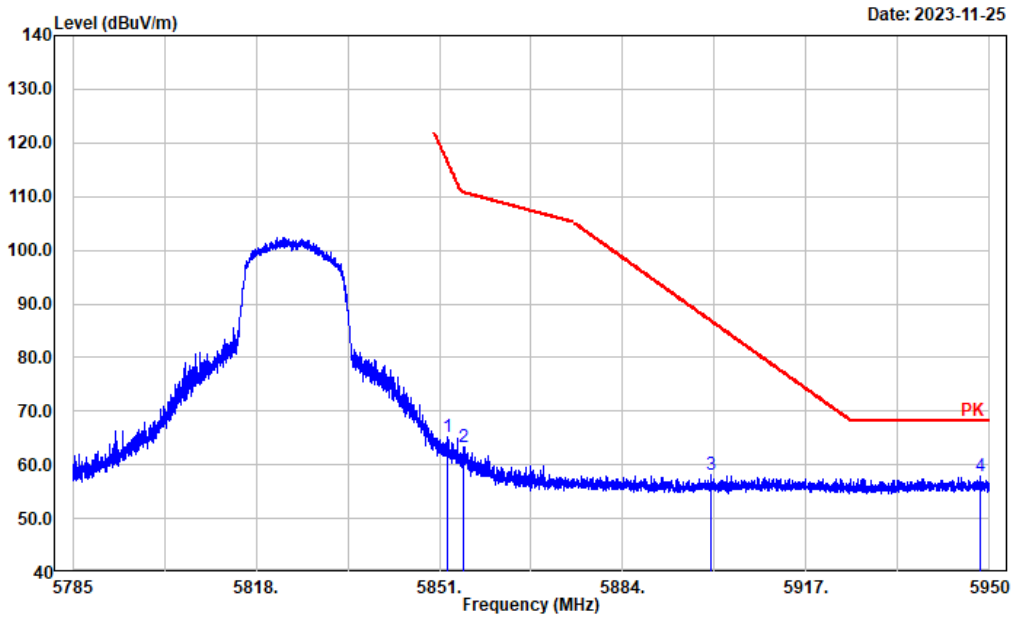
802.11n ht20			
Test Channel:	**5785-5950MHz**	**Ant. Polar. :**	**Horizontal**

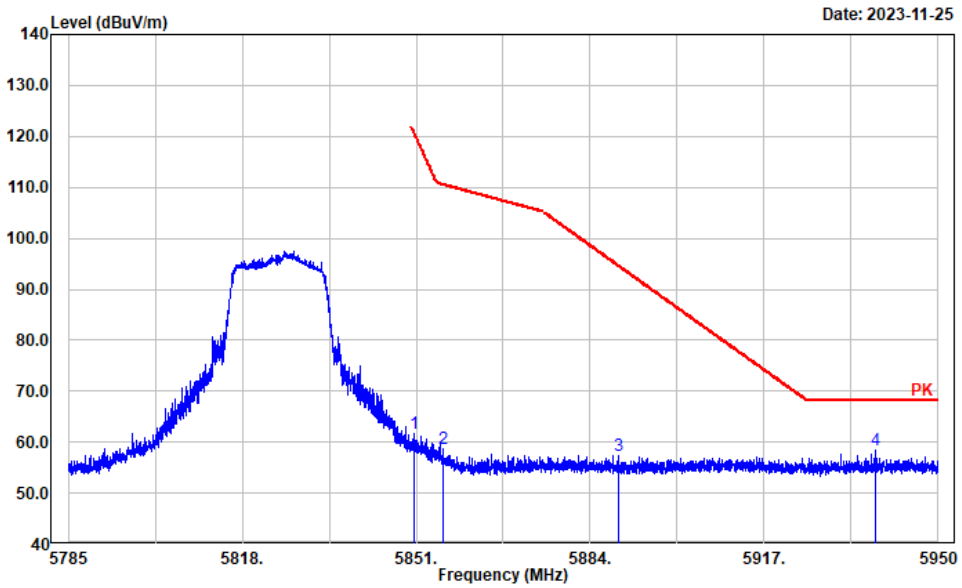
```
Project No.: CR231061506-RF
     Tester: Tao Zhu
Polarization: Horizontal
       Note: 802.11n ht20 Mode High Channel
```



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.367	52.35	12.78	65.13	116.80	51.67	Peak
2	5855.271	50.50	12.80	63.30	110.72	47.42	Peak
3	5899.830	45.11	13.02	58.13	86.79	28.66	Peak
4	5948.350	44.73	13.03	57.76	68.20	10.44	Peak

802.11n ht20			
Test Channel:	**5785-5950MHz**	**Ant. Polar. :**	**Vertical**

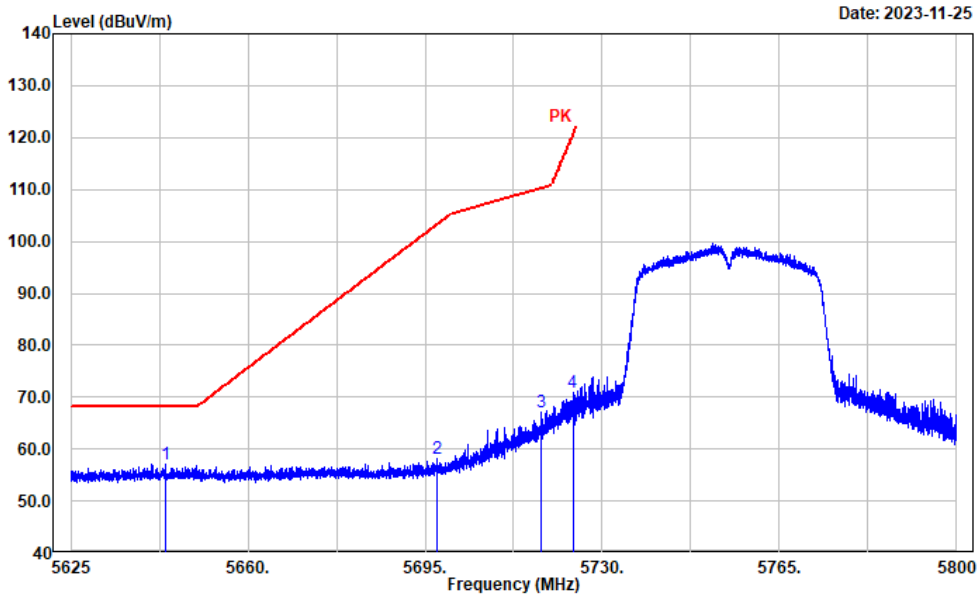
Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Vertical
Note: 802.11n ht20 Mode High Channel



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.716	48.91	12.77	61.68	120.57	58.89	Peak
2	5856.129	45.79	12.80	58.59	110.48	51.89	Peak
3	5889.367	44.50	12.97	57.47	94.54	37.07	Peak
4	5937.986	45.40	13.03	58.43	68.20	9.77	Peak

802.11n ht40			
Test Channel:	**5625-5800MHz**	**Ant. Polar. :**	**Horizontal**

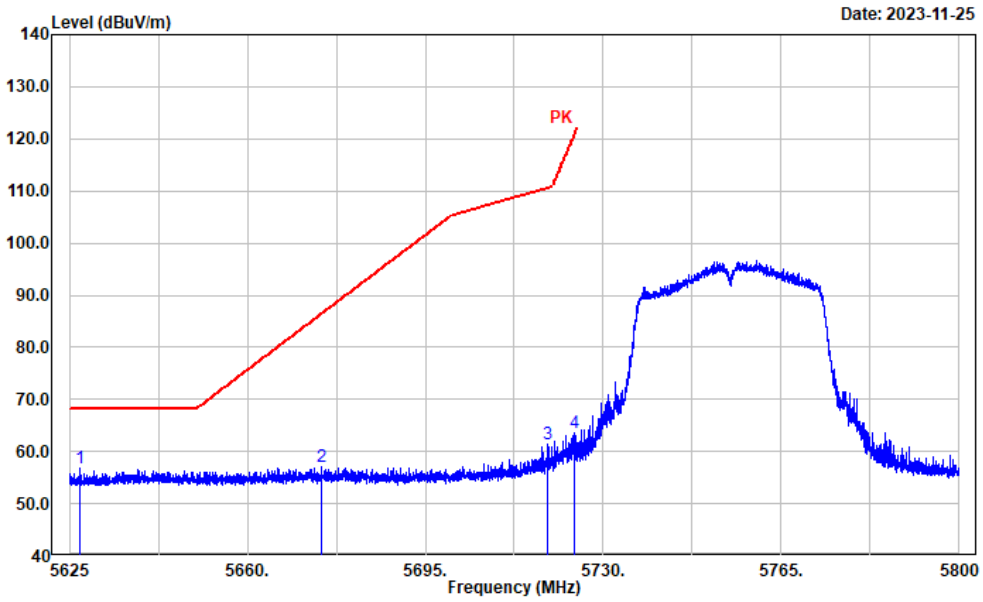
```
Project No.: CR231061506-RF
     Tester: Tao Zhu
Polarization: Horizontal
       Note: 802.11n ht40 Mode Low Channel
```



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5643.729	44.87	12.29	57.16	68.20	11.04	Peak
2	5697.325	45.64	12.54	58.18	103.23	45.05	Peak
3	5717.838	54.40	12.57	66.97	110.20	43.23	Peak
4	5724.175	58.25	12.57	70.82	120.32	49.50	Peak

802.11n ht40			
Test Channel:	**5625-5800MHz**	**Ant. Polar. :**	**Vertical**

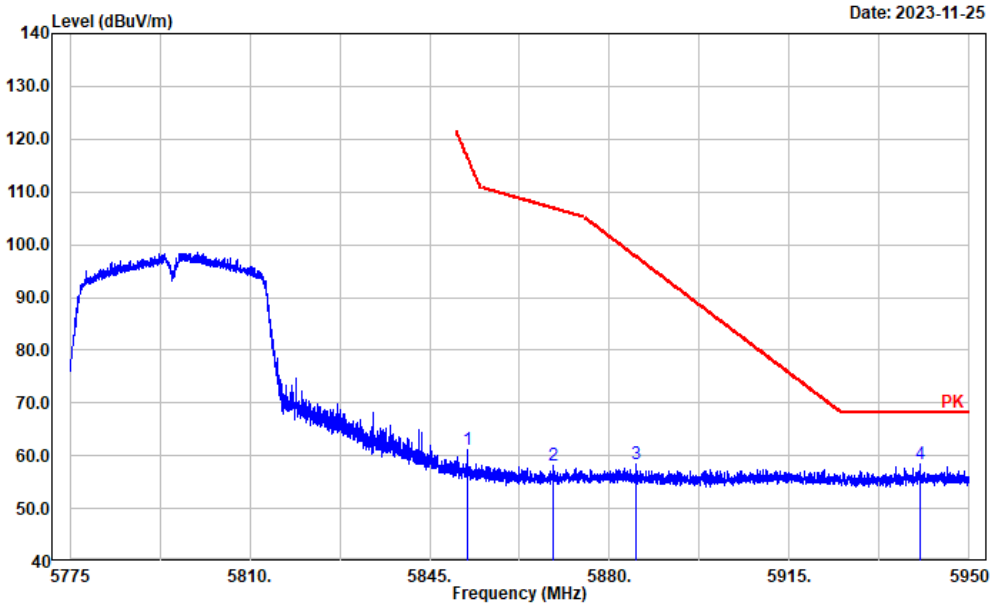
```
Project No.: CR231061506-RF
     Tester: Tao Zhu
Polarization: Vertical
       Note: 802.11n ht40 Mode Low Channel
```



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5627.170	44.65	12.19	56.84	68.20	11.36	Peak
2	5674.605	44.51	12.44	56.95	86.45	29.50	Peak
3	5718.959	48.92	12.57	61.49	110.51	49.02	Peak
4	5724.210	51.11	12.57	63.68	120.40	56.72	Peak

802.11n ht40			
Test Channel:	**5775-5950MHz**	**Ant. Polar. :**	**Horizontal**

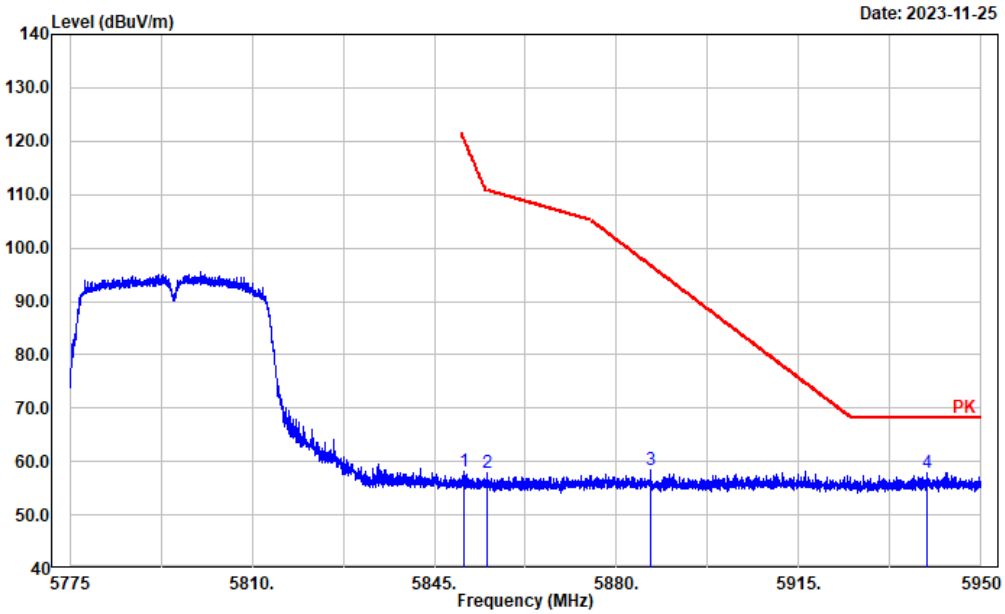
Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Horizontal
Note: 802.11n ht40 Mode High Channel



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.365	48.28	12.78	61.06	116.81	55.75	Peak
2	5869.064	45.35	12.87	58.22	106.86	48.64	Peak
3	5885.272	45.44	12.95	58.39	97.57	39.18	Peak
4	5940.443	45.31	13.03	58.34	68.20	9.86	Peak

802.11n ht40			
Test Channel:	**5775-5950MHz**	**Ant. Polar. :**	**Vertical**

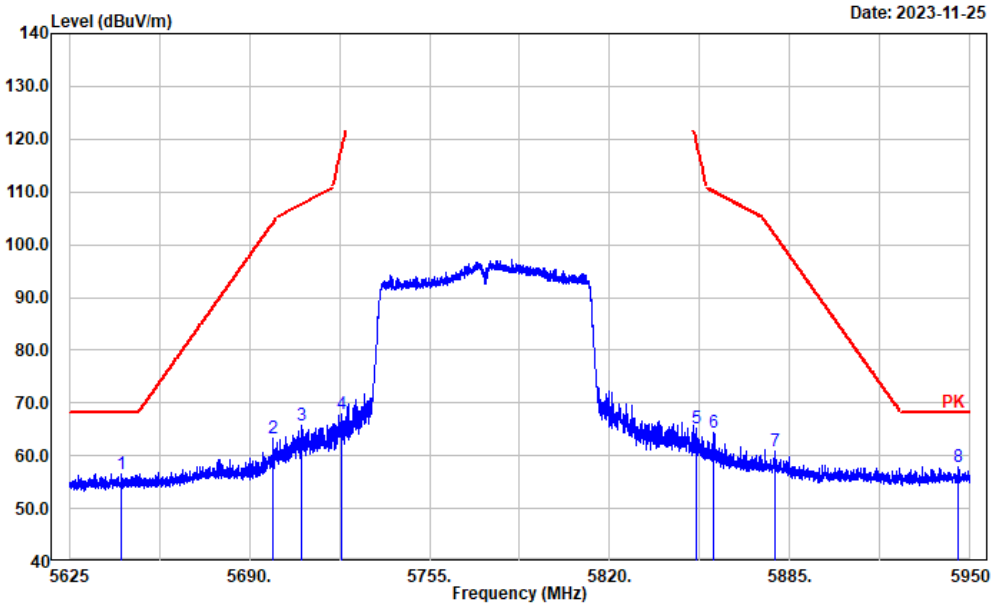
```
Project No.: CR231061506-RF
     Tester: Tao Zhu
Polarization: Vertical
       Note: 802.11n ht40 Mode High Channel
```



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.825	45.50	12.77	58.27	120.32	62.05	Peak
2	5855.271	44.99	12.80	57.79	110.72	52.93	Peak
3	5886.637	45.39	12.96	58.35	96.56	38.21	Peak
4	5939.638	44.86	13.03	57.89	68.20	10.31	Peak

802.11ac vht80			
Test Channel:	**5625-5950MHz**	**Ant. Polar. :**	**Horizontal**

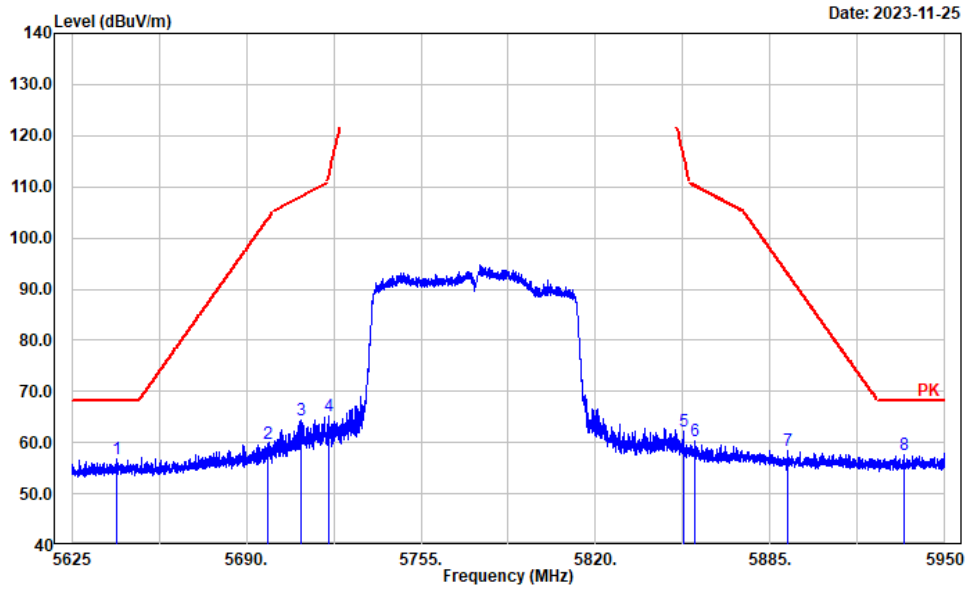
Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Horizontal
Note: 802.11ac80 Mode Middle Channel



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5643.919	44.31	12.29	56.60	68.20	11.60	Peak
2	5698.725	50.77	12.55	63.32	104.26	40.94	Peak
3	5708.737	53.22	12.56	65.78	107.65	41.87	Peak
4	5723.104	55.27	12.57	67.84	117.88	50.04	Peak
5	5851.115	52.46	12.77	65.23	119.66	54.43	Peak
6	5857.227	51.61	12.81	64.42	110.18	45.76	Peak
7	5879.851	47.86	12.92	60.78	101.60	40.82	Peak
8	5945.774	44.79	13.03	57.82	68.20	10.38	Peak

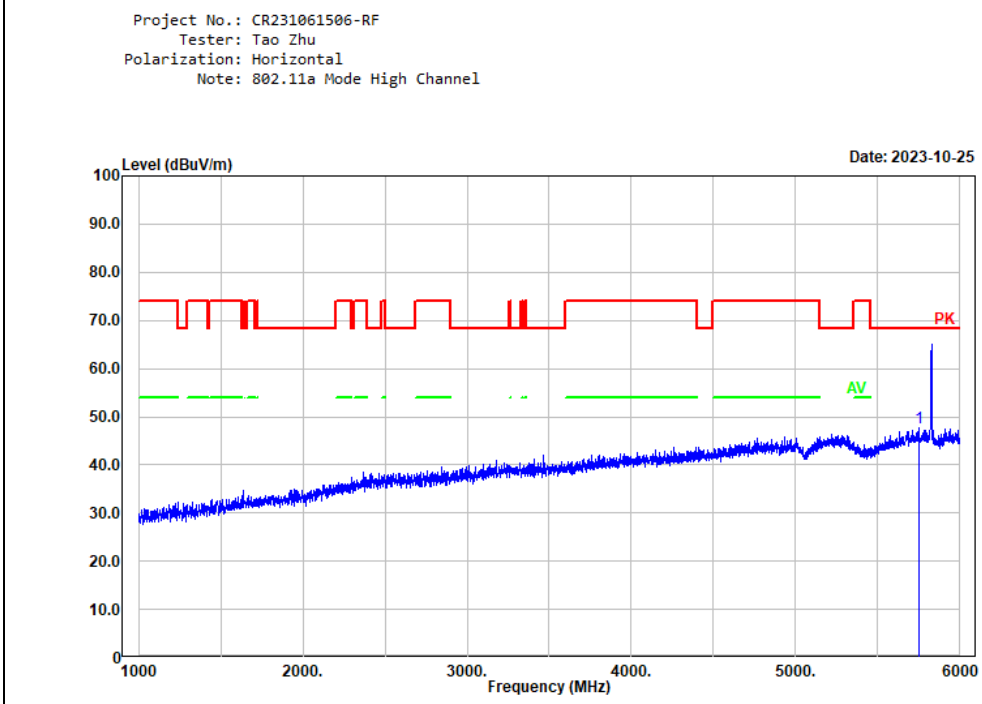
802.11ac vht80			
Test Channel:	**5625-5950MHz**	**Ant. Polar. :**	**Vertical**

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Vertical
Note: 802.11ac80 Mode Middle Channel



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5641.838	44.43	12.28	56.71	68.20	11.49	Peak
2	5697.814	47.34	12.54	59.88	103.59	43.71	Peak
3	5710.232	51.79	12.56	64.35	108.07	43.72	Peak
4	5720.634	52.57	12.57	65.14	112.25	47.11	Peak
5	5852.806	49.34	12.78	62.12	115.80	53.68	Peak
6	5856.707	47.44	12.81	60.25	110.32	50.07	Peak
7	5891.683	45.49	12.98	58.47	92.82	34.35	Peak
8	5934.722	44.61	13.04	57.65	68.20	10.55	Peak

Worst Harmonic Margin Test plots (802.11a 5825MHz was the worst)
Antenna 0:

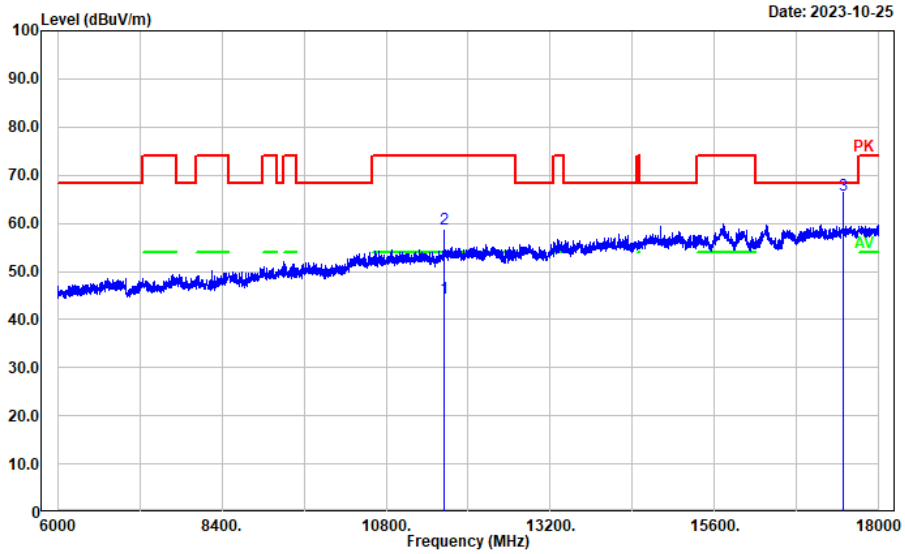
Horizontal	
1-6GHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5748.950	35.02	12.59	47.61	68.20	20.59	Peak

Horizontal

6-18GHz

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Horizontal
Note: 802.11a Mode High Channel

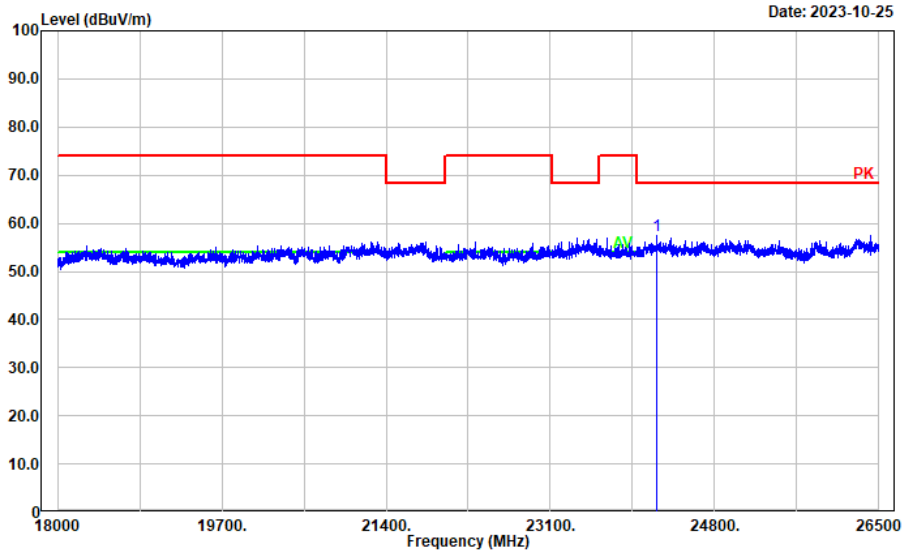


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11650.000	22.50	22.04	44.54	54.00	9.46	Average
2	11650.000	36.70	22.04	58.74	74.00	15.26	Peak
3	17475.000	36.07	29.89	65.96	68.20	2.24	Peak

Horizontal

18-26.5GHz

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Horizontal
Note: 802.11a Mode High Channel

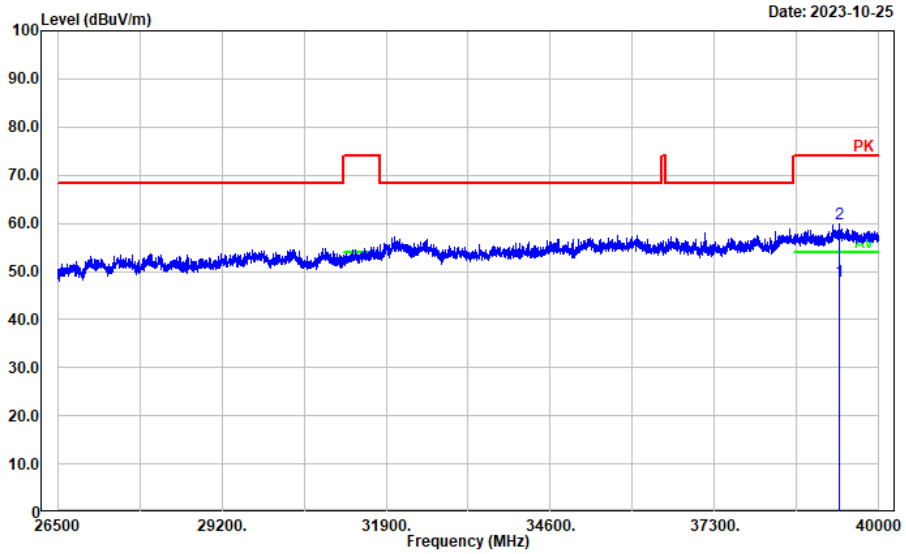


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	24201.140	52.54	4.96	57.50	68.20	10.70	Peak

Horizontal

26.5-40GHz

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Horizontal
Note: 802.11a Mode High Channel

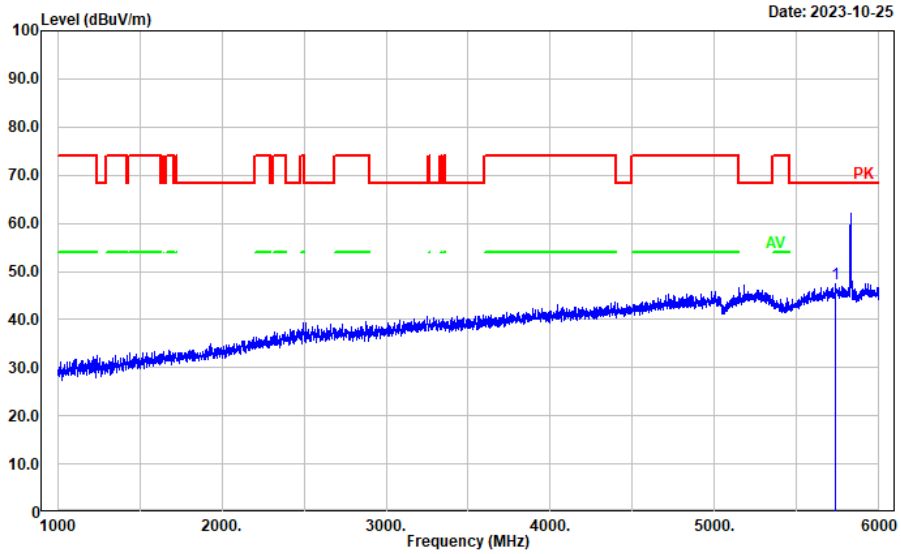


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39346.470	37.67	10.18	47.85	54.00	6.15	Average
2	39346.470	49.80	10.18	59.98	74.00	14.02	Peak

Vertical

1-6GHz

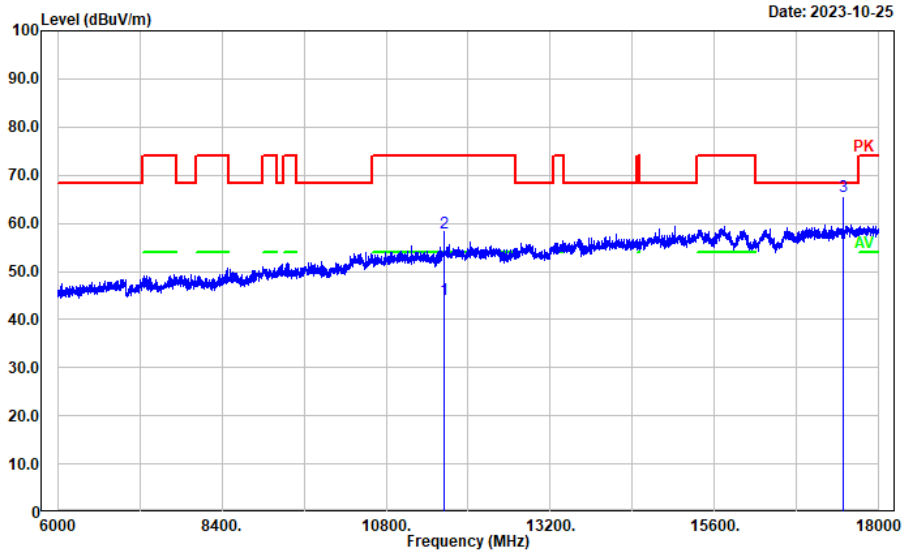
Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: vertical
Note: 802.11a Mode High Channel



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5734.947	34.77	12.58	47.35	68.20	20.85	Peak

Vertical	
6-18GHz	

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: vertical
Note: 802.11a Mode High Channel

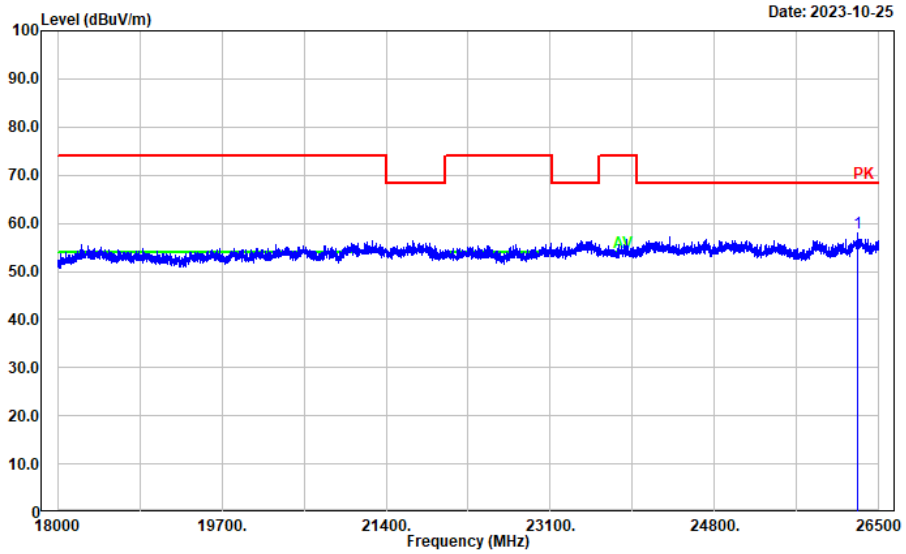


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11650.000	22.14	22.04	44.18	54.00	9.82	Average
2	11650.000	36.03	22.04	58.07	74.00	15.93	Peak
3	17475.000	35.63	29.89	65.52	68.20	2.68	Peak

Vertical

18-26.5GHz

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: vertical
Note: 802.11a Mode High Channel

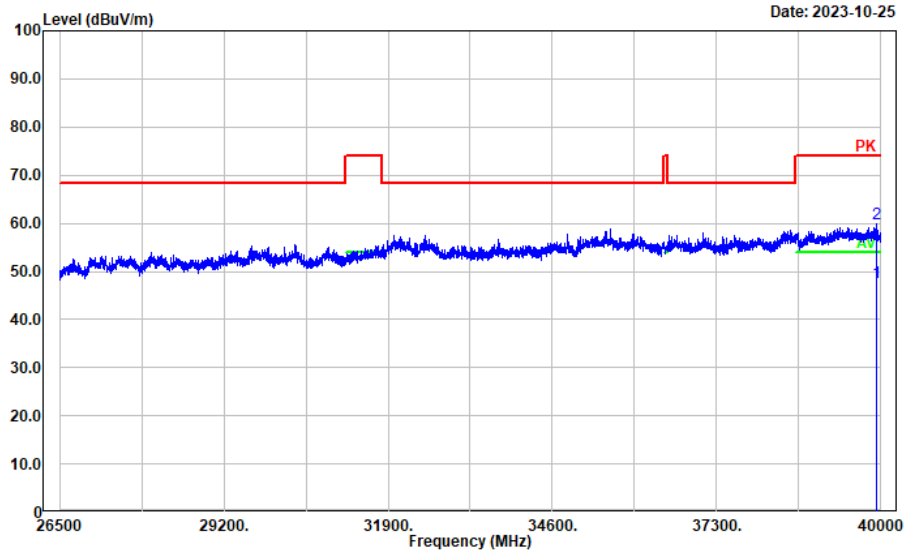


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	26277.260	51.08	6.99	58.07	68.20	10.13	Peak

Vertical

26.5-40GHz

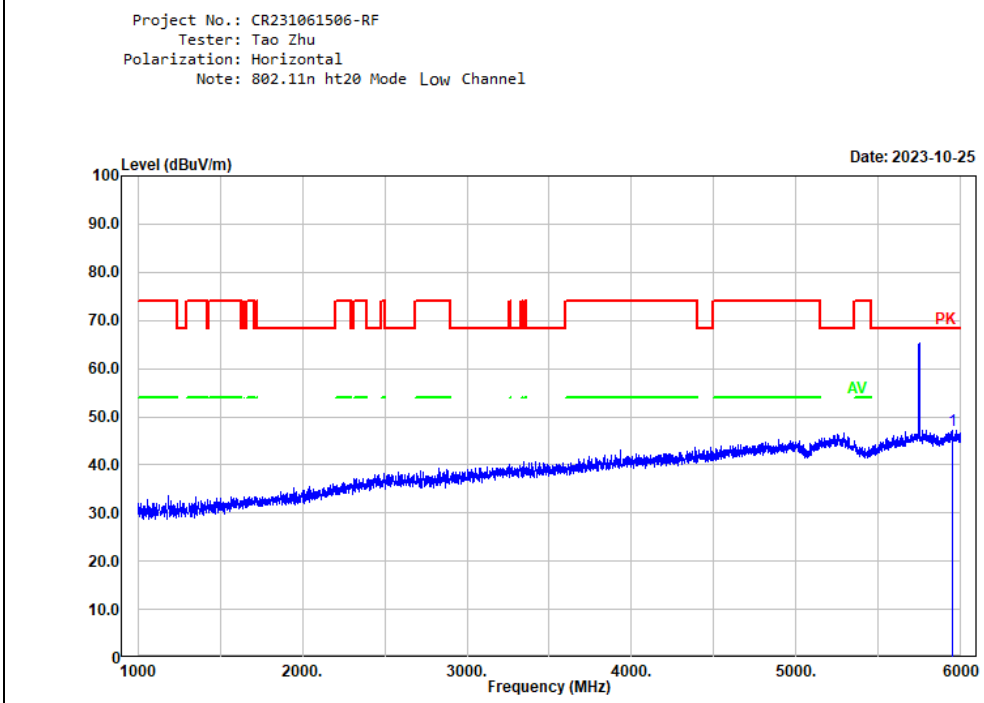
Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Vertical
Note: 802.11a Mode High Channel



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39918.980	39.35	8.33	47.68	54.00	6.32	Average
2	39918.980	51.60	8.33	59.93	74.00	14.07	Peak

Worst Harmonic Margin Test plots (802.11n20 5745MHz was the worst)

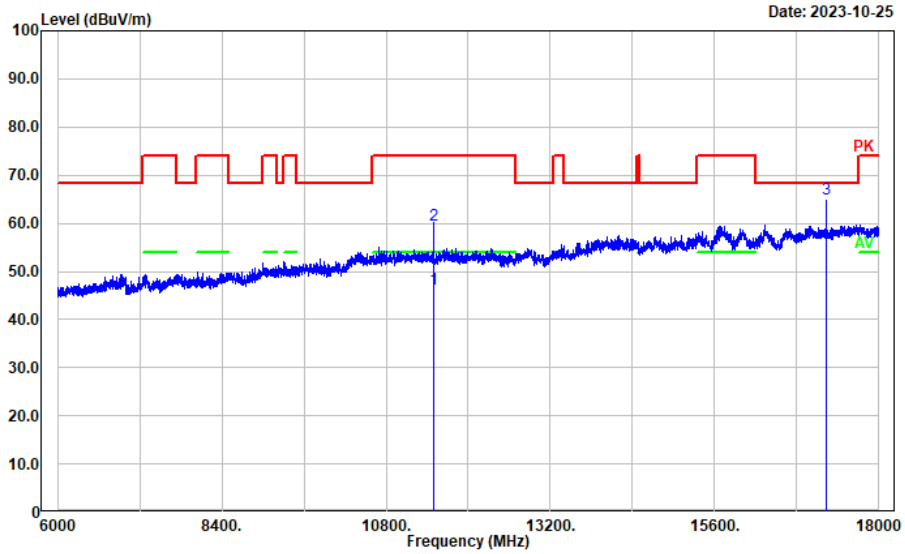
Antenna 1:

Horizontal	
1-6GHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5949.990	34.23	13.03	47.26	68.20	20.94	Peak

Horizontal	
6-18GHz	

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Horizontal
Note: 802.11n ht20 Mode Low Channel

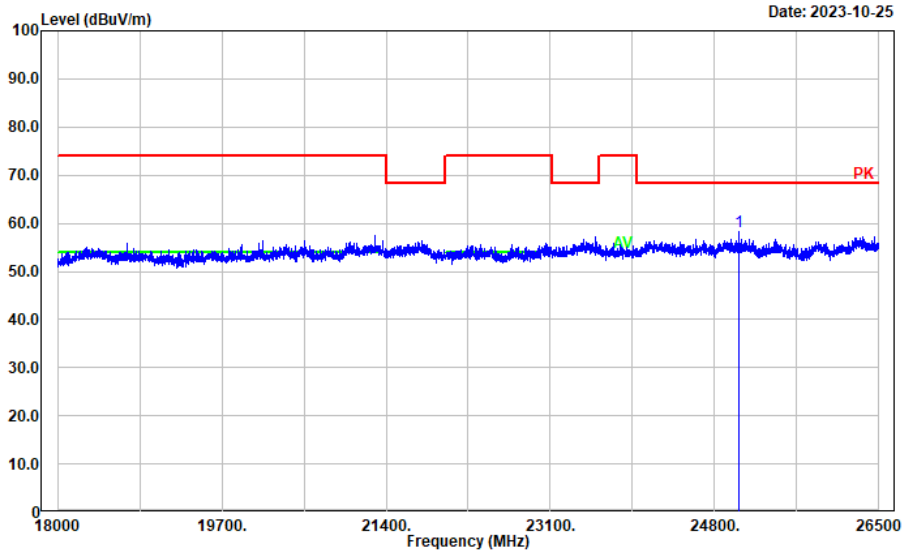


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11490.000	24.76	21.49	46.25	54.00	7.75	Average
2	11490.000	38.18	21.49	59.67	74.00	14.33	Peak
3	17235.000	36.44	28.71	65.15	68.20	3.05	Peak

Horizontal

18-26.5GHz

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Horizontal
Note: 802.11n ht20 Mode Low Channel

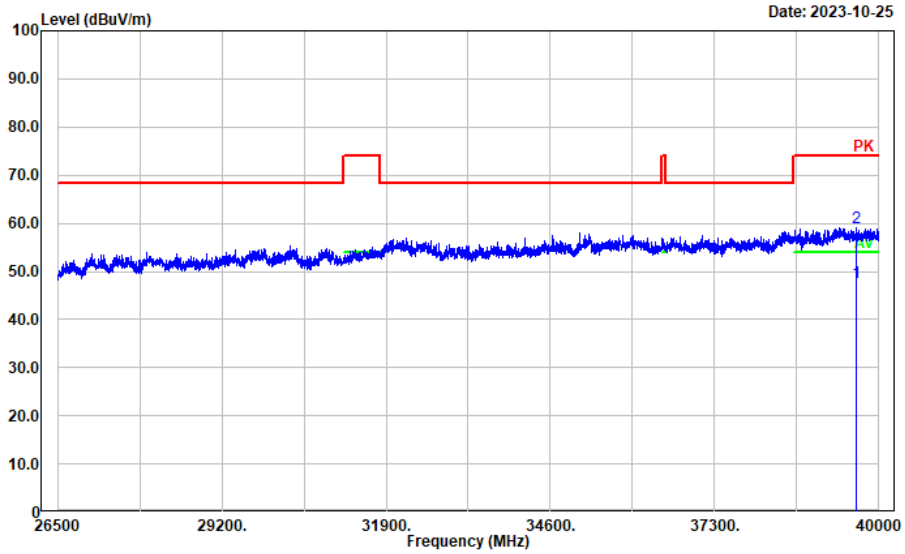


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	25056.410	51.39	6.83	58.22	68.20	9.98	Peak

Horizontal

26.5-40GHz

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Horizontal
Note: 802.11n ht20 Mode Low Channel

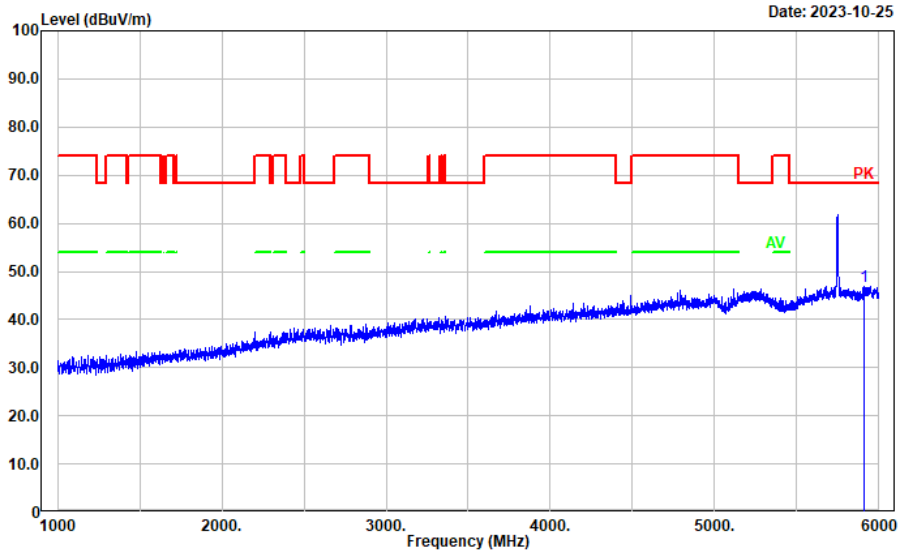


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39627.320	38.14	9.64	47.78	54.00	6.22	Average
2	39627.320	49.45	9.64	59.09	74.00	14.91	Peak

Vertical

1-6GHz

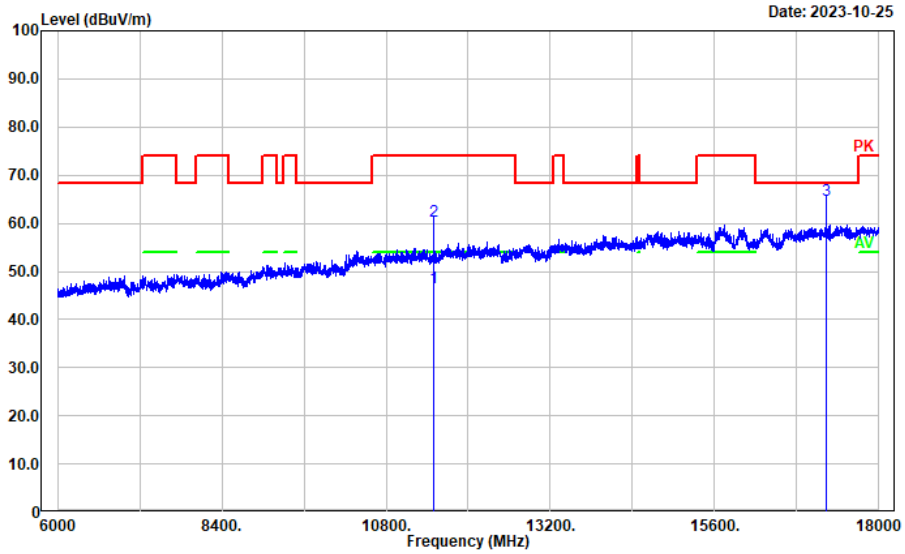
Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: vertical
Note: 802.11n ht20 Mode Low Channel



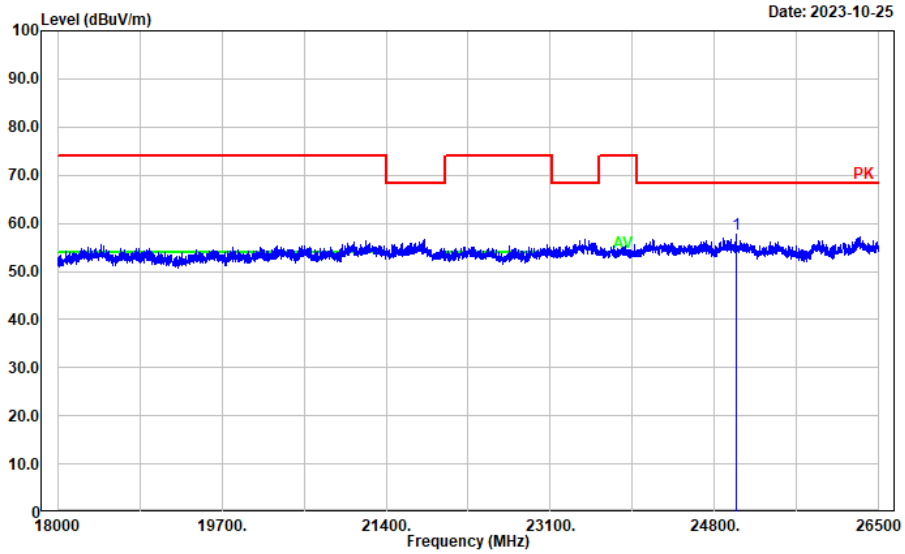
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5912.982	33.95	13.03	46.98	68.20	21.22	Peak

Vertical	
6-18GHz	

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: vertical
Note: 802.11n ht20 Mode Low Channel



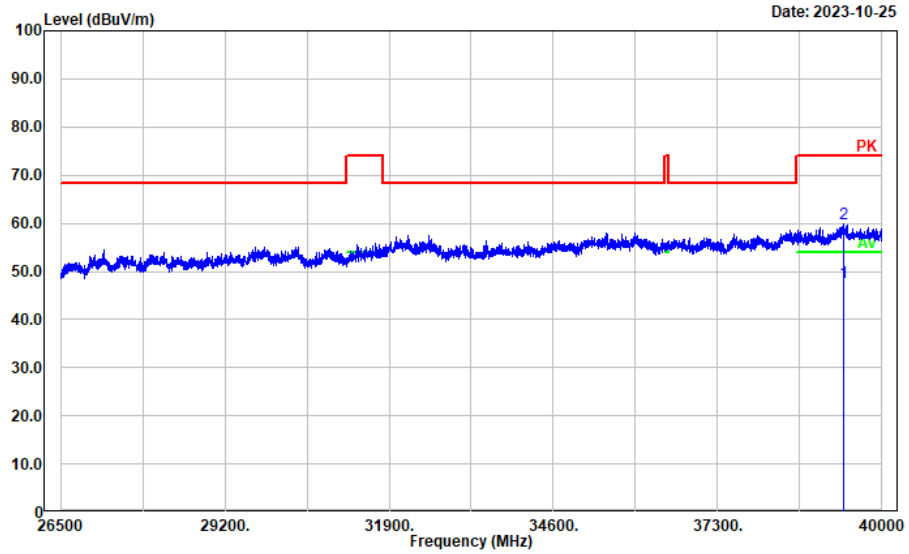
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11490.000	25.01	21.49	46.50	54.00	7.50	Average
2	11490.000	39.05	21.49	60.54	74.00	13.46	Peak
3	17235.000	36.16	28.71	64.87	68.20	3.33	Peak

Vertical	
18-26.5GHz	Project No.: CR231061506-RF Tester: Tao Zhu Polarization: vertical Note: 802.11n ht20 Mode Low Channel  No. Frequency (MHz) Reading (dBµV) Factor (dB/m) Result (dBµV/m) Limit (dBµV/m) Margin (dB) Detector 1 25020.710 50.88 6.82 57.70 68.20 10.50 Peak

Vertical

26.5-40GHz

Project No.: CR231061506-RF
Tester: Tao Zhu
Polarization: Vertical
Note: 802.11n ht20 Mode Low Channel



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39376.180	37.49	10.17	47.66	54.00	6.34	Average
2	39376.180	49.65	10.17	59.82	74.00	14.18	Peak

4.3 Emission Bandwidth:

Serial Number:	2CII-1	Test Date:	2023/11/11-2023/11/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	24.3	Relative Humidity: (%)	52	ATM Pressure: (kPa)	100.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101590	2022/11/25	2023/11/24
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	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:

Antenna 0:

5150-5250MHz

Test Modes	Test Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5180	24.16	17.02
	5200	27.2	17.3
	5240	27.28	17.22
802.11n ht20	5180	27.48	17.98
	5200	29.48	18.06
	5240	28.12	18.02
802.11n ht40	5190	41.28	36.28
	5230	41.12	36.28
802.11ac vht80	5210	81.76	75.44

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

5725-5850MHz

Test Modes	Test Frequency (MHz)	6 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5745	16.40	17.38
	5785	16.40	17.46
	5825	16.40	17.54
802.11n ht20	5745	17.68	18.18
	5785	17.68	18.1
	5825	17.68	18.18
802.11n ht40	5755	36.48	36.36
	5795	36.48	36.26
802.11ac vht80	5775	76.56	75.76
Note: 1. 6dB Emission Bandwidth Limit: ≥0.5 MHz 2. the 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.			

Antenna 1:

5150-5250MHz

Test Modes	Test Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5180	26.48	17.22
	5200	27.40	17.30
	5240	27.00	17.22
802.11n ht20	5180	29.00	18.06
	5200	29.76	18.06
	5240	27.68	18.02
802.11n ht40	5190	41.52	36.28
	5230	41.20	36.36
802.11ac vht80	5210	93.60	75.76

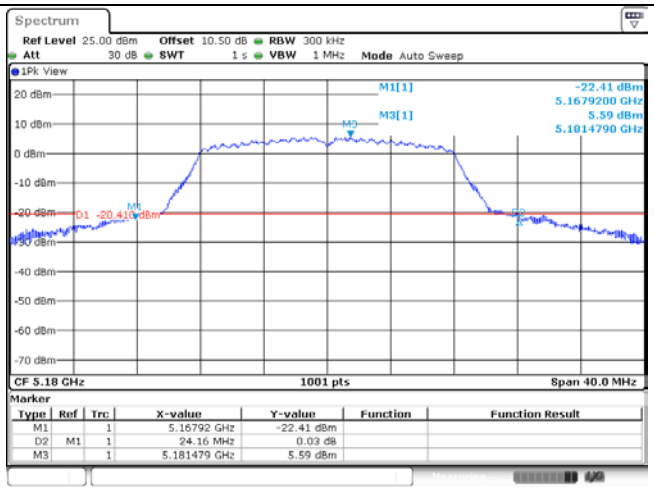
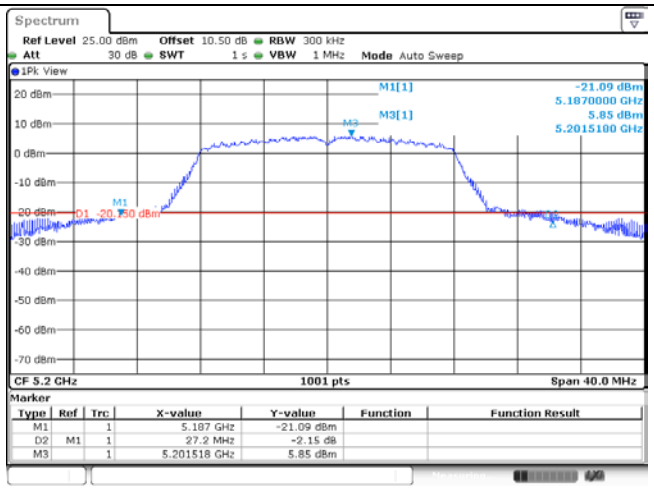
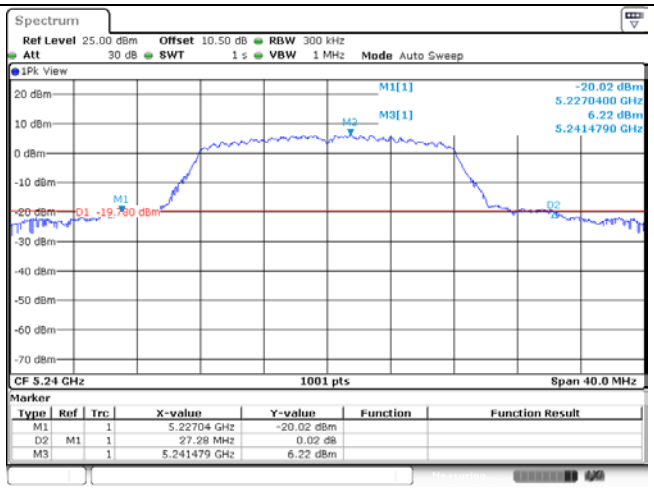
Note: the 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

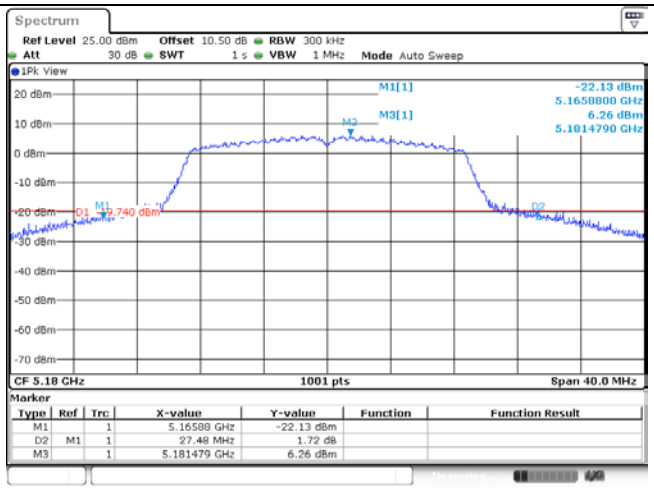
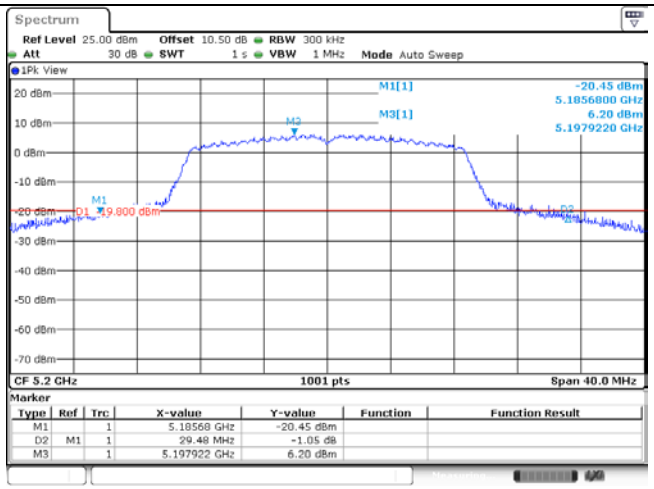
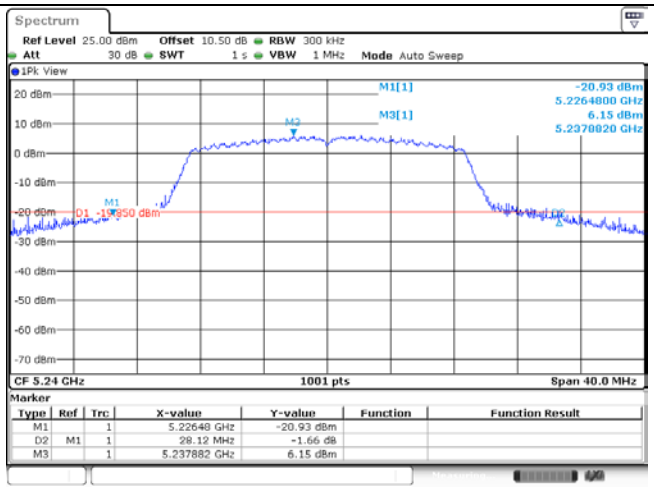
5725-5850MHz

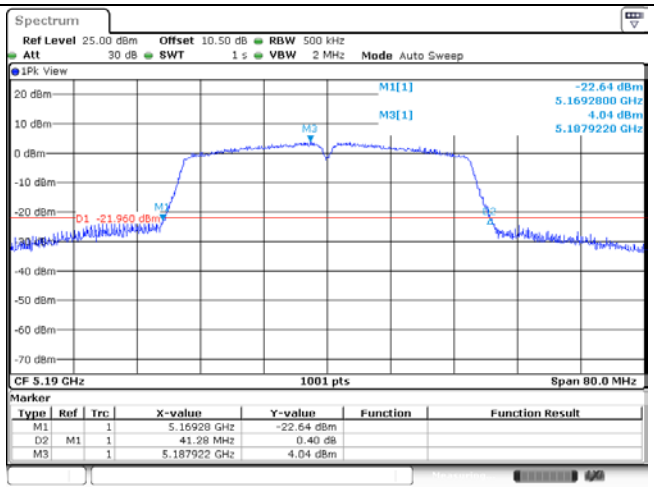
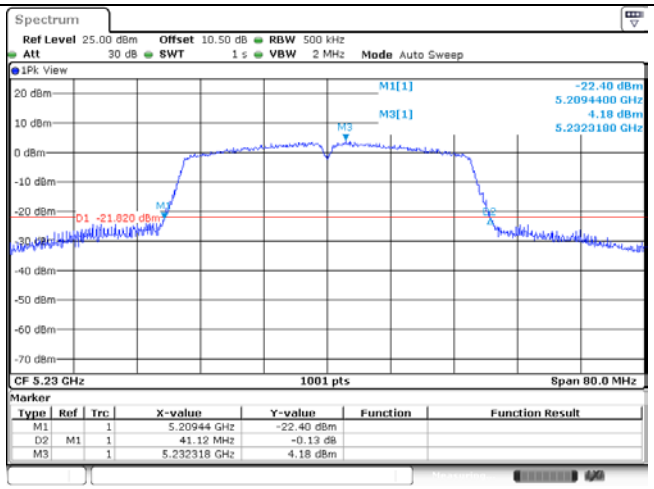
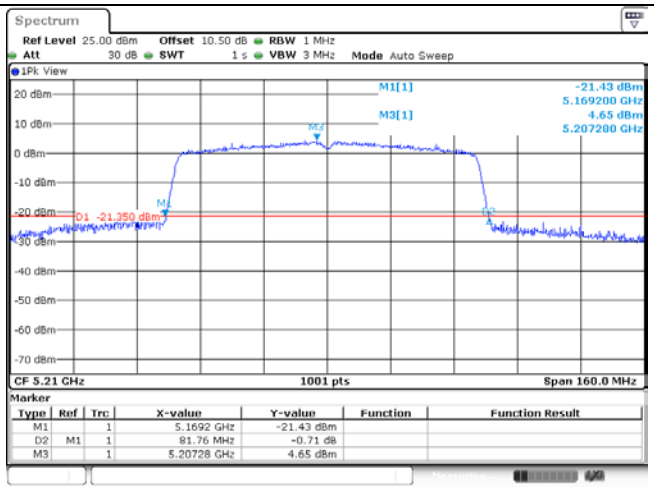
Test Modes	Test Frequency (MHz)	6 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5745	16.40	17.18
	5785	16.40	17.22
	5825	16.40	17.34
802.11n ht20	5745	17.64	18.10
	5785	17.68	18.10
	5825	17.68	18.18
802.11n ht40	5755	36.48	36.36
	5795	36.24	36.28
802.11ac vht80	5775	76.56	75.60

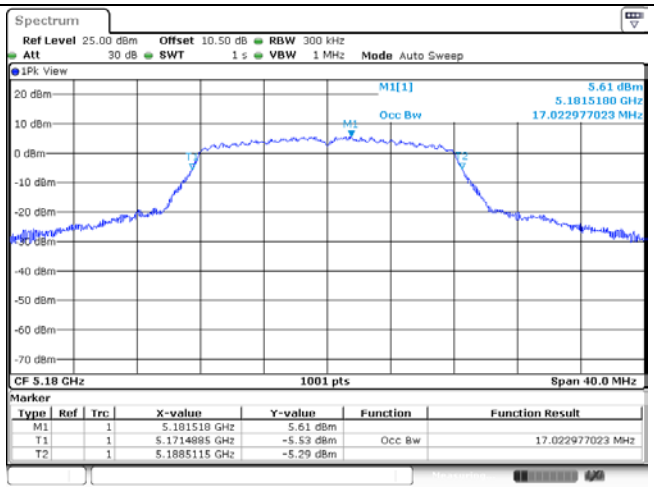
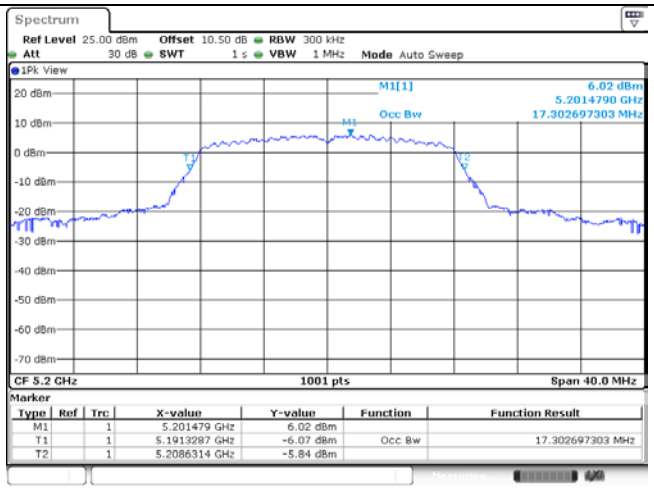
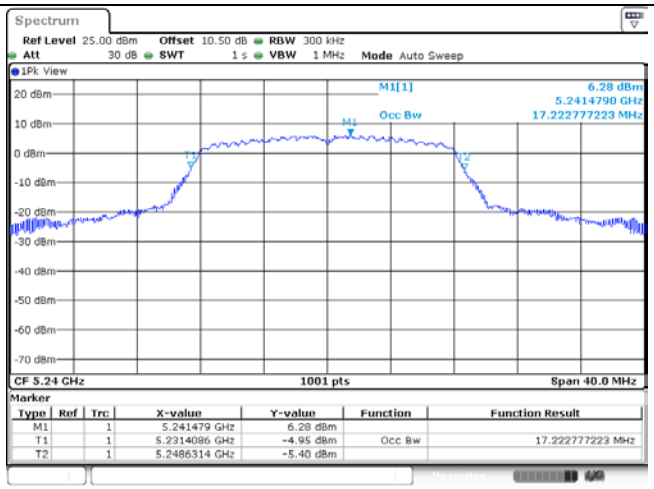
Note:
1. 6dB Emission Bandwidth Limit: ≥0.5 MHz
2. the 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.

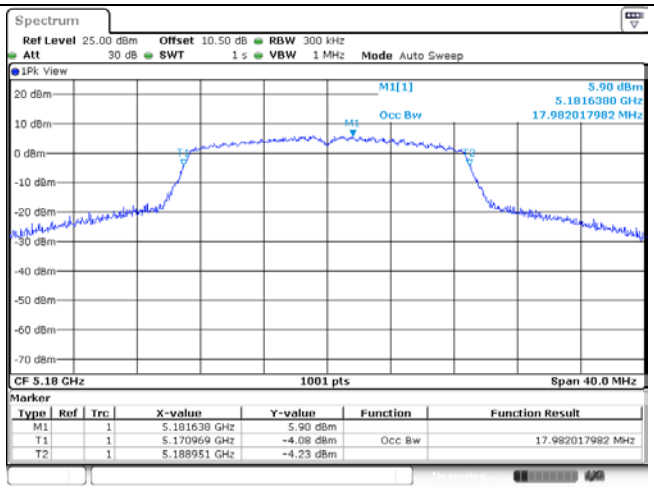
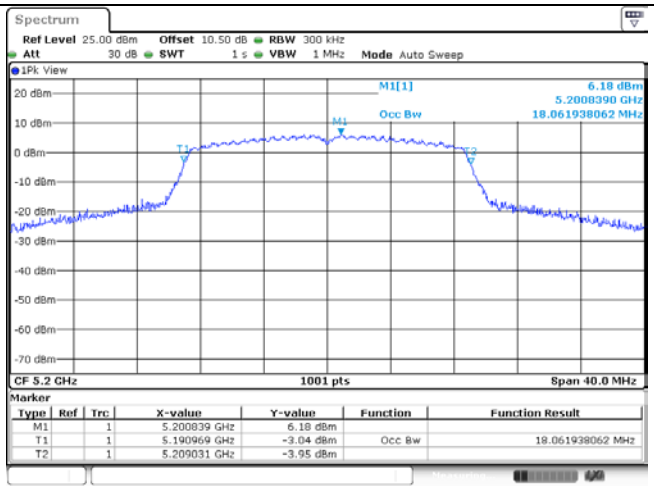
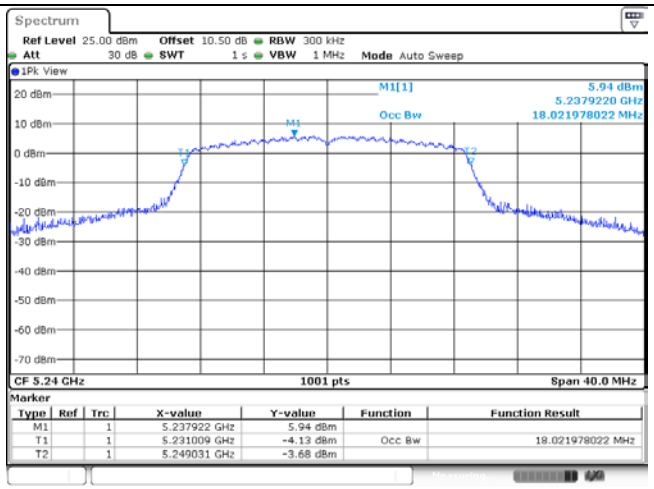
Antenna 0:
5150-5250MHz:

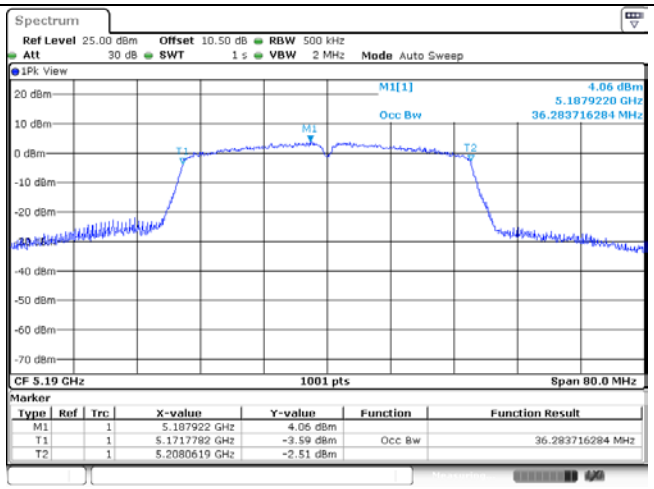
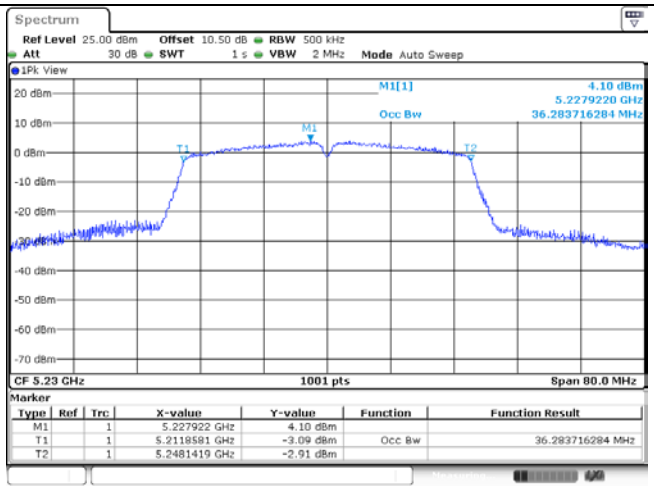
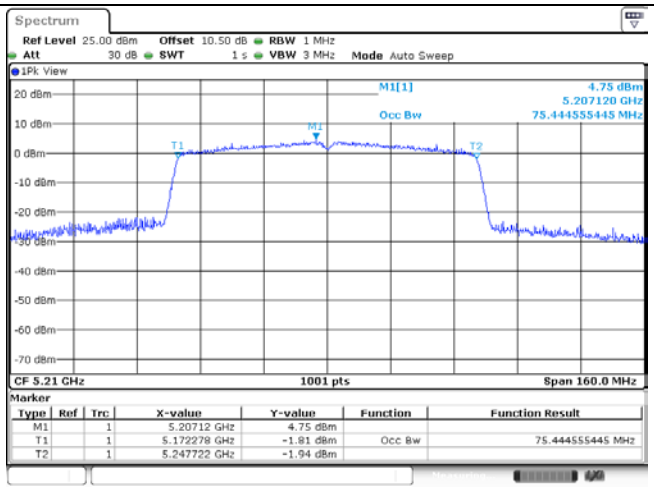
26dB Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

26dB Emission Bandwidth	
802.11n ht20 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:07:00
802.11n ht20 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:09:53
802.11n ht20 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:12:28

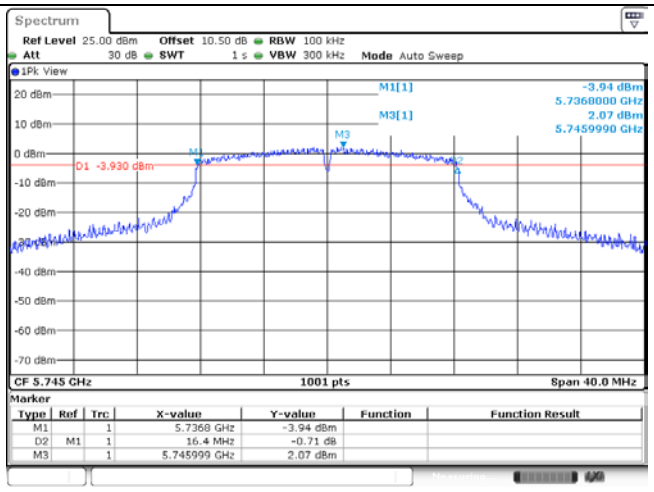
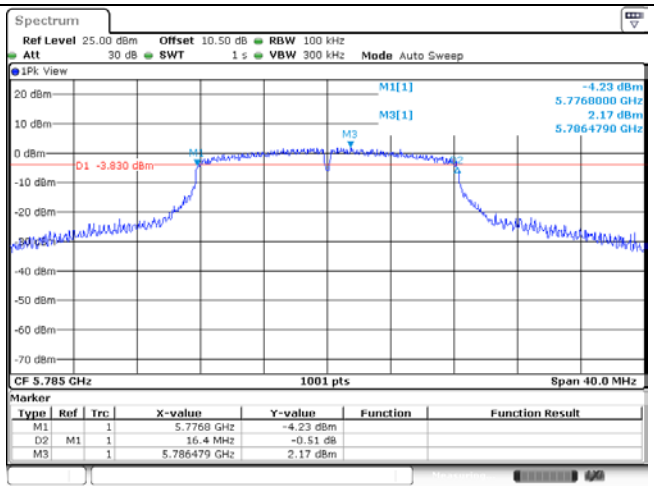
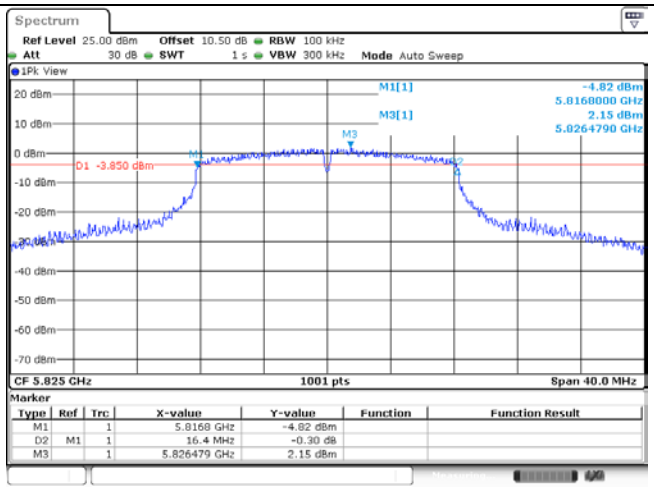
26dB Emission Bandwidth	
802.11n ht40 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:38:48
802.11n ht40 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:42:17
802.11ac vht80 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 09:50:27

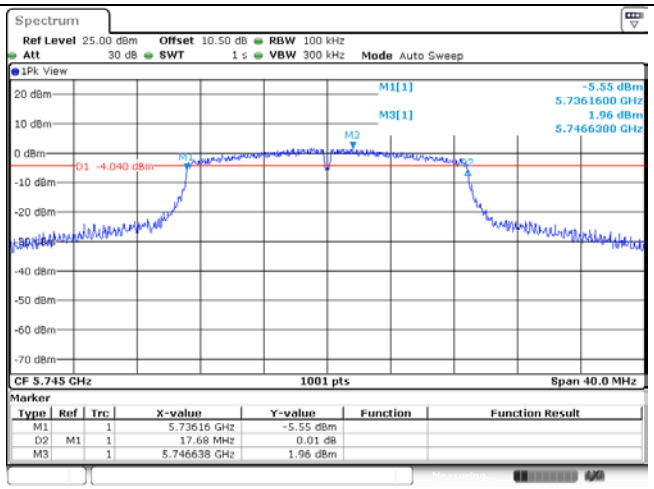
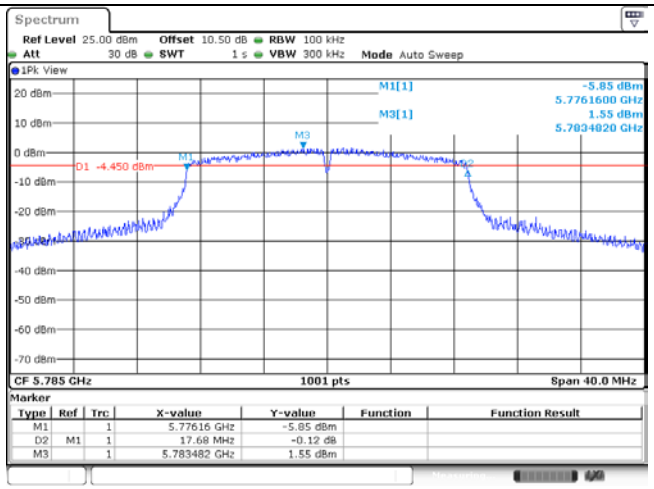
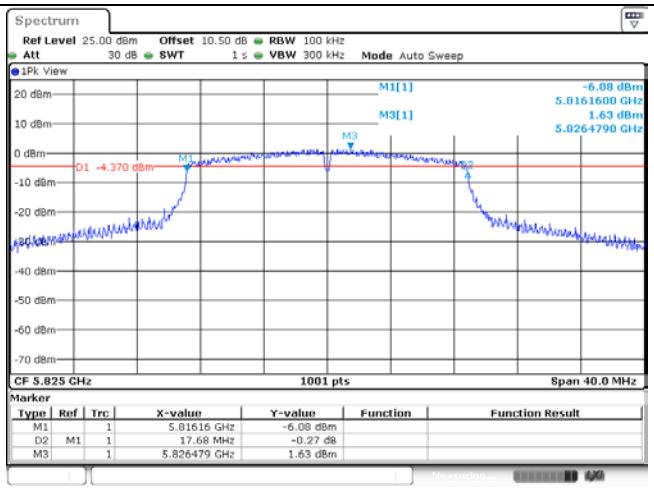
99% Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

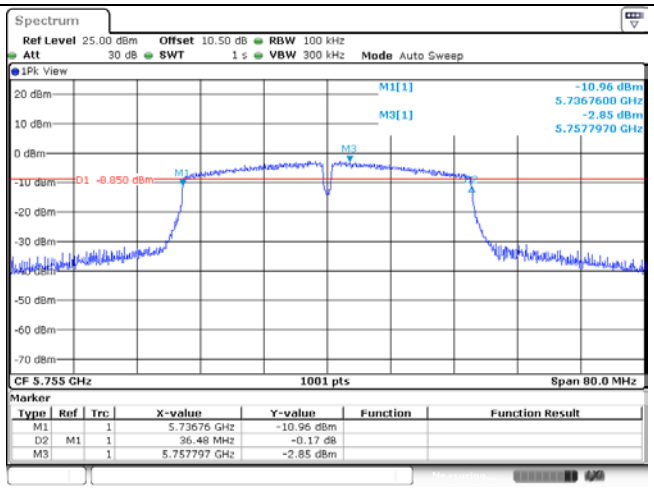
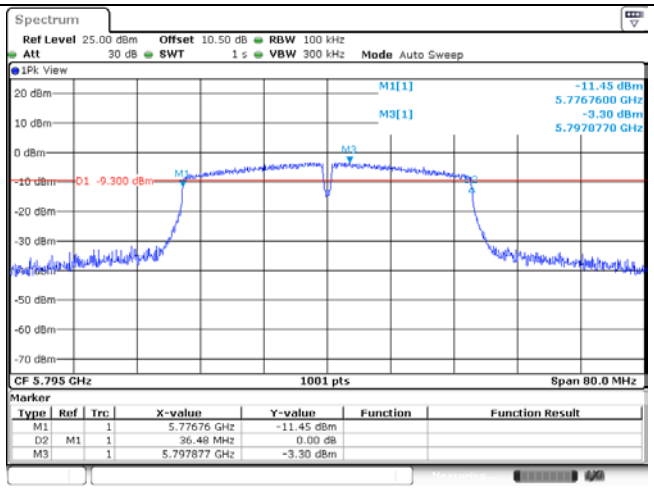
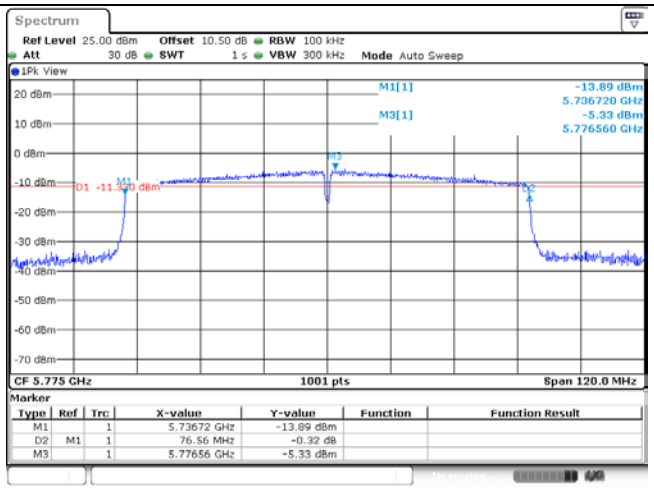
99% Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

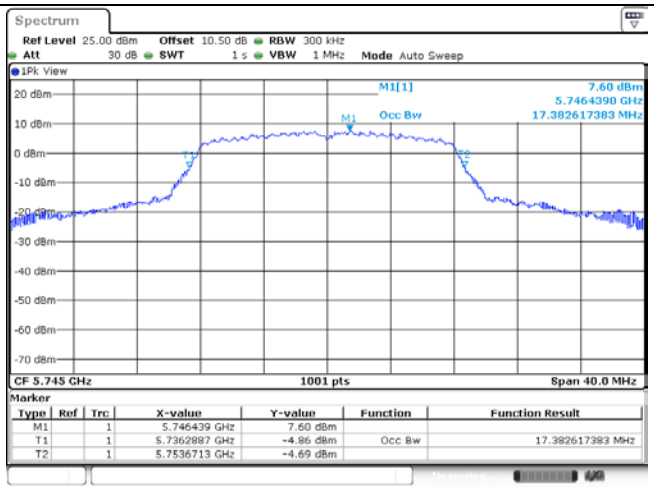
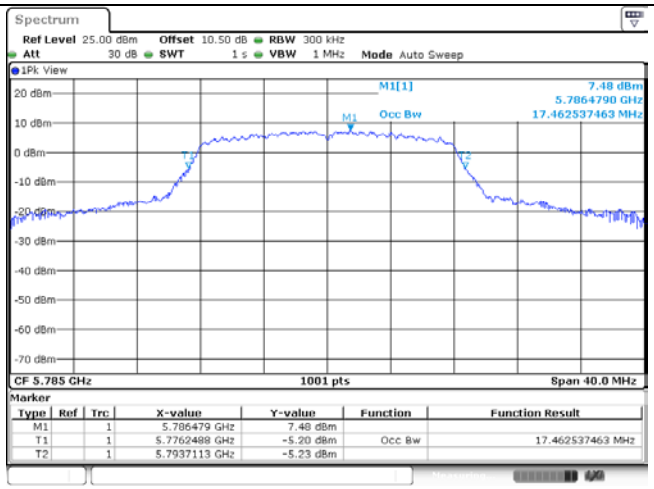
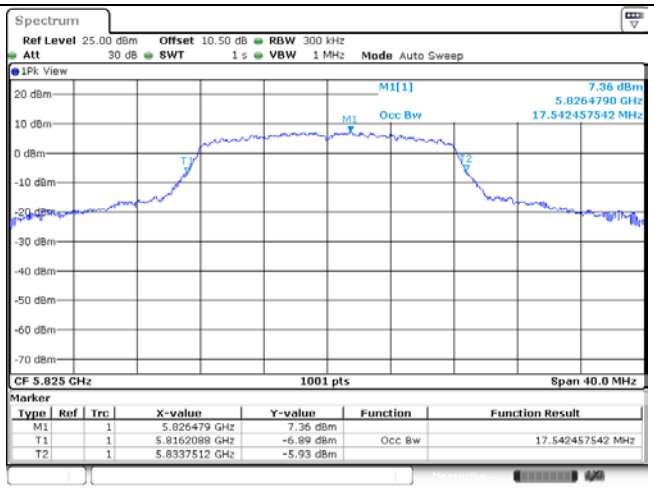
99% Emission Bandwidth	
802.11n ht40 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:37:59
802.11n ht40 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:41:39
802.11ac vht80 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 09:49:30

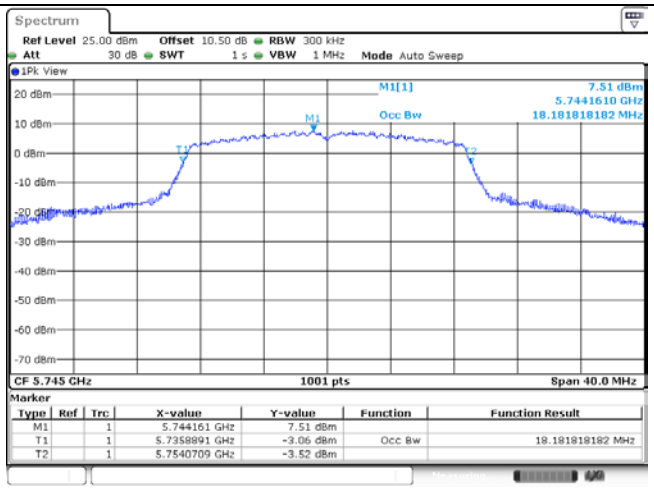
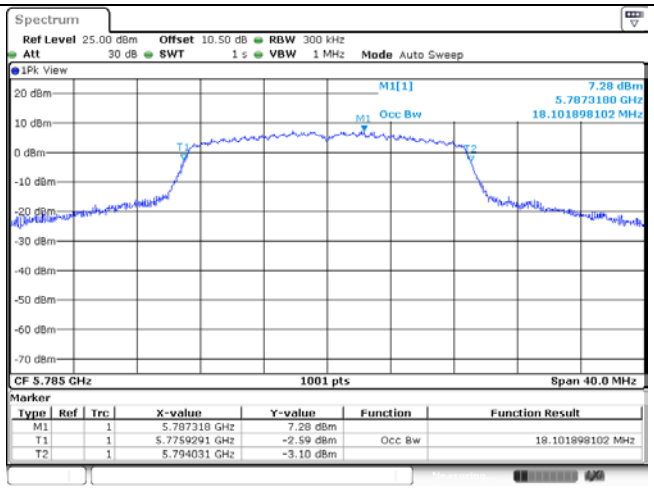
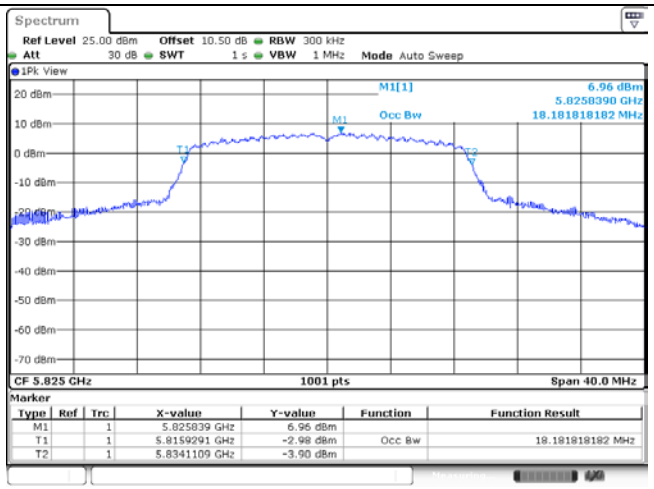
5725-5850MHz:

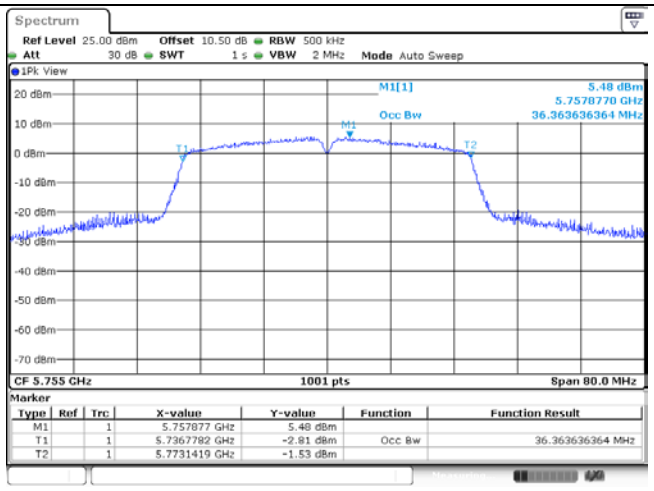
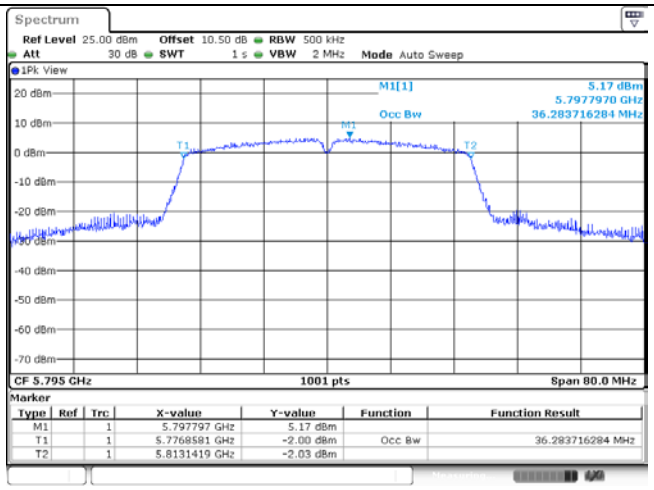
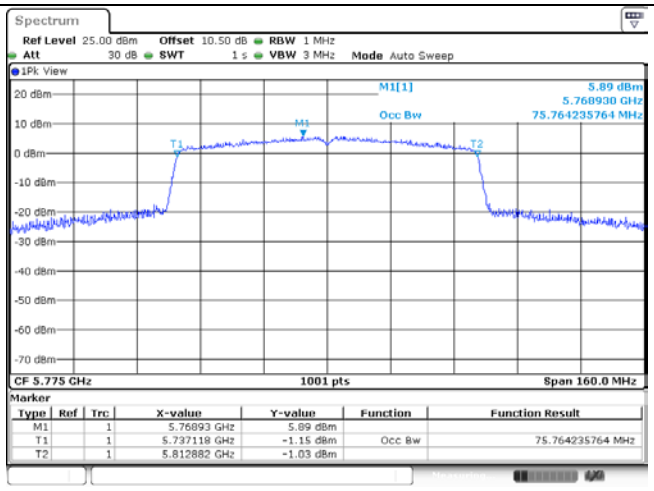
6dB Emission Bandwidth	
802.11a Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:15:34
802.11a Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:24:00
802.11a Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:26:28

6dB Emission Bandwidth	
802.11n ht20 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:29:53
802.11n ht20 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:32:09
802.11n ht20 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:34:23

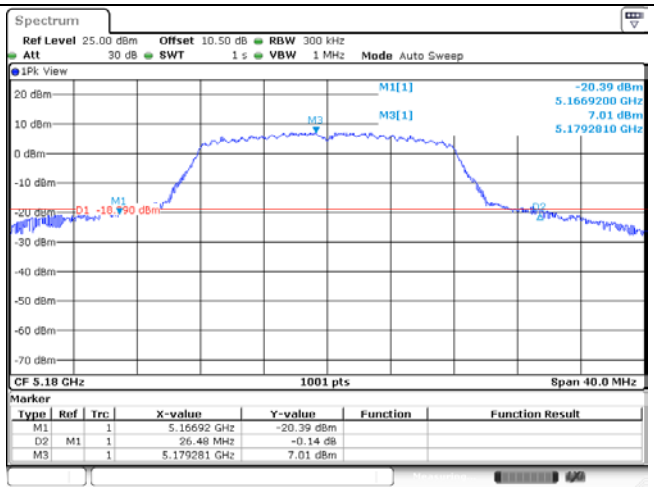
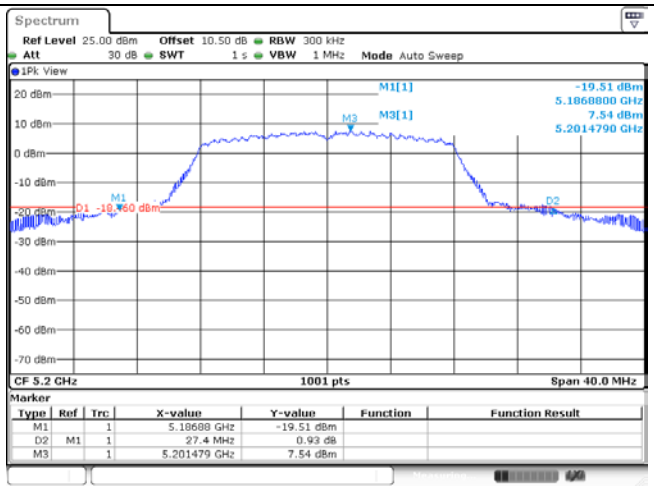
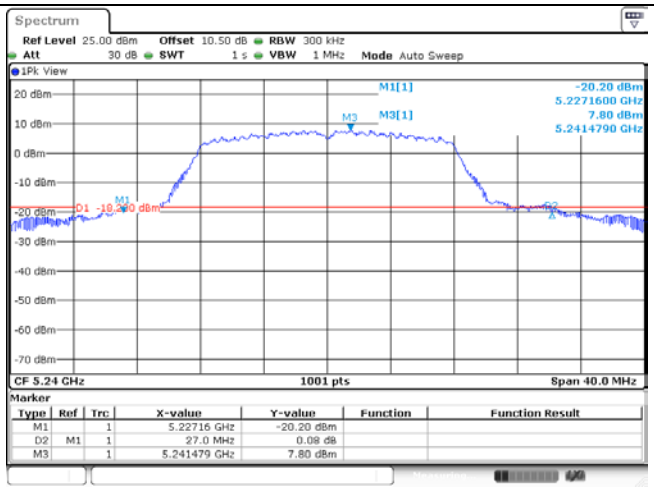
6dB Emission Bandwidth	
802.11n ht40 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:50:21
802.11n ht40 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 08:54:17
802.11ac vht80 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 16.NOV.2023 09:52:55

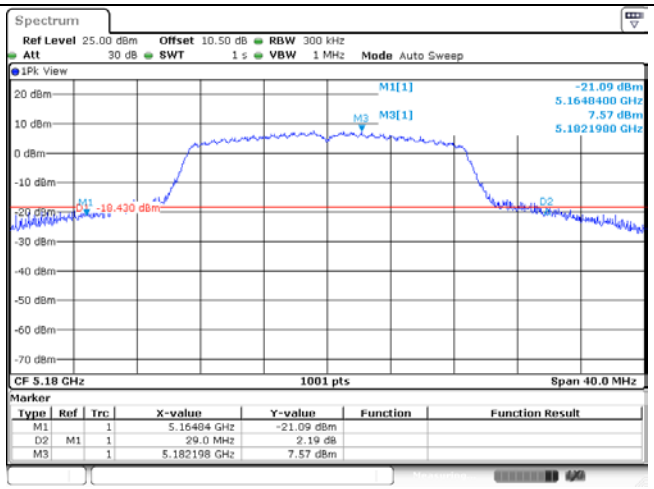
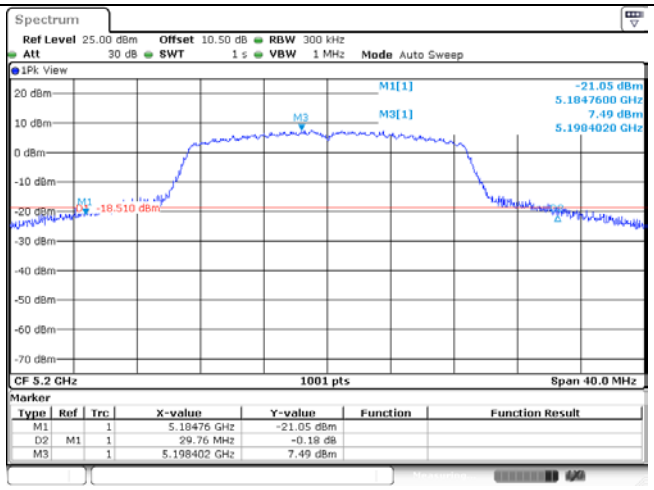
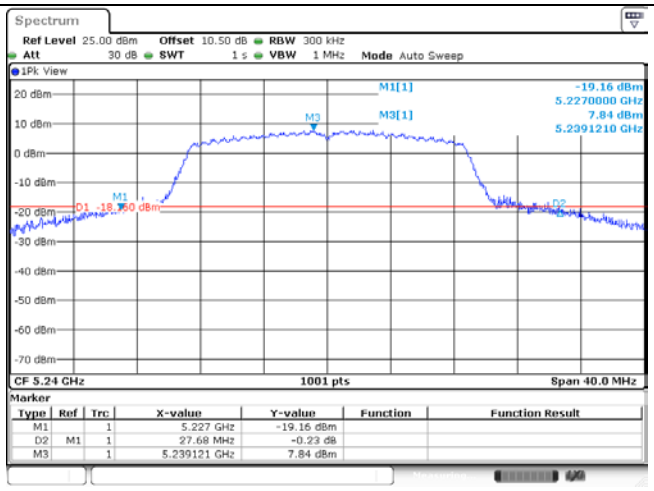
99% Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

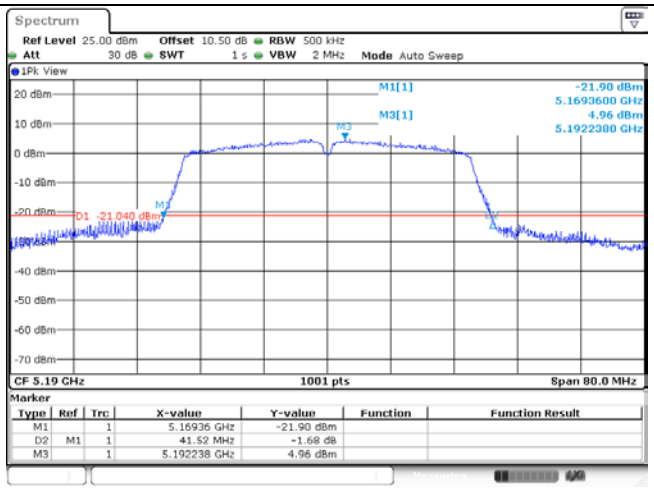
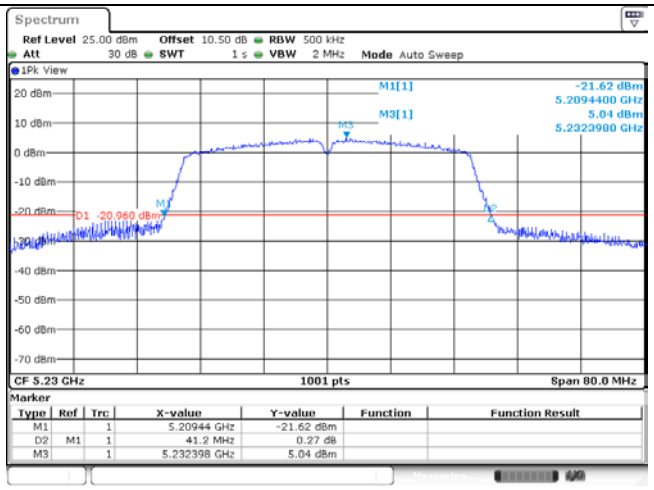
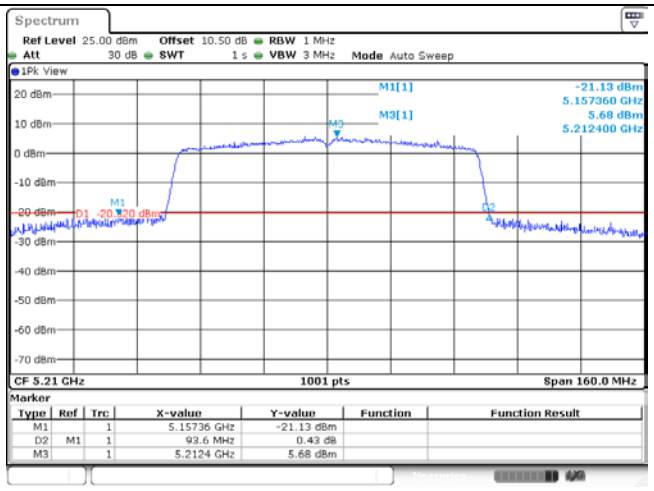
99% Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

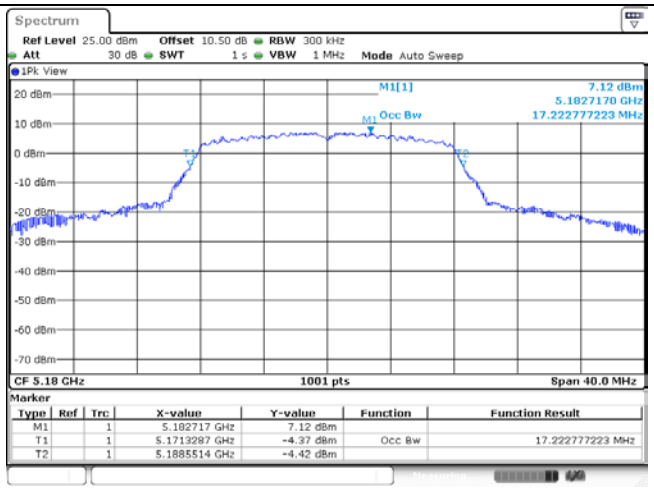
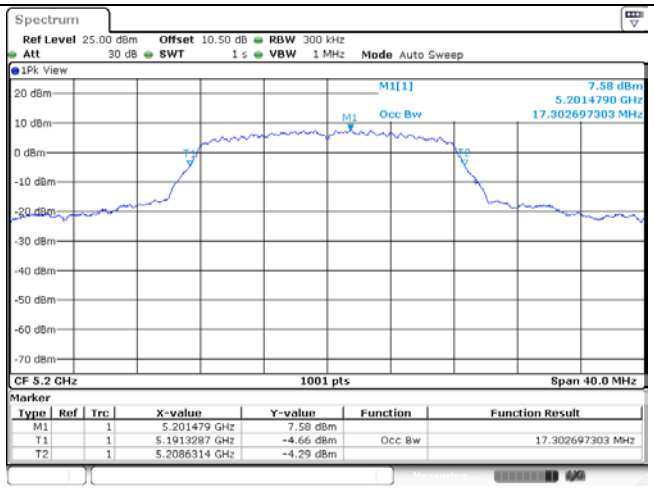
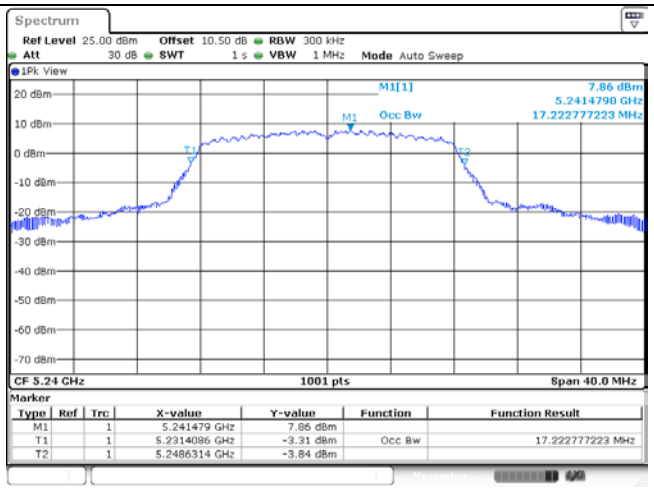
99% Emission Bandwidth	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	
802.11ac vht80 Middle Channel	

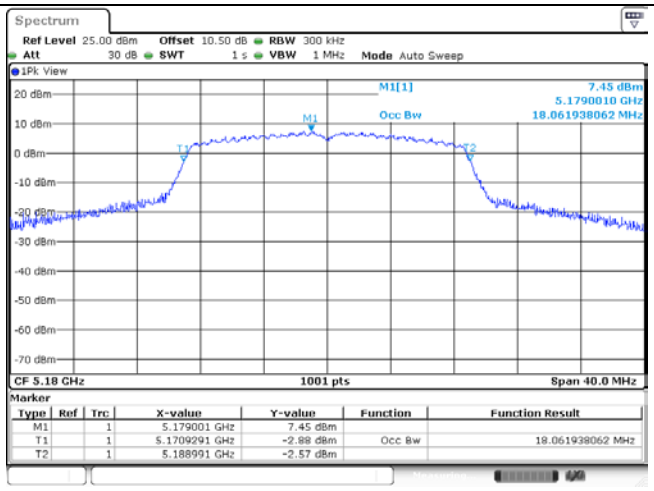
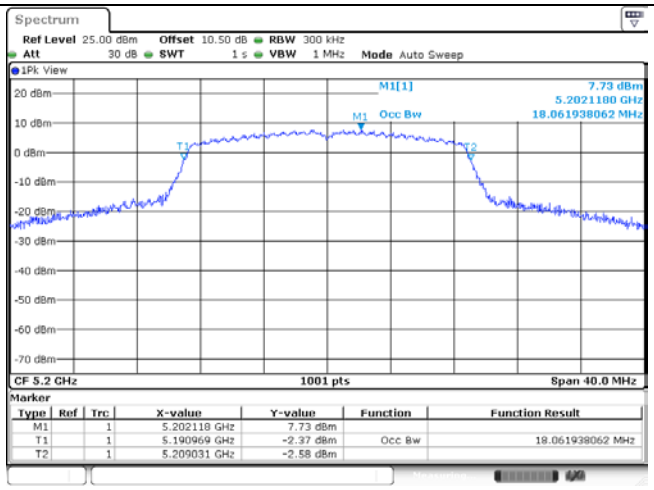
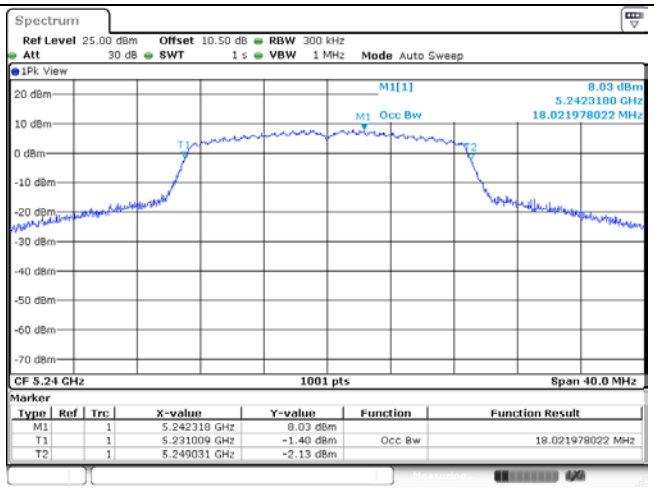
Antenna 1:
5150-5250MHz:

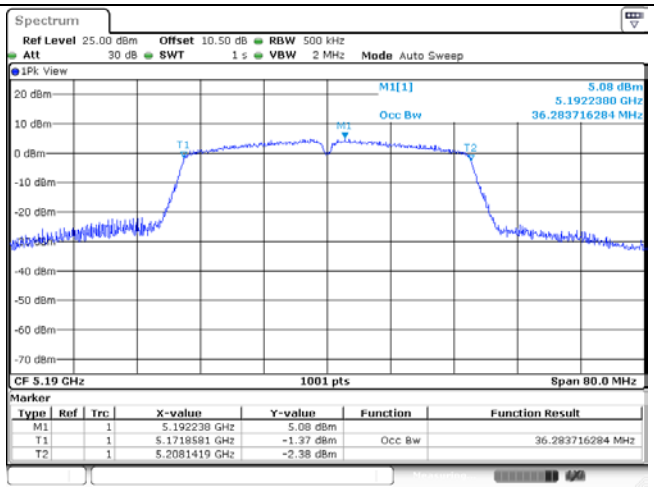
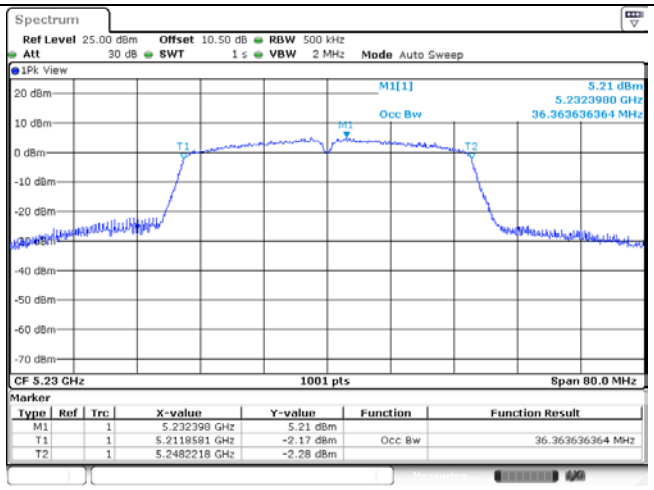
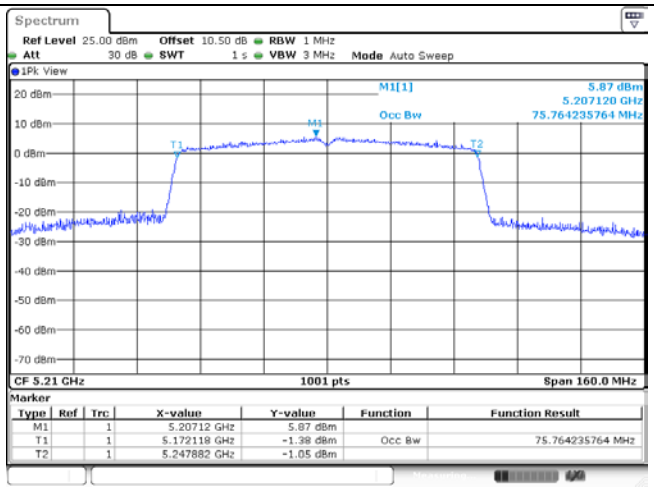
26dB Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

26dB Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

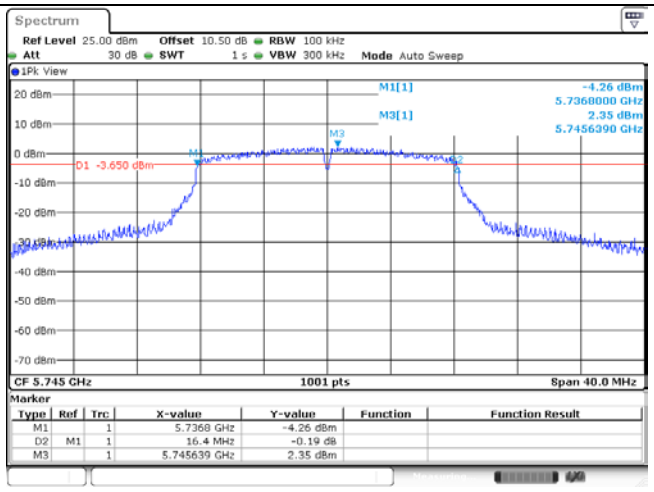
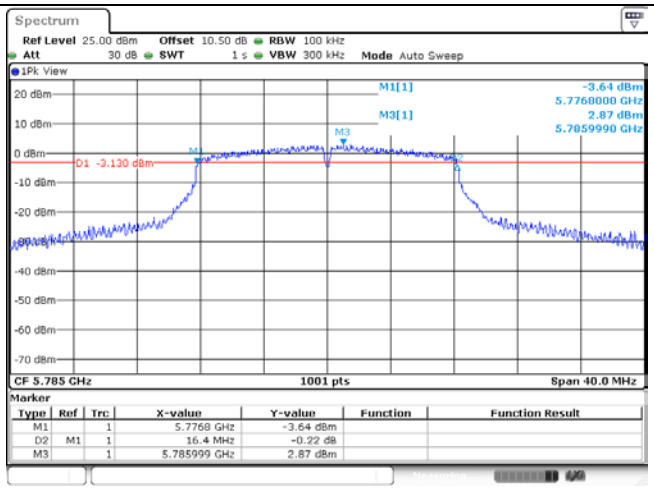
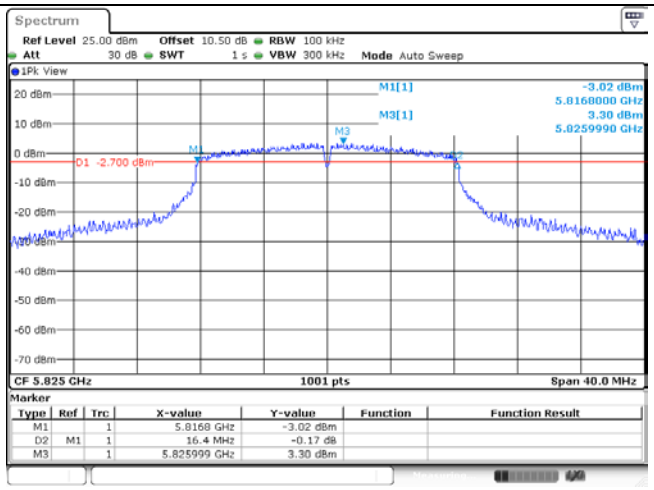
26dB Emission Bandwidth	
802.11n ht40 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 16:09:08
802.11n ht40 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 16:17:36
802.11ac vht80 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 16:46:15

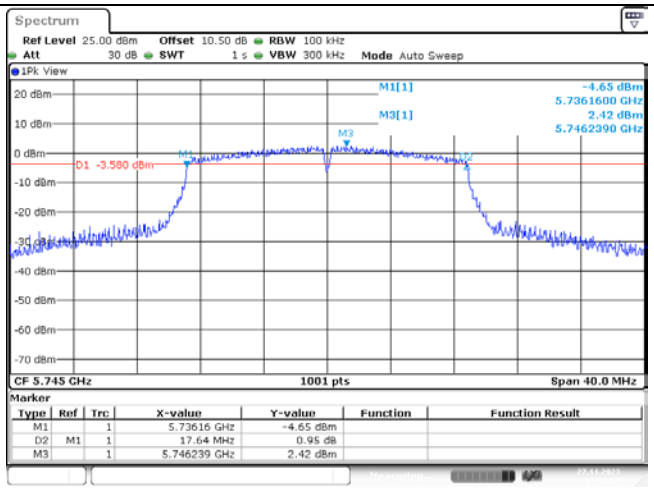
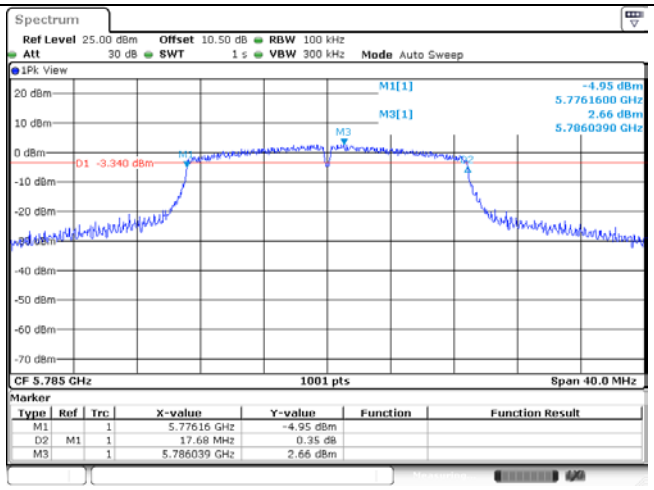
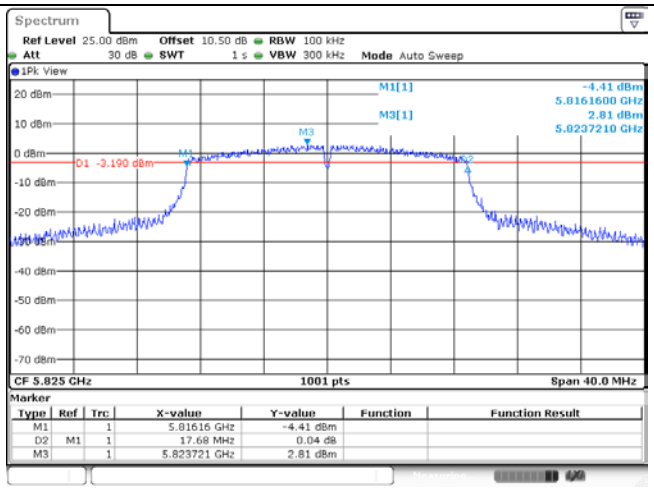
99% Emission Bandwidth	
802.11a Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 15:43:12
802.11a Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 15:47:36
802.11a Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 15:51:13

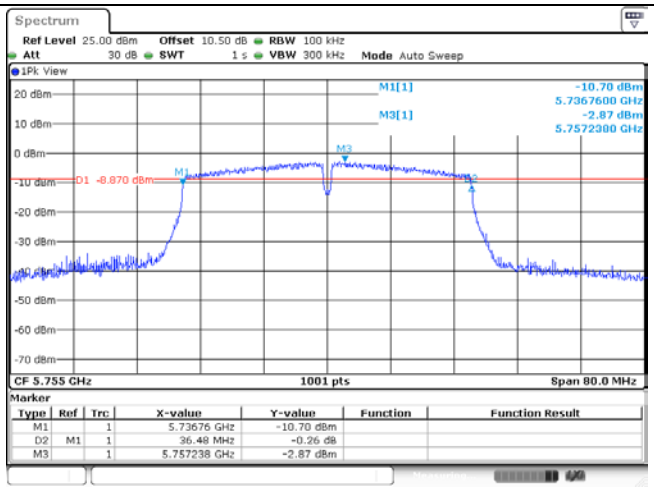
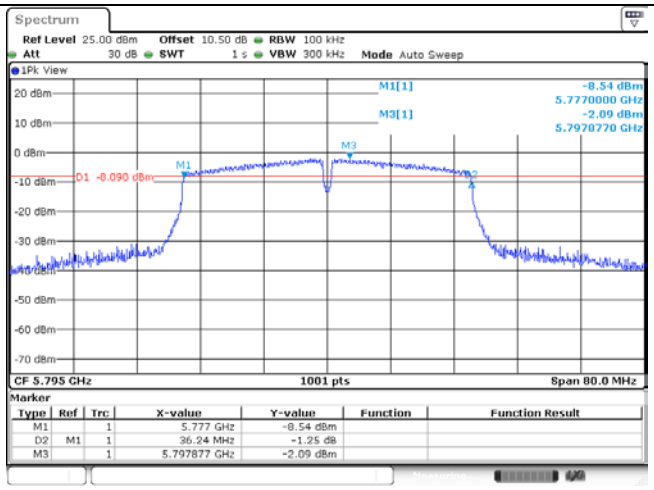
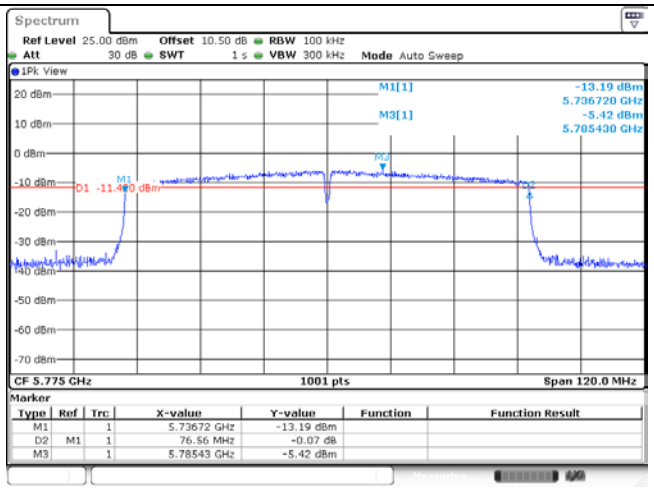
99% Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

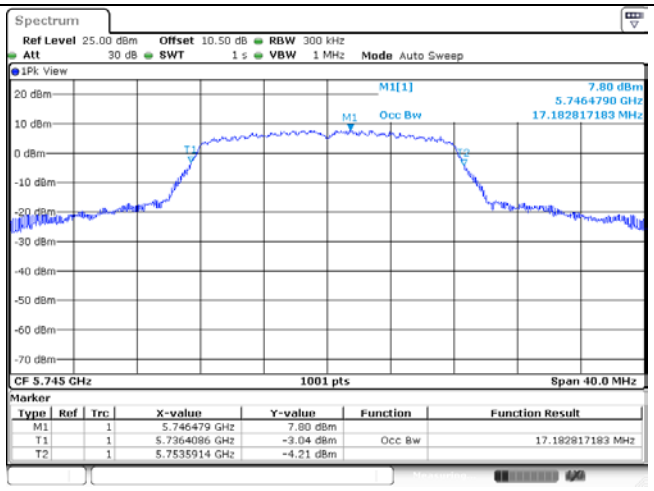
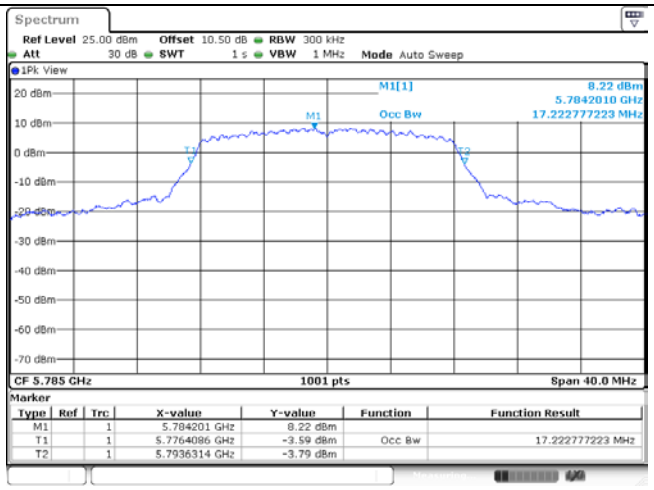
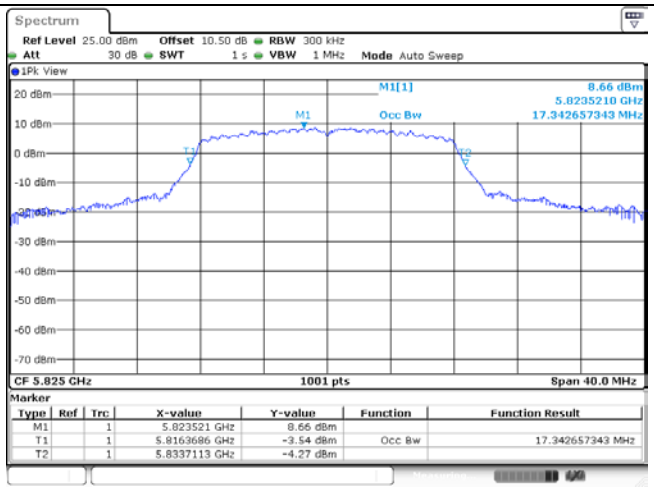
99% Emission Bandwidth	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	
802.11ac vht80 Middle Channel	

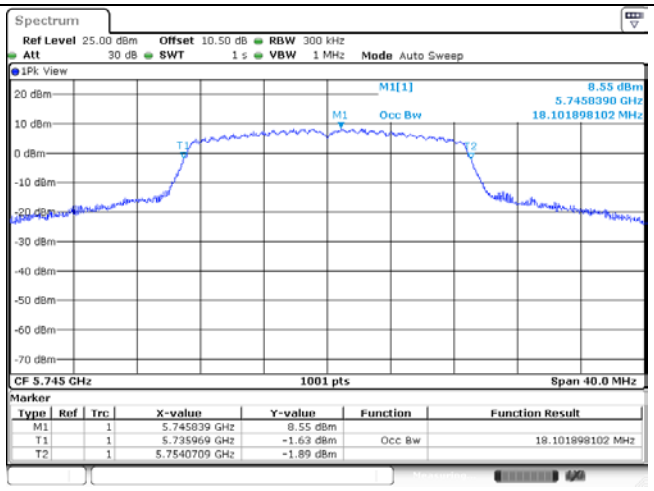
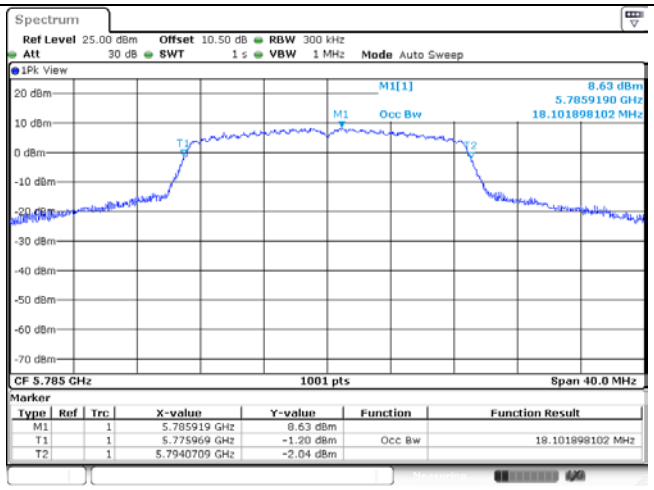
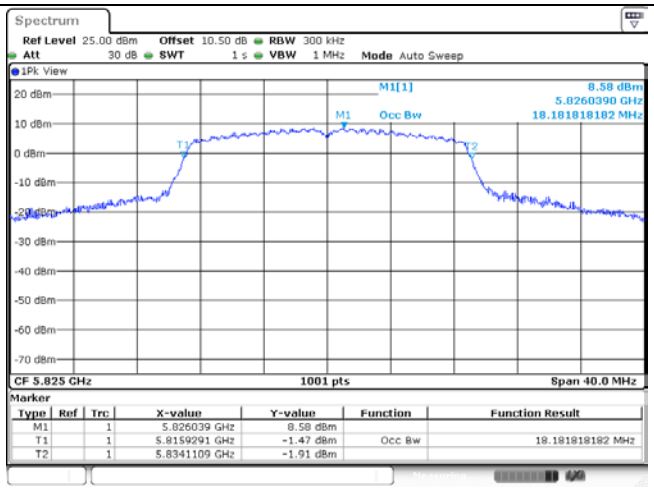
5725-5850MHz:

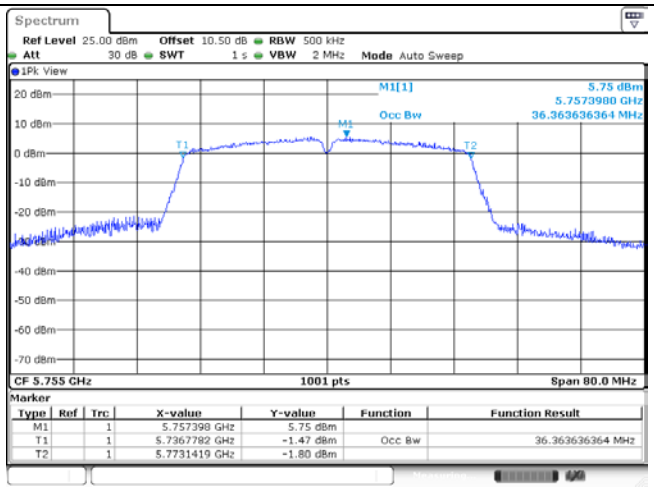
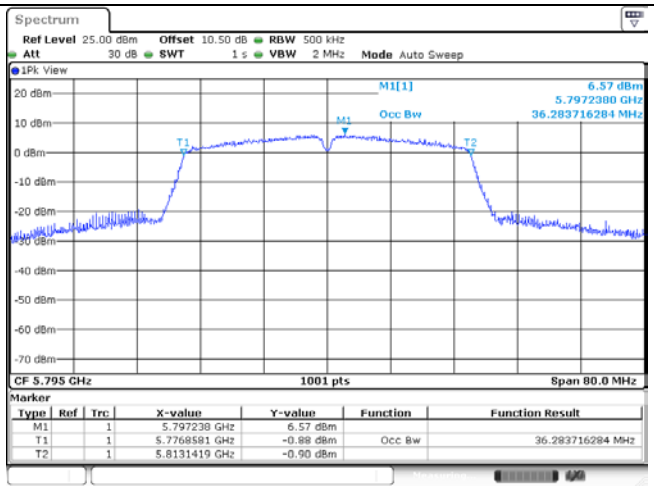
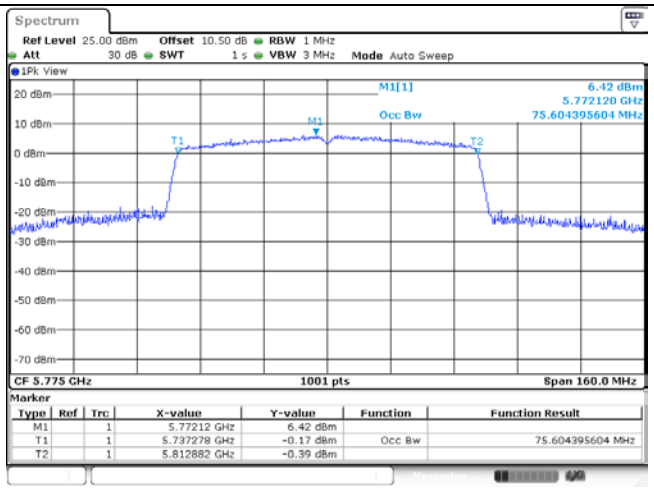
6dB Emission Bandwidth	
802.11a Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 16:52:32
802.11a Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 16:58:44
802.11a Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:03:10

6dB Emission Bandwidth	
802.11n ht20 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 27.NOV.2023 11:53:57
802.11n ht20 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:14:54
802.11n ht20 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:19:40

6dB Emission Bandwidth	
802.11n ht40 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:24:52
802.11n ht40 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:29:20
802.11ac vht80 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:51:02

99% Emission Bandwidth	
802.11a Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 16:51:59
802.11a Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 16:57:59
802.11a Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:02:26

99% Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

99% Emission Bandwidth	
802.11n ht40 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:24:19
802.11n ht40 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:28:36
802.11ac vht80 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:50:30

4.4 Maximum Conducted Output Power:

Serial Number:	2CII-1	Test Date:	2023/11/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	24.3	Relative Humidity: (%)	52	ATM Pressure: (kPa)	100.4

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	211003	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	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:

Antenna 0

5150-5250MHz

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5180	13.26	24
	5200	13.55	24
	5240	13.71	24
802.11n ht20	5180	13.54	24
	5200	13.74	24
	5240	13.51	24
802.11n ht40	5190	11.71	24
	5230	11.85	24
802.11ac vht80	5210	11.68	24
Note: The device is a client device.			

5725-5850MHz

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5745	15.13	30
	5785	14.8	30
	5825	14.71	30
802.11n ht20	5745	15.05	30
	5785	14.63	30
	5825	14.57	30
802.11n ht40	5755	13.34	30
	5795	12.9	30
802.11ac vht80	5775	13.25	30

Antenna 1:

5150-5250MHz

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5180	14.85	24
	5200	14.99	24
	5240	15.32	24
802.11n ht20	5180	14.82	24
	5200	15.17	24
	5240	15.36	24
802.11n ht40	5190	12.84	24
	5230	12.70	24
802.11ac vht80	5210	12.87	24
Note: The device is a client device.			

5725-5850MHz

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5745	15.44	30
	5785	15.86	30
	5825	16.19	30
802.11n ht20	5745	15.84	30
	5785	15.85	30
	5825	16.20	30
802.11n ht40	5755	13.30	30
	5795	13.98	30
802.11ac vht80	5775	13.64	30

4.5 Maximum power spectral density:

Serial Number:	2CII-1	Test Date:	2023/11/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	24.3	Relative Humidity: (%)	52	ATM Pressure: (kPa)	100.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101590	2022/11/25	2023/11/24
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	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:

Antenna 0:

5150-5250MHz

Test Modes	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/MHz)	
				Result	Limit
802.11a	5180	2.65	/	2.65	11
	5200	3.32	/	3.32	11
	5240	3.32	/	3.32	11
802.11n ht20	5180	3.25	/	3.25	11
	5200	3.06	/	3.06	11
	5240	3.17	/	3.17	11
802.11n ht40	5190	-1.80	/	-1.80	11
	5230	-1.93	/	-1.93	11
802.11ac vht80	5210	-5.14	/	-5.14	11

Note:
The device is a client device.
Duty cycle ≥98%, method ANSI C63.10-2013 Section 12.3.2.2 was used.

5725-5850MHz

Test Modes	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/500kHz)	
				Result	Limit
802.11a	5745	1.92	/	1.92	30
	5785	1.72	/	1.72	30
	5825	1.61	/	1.61	30
802.11n ht20	5745	1.62	/	1.62	30
	5785	1.27	/	1.27	30
	5825	1.23	/	1.23	30
802.11n ht40	5755	-3.00	/	-3.00	30
	5795	-3.33	/	-3.33	30
802.11ac vht80	5775	-6.14	/	-6.14	30

Note:
Duty cycle ≥98%, method ANSI C63.10-2013 Section 12.3.2.2 was used.

Antenna 1:

5150-5250MHz

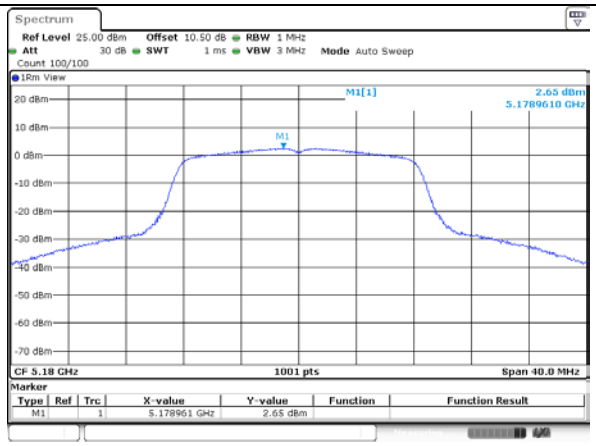
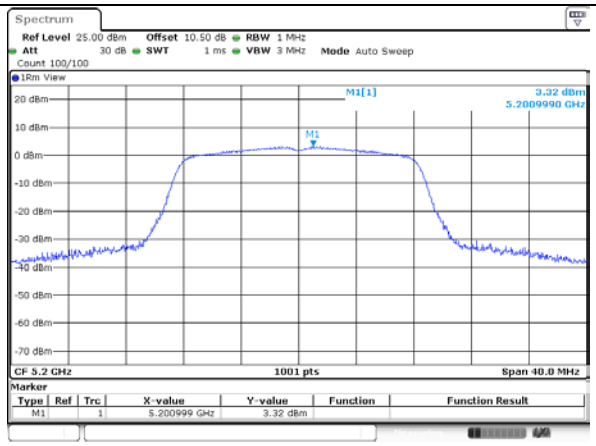
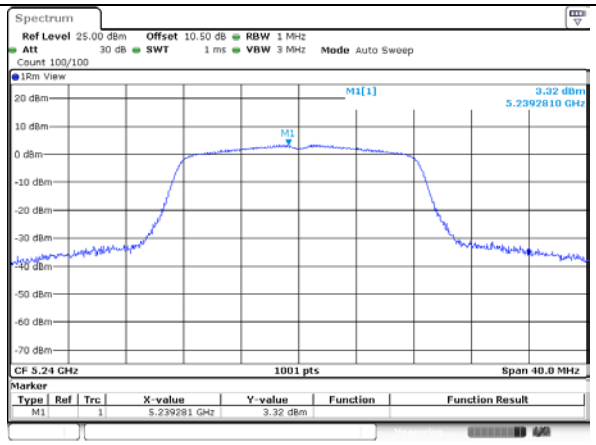
Test Modes	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/MHz)	
				Result	Limit
802.11a	5180	4.44	/	4.44	11
	5200	4.67	/	4.67	11
	5240	4.88	/	4.88	11
802.11n ht20	5180	4.34	/	4.34	11
	5200	4.52	/	4.52	11
	5240	4.74	/	4.74	11
802.11n ht40	5190	-0.88	/	-0.88	11
	5230	-0.68	/	-0.68	11
802.11ac vht80	5210	-3.90	/	-3.90	11

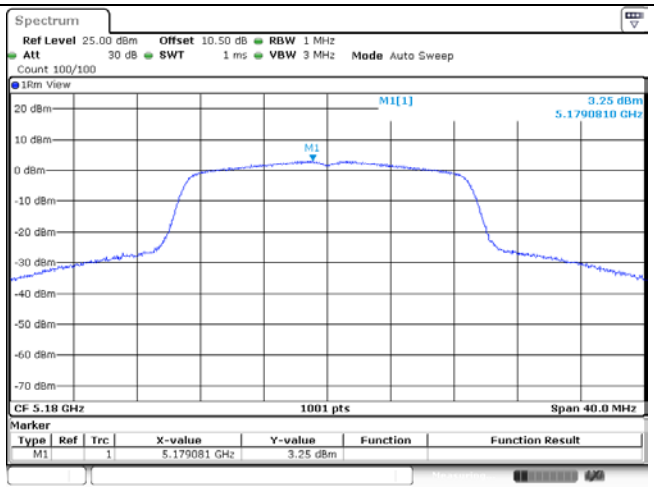
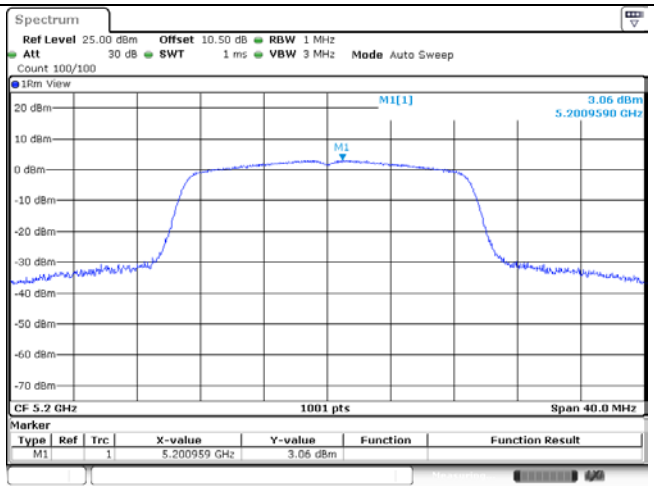
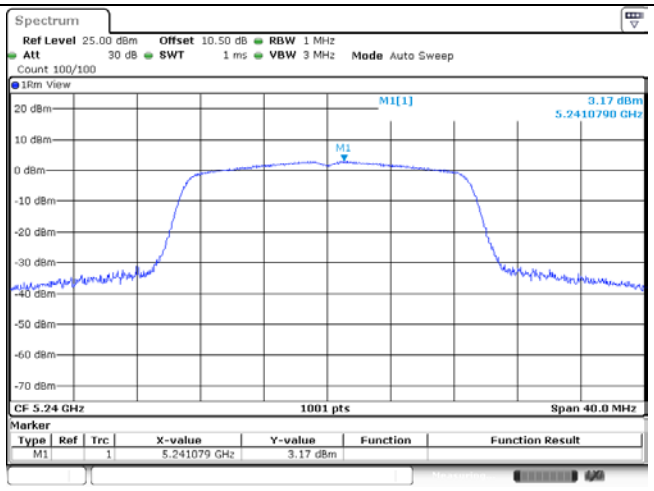
Note:
The device is a client device.
Duty cycle ≥98%, method ANSI C63.10-2013 Section 12.3.2.2 was used.

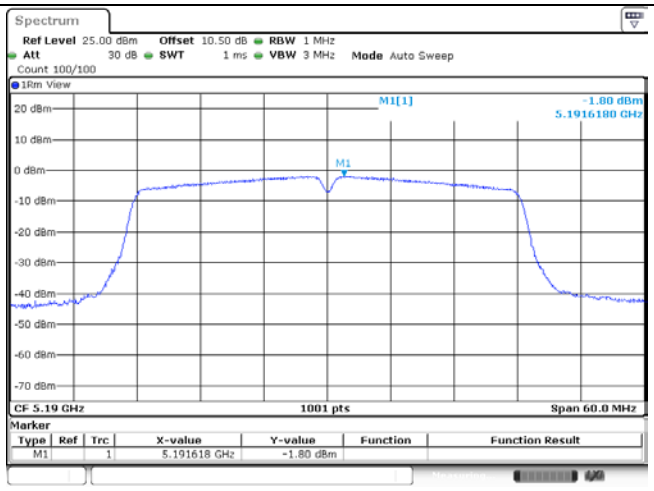
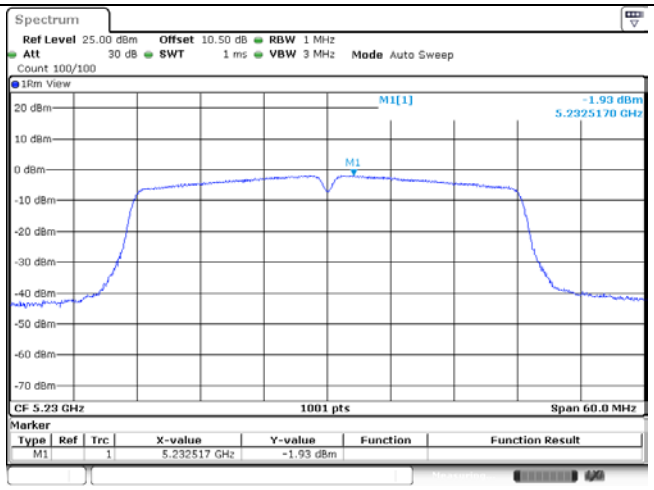
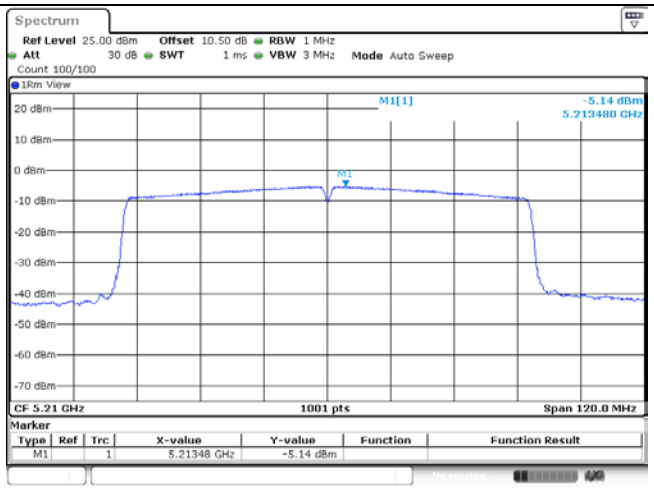
5725-5850MHz

Test Modes	Test Frequency(MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/500kHz)	
				Result	Limit
802.11a	5745	2.46	/	2.46	30
	5785	2.65	/	2.65	30
	5825	3.13	/	3.13	30
802.11n ht20	5745	1.97	/	1.97	30
	5785	2.66	/	2.66	30
	5825	2.76	/	2.76	30
802.11n ht40	5755	-3.06	/	-3.06	30
	5795	-2.12	/	-2.12	30
802.11ac vht80	5775	-6.08	/	-6.08	30
Note: Duty cycle ≥98%, method ANSI C63.10-2013 Section 12.3.2.2 was used.					

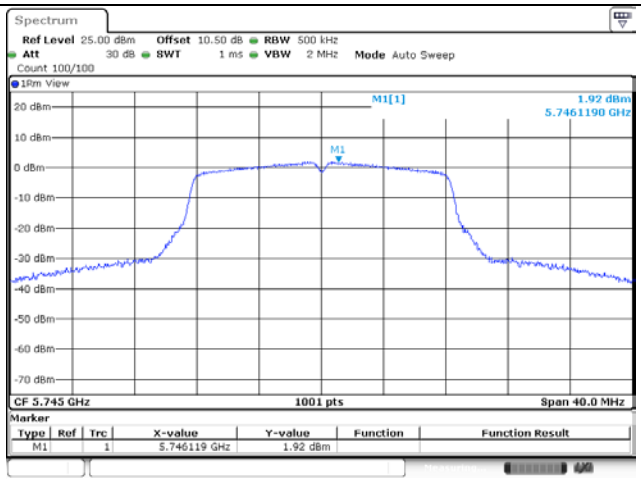
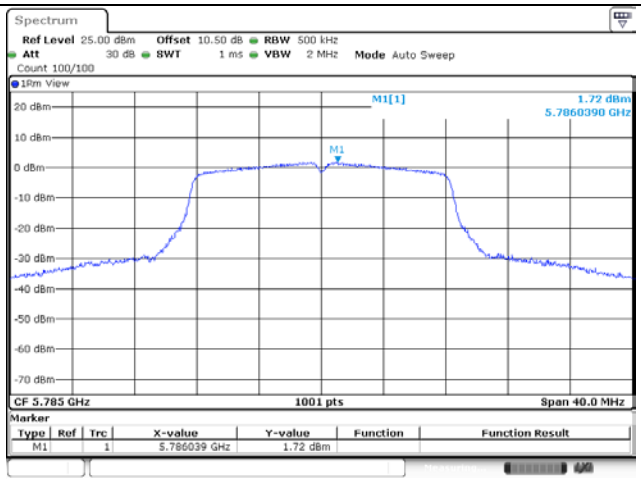
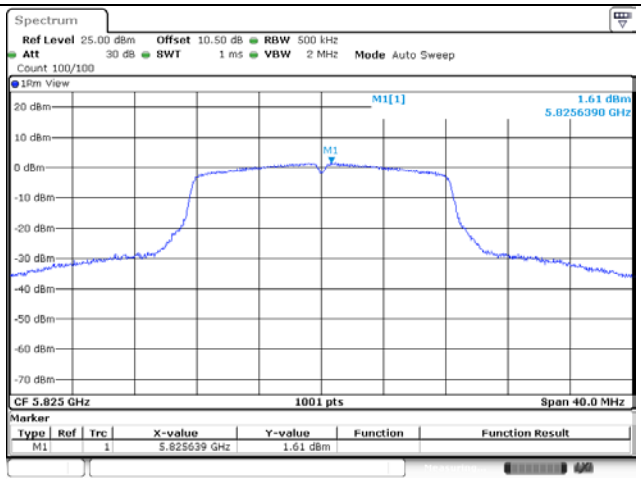
Antenna 0:
5150-5250MHz

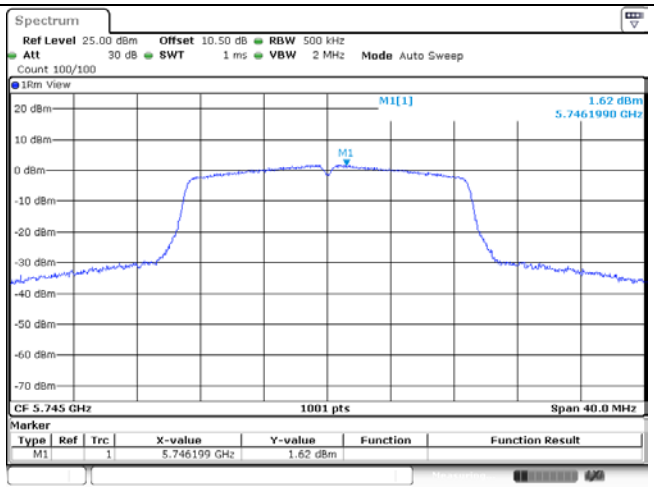
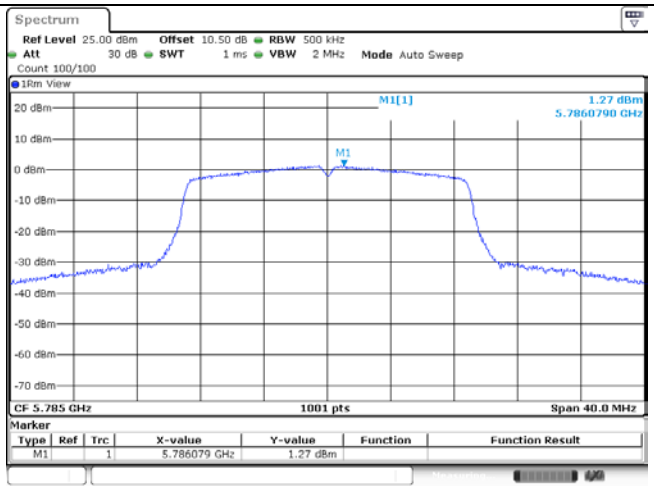
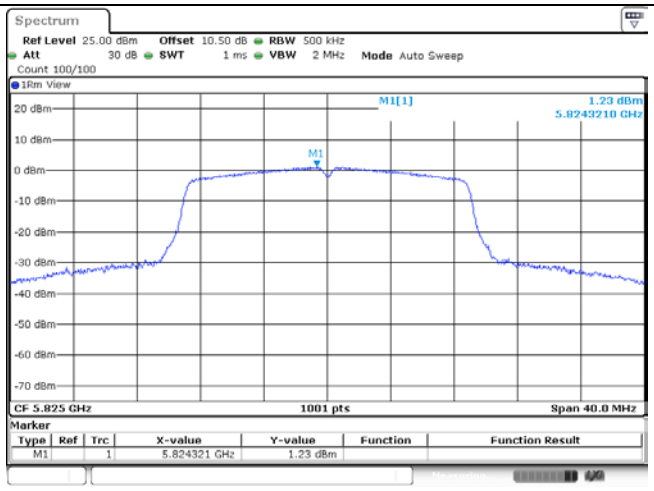
Maximum power spectral density	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

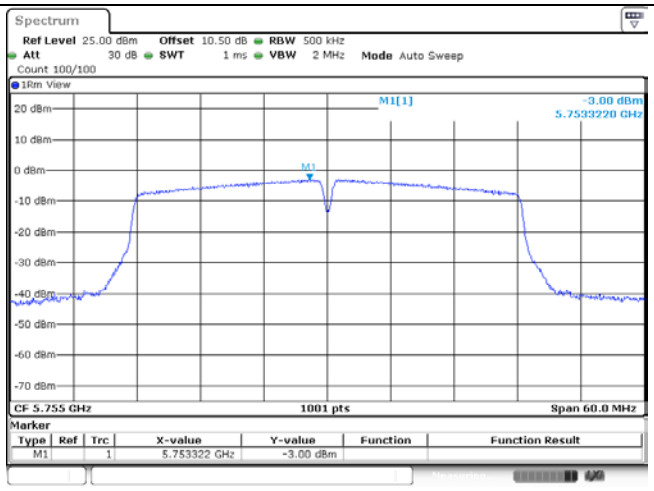
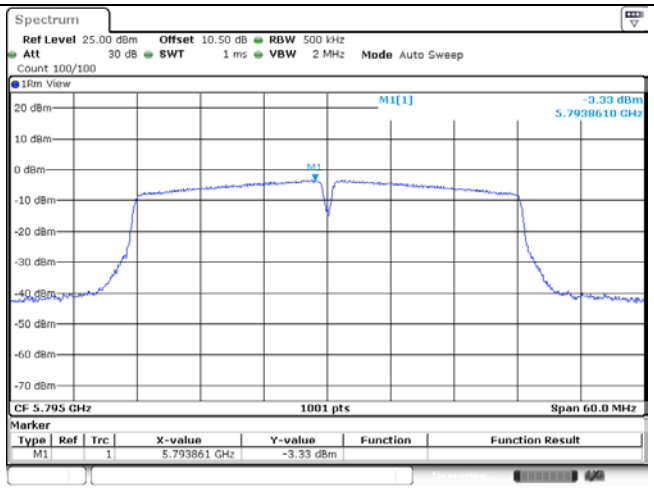
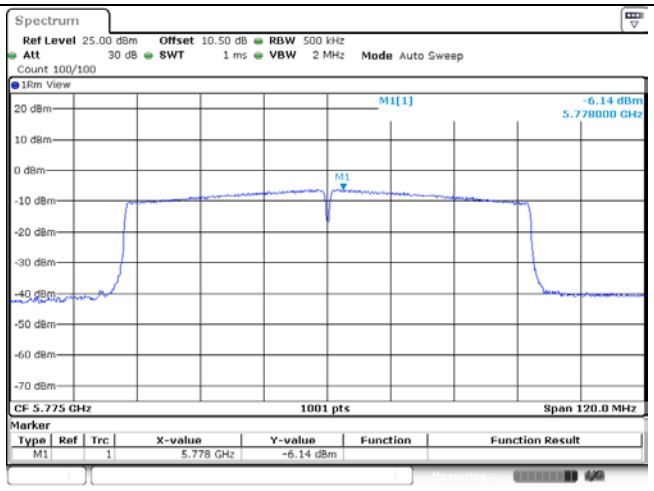
Maximum power spectral density	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

Maximum power spectral density	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	
802.11ac vht80 Middle Channel	

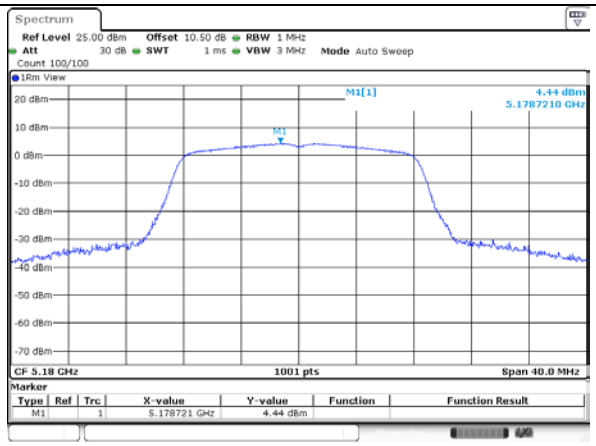
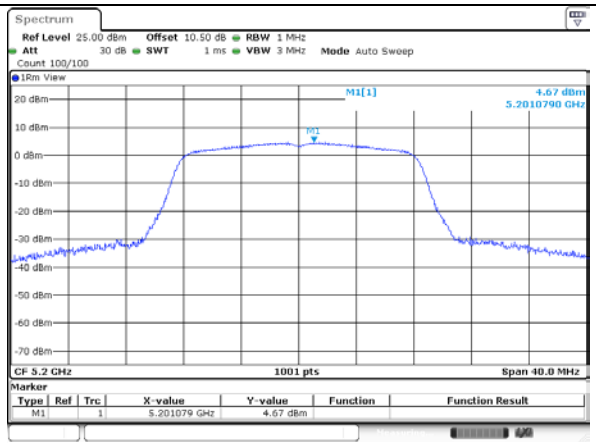
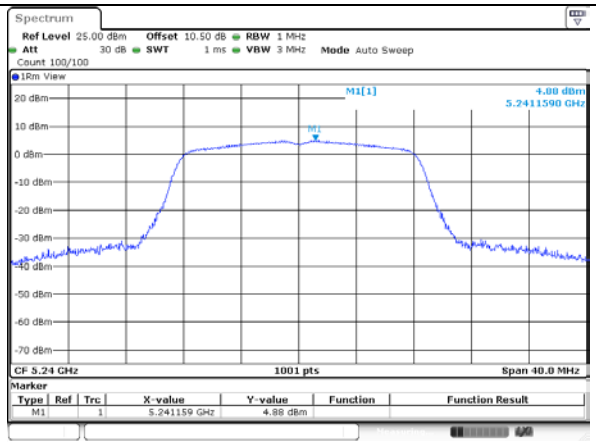
Antenna 0:
5725-5850MHz

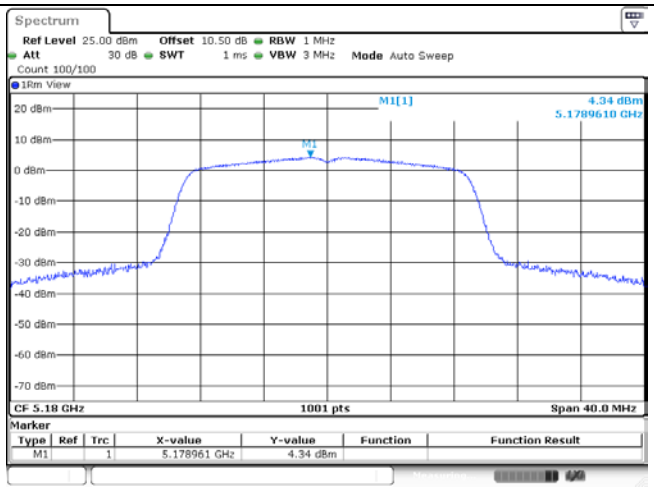
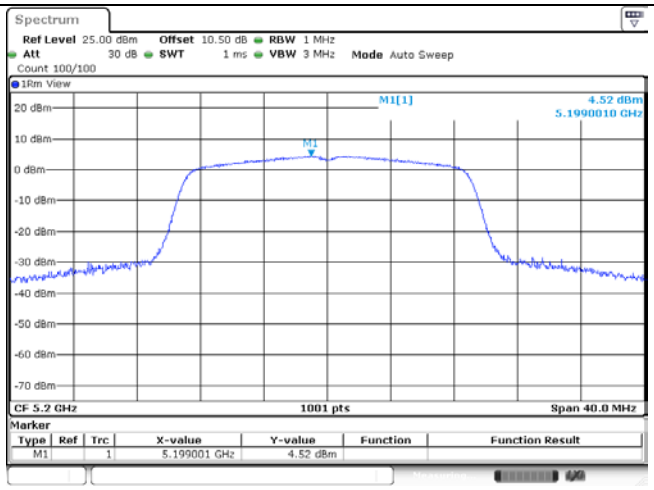
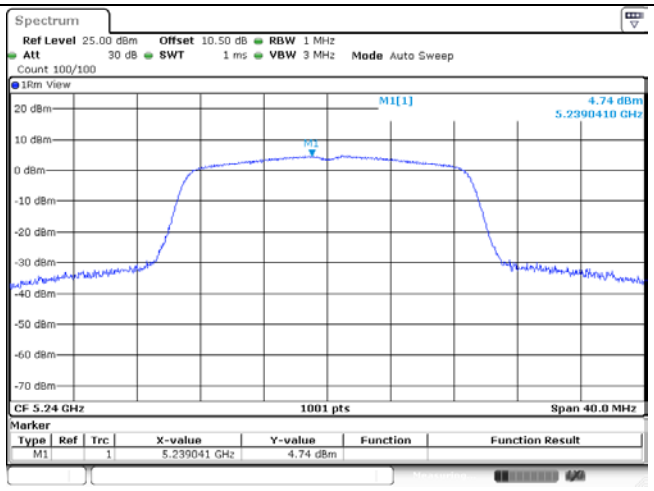
Maximum power spectral density	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

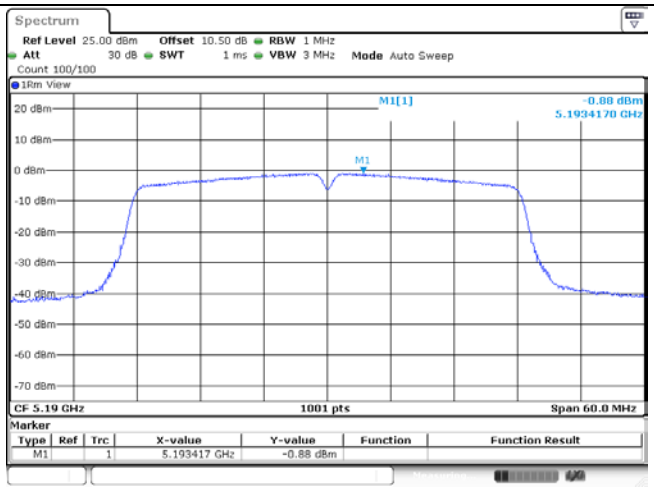
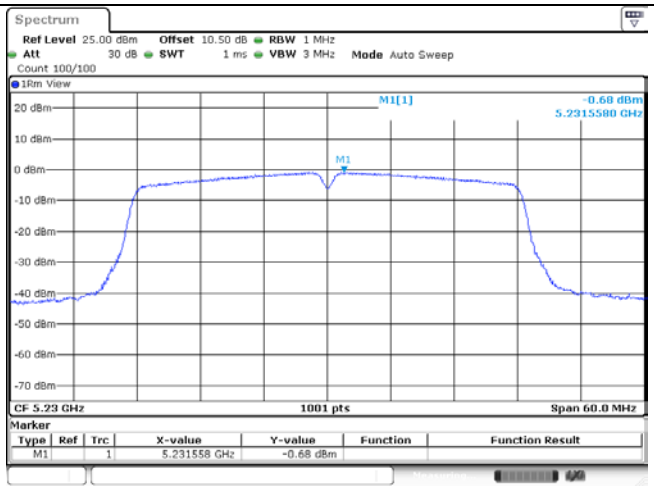
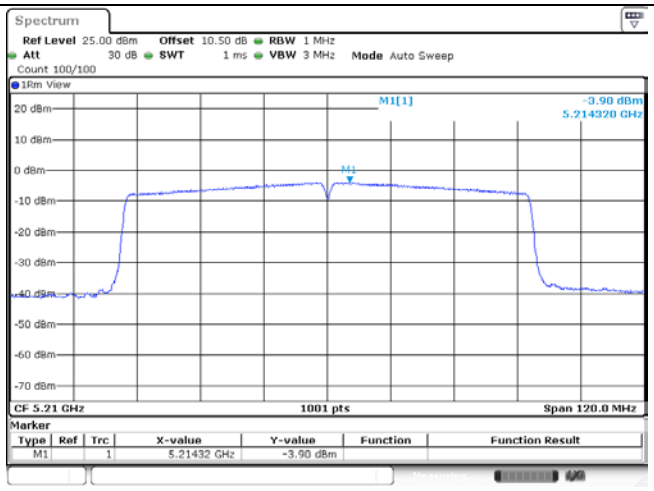
Maximum power spectral density	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

Maximum power spectral density	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	
802.11ac vht80 Middle Channel	

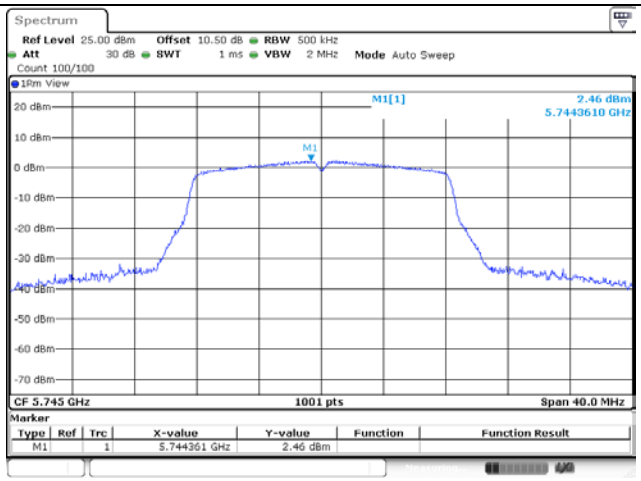
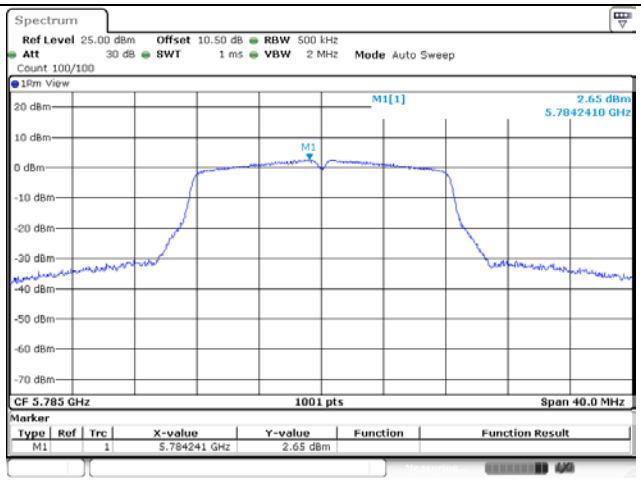
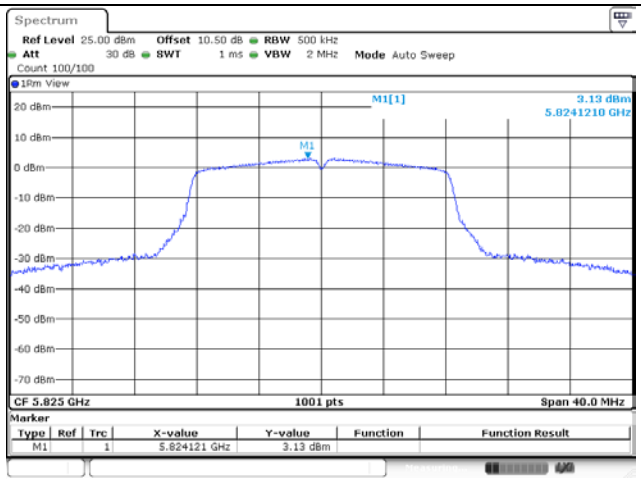
Antenna 1:
5150-5250MHz

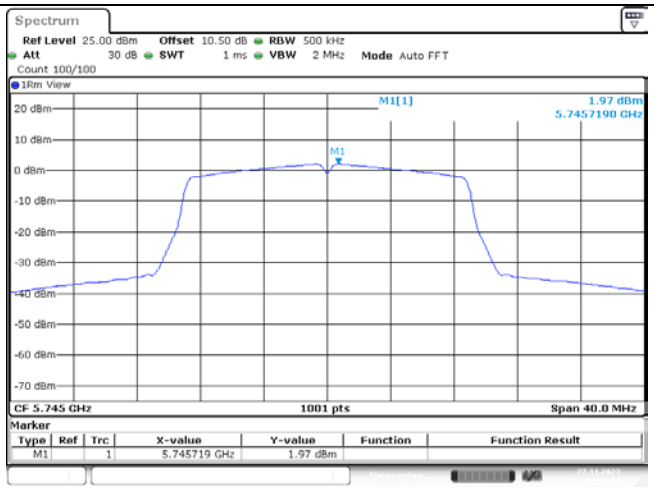
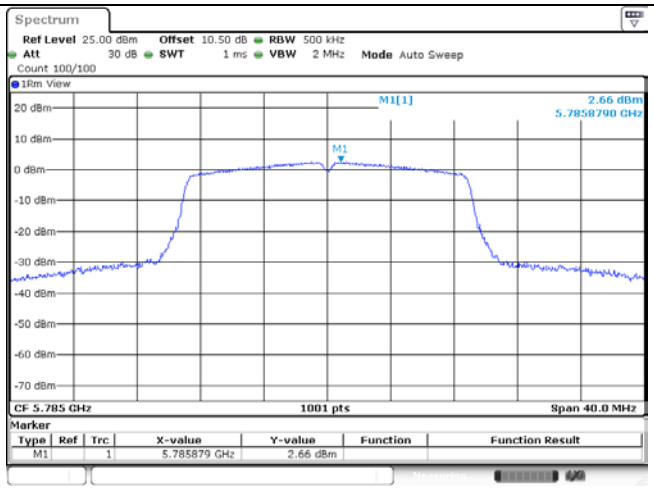
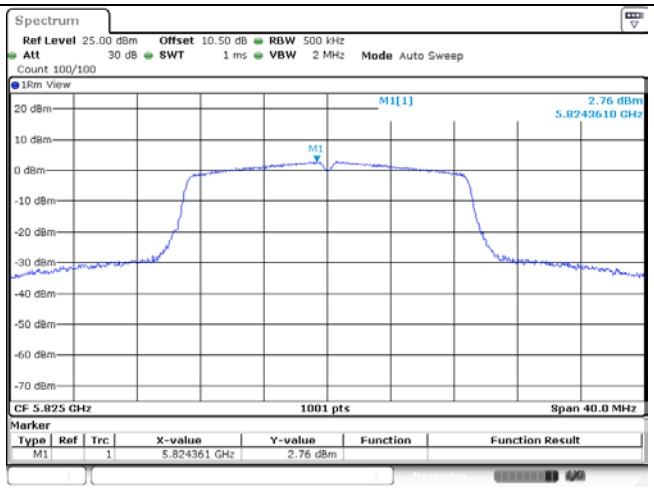
Maximum power spectral density	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

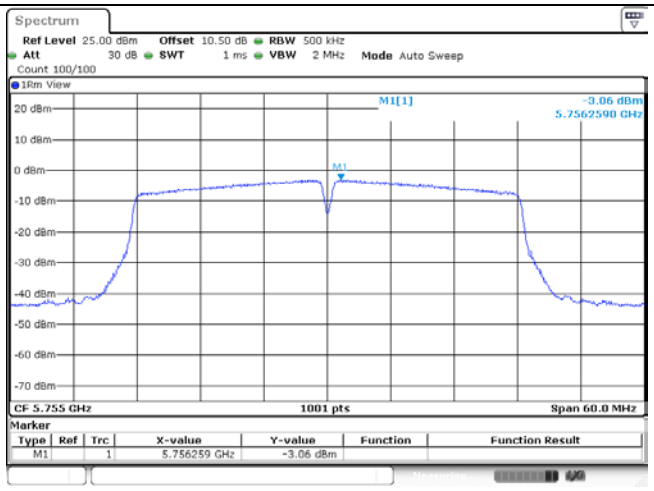
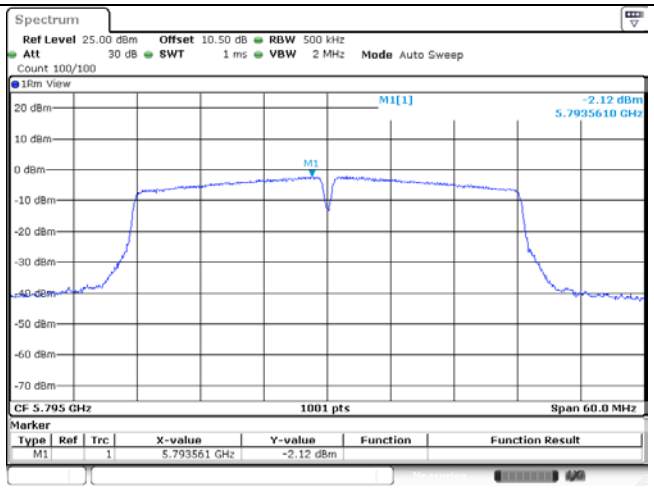
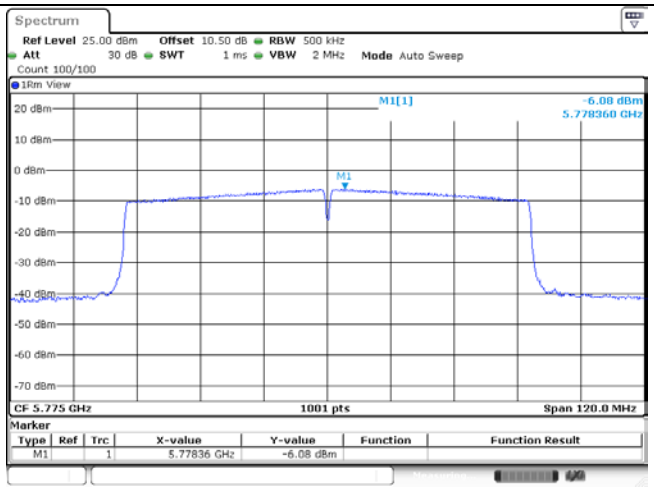
Maximum power spectral density	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

Maximum power spectral density	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	
802.11ac vht80 Middle Channel	

Antenna 1:
5725-5850MHz

Maximum power spectral density	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

Maximum power spectral density	
802.11n ht20 Lowest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 27.NOV.2023 11:54:14
802.11n ht20 Middle Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:15:13
802.11n ht20 Highest Channel	 ProjectNo.:CR231061506-RF Tester:Lingling Li Date: 11.NOV.2023 17:19:58

Maximum power spectral density	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	
802.11ac vht80 Middle Channel	

4.6 Duty Cycle:

Serial Number:	2CII-1	Test Date:	2023/11/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	N/A

Environmental Conditions:					
Temperature: (℃)	24.3	Relative Humidity: (%)	52	ATM Pressure: (kPa)	100.4

Test Equipment List and Details:

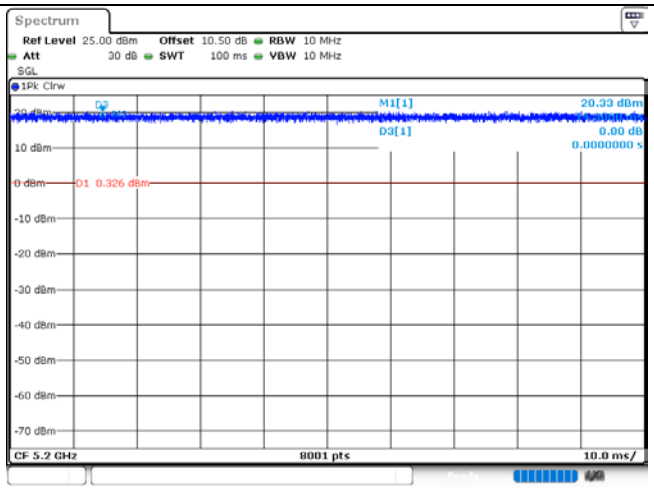
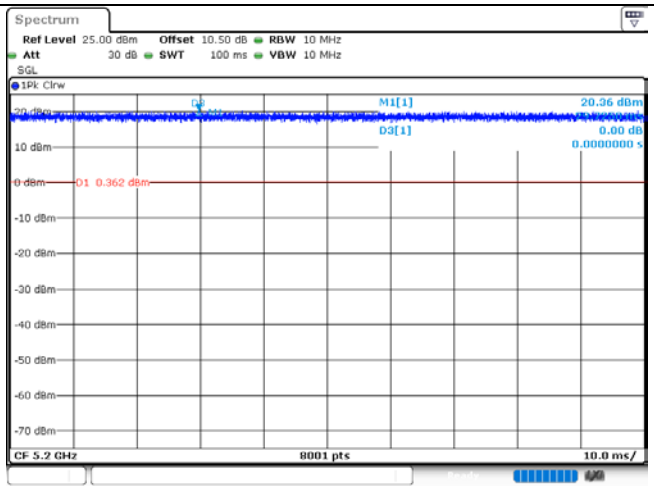
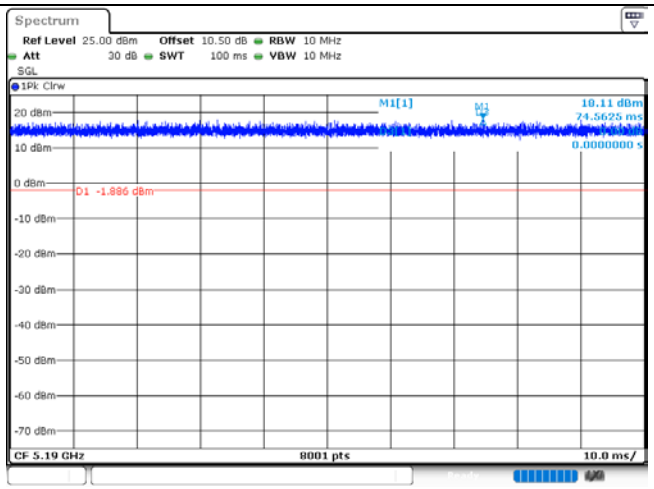
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101590	2022/11/25	2023/11/24
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	Each time	N/A

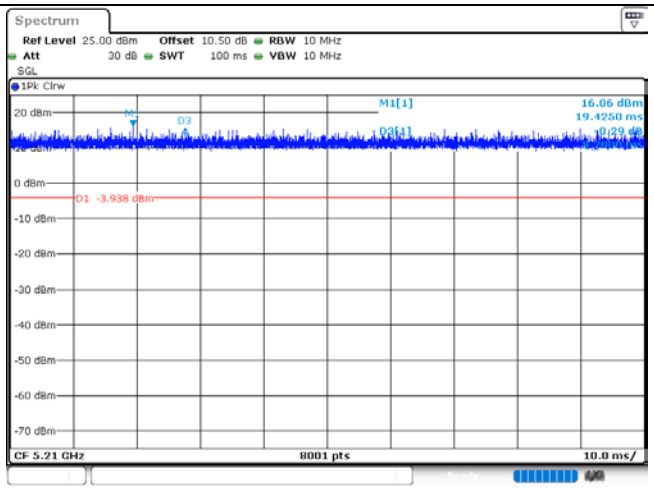
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

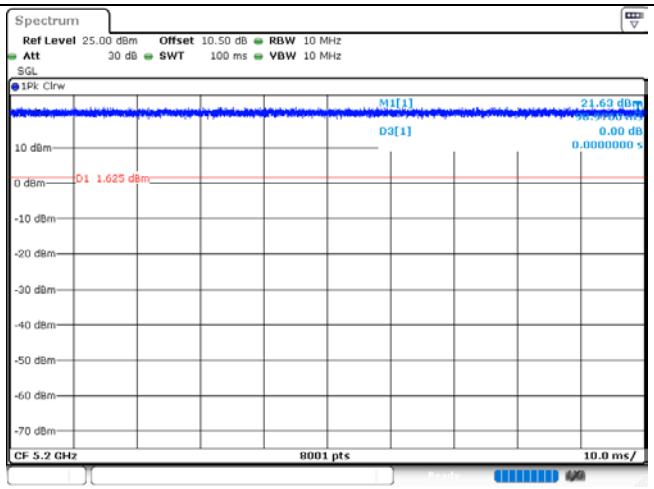
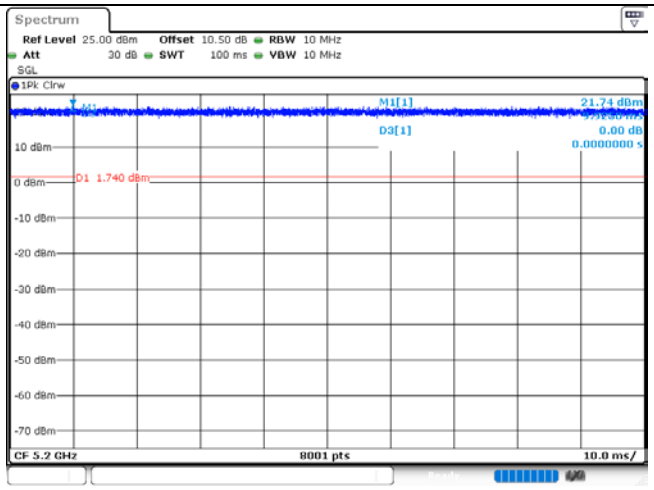
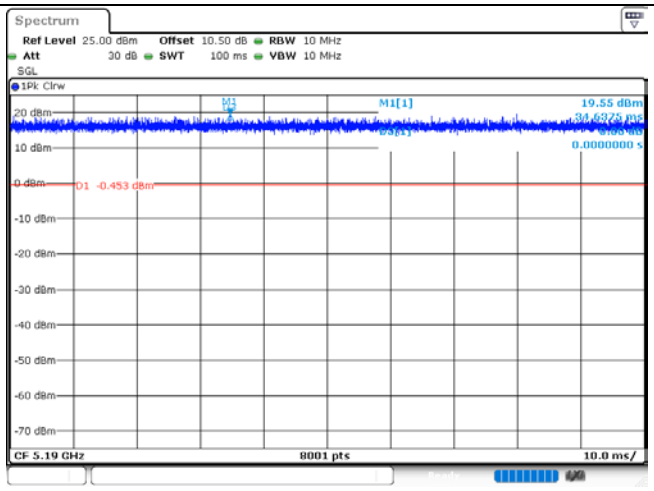
Test Modes	Ton (ms)	Ton+off (ms)	Duty cycle (%)	1/T (Hz)	Duty Cycle Factor (dB)	VBW Setting (Hz)
802.11a	100	100	100.00	/	/	10
802.11n ht20	100	100	100.00	/	/	10
802.11n ht40	100	100	100.00	/	/	10
802.11ac vht80	100	100	100.00	/	/	10

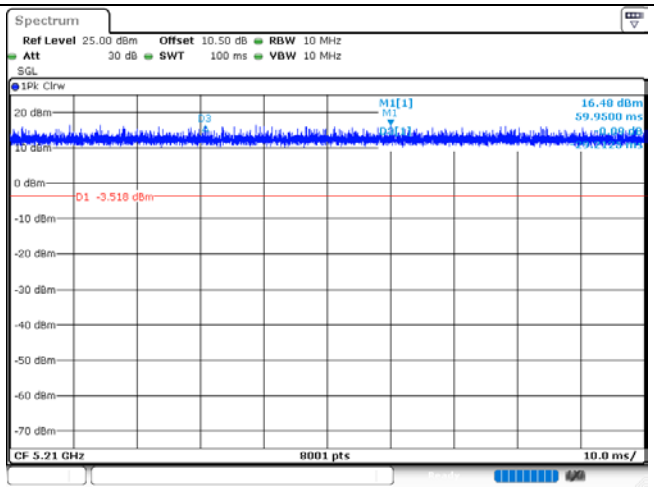
Antenna 0:

Duty Cycle	
802.11a	
802.11n ht20	
802.11n ht40	

802.11ac vht80	

Antenna 1:

Duty Cycle	
802.11a	
802.11n ht20	
802.11n ht40	

802.11ac vht80	

5. EUT PHOTOGRAPHS

Please refer to the attachment CR231061506-EXP EUT EXTERNAL PHOTOGRAPHS and CR231061506-INP EUT INTERNAL PHOTOGRAPHS

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR231061506-00E-TSP TEST SETUP PHOTOGRAPHS.

===== END OF REPORT =====