

U-NII-2A IEEE 802.11ac VHT20 5300MHz

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U-NII-2A IEEE 802.11ac VHT20 5320MHz

ANT 1

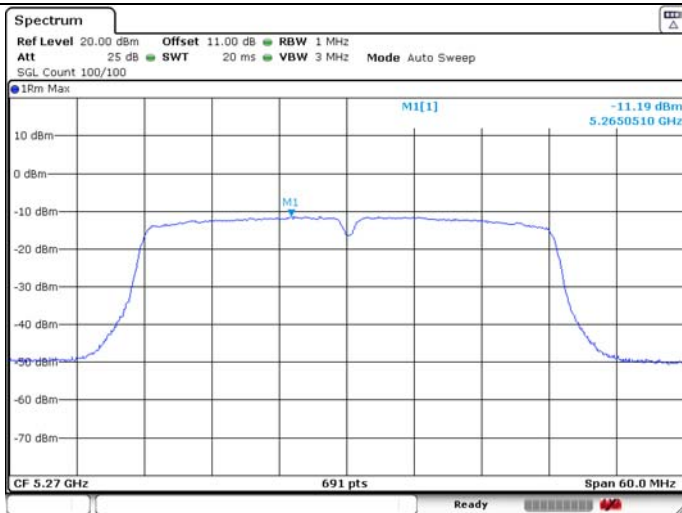


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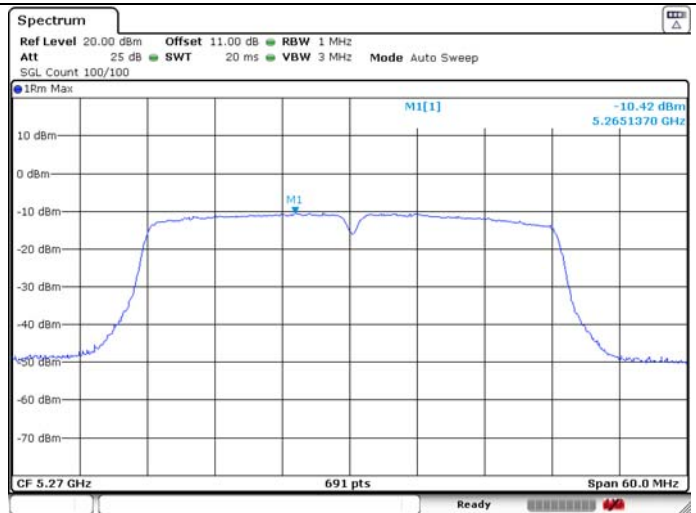


U-NII-2A IEEE 802.11n HT40 5270MHz

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U-NII-2A IEEE 802.11n HT40 5310MHz

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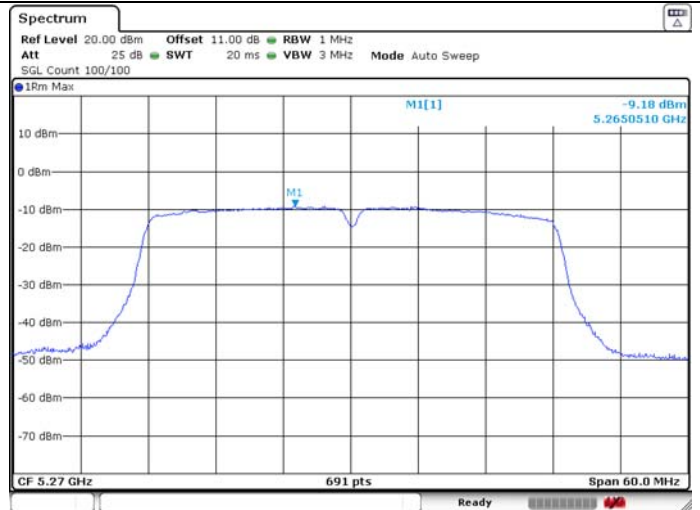


U-NII-2A IEEE 802.11ac VHT40 5270MHz

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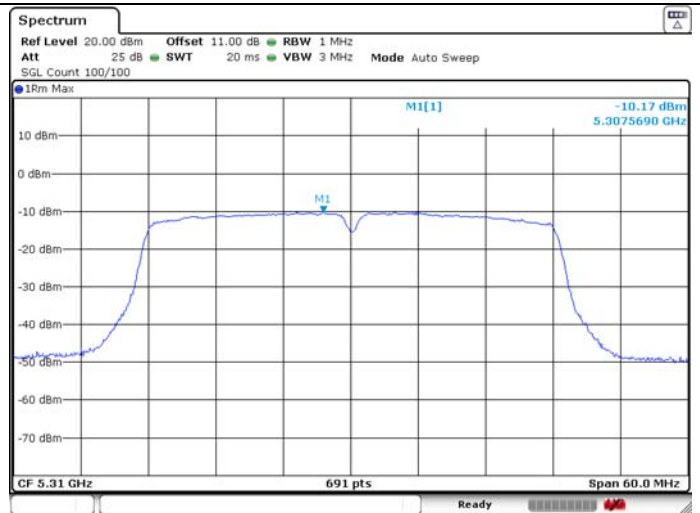


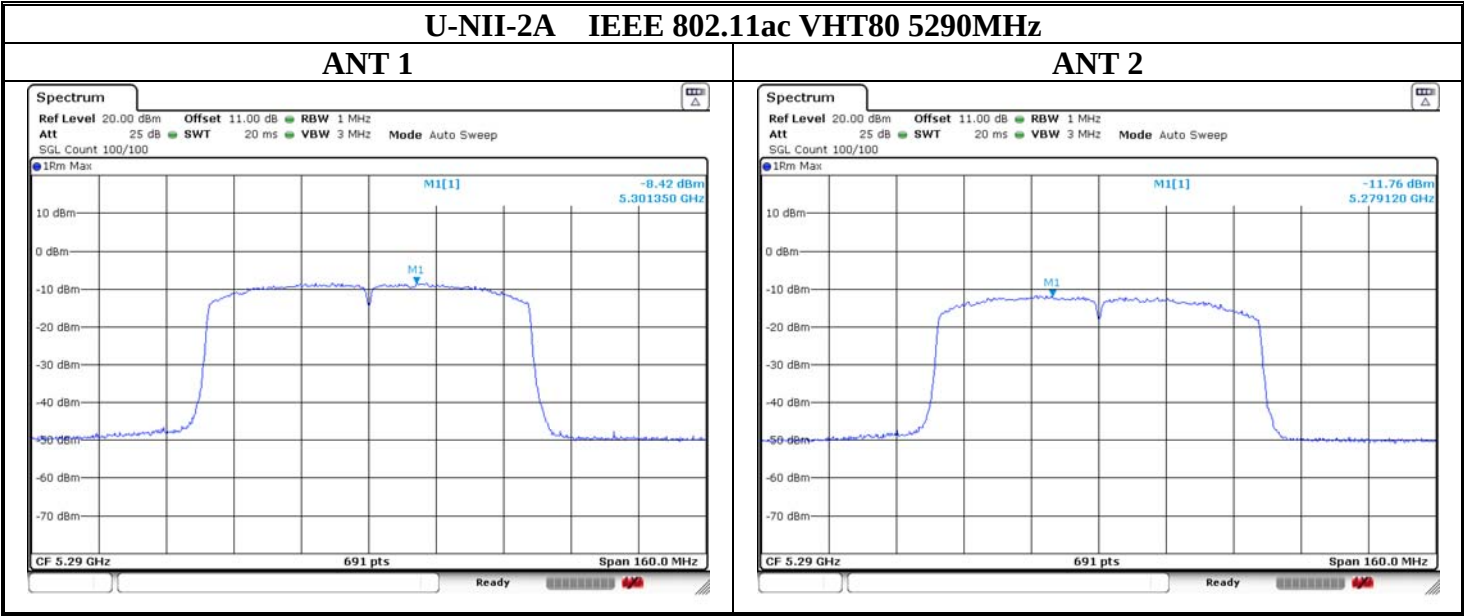
U-NII-2A IEEE 802.11ac VHT40 5310MHz

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U-NII-2C 802.11a IEEE 5500MHz

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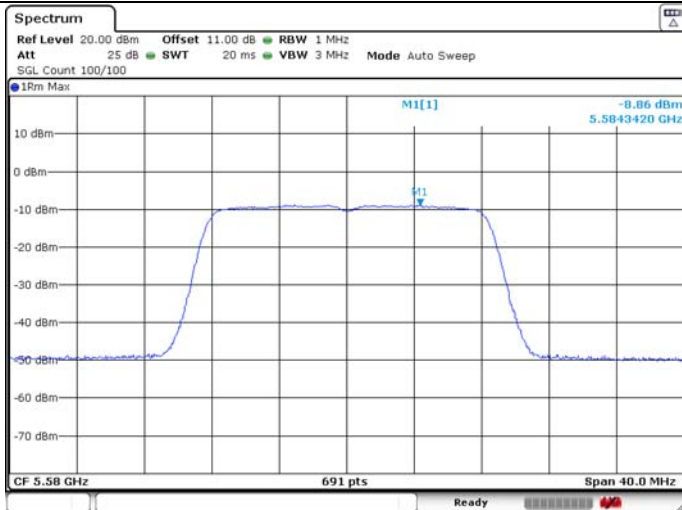


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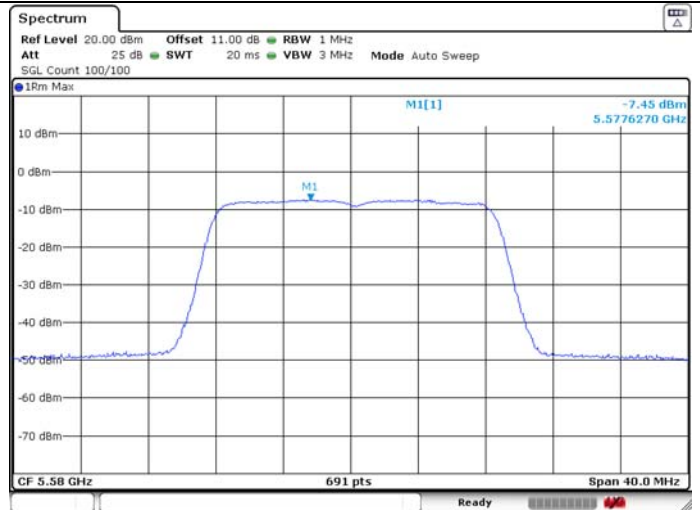


U-NII-2C IEEE 802.11a 5580MHz

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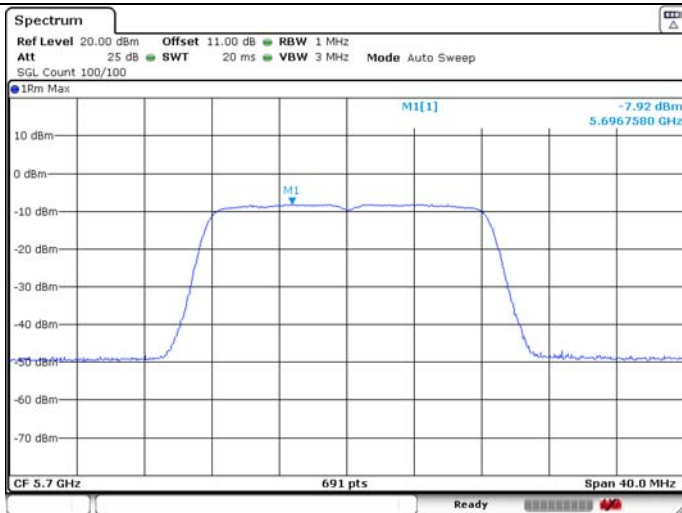


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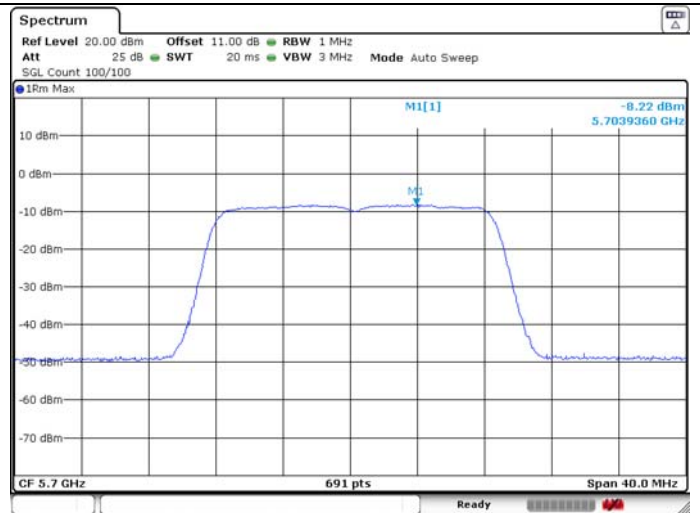


U-NII-2C IEEE 802.11a 5700MHz

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U-NII-2C IEEE 802.11n HT20 5500MHz

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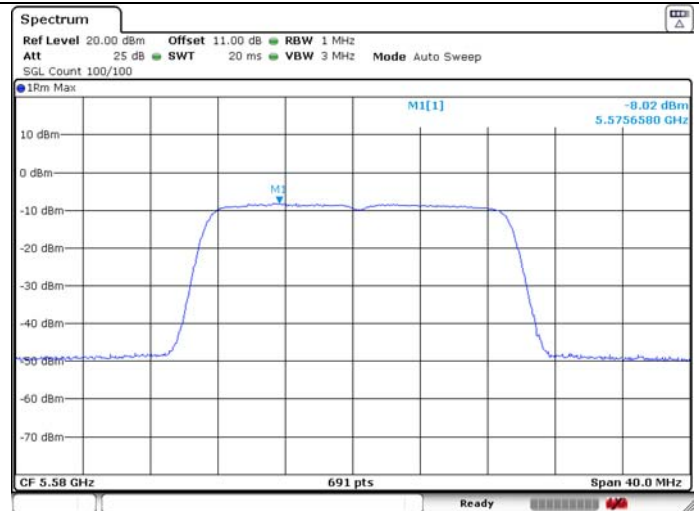


U-NII-2C IEEE 802.11n HT20 5580MHz

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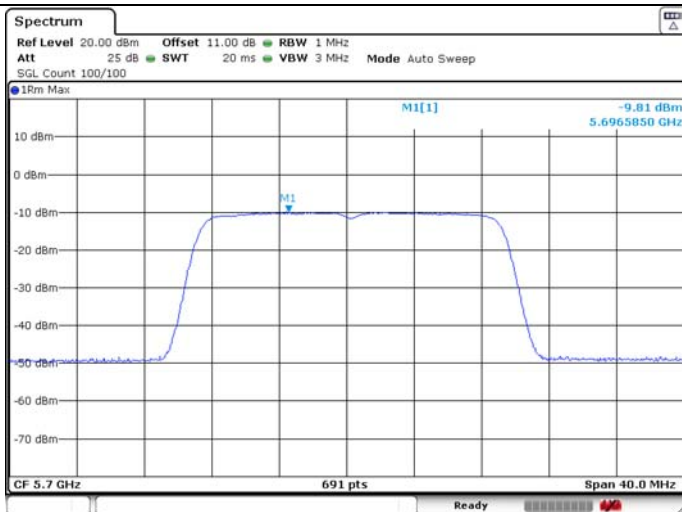


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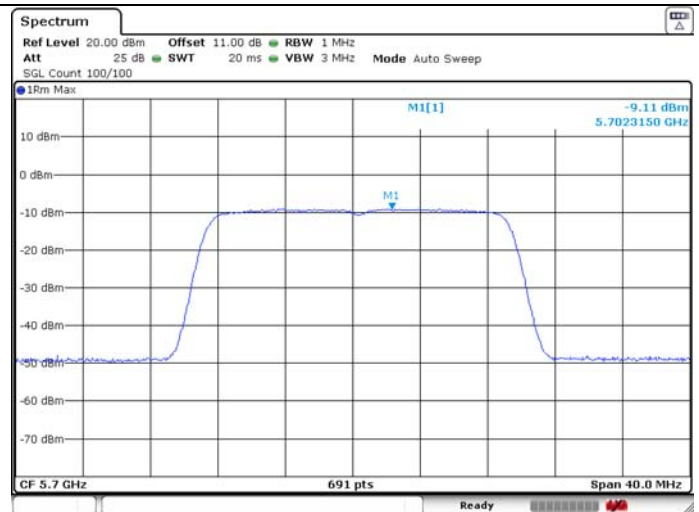


U-NII-2C IEEE 802.11n HT20 5700MHz

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U-NII-2C IEEE 802.11ac VHT20 5500MHz

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U-NII-2C IEEE 802.11ac VHT20 5580MHz

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U-NII-2C IEEE 802.11ac VHT20 5700MHz

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U-NII-2C IEEE 802.11n HT40 5510MHz

ANT 1

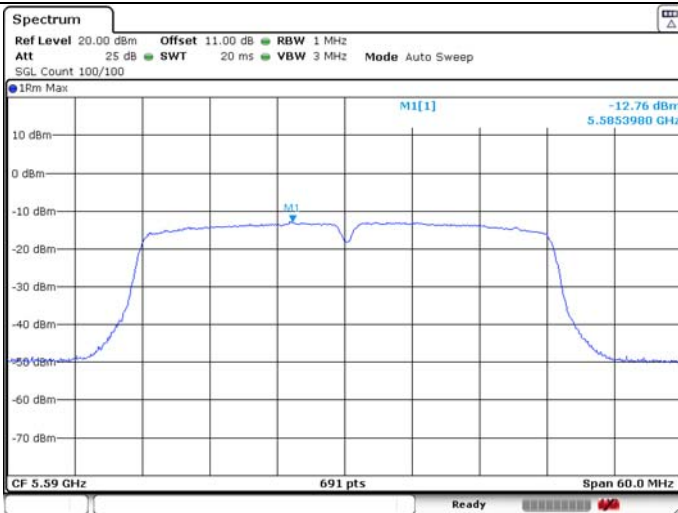
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U-NII-2C IEEE 802.11n HT40 5590MHz

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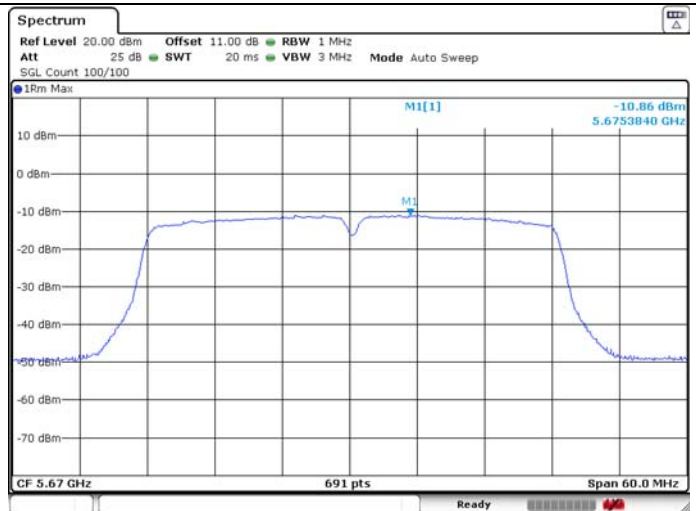
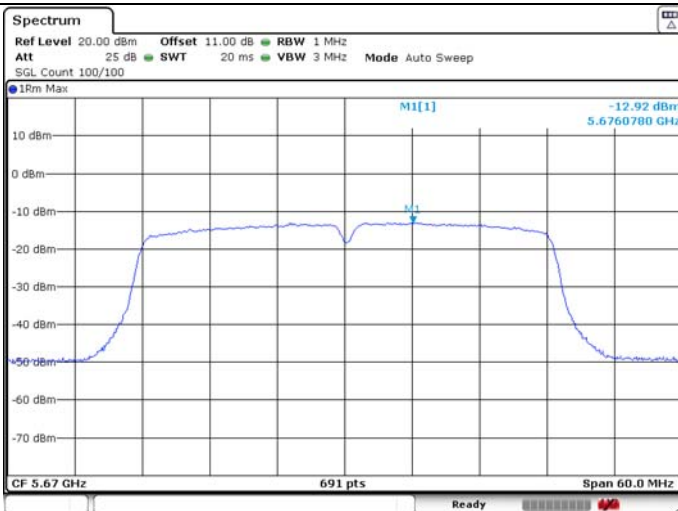
ANT 2



U-NII-2C IEEE 802.11n HT40 5670MHz

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ANT 2



U-NII-2C IEEE 802.11ac VHT40 5510MHz

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U-NII-2C IEEE 802.11ac VHT40 5590MHz

ANT 1



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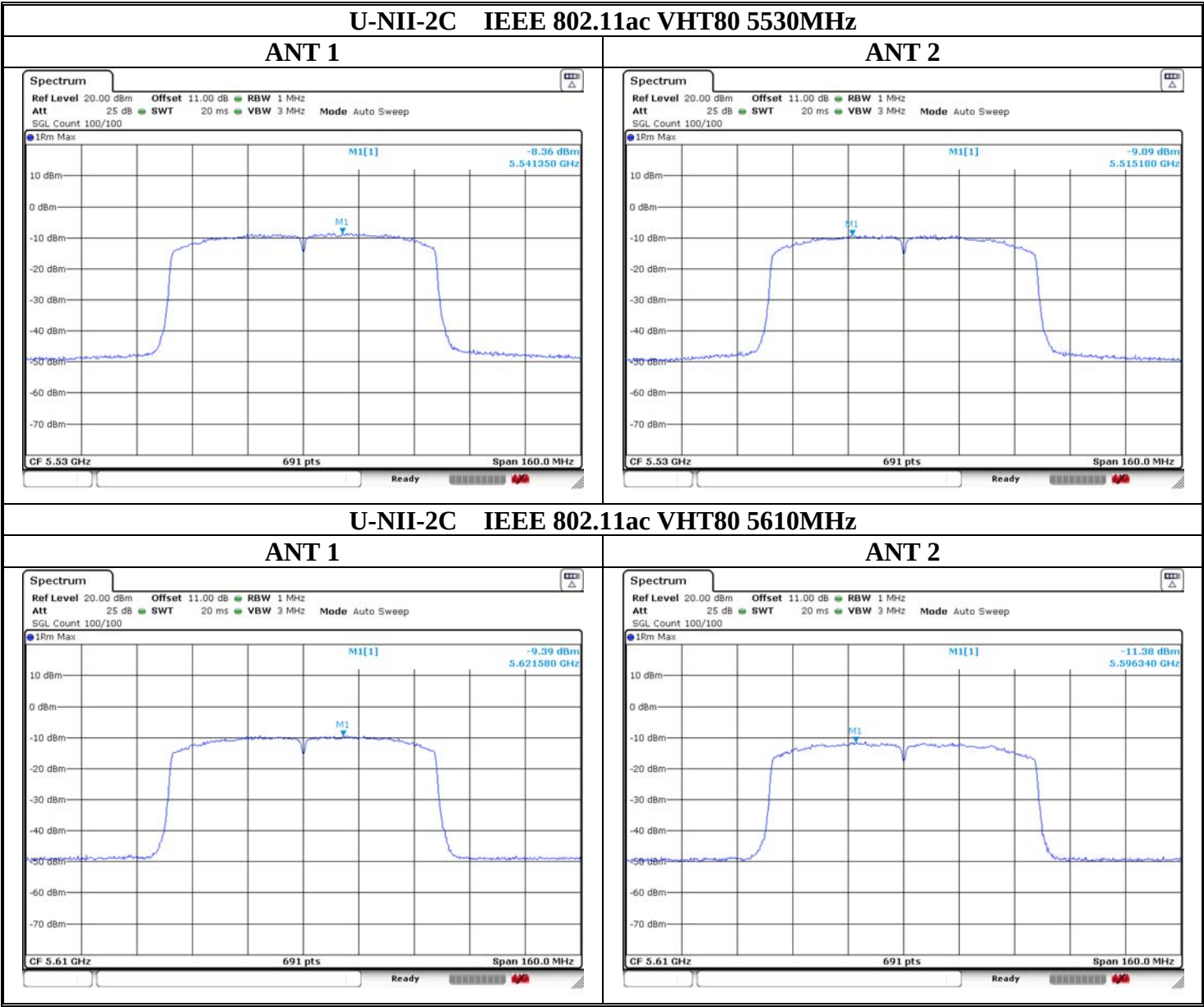
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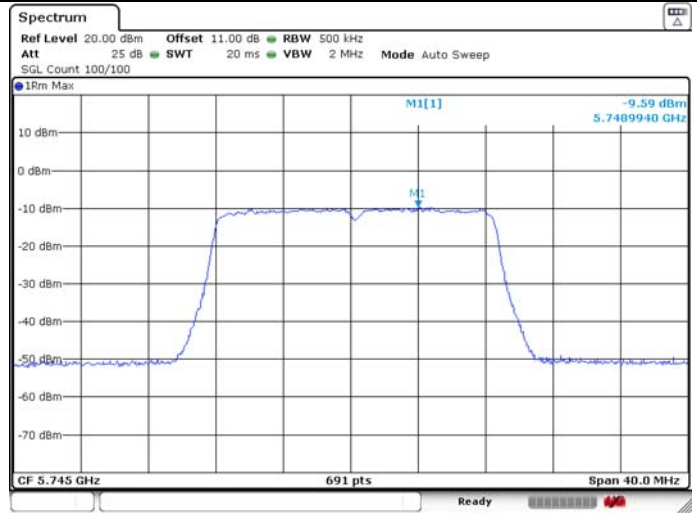


U-NII-3 IEEE 802.11a 5745MHz

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U-NII-3 IEEE 802.11a 5785MHz

ANT 1

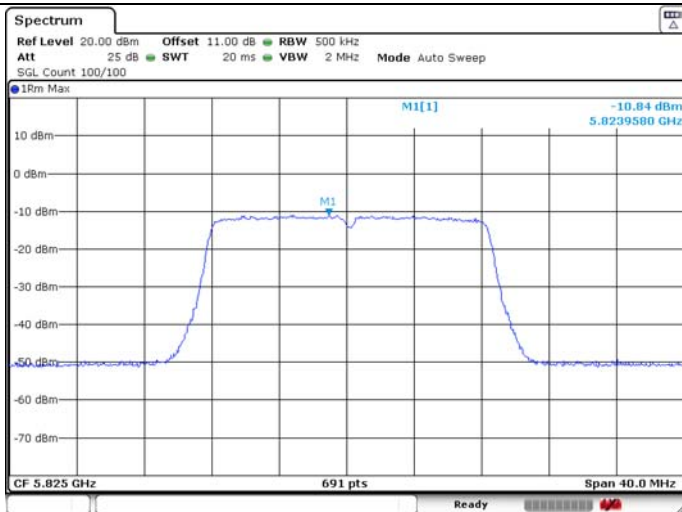


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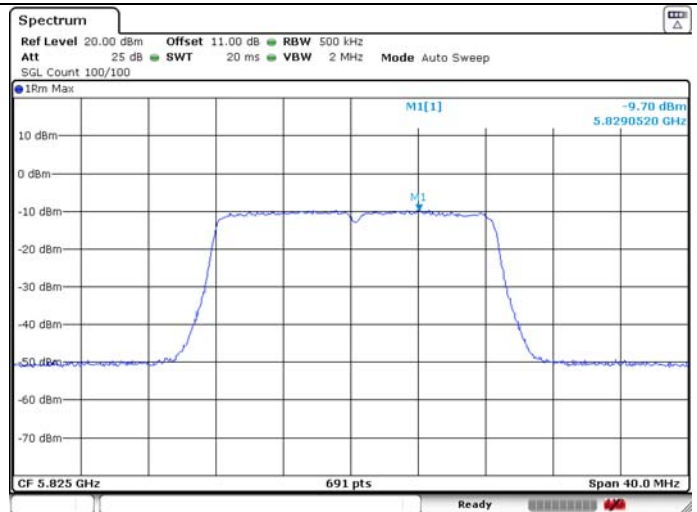


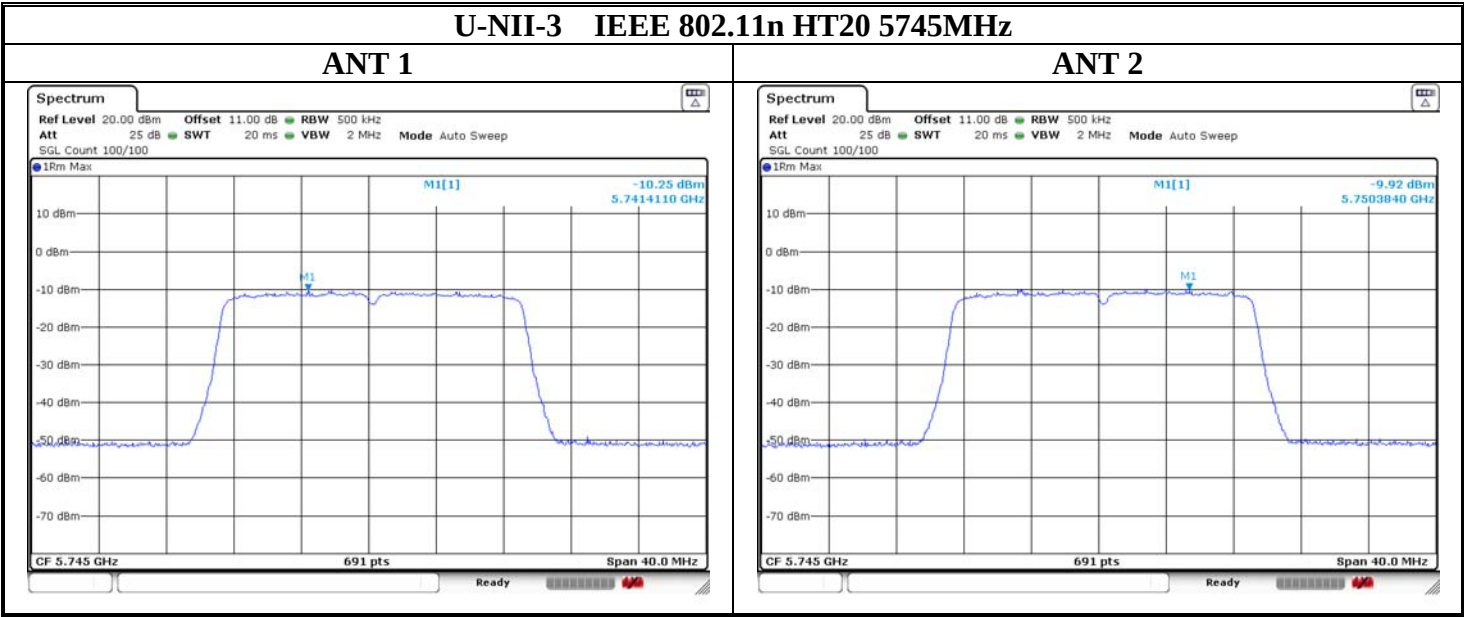
U-NII-3 IEEE 802.11a 5825MHz

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U-NII-3 IEEE 802.11n HT20 5785MHz

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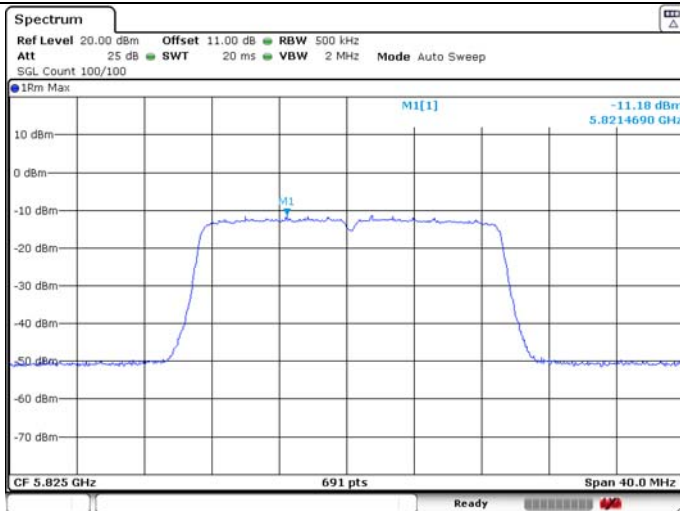


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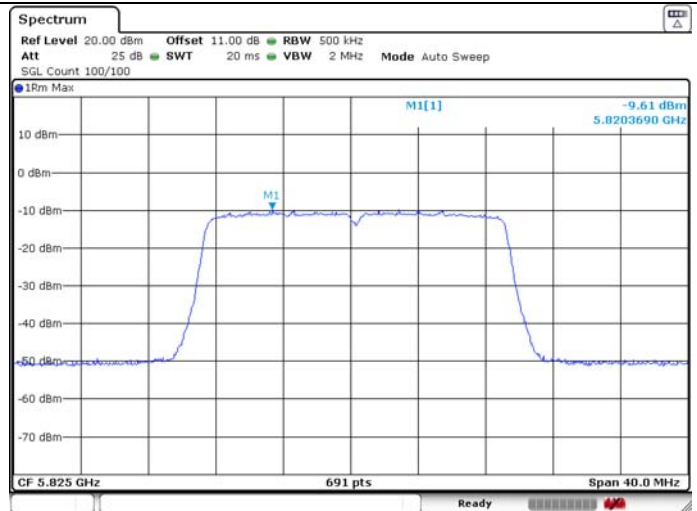


U-NII-3 IEEE 802.11n HT20 5825MHz

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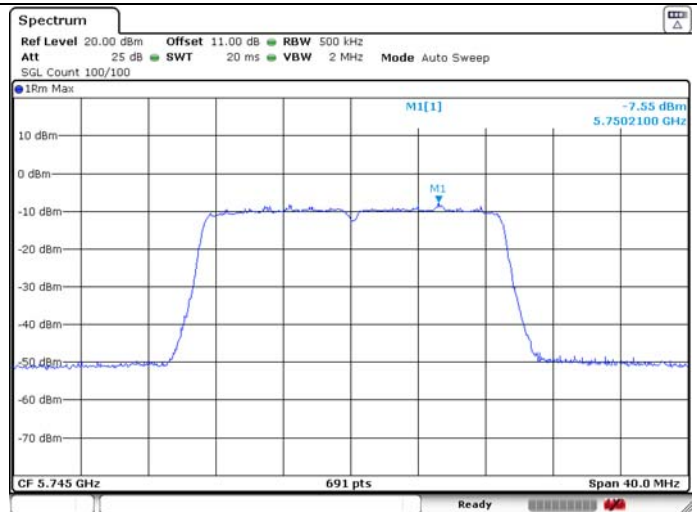


U-NII-3 IEEE 802.11ac VHT20 5745MHz

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U-NII-3 IEEE 802.11ac VHT20 5785MHz

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U-NII-3 IEEE 802.11ac VHT20 5825MHz

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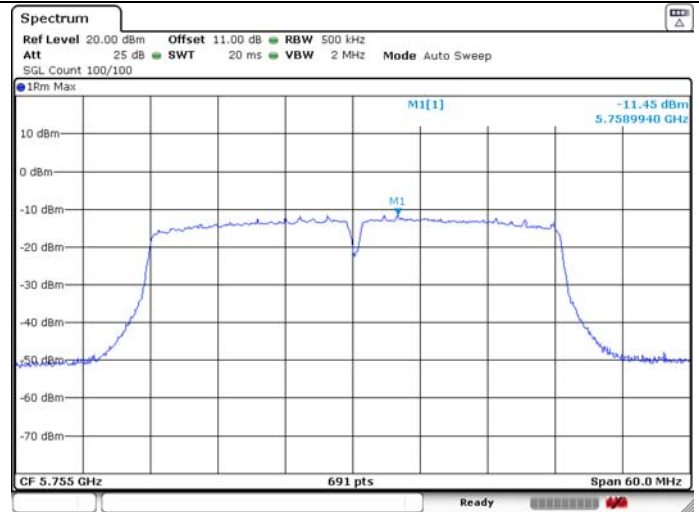


U-NII-3 IEEE 802.11n HT40 5755MHz

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U-NII-3 IEEE 802.11n HT40 5795MHz

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U-NII-3 IEEE 802.11ac VHT40 5755MHz

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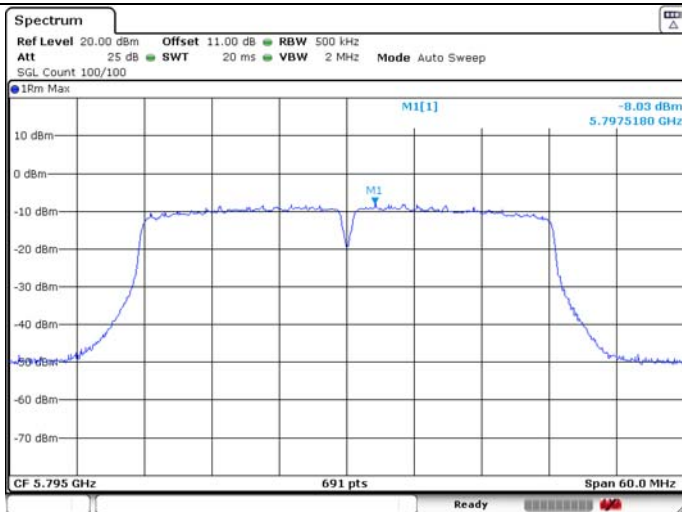


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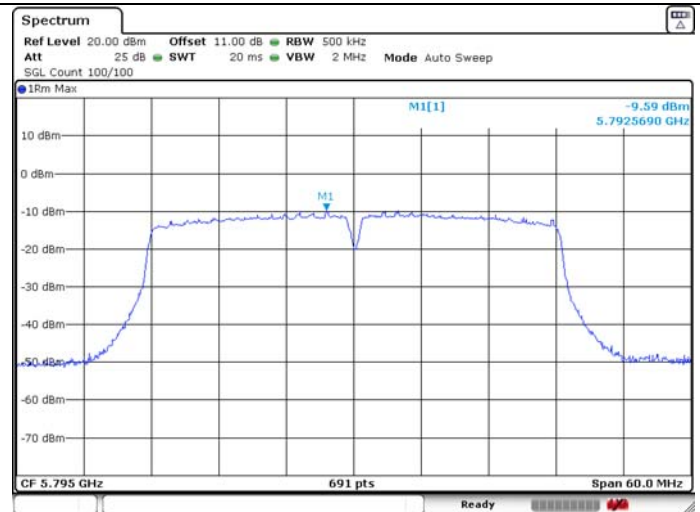


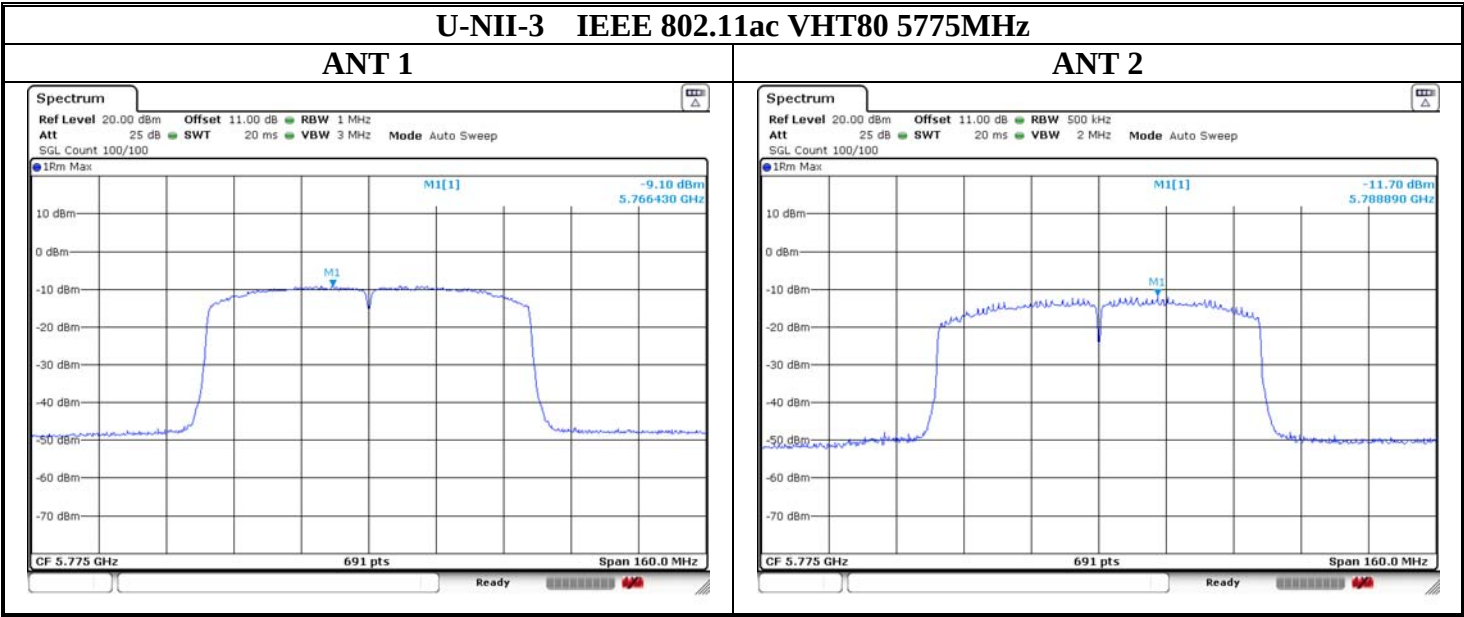
U-NII-3 IEEE 802.11ac VHT40 5795MHz

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6. UNWANTED EMISSIONS AND BAND EDGE

6.1. Limit

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The unwanted emissions which fall in Restricted bands shall not exceed the field strength levels specified in the following table:

15.209 Radiated emission limits

Frequency (MHz)	Field Strength(μ V/m)	Distance(m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

15.205 Restricted frequency band

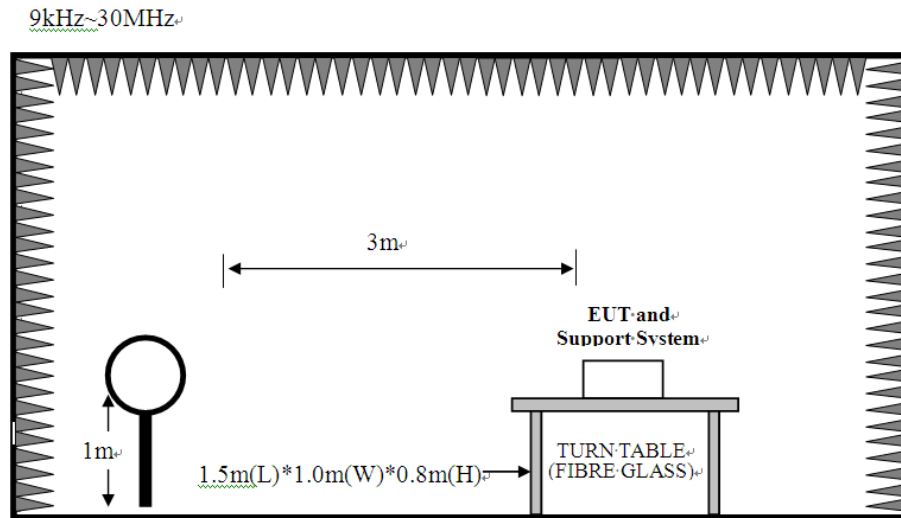
MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

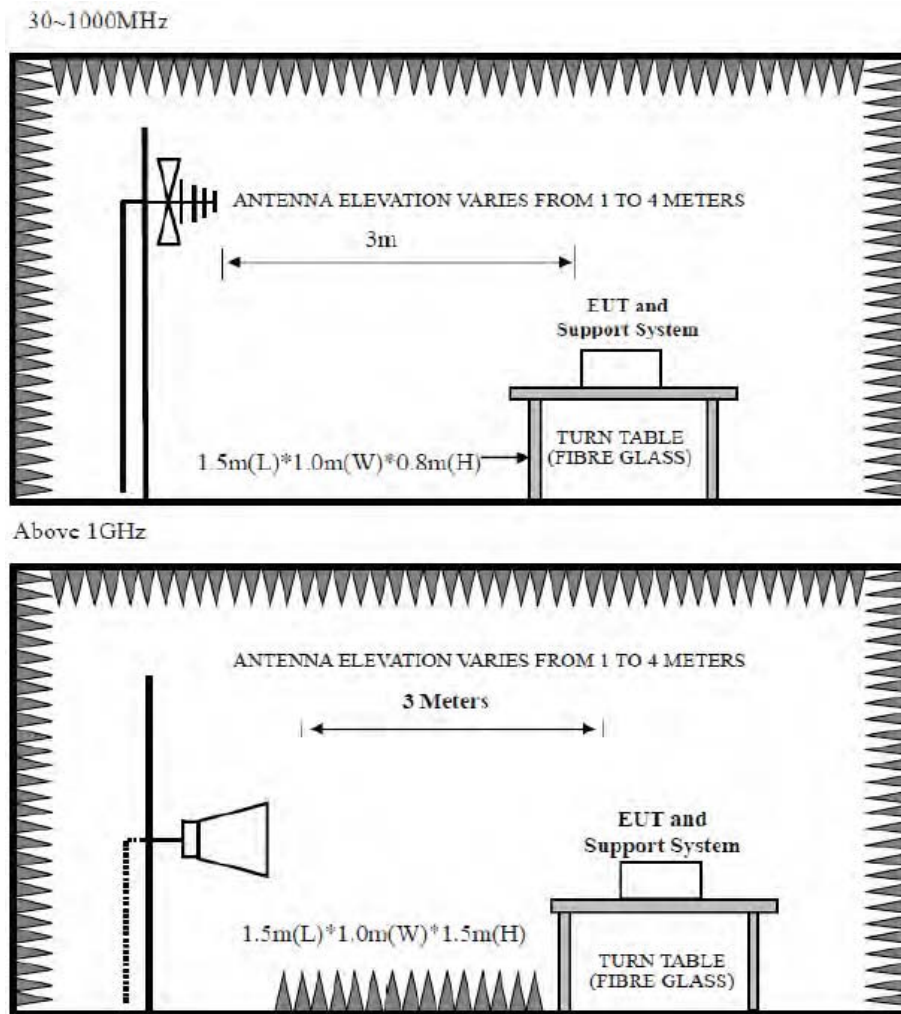
Note:

1. $\text{dB}\mu\text{V/m} = 20 \log(\mu\text{V/m})$
2. Above 1GHz the formula is used to convert the EIRP to field strength

$$E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] - 20 \log(d[\text{m}]) + 104.77,$$
 where E is field strength and d is distance at which the field strength limit is specified in the applicable requirements.
 for example, 3m field strength($\text{dB}\mu\text{V/m}$)= $\text{EIRP} - 20 \log(3) + 104.77 = \text{EIRP} + 95.2$

6.2. Test Setup





6.3. Spectrum Analyzer Setting

For 9KHz-150KHz

Spectrum Parameters	Setting
RBW	300Hz(for Peak&AVG)/CISPR 200Hz(for QP)
VBW	300Hz(for Peak&AVG)/CISPR 200Hz(for QP)
Start frequency	9KHz
Stop frequency	150KHz
Sweep Time	Auto
Detector	PEAK/QP/AVG
Trace Mode	Max Hold

Note : For 9KHz-90KHz&110KHz-150KHz,the detector is average,other frequency is CISPR QP detector.

For 150KHz-30MHz

Spectrum Parameters	Setting
RBW	9KHz
VBW	9KHz
Start frequency	150KHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

Note : For 150KHz-490KHz,the detector is average,other frequency is CISPR QP detector.

For 30MHz-1GHz

Spectrum Parameters	Setting
RBW	120KHz
VBW	300KHz
Start frequency	30MHz
Stop frequency	1GHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

For Above 1GHz

Spectrum Parameters	Setting	
RBW	1MHz	
VBW	PEAK Measurement	AVG Measurement
	3MHz	Duty cycle $\geq 98\%$, VBW=10Hz Duty cycle $< 98\%$, VBW $\geq 1/T$ Video bandwidth mode=RMS (power averaging)
Start frequency	1GHz	
Stop frequency	25GHz	
Sweep Time	Auto	
Detector	PEAK	
Trace Mode	Max Hold	

Note : T is the on-time time of the duty cycle, when EUT transmit continuously with maximum output power, unit is seconds. reference section 2.7 for the on-time time.

6.4. Test Procedure

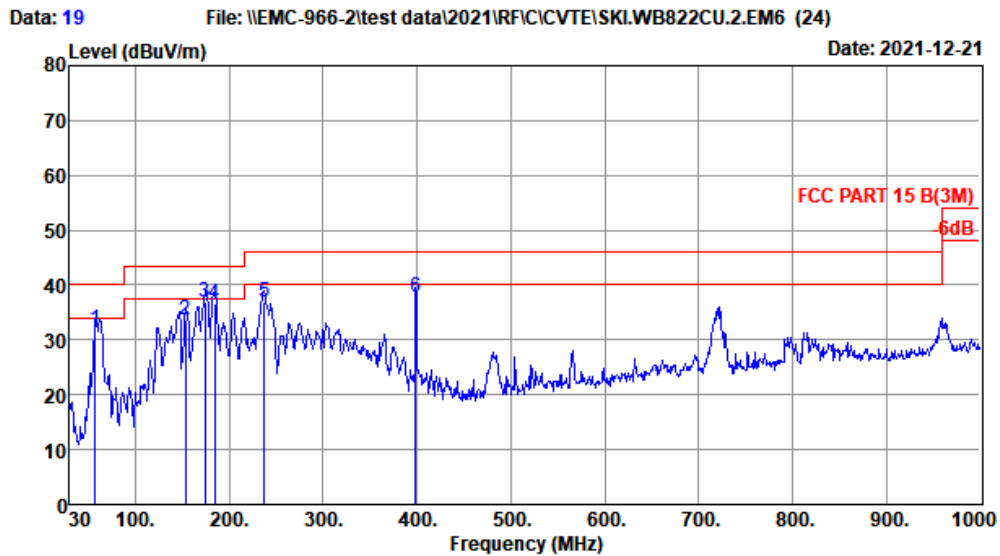
- EUT was placed on a turn table, which is 0.8 meter high above ground for below 1GHz test, and which is 1.5 meter high above ground for above 1GHz test.
- EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
- Set the EUT transmit continuously with maximum output power.
- The turn table can rotate 360 degrees to determine the position of the maximum emission level.
- The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.
- Spectrum analyzer setting parameters in accordance with section 6.3.
- Repeat above procedures until all channels were measured.
- Record the results in the test report.
- IEEE 802.11a, IEEE 802.11n HT20, IEEE 802.11n HT40, IEEE 802.11ac VHT20, IEEE 802.11ac VHT40, IEEE 802.11ac VHT80 all have been tested. The antenna 2 test data is recorded in report, only worst case IEEE 802.11n HT20 is recorded.

6.5. Test Result

Radiated Emissions Below 1GHz

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Site no. : 2# 966 chamber Data no. : 19
 Dis. / Ant. : 3m 47018 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:24.1°C;Humi:46.7%;Press:101.52kPa
 Engineer : XJ
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB WiFi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : TX Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	57.16	5.80	0.40	25.61	31.81	40.00	8.19	QP
2	153.19	11.58	1.01	21.04	33.63	43.50	9.87	QP
3	174.53	9.90	1.08	26.03	37.01	43.50	6.49	QP
4	184.23	9.44	1.10	26.16	36.70	43.50	6.80	QP
5	237.58	11.34	1.37	24.29	37.00	46.00	9.00	QP
6	398.60	16.19	1.81	19.70	37.70	46.00	8.30	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

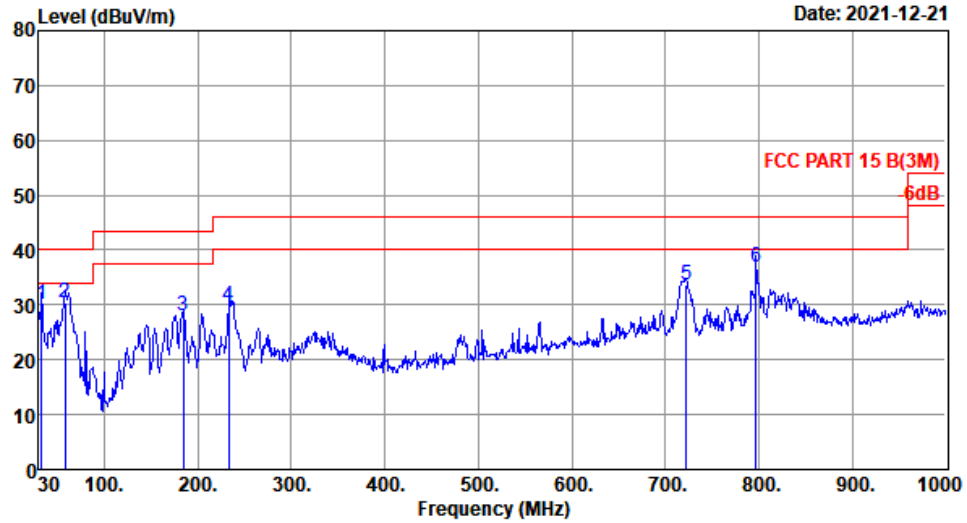
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Data: 20

File: \\EMC-966-2\\test data\\2021\\RFIC\\CVTE\\SKI.WB822CU.2.EM6 (24)

Date: 2021-12-21



Site no. : 2# 966 chamber Data no. : 20
 Dis. / Ant. : 3m 47018 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:24.1°C;Humi:46.7%;Press:101.52kPa
 Engineer : XJ
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB WiFi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : TX Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.91	16.35	0.22	13.50	30.07	40.00	9.93	QP
2	58.13	5.70	0.38	24.45	30.53	40.00	9.47	QP
3	184.23	9.44	1.10	17.47	28.01	43.50	15.49	QP
4	232.73	10.98	1.34	17.49	29.81	46.00	16.19	QP
5	722.58	21.80	2.93	9.05	33.78	46.00	12.22	QP
6	797.27	22.97	3.04	10.91	36.92	46.00	9.08	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

Note:

1. The amplitude of 9KHz to 30MHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.
2. All channels had been pre-test, only the worst case was reported.

Radiated Emissions Above 1G

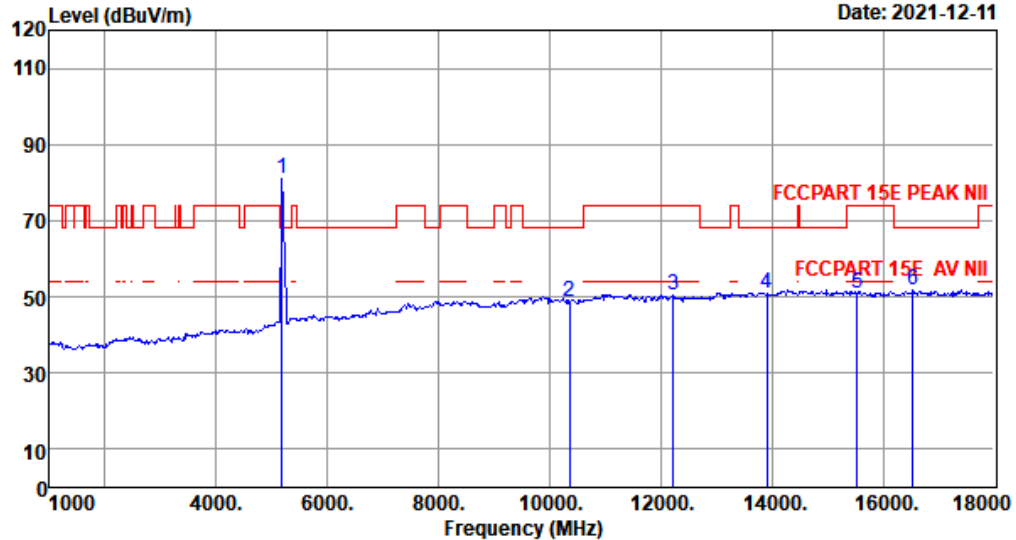
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Data: 31

File: \\EMC-966-1\test data\2021\RFIC\cvtel\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 31
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5180MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.00	32.20	3.52	34.63	79.89	80.98	68.20	-12.78	Peak
2	10360.00	39.27	5.99	34.31	37.61	48.56	68.20	19.64	Peak
3	12220.00	39.79	6.04	34.71	39.58	50.70	74.00	23.30	Peak
4	13903.00	40.93	6.49	34.31	38.01	51.12	68.20	17.08	Peak
5	15540.00	40.31	6.46	34.39	38.65	51.03	74.00	22.97	Peak
6	16538.00	40.40	7.14	34.31	38.53	51.76	68.20	16.44	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

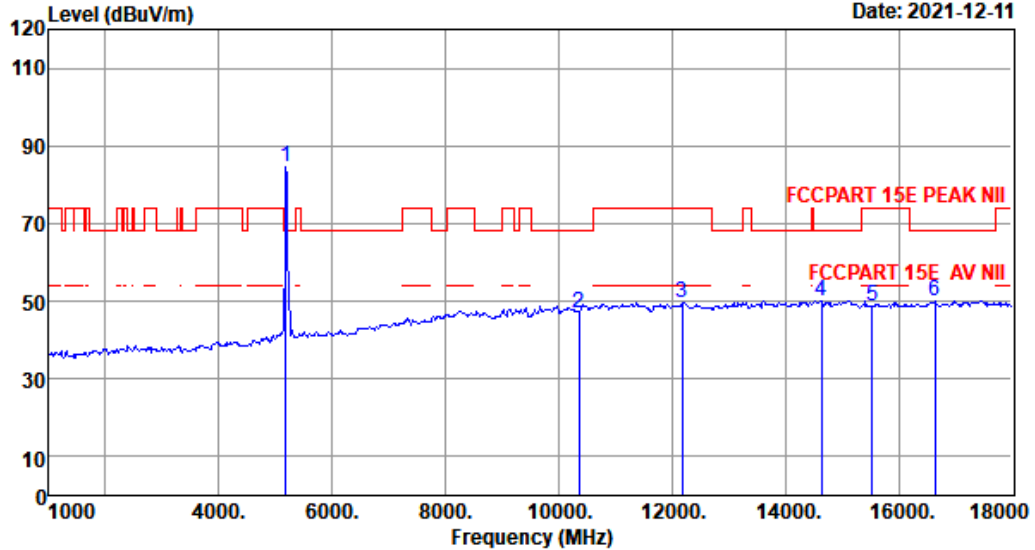
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Data: 32

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvt\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 32
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5180MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.00	32.20	3.52	34.63	83.28	84.37	68.20	-16.17	Peak
2	10360.00	39.27	5.99	34.31	36.20	47.15	68.20	21.05	Peak
3	12186.00	39.81	6.02	34.73	38.47	49.57	74.00	24.43	Peak
4	14634.00	40.97	6.88	34.49	36.66	50.02	68.20	18.18	Peak
5	15540.00	40.31	6.46	34.39	36.51	48.89	74.00	25.11	Peak
6	16640.00	40.51	7.20	34.33	36.65	50.03	68.20	18.17	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

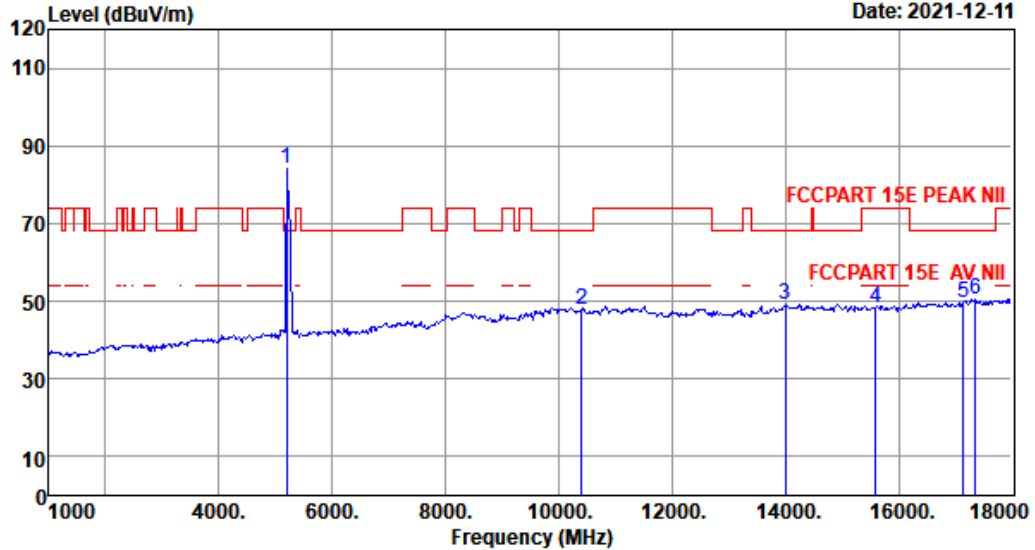
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Data: 33

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvt\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 33
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5200MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5200.00	32.24	3.53	34.62	83.03	84.18	68.20	-15.98	Peak
2	10400.00	39.31	5.99	34.32	36.69	47.67	68.20	20.53	Peak
3	14005.00	41.10	6.53	34.30	35.93	49.26	68.20	18.94	Peak
4	15600.00	40.24	6.53	34.36	35.91	48.32	74.00	25.68	Peak
5	17150.00	42.12	7.57	34.38	34.46	49.77	68.20	18.43	Peak
6	17354.00	43.75	7.77	34.36	33.20	50.36	68.20	17.84	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

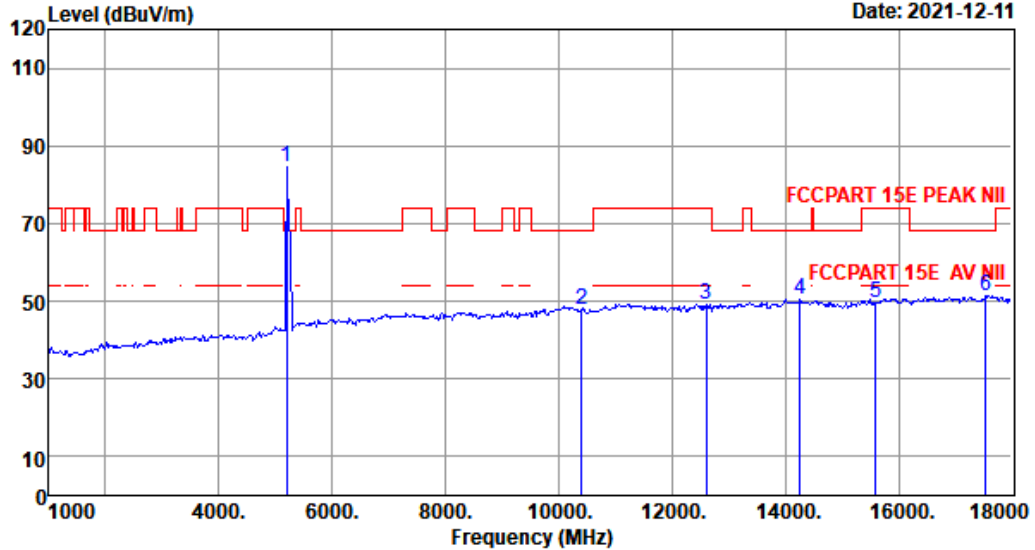
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Data: 34

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 34
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5200MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5200.00	32.24	3.53	34.62	83.28	84.43	68.20	-16.23	Peak
2	10400.00	39.31	5.99	34.32	36.69	47.67	68.20	20.53	Peak
3	12611.00	39.59	6.22	34.56	37.90	49.15	74.00	24.85	Peak
4	14260.00	41.05	6.72	34.38	37.16	50.55	68.20	17.65	Peak
5	15600.00	40.24	6.53	34.36	37.02	49.43	74.00	24.57	Peak
6	17541.00	45.24	7.94	34.35	32.53	51.36	68.20	16.84	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

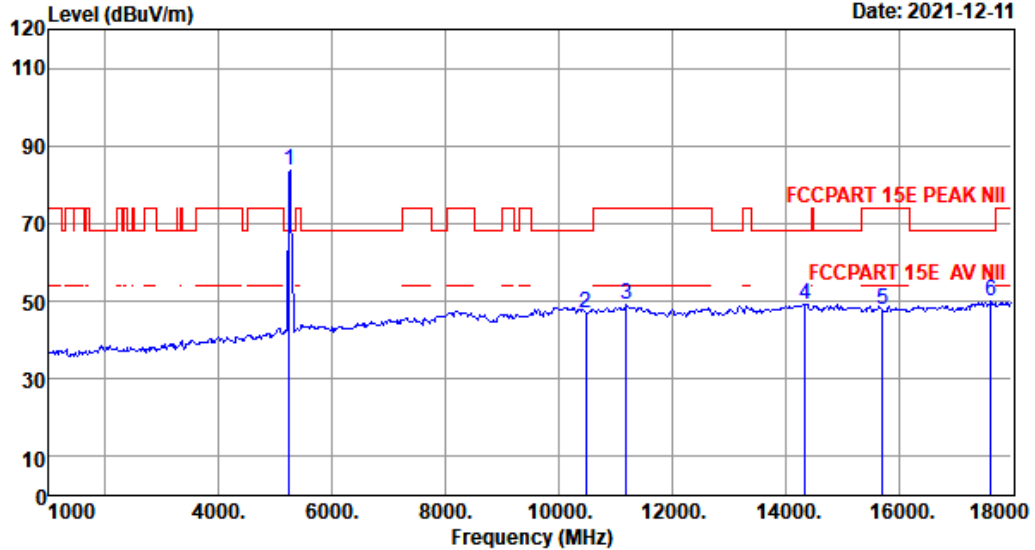
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Data: 35

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvt\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 35
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5240MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	32.31	3.55	34.61	82.27	83.52	68.20	-15.32	Peak
2	10480.00	39.39	6.02	34.35	35.82	46.88	68.20	21.32	Peak
3	11200.00	39.90	6.13	34.56	37.61	49.08	74.00	24.92	Peak
4	14345.00	41.03	6.79	34.40	35.76	49.18	68.20	19.02	Peak
5	15720.00	40.10	6.65	34.31	35.26	47.70	74.00	26.30	Peak
6	17626.00	45.92	8.00	34.34	30.31	49.89	68.20	18.31	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

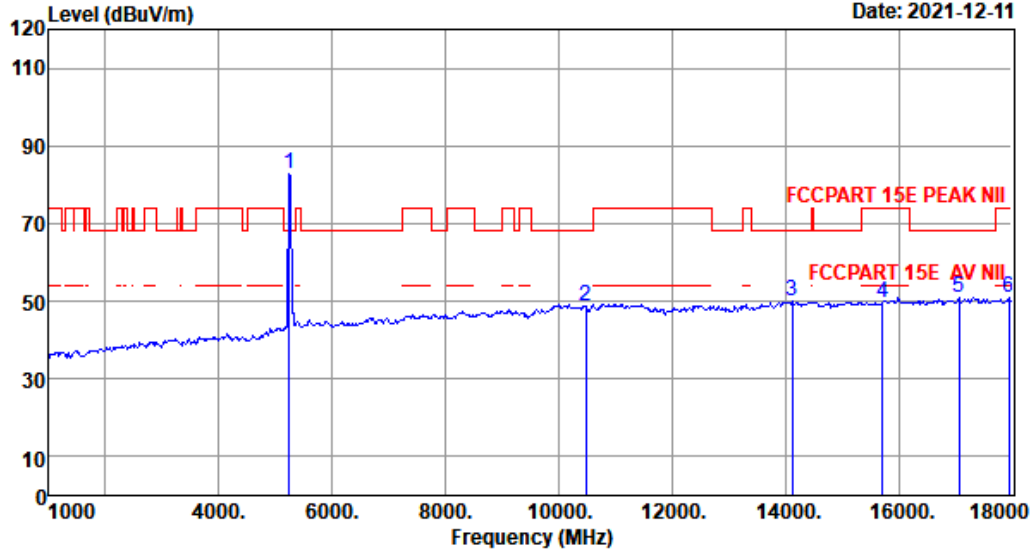
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Data: 36

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 36
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5240MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	32.31	3.55	34.61	81.69	82.94	68.20	-14.74	Peak
2	10480.00	39.39	6.02	34.35	37.79	48.85	68.20	19.35	Peak
3	14124.00	41.08	6.62	34.34	36.73	50.09	68.20	18.11	Peak
4	15720.00	40.10	6.65	34.31	37.23	49.67	74.00	24.33	Peak
5	17065.00	41.44	7.49	34.39	36.37	50.91	68.20	17.29	Peak
6	17949.00	48.49	8.21	34.31	28.38	50.77	74.00	23.23	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

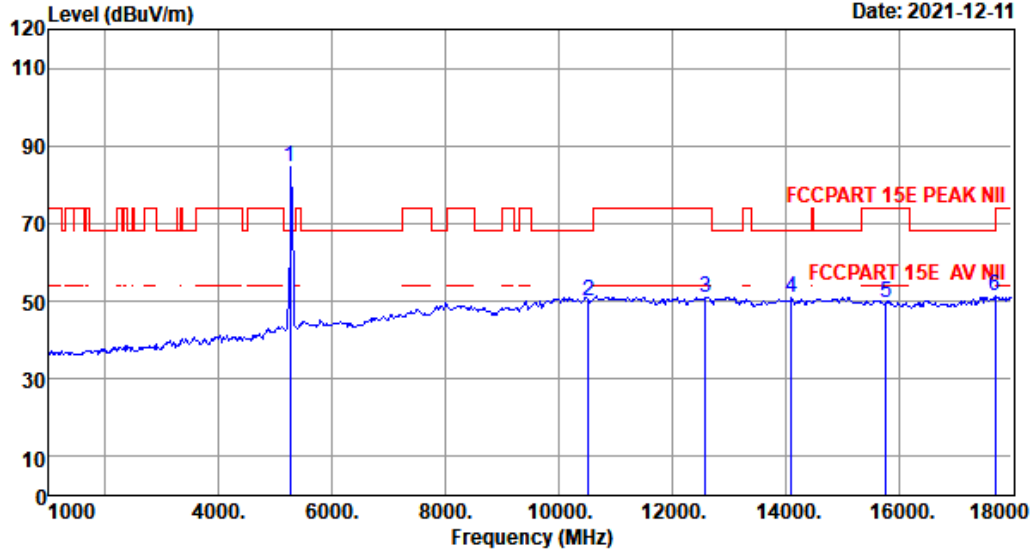
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Data: 37

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 37
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5260MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	32.39	3.57	34.59	83.11	84.48	68.20	-16.28	Peak
2	10520.00	39.43	6.02	34.36	38.95	50.04	68.20	18.16	Peak
3	12594.00	39.60	6.22	34.56	39.74	51.00	74.00	23.00	Peak
4	14107.00	41.08	6.61	34.33	37.66	51.02	68.20	17.18	Peak
5	15780.00	40.05	6.69	34.29	37.03	49.48	74.00	24.52	Peak
6	17711.00	46.59	8.05	34.33	30.85	51.16	74.00	22.84	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

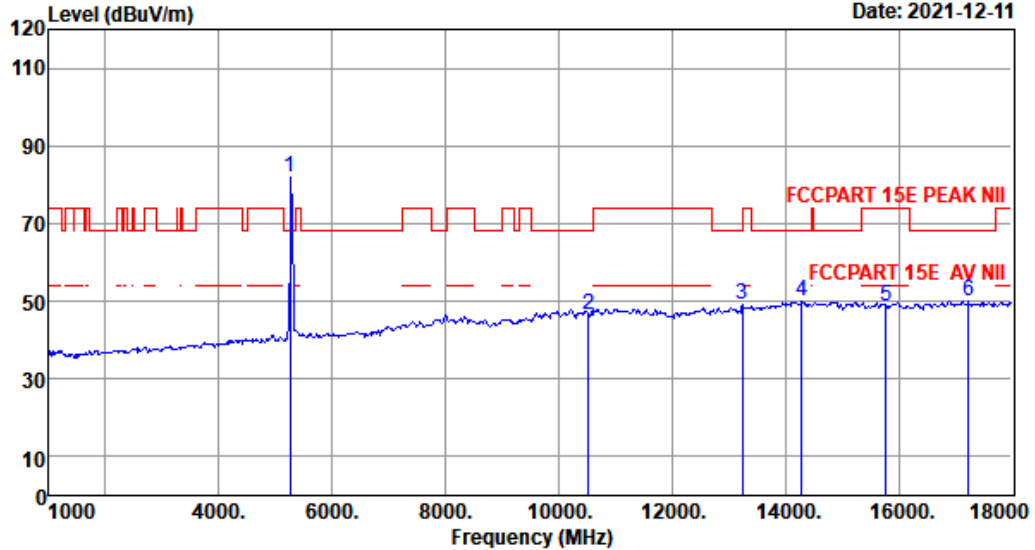
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Data: 38

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 38
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5260MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	32.39	3.57	34.59	80.66	82.03	68.20	-13.83	Peak
2	10520.00	39.43	6.02	34.36	35.37	46.46	68.20	21.74	Peak
3	13240.00	39.80	6.30	34.38	37.32	49.04	68.20	19.16	Peak
4	14294.00	41.04	6.75	34.39	36.53	49.93	68.20	18.27	Peak
5	15780.00	40.05	6.69	34.29	36.28	48.73	74.00	25.27	Peak
6	17235.00	42.80	7.65	34.38	34.03	50.10	68.20	18.10	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

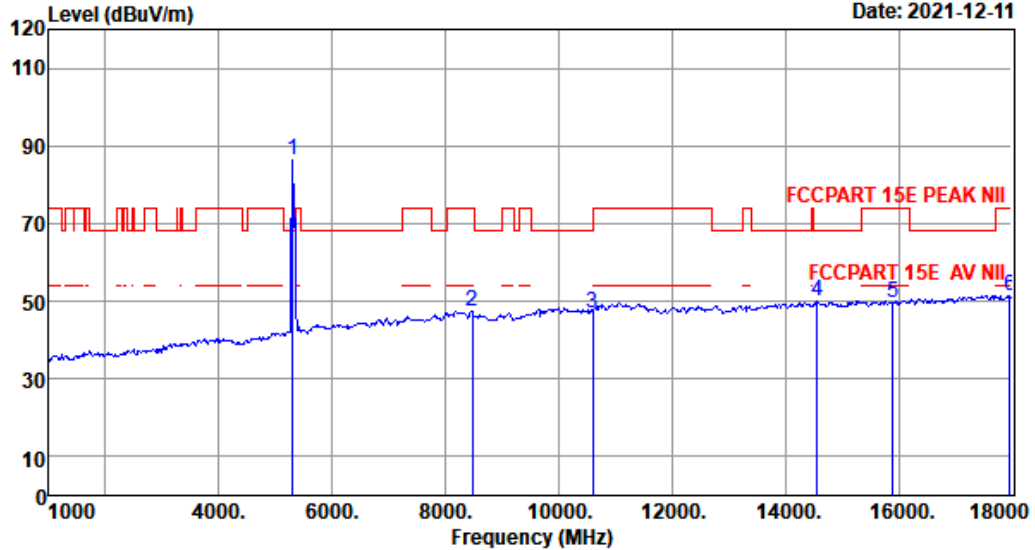
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Data: 39

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 39
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5300MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.00	32.46	3.59	34.58	84.73	86.20	68.20	-18.00	Peak
2	8480.00	36.90	5.21	34.66	39.92	47.37	74.00	26.63	Peak
3	10600.00	39.51	6.04	34.38	35.99	47.16	68.20	21.04	Peak
4	14566.00	40.99	6.89	34.47	36.67	50.08	68.20	18.12	Peak
5	15900.00	39.91	6.81	34.24	37.27	49.75	74.00	24.25	Peak
6	17966.00	48.63	8.22	34.30	29.00	51.55	74.00	22.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

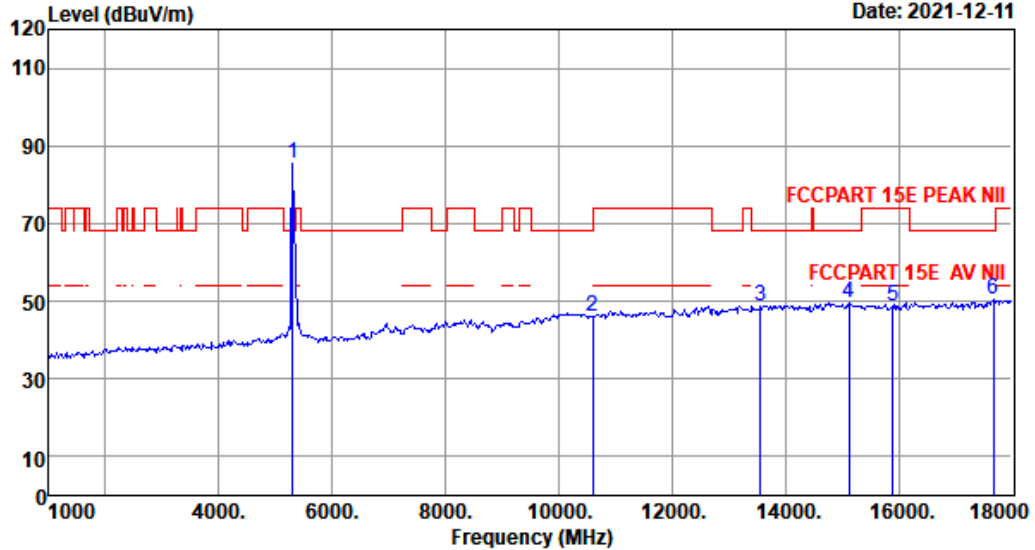
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Data: 40

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 40
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5300MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.00	32.46	3.59	34.58	84.09	85.56	68.20	-17.36	Peak
2	10600.00	39.51	6.04	34.38	34.66	45.83	68.20	22.37	Peak
3	13563.00	40.35	6.36	34.34	36.44	48.81	68.20	19.39	Peak
4	15127.00	40.77	6.72	34.55	36.71	49.65	68.20	18.55	Peak
5	15900.00	39.91	6.81	34.24	36.27	48.75	74.00	25.25	Peak
6	17677.00	46.32	8.03	34.33	30.24	50.26	68.20	17.94	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

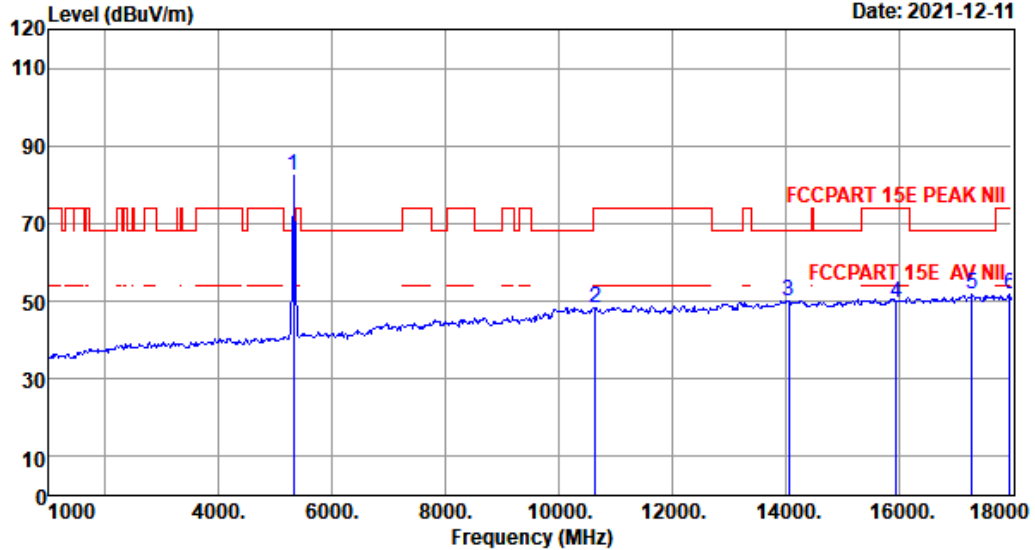
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Data: 41

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvt\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 41
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5320MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	32.50	3.60	34.57	80.81	82.34	68.20	-14.14	Peak
2	10640.00	39.54	6.04	34.39	37.14	48.33	74.00	25.67	Peak
3	14056.00	41.09	6.57	34.32	36.77	50.11	68.20	18.09	Peak
4	15960.00	39.84	6.88	34.21	37.15	49.66	74.00	24.34	Peak
5	17303.00	43.34	7.72	34.37	34.96	51.65	68.20	16.55	Peak
6	17966.00	48.63	8.22	34.30	29.37	51.92	74.00	22.08	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

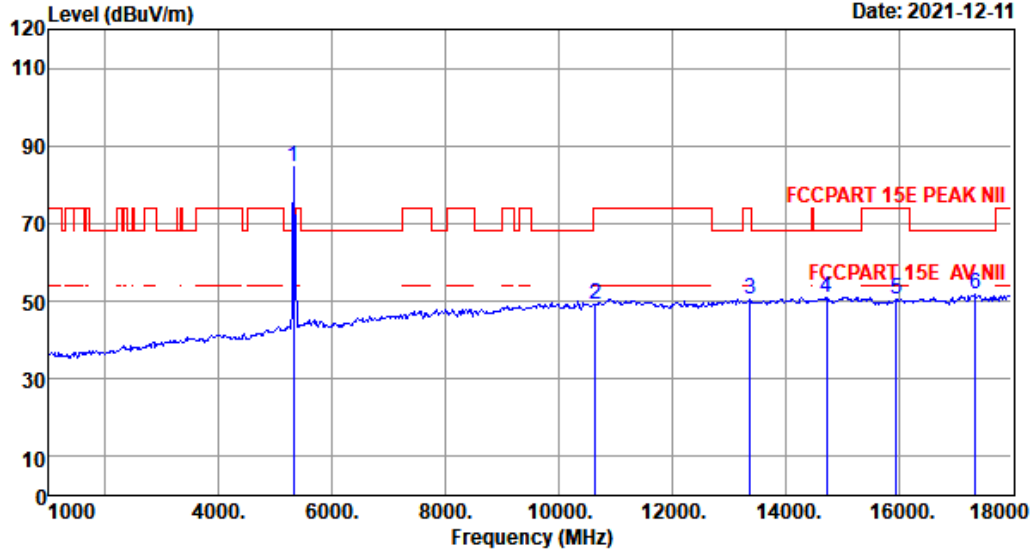
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Data: 42

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 42
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5320MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	32.50	3.60	34.57	82.90	84.43	68.20	-16.23	Peak
2	10640.00	39.54	6.04	34.39	37.84	49.03	74.00	24.97	Peak
3	13376.00	40.03	6.32	34.36	38.32	50.31	74.00	23.69	Peak
4	14736.00	40.95	6.86	34.52	37.80	51.09	68.20	17.11	Peak
5	15960.00	39.84	6.88	34.21	38.15	50.66	74.00	23.34	Peak
6	17354.00	43.75	7.77	34.36	34.47	51.63	68.20	16.57	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

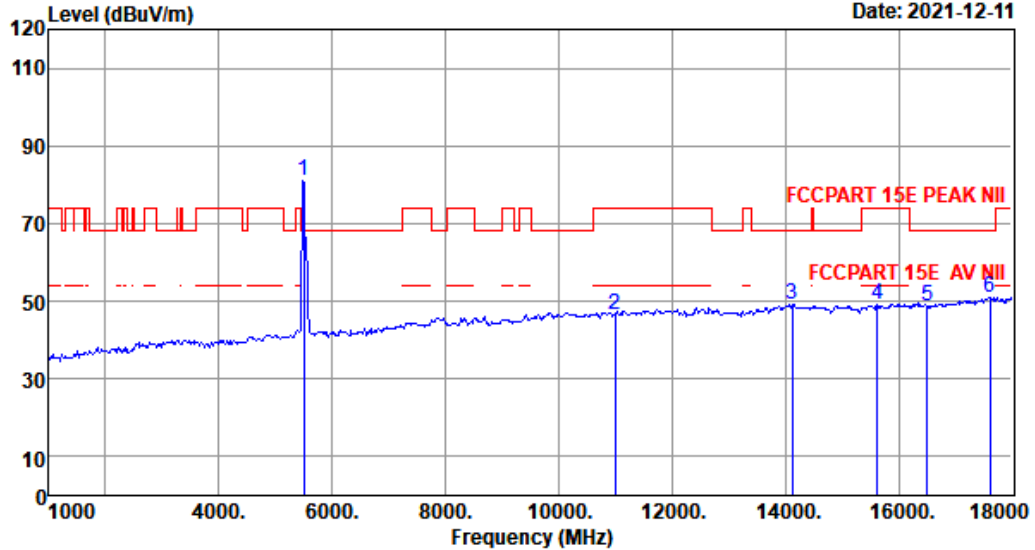
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Data: 43

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 43
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5500MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.00	32.90	3.71	34.50	79.06	81.17	68.20	-12.97	Peak
2	11000.00	39.90	6.11	34.50	34.93	46.44	74.00	27.56	Peak
3	14124.00	41.08	6.62	34.34	35.70	49.06	68.20	19.14	Peak
4	15620.00	40.22	6.55	34.35	36.77	49.19	74.00	24.81	Peak
5	16500.00	40.36	7.12	34.30	35.51	48.69	68.20	19.51	Peak
6	17609.00	45.78	7.99	34.34	31.63	51.06	68.20	17.14	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

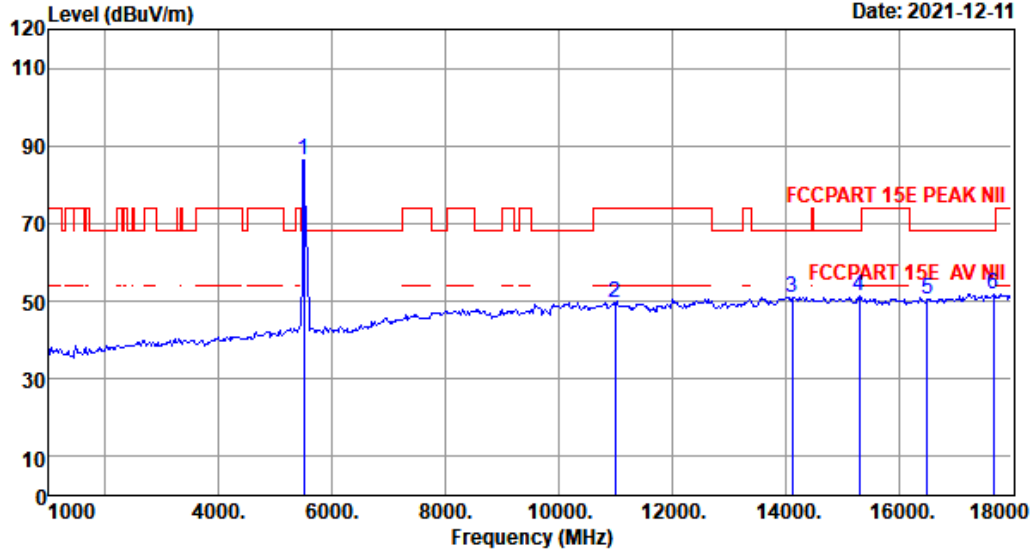
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Data: 44

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 44
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5500MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.00	32.90	3.71	34.50	84.27	86.38	68.20	-18.18	Peak
2	11000.00	39.90	6.11	34.50	37.98	49.49	74.00	24.51	Peak
3	14124.00	41.08	6.62	34.34	37.71	51.07	68.20	17.13	Peak
4	15314.00	40.56	6.57	34.48	38.93	51.58	68.20	16.62	Peak
5	16500.00	40.36	7.12	34.30	37.38	50.56	68.20	17.64	Peak
6	17677.00	46.32	8.03	34.33	31.92	51.94	68.20	16.26	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

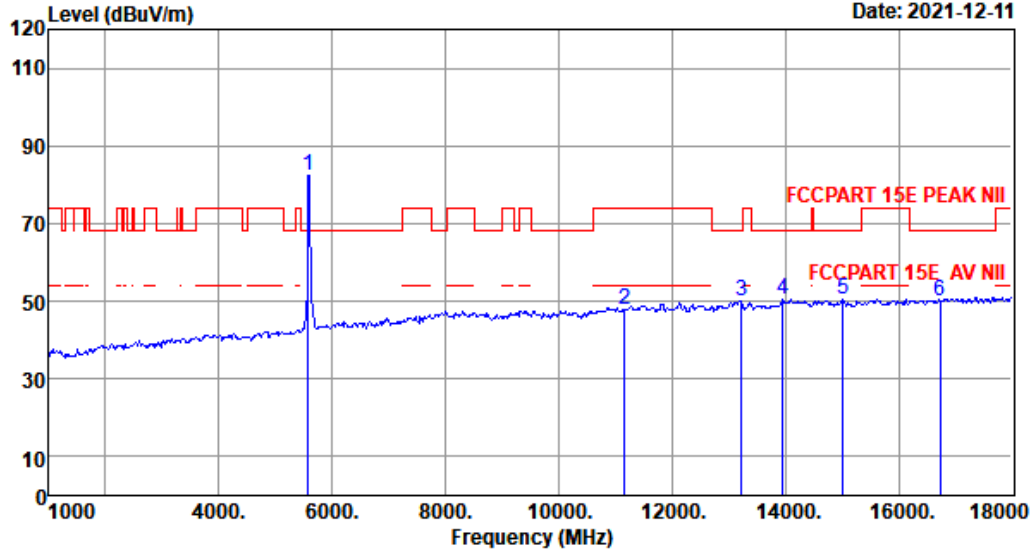
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Data: 45

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 45
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5580MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5580.00	32.89	3.79	34.47	80.20	82.41	68.20	-14.21	Peak
2	11160.00	39.90	6.12	34.55	36.43	47.90	74.00	26.10	Peak
3	13223.00	39.77	6.30	34.38	38.22	49.91	68.20	18.29	Peak
4	13954.00	41.01	6.51	34.31	37.13	50.34	68.20	17.86	Peak
5	15025.00	40.88	6.80	34.59	37.27	50.36	68.20	17.84	Peak
6	16740.00	40.62	7.26	34.35	36.67	50.20	68.20	18.00	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

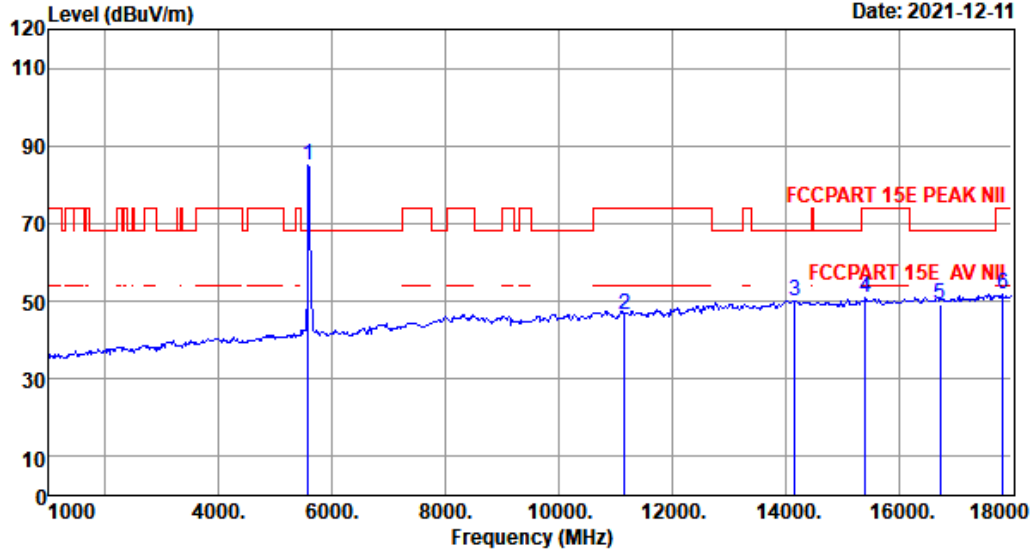
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Data: 46

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 46
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5580MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5580.00	32.89	3.79	34.47	82.78	84.99	68.20	-16.79	Peak
2	11160.00	39.90	6.12	34.55	35.13	46.60	74.00	27.40	Peak
3	14175.00	41.07	6.66	34.35	36.69	50.07	68.20	18.13	Peak
4	15416.00	40.44	6.50	34.43	38.27	50.78	74.00	23.22	Peak
5	16740.00	40.62	7.26	34.35	35.74	49.27	68.20	18.93	Peak
6	17847.00	47.68	8.14	34.32	30.24	51.74	74.00	22.26	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

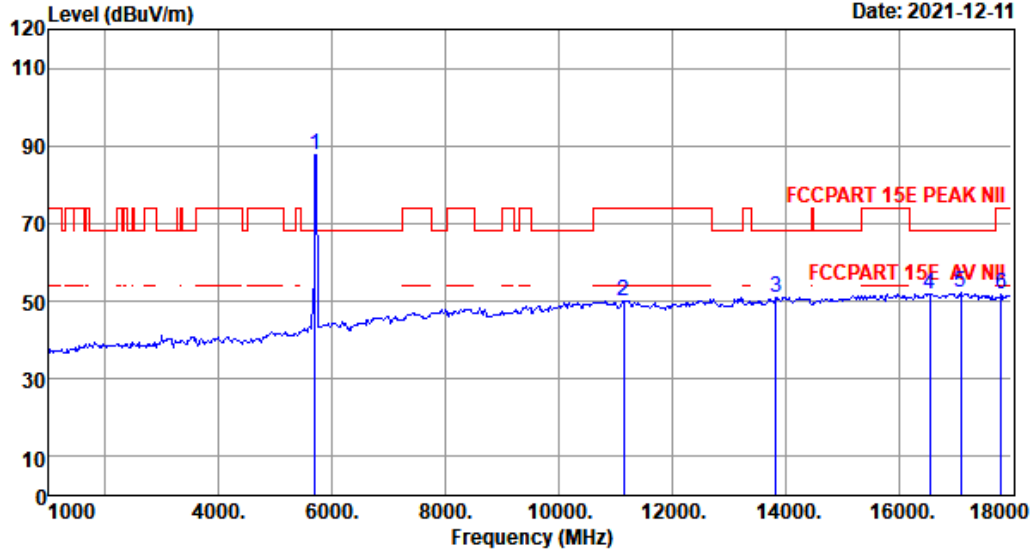
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Data: 47

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 47
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5700MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.00	32.86	3.94	34.42	85.49	87.87	68.20	-19.67	Peak
2	11140.00	39.90	6.12	34.54	38.73	50.21	74.00	23.79	Peak
3	13835.00	40.81	6.46	34.32	38.17	51.12	68.20	17.08	Peak
4	16555.00	40.42	7.15	34.31	38.70	51.96	68.20	16.24	Peak
5	17100.00	41.71	7.52	34.39	37.27	52.11	68.20	16.09	Peak
6	17813.00	47.41	8.12	34.32	30.45	51.66	74.00	22.34	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

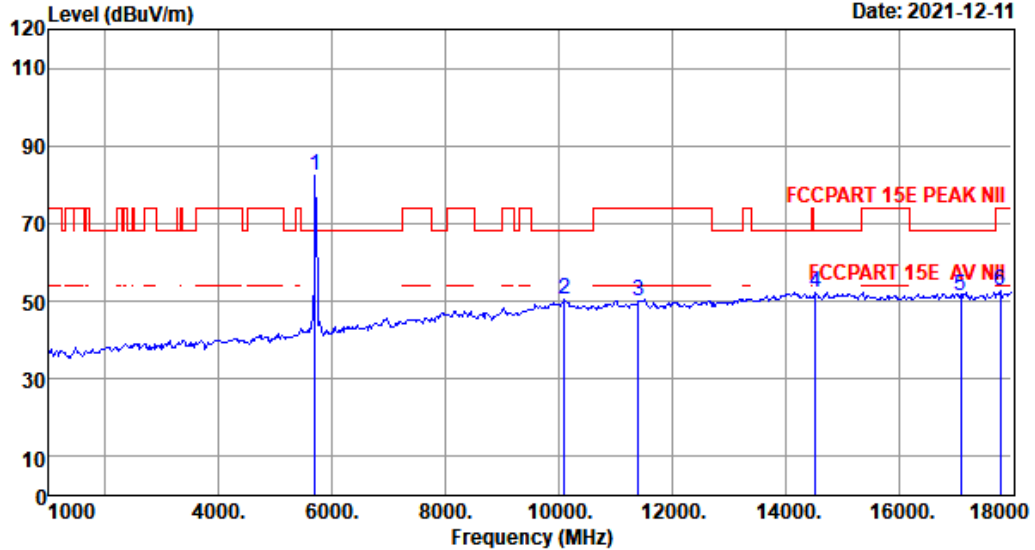
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Data: 48

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 48
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5700MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.00	32.86	3.94	34.42	80.07	82.45	68.20	-14.25	Peak
2	10095.00	39.00	5.92	34.23	39.90	50.59	68.20	17.61	Peak
3	11400.00	39.90	6.14	34.62	38.44	49.86	74.00	24.14	Peak
4	14532.00	40.99	6.89	34.46	38.78	52.20	68.20	16.00	Peak
5	17100.00	41.71	7.52	34.39	36.68	51.52	68.20	16.68	Peak
6	17796.00	47.27	8.11	34.32	31.49	52.55	74.00	21.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

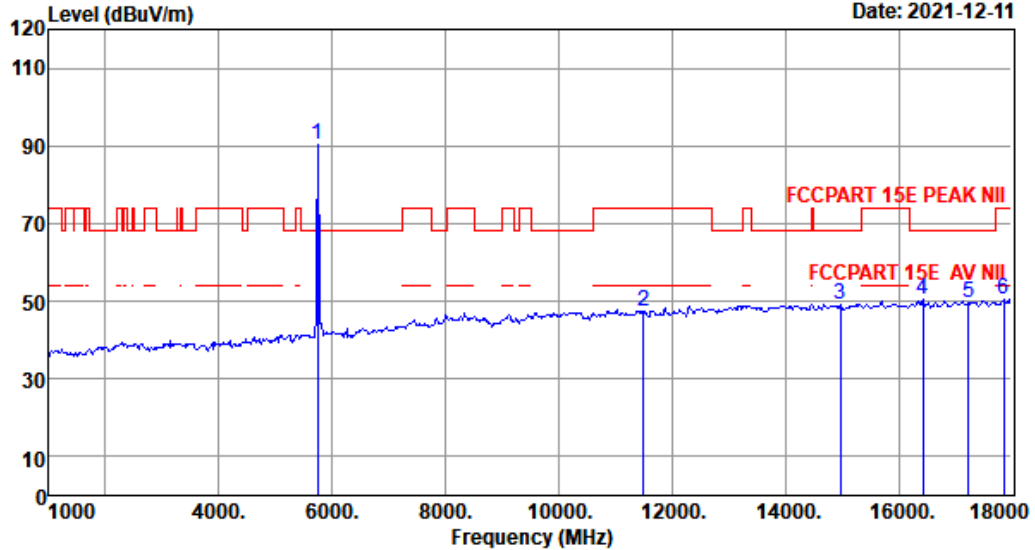
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Data: 49

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 49
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5745MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	32.85	4.00	34.40	87.83	90.28	68.20	-22.08	Peak
2	11490.00	39.90	6.15	34.65	35.85	47.25	74.00	26.75	Peak
3	14974.00	40.91	6.82	34.59	36.16	49.30	68.20	18.90	Peak
4	16436.00	40.28	7.09	34.29	37.34	50.42	68.20	17.78	Peak
5	17235.00	42.80	7.65	34.38	33.37	49.44	68.20	18.76	Peak
6	17864.00	47.82	8.15	34.31	28.73	50.39	74.00	23.61	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

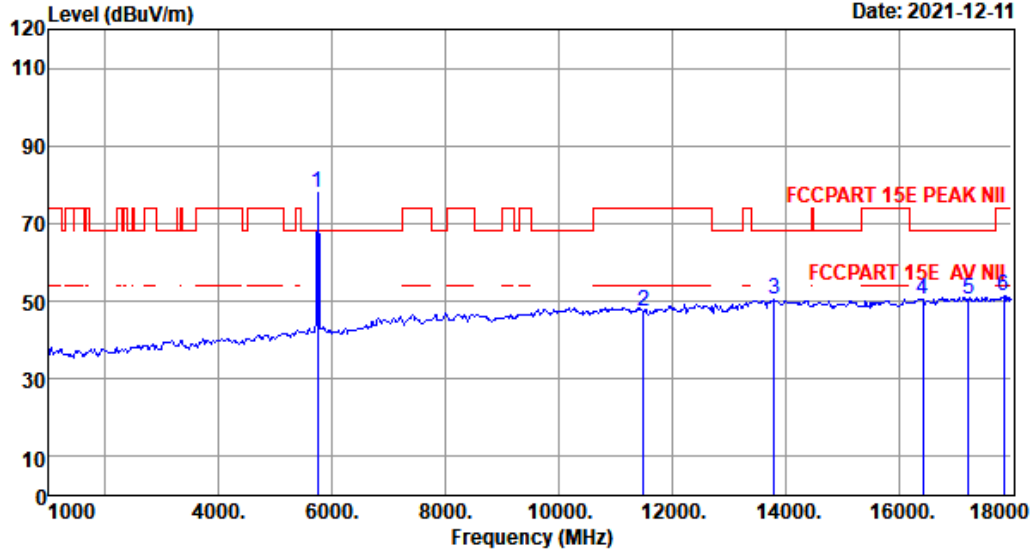
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Data: 50

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 50
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5745MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	32.85	4.00	34.40	75.62	78.07	68.20	-9.87	Peak
2	11490.00	39.90	6.15	34.65	36.18	47.58	74.00	26.42	Peak
3	13801.00	40.75	6.45	34.32	37.67	50.55	68.20	17.65	Peak
4	16436.00	40.28	7.09	34.29	37.45	50.53	68.20	17.67	Peak
5	17235.00	42.80	7.65	34.38	34.27	50.34	68.20	17.86	Peak
6	17864.00	47.82	8.15	34.31	29.55	51.21	74.00	22.79	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

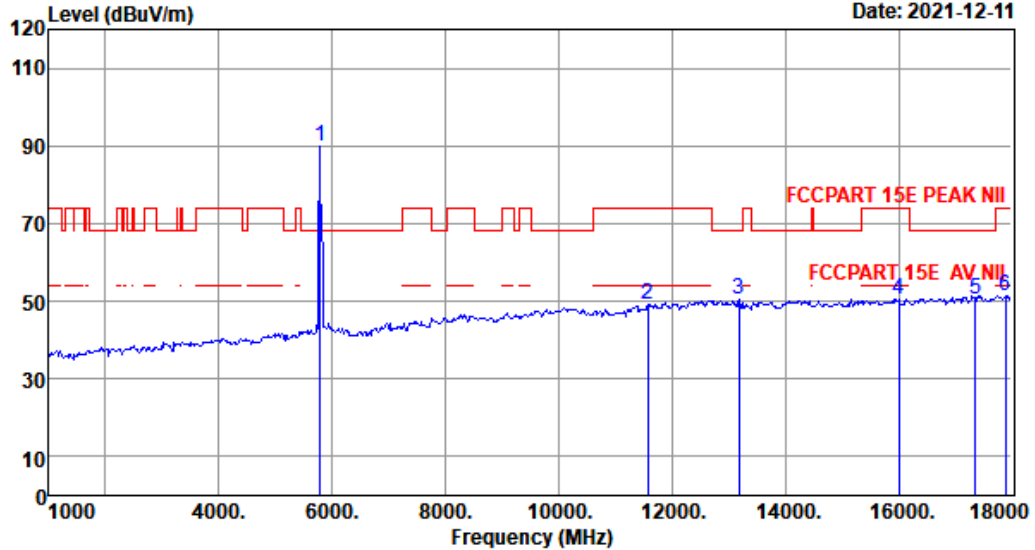
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Data: 51

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 51
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5785MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.00	32.84	4.05	34.39	87.46	89.96	68.20	-21.76	Peak
2	11570.00	39.90	6.12	34.67	37.65	49.00	74.00	25.00	Peak
3	13189.00	39.72	6.29	34.38	38.66	50.29	68.20	17.91	Peak
4	16011.00	39.82	6.92	34.20	38.07	50.61	74.00	23.39	Peak
5	17355.00	43.75	7.77	34.36	33.49	50.65	68.20	17.55	Peak
6	17881.00	47.95	8.16	34.31	29.48	51.28	74.00	22.72	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

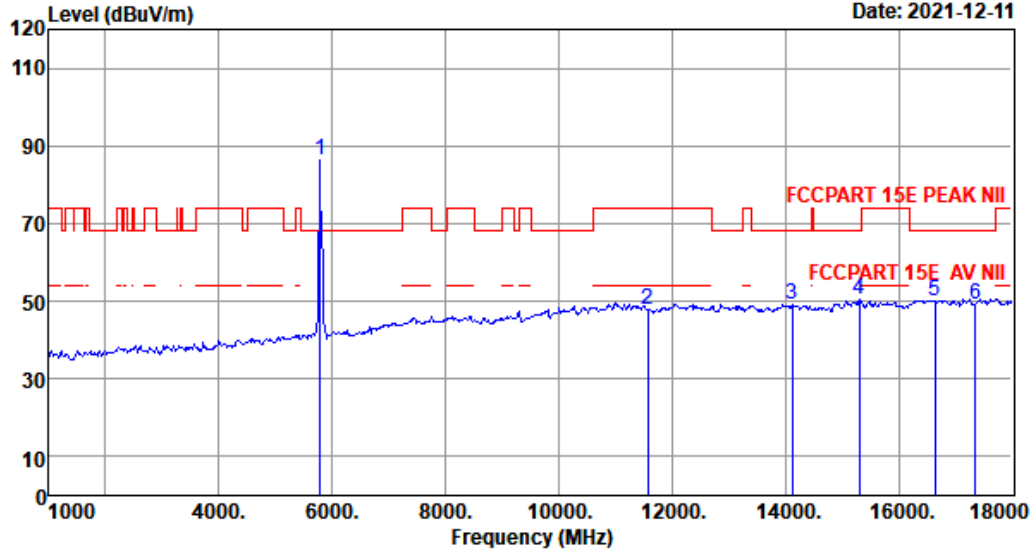
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Data: 52

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 52
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5785MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.00	32.84	4.05	34.39	83.87	86.37	68.20	-18.17	Peak
2	11570.00	39.90	6.12	34.67	36.45	47.80	74.00	26.20	Peak
3	14124.00	41.08	6.62	34.34	35.80	49.16	68.20	19.04	Peak
4	15314.00	40.56	6.57	34.48	37.69	50.34	68.20	17.86	Peak
5	16640.00	40.51	7.20	34.33	36.81	50.19	68.20	18.01	Peak
6	17355.00	43.75	7.77	34.36	32.04	49.20	68.20	19.00	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

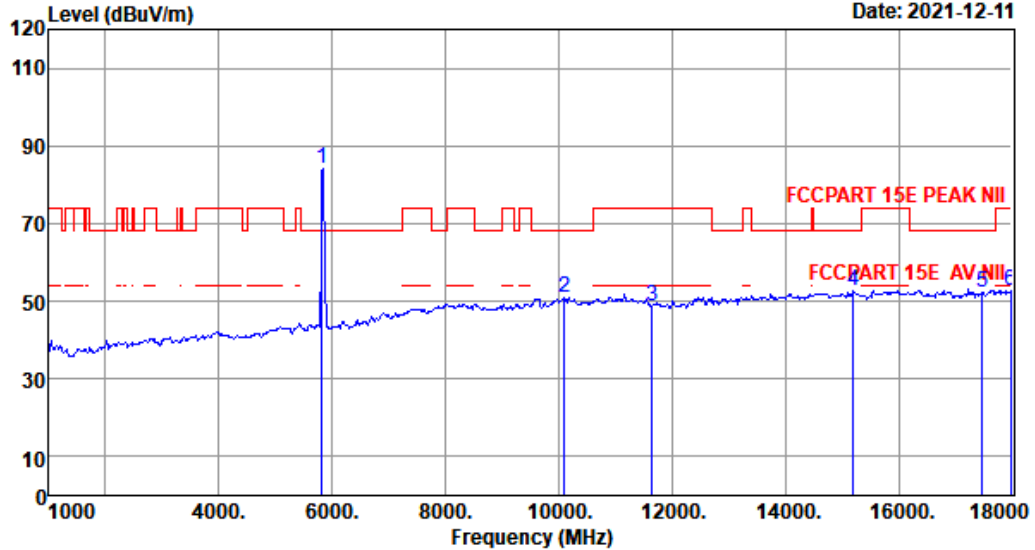
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Data: 53

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



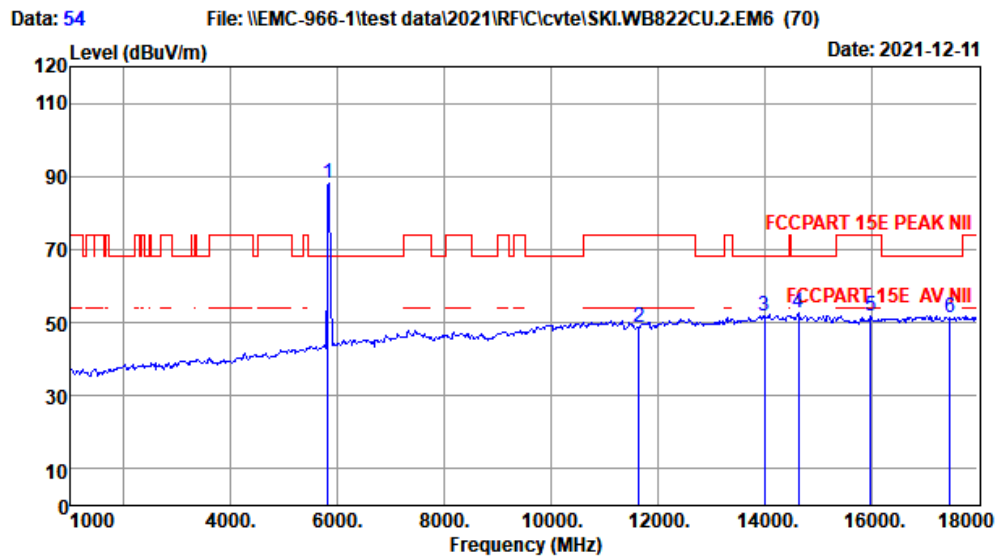
Site no. : 1# 966 Chamber Data no. : 53
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5825MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.00	32.83	4.11	34.37	81.71	84.28	68.20	-16.08	Peak
2	10095.00	39.00	5.92	34.23	40.21	50.90	68.20	17.30	Peak
3	11650.00	39.90	6.08	34.69	37.64	48.93	74.00	25.07	Peak
4	15195.00	40.69	6.67	34.52	39.80	52.64	68.20	15.56	Peak
5	17475.00	44.70	7.89	34.35	34.16	52.40	68.20	15.80	Peak
6	17983.00	48.76	8.23	34.30	30.06	52.75	74.00	21.25	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 1# 966 Chamber Data no. : 54
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7'; Humi:50.3%; Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5825MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.00	32.83	4.11	34.37	85.49	88.06	68.20	-19.86	Peak
2	11650.00	39.90	6.08	34.69	37.33	48.62	74.00	25.38	Peak
3	14005.00	41.10	6.53	34.30	38.68	52.01	68.20	16.19	Peak
4	14634.00	40.97	6.88	34.49	39.19	52.55	68.20	15.65	Peak
5	15994.00	39.80	6.91	34.20	39.17	51.68	74.00	22.32	Peak
6	17475.00	44.70	7.89	34.35	33.08	51.32	68.20	16.88	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

Note:

1. The amplitude of 18GHz to 25GHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Radiated Band Edge

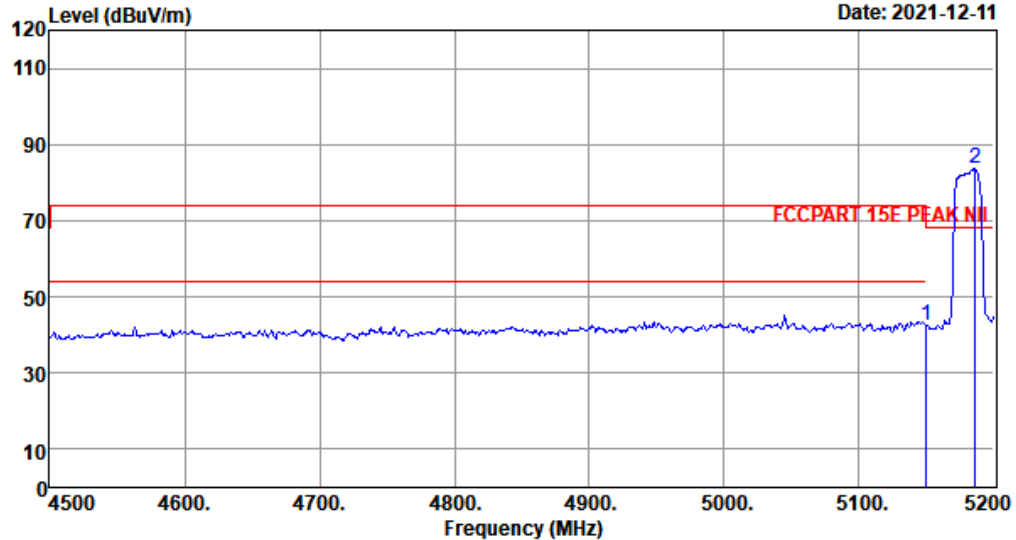
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Data: 55

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvtel\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 55
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5180MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	32.13	3.50	34.64	41.45	42.44	68.20	25.76	Peak
2	5186.00	32.20	3.52	34.63	82.65	83.74	68.20	-15.54	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

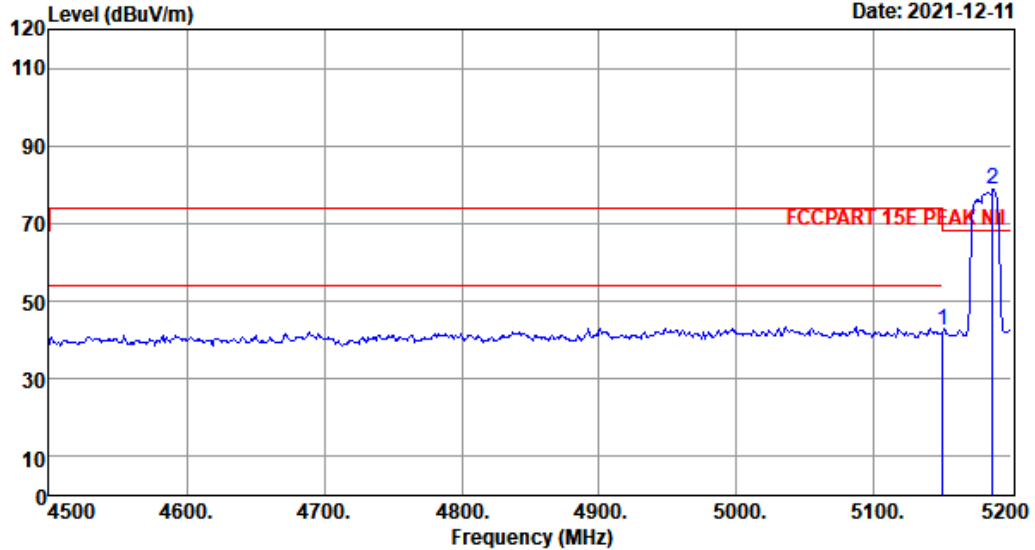
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Data: 56

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 56
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5180MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	32.13	3.50	34.64	41.42	42.41	68.20	25.79	Peak
2	5186.00	32.20	3.52	34.63	77.60	78.69	68.20	-10.49	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

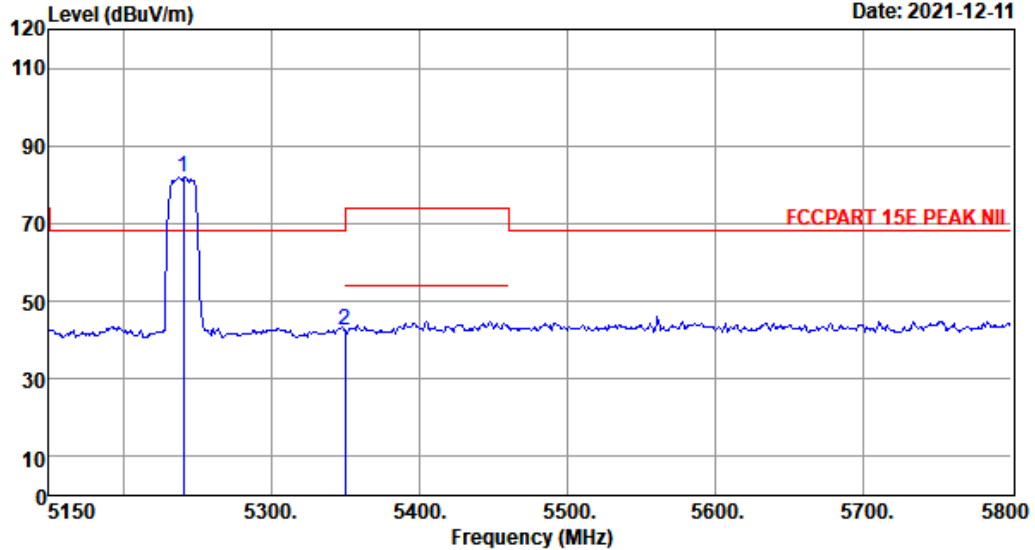
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Data: 57

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 57
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5240MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5241.00	32.31	3.55	34.61	80.81	82.06	68.20	-13.86	Peak
2	5350.00	32.57	3.62	34.56	40.83	42.46	68.20	25.74	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

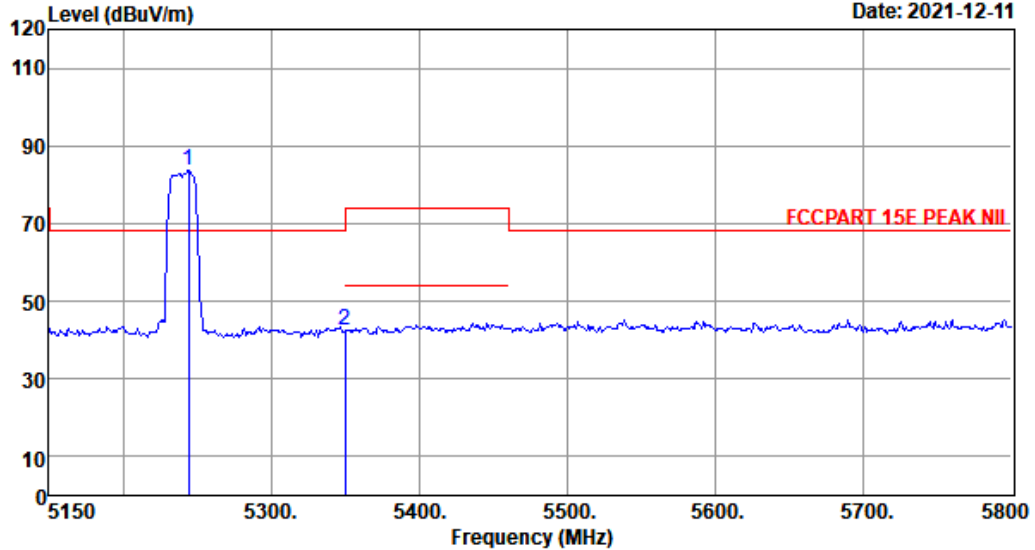
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Data: 58

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 58
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5240MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5244.25	32.35	3.56	34.60	82.46	83.77	68.20	-15.57	Peak
2	5350.00	32.57	3.62	34.56	40.66	42.29	68.20	25.91	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

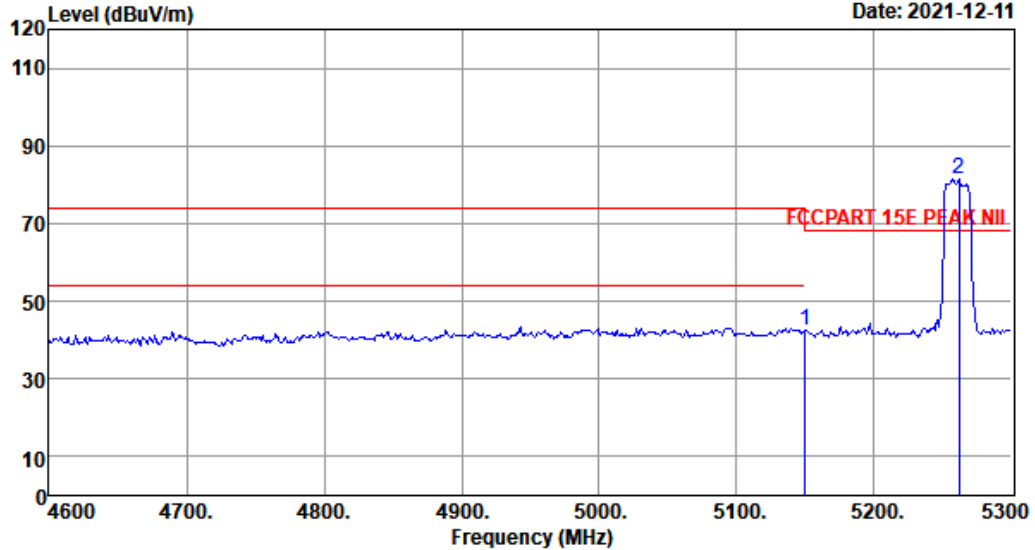
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Data: 59

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 59
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5260MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	32.13	3.50	34.64	41.51	42.50	68.20	25.70	Peak
2	5261.50	32.39	3.57	34.59	80.00	81.37	68.20	-13.17	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

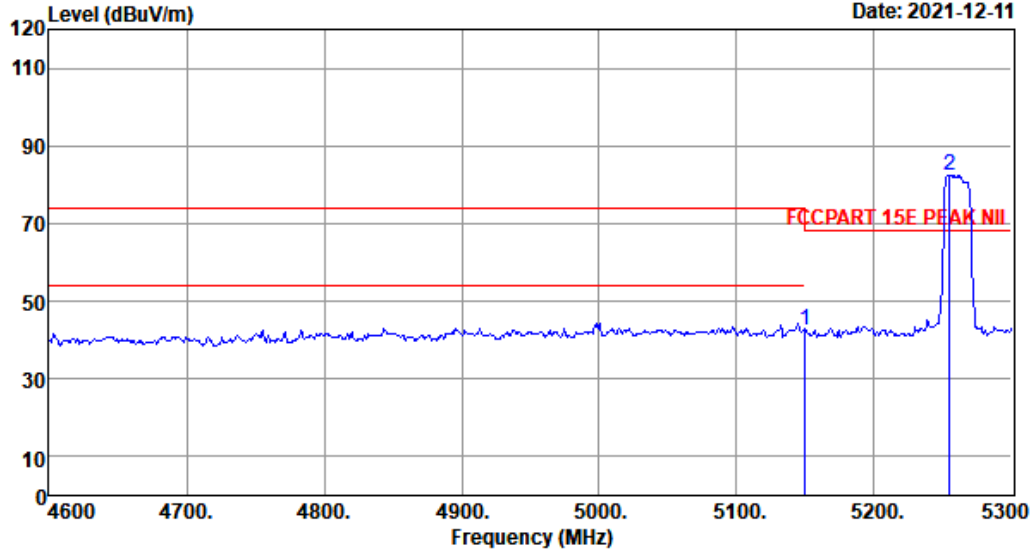
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Data: 60

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 60
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5260MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	32.13	3.50	34.64	41.46	42.45	68.20	25.75	Peak
2	5254.50	32.35	3.56	34.60	81.07	82.38	68.20	-14.18	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

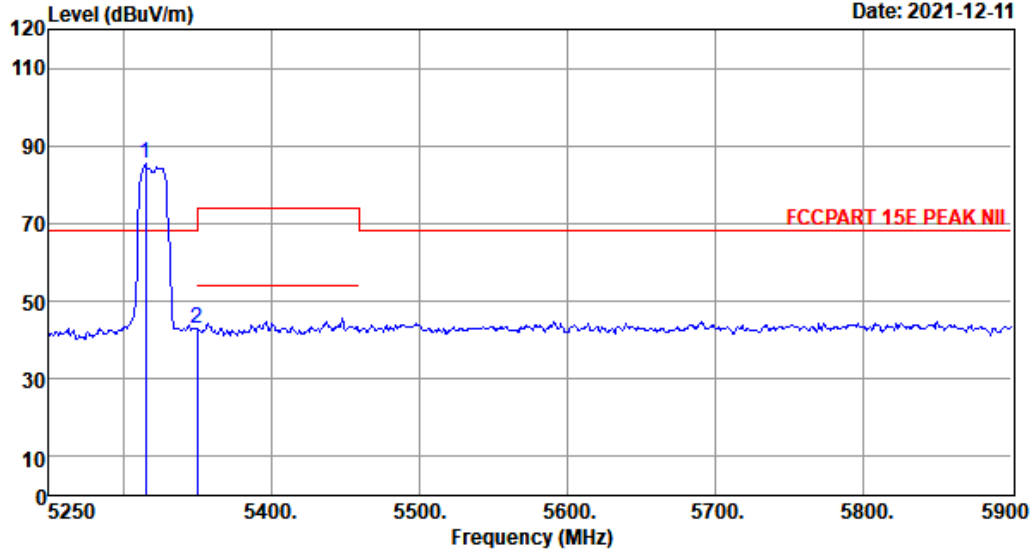
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Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 61
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5320MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5315.00	32.50	3.60	34.57	83.71	85.24	68.20	-17.04	Peak
2	5350.00	32.57	3.62	34.56	41.36	42.99	68.20	25.21	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

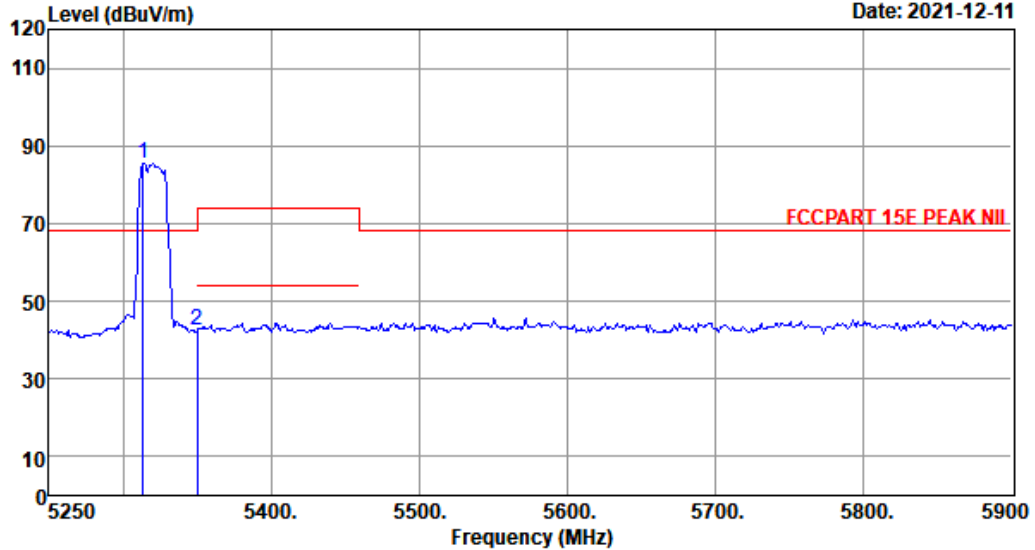
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File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 62
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5320MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5313.70	32.50	3.60	34.57	84.14	85.67	68.20	-17.47	Peak
2	5350.00	32.57	3.62	34.56	40.90	42.53	68.20	25.67	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

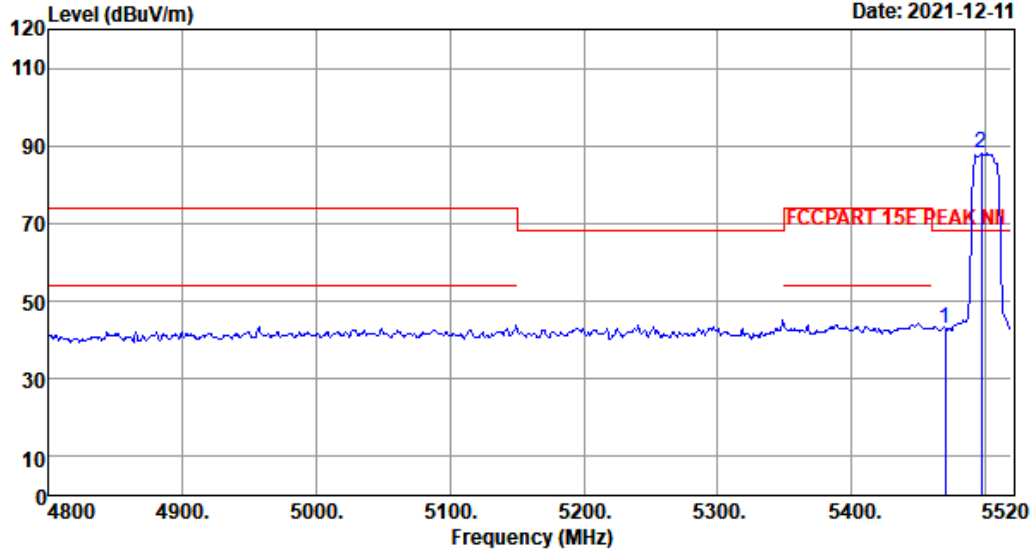
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Data: 63

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 63
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5500MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5470.00	32.83	3.69	34.51	40.82	42.83	68.20	25.37	Peak
2	5496.96	32.90	3.71	34.50	85.98	88.09	68.20	-19.89	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

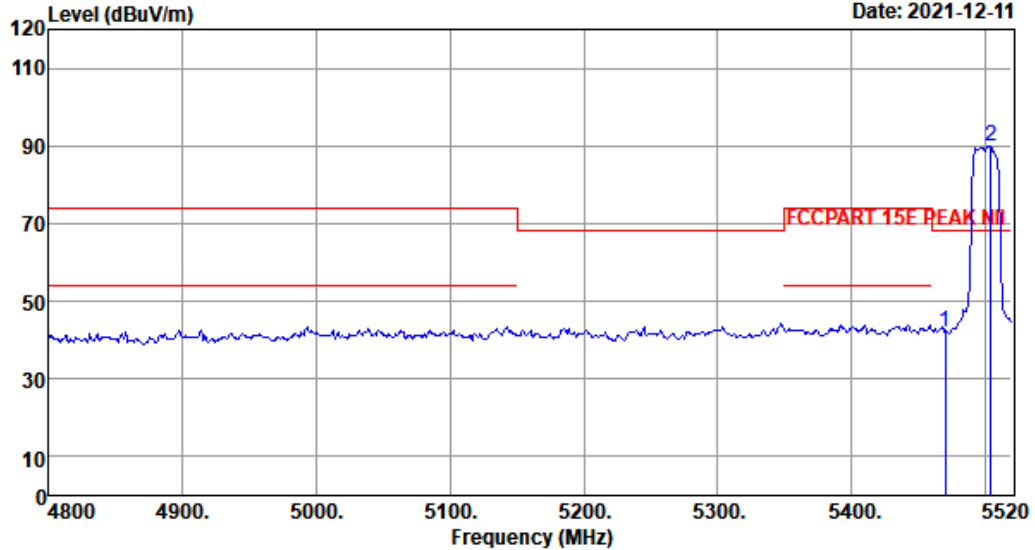
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Data: 64

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 64
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5500MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5470.00	32.83	3.69	34.51	40.20	42.21	68.20	25.99	Peak
2	5504.16	32.90	3.71	34.50	87.97	90.08	68.20	-21.88	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

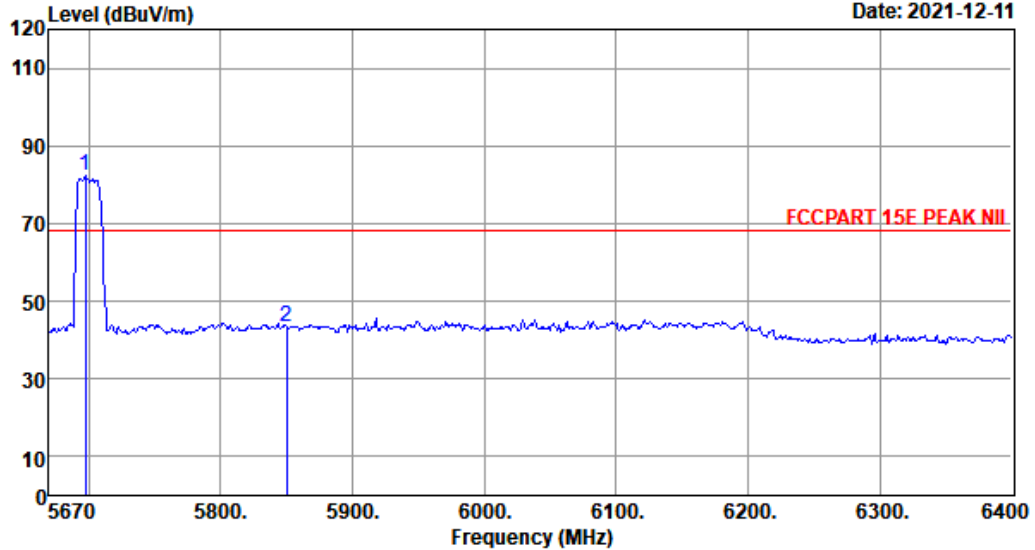
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Data: 65

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Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 65
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5700MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5697.74	32.86	3.94	34.42	79.84	82.22	68.20	-14.02	Peak
2	5850.00	32.83	4.13	34.36	40.66	43.26	68.20	24.94	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

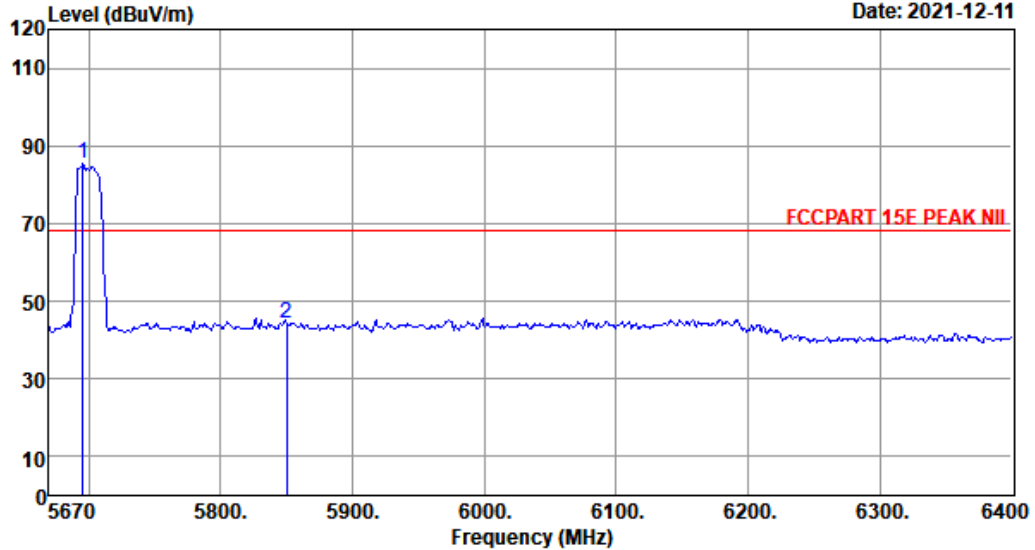
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Data: 66

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 66
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5700MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5695.55	32.86	3.94	34.42	83.03	85.41	68.20	-17.21	Peak
2	5850.00	32.83	4.13	34.36	41.65	44.25	68.20	23.95	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

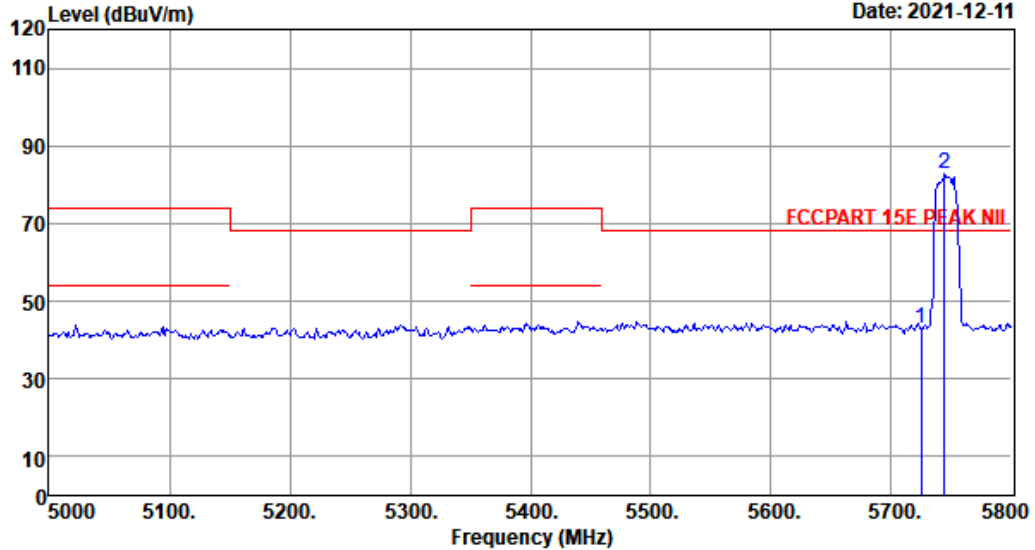
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Data: 67

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 67
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5745MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5725.00	32.86	3.98	34.41	40.58	43.01	68.20	25.19	Peak
2	5744.00	32.85	4.00	34.40	80.34	82.79	68.20	-14.59	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

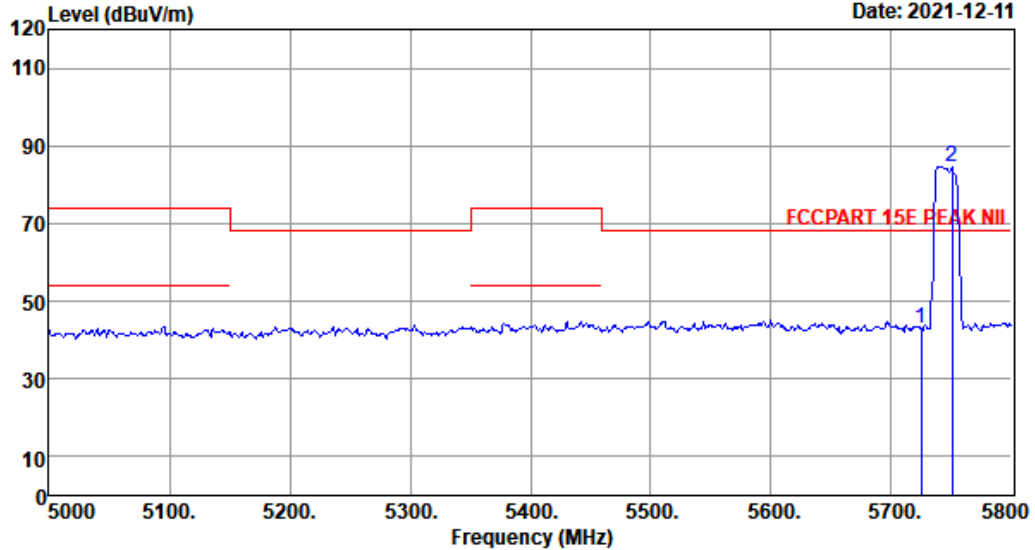
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Data: 68

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 68
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5745MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5725.00	32.86	3.98	34.41	40.49	42.92	68.20	25.28	Peak
2	5750.40	32.85	4.00	34.40	82.20	84.65	68.20	-16.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official
 limit are not reported.

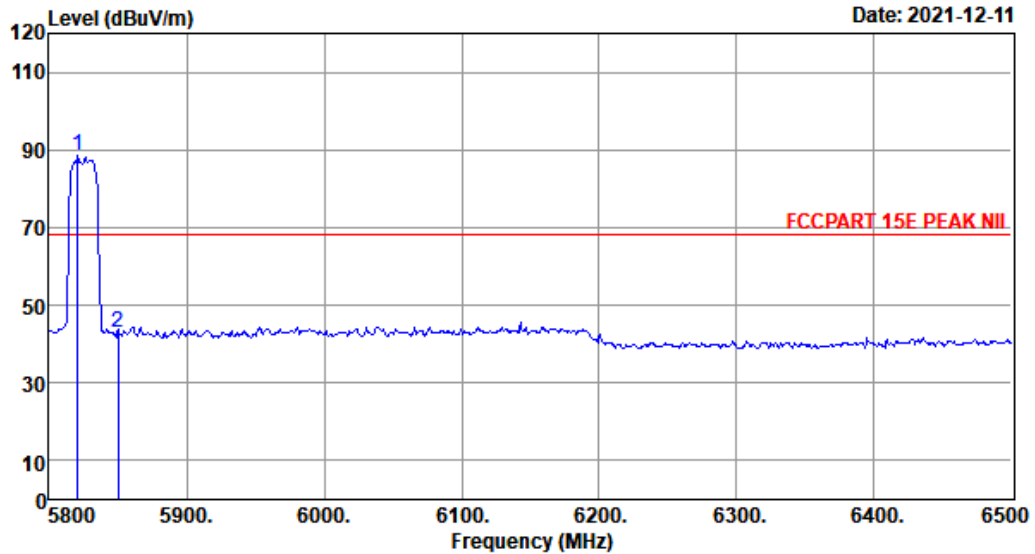
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Data: 69

File: \\EMC-966-1\\test data\\2021\\RFIC\\cvte\\SKI.WB822CU.2.EM6 (70)

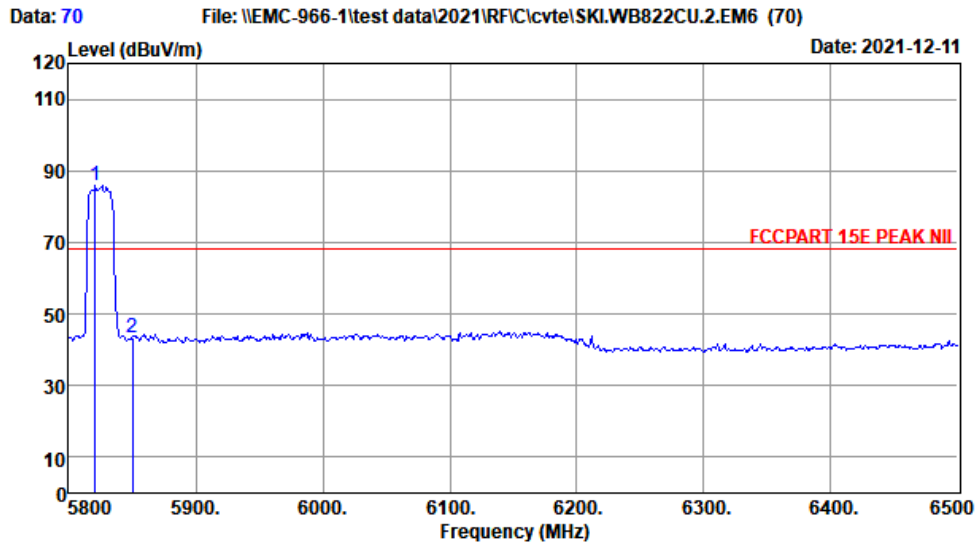
Date: 2021-12-11



Site no. : 1# 966 Chamber Data no. : 69
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5825MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5821.00	32.83	4.11	34.37	86.19	88.76	68.20	-20.56	Peak
2	5850.00	32.83	4.13	34.36	40.20	42.80	68.20	25.40	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 70
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCCPART 15E PEAK NII
 Env. / Ins. : Temp:20.7';Humi:50.3%;Press:101.52kPa
 Engineer : JBR
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V
 M/N : SKI.WB822CU.2
 Test Mode : IEEE 802.11n HT20 TX 5825MHz

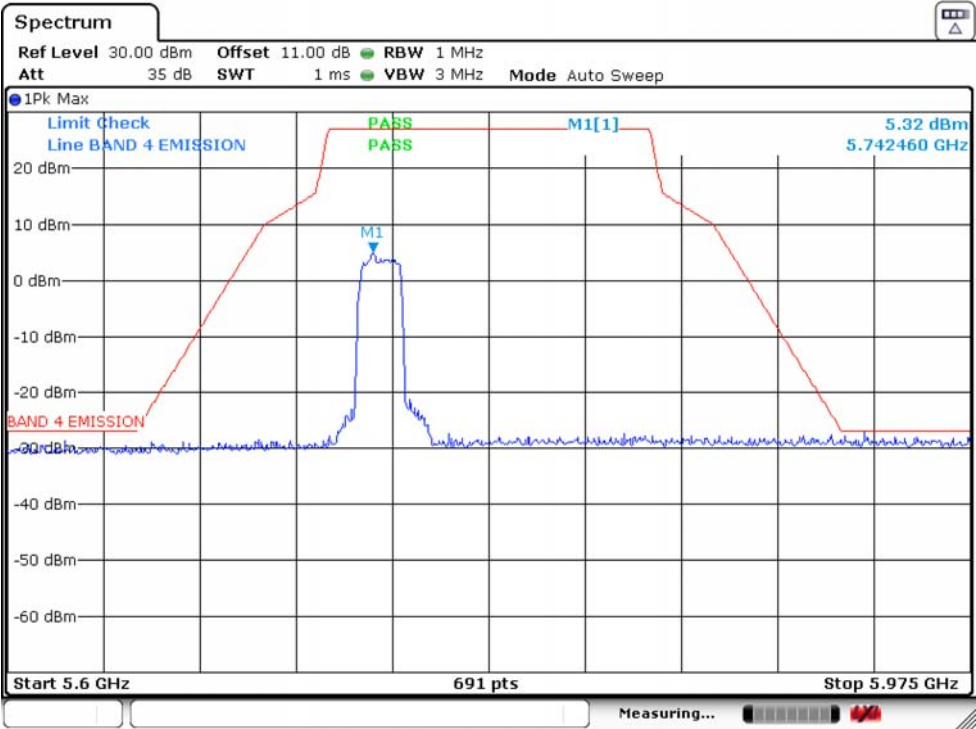
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5821.00	32.83	4.11	34.37	83.25	85.82	68.20	-17.62	Peak
2	5850.00	32.83	4.13	34.36	40.79	43.39	68.20	24.81	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

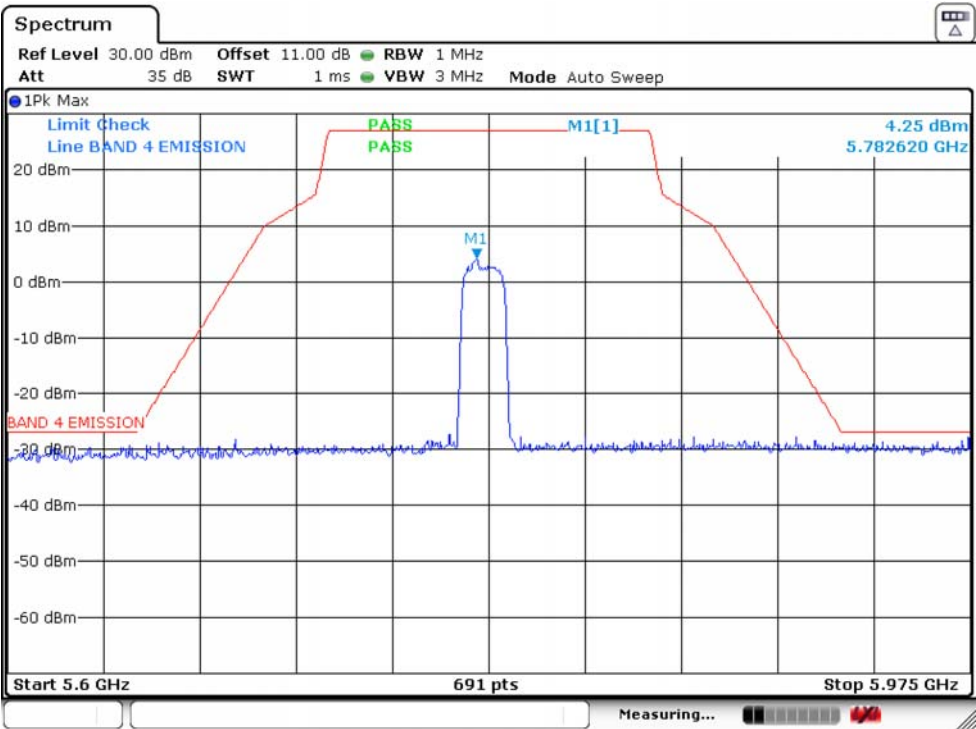
Note:

1. The amplitude of 18GHz to 40GHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.
2. All test mode had been pre-test, only Low/Middle/High Channel of the worst case modulation mode was reported

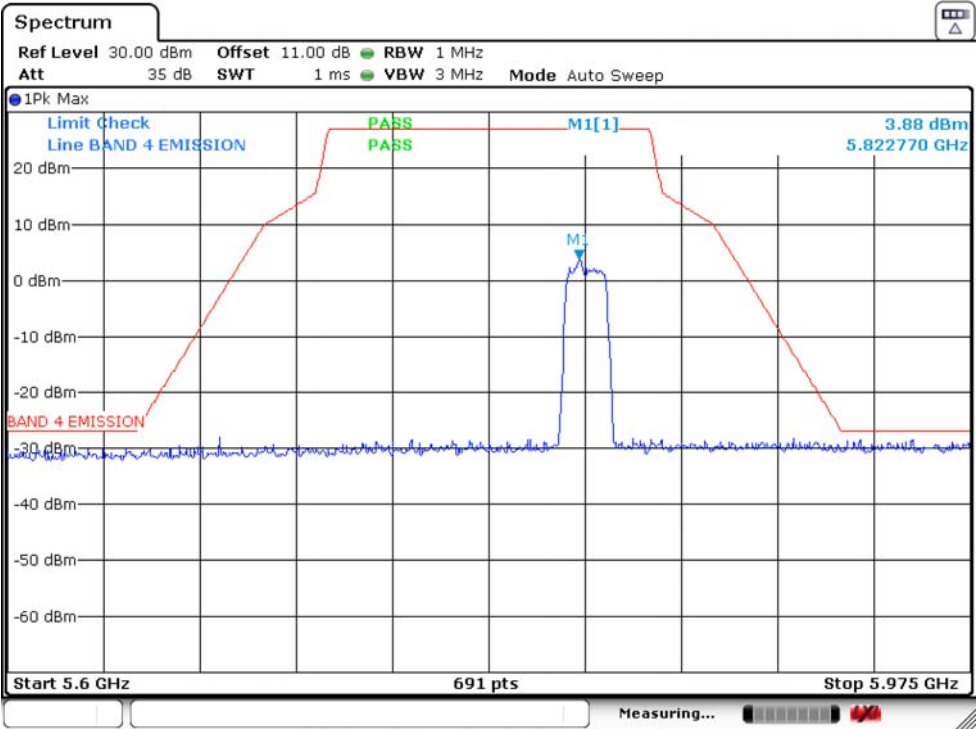
IEEE 802.11a 5745MHz



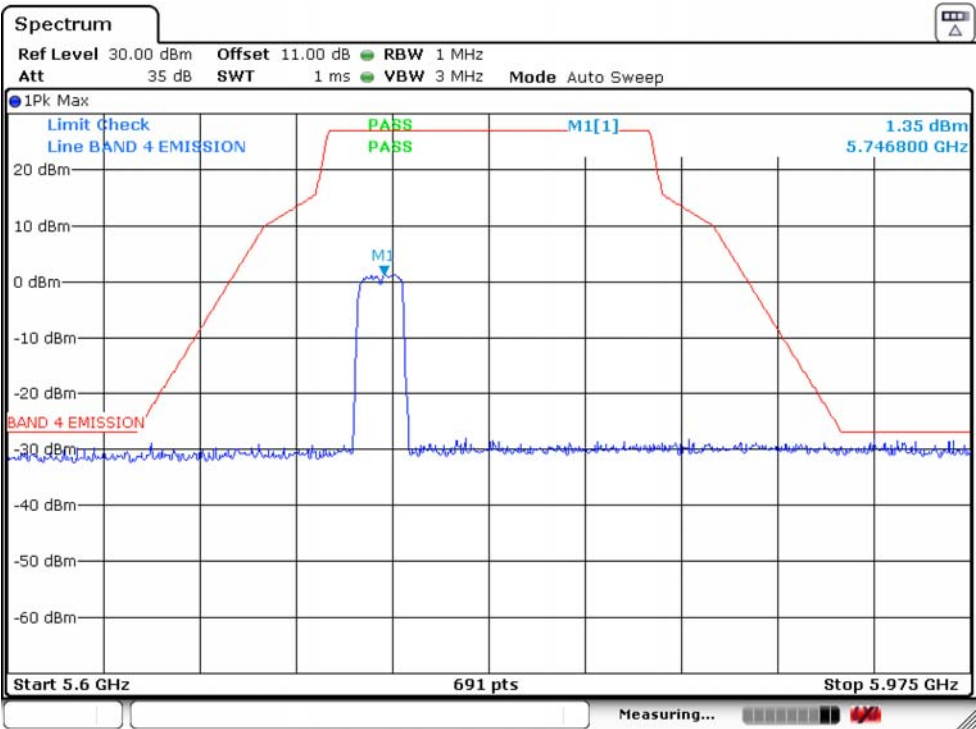
IEEE 802.11a 5785MHz



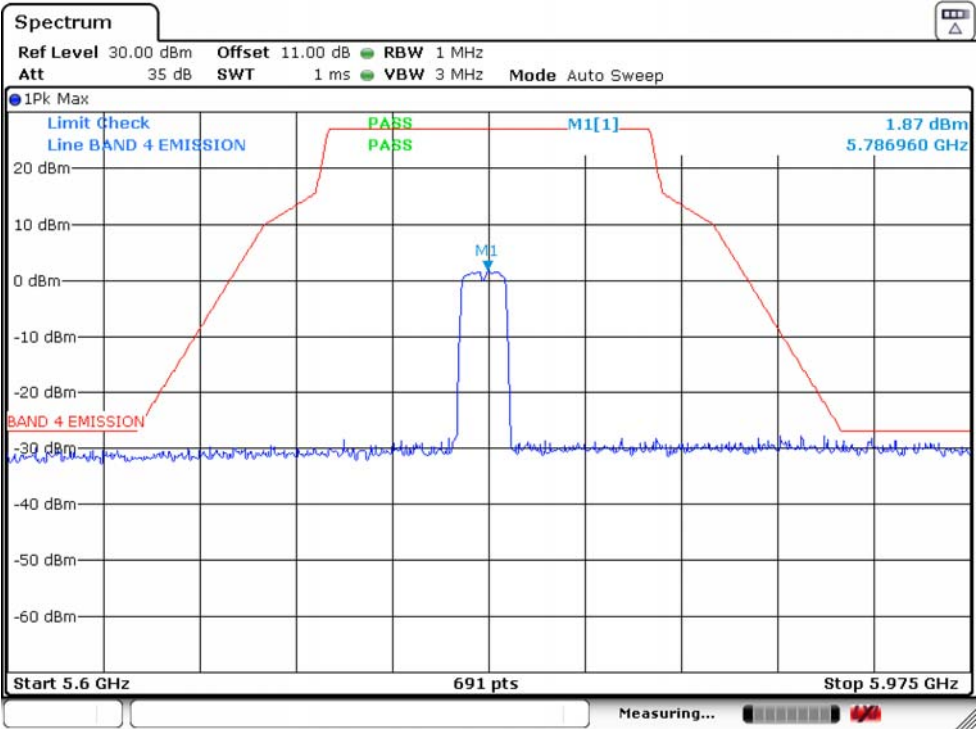
IEEE 802.11a 5825MHz



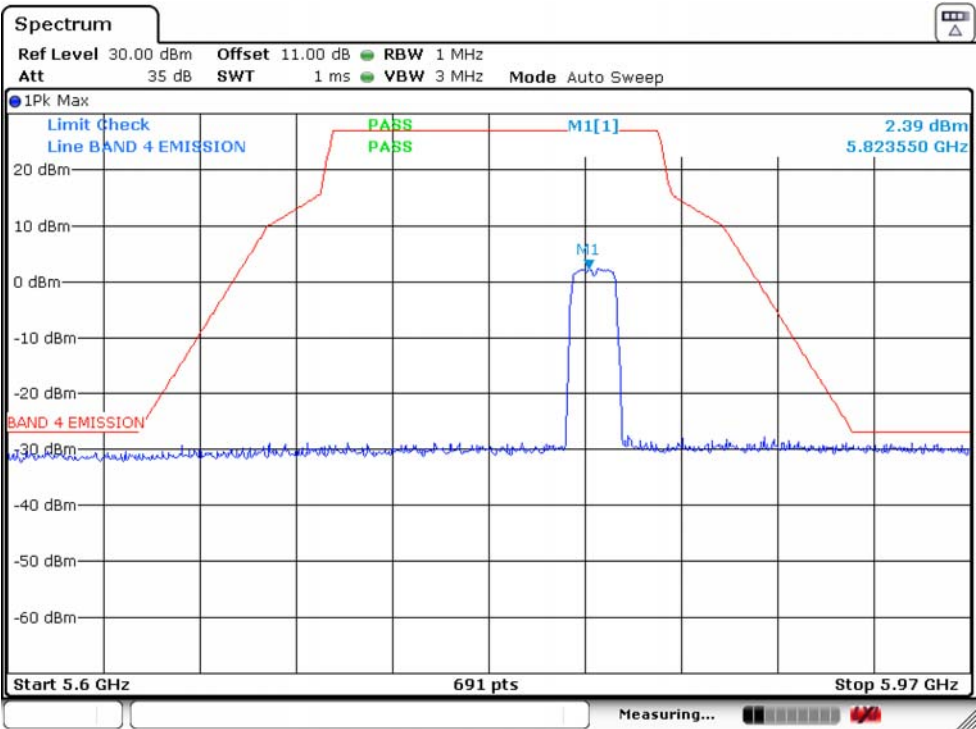
IEEE 802.11n HT20 5745MHz



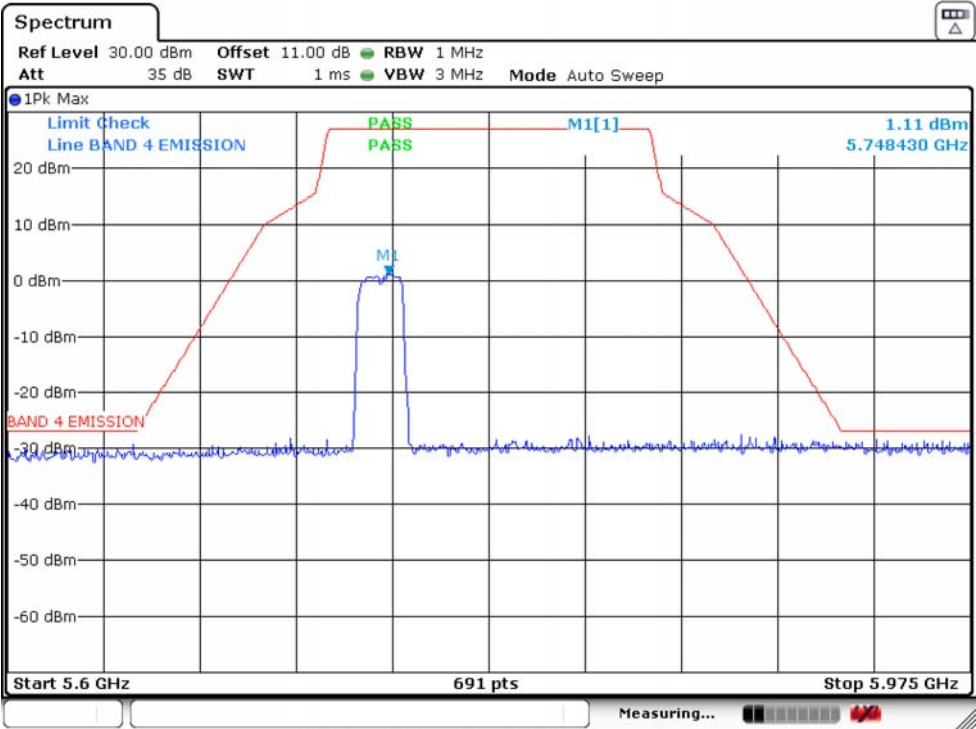
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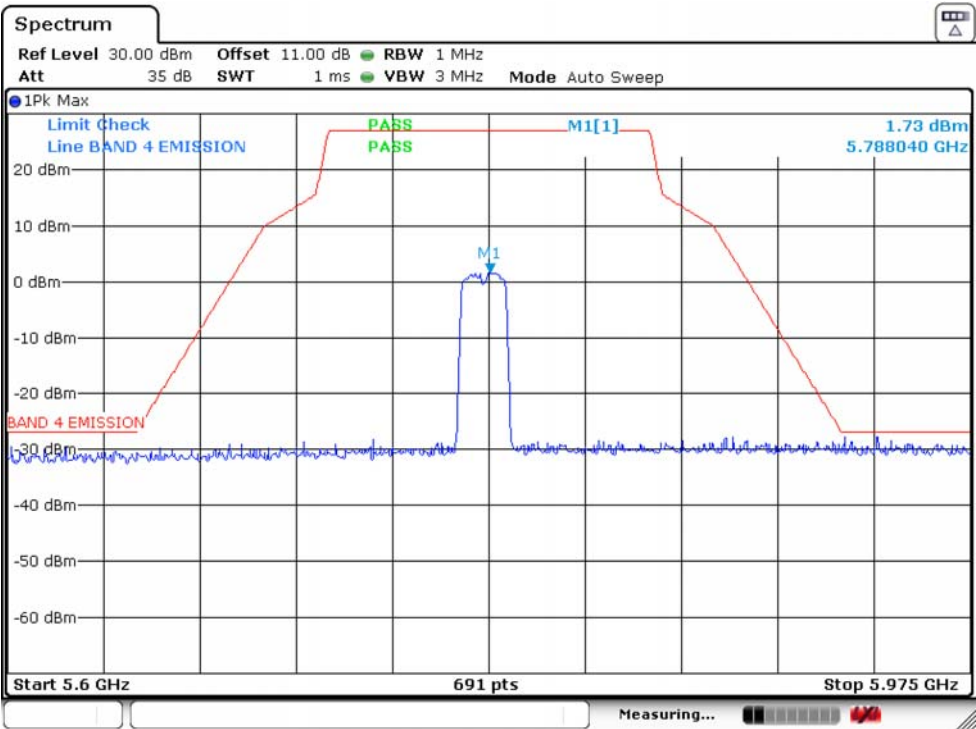
IEEE 802.11n HT20 5825MHz



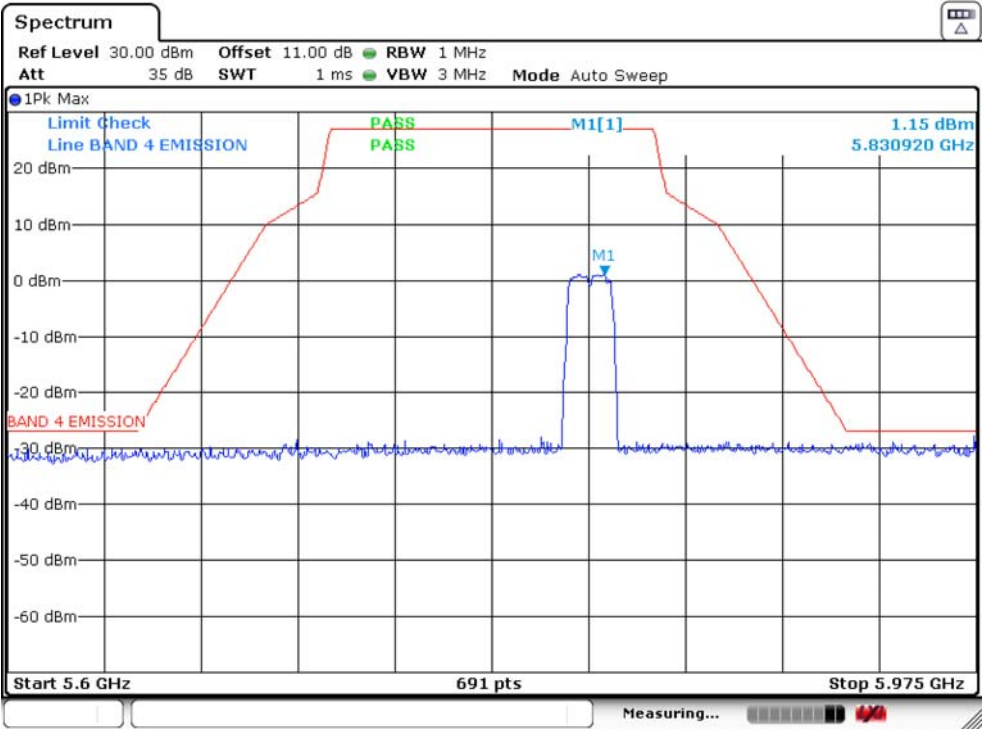
IEEE 802.11ac VHT20 5745MHz



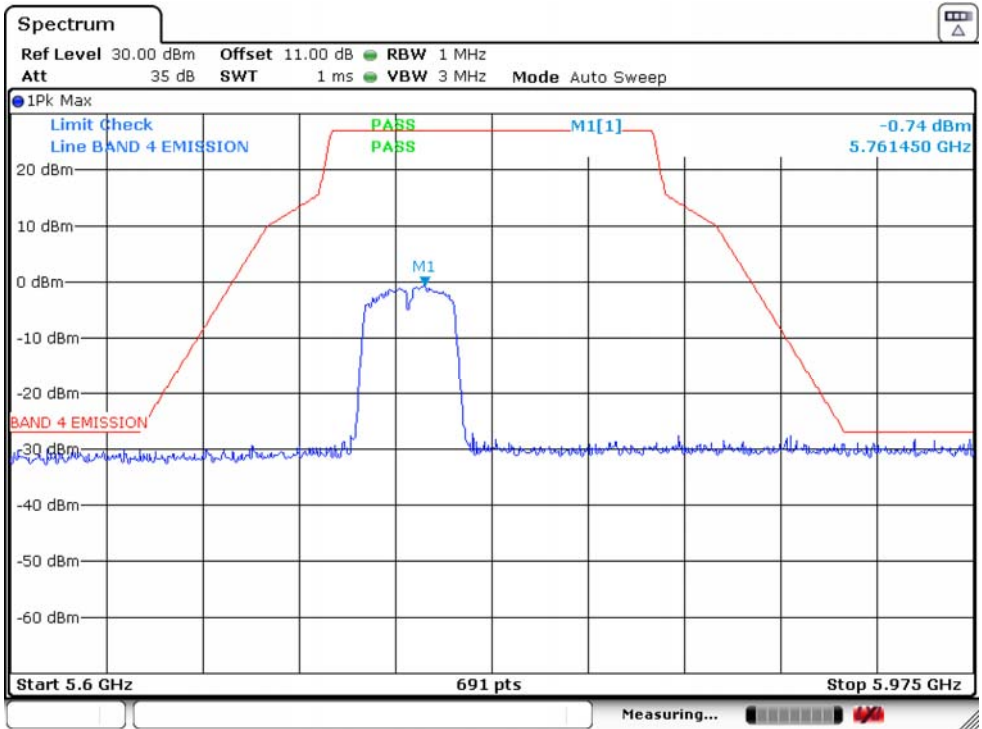
IEEE 802.11ac VHT20 5785MHz



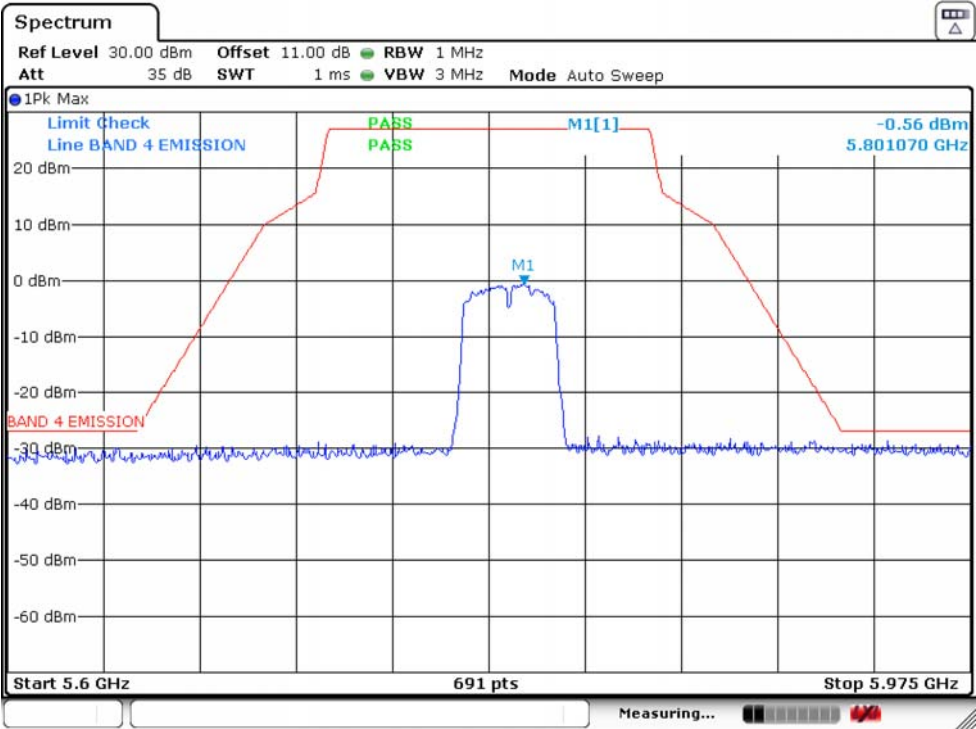
IEEE 802.11ac VHT20 5825MHz



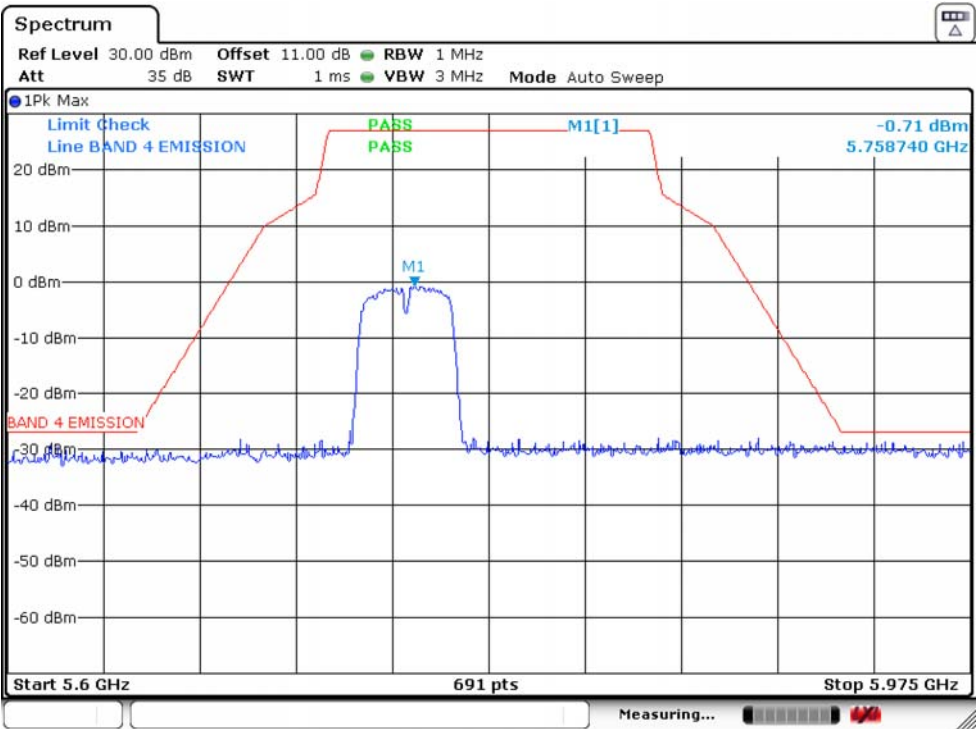
IEEE 802.11n HT40 5755MHz



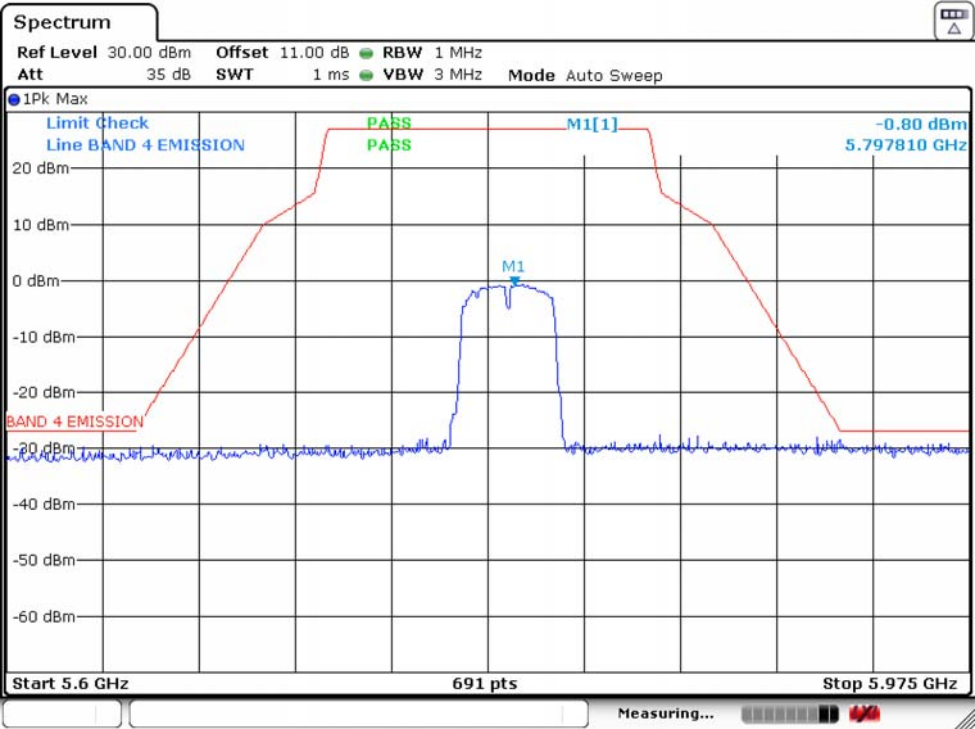
IEEE 802.11n HT40 5795MHz



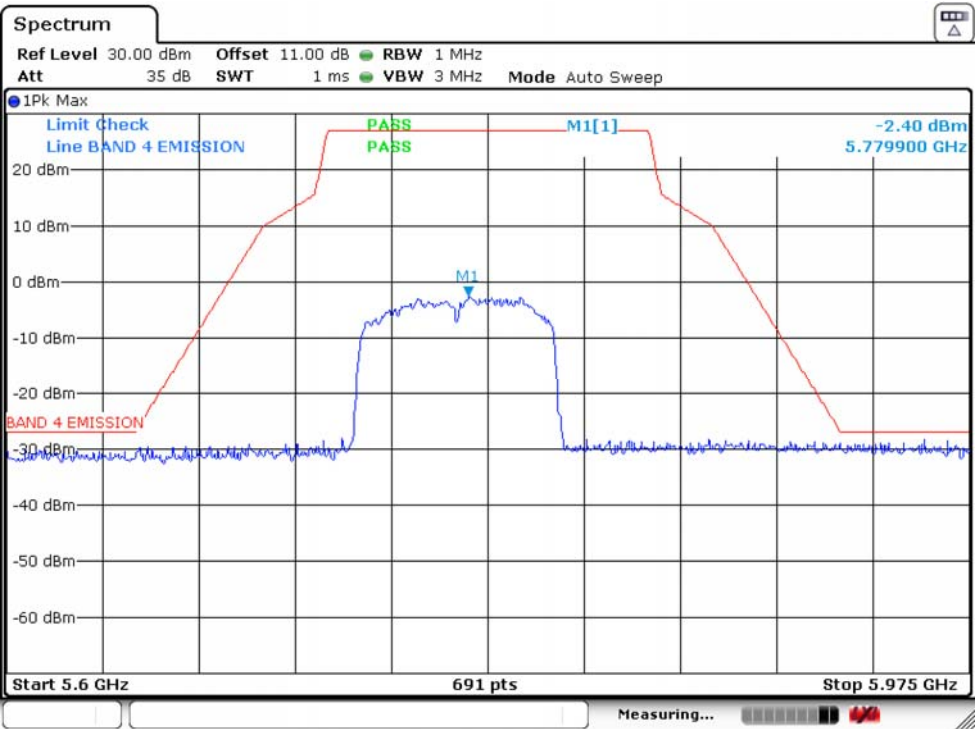
IEEE 802.11ac VHT40 5755MHz



IEEE 802.11ac VHT40 5795MHz



IEEE 802.11ac VHT80 5775MHz



All modulations are all tested ,only worse case is reported

18000MHz-40000MHz

Pass

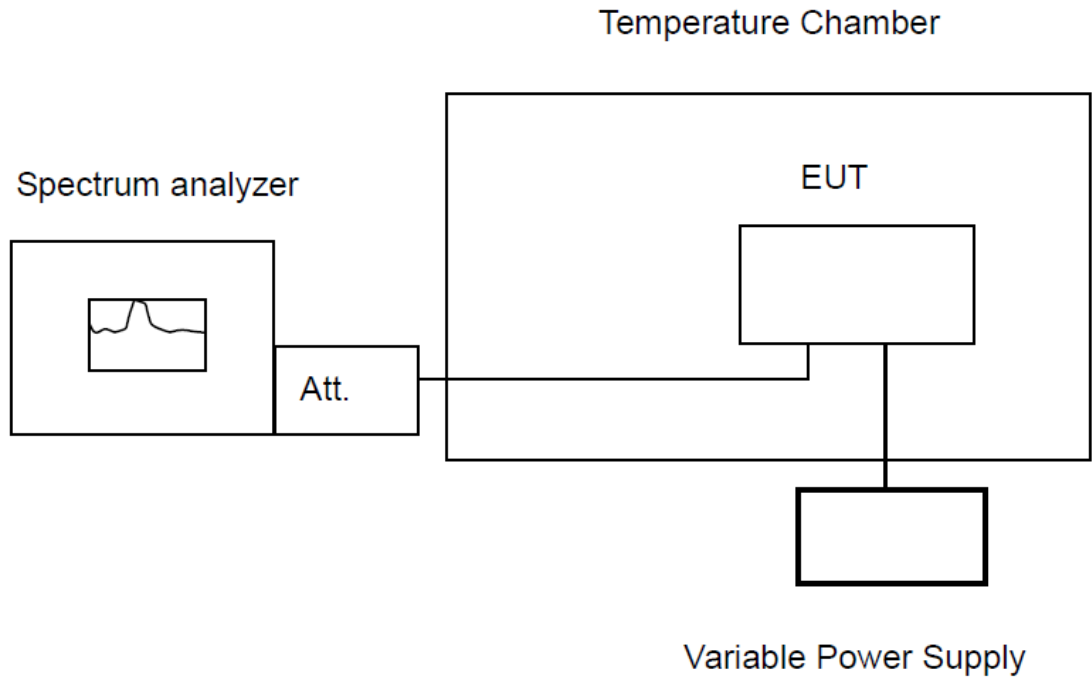
Note: The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

7. FREQUENCY STABILITY

7.1. Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

7.2. Test Setup



7.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	10KHz
VBW	10KHz
Span	200KHz
Sweep Time	Auto
Detector	PEAK
Trace Mode	Max Hold

7.4. Test Procedure

For measurement frequency stability under temperature variation :

- a. Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT.
- b. Turn the EUT OFF and place it inside the environmental temperature chamber.
- c. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- d. Spectrum analyzer setting parameters in accordance with section 7.3.
- e. Set the temperature control on the chamber to the Specified temperature and allow the oscillator heater and the chamber temperature to stabilize.
- f. Turn the EUT ON with the rated voltage, and the EUT transmit continuously with maximum output power.
- g. Record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized.
- h. Repeat step d through step f to measured the temperature form -20°C to $+50^{\circ}\text{C}$ in 10°C steps.

For frequency stability under voltage variation:

- a. Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT.
- b. Turn the EUT OFF and place it inside the environmental temperature chamber.
- c. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- d. Spectrum analyzer setting parameters in accordance with section 7.3.
- e. Unless otherwise specified, set the temperature control on the chamber to the ambient room temperature ($+15^{\circ}\text{C}$ to $+25^{\circ}\text{C}$) and allow the oscillator heater and the chamber temperature to stabilize.
- f. Turn the EUT ON with the rated voltage, and the EUT transmit continuously with maximum output power.
- g. Record the operating frequency.
- h. Repeat step d through step f to measured the varied from 85% to 115% of the rated voltage.

7.5. Test Result

Frequency (MHz)	Voltage (V)	Temperature (°C)	Time (minutes)	Measurement Value (MHz)	Frequency Error (ppm)
5180	3.3	50	0	5180.0289970	5.60
			2	5180.0539950	10.42
			5	5180.0739930	14.28
			10	5180.0829920	16.02
	3.3	40	0	5180.0392770	7.58
			2	5180.0662270	12.79
			5	5180.0310960	6.00
			10	5180.0812960	15.69
	3.3	30	0	5180.0808250	15.60
			2	5180.0668910	12.91
			5	5180.0423550	8.18
			10	5180.0827810	15.98
	3.3	20	0	5180.0566950	10.94
			2	5180.0339640	6.56
			5	5180.0677710	13.08
			10	5180.0322500	6.23
	3.3	10	0	5180.0487040	9.40
			2	5180.0380220	7.34
			5	5180.0513160	9.91
			10	5180.0617620	11.92
	3.3	0	0	5180.0798240	15.41
			2	5180.0694250	13.40
			5	5180.0878960	16.97
			10	5180.0419500	8.10
	3.3	-10	0	5180.0814210	15.72
			2	5180.0715680	13.82
			5	5180.0389300	7.52
			10	5180.0877770	16.95
	3.3	-20	0	5180.0377510	7.29
			2	5180.0755450	14.58
			5	5180.0854260	16.49
			10	5180.0571010	11.02
	3.3	20	/	5180.0399380	7.71
	2.805	20	/	5180.0353210	6.82
	3.795	20	/	5180.0506520	9.78
	MAX Frquency Error(ppm)				16.97

Frequency (MHz)	Voltage (V)	Temperature (°C)	Time (minutes)	Measurement Value (MHz)	Frequency Error (ppm)
5260	3.3	50	0	5260.0765220	14.55
			2	5260.0735220	13.98
			5	5260.0849920	16.16
			10	5260.0895210	17.02
	3.3	40	0	5260.0707650	13.45
			2	5260.0714560	13.58
			5	5260.0817190	15.54
			10	5260.0775500	14.74
	3.3	30	0	5260.0744610	14.16
			2	5260.0825640	15.70
			5	5260.0765040	14.54
			10	5260.0732460	13.93
	3.3	20	0	5260.0778860	14.81
			2	5260.0723460	13.75
			5	5260.0874690	16.63
			10	5260.0850460	16.17
	3.3	10	0	5260.0733320	13.94
			2	5260.0821470	15.62
			5	5260.0846970	16.10
			10	5260.0842780	16.02
	3.3	0	0	5260.0771130	14.66
			2	5260.0882820	16.78
			5	5260.0831030	15.80
			10	5260.0893080	16.98
	3.3	-10	0	5260.0840700	15.98
			2	5260.0796550	15.14
			5	5260.0762570	14.50
			10	5260.0891260	16.94
	3.3	-20	0	5260.0755980	14.37
			2	5260.0896190	17.04
			5	5260.0852420	16.21
			10	5260.0874060	16.62
	3.3	20	/	5260.0806590	15.33
	2.805	20	/	5260.0867610	16.49
	3.795	20	/	5260.0888960	16.90
	MAX Frquency Error(ppm)				17.04

Frequency (MHz)	Voltage (V)	Temperature (°C)	Time (minutes)	Measurement Value (MHz)	Frequency Error (ppm)
5500	3.3	50	0	5500.0895210	16.28
			2	5500.0959910	17.45
			5	5500.0995200	18.09
			10	5500.1035190	18.82
	3.3	40	0	5500.1007170	18.31
			2	5500.0995460	18.10
			5	5500.1023660	18.61
			10	5500.0983730	17.89
	3.3	30	0	5500.0934160	16.98
			2	5500.1033620	18.79
			5	5500.0925630	16.83
			10	5500.0956730	17.40
	3.3	20	0	5500.0943030	17.15
			2	5500.0949520	17.26
			5	5500.0918460	16.70
			10	5500.0922900	16.78
	3.3	10	0	5500.0974320	17.71
			2	5500.0912800	16.60
			5	5500.1001800	18.21
			10	5500.0949590	17.27
	3.3	0	0	5500.0901760	16.40
			2	5500.0948420	17.24
			5	5500.0983020	17.87
			10	5500.0928390	16.88
	3.3	-10	0	5500.0976070	17.75
			2	5500.0986990	17.95
			5	5500.0945240	17.19
			10	5500.0935510	17.01
	3.3	-20	0	5500.0988180	17.97
			2	5500.1002380	18.23
			5	5500.0929660	16.90
			10	5500.0929070	16.89
	3.3	20	/	5500.0968190	17.60
	2.805	20	/	5500.0969400	17.63
	3.795	20	/	5500.0923980	16.80
	MAX Frquency Error(ppm)				18.82

Frequency (MHz)	Voltage (V)	Temperature (°C)	Time (minutes)	Measurement Value (MHz)	Frequency Error (ppm)
5745	3.3	50	0	5745.0765220	13.32
			2	5745.0809920	14.10
			5	5745.0855210	14.89
			10	5745.0849920	14.79
	3.3	40	0	5745.0812970	14.15
			2	5745.0877040	15.27
			5	5745.0793950	13.82
			10	5745.0823770	14.34
	3.3	30	0	5745.0892980	15.54
			2	5745.0788980	13.73
			5	5745.0816710	14.22
			10	5745.0739220	12.87
	3.3	20	0	5745.0766490	13.34
			2	5745.0780530	13.59
			5	5745.0758840	13.21
			10	5745.0860890	14.99
	3.3	10	0	5745.0777100	13.53
			2	5745.0741360	12.90
			5	5745.0851840	14.83
			10	5745.0820460	14.28
	3.3	0	0	5745.0852110	14.83
			2	5745.0807970	14.06
			5	5745.0851350	14.82
			10	5745.0736660	12.82
	3.3	-10	0	5745.0780380	13.58
			2	5745.0775260	13.49
			5	5745.0851890	14.83
			10	5745.0734270	12.78
	3.3	-20	0	5745.0710690	12.37
			2	5745.0734120	12.78
			5	5745.0708730	12.34
			10	5745.0732300	12.75
	3.3	20	/	5745.0866070	15.08
	2.805	20	/	5745.0730920	12.72
	3.795	20	/	5745.0794310	13.83
	MAX Frquency Error(ppm)				15.54

8. AC POWER LINE CONDUCTED EMISSIONS

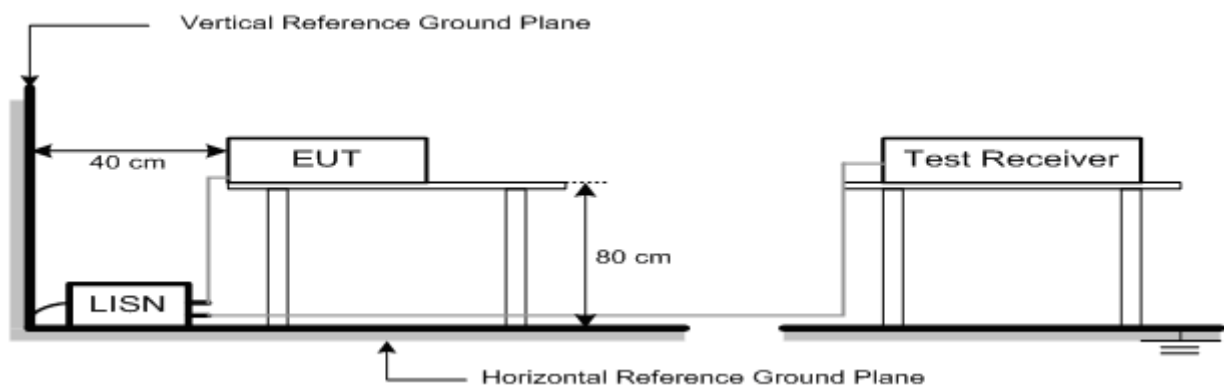
8.1. Limit

Frequency			Maximum RF Line Voltage	
			Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
150kHz	~	500kHz	66 ~ 56*	56 ~ 46*
500kHz	~	5MHz	56	46
5MHz	~	30MHz	60	50

Notes:

1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

8.2. Test Setup



8.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	9KHz
VBW	9KHz
Start frequency	150KHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP/AVG
Trace Mode	Max Hold

8.4. Test Procedure

- a. The EUT was placed on a non-metallic table, 80cm above the ground plane.
- b. The EUT Power connected to the power mains through a line impedance stabilization network.
- c. Provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs).
- d. Set the EUT transmit continuously with maximum output power.
- e. Spectrum analyzer setting parameters in accordance with section 8.3.
- f. The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10: 2013 on Conducted Emission Test.
- g. Record the results in the test report.

8.5. Test Result

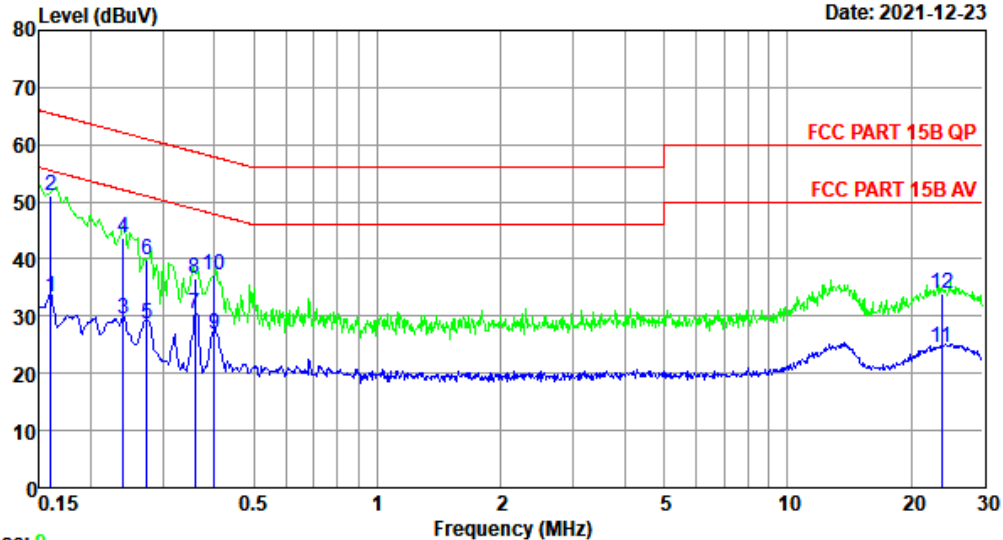
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Data: 10

File: \\EMC-ce-2\Test Data\2021\RF\C\CVTE\SKI.WB822CU.2.EM6 (48)

Date: 2021-12-23



Trace: 9

Site no. : 2#CE Shield Room Data no. : 10
 Env. / Ins. : Temp:22.8°C Humi:58% Press:101.30kPa. : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : ZSX
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V From PC Input AC 240V/60Hz
 M/N : SKI.WB822CU.2
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16	9.78	9.69	14.00	33.47	55.47	22.00	Average
2	0.16	9.78	9.69	31.71	51.18	65.47	14.29	QP
3	0.24	9.84	9.92	9.69	29.45	52.08	22.63	Average
4	0.24	9.84	9.92	23.88	43.64	62.08	18.44	QP
5	0.27	9.84	9.92	8.88	28.64	50.98	22.34	Average
6	0.27	9.84	9.92	20.06	39.82	60.98	21.16	QP
7	0.36	9.74	9.92	10.66	30.32	48.74	18.42	Average
8	0.36	9.74	9.92	17.03	36.69	58.74	22.05	QP
9	0.40	9.72	9.92	7.35	26.99	47.86	20.87	Average
10	0.40	9.72	9.92	17.66	37.30	57.86	20.56	QP
11	23.76	10.20	10.17	4.11	24.48	50.00	25.52	Average
12	23.76	10.20	10.17	13.46	33.83	60.00	26.17	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

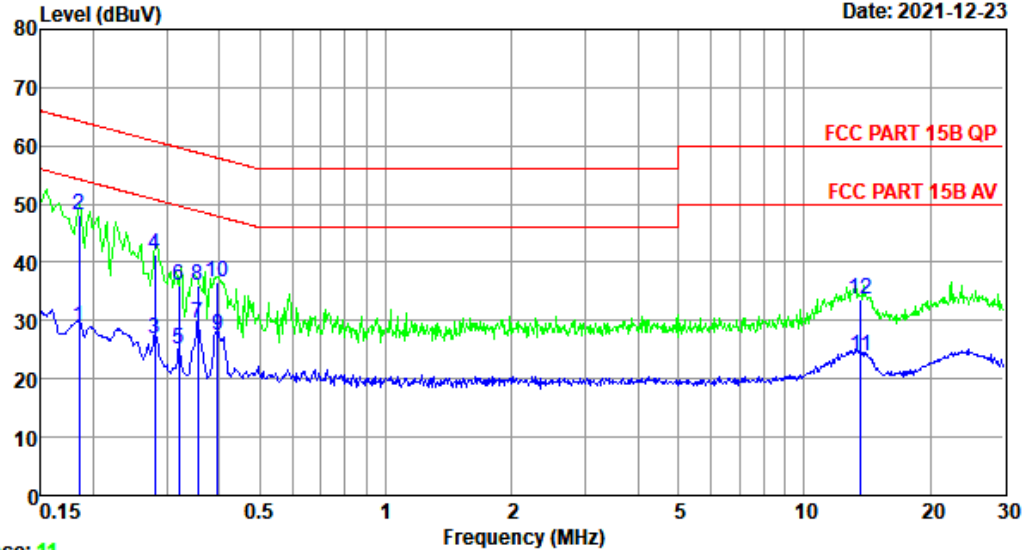
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Data: 12

File: \\EMC-ce-2\Test Data\2021\RFIC\CVTE\SKI.WB822CU.2.EM6 (48)

Date: 2021-12-23



Trace: 11

Site no. : 2#CE Shield Room Data no. : 12
 Env. / Ins. : Temp:22.8°C Humi:58% Press:101.30kPa. : LINE
 Limit : FCC PART 15B QP
 Engineer : ZSX
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V From PC Input AC 240V/60Hz
 M/N : SKI.WB822CU.2
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.84	9.77	9.45	29.06	54.24	25.18	Average
2	0.19	9.84	9.77	28.53	48.14	64.24	16.10	QP
3	0.28	9.77	9.92	7.22	26.91	50.81	23.90	Average
4	0.28	9.77	9.92	21.56	41.25	60.81	19.56	QP
5	0.32	9.81	9.92	5.30	25.03	49.71	24.68	Average
6	0.32	9.81	9.92	16.35	36.08	59.71	23.63	QP
7	0.36	9.81	9.92	9.80	29.53	48.83	19.30	Average
8	0.36	9.81	9.92	16.34	36.07	58.83	22.76	QP
9	0.40	9.85	9.92	7.67	27.44	47.95	20.51	Average
10	0.40	9.85	9.92	16.69	36.46	57.95	21.49	QP
11	13.62	9.85	10.11	4.05	24.01	50.00	25.99	Average
12	13.62	9.85	10.11	13.66	33.62	60.00	26.38	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

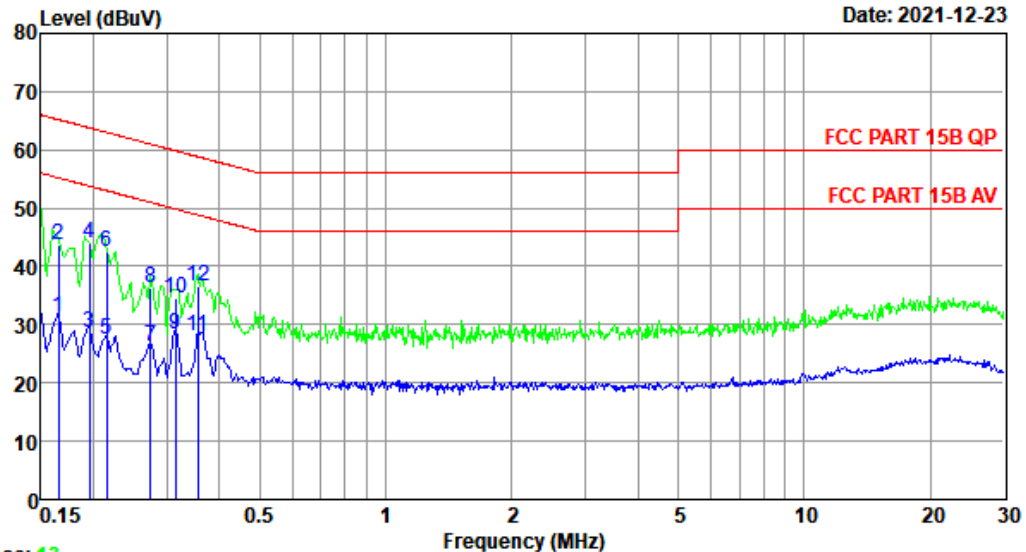
EST Technology

Chilingxiang, Qishantou, Santun,
Houjie, Dongguan, Guangdong, China
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Fax: +86-769-83081878

Data: 14

File: \\EMC-ce-2\Test Data\2021\RFIC\CVTE\SKI.WB822CU.2.EM6 (48)

Date: 2021-12-23



Trace: 13

Site no. : 2#CE Shield Room Data no. : 14
 Env. / Ins. : Temp:22.8°C Humi:58% Press:101.30kPa. : LINE
 Limit : FCC PART 15B QP
 Engineer : ZSX
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V From PC Input AC 120V/60Hz
 M/N : SKI.WB822CU.2
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.17	9.82	9.69	11.73	31.24	55.21	23.97	Average
2	0.17	9.82	9.69	24.31	43.82	65.21	21.39	QP
3	0.20	9.84	9.77	9.10	28.71	53.80	25.09	Average
4	0.20	9.84	9.77	24.24	43.85	63.80	19.95	QP
5	0.22	9.78	9.84	7.72	27.34	53.01	25.67	Average
6	0.22	9.78	9.84	22.75	42.37	63.01	20.64	QP
7	0.27	9.77	9.92	6.45	26.14	50.98	24.84	Average
8	0.27	9.77	9.92	16.50	36.19	60.98	24.79	QP
9	0.31	9.81	9.92	8.58	28.31	49.84	21.53	Average
10	0.31	9.81	9.92	14.83	34.56	59.84	25.28	QP
11	0.36	9.81	9.92	8.39	28.12	48.83	20.71	Average
12	0.36	9.81	9.92	16.93	36.66	58.83	22.17	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

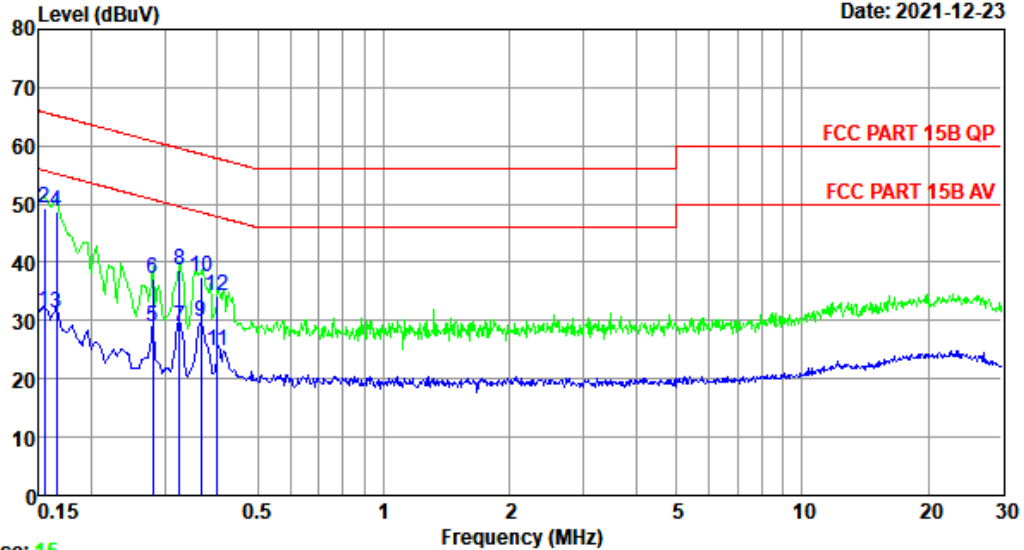
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Data: 16

File: \\EMC-ce-2\Test Data\2021\RFIC\CVTE\SKI.WB822CU.2.EM6 (48)

Date: 2021-12-23



Trace: 15

Site no. : 2#CE Shield Room Data no. : 16
 Env. / Ins. : Temp:22.8°C Humi:58% Press:101.30kPa. : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : ZSX
 EUT : IEEE802.11a/b/g/n/ac 2T2R USB Wi-Fi
 Module Integrated Bluetooth 2.1/3.0/4.2/
 5.0
 Power : DC 3.3V From PC Input AC 120V/60Hz
 M/N : SKI.WB822CU.2
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.78	9.69	12.17	31.64	55.74	24.10	Average
2	0.15	9.78	9.69	29.69	49.16	65.74	16.58	QP
3	0.17	9.78	9.69	11.94	31.41	55.21	23.80	Average
4	0.17	9.78	9.69	29.37	48.84	65.21	16.37	QP
5	0.28	9.84	9.92	9.09	28.85	50.81	21.96	Average
6	0.28	9.84	9.92	17.40	37.16	60.81	23.65	QP
7	0.33	9.76	9.92	9.39	29.07	49.57	20.50	Average
8	0.33	9.76	9.92	18.91	38.59	59.57	20.98	QP
9	0.37	9.74	9.92	10.08	29.74	48.61	18.87	Average
10	0.37	9.74	9.92	17.77	37.43	58.61	21.18	QP
11	0.40	9.72	9.92	5.15	24.79	47.86	23.07	Average
12	0.40	9.72	9.92	14.54	34.18	57.86	23.68	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

9. ANTENNA REQUIREMENTS

9.1. Limit

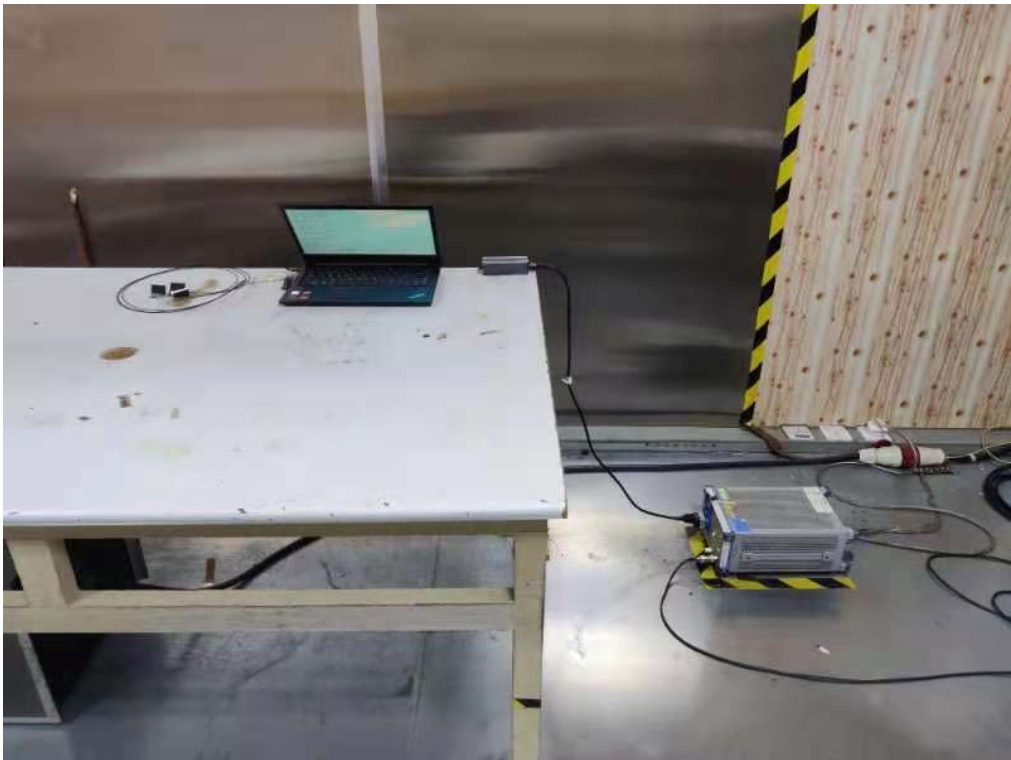
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

9.2. Test Result

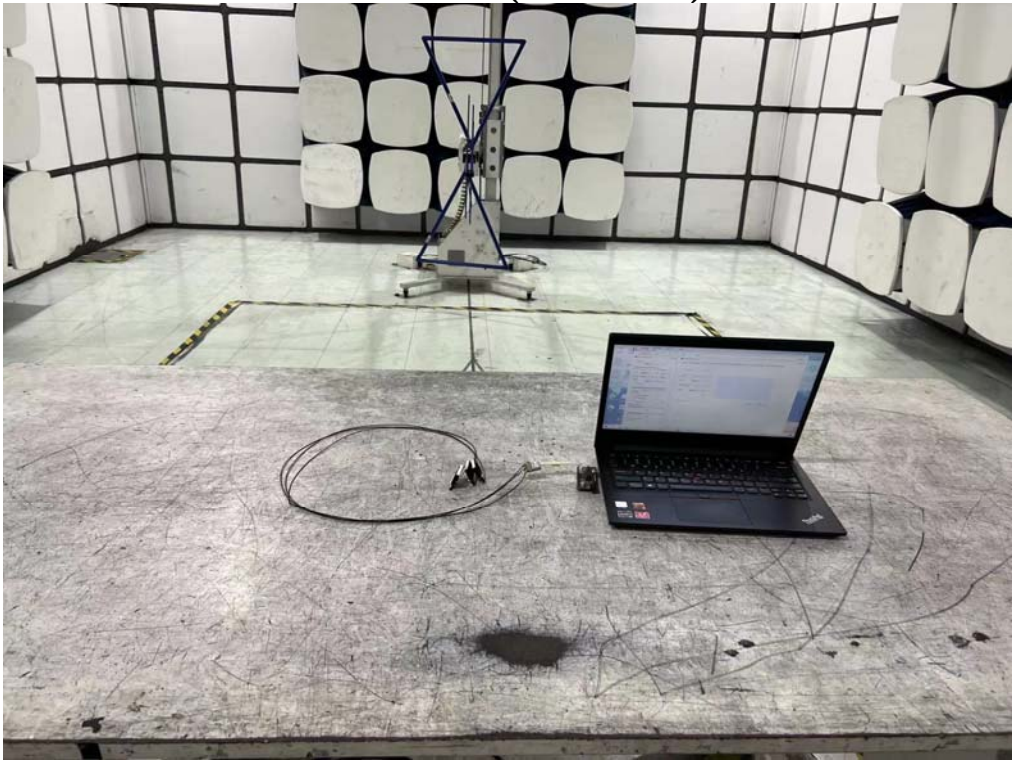
The antennas used for this product is External antenna ,so compliance with antenna requirements.
(Please refer to the EUT photo for details)

10. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)

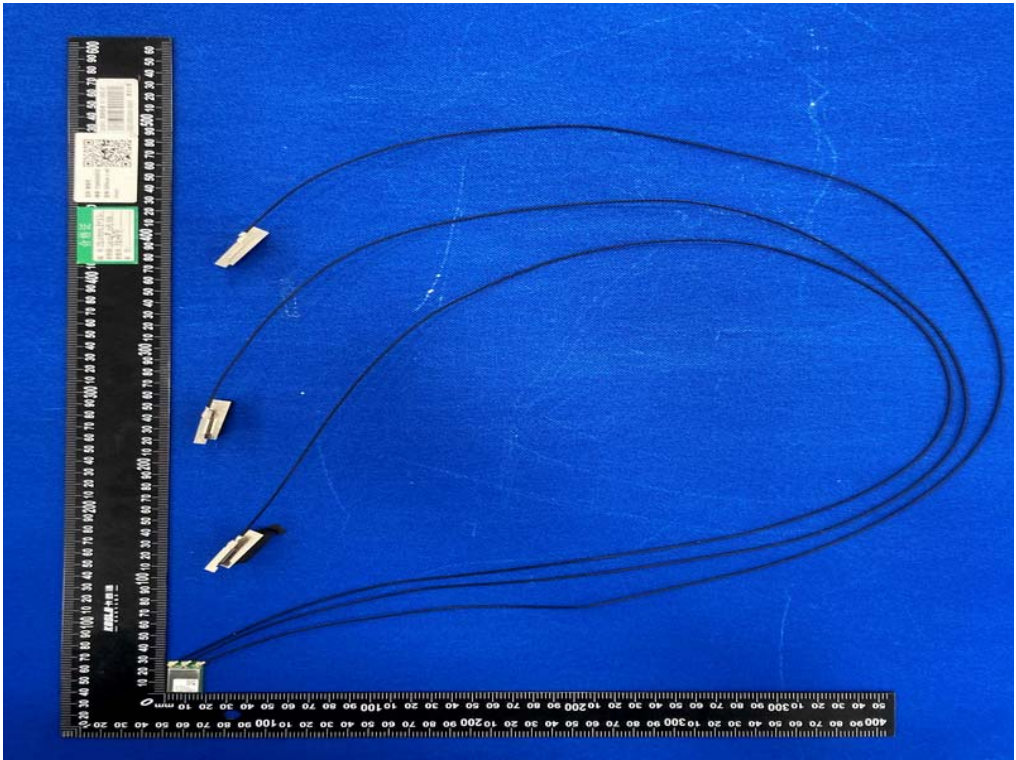
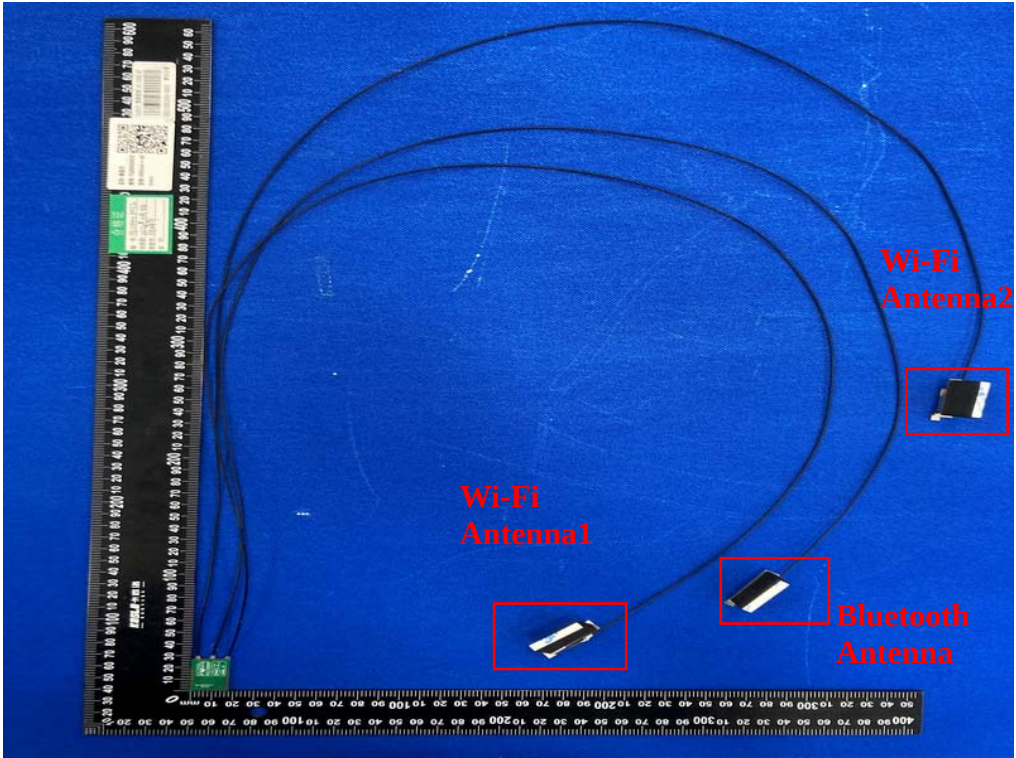


Radiated Test (Above 1GHz)



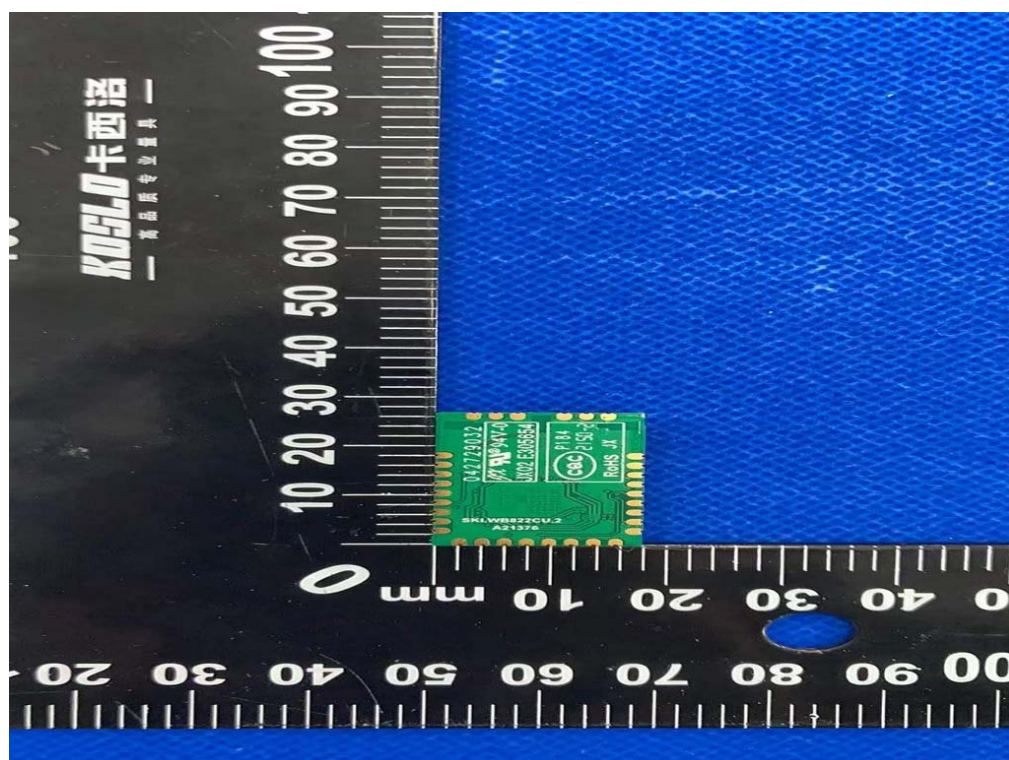
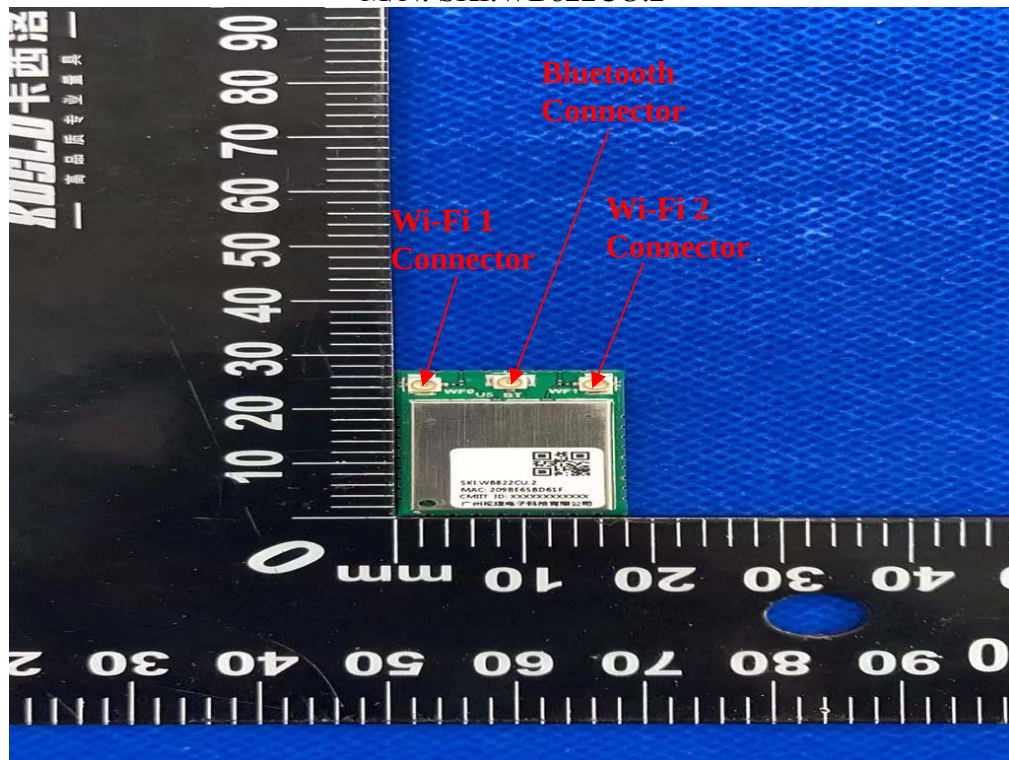
11. EUT PHOTO

External Photos
M/N: SKI.WB822CU.2

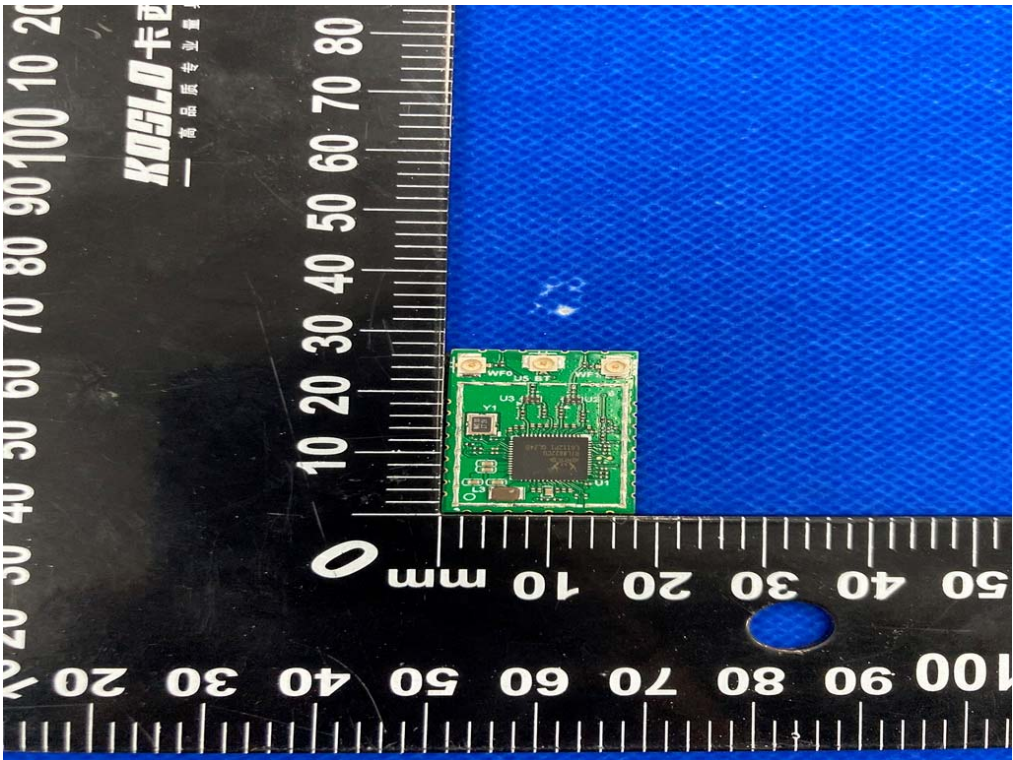
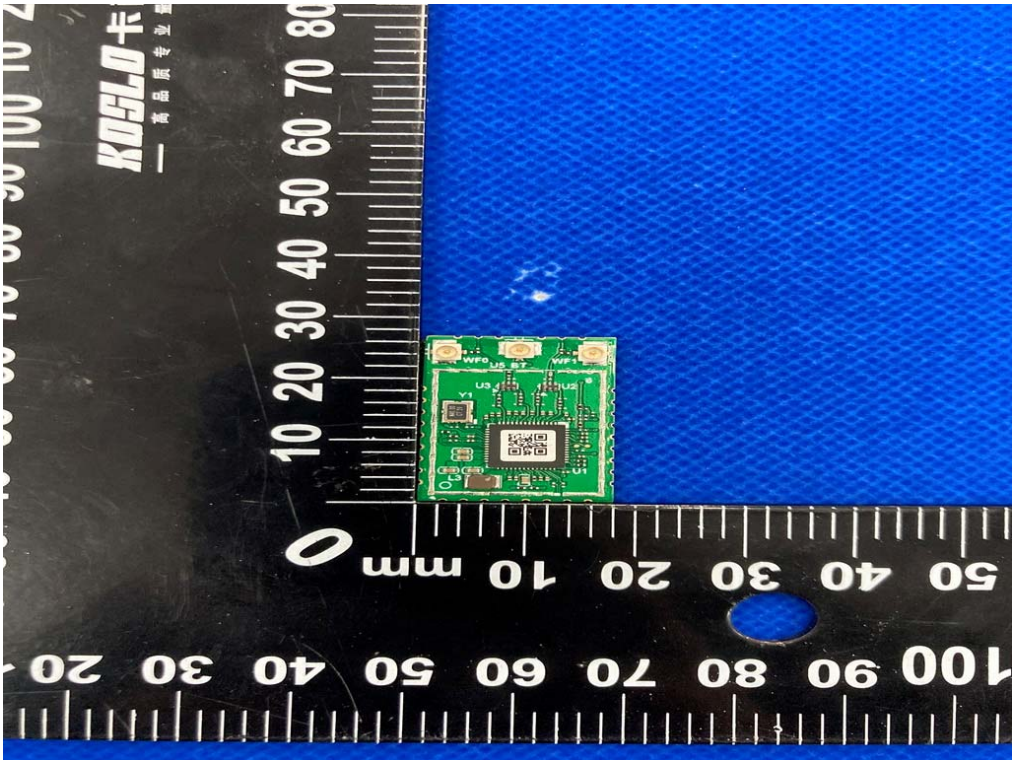


External Photos

M/N: SKI.WB822CU.2



Internal Photos
M/N: SKI.WB822CU.2



End of Test Report