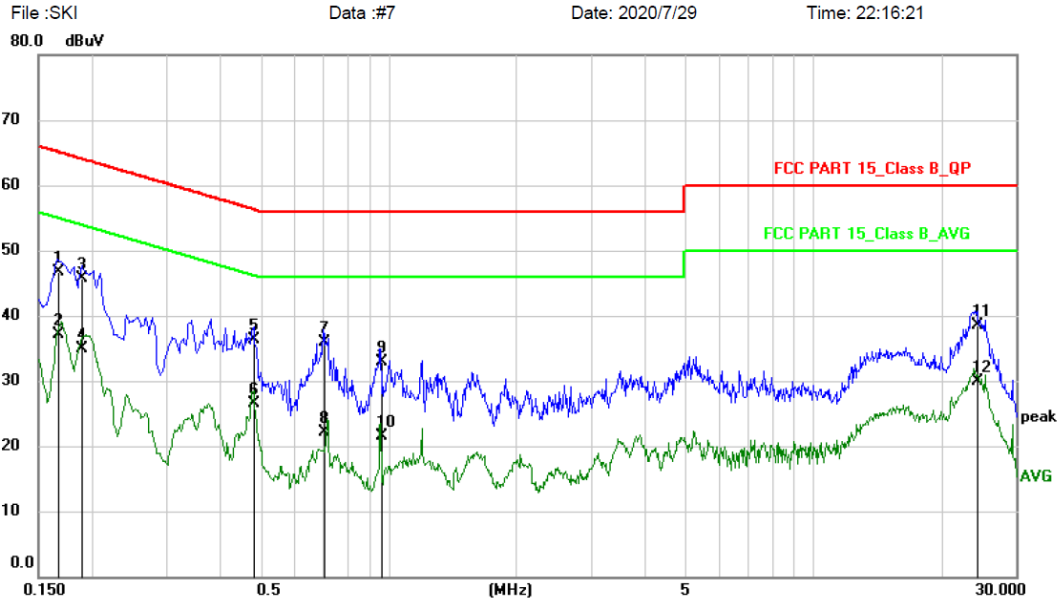




Dongguan NTC Co., Ltd.
Tel: +86-769-22022444 Fax: +86-769-22022799
Web: [Http://www.ntc-c.com](http://www.ntc-c.com)

Conducted Emission Measurement



Site: Phase: **L1** Temperature: 26
Limit: FCC PART 15_Class B_QP Power: AC120V/60Hz Humidity: 50 %
EUT: WIFI Bluetooth module
M/N: SKI.WB7638U.1_MT7668BU
Mode: TX(5.1G WLAN)
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1660	36.10	10.60	46.70	65.16	-18.46	QP	
2	*	0.1660	26.50	10.60	37.10	55.16	-18.06	AVG	
3		0.1900	35.10	10.60	45.70	64.04	-18.34	QP	
4		0.1900	24.40	10.60	35.00	54.04	-19.04	AVG	
5		0.4820	25.77	10.63	36.40	56.30	-19.90	QP	
6		0.4820	15.87	10.63	26.50	46.30	-19.80	AVG	
7		0.7019	25.24	10.66	35.90	56.00	-20.10	QP	
8		0.7019	11.54	10.66	22.20	46.00	-23.80	AVG	
9		0.9620	22.21	10.69	32.90	56.00	-23.10	QP	
10		0.9620	10.91	10.69	21.60	46.00	-24.40	AVG	
11		24.3779	27.82	10.78	38.60	60.00	-21.40	QP	
12		24.3779	19.12	10.78	29.90	50.00	-20.10	AVG	



Dongguan NTC Co., Ltd.
Tel: +86-769-22022444 Fax: +86-769-22022799
Web: [Http://www.ntc-c.com](http://www.ntc-c.com)

Conducted Emission Measurement

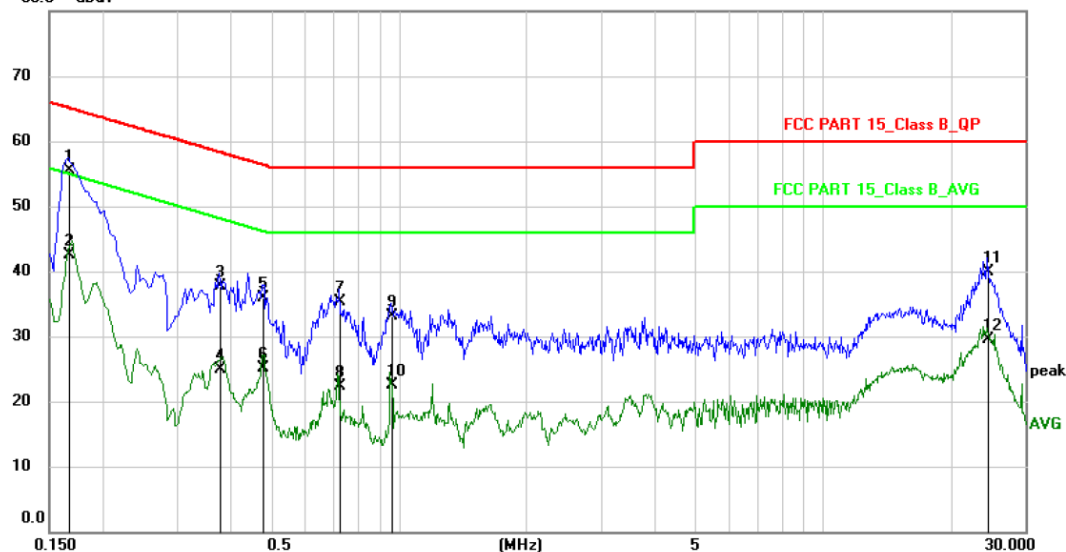
File :SKI

Data :#8

Date: 2020/7/29

Time: 22:23:02

80.0 dBuV



Site

Phase: **N**

Temperature: 26

Limit: FCC PART 15_Class B_QP

Power: AC120V/60Hz

Humidity: 50 %

EUT: WIFI Bluetooth module

M/N: SKI.WB7638U.1_MT7668BU

Mode: TX(5.1G WLAN)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1660	45.00	10.60	55.60	65.16	-9.56	QP	
2		0.1660	32.00	10.60	42.60	55.16	-12.56	AVG	
3		0.3780	27.09	10.61	37.70	58.32	-20.62	QP	
4		0.3780	14.29	10.61	24.90	48.32	-23.42	AVG	
5		0.4780	25.27	10.63	35.90	56.37	-20.47	QP	
6		0.4780	14.47	10.63	25.10	46.37	-21.27	AVG	
7		0.7260	24.64	10.66	35.30	56.00	-20.70	QP	
8		0.7260	11.74	10.66	22.40	46.00	-23.60	AVG	
9		0.9620	22.41	10.69	33.10	56.00	-22.90	QP	
10		0.9620	11.81	10.69	22.50	46.00	-23.50	AVG	
11		24.5140	29.22	10.78	40.00	60.00	-20.00	QP	
12		24.5140	18.72	10.78	29.50	50.00	-20.50	AVG	



Dongguan NTC Co., Ltd.
Tel: +86-769-22022444 Fax: +86-769-22022799
Web: <http://www.ntc-c.com>

Conducted Emission Measurement

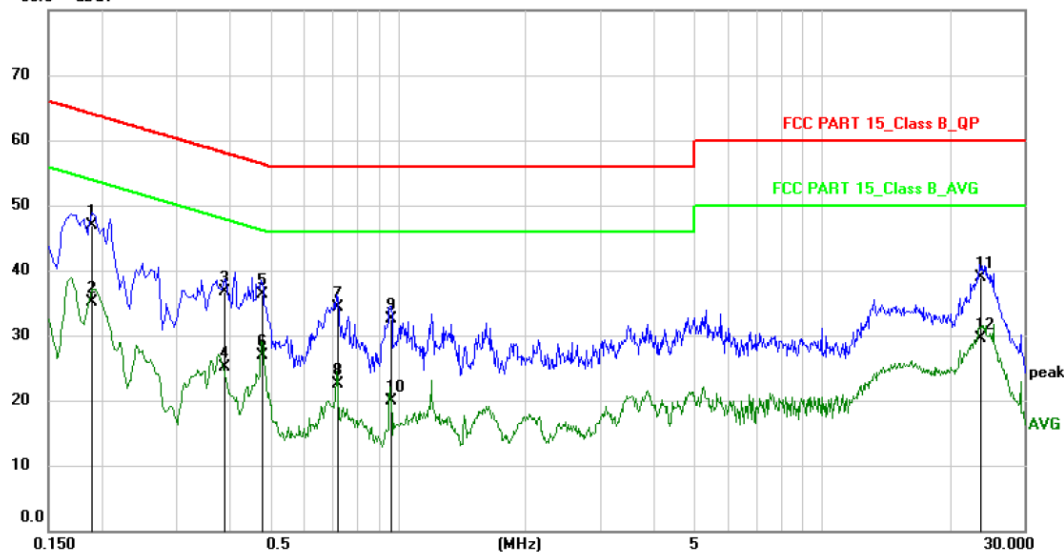
File :SKI

Data :#9

Date: 2020/7/29

Time: 22:30:47

80.0 dBuV



Site

Phase: **L1**

Temperature: 26

Limit: FCC PART 15_Class B_QP

Power: AC120V/60Hz

Humidity: 50 %

EUT: WIFI Bluetooth module

M/N: SKI.WB7638U.1_MT7668BU

Mode: TX(5.2G WLAN)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1900	36.30	10.60	46.90	64.04	-17.14	QP	
2		0.1900	24.50	10.60	35.10	54.04	-18.94	AVG	
3		0.3899	26.09	10.61	36.70	58.07	-21.37	QP	
4		0.3899	14.59	10.61	25.20	48.07	-22.87	AVG	
5		0.4780	25.77	10.63	36.40	56.37	-19.97	QP	
6		0.4780	16.37	10.63	27.00	46.37	-19.37	AVG	
7		0.7180	23.64	10.66	34.30	56.00	-21.70	QP	
8		0.7180	11.84	10.66	22.50	46.00	-23.50	AVG	
9		0.9620	21.81	10.69	32.50	56.00	-23.50	QP	
10		0.9620	9.31	10.69	20.00	46.00	-26.00	AVG	
11		23.5500	28.12	10.78	38.90	60.00	-21.10	QP	
12		23.5500	18.82	10.78	29.60	50.00	-20.40	AVG	



Dongguan NTC Co., Ltd.
Tel: +86-769-22022444 Fax: +86-769-22022799
Web: [Http://www.ntc-c.com](http://www.ntc-c.com)

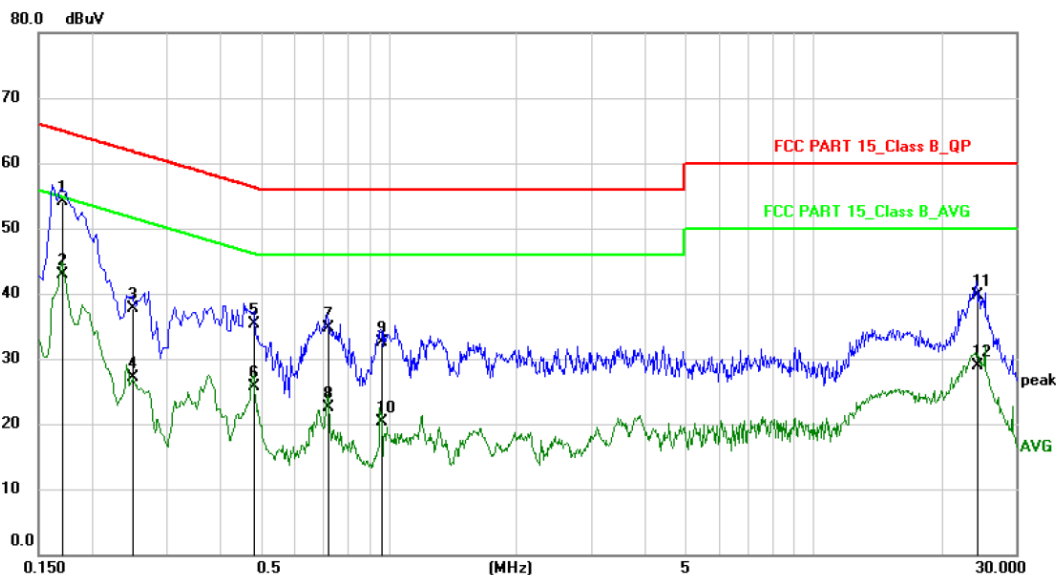
Conducted Emission Measurement

File :SKI

Data :#10

Date: 2020/7/29

Time: 22:37:37



Site

Phase: **N**

Temperature: 26

Limit: FCC PART 15_Class B_QP

Power: AC120V/60Hz

Humidity: 50 %

EUT: WIFI Bluetooth module

M/N: SKI.WB7638U.1_MT7668BU

Mode: TX(5.2G WLAN)

Note:

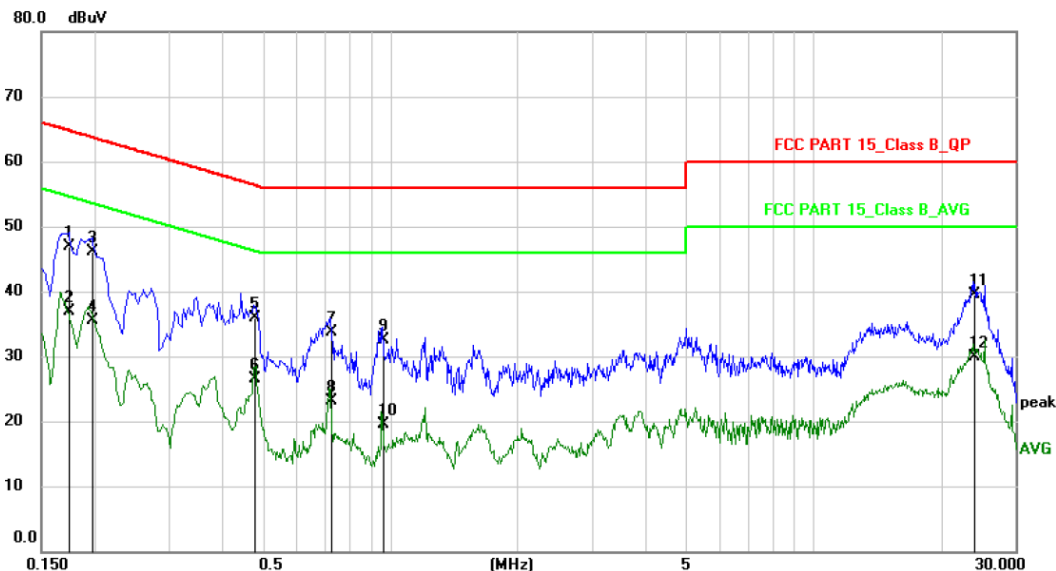
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1700	43.50	10.60	54.10	64.96	-10.86	QP	
2		0.1700	32.30	10.60	42.90	54.96	-12.06	AVG	
3		0.2500	27.20	10.60	37.80	61.76	-23.96	QP	
4		0.2500	16.50	10.60	27.10	51.76	-24.66	AVG	
5		0.4820	24.77	10.63	35.40	56.30	-20.90	QP	
6		0.4820	15.17	10.63	25.80	46.30	-20.50	AVG	
7		0.7180	24.14	10.66	34.80	56.00	-21.20	QP	
8		0.7180	11.84	10.66	22.50	46.00	-23.50	AVG	
9		0.9620	21.81	10.69	32.50	56.00	-23.50	QP	
10		0.9620	9.71	10.69	20.40	46.00	-25.60	AVG	
11		24.2420	29.02	10.78	39.80	60.00	-20.20	QP	
12		24.2420	18.12	10.78	28.90	50.00	-21.10	AVG	



Dongguan NTC Co., Ltd.
Tel: +86-769-22022444 Fax: +86-769-22022799
Web: [Http://www.ntc-c.com](http://www.ntc-c.com)

Conducted Emission Measurement

File :SKI Data :#11 Date: 2020/7/29 Time: 22:44:31



Site: Phase: **L1** Temperature: 26
Limit: FCC PART 15_Class B_QP Power: AC120V/60Hz Humidity: 50 %
EUT: WIFI Bluetooth module
M/N: SKI.WB7638U.1_MT7668BU
Mode: TX(5.3G WLAN)
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	36.40	10.60	47.00	64.77	-17.77	QP	
2		0.1740	26.40	10.60	37.00	54.77	-17.77	AVG	
3	*	0.1980	35.60	10.60	46.20	63.69	-17.49	QP	
4		0.1980	25.00	10.60	35.60	53.69	-18.09	AVG	
5		0.4780	25.27	10.63	35.90	56.37	-20.47	QP	
6		0.4780	15.87	10.63	26.50	46.37	-19.87	AVG	
7		0.7260	23.14	10.66	33.80	56.00	-22.20	QP	
8		0.7260	12.44	10.66	23.10	46.00	-22.90	AVG	
9		0.9620	21.81	10.69	32.50	56.00	-23.50	QP	
10		0.9620	8.81	10.69	19.50	46.00	-26.50	AVG	
11		23.9540	28.82	10.78	39.60	60.00	-20.40	QP	
12		23.9540	19.12	10.78	29.90	50.00	-20.10	AVG	



Dongguan NTC Co., Ltd.
Tel: +86-769-22022444 Fax: +86-769-22022799
Web: [Http://www.ntc-c.com](http://www.ntc-c.com)

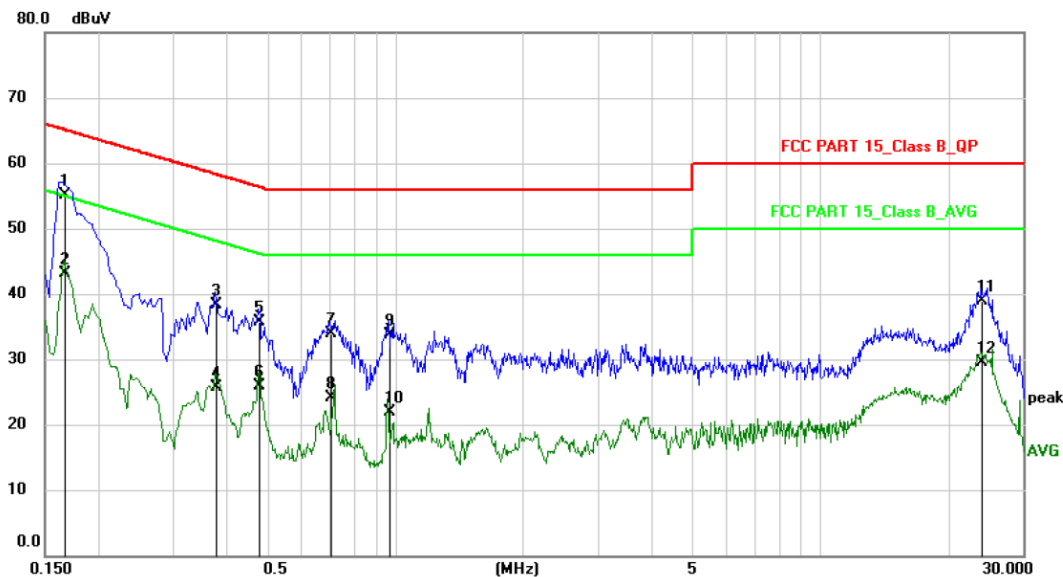
Conducted Emission Measurement

File :SKI

Data :#12

Date: 2020/7/29

Time: 22:51:24



Site

Phase: **N**

Temperature: 26

Limit: FCC PART 15_Class B_QP

Power: AC120V/60Hz

Humidity: 50 %

EUT: WIFI Bluetooth module

M/N: SKI.WB7638U.1_MT7668BU

Mode: TX(5.3G WLAN)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1660	44.50	10.60	55.10	65.16	-10.06	QP	
2		0.1660	32.60	10.60	43.20	55.16	-11.96	AVG	
3		0.3780	27.69	10.61	38.30	58.32	-20.02	QP	
4		0.3780	15.19	10.61	25.80	48.32	-22.52	AVG	
5		0.4780	25.07	10.63	35.70	56.37	-20.67	QP	
6		0.4780	15.37	10.63	26.00	46.37	-20.37	AVG	
7		0.7019	23.24	10.66	33.90	56.00	-22.10	QP	
8		0.7019	13.44	10.66	24.10	46.00	-21.90	AVG	
9		0.9660	23.11	10.69	33.80	56.00	-22.20	QP	
10		0.9660	11.21	10.69	21.90	46.00	-24.10	AVG	
11		23.9540	28.22	10.78	39.00	60.00	-21.00	QP	
12		23.9540	18.82	10.78	29.60	50.00	-20.40	AVG	



Dongguan NTC Co., Ltd.
Tel: +86-769-22022444 Fax: +86-769-22022799
Web: [Http://www.ntc-c.com](http://www.ntc-c.com)

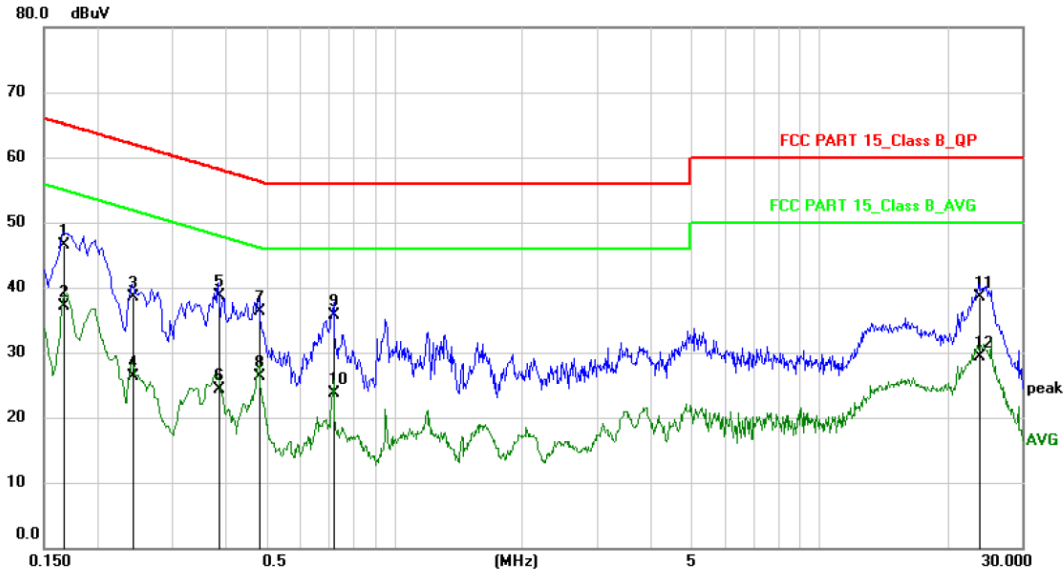
Conducted Emission Measurement

File :SKI

Data :#13

Date: 2020/7/29

Time: 22:58:22



Site

Phase: **L1**

Temperature: 26

Limit: FCC PART 15_Class B_QP

Power: AC120V/60Hz

Humidity: 50 %

EUT: WIFI Bluetooth module

M/N: SKI.WB7638U.1_MT7668BU

Mode: TX(5.8G WLAN)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1660	36.00	10.60	46.60	65.16	-18.56	QP	
2	*	0.1660	26.50	10.60	37.10	55.16	-18.06	AVG	
3		0.2420	27.90	10.60	38.50	62.03	-23.53	QP	
4		0.2420	15.80	10.60	26.40	52.03	-25.63	AVG	
5		0.3860	28.09	10.61	38.70	58.15	-19.45	QP	
6		0.3860	13.79	10.61	24.40	48.15	-23.75	AVG	
7		0.4820	25.67	10.63	36.30	56.30	-20.00	QP	
8		0.4820	15.67	10.63	26.30	46.30	-20.00	AVG	
9		0.7220	25.04	10.66	35.70	56.00	-20.30	QP	
10		0.7220	13.04	10.66	23.70	46.00	-22.30	AVG	
11		23.6820	27.72	10.78	38.50	60.00	-21.50	QP	
12		23.6820	18.52	10.78	29.30	50.00	-20.70	AVG	



Dongguan NTC Co., Ltd.
Tel: +86-769-22022444 Fax: +86-769-22022799
Web: [Http://www.ntc-c.com](http://www.ntc-c.com)

Conducted Emission Measurement

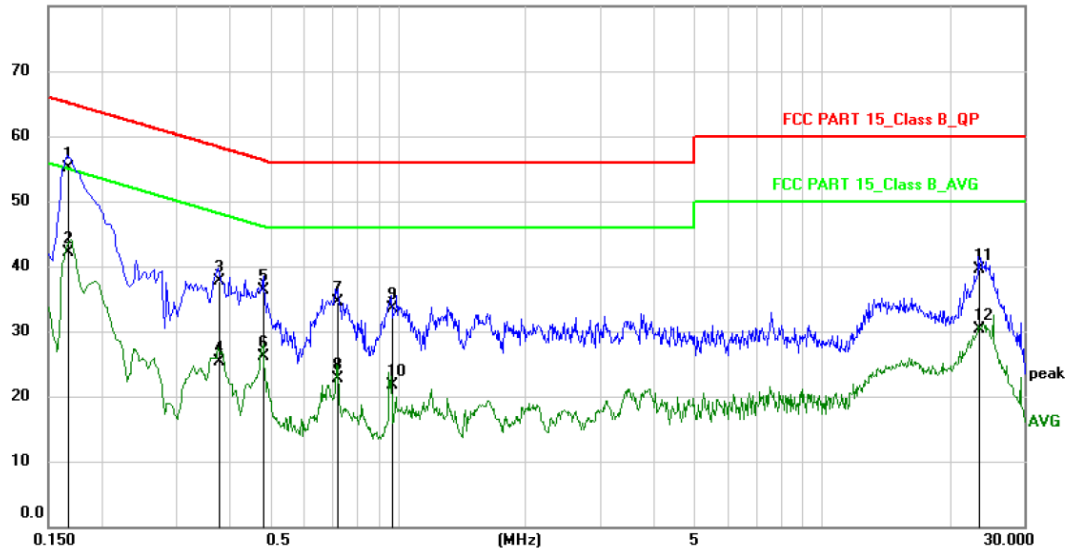
File :SKI

Data :#14

Date: 2020/7/29

Time: 23:05:11

80.0 dBuV



Site

Phase: **N**

Temperature: 26

Limit: FCC PART 15_Class B_QP

Power: AC120V/60Hz

Humidity: 50 %

EUT: WIFI Bluetooth module

M/N: SKI.WB7638U.1_MT7668BU

Mode: TX(5.8G WLAN)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1660	44.50	10.60	55.10	65.16	-10.06	QP	
2		0.1660	31.50	10.60	42.10	55.16	-13.06	AVG	
3		0.3780	27.09	10.61	37.70	58.32	-20.62	QP	
4		0.3780	14.79	10.61	25.40	48.32	-22.92	AVG	
5		0.4820	25.77	10.63	36.40	56.30	-19.90	QP	
6		0.4820	15.57	10.63	26.20	46.30	-20.10	AVG	
7		0.7220	23.84	10.66	34.50	56.00	-21.50	QP	
8		0.7220	12.14	10.66	22.80	46.00	-23.20	AVG	
9		0.9658	22.81	10.69	33.50	56.00	-22.50	QP	
10		0.9658	11.11	10.69	21.80	46.00	-24.20	AVG	
11		23.4340	28.82	10.78	39.60	60.00	-20.40	QP	
12		23.4340	19.62	10.78	30.40	50.00	-19.60	AVG	

4. Max. Conducted Output Power

4.1 Limits

Operation Band	EUT category	Limit
☒ 5180~5240MHz	☐ Outdoor Access Point	1 Watt (30dBm) (Max. e.i.r.p $\leq$ 125mW(21dBm) at any elevation angle above 30 degrees as measured from the horizon)
	☐ Fixed point-to-point Access Point	1 Watt (30dBm)
	☐ Indoor Access Point	1 Watt (30dBm)
	☒ Mobile and Portable client device	250mW (24dBm)
☒ 5260~5320MHz	-	250mW (24dBm)
☒ 5500~5700MHz	-	250mW (24dBm)
☒ 5745~5825MHz	-	1 Watt (30dBm)

4.2 Test SET-UP (Block Diagram of Configuration)



4.3 Test Procedure

1. The transmitter output (antenna port) was connected to the power meter.
2. Test was performed in accordance with KDB789033 v02r01 for compliance testing of Unlicensed National Information Infrastructure (U-NII) Device -section (E) Maximum conducted output power. =3. Measurement using a power meter (PM) =b Method PM-G (Measurement using a gated RF average power meter).

4.4 Measurement Results

Pass

Please refer to following table.

U-NII-1					
Temperature :	23 °C	Humidity :	52%		
Test By:	Sance	Test Date :	July 24, 2020		
Test Result:	PASS				
Frequency MHz	Data Rate Mbps	Peak Output Power dBm			Limit dBm
IEEE 802.11a Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5180	6	12.77			24
Channel: 5200	6	12.08			24
Channel: 5240	6	11.85			24
IEEE 802.11n(HT20)Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5180	MCS0	ANT_0	ANT_1	Total	-
		11.06	10.32	13.72	24
Channel: 5200	MCS0	11.15	10.19	13.71	24
Channel: 5240	MCS0	10.80	10.04	13.45	24
IEEE 802.11n(HT40) Mode (OFDM, Antenna Gain=2.3Bi)					
Channel: 5190	MCS0	10.45	10.06	13.27	24
Channel: 5230	MCS0	9.69	9.24	12.48	24
IEEE 802.11ac (VHT20) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5180	MCS0	10.76	10.27	13.53	24
Channel: 5200	MCS0	11.04	10.14	13.62	24
Channel: 5240	MCS0	10.63	10.17	13.42	24
IEEE 802.11ac (VHT40) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5190	MCS0	10.10	9.77	12.95	24
Channel: 5230	MCS0	9.65	9.48	12.58	24
IEEE 802.11ac (VHT80) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5210	MCS0	9.39	9.01	12.21	24
Note: 1. As for IEEE 802.11a mode, both of antennas have considered during pre-test, but only the worst case (ANT_0) was recorded. 2. As for IEEE 802.11n/ac mode, EUT working in MIMO mode. Directional Gain for MIMO. 3. Directional Gain = 2.3dBi + 10log(2) = 5.31 dBi < 6 dBi, Therefore the limit does not change.					

U-NII-2A					
Temperature :	23 °C	Humidity :	52%		
Test By:	Sance	Test Date :	July 24, 2020		
Test Result:	PASS				
Frequency MHz	Data Rate Mbps	Peak Output Power dBm			Limit dBm
IEEE 802.11a Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5260	6	12.66			24
Channel: 5300	6	10.46			24
Channel: 5320	6	10.64			24
IEEE 802.11n(HT20)Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5260	MCS0	ANT_0	ANT_1	Total	-
		10.79	11.30	14.06	24
Channel: 5300	MCS0	9.80	10.38	13.11	24
Channel: 5320	MCS0	9.30	10.20	12.78	24
IEEE 802.11n(HT40) Mode (OFDM, Antenna Gain=2.3Bi)					
Channel: 5270	MCS0	10.03	9.49	12.78	24
Channel: 5310	MCS0	8.68	8.37	11.54	24
IEEE 802.11ac (VHT20) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5260	MCS0	10.77	10.68	13.74	24
Channel: 5300	MCS0	9.41	9.39	12.41	24
Channel: 5320	MCS0	9.42	9.23	12.34	24
IEEE 802.11ac (VHT40) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5270	MCS0	10.07	9.95	13.02	24
Channel: 5310	MCS0	8.86	8.47	11.68	24
IEEE 802.11ac (VHT80) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5290	MCS0	8.95	8.71	11.84	24
Note: 1. As for IEEE 802.11a mode, both of antennas have considered during pre-test, but only the worst case (ANT_0) was recorded. 2. As for IEEE 802.11n/ac mode, EUT working in MIMO mode. Directional Gain for MIMO. 3. Directional Gain = 2.3dBi + 10log(2) = 5.31 dBi < 6 dBi, Therefore the limit does not change.					

U-NII-2C					
Temperature :	23 °C	Humidity :	52%		
Test By:	Sance	Test Date :	July 24, 2020		
Test Result:	PASS				
Frequency MHz	Data Rate Mbps	Peak Output Power dBm			Limit dBm
IEEE 802.11a Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5500	6	11.57			24
Channel: 5600	6	10.14			24
Channel: 5700	6	10.17			24
IEEE 802.11n(HT20)Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5500	MCS0	ANT_0	ANT_1	Total	-
		10.29	10.17	13.24	24
Channel: 5600	MCS0	9.07	9.07	12.08	24
Channel: 5700	MCS0	9.03	9.04	12.05	24
IEEE 802.11n(HT40) Mode (OFDM, Antenna Gain=2.3Bi)					
Channel: 5510	MCS0	10.56	10.50	13.54	24
Channel: 5670	MCS0	9.65	9.59	12.63	24
IEEE 802.11ac (VHT20) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5500	MCS0	10.43	10.47	13.46	24
Channel: 5600	MCS0	9.21	9.43	12.33	24
Channel: 5700	MCS0	9.34	9.27	12.32	24
IEEE 802.11ac (VHT40) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5510	MCS0	10.82	10.71	13.78	24
Channel: 5670	MCS0	9.95	9.75	12.96	24
IEEE 802.11ac (VHT80) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5610	MCS0	9.03	9.06	12.06	24
Note: 1. As for IEEE 802.11a mode, both of antennas have considered during pre-test, but only the worst case (ANT_0) was recorded. 2. As for IEEE 802.11n/ac mode, EUT working in MIMO mode. Directional Gain for MIMO. 3. Directional Gain = 2.3dBi + 10log(2) = 5.31 dBi < 6 dBi, Therefore the limit does not change.					

U-NII-3					
Temperature :	23 °C	Humidity :	52%		
Test By:	Sance	Test Date :	July 24, 2020		
Test Result:	PASS				
Frequency MHz	Data Rate Mbps	Peak Output Power dBm			Limit dBm
IEEE 802.11a Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5745	6	9.89			30
Channel: 5785	6	10.50			30
Channel: 5825	6	10.42			30
IEEE 802.11n(HT20)Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5745	MCS0	ANT_0	ANT_1	Total	-
		9.15	9.33	12.25	30
Channel: 5785	MCS0	9.16	9.65	12.26	30
Channel: 5825	MCS0	9.22	9.72	12.49	30
IEEE 802.11n(HT40) Mode (OFDM, Antenna Gain=2.3Bi)					
Channel: 5755	MCS0	9.14	9.20	12.18	30
Channel: 5795	MCS0	9.25	9.74	12.51	30
IEEE 802.11ac (VHT20) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5745	MCS0	9.14	9.32	12.24	30
Channel: 5785	MCS0	9.10	9.45	12.29	30
Channel: 5825	MCS0	9.33	9.61	12.48	30
IEEE 802.11ac (VHT40) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5755	MCS0	9.16	9.36	12.27	30
Channel: 5795	MCS0	9.15	9.73	12.46	30
IEEE 802.11ac (VHT80) Mode (OFDM, Antenna Gain=2.3dBi)					
Channel: 5775	MCS0	9.31	9.58	12.46	30
Note: 1. As for IEEE 802.11a mode, both of antennas have considered during pre-test, but only the worst case (ANT_0) was recorded. 2. As for IEEE 802.11n/ac mode, EUT working in MIMO mode. Directional Gain for MIMO. 3. Directional Gain = 2.3dBi + 10log(2) = 5.31 dBi < 6 dBi, Therefore the limit does not change.					

5. 6dB Bandwidth

5.1 Limits

For digital modulation systems, the minimum 6dB bandwidth shall be at least 500 kHz.

5.2 Test SET-UP (Block Diagram of Configuration)



5.3 Test Procedure

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer was set as below according to FCC KDB789033(v02r01):

1. For 6dB bandwidth, Set the RBW = 100KHz.
2. Set the VBW $\geq 3 \times$ RBW
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.4 Measurement Results

Pass

Please refer to following table and plots.

U-NII-1 Band			
Temperature :	21 °C	Humidity : 54 %	
Test By:	Sance	Test Date : July 24, 2020	
Test Result:	PASS		
Frequency MHz	Data Rate Mbps	6dB Bandwidth MHz	Limit
IEEE 802.11a Mode (OFDM)			
Channel: 5180	6	15.11	>500KHz
Channel: 5200	6	15.90	>500KHz
Channel: 5240	6	15.08	>500KHz
IEEE 802.11n(HT20) Mode (OFDM)			
Channel: 5180	MCS0	16.24	>500KHz
Channel: 5200	MCS0	15.71	>500KHz
Channel: 5240	MCS0	16.23	>500KHz
IEEE 802.11n(HT40) Mode (OFDM)			
Channel: 5190	MCS0	35.51	>500KHz
Channel: 5230	MCS0	35.75	>500KHz
IEEE 802.11ac (VHT20) Mode (OFDM)			
Channel: 5180	MCS0	16.59	>500KHz
Channel: 5200	MCS0	15.40	>500KHz
Channel: 5240	MCS0	15.62	>500KHz
IEEE 802.11ac (VHT40) Mode (OFDM)			
Channel: 5190	MCS0	35.42	>500KHz
Channel: 5230	MCS0	35.69	>500KHz
IEEE 802.11ac (VHT80) Mode (OFDM)			
Channel: 5210	MCS0	76.41	>500KHz
Note: Both of antennas have considered during pre-test, but only the worst case (ANT_0) was recorded.			

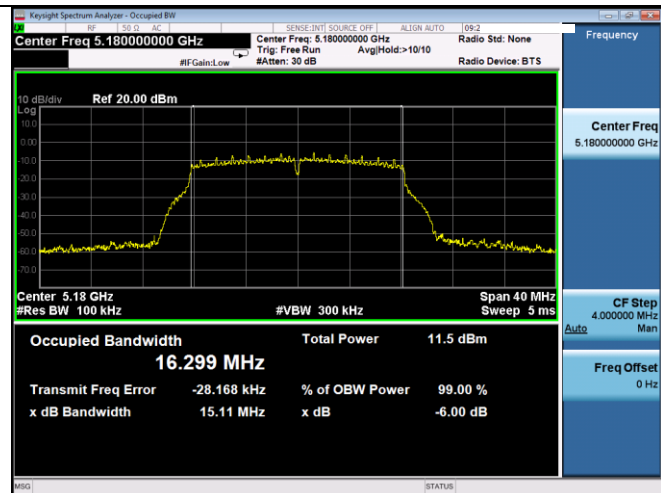
U-NII-2A Band			
Temperature :	21 °C	Humidity :	54 %
Test By:	Sance	Test Date :	July 24, 2020
Test Result:	PASS		
Frequency MHz	Data Rate Mbps	6dB Bandwidth MHz	Limit
IEEE 802.11a Mode (OFDM)			
Channel: 5260	6	15.71	>500KHz
Channel: 5300	6	15.38	>500KHz
Channel: 5320	6	15.42	>500KHz
IEEE 802.11n(HT20) Mode (OFDM)			
Channel: 5260	MCS0	16.22	>500KHz
Channel: 5300	MCS0	15.75	>500KHz
Channel: 5320	MCS0	16.58	>500KHz
IEEE 802.11n(HT40) Mode (OFDM)			
Channel: 5270	MCS0	35.74	>500KHz
Channel: 5310	MCS0	35.74	>500KHz
IEEE 802.11ac (VHT20) Mode (OFDM)			
Channel: 5180	MCS0	15.68	>500KHz
Channel: 5200	MCS0	16.35	>500KHz
Channel: 5240	MCS0	15.38	>500KHz
IEEE 802.11ac (VHT40) Mode (OFDM)			
Channel: 5270	MCS0	35.77	>500KHz
Channel: 5310	MCS0	35.96	>500KHz
IEEE 802.11ac (VHT80) Mode (OFDM)			
Channel: 5290	MCS0	76.48	>500KHz
Note: Both of antennas have considered during pre-test, but only the worst case (ANT_0) was recorded.			

U-NII-2C Band			
Temperature :	21 °C	Humidity :	54 %
Test By:	Sance	Test Date :	July 24, 2020
Test Result:	PASS		
Frequency MHz	Data Rate Mbps	6dB Bandwidth MHz	Limit
IEEE 802.11a Mode (OFDM)			
Channel: 5500	6	15.41	>500KHz
Channel: 5600	6	15.75	>500KHz
Channel: 5700	6	16.31	>500KHz
IEEE 802.11n(HT20) Mode (OFDM)			
Channel: 5500	MCS0	16.04	>500KHz
Channel: 5600	MCS0	16.30	>500KHz
Channel: 5700	MCS0	16.03	>500KHz
IEEE 802.11n(HT40) Mode (OFDM)			
Channel: 5510	MCS0	36.33	>500KHz
Channel: 5670	MCS0	35.77	>500KHz
IEEE 802.11ac (VHT20) Mode (OFDM)			
Channel: 5500	MCS0	16.28	>500KHz
Channel: 5600	MCS0	16.36	>500KHz
Channel: 5700	MCS0	16.60	>500KHz
IEEE 802.11ac (VHT40) Mode (OFDM)			
Channel: 5510	MCS0	35.76	>500KHz
Channel: 5670	MCS0	36.02	>500KHz
IEEE 802.11ac (VHT80) Mode (OFDM)			
Channel: 5610	MCS0	76.47	>500KHz
Note: Both of antennas have considered during pre-test, but only the worst case (ANT_0) was recorded.			

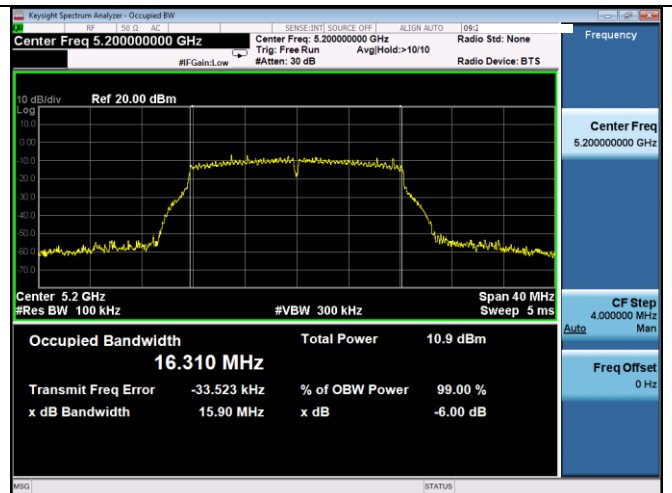
U-NII-3 Band			
Temperature :	21 °C	Humidity :	54 %
Test By:	Sance	Test Date :	July 24, 2020
Test Result:	PASS		
Frequency MHz	Data Rate Mbps	6dB Bandwidth MHz	Limit
IEEE 802.11a Mode (OFDM)			
Channel: 5745	6	15.69	>500KHz
Channel: 5785	6	15.70	>500KHz
Channel: 5825	6	15.72	>500KHz
IEEE 802.11n(HT20) Mode (OFDM)			
Channel: 5745	MCS0	16.60	>500KHz
Channel: 5785	MCS0	16.28	>500KHz
Channel: 5825	MCS0	16.96	>500KHz
IEEE 802.11n(HT40) Mode (OFDM)			
Channel: 5755	MCS0	35.75	>500KHz
Channel: 5795	MCS0	35.76	>500KHz
IEEE 802.11ac (VHT20) Mode (OFDM)			
Channel: 5745	MCS0	16.58	>500KHz
Channel: 5785	MCS0	15.69	>500KHz
Channel: 5825	MCS0	16.65	>500KHz
IEEE 802.11ac (VHT40) Mode (OFDM)			
Channel: 5755	MCS0	35.74	>500KHz
Channel: 5795	MCS0	35.76	>500KHz
IEEE 802.11ac (VHT80) Mode (OFDM)			
Channel: 5775	MCS0	76.10	>500KHz
Note: Both of antennas have considered during pre-test, but only the worst case (ANT_0) was recorded.			

U-NII-1

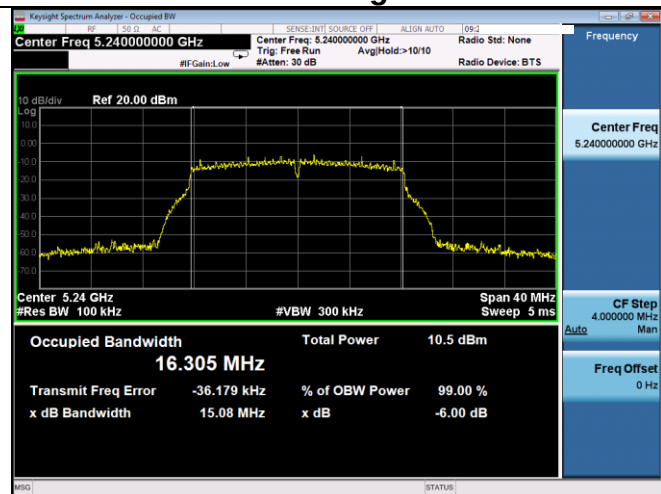
IEEE 802.11a Low Channel



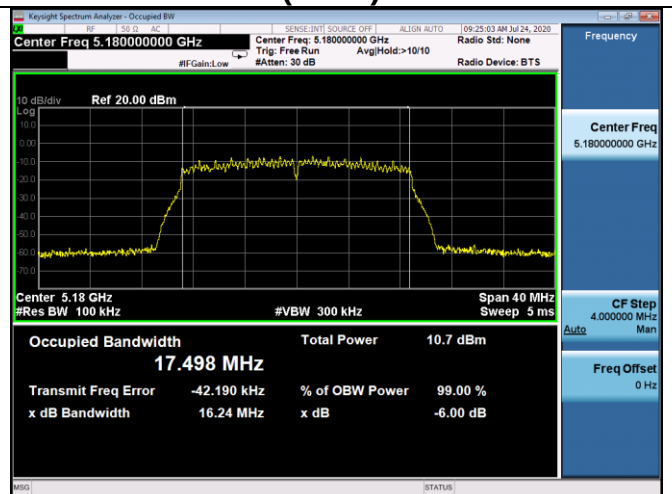
IEEE 802.11a Middle Channel



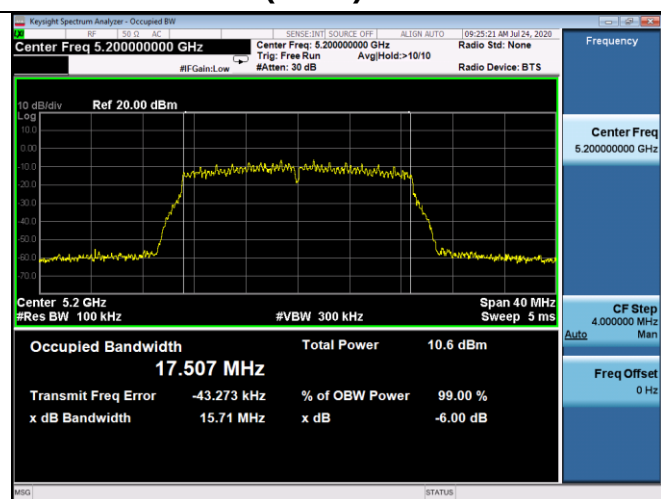
IEEE 802.11a High Channel



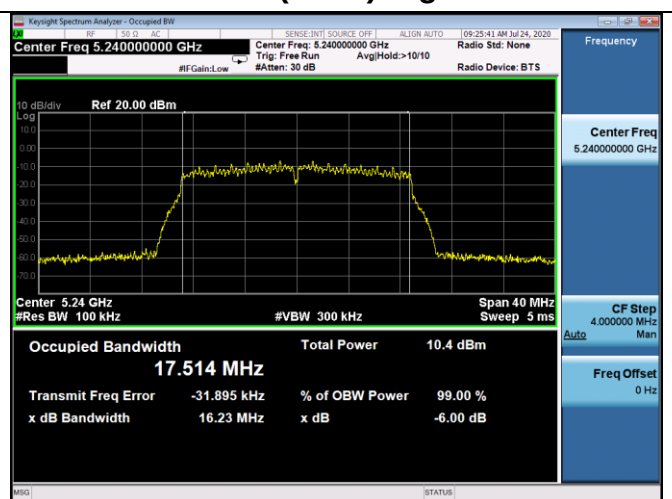
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

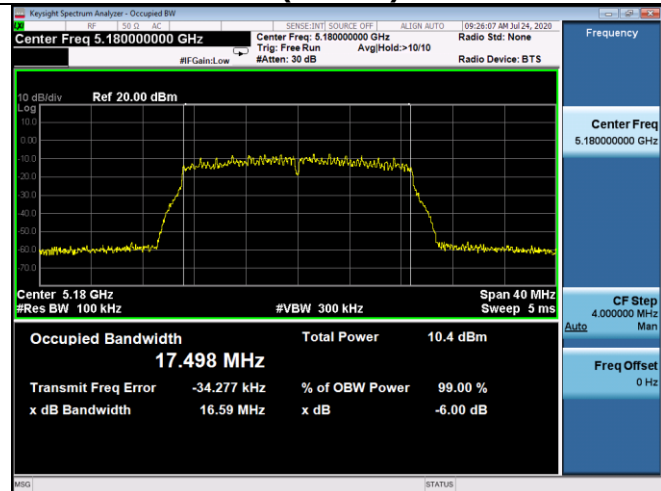


IEEE 802.11n(HT20) High Channel

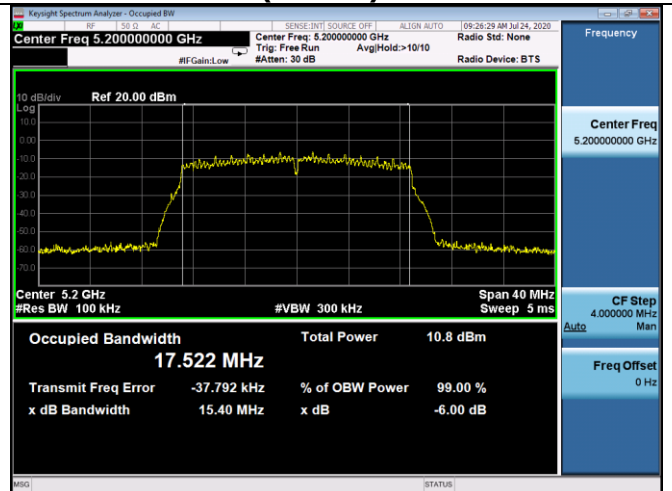


U-NII-1

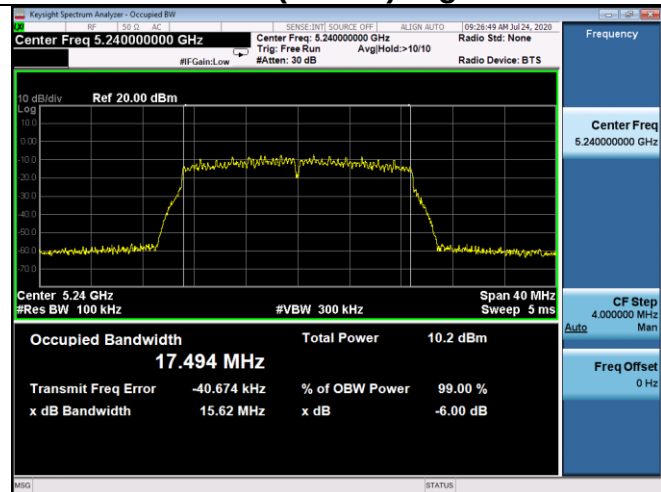
IEEE 802.11ac(VHT20) Low Channel



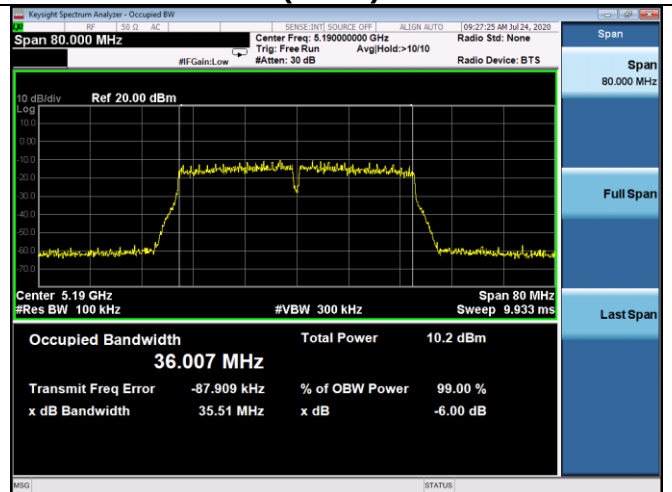
IEEE 802.11ac(VHT20) Middle Channel



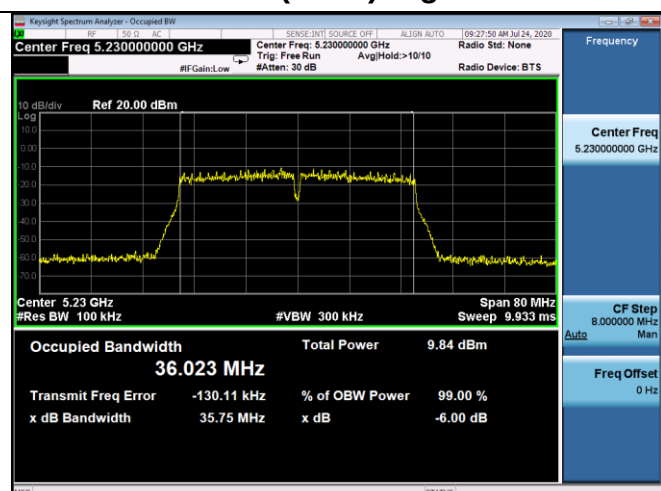
IEEE 802.11ac(VHT20) High Channel



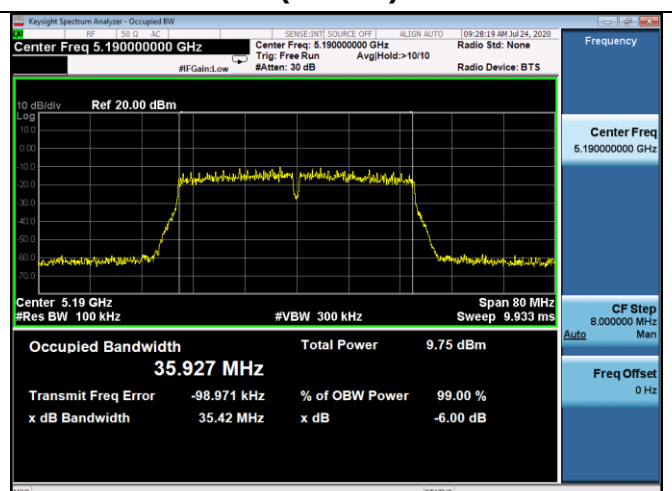
IEEE 802.11n(HT40) Low Channel



IEEE 802.11n(HT40) High Channel

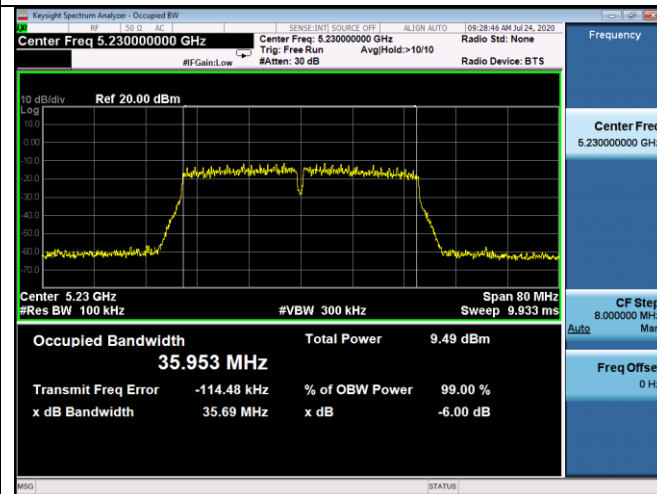


IEEE 802.11ac(VHT40) Low Channel

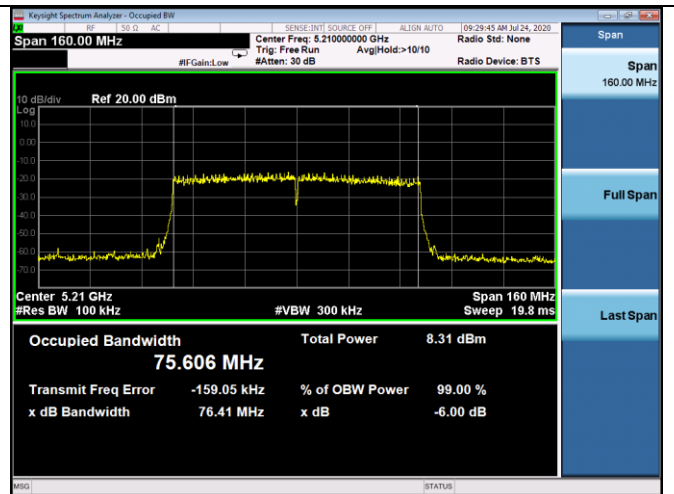


U-NII-1

IEEE 802.11ac(VHT40) High Channel

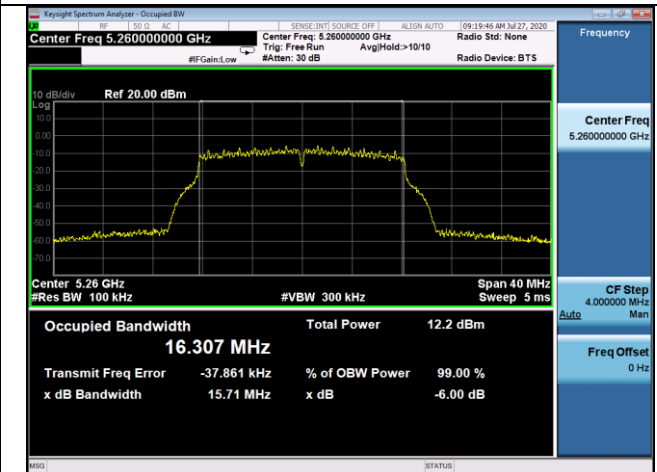


IEEE 802.11ac(VHT80)

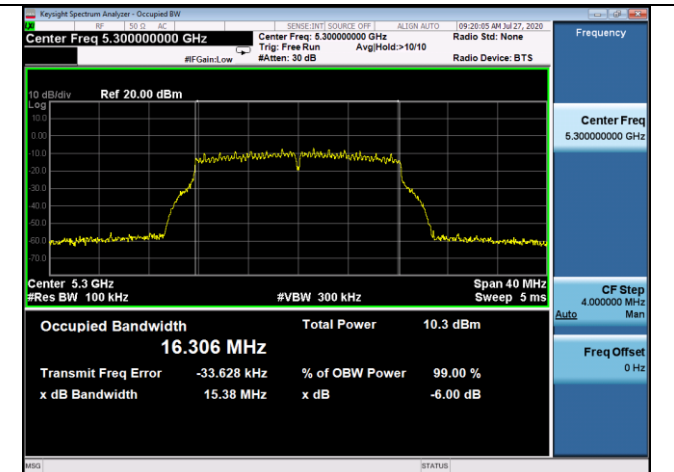


U-NII-2A

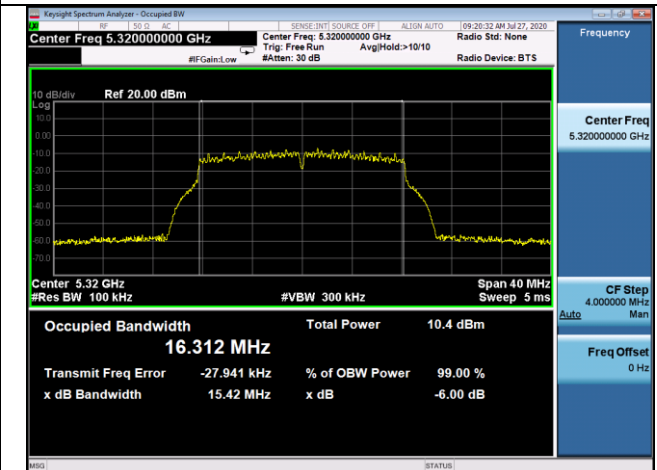
IEEE 802.11a Low Channel



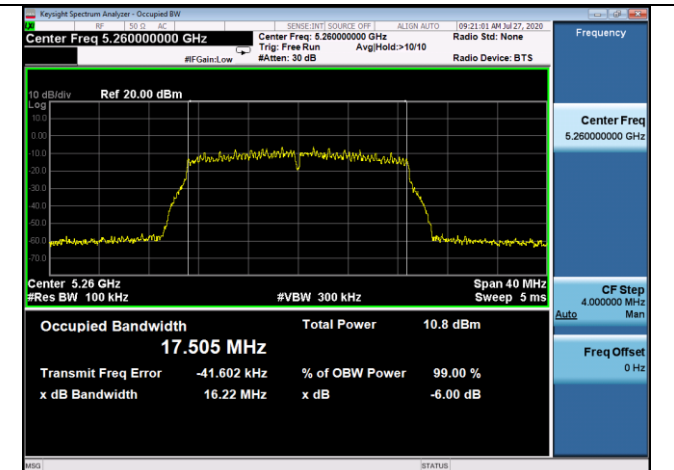
IEEE 802.11a Middle Channel



IEEE 802.11a High Channel

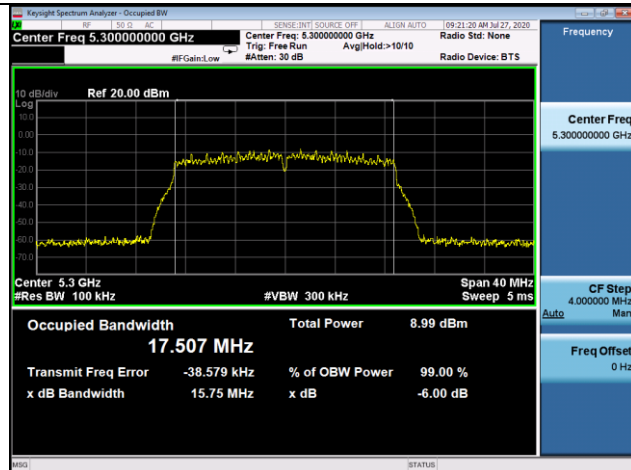


IEEE 802.11n(HT20) Low Channel

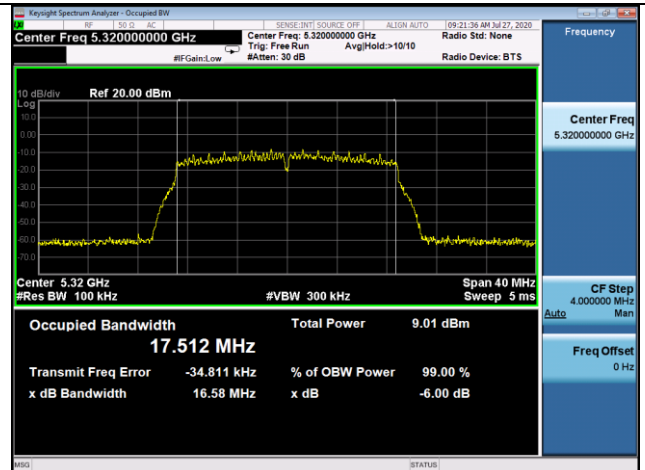


U-NII-2A

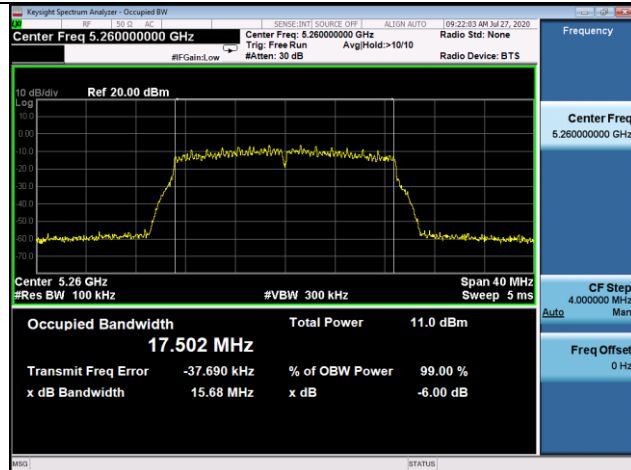
IEEE 802.11n(HT20) Middle Channel



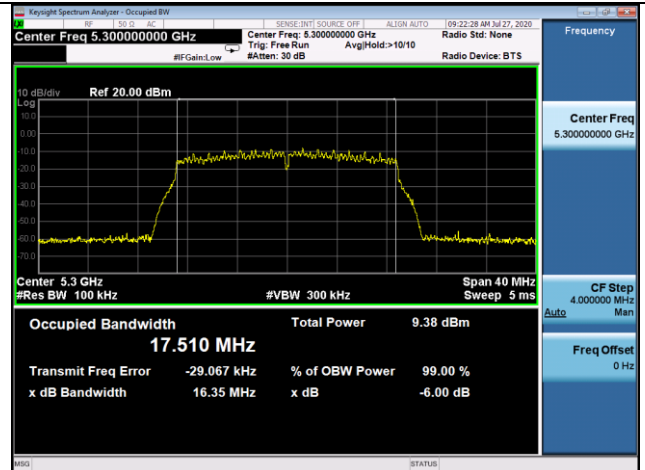
IEEE 802.11n(HT20) High Channel



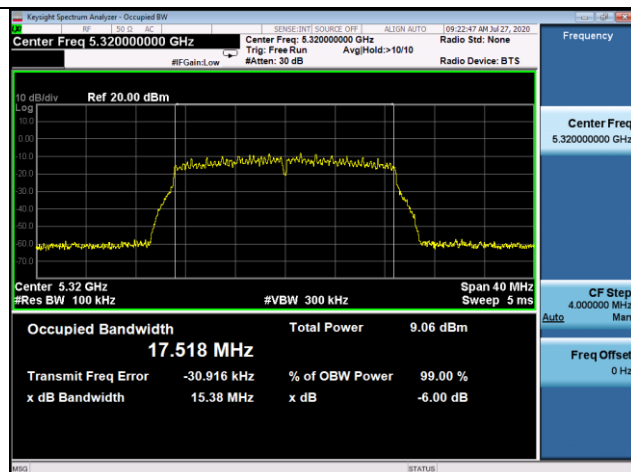
IEEE 802.11ac(VHT20) Low Channel



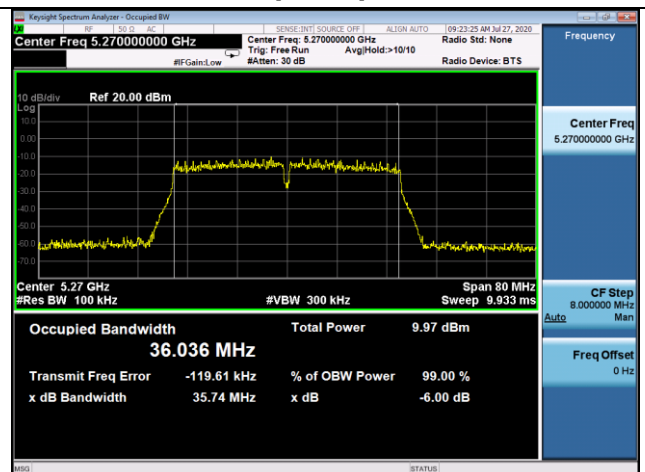
IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

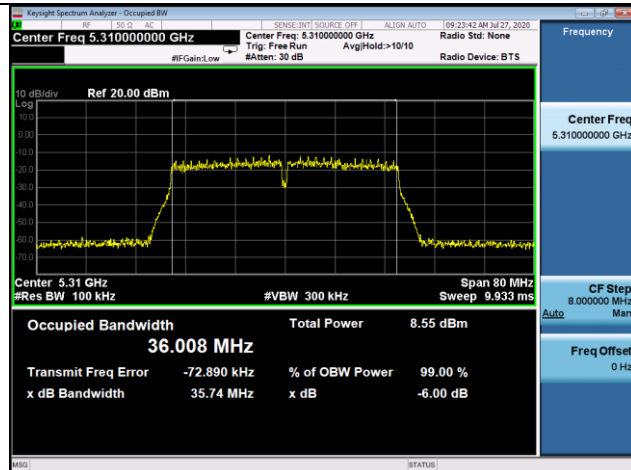


IEEE 802.11n(HT40) Low Channel

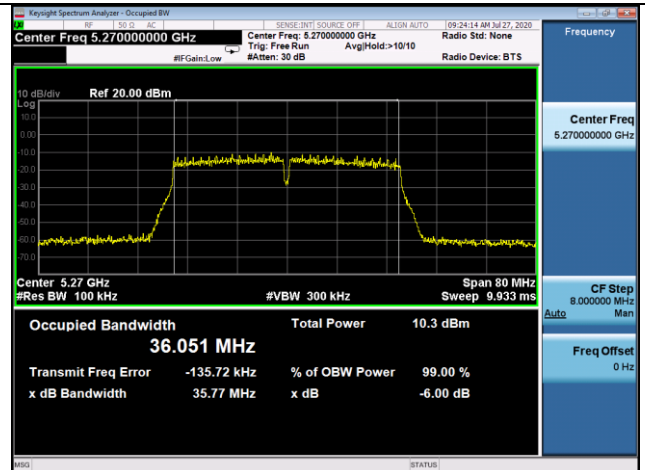


U-NII-2A

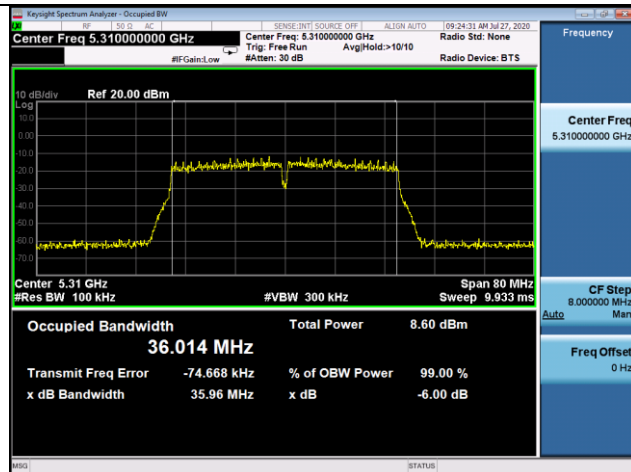
IEEE 802.11n(HT40) High Channel



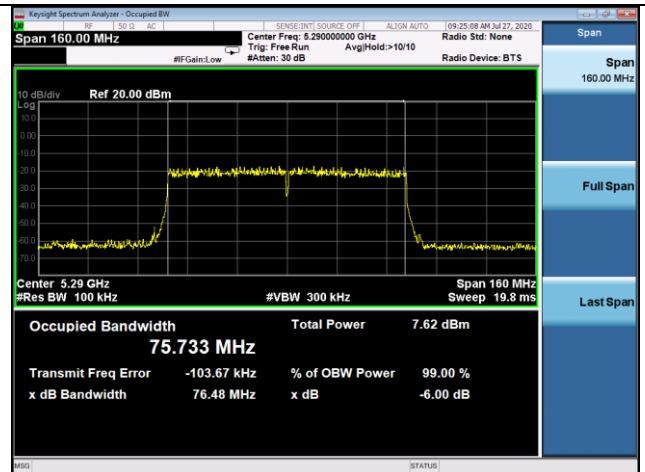
IEEE 802.11ac(VHT40) Low Channel



IEEE 802.11ac(VHT40) High Channel

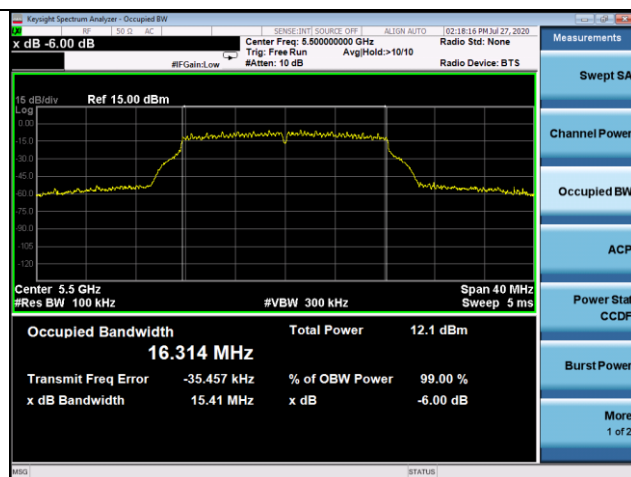


IEEE 802.11ac(VHT80)

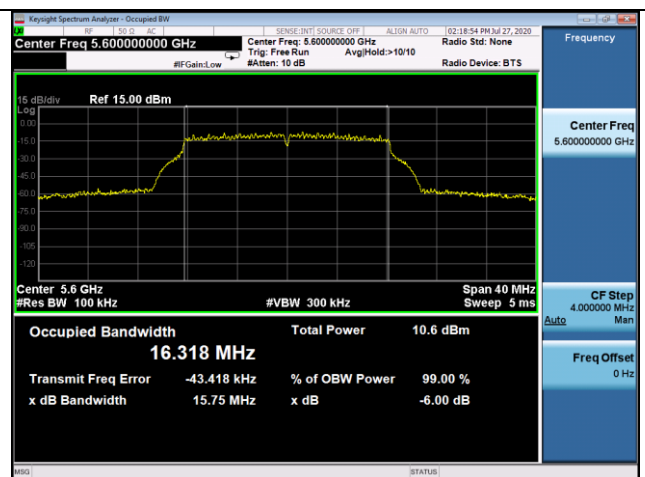


U-NII-2C

IEEE 802.11a Low Channel

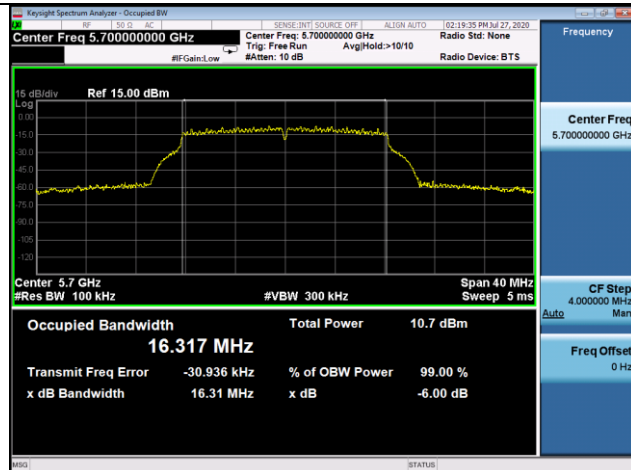


IEEE 802.11a Middle Channel

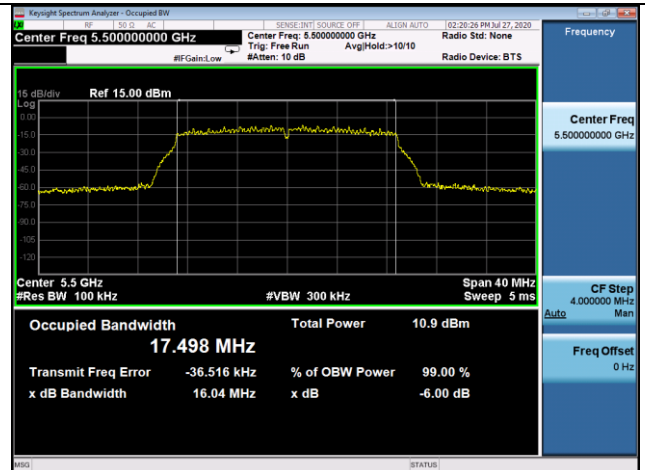


U-NII-2C

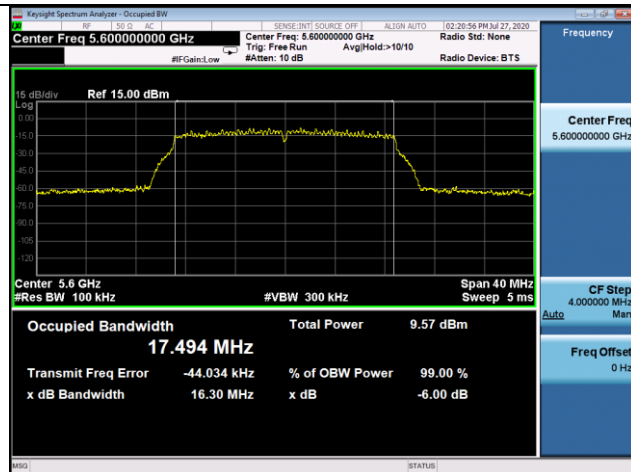
IEEE 802.11a High Channel



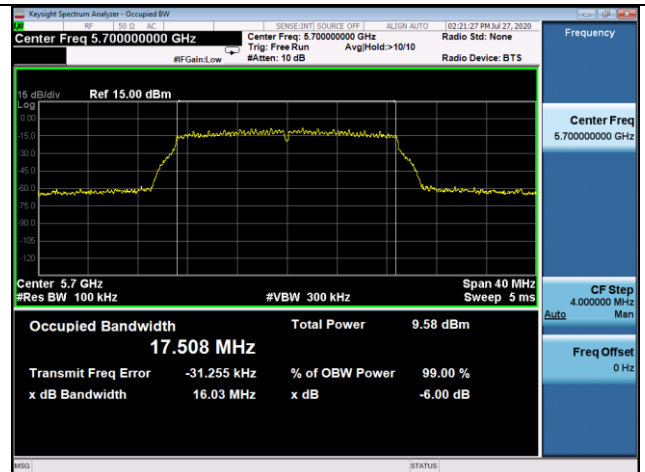
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel



IEEE 802.11n(HT20) High Channel



IEEE 802.11ac(VHT20) Low Channel



IEEE 802.11ac(VHT20) Middle Channel

