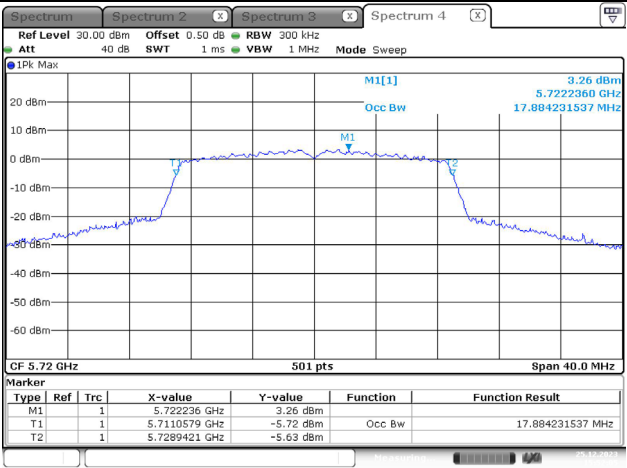
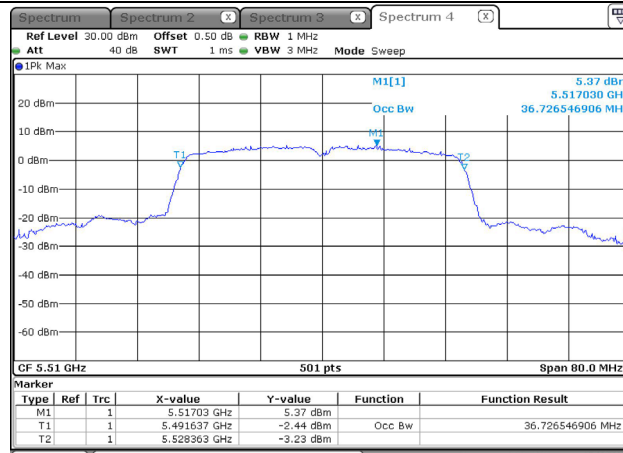
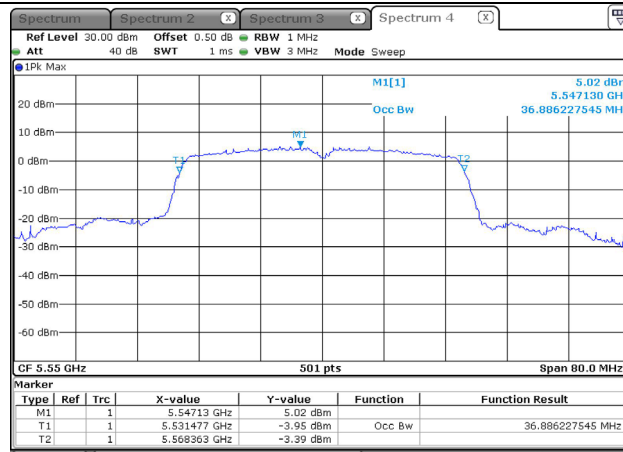
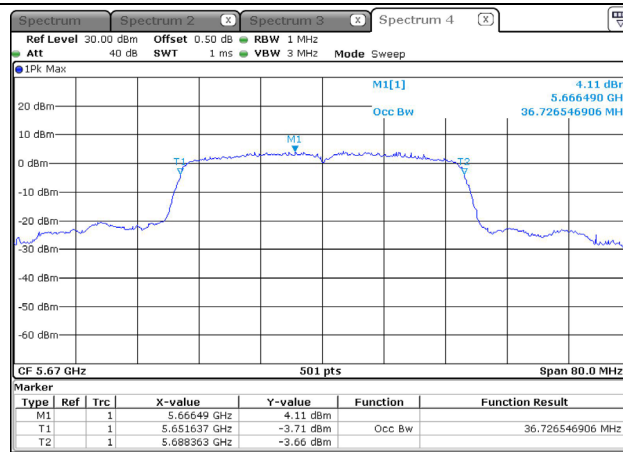


cross_5720MHz

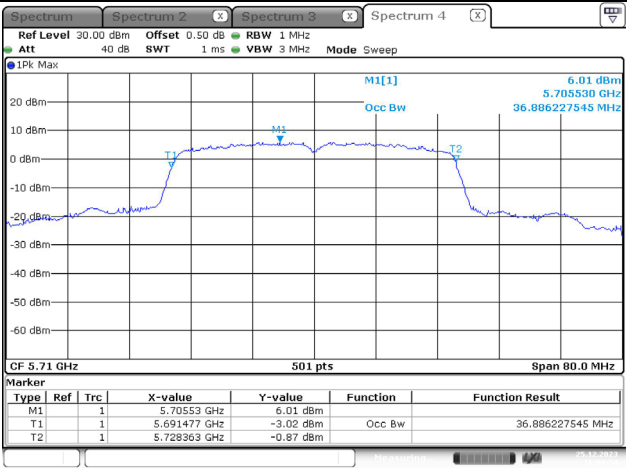


ProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:52:04

99% Emission Bandwidth

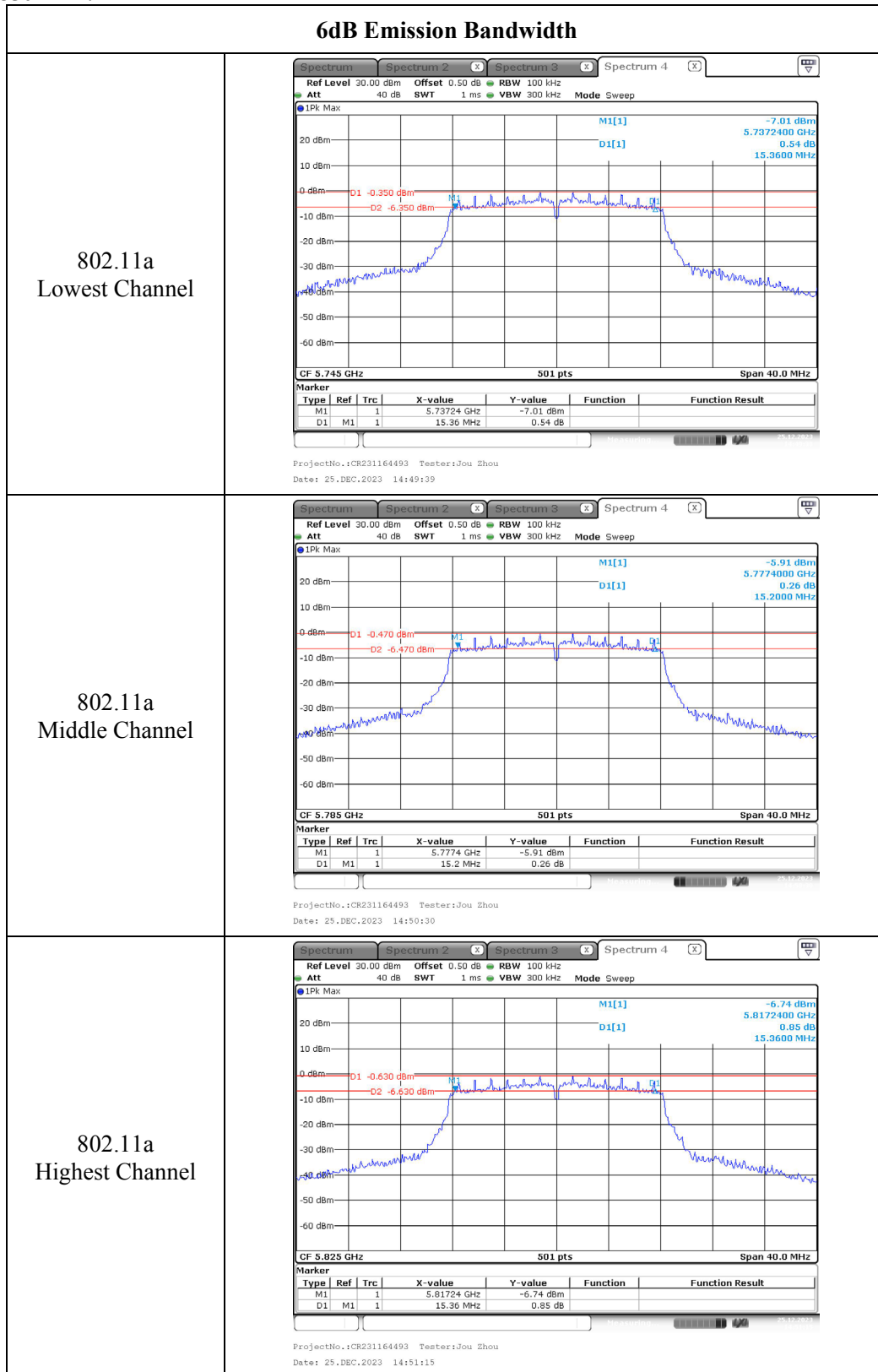
802.11n ht40
Lowest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:59:43802.11n ht40
Middle ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 16:07:06802.11n ht40
Highest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 16:08:00

cross_5710MHz

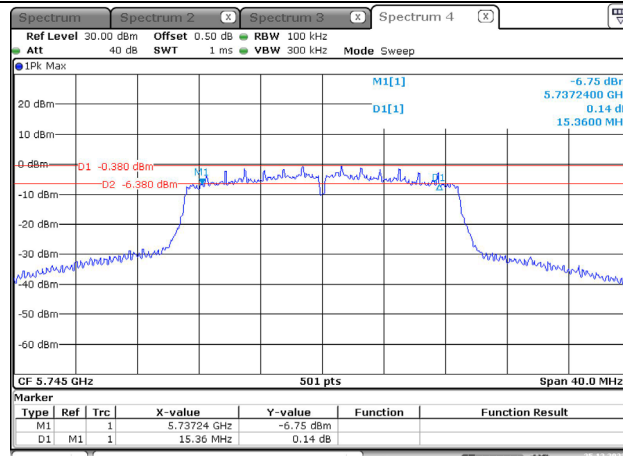
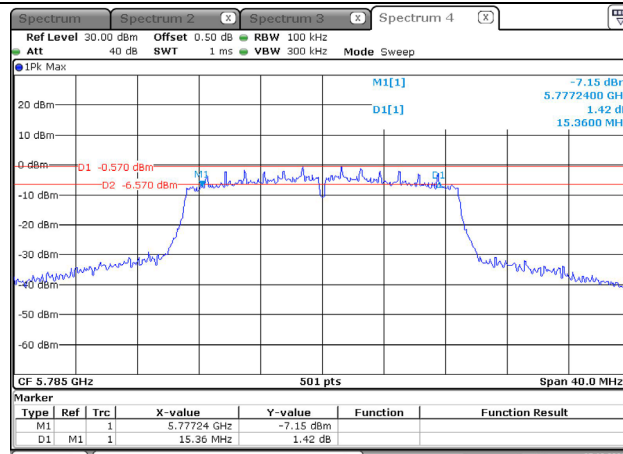
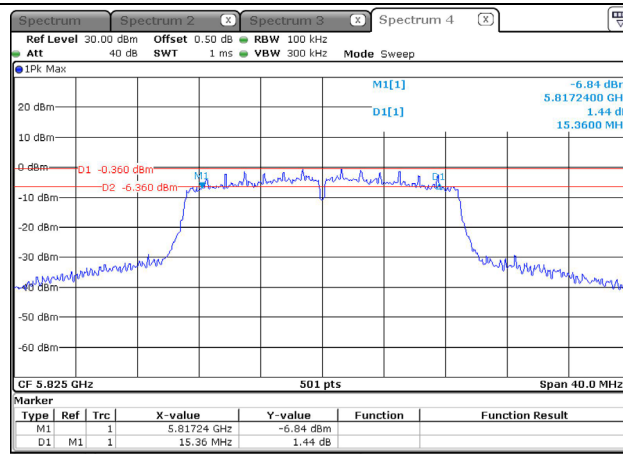


ProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 16:09:23

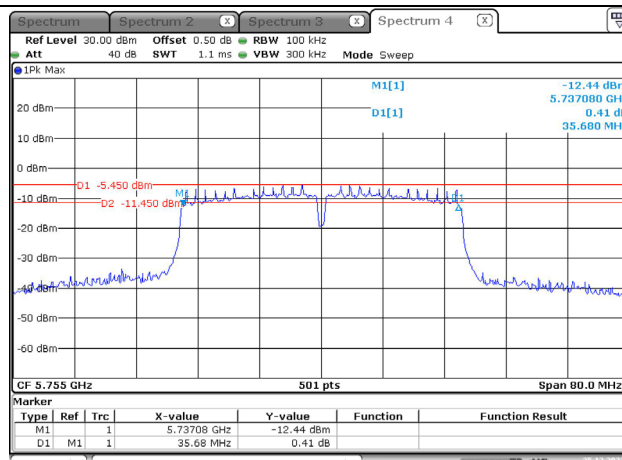
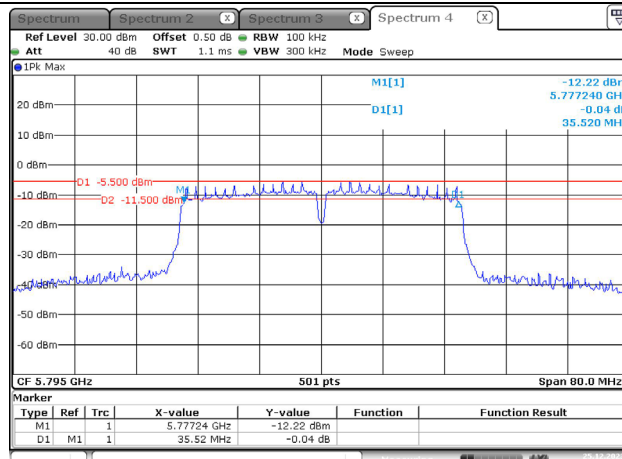
5725-5850MHz:



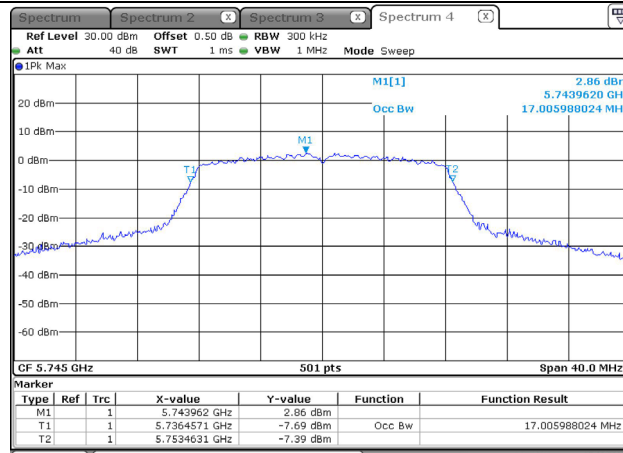
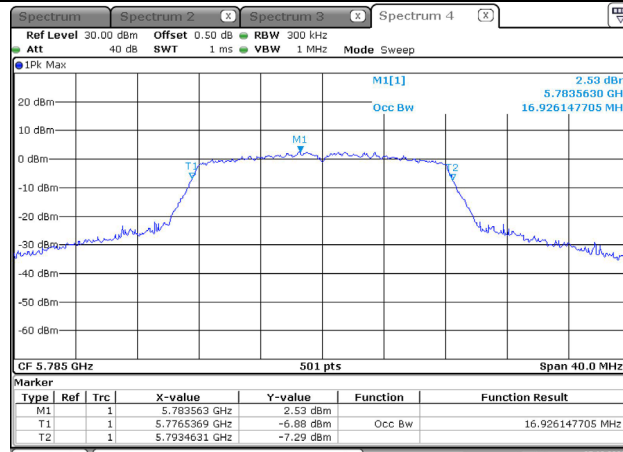
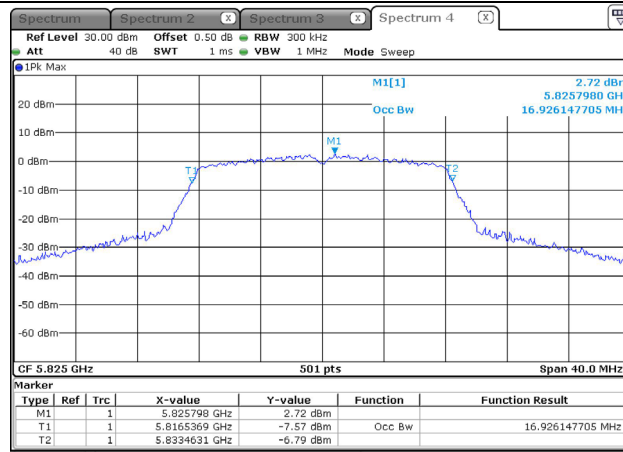
6dB Emission Bandwidth

802.11n ht20
Lowest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 14:55:29802.11n ht20
Middle ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 14:56:23802.11n ht20
Highest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 14:58:41

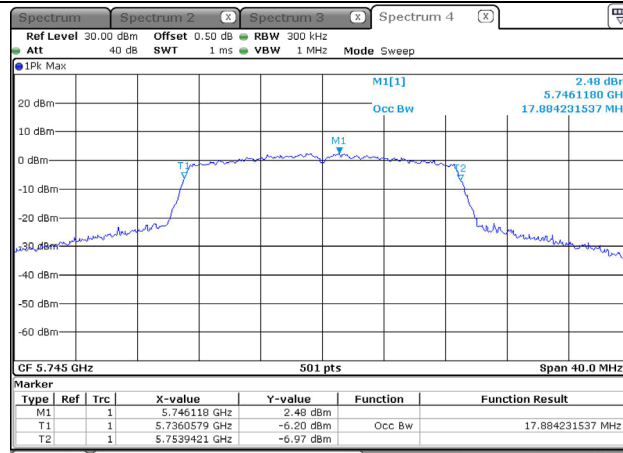
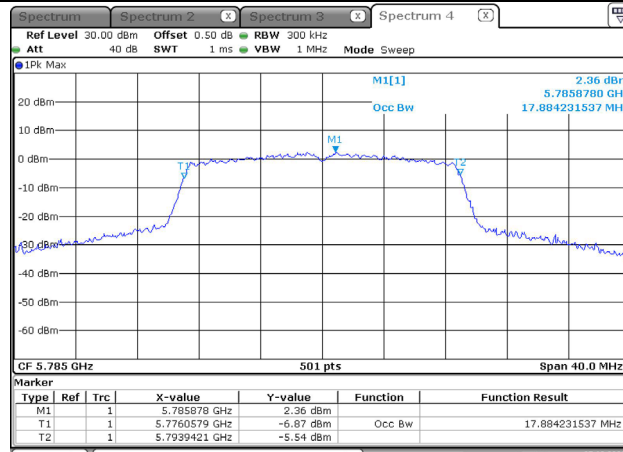
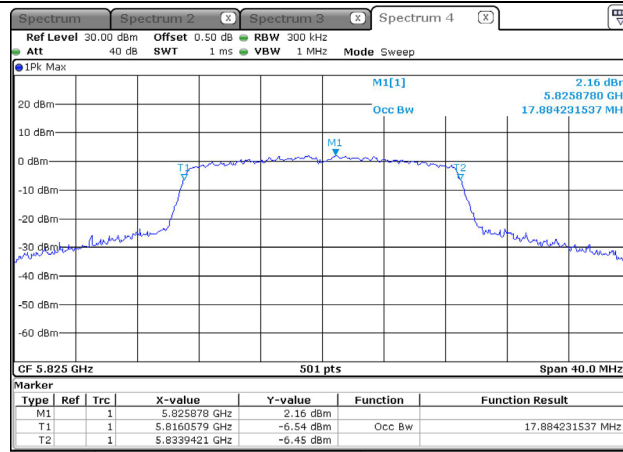
6dB Emission Bandwidth

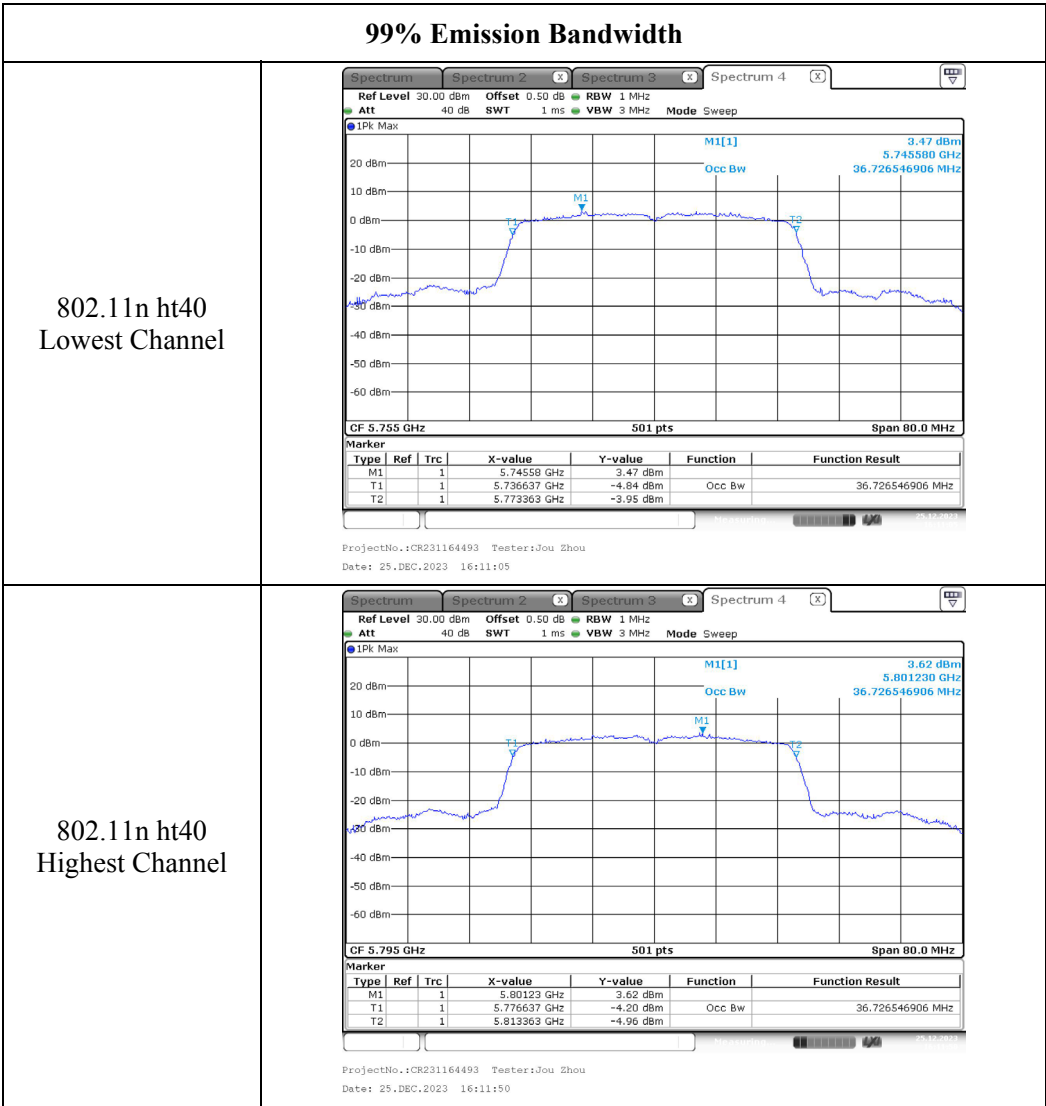
802.11n ht40
Lowest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:00:13802.11n ht40
Highest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:01:11

99% Emission Bandwidth

802.11a
Lowest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:35:15802.11a
Middle ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:36:25802.11a
Highest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:37:06

99% Emission Bandwidth

802.11n ht20
Lowest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:53:21802.11n ht20
Middle ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:54:11802.11n ht20
Highest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 15:54:58



4.4 Maximum Conducted Output Power

Serial Number:	2D1L-2	Test Date:	2023/12/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jou Zhou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.6	Relative Humidity: (%)	31	ATM Pressure: (kPa)	102.2
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Anritsu	Power Meter	ML2495A	1106009	2023/8/4	2024/8/3
Anritsu	Pulse Power Sensor	MA2411A	10780	2023/8/4	2024/8/3
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (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)	
		Result	Limit
802.11a	5180	13.46	24
	5200	13.55	24
	5240	13.23	24
802.11n ht20	5180	13.59	24
	5200	13.32	24
	5240	13.42	24
802.11n ht40	5190	12.36	24
	5230	12.42	24
Note: The device is a client device.			

5250-5350 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5260	13.34	24
	5280	12.94	24
	5320	12.93	24
802.11n ht20	5260	13.05	24
	5280	13.02	24
	5320	13.00	24
802.11n ht40	5270	11.19	24
	5310	11.11	24

5470-5725 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5500	12.23	24
	5580	11.35	24
	5700	10.22	24
	5720	10.05	24
802.11n ht20	5500	11.88	24
	5580	10.86	24
	5700	9.55	24
	5720	9.46	24
802.11n ht40	5510	9.85	24
	5550	9.38	24
	5670	8.05	24
	5710	7.75	24

5725-5850 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5745	8.73	30
	5785	8.68	30
	5825	8.74	30
802.11n ht20	5745	8.88	30
	5785	8.67	30
	5825	8.83	30
802.11n ht40	5755	6.93	30
	5795	6.75	30

4.5 Maximum Power Spectral Density

Serial Number:	2D1L-2	Test Date:	2023/12/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jou Zhou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.6	Relative Humidity: (%)	31	ATM Pressure: (kPa)	102.2
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2023/3/31	2024/3/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

Please refer to the below table and plots.

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/MHz)	
				Result	Limit
802.11a	5180	3.48	/	3.48	11
	5200	3.4	/	3.40	11
	5240	3.45	/	3.45	11
802.11n ht20	5180	2.8	/	2.80	11
	5200	3.06	/	3.06	11
	5240	3.04	/	3.04	11
802.11n ht40	5190	-1.62	0.17	-1.45	11
	5230	-1.68	0.17	-1.51	11

Note: The device is a client device.

Method SA-1 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for 802.11a /802.11n ht20 modes PSD test, Method SA-2 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for 802.11n ht40 mode PSD test.

5250-5350 MHz:

Test Modes	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/MHz)	
				Result	Limit
802.11a	5260	3.22	/	3.22	11
	5280	2.82	/	2.82	11
	5320	3.05	/	3.05	11
802.11n ht20	5260	2.84	/	2.84	11
	5280	2.86	/	2.86	11
	5320	2.60	/	2.60	11
802.11n ht40	5270	-2.76	0.17	-2.59	11
	5310	-2.82	0.17	-2.65	11

Note: Method SA-1 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for 802.11a /802.11n ht20 modes PSD test, Method SA-2 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for 802.11n ht40 mode PSD test.

5470-5725 MHz:

Test Modes	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/MHz)	
				Result	Limit
802.11a	5500	1.92	/	1.92	11
	5580	1.28	/	1.28	11
	5700	0.44	/	0.44	11
	5720	0.41	/	0.41	11
802.11n ht20	5500	1.63	/	1.63	11
	5580	1.08	/	1.08	11
	5700	0.29	/	0.29	11
	5720	0.12	/	0.12	11
802.11n ht40	5510	-3.92	0.17	-3.75	11
	5550	-4.1	0.17	-3.93	11
	5670	-5.23	0.17	-5.06	11
	5710	-5.37	0.17	-5.20	11

Note: Method SA-1 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for 802.11a /802.11n ht20 modes PSD test, Method SA-2 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for 802.11n ht40 mode PSD test.

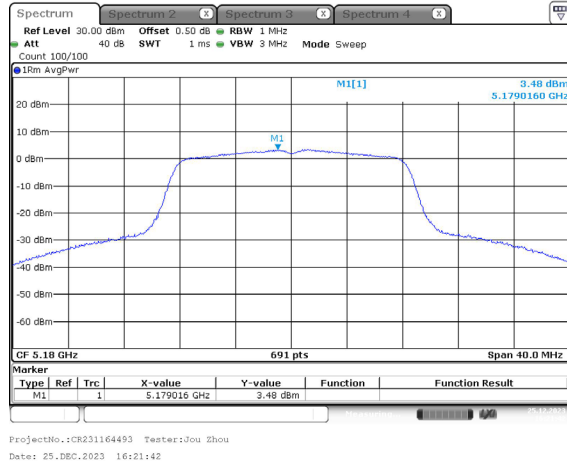
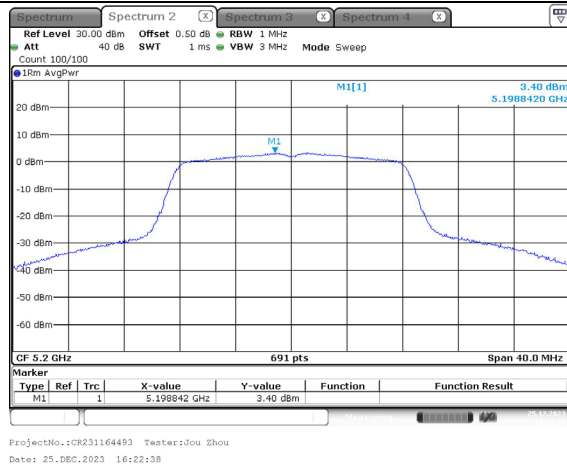
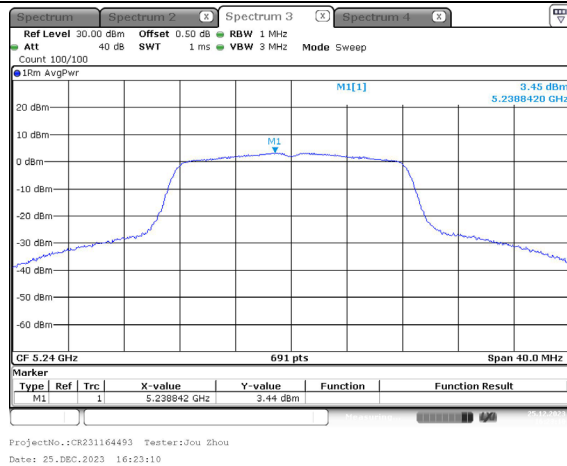
5725-5850 MHz:

Test Modes	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/500kHz)	
				Result	Limit
802.11a	5745	-3.26	/	-3.26	30
	5785	-3.34	/	-3.34	30
	5825	-3.27	/	-3.27	30
802.11n ht20	5745	-3.41	/	-3.41	30
	5785	-3.54	/	-3.54	30
	5825	-3.52	/	-3.52	30
802.11n ht40	5755	-9.14	0.17	-8.97	30
	5795	-9.15	0.17	-8.98	30

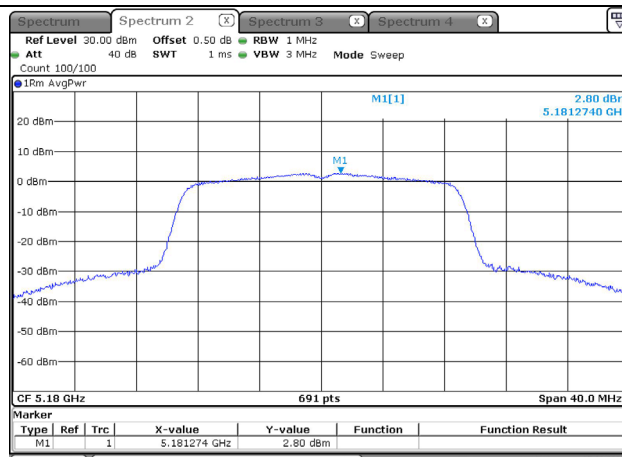
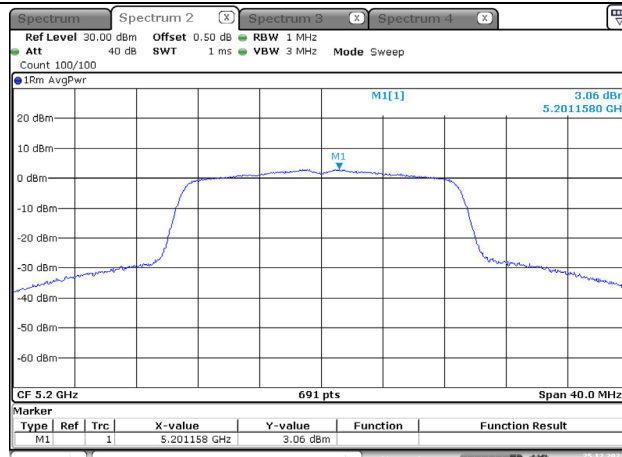
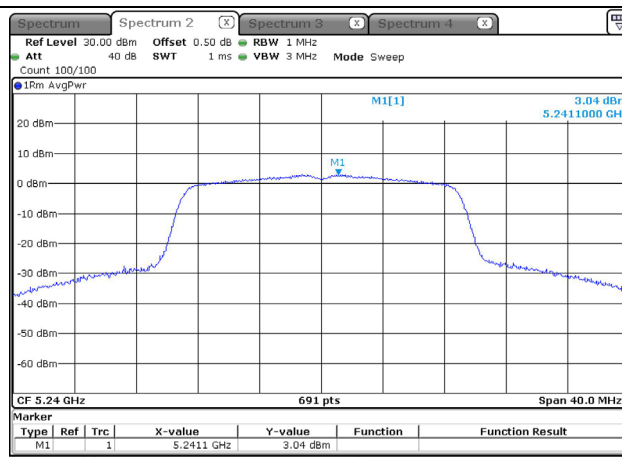
Note: Method SA-1 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for 802.11a /802.11n ht20 modes PSD test, Method SA-2 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for 802.11n ht40 mode PSD test.

5150-5250MHz:

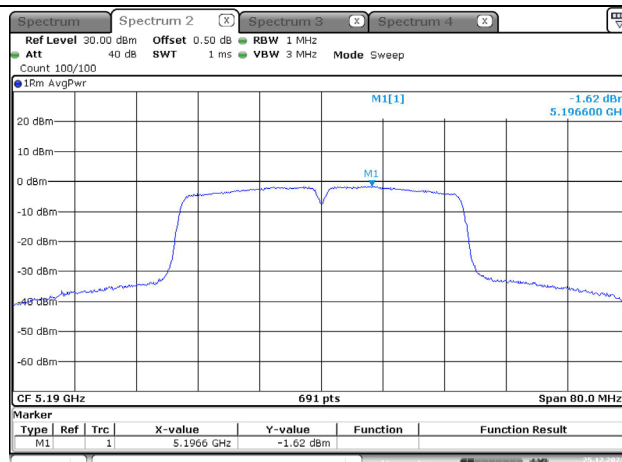
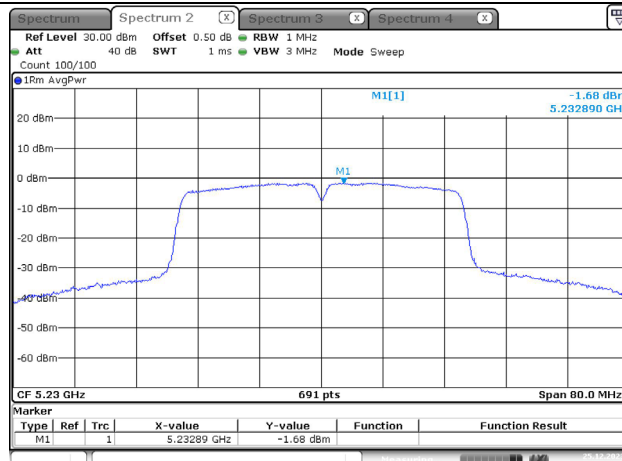
Maximum power spectral density

802.11a
Lowest Channel802.11a
Middle Channel802.11a
Highest Channel

Maximum power spectral density

802.11n ht20
Lowest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 16:40:11802.11n ht20
Middle ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 16:40:54802.11n ht20
Highest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 16:41:25

Maximum power spectral density

802.11n ht40
Lowest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 16:51:01802.11n ht40
Highest ChannelProjectNo.:CR231164493 Tester:Jou Zhou
Date: 25.DEC.2023 16:51:50