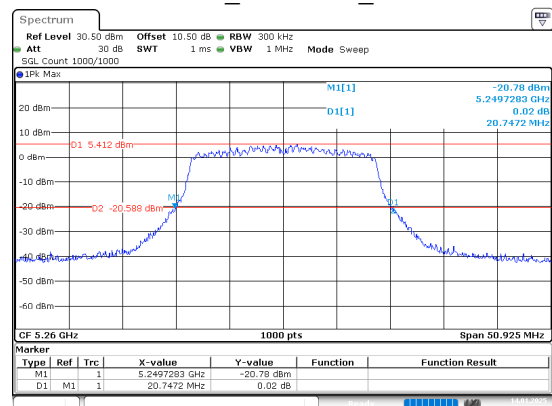
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Date: 13.JAN.2025 21:27:47

802.11a_5320MHz_Chain 1



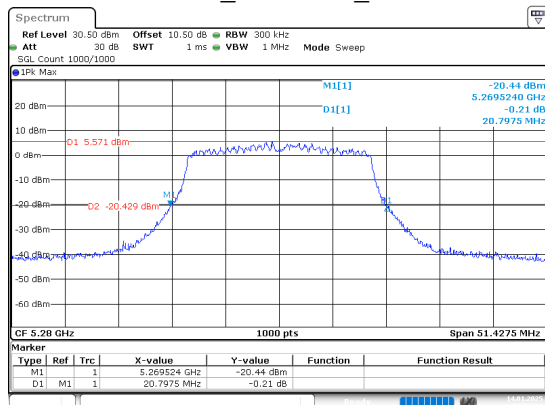
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 13.JAN.2025 22:05:13

802.11n20_5260MHz_Chain 1



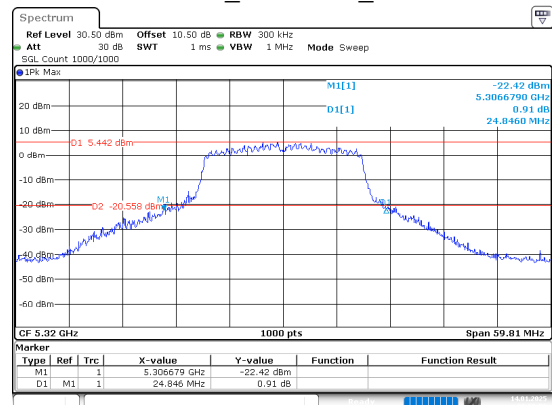
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 21:50:05

802.11n20_5280MHz_Chain 1



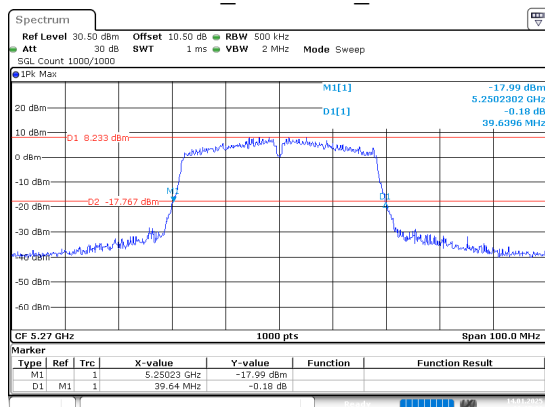
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 21:51:31

802.11n20_5320MHz_Chain 1



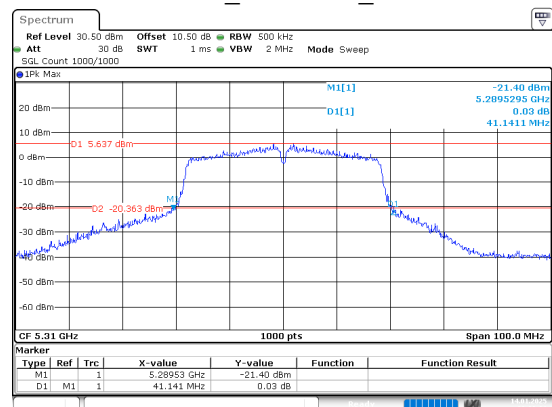
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 21:56:56

802.11n40_5270MHz_Chain 1



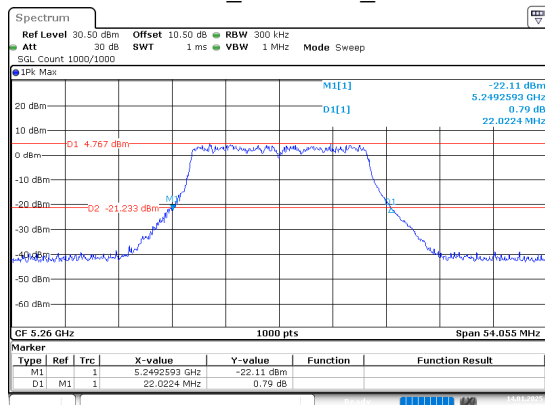
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 22:17:26

802.11n40_5310MHz_Chain 1



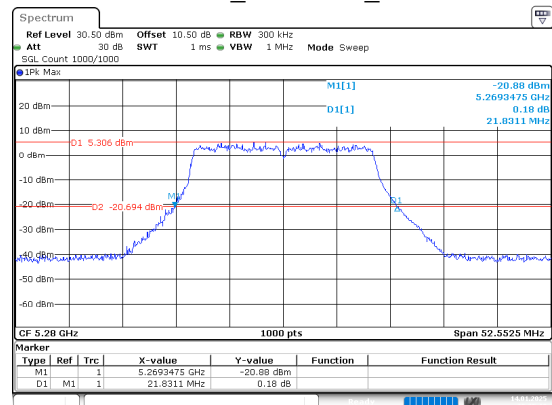
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 22:26:31

802.11ac20_5260MHz_Chain 1



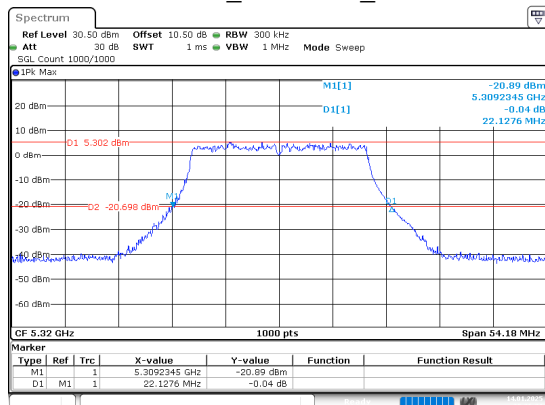
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 20:22:02

802.11ac20_5280MHz_Chain 1



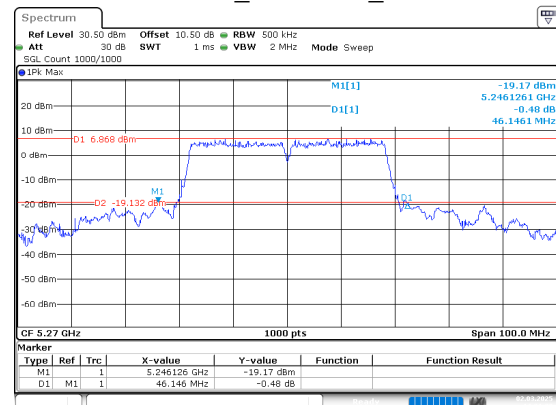
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Date: 14.JAN.2025 20:35:10

802.11ac20_5320MHz_Chain 1



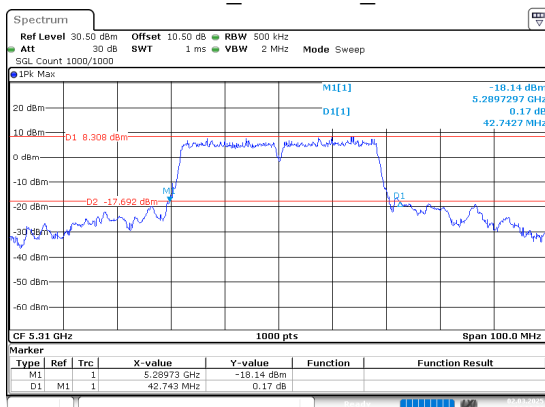
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 20:36:31

802.11ac40_5270MHz_Chain 1



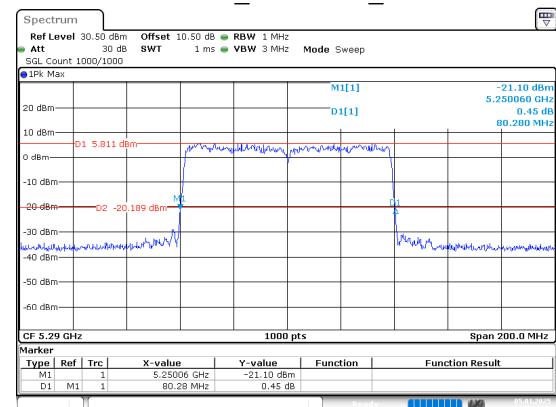
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 14:21:39

802.11ac40_5310MHz_Chain 1



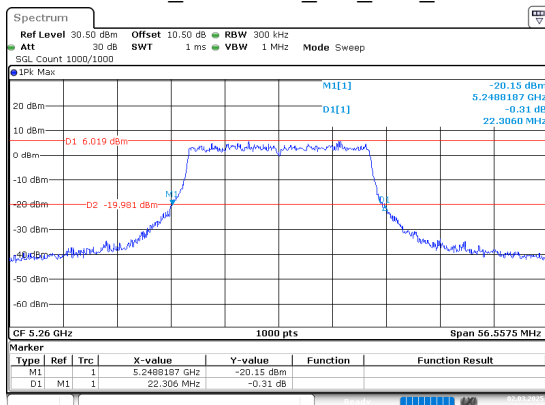
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 14:22:27

802.11ac80_5290MHz_Chain 1



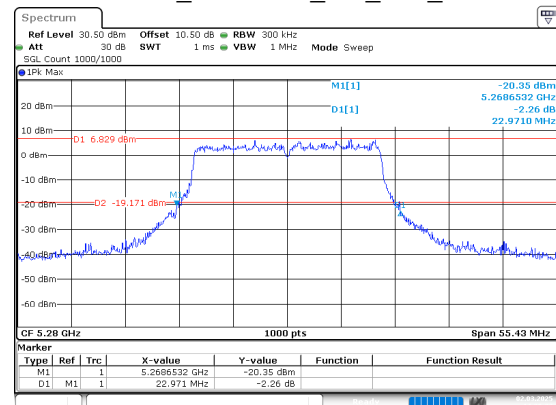
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 15:31:13

802.11ax20_5260MHz_RU_Full_Chain 1



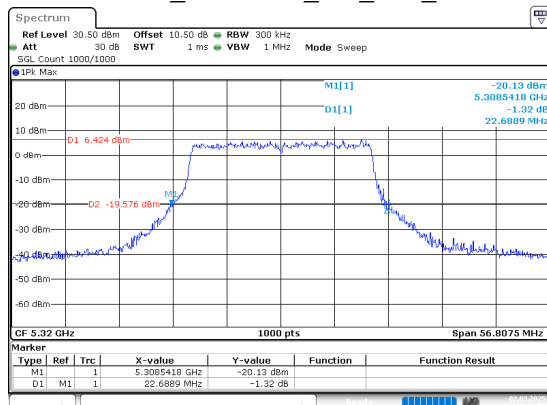
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 14:27:02

802.11ax20_5280MHz_RU_Full_Chain 1



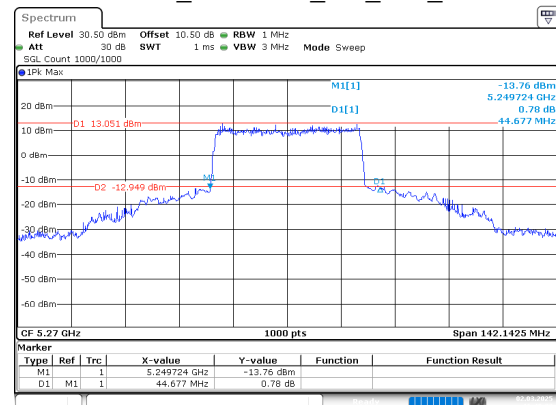
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 14:30:32

802.11ax20_5320MHz_RU_Full_Chain 1



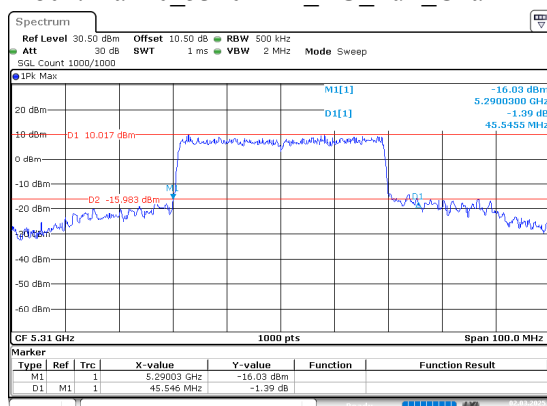
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 14:31:32

802.11ax40_5270MHz_RU_Full_Chain 1



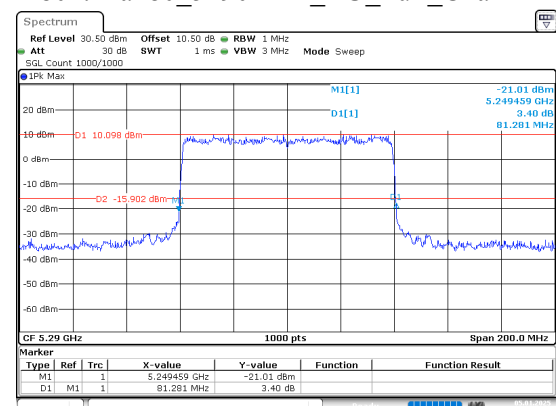
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 16:40:32

802.11ax40_5310MHz_RU_Full_Chain 1



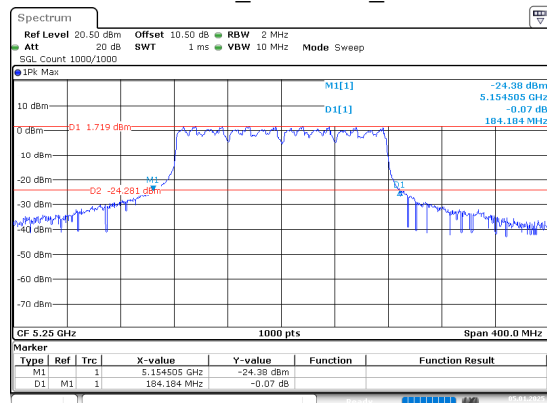
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 16:41:31

802.11ax80_5290MHz_RU_Full_Chain 1



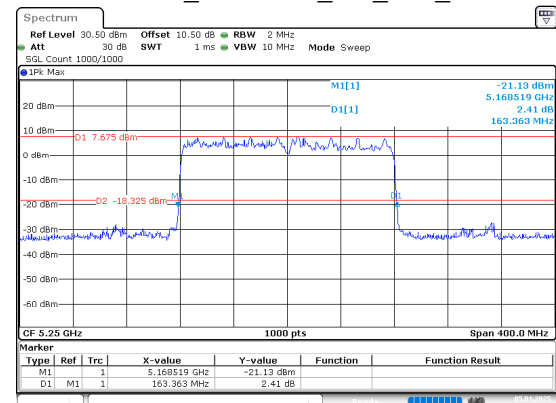
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 10:46:15

802.11ac160_5250MHz_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 15:44:08

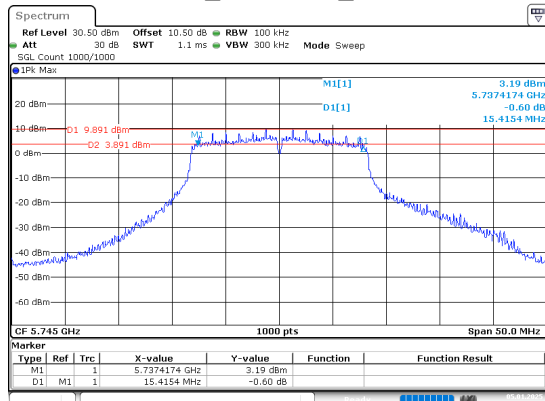
802.11ax160_5250MHz_RU_Full_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 10:54:27

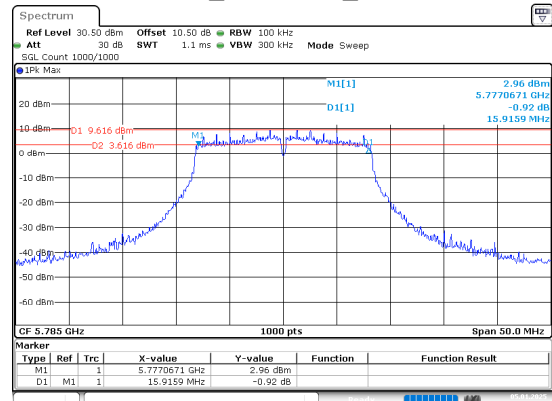
5725-5850MHz

802.11a_5745MHz_Chain 1



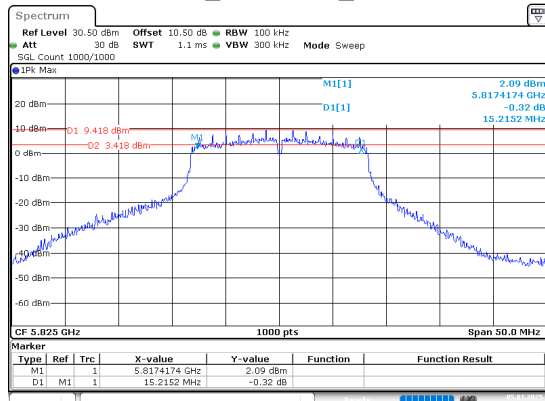
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 15:50:52

802.11a_5785MHz_Chain 1



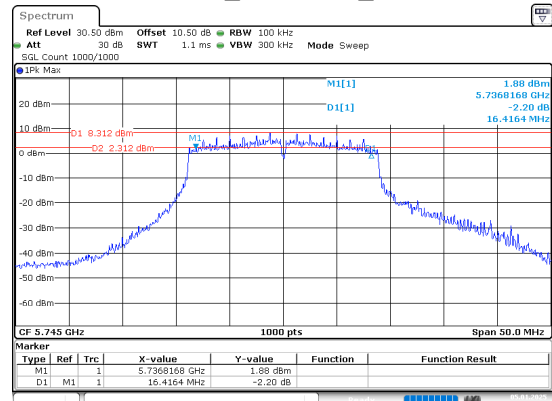
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 11:15:08

802.11a_5825MHz_Chain 1



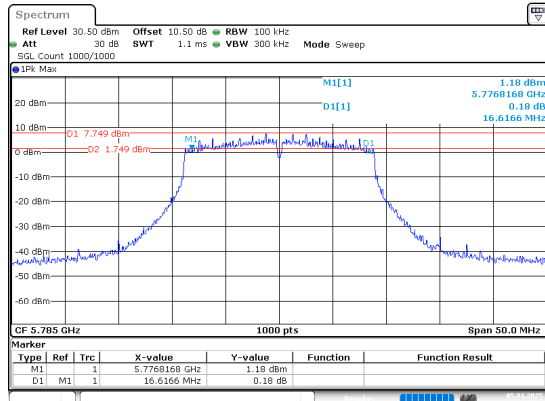
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 11:16:36

802.11n20_5745MHz_Chain 1



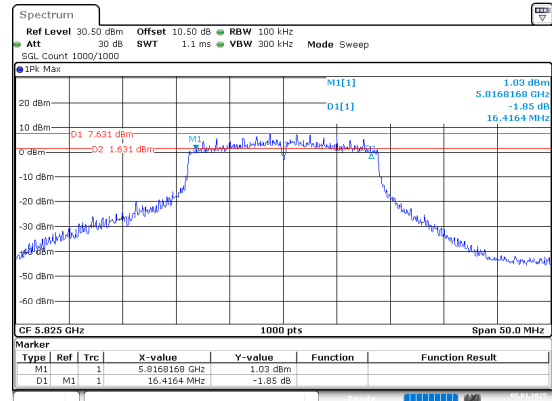
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 11:25:21

802.11n20_5785MHz_Chain 1



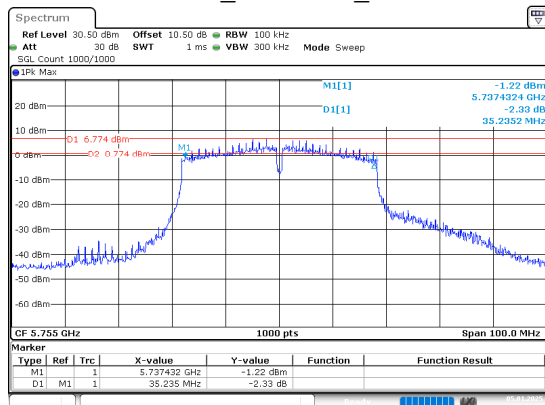
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 11:26:59

802.11n20_5825MHz_Chain 1



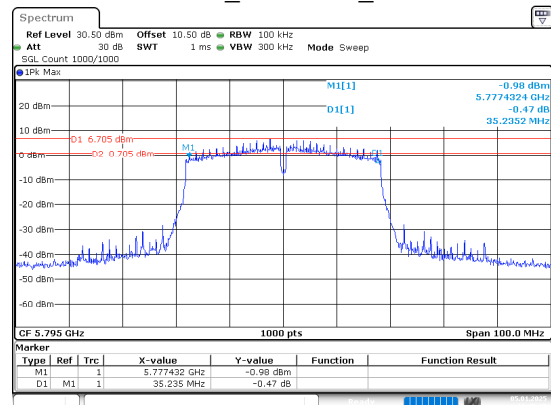
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 11:28:53

802.11n40_5755MHz_Chain 1



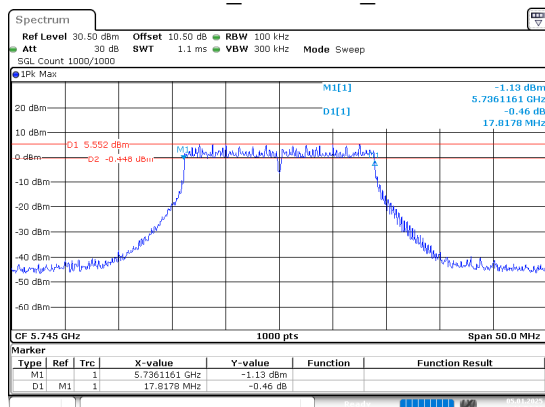
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Date: 5-JAN-2025 11:44:23

802.11n40_5795MHz_Chain 1



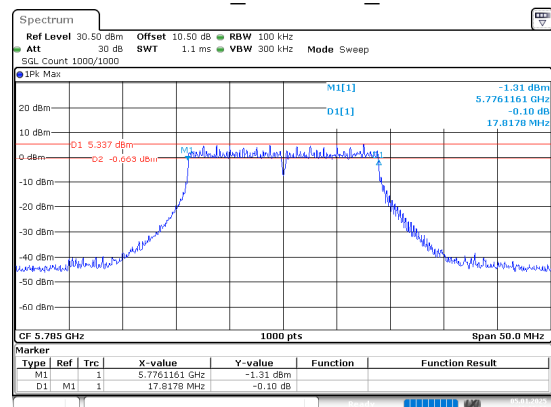
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5-JAN-2025 11:45:16

802.11ac20_5745MHz_Chain 1



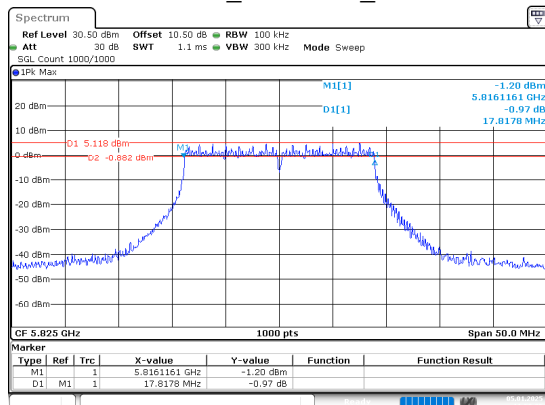
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5-JAN-2025 11:54:34

802.11ac20_5785MHz_Chain 1



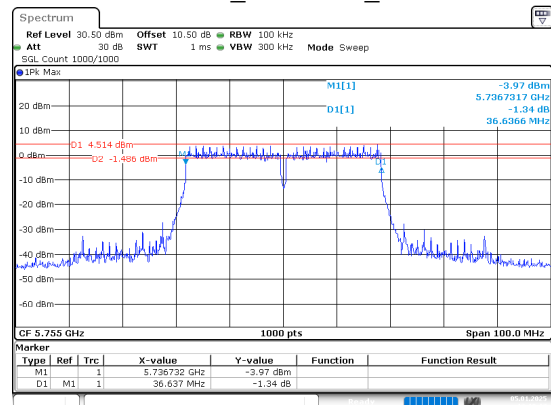
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Date: 5-JAN-2025 12:02:06

802.11ac20_5825MHz_Chain 1



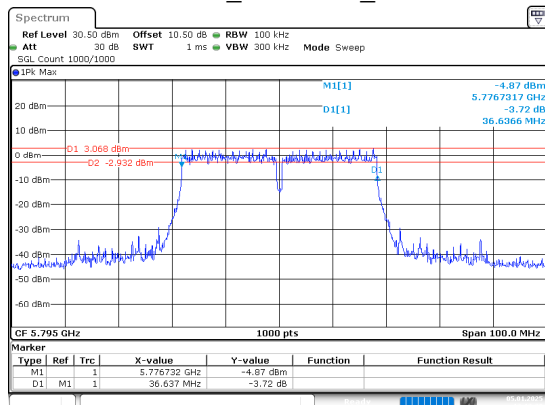
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5-JAN-2025 11:59:05

802.11ac40_5755MHz_Chain 1



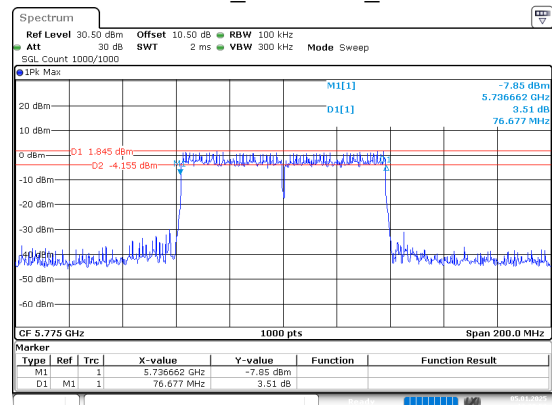
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5-JAN-2025 13:10:17

802.11ac40_5795MHz_Chain 1



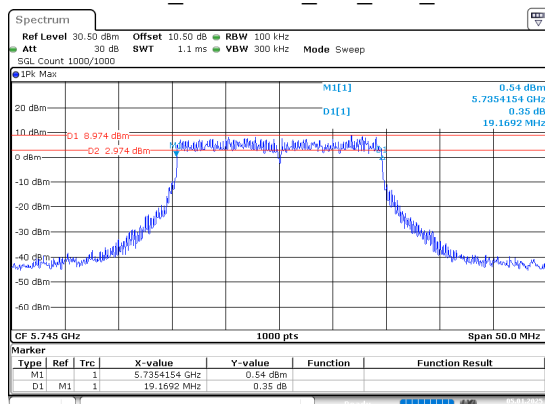
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 13:13:28

802.11ac80_5775MHz_Chain 1



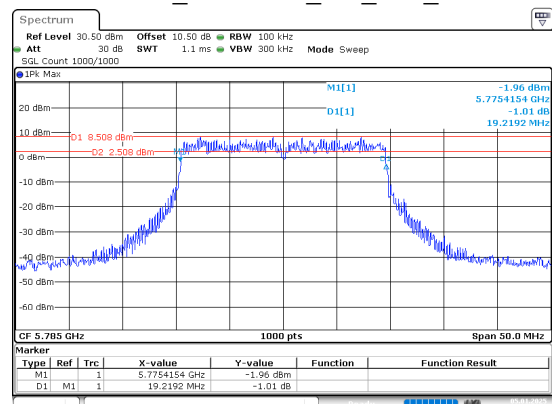
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 13:20:52

802.11ax20_5745MHz_RU_Full_Chain 1



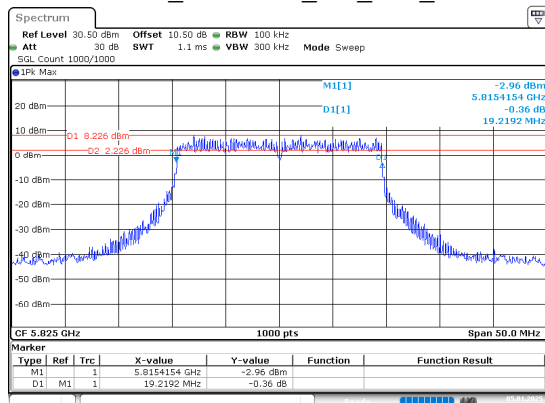
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 16:12:02

802.11ax20_5785MHz_RU_Full_Chain 1



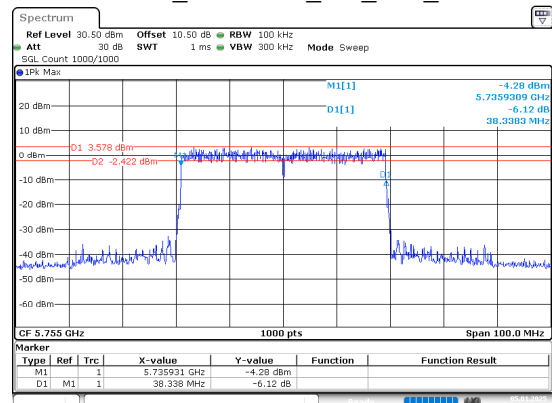
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 16:13:36

802.11ax20_5825MHz_RU_Full_Chain 1



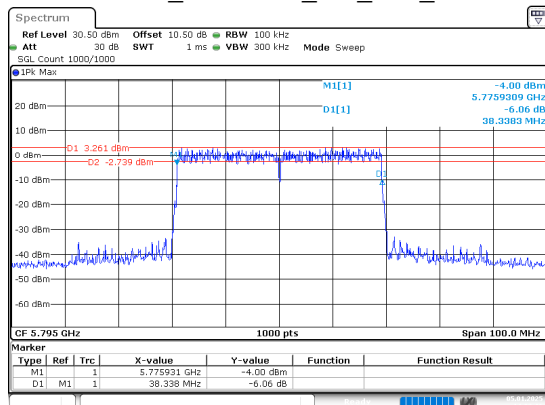
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 16:16:05

802.11ax40_5755MHz_RU_Full_Chain 1



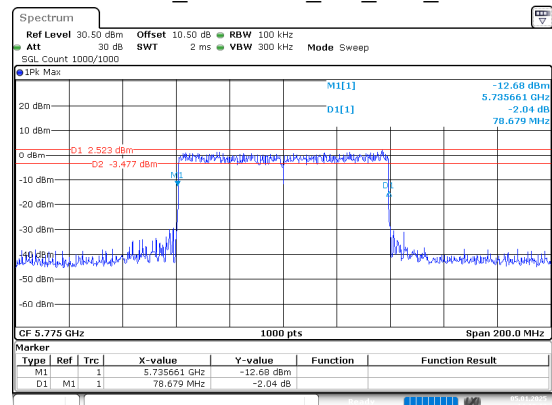
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 14:04:39

802.11ax40_5795MHz_RU_Full_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5-JAN-2025 14:03:16

802.11ax80_5775MHz_RU_Full_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5-JAN-2025 14:19:13

5.4 99% Occupied Bandwidth**Test Information:**

Serial No.:	2V91-1	Test Date:	2025/01/03~2025/03/02
Test Site:	RF	Test Mode:	Transmitting
Tester:	Karl Liang	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	19.2~24.8	Relative Humidity: (%)	26~65	ATM Pressure: (kPa)	100.9~102.4
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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-EM502	2024/06/07	2025/06/06
R&S	Spectrum Analyzer	FSV40	101461	2024/09/05	2025/09/04

** 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:**Test only was performed at Chain 1.****5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 1	5180	16.600
		5200	16.650
		5240	16.550
802.11n20	Chain 1	5180	17.650
		5200	17.700
		5240	17.600
802.11n40	Chain 1	5190	38.700
		5230	35.800
802.11ac20	Chain 1	5180	17.850
		5200	17.850
		5240	17.850
802.11ac40	Chain 1	5190	36.600
		5230	36.500
802.11ac80	Chain 1	5210	76
802.11ax20_RU_Full	Chain 1	5180	19.100
		5200	19.050
		5240	19
802.11ax40_RU_Full	Chain 1	5190	38
		5230	37.800
802.11ax80_RU_Full	Chain 1	5210	77.400

Note:

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

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 1	5260	16.400
		5280	16.400
		5320	16.550
802.11n20	Chain 1	5260	17.550
		5280	17.550
		5320	17.650
802.11n40	Chain 1	5270	35.800
		5310	36
802.11ac20	Chain 1	5260	17.800
		5280	17.850
		5320	17.850
802.11ac40	Chain 1	5270	36.600
		5310	36.700
802.11ac80	Chain 1	5290	76.200
802.11ax20_RU_Full	Chain 1	5260	19
		5280	19.050
		5320	19.050
802.11ax40_RU_Full	Chain 1	5270	38
		5310	38.100
802.11ax80_RU_Full	Chain 1	5290	77.600

5150-5250MHz&5250-5350MHz:

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11ac160	Chain 1	5250	155.600
802.11ax160_RU_Full	Chain 1	5250	156.400

5725-5850MHz

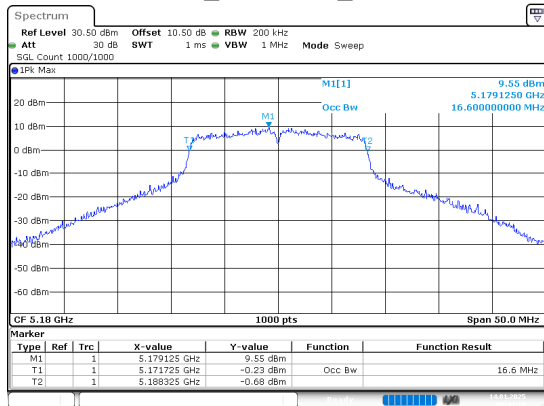
Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 1	5745	16.450
		5785	16.400
		5825	16.500
802.11n20	Chain 1	5745	17.600
		5785	17.600
		5825	17.650
802.11n40	Chain 1	5755	36
		5795	35.800
802.11ac20	Chain 1	5745	17.850
		5785	17.850
		5825	17.850
802.11ac40	Chain 1	5755	36.500
		5795	36.700
802.11ac80	Chain 1	5775	76.200
802.11ax20_RU_Full	Chain 1	5745	19.100
		5785	19.050
		5825	19.050
802.11ax40_RU_Full	Chain 1	5755	38
		5795	37.900
802.11ax80_RU_Full	Chain 1	5775	77.600

Note:

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

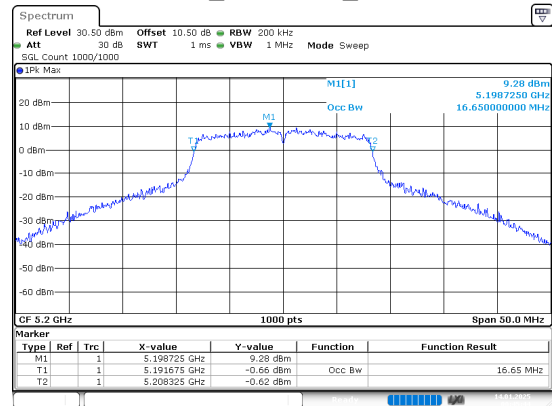
5150-5250MHz

802.11a_5180MHz_Chain 1



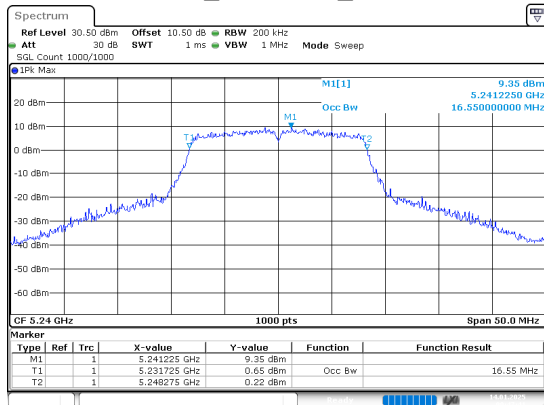
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 00:44:10

802.11a_5200MHz_Chain 1



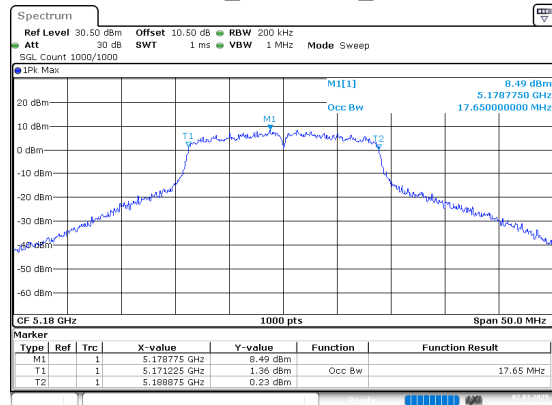
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Date: 14.JAN.2025 00:45:45

802.11a_5240MHz_Chain 1



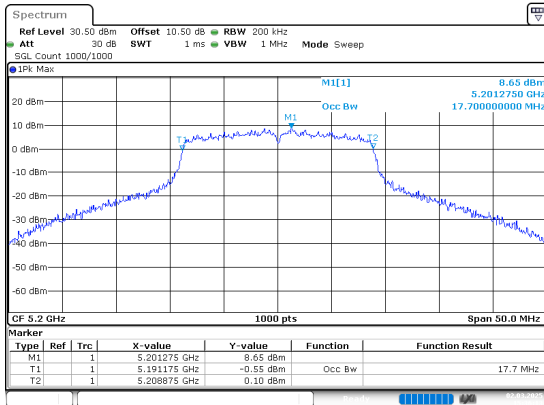
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 14.JAN.2025 00:47:41

802.11n20_5180MHz_Chain 1



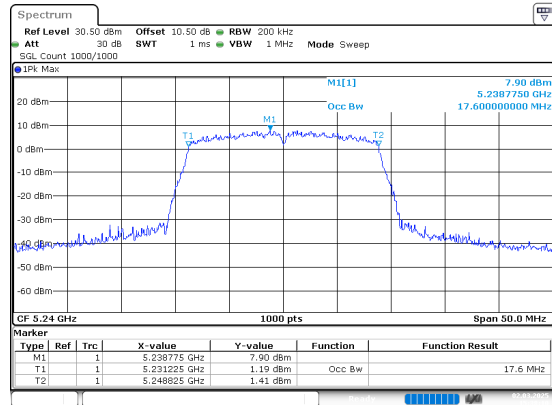
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Date: 2.MAR.2025 15:34:56

802.11n20_5200MHz_Chain 1



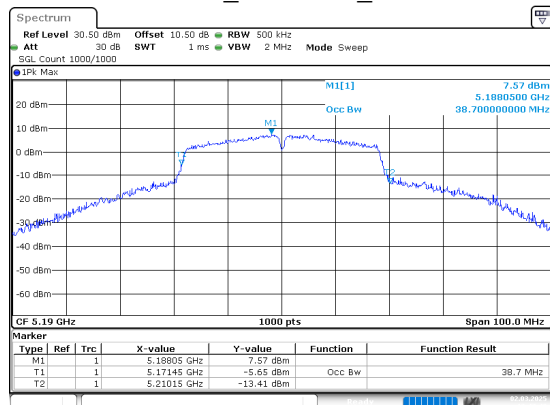
ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 2.MAR.2025 15:36:13

802.11n20_5240MHz_Chain 1



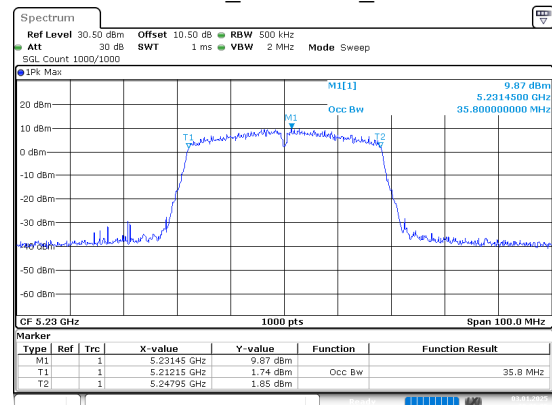
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Date: 2.MAR.2025 15:38:10

802.11n40_5190MHz_Chain 1



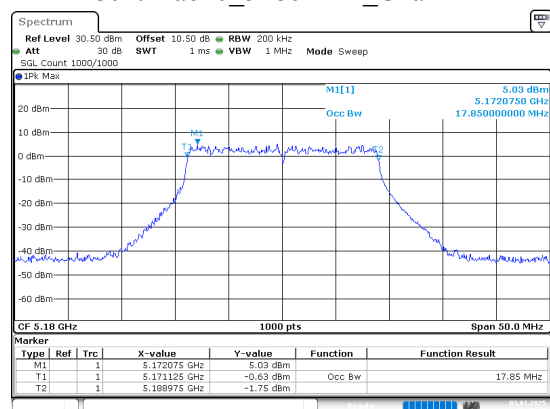
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Date: 2.MAR.2025 13:47:49

802.11n40_5230MHz_Chain 1



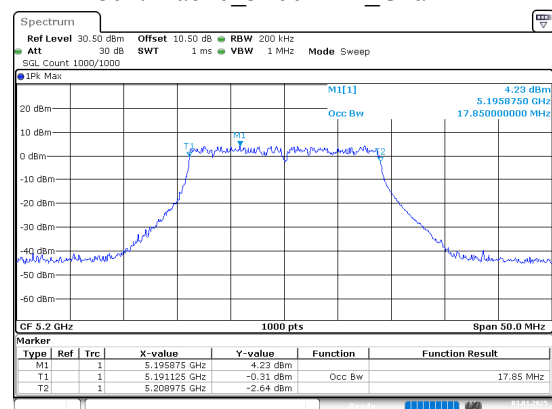
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Date: 3.JAN.2025 20:36:06

802.11ac20_5180MHz_Chain 1



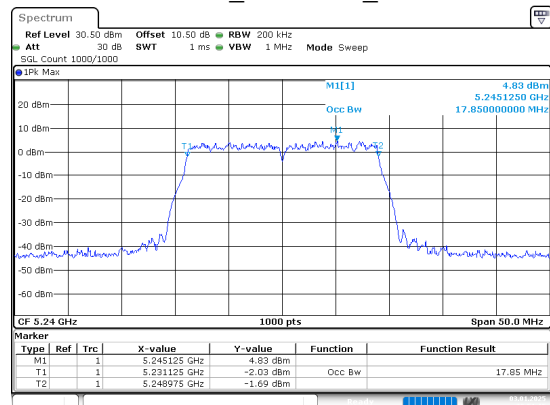
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Date: 3.JAN.2025 20:49:17

802.11ac20_5200MHz_Chain 1



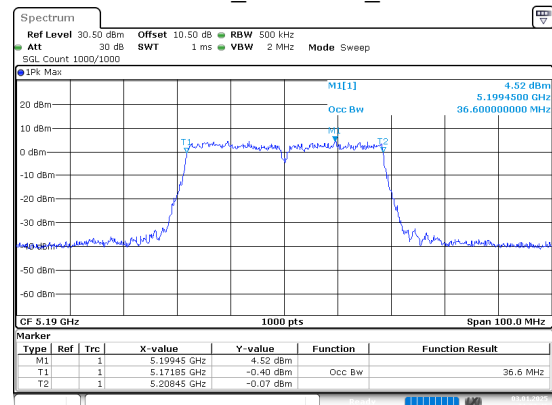
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802.11ac20_5240MHz_Chain 1



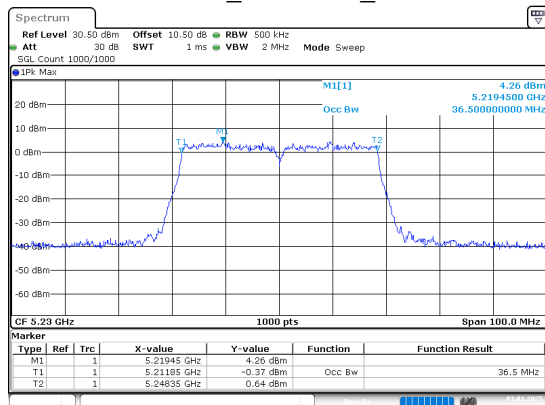
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Date: 3.JAN.2025 20:51:15

802.11ac40_5190MHz_Chain 1



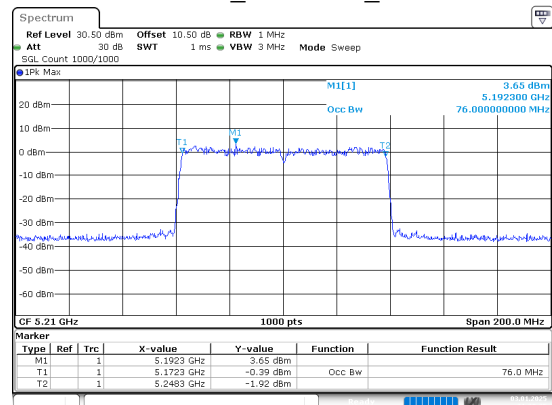
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Date: 3.JAN.2025 21:32:46

802.11ac40_5230MHz_Chain 1



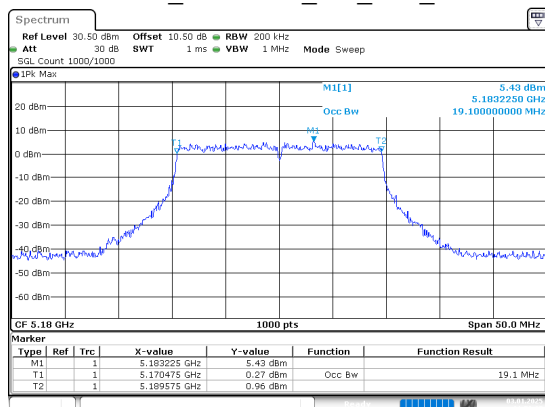
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Date: 3.JAN.2025 21:33:27

802.11ac80_5210MHz_Chain 1



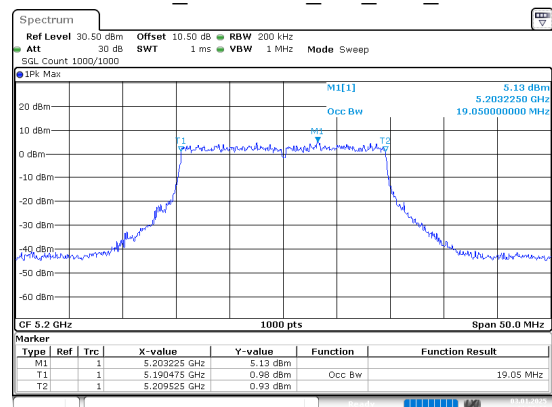
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Date: 3.JAN.2025 21:38:25

802.11ax20_5180MHz_RU_Full_Chain 1



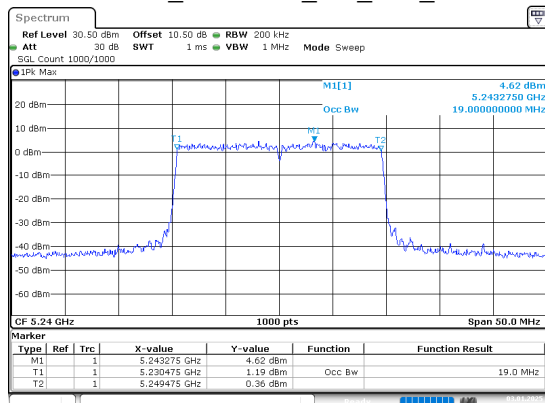
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Date: 3.JAN.2025 21:52:25

802.11ax20_5200MHz_RU_Full_Chain 1



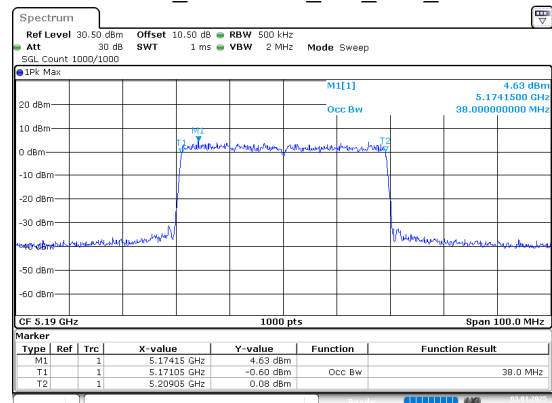
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802.11ax20_5240MHz_RU_Full_Chain 1



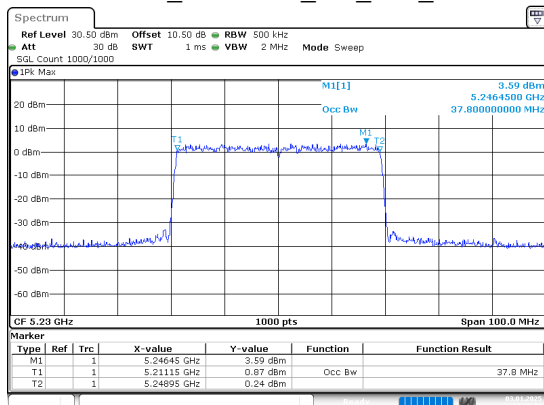
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802.11ax40_5190MHz_RU_Full_Chain 1



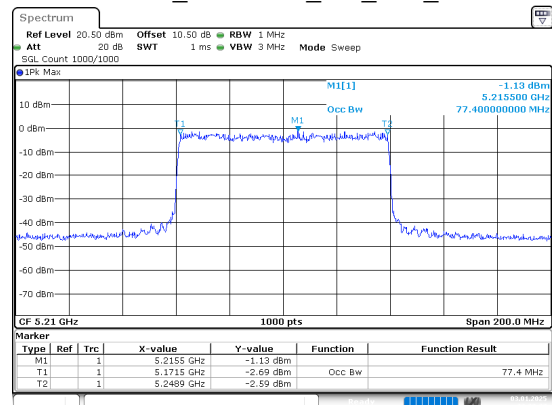
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Date: 3.JAN.2025 21:58:27

802.11ax40_5230MHz_RU_Full_Chain 1



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Date: 3.JAN.2025 21:59:12

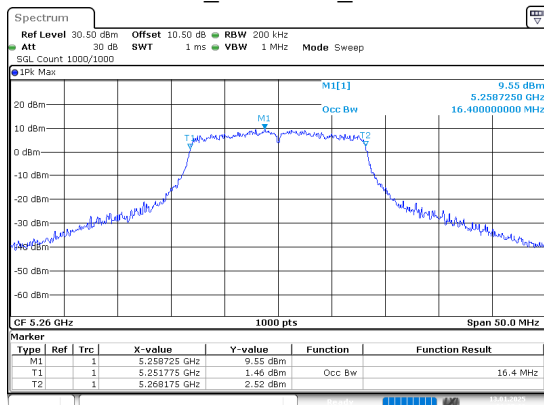
802.11ax80_5210MHz_RU_Full_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 3.JAN.2025 22:22:27

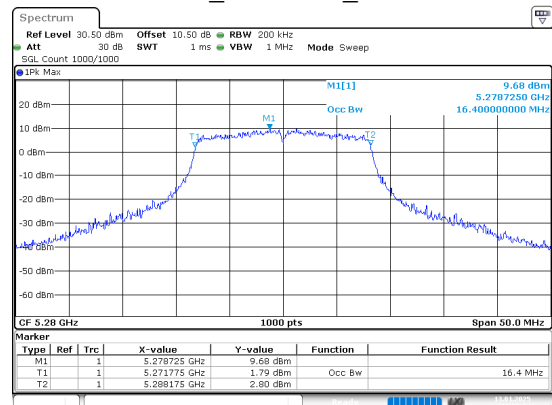
5250-5350MHz

802.11a_5260MHz_Chain 1



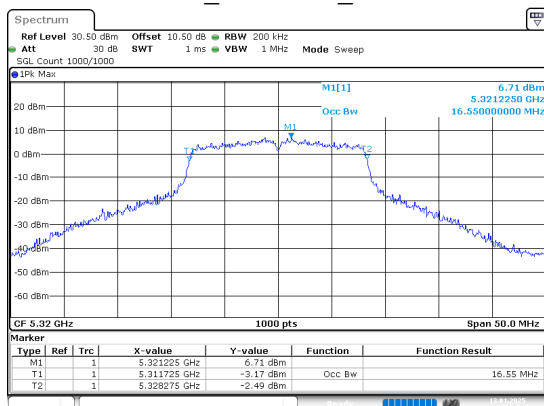
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Date: 13.JAN.2025 21:37:28

802.11a_5280MHz_Chain 1



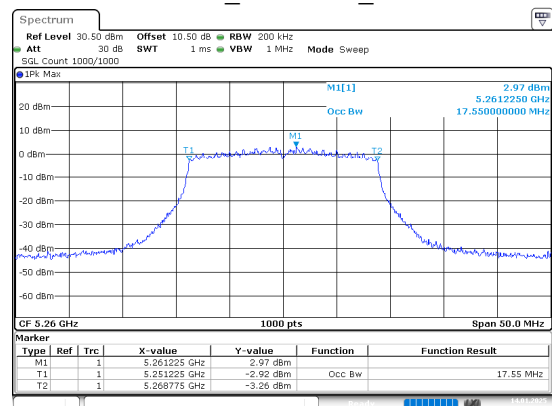
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Date: 13.JAN.2025 21:28:14

802.11a_5320MHz_Chain 1



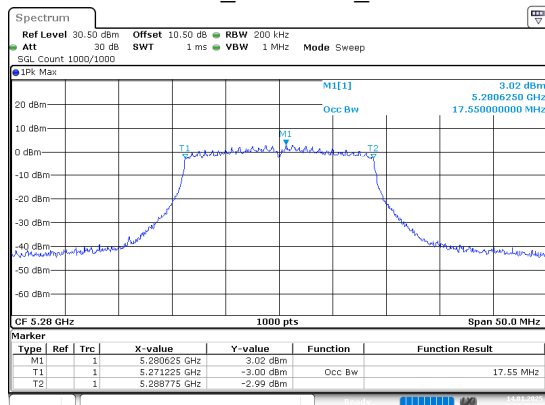
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Date: 13.JAN.2025 22:05:36

802.11n20_5260MHz_Chain 1



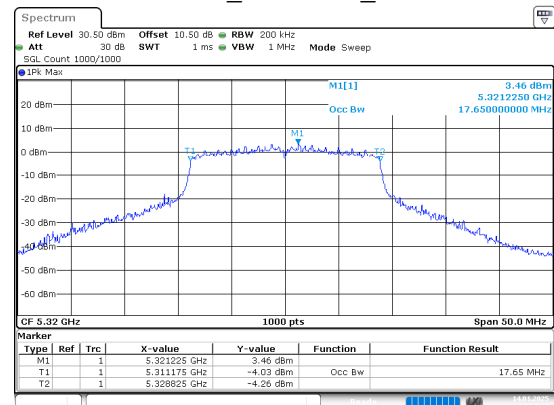
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802.11n20_5280MHz_Chain 1



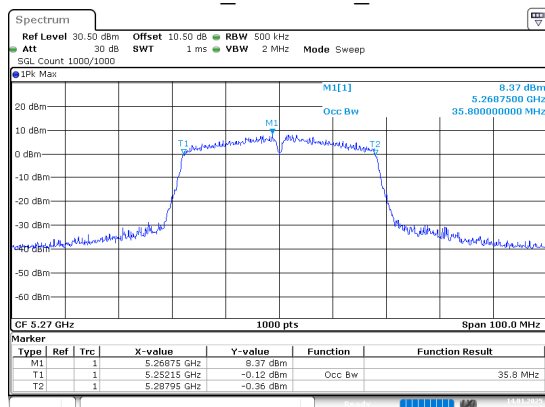
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Date: 14.JAN.2025 21:51:57

802.11n20_5320MHz_Chain 1



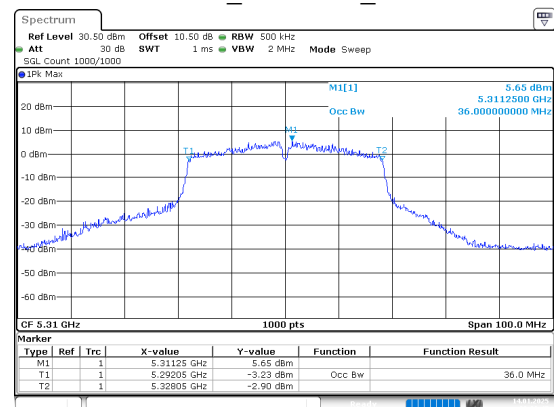
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Date: 14.JAN.2025 21:57:20

802.11n40_5270MHz_Chain 1



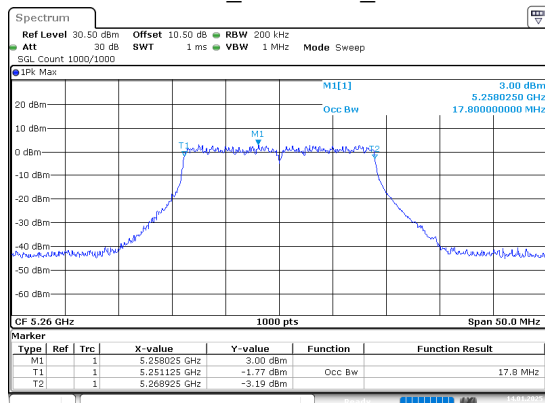
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Date: 14.JAN.2025 22:17:40

802.11n40_5310MHz_Chain 1



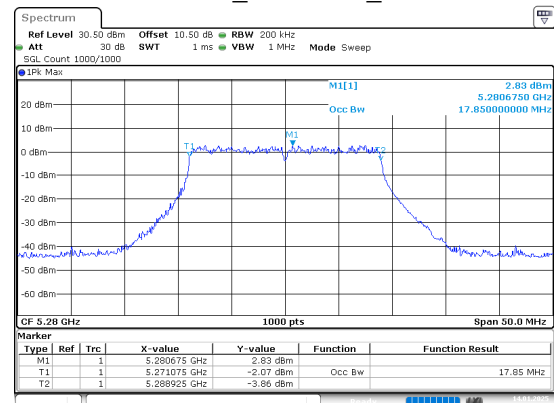
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Date: 14.JAN.2025 22:26:45

802.11ac20_5260MHz_Chain 1



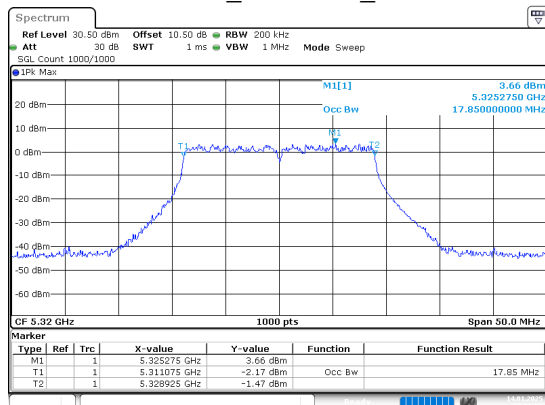
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Date: 14.JAN.2025 20:22:26

802.11ac20_5280MHz_Chain 1



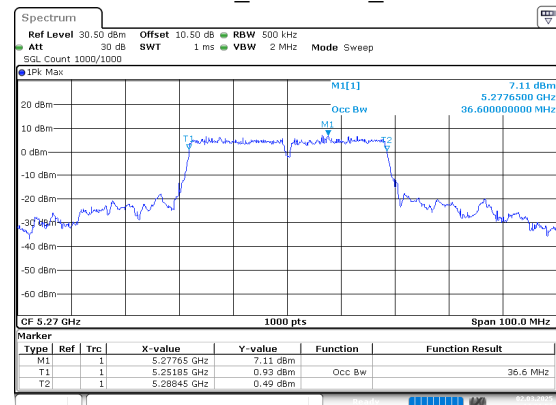
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Date: 14.JAN.2025 20:35:35

802.11ac20_5320MHz_Chain 1



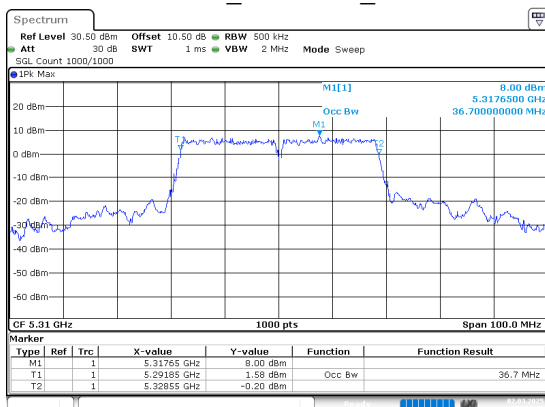
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Date: 14.JAN.2025 20:36:55

802.11ac40_5270MHz_Chain 1



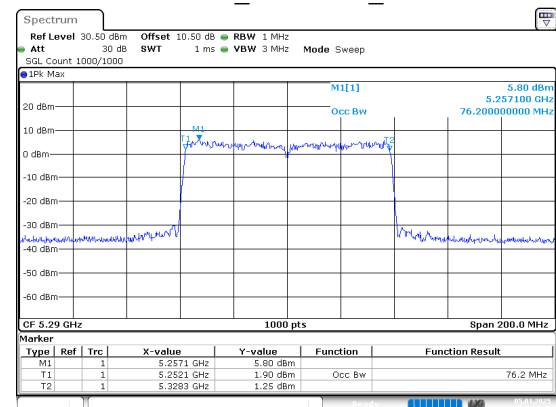
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Date: 2.MAR.2025 14:21:51

802.11ac40_5310MHz_Chain 1



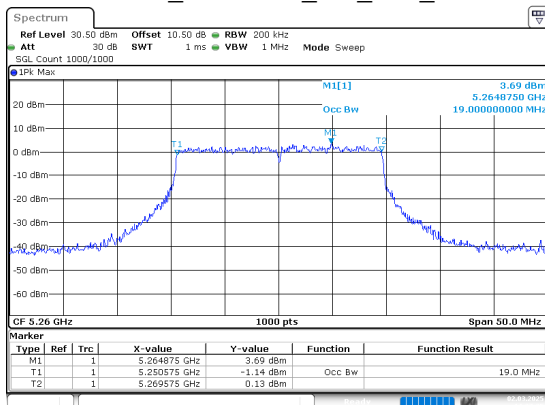
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Date: 2.MAR.2025 14:22:39

802.11ac80_5290MHz_Chain 1



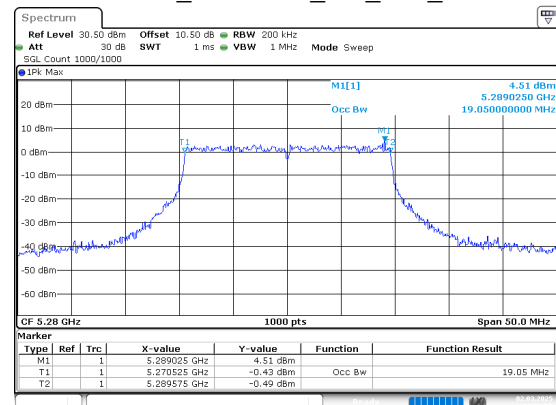
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Date: 5.JAN.2025 15:31:29

802.11ax20_5260MHz_RU_Full_Chain 1



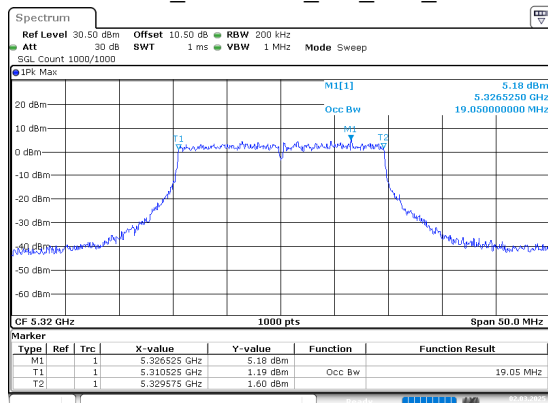
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802.11ax20_5280MHz_RU_Full_Chain 1



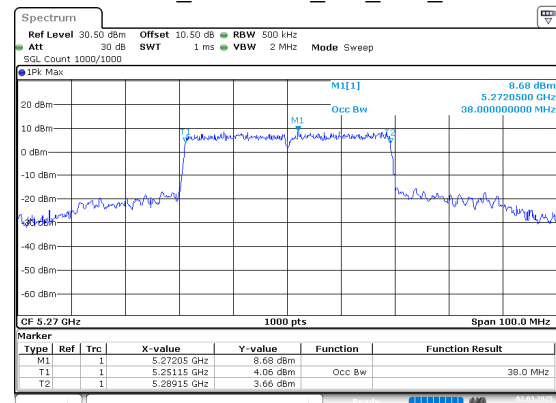
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802.11ax20_5320MHz_RU_Full_Chain 1



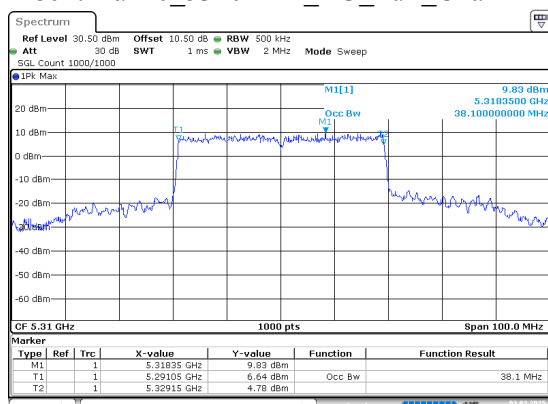
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Date: 2.MAR.2025 14:32:16

802.11ax40_5270MHz_RU_Full_Chain 1



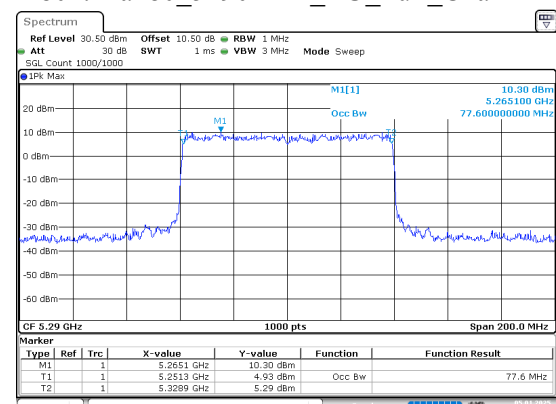
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Date: 2.MAR.2025 16:40:47

802.11ax40_5310MHz_RU_Full_Chain 1



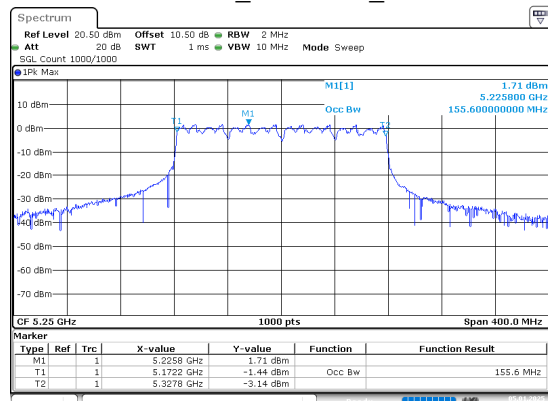
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Date: 2.MAR.2025 16:41:45

802.11ax80_5290MHz_RU_Full_Chain 1



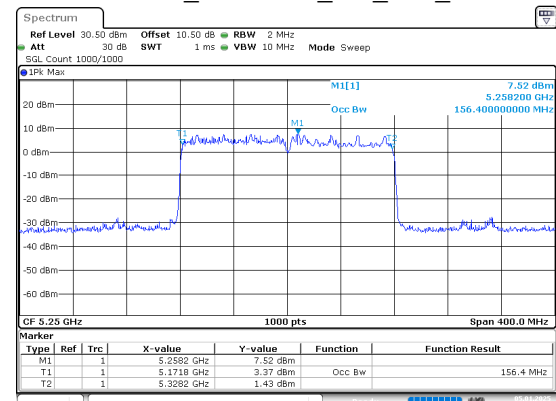
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Date: 5.JAN.2025 10:46:34

802.11ac160_5250MHz_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5.JAN.2025 15:44:24

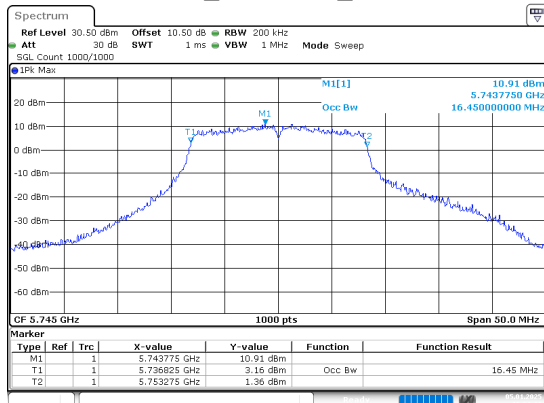
802.11ac160_5250MHz_RU_Full_Chain 1



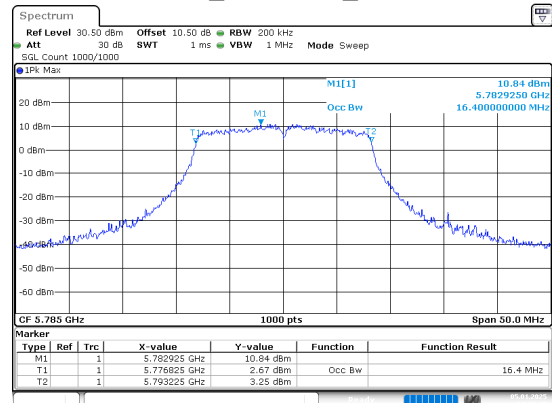
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Date: 5.JAN.2025 10:54:46

5725-5850MHz

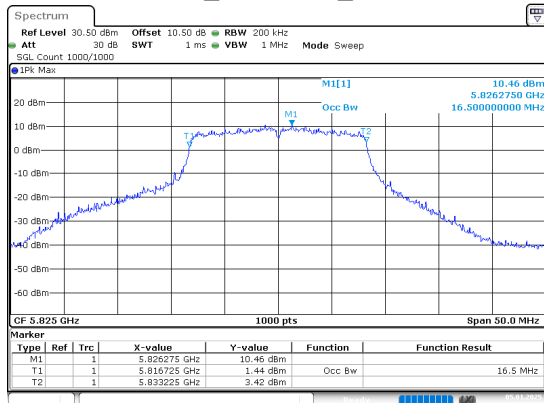
802.11a_5745MHz_Chain 1



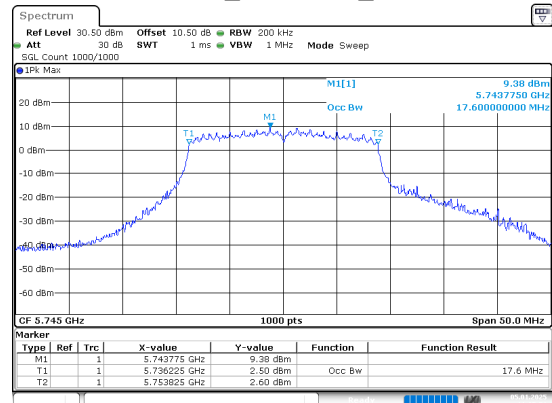
802.11a_5785MHz_Chain 1



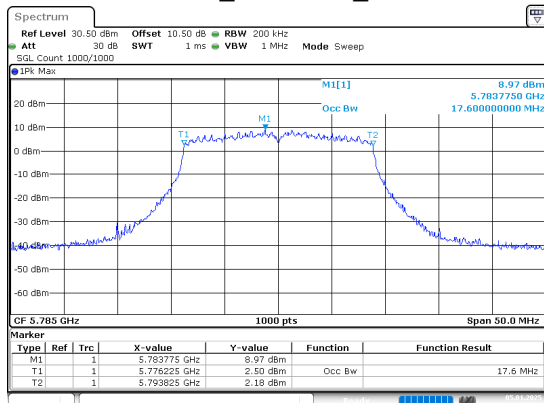
802.11a_5825MHz_Chain 1



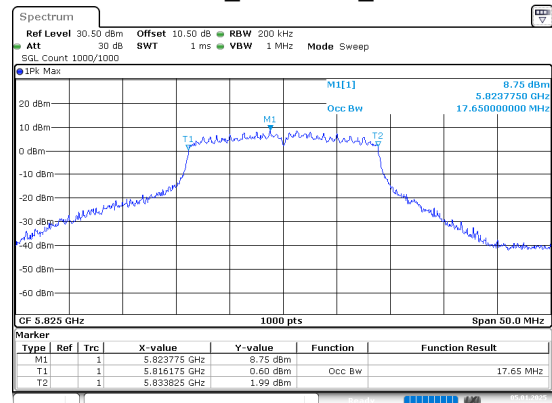
802.11n20_5745MHz_Chain 1



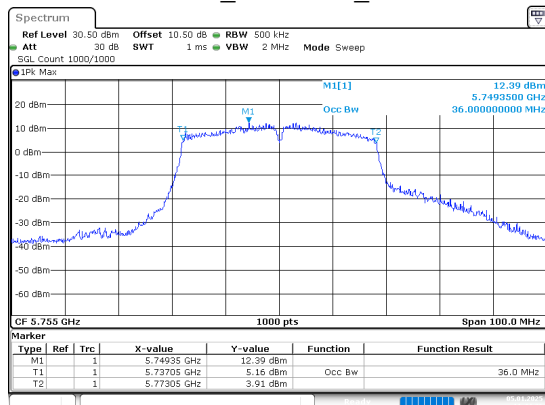
802.11n20_5785MHz_Chain 1



802.11n20_5825MHz_Chain 1

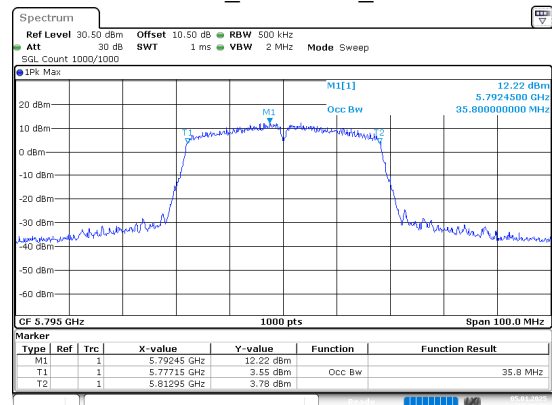


802.11n40_5755MHz_Chain 1



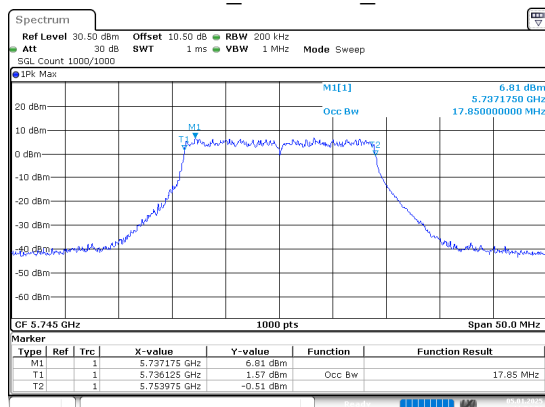
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Date: 5.JAN.2025 11:44:37

802.11n40_5795MHz_Chain 1



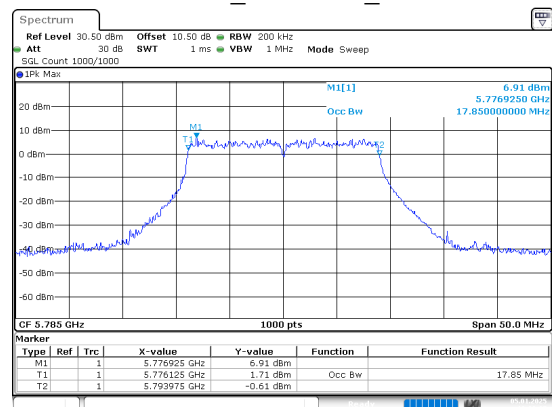
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Date: 5.JAN.2025 11:45:28

802.11ac20_5745MHz_Chain 1



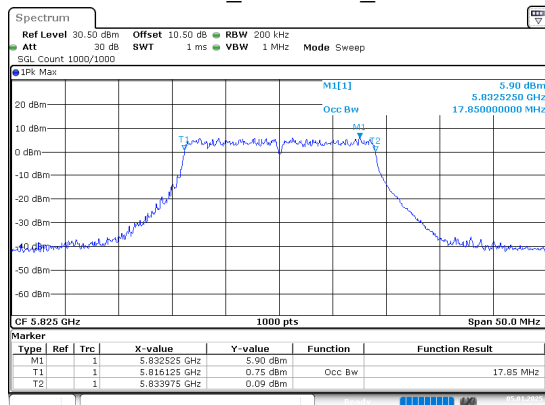
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Date: 5.JAN.2025 11:54:19

802.11ac20_5785MHz_Chain 1



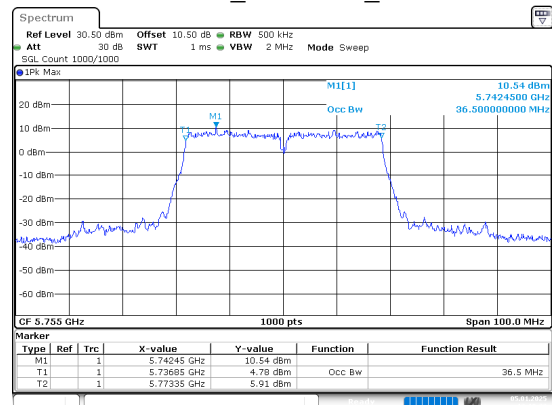
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Date: 5.JAN.2025 12:02:36

802.11ac20_5825MHz_Chain 1



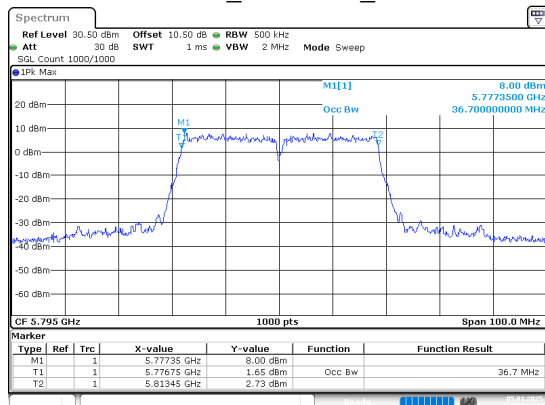
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Date: 5.JAN.2025 11:59:26

802.11ac40_5755MHz_Chain 1



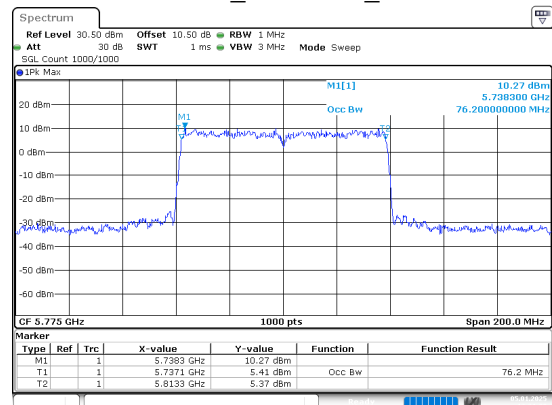
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802.11ac40_5795MHz_Chain 1



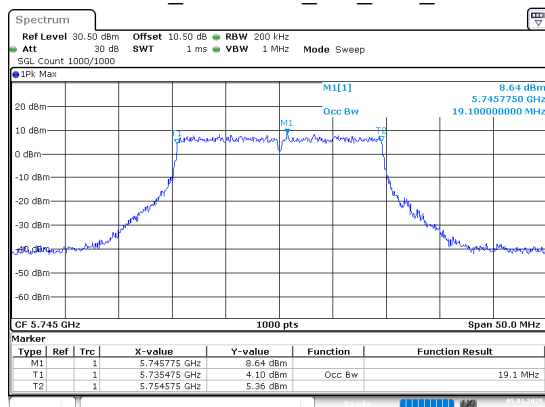
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Date: 5.JAN.2025 13:13:41

802.11ac80_5775MHz_Chain 1



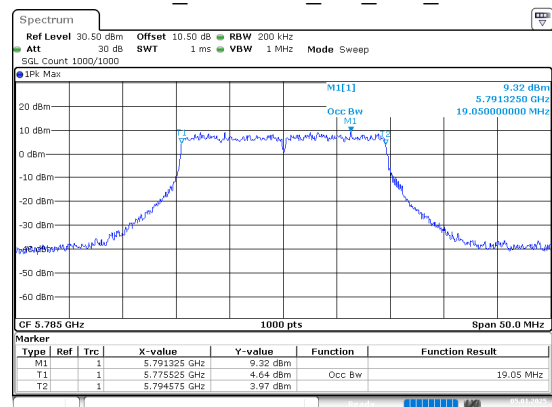
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Date: 5.JAN.2025 13:21:08

802.11ax20_5745MHz_RU_Full_Chain 1



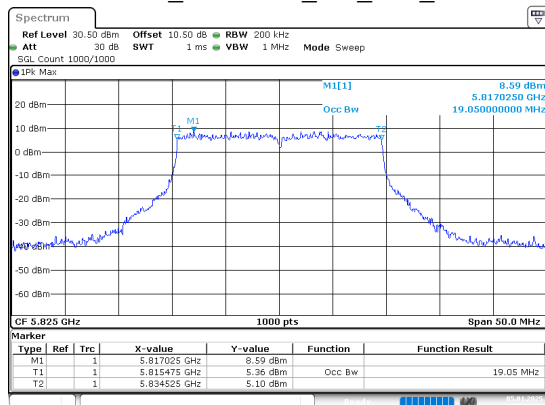
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Date: 5.JAN.2025 13:42:20

802.11ax20_5785MHz_RU_Full_Chain 1



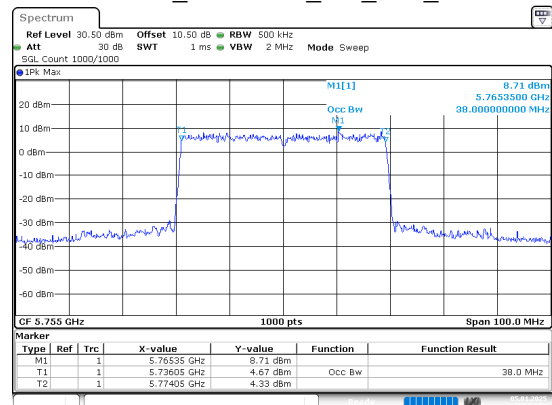
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Date: 5.JAN.2025 16:14:07

802.11ax20_5825MHz_RU_Full_Chain 1



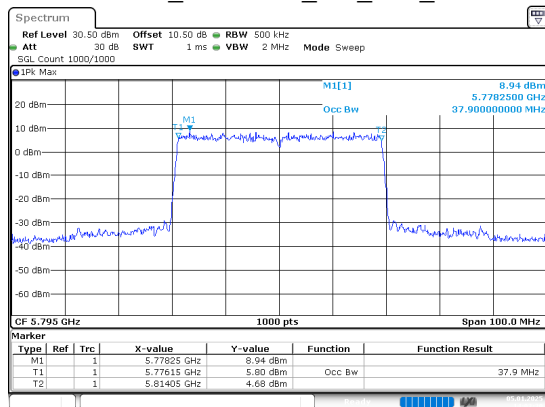
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Date: 5.JAN.2025 16:16:26

802.11ax40_5755MHz_RU_Full_Chain 1



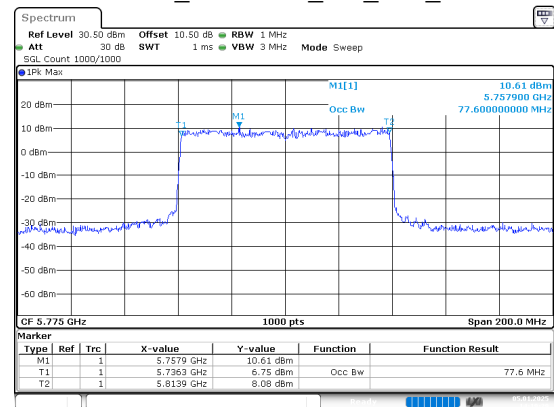
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Date: 5.JAN.2025 14:04:52

802.11ax40_5795MHz_RU_Full_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5-JAN-2025 14:03:29

802.11ax80_5775MHz_RU_Full_Chain 1



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 5-JAN-2025 14:19:29

5.5 Maximum Conducted Output Power

Test Information:

Serial No.:	2V91-1	Test Date:	2025/01/03~2025/03/02
Test Site:	RF	Test Mode:	Transmitting
Tester:	Karl Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	19.2~24.8	Relative Humidity: (%)	26~65	ATM Pressure: (kPa)	100.9~102.4
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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-EM502	2024/06/07	2025/06/06
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2024/8/27	2025/8/26

* 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:

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)				
		Chain 0	Chain 1	Chain 2	Max.Total	Limit
802.11a	5180	18.66	18.56	18.05	/	30
	5200	15.21	18.55	17.93	/	30
	5240	16.21	18.91	18.28	/	30
802.11n ht20	5180	18.04	17.72	18.06	21.06	28
	5200	18.43	17.91	18.07	21.26	28
	5240	15.64	17.44	18.42	20.97	28
802.11n ht40	5190	16.4	15.9	17.12	19.79	28
	5230	16.92	16.77	17.54	20.25	28
802.11ac vht20	5180	15.08	15.39	15.6	18.51	28
	5200	15.43	15.31	15.52	18.49	28
	5240	15.39	15.24	15.78	18.60	28
802.11ac vht40	5190	13.32	13.59	13.98	16.80	28
	5230	13.68	13.42	13.93	16.82	28
802.11ac vht80	5210	11.18	11.65	11.6	14.64	28
802.11ax he20	5180	13.51	14.76	13.6	17.23	28
	5200	13.52	14.63	13.76	17.23	28
	5240	14.16	14.33	13.78	17.26	28
802.11ax he40	5190	8.84	10.17	10.56	13.38	28
	5230	8.87	10.13	10.66	13.41	28
802.11ax he80	5210	10.63	10.47	11.14	13.90	28

Note: The device is an indoor AP.

5250-5350 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)				
		Chain 0	Chain 1	Chain 2	Max.Total	Limit
802.11a	5260	18.93	19.12	19.29	/	24
	5280	19.12	19.02	19.45	/	24
	5320	19.73	16.11	19.15	/	24
802.11n ht20	5260	13.04	12.6	12.78	15.92	22
	5280	13.63	12.49	13.06	16.36	22
	5320	14.23	12.82	12.79	16.59	22
802.11n ht40	5270	14.91	14.82	15.42	18.18	22
	5310	15.69	13.23	15.65	18.68	22
802.11ac vht20	5260	13.59	13.42	15.72	17.79	22
	5280	14.05	13.58	15.67	17.95	22
	5320	15.02	13.9	15.85	18.47	22
802.11ac vht40	5270	15.82	15.36	16.13	18.99	22
	5310	16.35	16.6	16.01	19.49	22
802.11ac vht80	5290	15.54	14.83	17.75	19.79	22
802.11ax he20	5260	13.25	13.39	14.39	16.93	22
	5280	12.34	13.64	14.27	16.98	22
	5320	13.28	14.44	14.52	17.49	22
802.11ax he40	5270	18.02	17.42	18.84	21.46	22
	5310	17.16	18.2	18.53	21.38	22
802.11ax he80	5290	17.63	18.21	18.35	21.29	22

5150-5250MHz&5250-5350MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)				
		Chain 0	Chain 1	Chain 2	Max.Total	Limit
802.11ac vht160	5250	11.16	11.1	11.26	14.22	22
802.11ax he160	5250	16.31	14.75	14.65	18.61	22

5725-5850 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)				
		Chain 0	Chain 1	Chain 2	Max.Total	Limit
802.11a	5745	17.94	20.15	19.55	/	30
	5785	17.4	20.44	19.78	/	30
	5825	17.02	19.71	19.23	/	30
802.11n ht20	5745	17.52	18.69	18.03	21.38	27.85
	5785	17.38	18.6	18.03	21.33	27.85
	5825	17.13	17.93	17.72	20.84	27.85
802.11n ht40	5755	18.13	19.23	18.06	21.73	27.85
	5795	18.13	19.11	18.44	21.80	27.85
802.11ac vht20	5745	15.31	17.22	16.05	19.68	27.85
	5785	15.45	16.93	16.14	19.56	27.85
	5825	15.08	16.78	15.91	19.38	27.85
802.11ac vht40	5755	16.11	18.42	16.49	20.57	27.85
	5795	16.19	17.16	16.45	19.83	27.85
802.11ac vht80	5775	17.46	18.76	17.97	21.39	27.85
802.11ax he20	5745	17.96	18.42	18.48	21.46	27.85
	5785	18.37	19.19	18.22	21.81	27.85
	5825	18.26	18.62	18.23	21.45	27.85
802.11ax he40	5755	16.23	17.06	16.33	19.72	27.85
	5795	16.62	17.01	16.11	19.83	27.85
802.11ax he80	5775	17.72	18.79	17.84	21.35	27.85

5.6 Power Spectral Density

Test Information:

Serial No.:	2V91-1	Test Date:	2025/01/03~2025/04/11
Test Site:	RF	Test Mode:	Transmitting
Tester:	Karl Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	19.0~25.8	Relative Humidity: (%)	26~68	ATM Pressure: (kPa)	100.0~102.4
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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-EM502	2024/06/07	2025/06/06
R&S	Spectrum Analyzer	FSV40	101461	2024/09/05	2025/09/04

* 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:

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)					
		Chain 0	Chain 1	Chain 2	Duty Cycle Factor (dB)	Max.PSD	Limit
802.11a	5180	7.67	7.62	7.33	0.61	8.28	17
	5200	4.33	8.05	7.35	0.61	8.66	17
	5240	5.58	8.04	7.91	0.61	8.65	17
802.11n ht20	5180	6.54	6.21	6.51	1.18	10.72	15
	5200	7.16	6.91	6.11	1.18	11.23	15
	5240	4.14	6.34	6.87	1.18	10.80	15
802.11n ht40	5190	2.38	0.97	2.76	2.04	7.62	15
	5230	2.38	2.23	2.84	2.04	7.67	15
802.11ac vht20	5180	4.62	4.86	5.39	0.15	8.29	15
	5200	5.96	5.24	5.3	0.15	8.80	15
	5240	5.12	5.12	6.06	0.15	8.78	15
802.11ac vht40	5190	2.31	2.71	1.76	0.29	5.81	15
	5230	2.42	1.91	1.3	0.29	5.47	15
802.11ac vht80	5210	-5.66	-4.84	-5.82	0.55	-1.67	15
802.11ax he20	5180	2.26	2.74	2.38	0.15	5.72	15
	5200	2.23	3.85	2.74	0.15	6.49	15
	5240	1.67	2.73	2.99	0.15	6.02	15
802.11ax he40	5190	-3.83	-4.74	-3.93	0.15	-0.72	15
	5230	-4.07	-4.46	-4.16	0.15	-0.95	15
802.11ax he80	5210	-5.54	-5.32	-5.38	0.73	-1.61	15
Note: The device is a Indoor AP.							

5250-5350 MHz:

Test Modes	Test Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)					
		Chain 0	Chain 1	Chain 2	Duty Cycle Factor (dB)	Max.PSD	Limit
802.11a	5260	8.02	8.42	8.85	0.61	9.46	11
	5280	8.87	8.33	8.9	0.61	9.51	11
	5320	8.76	5.55	8.18	0.61	9.37	11
802.11n ht20	5260	1.89	1.24	1.15	1.18	5.77	9
	5280	2.33	1.75	1.78	1.18	6.25	9
	5320	3.23	1.14	1.23	1.18	6.53	9
802.11n ht40	5270	0.43	-0.62	0.57	2.04	5.55	9
	5310	1.42	-1.53	1.34	2.04	6.43	9
802.11ac vht20	5260	4.62	4.03	4.63	0.15	7.79	9
	5280	4.95	4.8	4.47	0.15	8.04	9
	5320	4.04	3.71	3.39	0.15	7.04	9
802.11ac vht40	5270	2.91	3.07	3.06	0.29	6.37	9
	5310	3.6	2.54	2.82	0.29	6.53	9
802.11ac vht80	5290	2.81	2.86	3.3	0.55	6.65	9
802.11ax he20	5260	3.67	3.76	3.31	0.15	6.88	9
	5280	3.34	3.73	3.47	0.15	6.76	9
	5320	3.23	3.78	3.07	0.15	6.67	9
802.11ax he40	5270	4.88	3.88	3.78	0.15	7.57	9
	5310	3.94	3.22	3.95	0.15	7.11	9
802.11ax he80	5290	1.73	1.32	1.2	0.73	5.27	9

5150-5250MHz&5250-5350MHz:

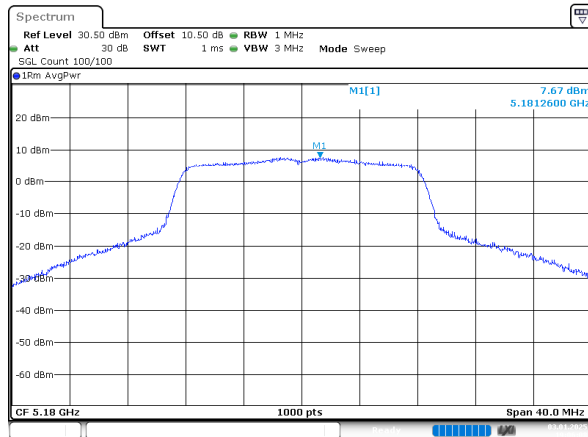
Test Modes	Test Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)					
		Chain 0	Chain 1	Chain 2	Duty Cycle Factor (dB)	Max.PSD	Limit
802.11ac vht160	5250	0.92	-9.33	-8.91	0.56	1.91	9
802.11ax he160	5250	3.72	-4.26	-4.64	0.57	4.93	9

5725-5850 MHz:

Test Modes	Test Frequency (MHz)	Maximum Power Spectral Density (dBm/500kHz)					
		Chain 0	Chain 1	Chain 2	Duty Cycle Factor (dB)	Max.PSD	Limit
802.11a	5745	4.63	6.8	6.12	0.61	7.41	30
	5785	3.99	6.91	5.98	0.61	7.52	30
	5825	3.54	6.45	6.07	0.61	7.06	30
802.11n ht20	5745	3.13	4.17	3.42	1.18	8.00	27.85
	5785	3.12	4.68	3.78	1.18	8.44	27.85
	5825	2.73	3.38	3.91	1.18	7.84	27.85
802.11n ht40	5755	0.91	2.02	0.47	2.04	6.55	27.85
	5795	1.26	1.74	0.93	2.04	6.56	27.85
802.11ac vht20	5745	2.68	2.75	3.44	0.15	6.27	27.85
	5785	2.76	3.08	3.62	0.15	6.52	27.85
	5825	2.47	2.21	3.11	0.15	5.96	27.85
802.11ac vht40	5755	1.66	2.63	1.36	0.29	5.47	27.85
	5795	1.75	1.92	1.14	0.29	5.14	27.85
802.11ac vht80	5775	0.67	1.73	0.73	0.55	4.82	27.85
802.11ax he20	5745	5.34	4.85	4.27	0.15	8.26	27.85
	5785	4.94	5.21	4.41	0.15	8.24	27.85
	5825	4.9	4.85	4.3	0.15	8.04	27.85
802.11ax he40	5755	0.34	0.56	0.74	0.15	3.81	27.85
	5795	0.07	-0.08	0.9	0.15	3.67	27.85
802.11ax he80	5775	-0.7	-1.69	-1.1	0.73	2.84	27.85

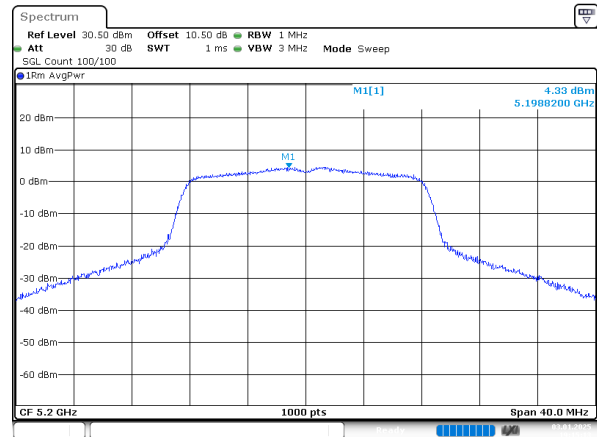
5150-5250MHz

802.11a_5180MHz_Chain 0



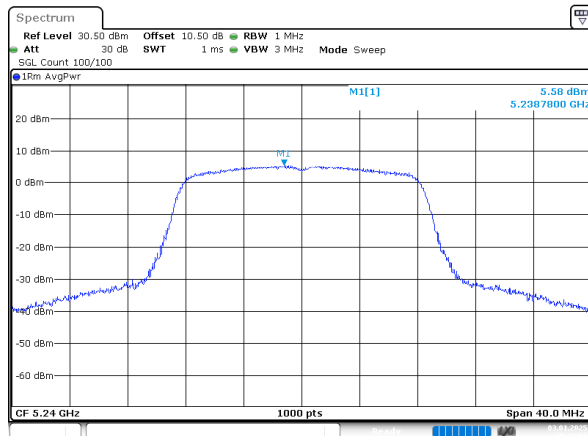
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Date: 3.JAN.2025 19:06:08

802.11a_5200MHz_Chain 0



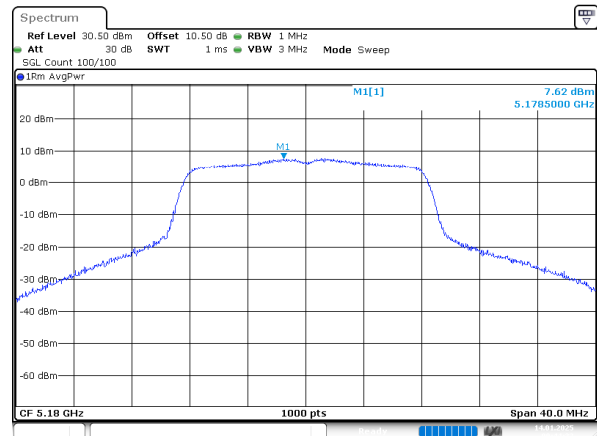
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802.11a_5240MHz_Chain 0



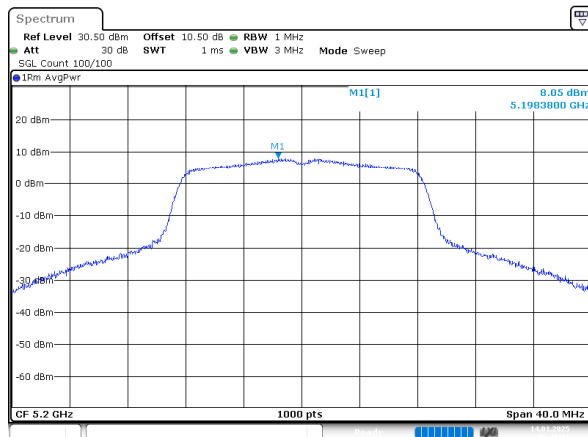
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Date: 3.JAN.2025 19:13:56

802.11a_5180MHz_Chain 1



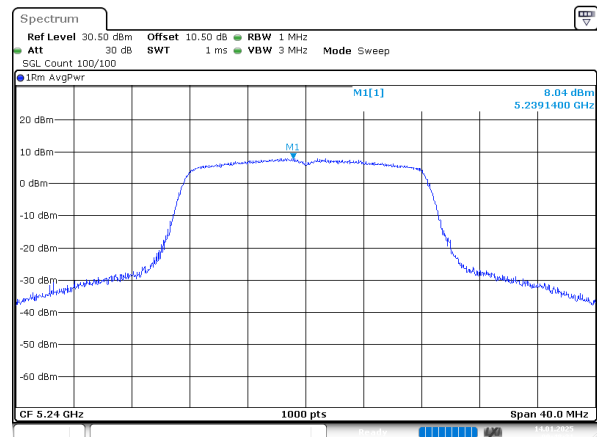
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Date: 14.JAN.2025 00:44:32

802.11a_5200MHz_Chain 1



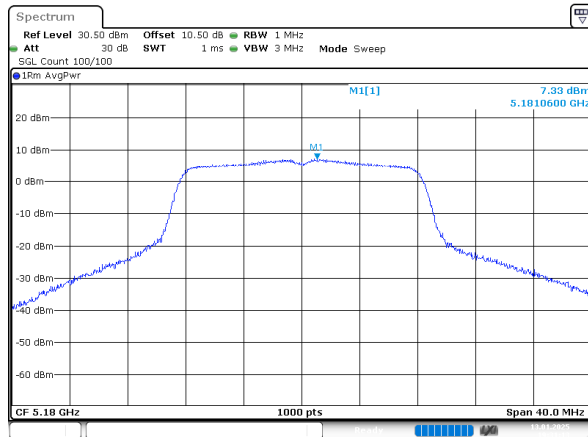
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Date: 14.JAN.2025 00:46:31

802.11a_5240MHz_Chain 1



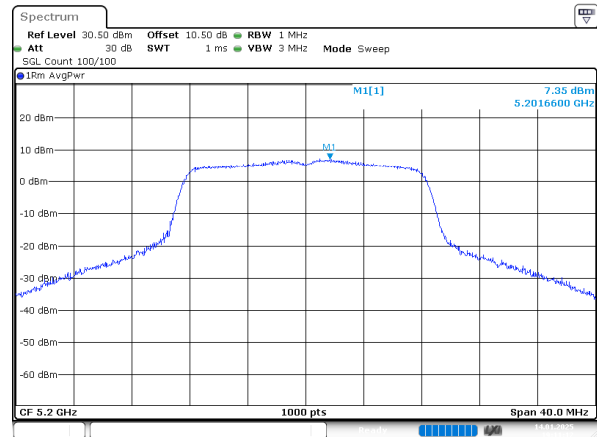
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802.11a_5180MHz_Chain 2



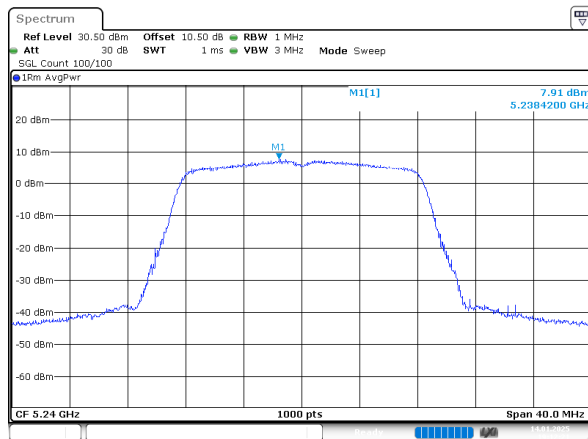
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Date: 13.JAN.2025 19:31:14

802.11a_5200MHz_Chain 2



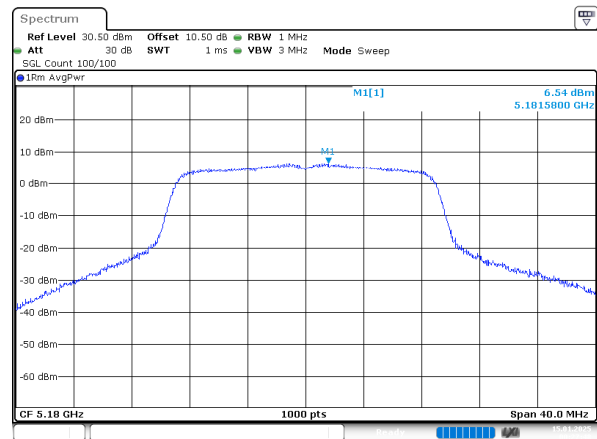
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Date: 14.JAN.2025 19:11:12

802.11a_5240MHz_Chain 2



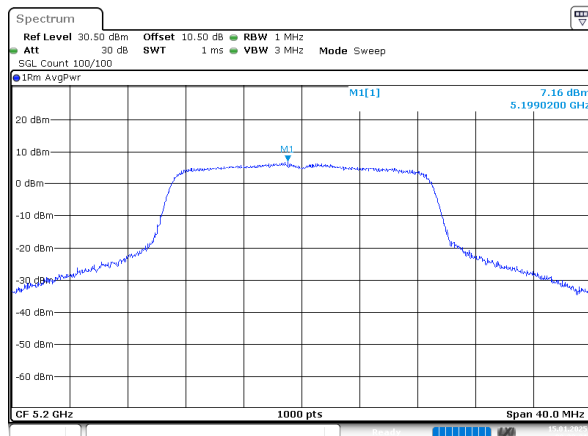
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Date: 14.JAN.2025 19:12:21

802.11n20_5180MHz_Chain 0



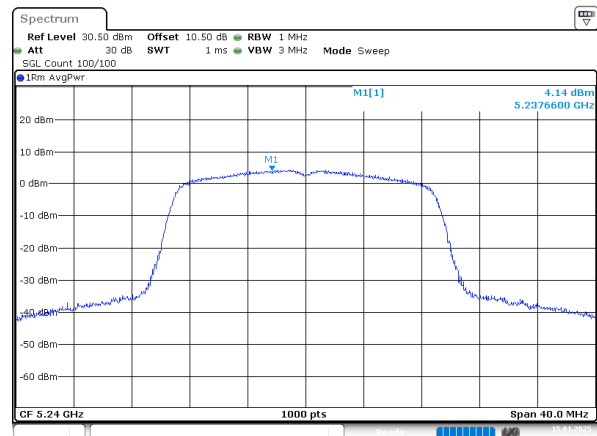
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Date: 15.JAN.2025 00:27:49

802.11n20_5200MHz_Chain 0



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 15.JAN.2025 00:29:21

802.11n20_5240MHz_Chain 0



ProjectNo.:2402Z107520E-RF Tester:Karl Liang
Date: 15.JAN.2025 00:38:16