

5 GHz Band Low Power Data Communication System Test Report

Product Name : Wireless LAN Access Point

Trade Name : Silex Technology

Model No. : AP-200AC

Applicant : silex technology, Inc.

Address : 2-3-1 Hikaridai, Seika-cho, Soraku-gun,
Kyoto 619-0237, Japan

Date of Receipt : Feb. 01, 2021

Issued Date : Jun. 16, 2021

Report No. : 2120022R-E3032140413

Report Version : V1.0

The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of DEKRA Testing and Certification Co., Ltd.

Test Report Certification

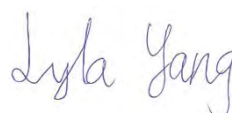
Issued Date: Jun. 16, 2021

Report No. : 2120022R-E3032140413



Product Name : Wireless LAN Access Point
Applicant : silex technology, Inc.
Address : 2-3-1 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237,
Japan
Manufacturer : Amigo Technology Inc.
Model No. : AP-200AC
EUT Voltage : AC 100-240V, 50/60Hz
Testing Voltage : AC 100V/50Hz
Trade Name : Silex Technology
Measurement Standard : ARIB STD-T71 Ver. 6.2 (2018.07.26)
Laboratory Name : Hsin Chu Laboratory
Address : No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township,
Hsinchu County 31061, Taiwan, R.O.C.
TEL: +886-3-582-8001 / FAX: +886-3-582-8958
Test Result : Complied

Documented By :



(Lyla Yang / Engineering Adm. Specialist)

Tested By :



(Clemens Fang / Senior Engineer)

Approved By :



(Louis Hsu / Deputy Manager)

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	Jun. 16, 2021

TABLE OF CONTENTS

Description	Page
1. General Information.....	6
1.1. EUT Description	6
1.2. Test Mode.....	8
1.3. Tested System Details.....	9
1.4. Configuration of tested System	9
1.5. EUT Exercise Software	10
1.6. Comments and Remarks.....	10
1.7. Test Facility.....	11
1.8. List of Test Equipment	13
1.9. Measurement Uncertainty	16
2. Output Power 、 Output Power Density 、 Output Power Tolerance and E.I.R.P	17
2.1. Test Setup	17
2.2. Test Procedure	17
2.3. Limits	18
2.4. Test Result of Output Power Density.....	19
2.5. Test Result of Output Power Tolerance	21
2.6. Test Result of E.I.R.P	23
3. Spread Bandwidth and Spread Factor.....	25
3.1. Test Setup	25
3.2. Test Procedure	25
3.3. Limits	25
3.4. Test Result of Spread Bandwidth	26
3.5. Test Result of Spread Factor	60
4. Occupied Bandwidth	64
4.1. Test Setup	64
4.2. Test Procedure	64
4.3. Limits	64
4.4. Test Result of Occupied Bandwidth.....	65
5. Frequency Tolerance	99
5.1. Test Setup	99
5.2. Test Procedure	99
5.3. Limits	99
5.4. Test Result of Frequency Tolerance	100
6. Adjacent Channel Emitted power and Out-Band Leakage Power.....	103
6.1. Test Setup	103

6.2.	Test Procedure	103
6.3.	Limits	103
6.4.	Test Result of Adjacent Channel Emitted Power	108
6.5.	Test Result of Out-Band Leakage Power	142
7.	Transmitter Spurious Emissions	194
7.1.	Test Setup	194
7.2.	Test Procedure	194
7.3.	Limits	195
7.4.	Test Result of Transmitter Spurious Emissions	196
8.	Receiver Spurious Emissions	230
8.1.	Test Setup	230
8.2.	Test Procedure	230
8.3.	Limits	230
8.4.	Test Result of Receiver Spurious Emissions	231
9.	Carrier Sense	265
9.1.	Test Setup	265
9.2.	Test Procedure	265
9.3.	Limits	265
9.4.	Test Result of Carrier Sense	266
10.	Transmitter Time	268
10.1.	Test Setup	268
10.2.	Test Procedure	268
10.3.	Limits	268
10.4.	Test Result of Transmitter Time	269
11.	Interference Prevention Function	286
11.1.	Test Setup	286
11.2.	Requirements	286
11.3.	Test Result of Interference Prevention Function	286
Attachment		287
Test Photograph		287

1. General Information

1.1. EUT Description

Product Name	Wireless LAN Access Point	
Trade Name	Silex Technology	
Model No.	AP-200AC	
Frequency Range/ Channel Number	IEEE 802.11a/n/ac (20MHz)	5180~5240MHz / 4 Channels 5260~5320MHz / 4 Channels 5500~5720MHz / 12 Channels
	IEEE 802.11n/ac (40MHz)	5190~5230MHz / 2 Channels 5270~5310MHz / 2 Channels 5510~5710MHz / 6 Channels
	IEEE 802.11ac (80MHz)	5210~5210MHz / 1 Channel 5290~5290MHz / 1 Channel 5530~5690MHz / 3 Channel
Data Speed	IEEE 802.11a	6, 9, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n
	IEEE 802.11ac	Support a subset of the combination of GI, MCS 0~MCS 9 and bandwidth defined in 802.11ac
Firmware Version	1.0	
Length / Width / Height	160mm*160mm*42mm	
Weight	260g	

Antenna Information					
Ant. No.	Manufacturer	Model No.	Ant. Type	Ant. Gain (dBi)	
				2.4G	5G
Ant 0 (2.4G)	Silex Technology	ALA150-052020-02	PIFA	2.44	--
Ant 1 (2.4G)		ALA150-052020-03	PIFA	1.98	--
Ant 0 (5G)		ALX17M-092XX3-00	PIFA	--	2.86
Ant 1 (5G)		ALX17M-092XX3-01	PIFA	--	3.74

Accessories Information	
Power Adapter	Adapter Technology, ATS036T-A120 I/P: AC 100~240V, 50-60Hz, 1A MAX. O/P: 12.0V  3.0A 36.0W Cable In: Non-shielded, 1m Cable Out: Non-shielded, 1.5m

Note:

1. This device including 2.4GHz b/g/n and 5GHz a/n/ac transmitting and receiving functions.
2. Regards to the frequency band operations; one channel were selected to perform the test, and then show on this report.
3. After checking the fluctuation of input voltage to the circuit of the radio part (excluding the power supply) of the equipment to be tested, the fluctuation less than +/- 1 % when input voltage from an external supply into the equipment fluctuates +/- 10%, therefore, the test is carried out only at the normal voltage.
4. The EUT description is from the customer declaration.

ANT-TX / RX & Bandwidth

ANT-TX / RX	TX			RX		
Mode/ Channel Bandwidth	20MHz	40MHz	80MHz	20MHz	40MHz	80MHz
IEEE802.11a	✓			✓		
IEEE802.11n	✓	✓		✓	✓	
IEEE802.11ac	✓	✓	✓	✓	✓	✓

IEEE 802.11a/n/ac (20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
52	5260 MHz	56	5280 MHz	60	5300 MHz	64	5320 MHz
100	5500 MHz	104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz	144	5720 MHz

IEEE 802.11n/ac (40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270MHz	62	5310 MHz
102	5510 MHz	110	5550 MHz	118	5590MHz	126	5630 MHz
134	5670 MHz	142	5710 MHz				

IEEE 802.11ac (80MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530 MHz	122	5610 MHz
138	5690 MHz						

1.2. Test Mode

DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Transmit
Mode 2: Receive

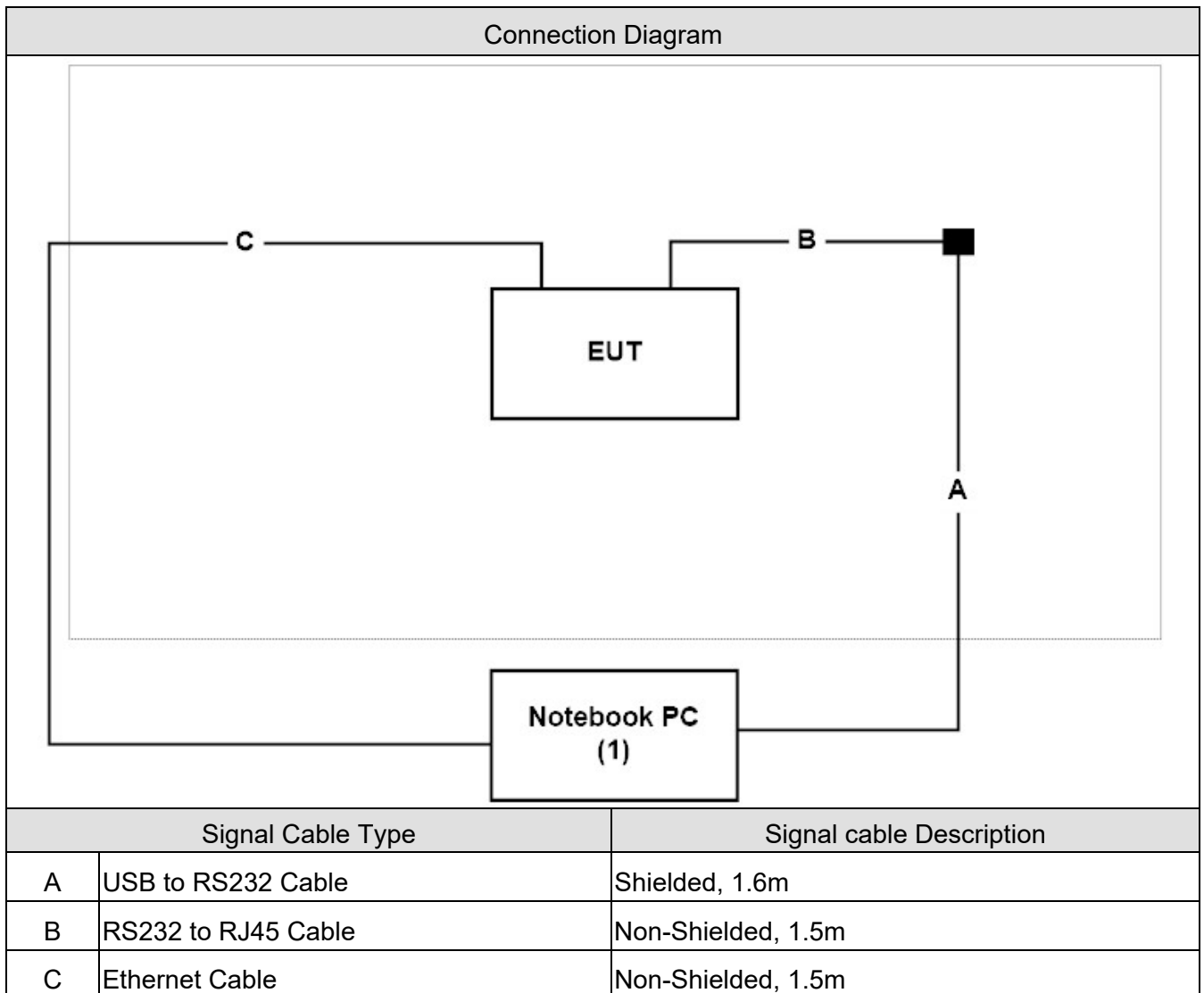
Note: Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	Lenovo	80XL	PF0SXXY1	Shielded, 1.8m

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Set the EUT as shown.
2	Open the control software QRCT.
3	Configure test mode, test channel and data rate.
4	Let the EUT start transmitting and receiving signal continuously.
5	Verify that device is working properly.

1.6. Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required	Test Site
Temperature (°C)	ARIB STD-T71 Output Power 、 Output Power Density 、 Output Power Tolerance and E.I.R.P	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Spread Bandwidth and Spread Factor	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Occupied Bandwidth	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Frequency Tolerance	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Adjacent Channel Emitted power and Out-Band Leakage Power	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Transmitter Spurious Emissions	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Receiver Spurious Emissions	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Carrier Sense	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Transmitter Time	15 - 35	1
Humidity (%RH)		25 - 75	
Temperature (°C)	ARIB STD-T71 Interference Prevention Function	15 - 35	1
Humidity (%RH)		25 - 75	

Note: Test site information refers to Laboratory Information.

Laboratory Information

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: <http://www.dekra.com.tw>

If you have any comments, please don't hesitate to contact us. Our test sites as below:

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
Address	1. No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. 2. No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
Phone number	1. +886-3-582-8001 2. +886-3-582-8001
Fax number	1. +886-3-582-8958 2. +886-3-582-8958
Email address	info.tw@dekra.com
Website	http://www.dekra.com.tw

1.8. List of Test Equipment

Output Power Density 、 Output Power Tolerance and E.I.R.P / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30	2021/03/29
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

Spread Bandwidth and Spread Factor / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30 2021/03/31	2021/03/29 2022/03/30
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

Occupied Bandwidth / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30 2021/03/31	2021/03/29 2022/03/30
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

Frequency Tolerance / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2021/03/31	2022/03/30
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

Adjacent Channel Emitted power and Out-Band Leakage Power / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30 2021/03/31	2021/03/29 2022/03/30
Signal & Spectrum Analyzer	R&S	FSV40	101049	2021/03/31	2022/03/30
Signal & Spectrum Analyzer	R&S	FSV40	101049	2021/03/31	2022/03/30
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

Transmitter Spurious Emissions / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2021/03/31	2022/03/30
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

Receiver Spurious Emissions / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2021/03/31	2022/03/30
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

Carrier Sense / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Directional Coupler	Agilent	778D	20402	2020/07/31	2021/07/30
Signal & Spectrum Analyzer	R&S	FSV40	101049	2021/03/31	2022/03/30
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
MXG Vector Signal Generator	Keysight	N5182B	MY53052548	2021/02/22	2022/02/21
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
Wideband Radio Communication Tester	R&S	CMW500	150246	2021/03/09	2022/03/08
EXG Analog Signal Generator	Keysight	N5171B	MY56200665	2020/06/24	2021/06/23

Transmitter Time / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2021/03/31	2022/03/30
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2021/01/25	2022/01/24
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

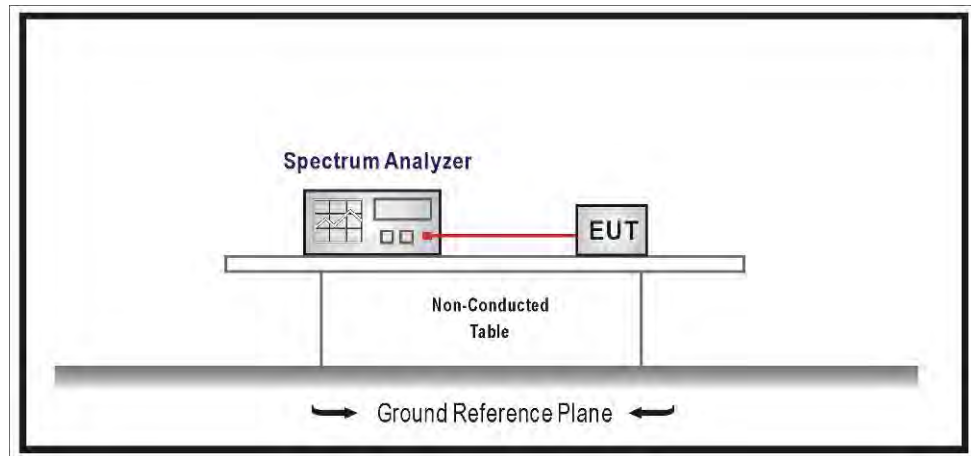
Note: All equipment upon which need to calibrated are with calibration period of 1 year.

1.9. Measurement Uncertainty

Test Item	Uncertainty
Output Power 、 Output Power Density 、 Output Power Tolerance and E.I.R.P	± 1.27 dB
Spread Bandwidth and Spread Factor	± 50 kHz
Occupied Bandwidth	± 50 kHz
Frequency Tolerance	± 50 kHz
Adjacent Channel Emitted power and Out-Band Leakage Power	± 0.58 dB
Transmitter Spurious Emissions	± 3.19 dB
Receiver Spurious Emissions	± 3.19 dB
Carrier Sense	± 1.27 dB
Transmitter Time	± 2.31 ms

2. Output Power 、 Output Power Density 、 Output Power Tolerance and E.I.R.P

2.1. Test Setup



2.2. Test Procedure

The output power shall be determined using a spectrum analyzer of adequate bandwidth for the type of modulation being used in combination with an RF power meter.

Connect an RF power meter to the IF output of the spectrum analyzer and correct its reading using a known reference source.

The above procedure shall be repeated for each of the three frequencies identified by the procedure given in limit.

Where the spectrum analyzer bandwidth is non-Gaussian, a suitable correction factor shall be determined and applied.

Where a spectrum analyzer is equipped with a facility to measure power density, this facility may be used instead of the above procedure.

2.3. Limits

Output Power:

For 20MHz Bandwidth: $\leq 10\text{mW/MHz}$

For 40MHz Bandwidth: $\leq 5\text{mW/MHz}$

For 80MHz Bandwidth: $\leq 2.5\text{mW/MHz}$

Output Power Tolerance:

For 20MHz, 40MHz and 80MHz Bandwidth in W52, W53 Bands: +20% to –80%

For 20MHz, 40MHz and 80MHz Bandwidth in W56 Band: +50% to –50%

EIRP:

For 20MHz Bandwidth in W52 Band: $\leq 10\text{mW/MHz}$

For 20MHz Bandwidth in W53 Band: $\leq 10\text{mW/MHz}$ (with TPC); $\leq 5\text{mW/MHz}$ (without TPC)

For 20MHz Bandwidth in W56 Band: $\leq 50\text{mW/MHz}$ (with TPC); $\leq 25\text{mW/MHz}$ (without TPC)

For 40MHz Bandwidth in W52 Band: $\leq 5\text{mW/MHz}$

For 40MHz Bandwidth in W53 Band: $\leq 5\text{mW/MHz}$ (with TPC); $\leq 2.5\text{mW/MHz}$ (without TPC)

For 40MHz Bandwidth in W56 Band: $\leq 25\text{mW/MHz}$ (with TPC); $\leq 12.5\text{mW/MHz}$ (without TPC)

For 80MHz Bandwidth in W52 Band: $\leq 2.5\text{mW/MHz}$

For 80MHz andwidth in W53 Band: $\leq 2.5\text{mW/MHz}$ (with TPC); $\leq 1.25\text{mW/MHz}$ (without TPC)

For 80MHz Bandwidth in W56 Band: $\leq 12.5\text{ mW/MHz}$ (with TPC); $\leq 6.25\text{mW/MHz}$ (without TPC)

2.4. Test Result of Output Power Density

Product	Wireless LAN Access Point		
Test Item	Output Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/23	Test Site	SR12-H
Temperature(°C)	20	Humidity (%RH)	63

Test Mode: 802.11a							
Frequency (MHz)	Ant.0		Ant.1		Ant.0+1		Limit (mW/MHz)
	Real Value (dBm/MHz)	Output Power (mW/MHz)	Real Value (dBm/MHz)	Output Power (mW/MHz)	Real Value (dBm/MHz)	Output Power (mW/MHz)	
5180	3.341	2.158	2.826	1.917	6.101	4.075	10
5220	3.289	2.133	2.819	1.914	6.071	4.046	10
5240	3.317	2.146	3.068	2.027	6.205	4.173	10
5260	3.154	2.067	2.717	1.869	5.951	3.937	10
5300	3.032	2.010	2.711	1.867	5.885	3.877	10
5320	3.234	2.106	3.217	2.097	6.236	4.203	10
5500	6.954	4.959	6.809	4.796	9.892	9.755	10
5600	7.123	5.156	6.519	4.486	9.842	9.642	10
5720	6.950	4.955	6.990	5.000	9.980	9.955	10

Test Mode: 802.11ac(20MHz)							
Frequency (MHz)	Ant.0		Ant.1		Ant.0+1		Limit (mW/MHz)
	Real Value (dBm/MHz)	Output Power (mW/MHz)	Real Value (dBm/MHz)	Output Power (mW/MHz)	Real Value (dBm/MHz)	Output Power (mW/MHz)	
5180	3.160	2.070	2.741	1.880	5.966	3.950	10
5220	3.424	2.200	2.803	1.907	6.135	4.107	10
5240	3.274	2.125	3.023	2.006	6.161	4.131	10
5260	3.353	2.164	3.138	2.060	6.257	4.224	10
5300	3.112	2.047	2.899	1.949	6.017	3.997	10
5320	3.268	2.122	3.199	2.089	6.244	4.211	10
5500	6.250	4.217	5.910	3.899	9.094	8.116	10
5600	6.420	4.385	5.750	3.758	9.108	8.144	10
5720	6.010	3.990	6.190	4.159	9.111	8.149	10

Product	Wireless LAN Access Point		
Test Item	Output Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/23	Test Site	SR12-H
Temperature(°C)	20	Humidity (%RH)	63

Test Mode: 802.11ac(40MHz)							
Frequency (MHz)	Ant.0		Ant.1		Ant.0+1		Limit (mW/MHz)
	Real Value (dBm/MHz)	Output Power (mW/MHz)	Real Value (dBm/MHz)	Output Power (mW/MHz)	Real Value (dBm/MHz)	Output Power (mW/MHz)	
5190	0.076	1.018	-0.131	0.970	2.984	1.988	5
5230	-0.070	0.984	-0.182	0.959	2.885	1.943	5
5270	0.280	1.067	0.069	1.016	3.186	2.083	5
5310	0.249	1.059	0.219	1.052	3.244	2.111	5
5510	2.880	1.941	2.800	1.905	5.850	3.846	5
5590	3.010	2.000	2.720	1.871	5.878	3.871	5
5710	2.890	1.945	2.850	1.928	5.880	3.873	5

Test Mode: 802.11ac(80MHz)							
Frequency (MHz)	Ant.0		Ant.1		Ant.0+1		Limit (mW/MHz)
	Real Value (dBm/MHz)	Output Power (mW/MHz)	Real Value (dBm/MHz)	Output Power (mW/MHz)	Real Value (dBm/MHz)	Output Power (mW/MHz)	
5210	-2.936	0.509	-3.130	0.486	-0.022	0.995	2.5
5290	-2.874	0.516	-2.919	0.511	0.114	1.027	2.5
5530	0.685	1.171	0.401	1.097	3.556	2.268	2.5
5610	1.089	1.285	0.593	1.146	3.858	2.431	2.5
5690	0.580	1.143	0.460	1.112	3.531	2.255	2.5

2.5. Test Result of Output Power Tolerance

Product	Wireless LAN Access Point		
Test Item	Output Power Tolerance		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/23	Test Site	SR12-H
Temperature(°C)	20	Humidity (%RH)	63

Test Mode: 802.11a, Ant.0+1				
Frequency (MHz)	Declared Output Power (mW/MHz)	Output Power (mW/MHz)	Tolerance (%)	Limit
5180	4.173	4.075	-2.347%	+20% to -80%
5220	4.173	4.046	-3.037%	+20% to -80%
5240	4.173	4.173	0.000%	+20% to -80%
5260	4.203	3.937	-6.341%	+20% to -80%
5300	4.203	3.877	-7.764%	+20% to -80%
5320	4.203	4.203	0.000%	+20% to -80%
5500	6.700	9.755	45.601%	+50% to -50%
5600	6.700	9.642	43.914%	+50% to -50%
5720	6.700	9.955	48.580%	+50% to -50%

Test Mode: 802.11ac (20MHz), Ant.0+1				
Frequency (MHz)	Declared Output Power (mW/MHz)	Output Power (mW/MHz)	Tolerance (%)	Limit
5180	4.131	3.950	-4.385%	+20% to -80%
5220	4.131	4.107	-0.591%	+20% to -80%
5240	4.131	4.131	0.000%	+20% to -80%
5260	4.224	4.224	0.000%	+20% to -80%
5300	4.224	3.997	-5.377%	+20% to -80%
5320	4.224	4.211	-0.303%	+20% to -80%
5500	5.500	8.116	47.571%	+50% to -50%
5600	5.500	8.144	48.067%	+50% to -50%
5720	5.500	8.149	48.170%	+50% to -50%

Deviation = (Output Power - Declared Output Power) / Declared Output Power * 100%

Product	Wireless LAN Access Point		
Test Item	Output Power Tolerance		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/23	Test Site	SR12-H
Temperature(°C)	20	Humidity (%RH)	63

Test Mode: 802.11ac (40MHz), Ant.0+1

Frequency (MHz)	Declared Output Power (mW/MHz)	Output Power (mW/MHz)	Tolerance (%)	Limit
5190	1.988	1.988	0.000%	+20% to -80%
5230	1.988	1.943	-2.262%	+20% to -80%
5270	2.111	2.083	-1.332%	+20% to -80%
5310	2.111	2.111	0.000%	+20% to -80%
5510	2.600	3.846	47.936%	+50% to -50%
5590	2.600	3.871	48.867%	+50% to -50%
5710	2.600	3.873	48.957%	+50% to -50%

Test Mode: IEEE 802.11ac (80MHz), Ant.0+1

Frequency (MHz)	Declared Output Power (mW/MHz)	Output Power (mW/MHz)	Tolerance (%)	Limit
5210	0.995	0.995	0.000%	+20% to -80%
5290	1.027	1.027	0.000%	+20% to -80%
5530	1.650	2.268	37.429%	+50% to -50%
5610	1.650	2.431	47.351%	+50% to -50%
5690	1.650	2.255	36.643%	+50% to -50%

Deviation = (Output Power - Declared Output Power) / Declared Output Power * 100%

2.6. Test Result of E.I.R.P

Product	Wireless LAN Access Point		
Test Item	EIRP		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/23	Test Site	SR12-H
Temperature(°C)	20	Humidity (%RH)	63

Test Mode: 802.11a, Ant.0+1			
Frequency (MHz)	Output Power (dBm/MHz)	Real Value (dBm/MHz)	Limit (dBm/MHz)
5180	6.101	9.841	10.000
5220	6.071	9.811	10.000
5240	6.205	9.945	10.000
5260	5.951	9.691	10.000
5300	5.885	9.625	10.000
5320	6.236	9.976	10.000
5500	9.892	13.632	16.990
5600	9.842	13.582	16.990
5720	9.980	13.720	16.990

Test Mode: 802.11ac (20MHz), Ant.0+1			
Frequency (MHz)	Output Power (dBm/MHz)	Real Value (dBm/MHz)	Limit (dBm/MHz)
5180	5.966	9.706	10.000
5220	6.135	9.875	10.000
5240	6.161	9.901	10.000
5260	6.257	9.997	10.000
5300	6.017	9.757	10.000
5320	6.244	9.984	10.000
5500	9.094	12.834	16.990
5600	9.108	12.848	16.990
5720	9.111	12.851	16.990

Product	Wireless LAN Access Point		
Test Item	EIRP		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/23	Test Site	SR12-H
Temperature(°C)	20	Humidity (%RH)	63

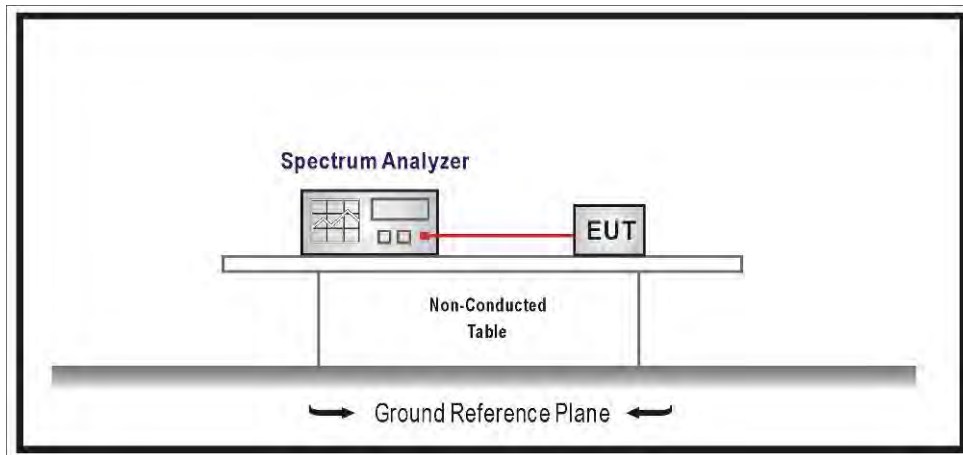
Test Mode: 802.11ac (40MHz), Ant.0+1			
Frequency (MHz)	Output Power (dBm/MHz)	Real Value (dBm/MHz)	Limit (dBm/MHz)
5190	2.984	6.724	6.990
5230	2.885	6.625	6.990
5270	3.186	6.926	6.990
5310	3.244	6.984	6.990
5510	5.850	9.590	13.979
5590	5.878	9.618	13.979
5710	5.880	9.620	13.979

Test Mode: IEEE 802.11ac (80MHz), Ant.0+1			
Frequency (MHz)	Output Power (dBm/MHz)	Real Value (dBm/MHz)	Limit (dBm/MHz)
5210	-0.022	3.718	3.979
5290	0.114	3.854	3.979
5530	3.556	7.296	10.969
5610	3.858	7.598	10.969
5690	3.531	7.271	10.969

Real Value = Output Power+ Antenna Max Gain (dBi)

3. Spread Bandwidth and Spread Factor

3.1. Test Setup



3.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) A measurement instrument with an integrated 90% power bandwidth function may be used to automate the test process.
- (c) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (d) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

3.3. Limits

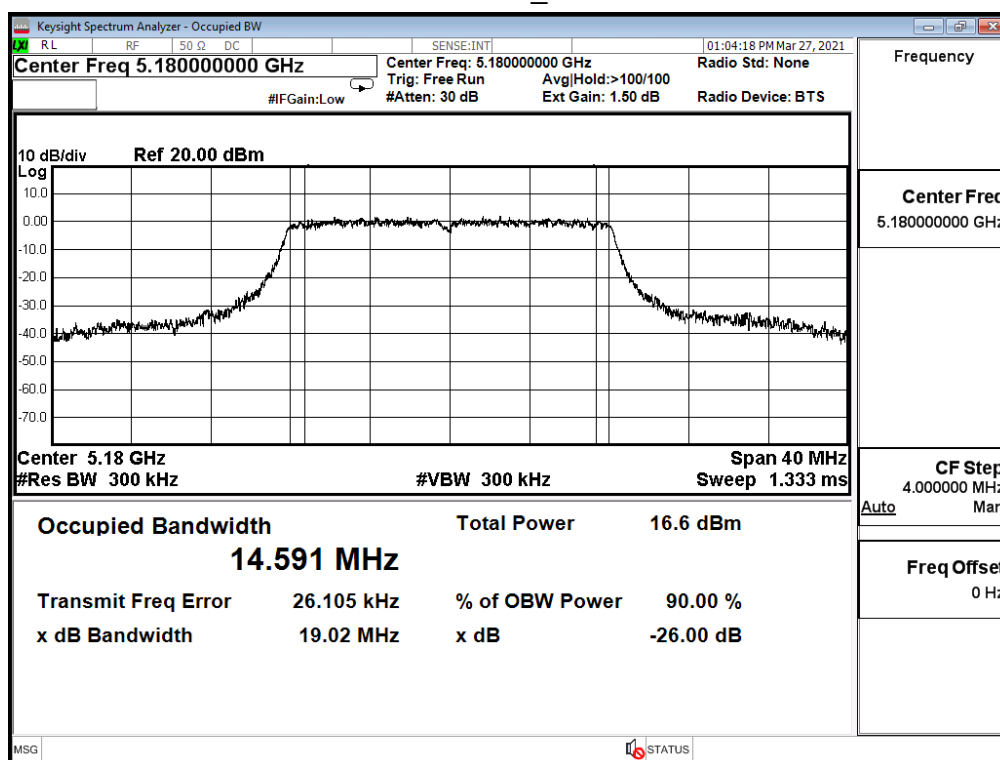
Spread Factor ≥ 5

3.4. Test Result of Spread Bandwidth

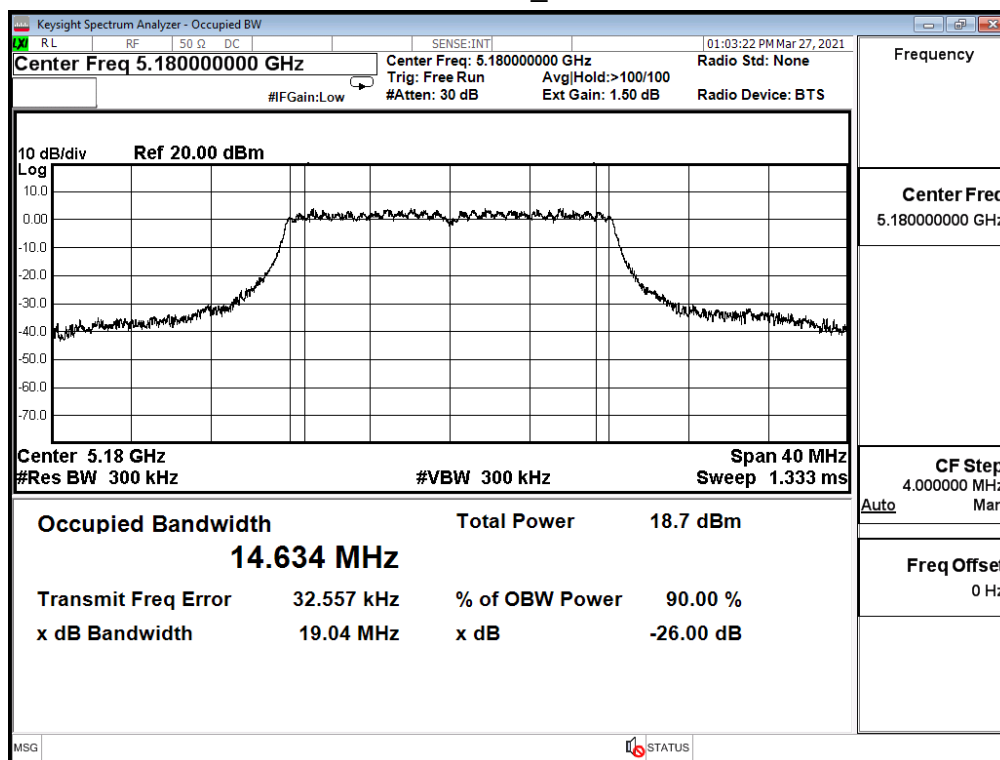
Product	Wireless LAN Access Point		
Test Item	Spread Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: 802.11a			
Frequency (MHz)	Reading Value (MHz)		Limit (MHz)
	Ant.0	Ant.1	
5180	14.591	14.634	≥ 500
5220	14.500	14.601	≥ 500
5240	14.476	14.570	≥ 500
5260	14.473	14.551	≥ 500
5300	14.540	14.526	≥ 500
5320	14.573	14.517	≥ 500
5500	14.630	14.667	≥ 500
5600	14.646	14.753	≥ 500
5720	14.661	14.697	≥ 500

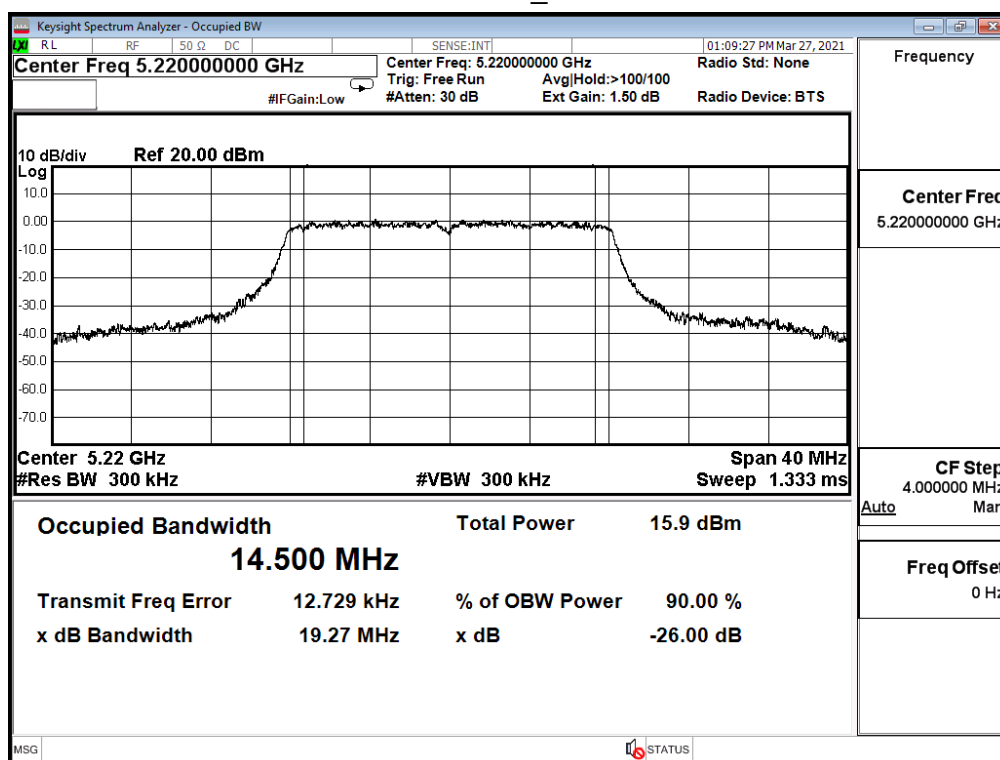
5180MHz_Ant.0



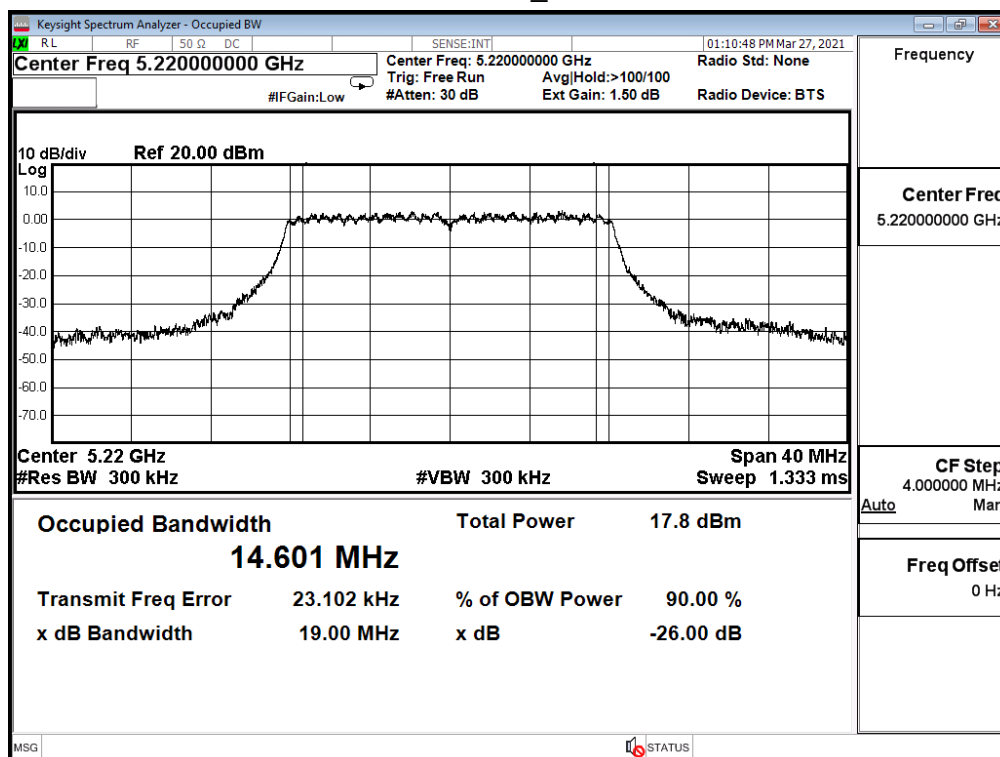
5180MHz_Ant.1



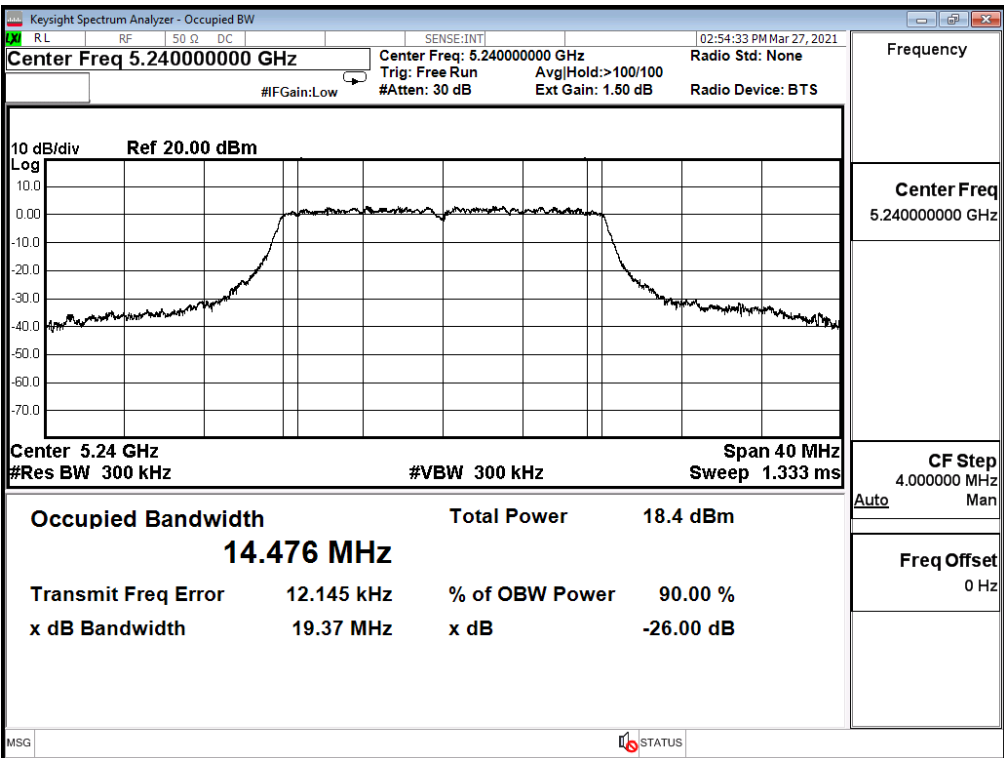
5220MHz_Ant.0



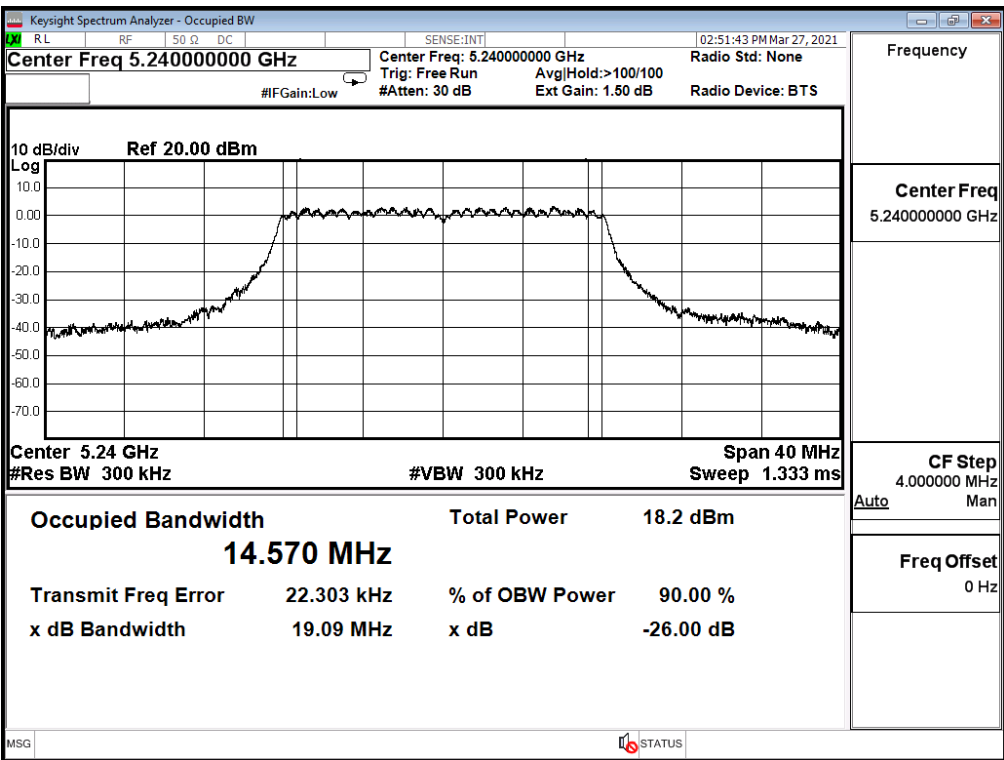
5220MHz_Ant.1



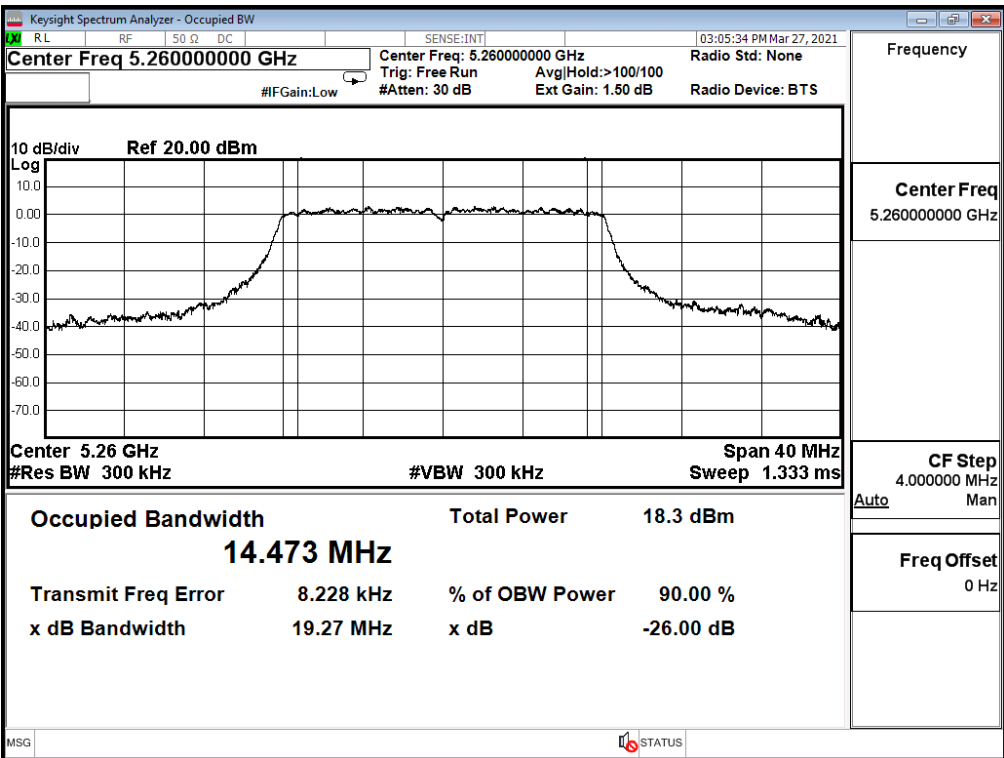
5240MHz_Ant.0



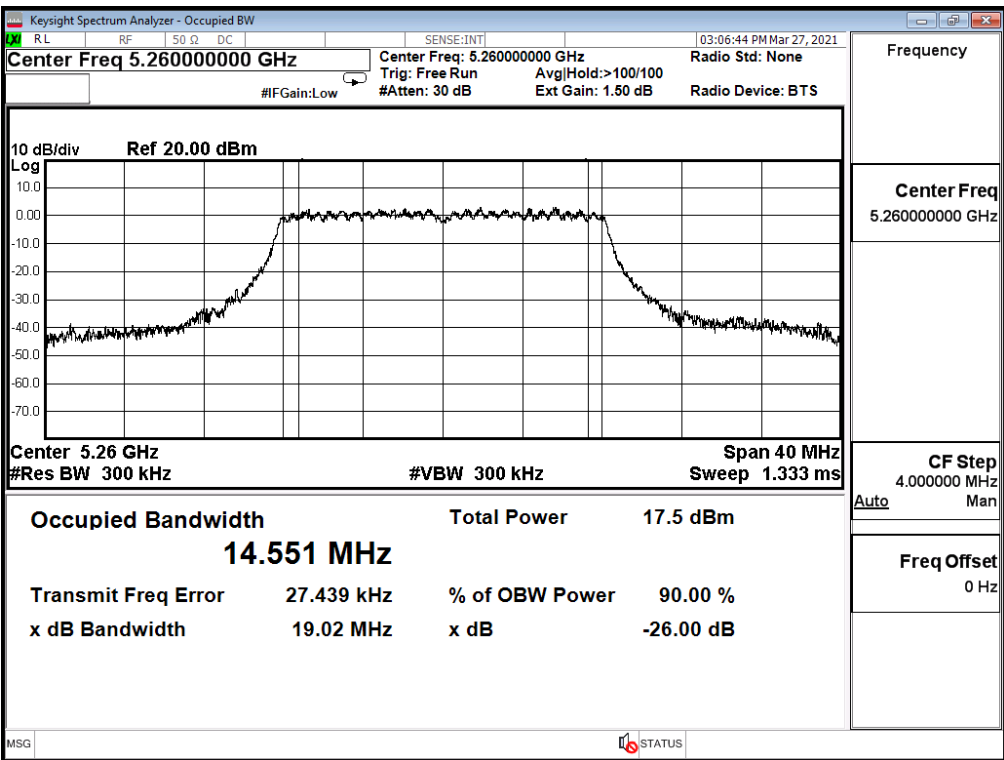
5240MHz_Ant.1



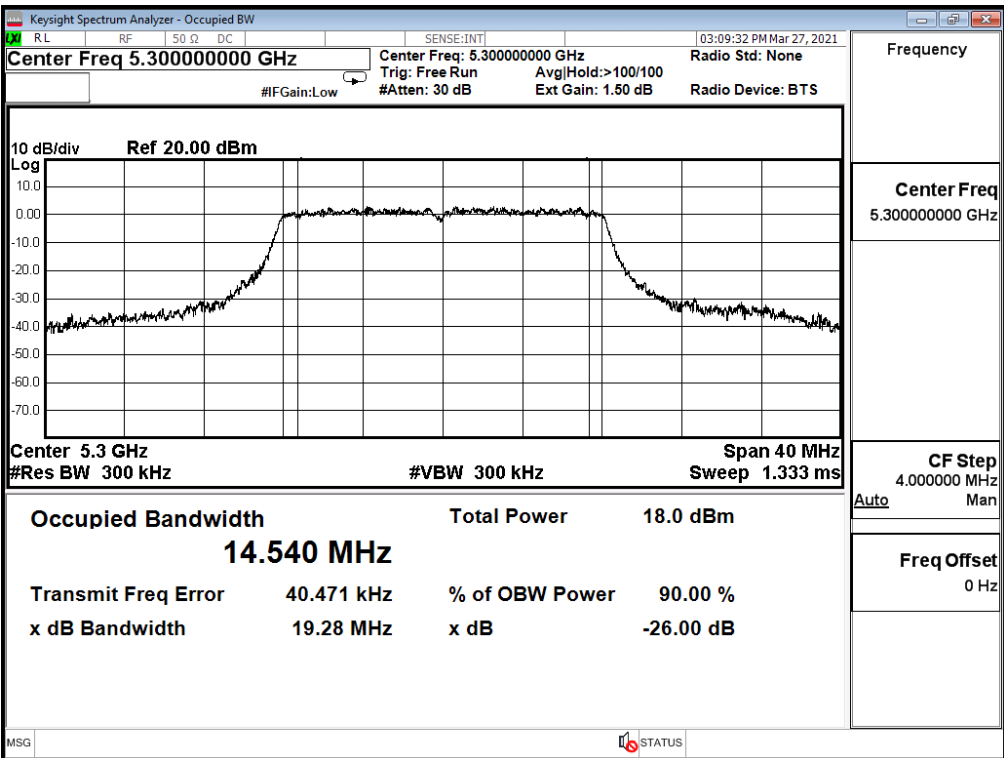
5260MHz_Ant.0



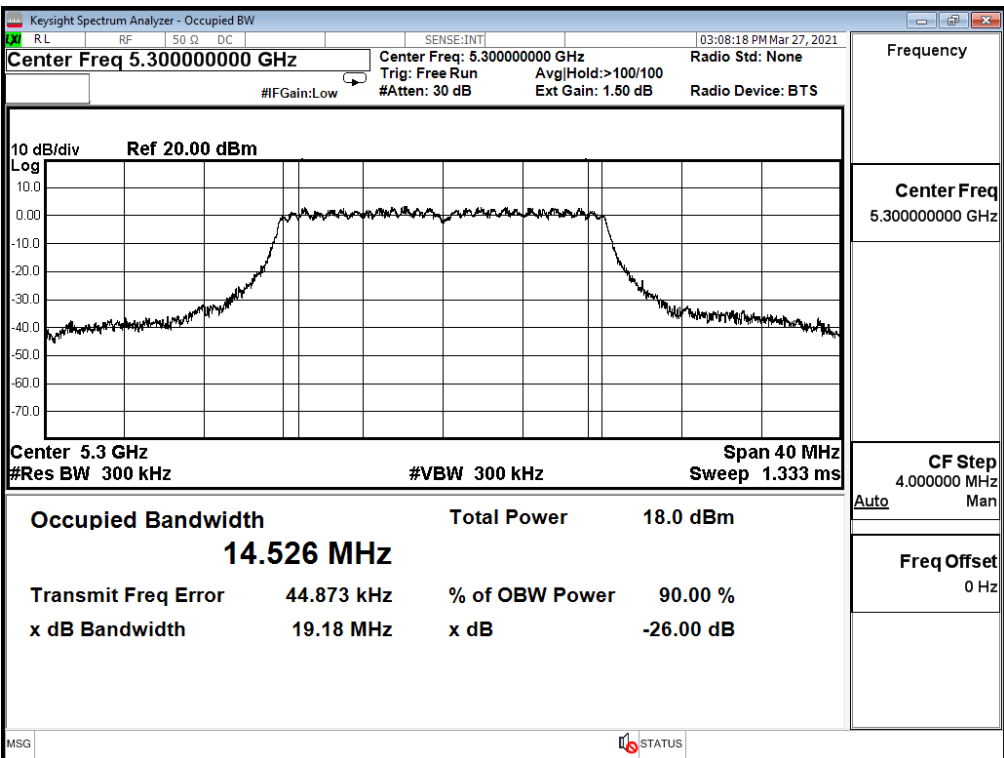
5260MHz_Ant.1



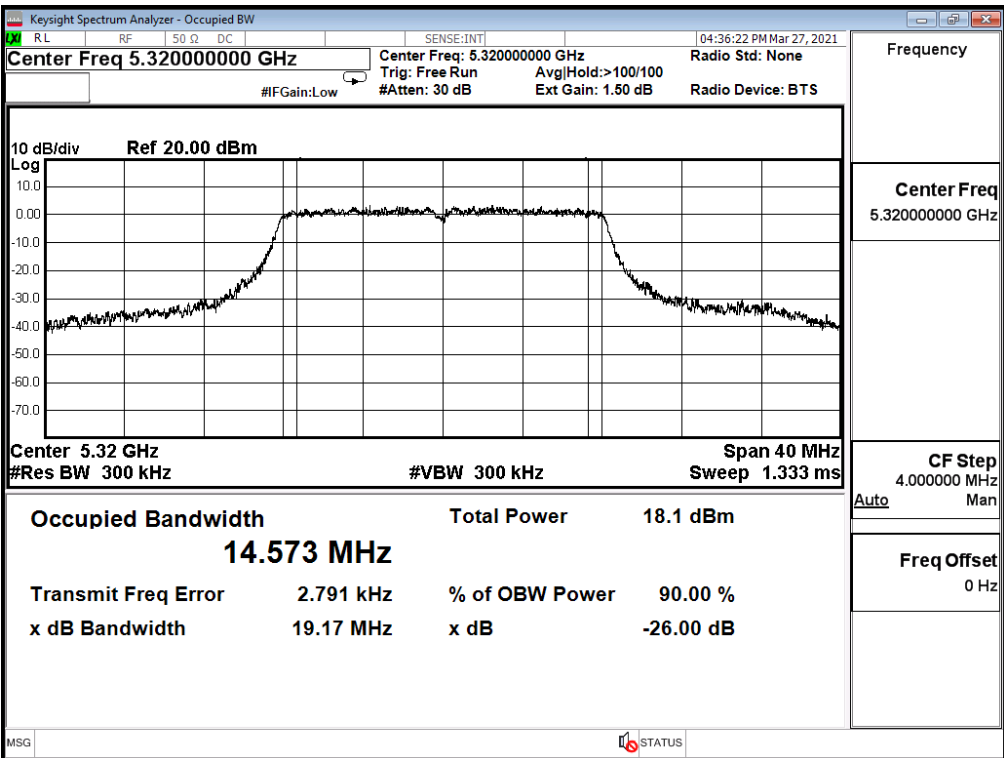
5300MHz_Ant.0



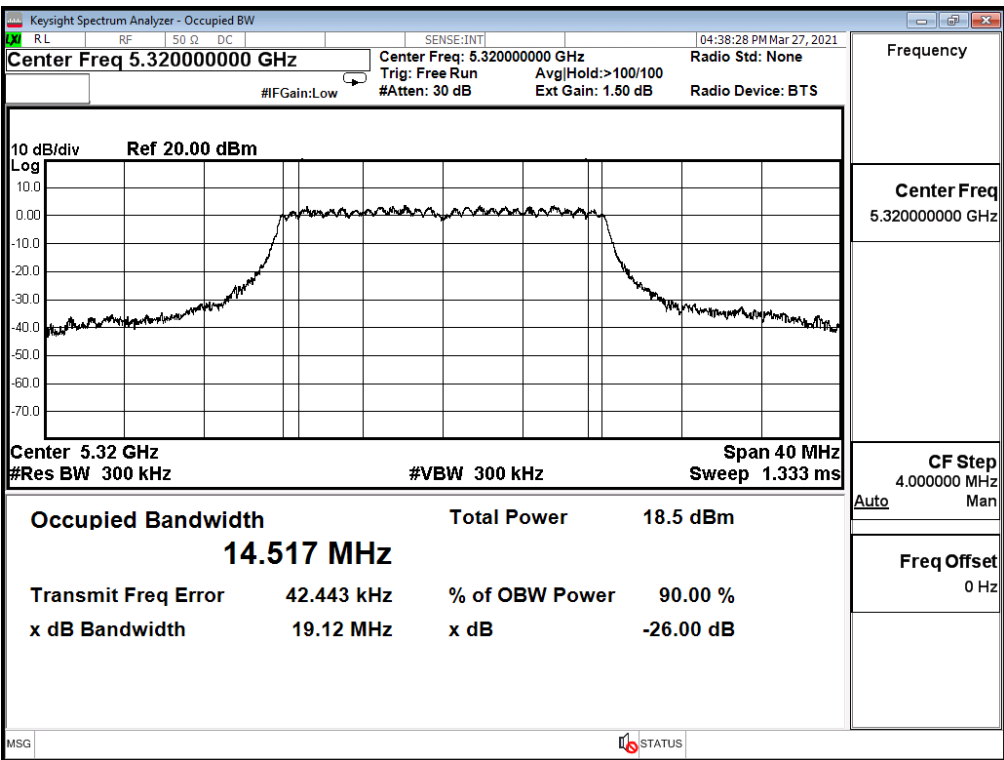
5300MHz_Ant.1



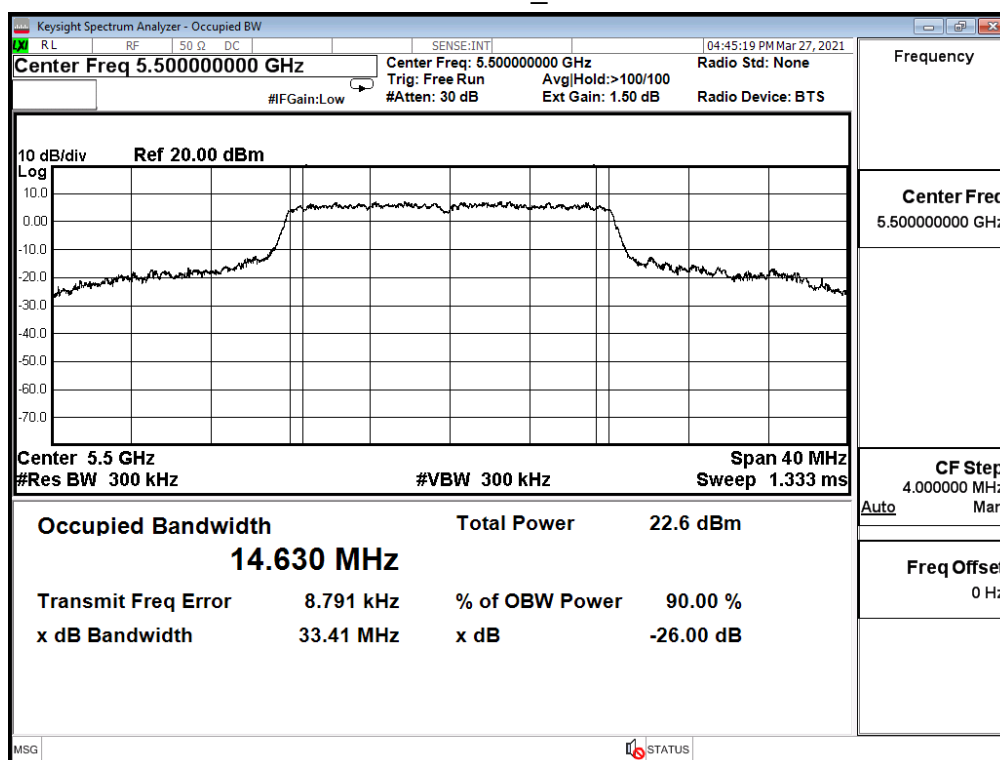
5320MHz_Ant.0



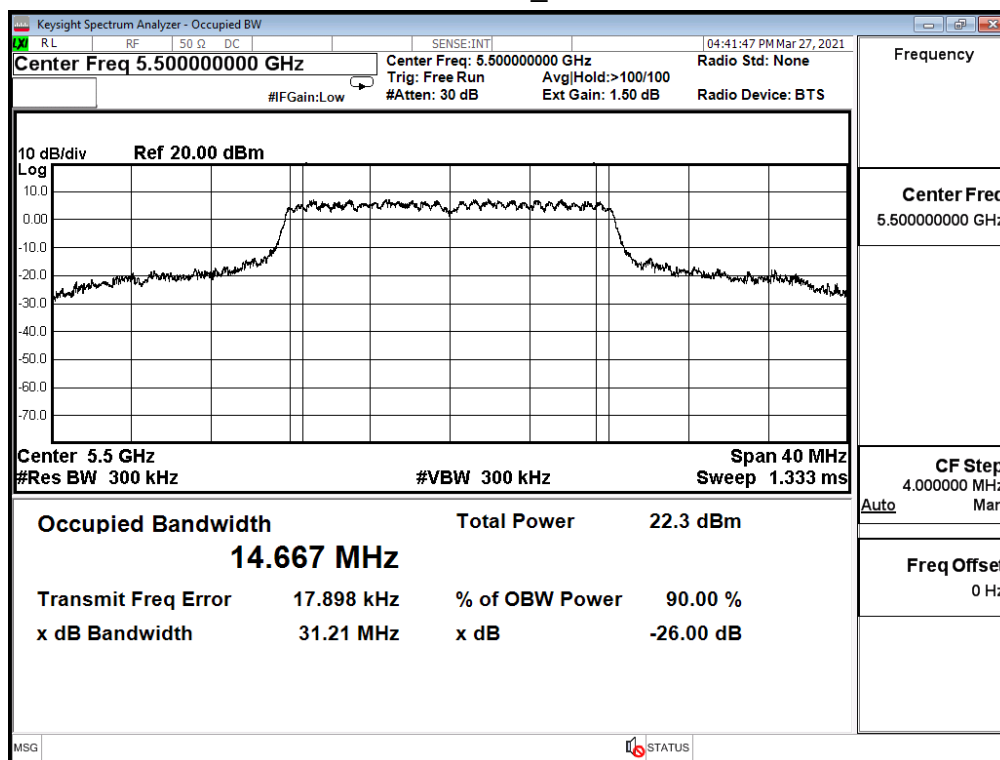
5320MHz_Ant.1



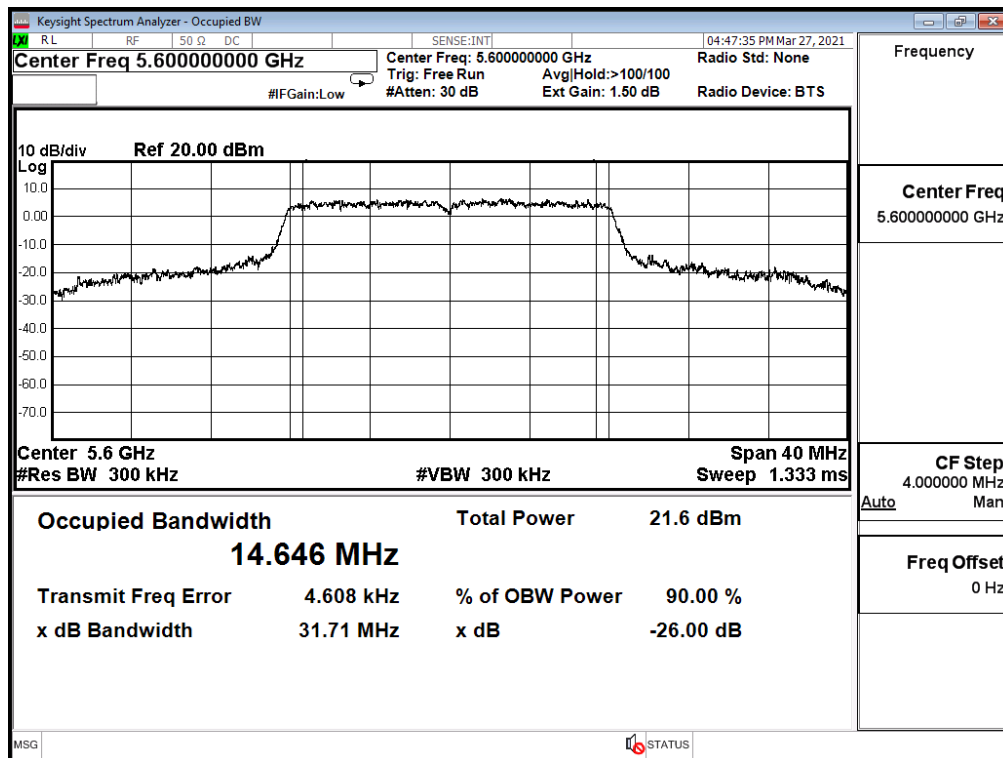
5500MHz_Ant.0



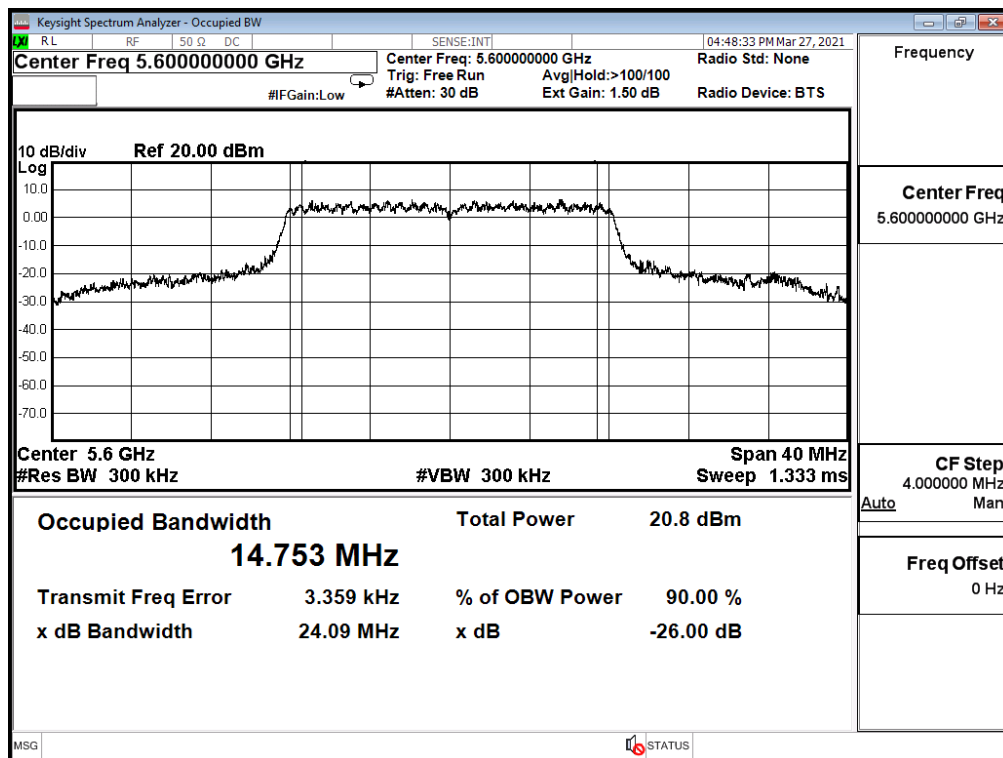
5500MHz_Ant.1



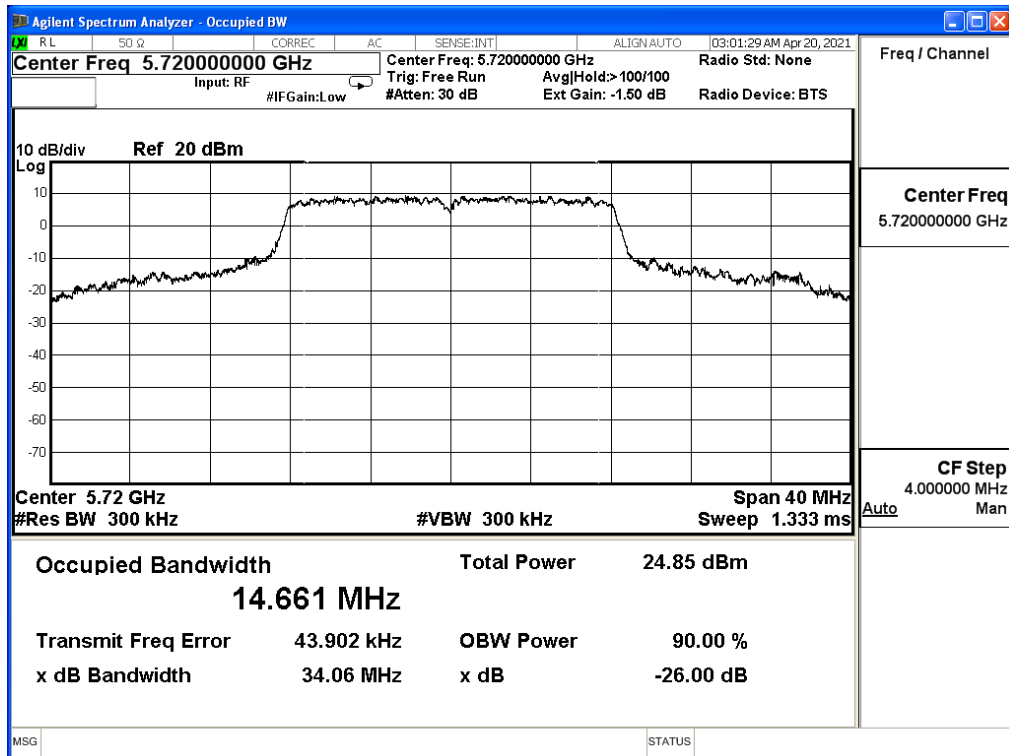
5600MHz_Ant.0



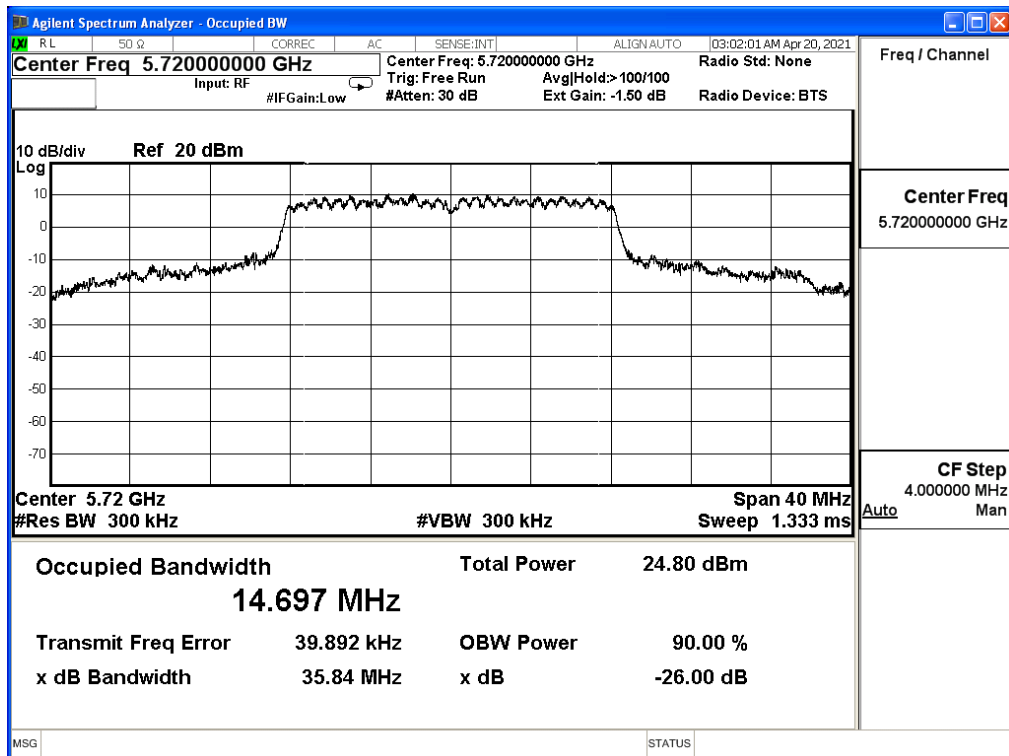
5600MHz_Ant.1



5720MHz_Ant.0



5720MHz_Ant.1

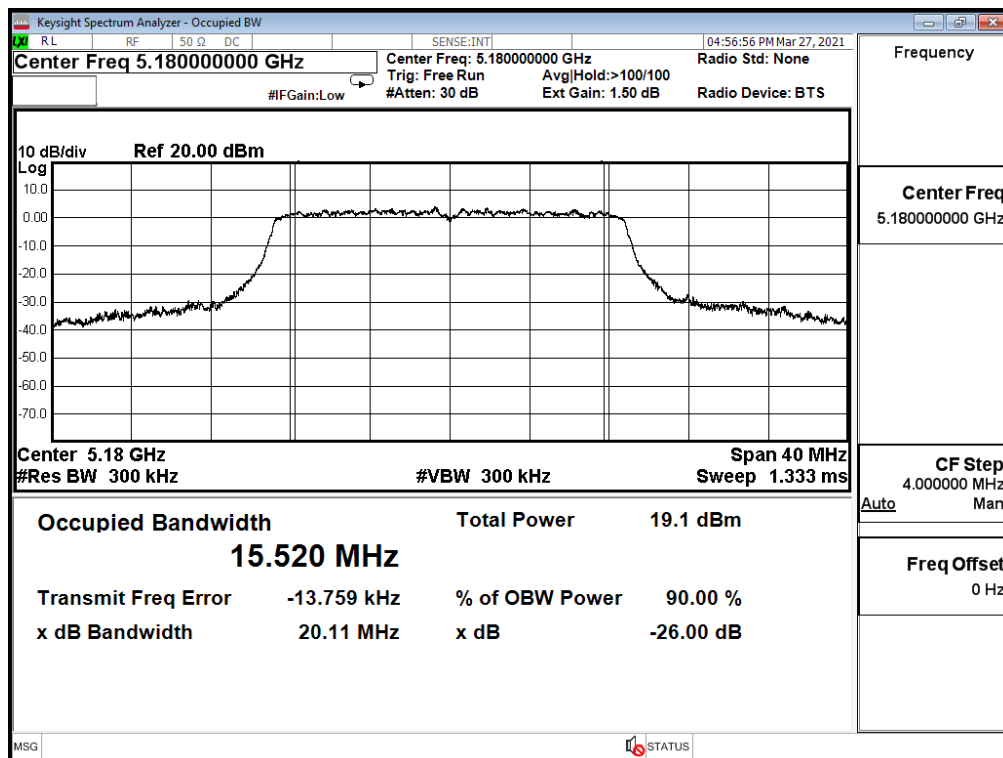


Product	Wireless LAN Access Point		
Test Item	Spread Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

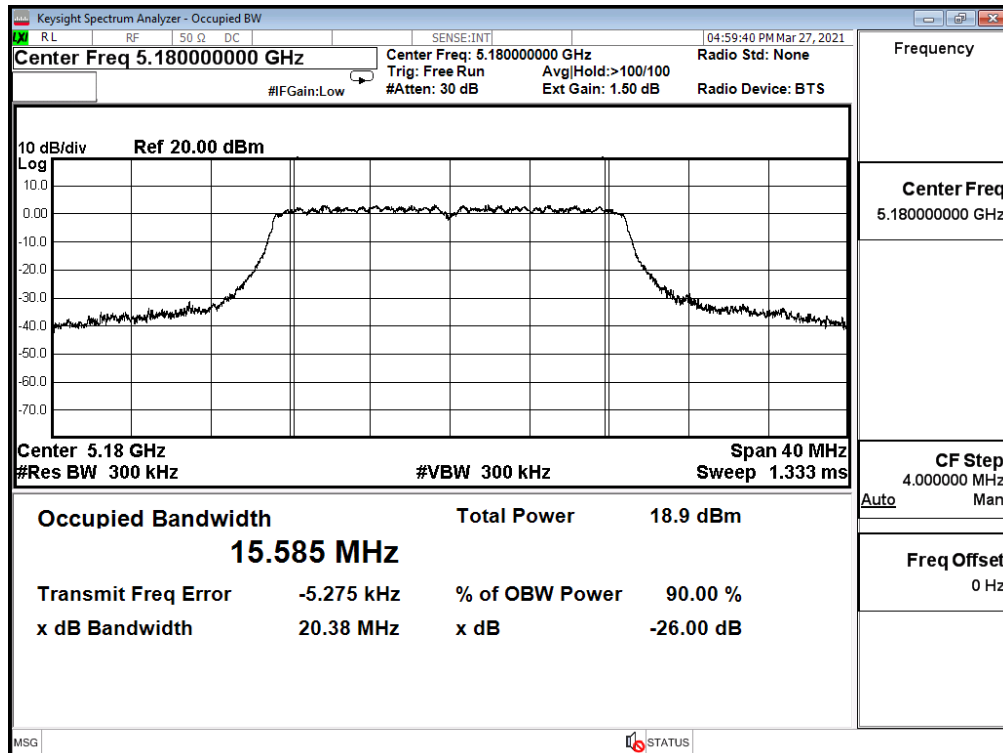
Test Mode: 802.11ac(20MHz)

Frequency (MHz)	Reading Value (MHz)		Limit (MHz)
	Ant.0	Ant.1	
5180	15.520	15.585	≥ 500
5220	15.554	15.582	≥ 500
5240	15.509	15.652	≥ 500
5260	15.498	15.645	≥ 500
5300	15.489	15.585	≥ 500
5320	15.505	15.613	≥ 500
5500	15.593	15.720	≥ 500
5600	15.687	15.657	≥ 500
5720	15.724	15.793	≥ 500

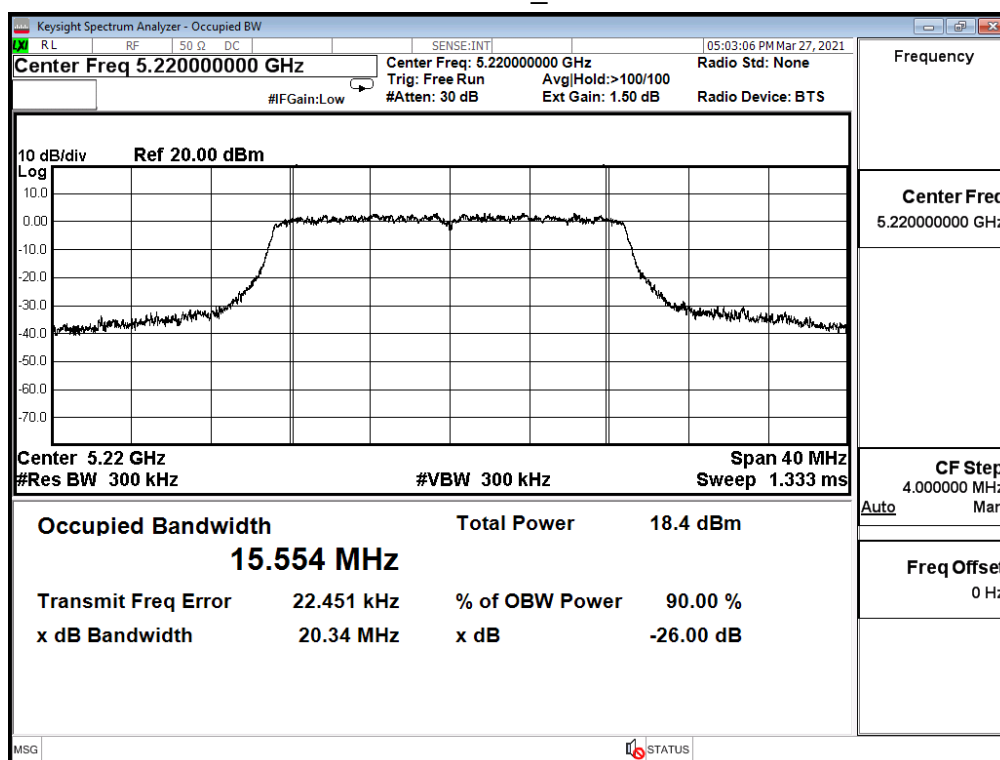
5180MHz_Ant.0



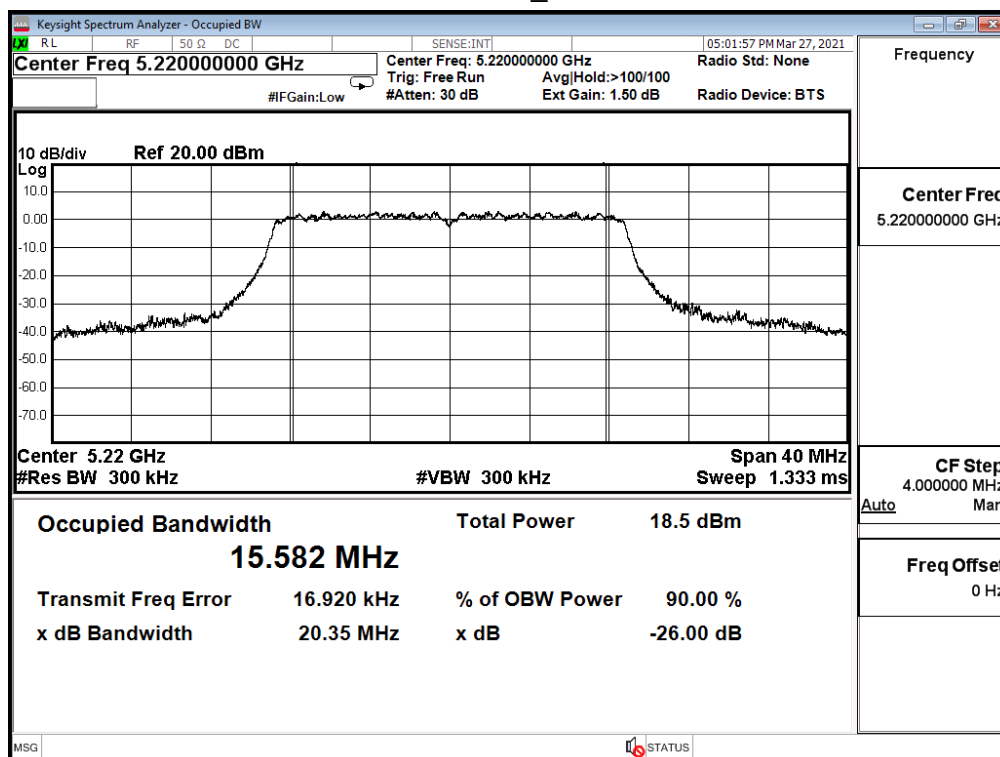
5180MHz_Ant.1



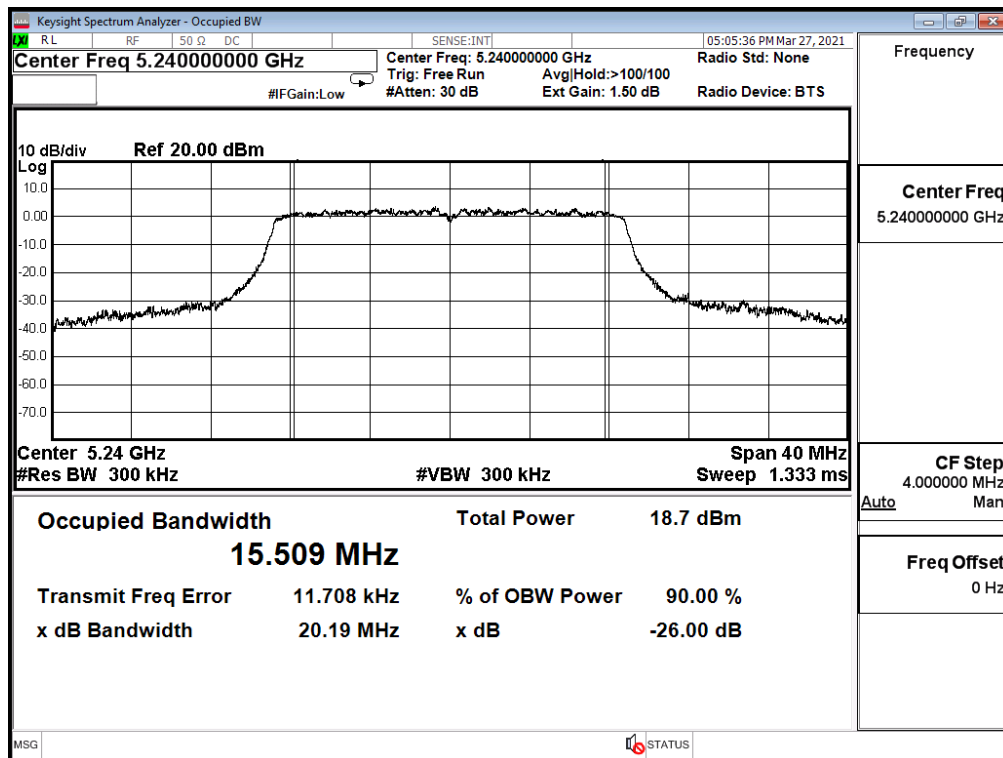
5220MHz_Ant.0



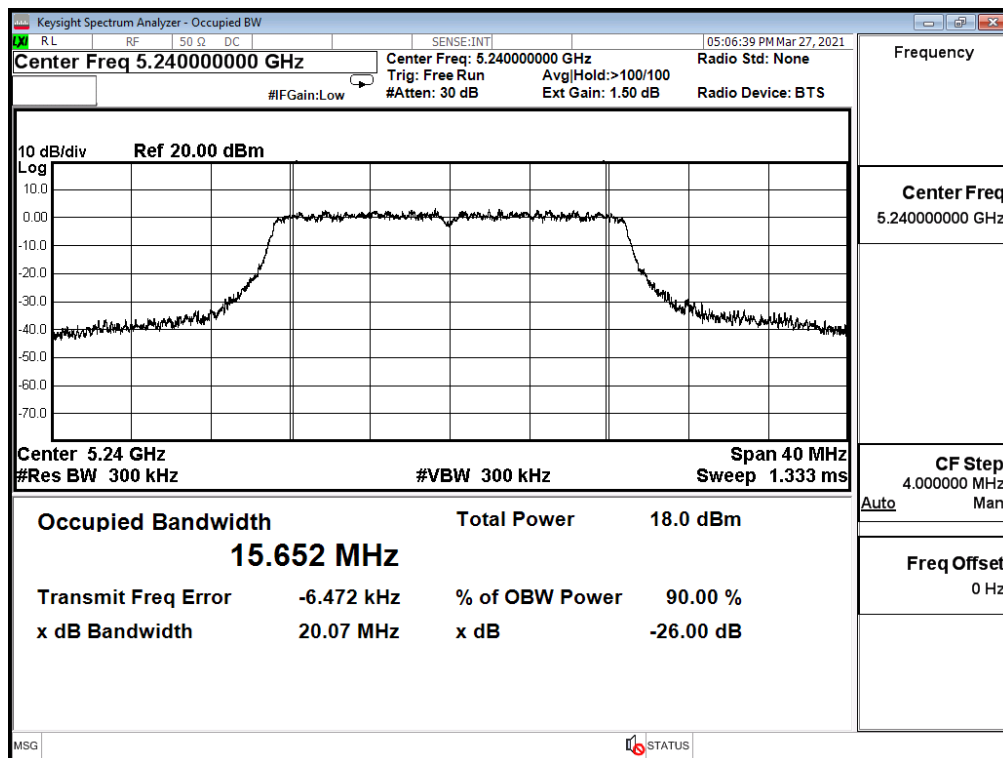
5220MHz_Ant.1



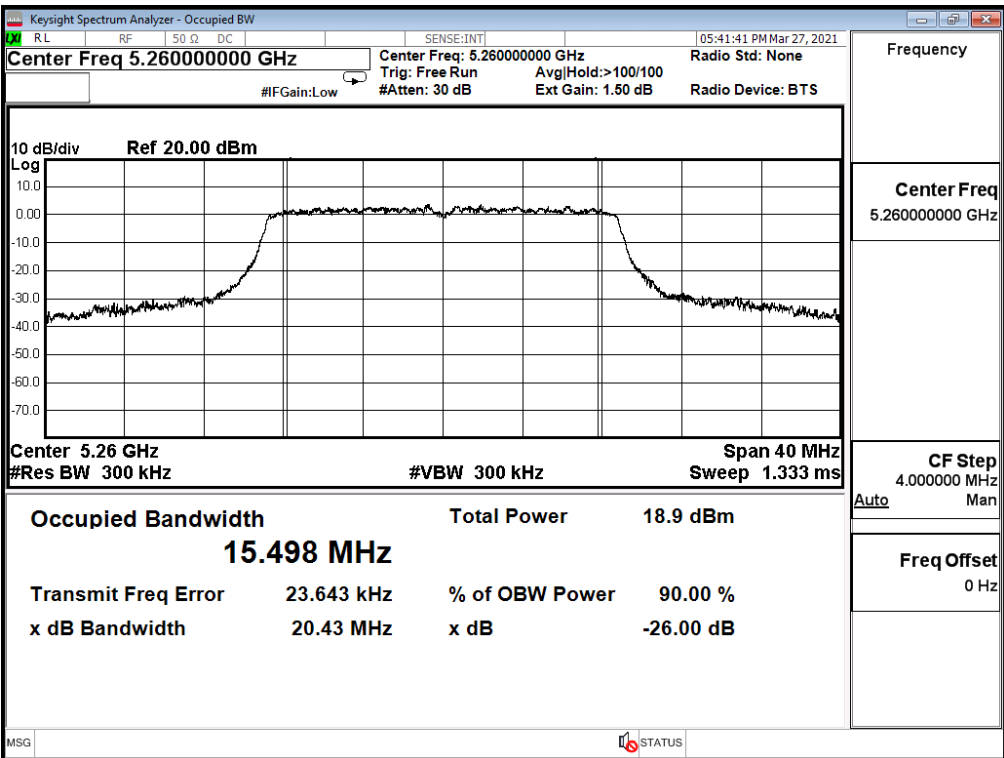
5240MHz_Ant.0



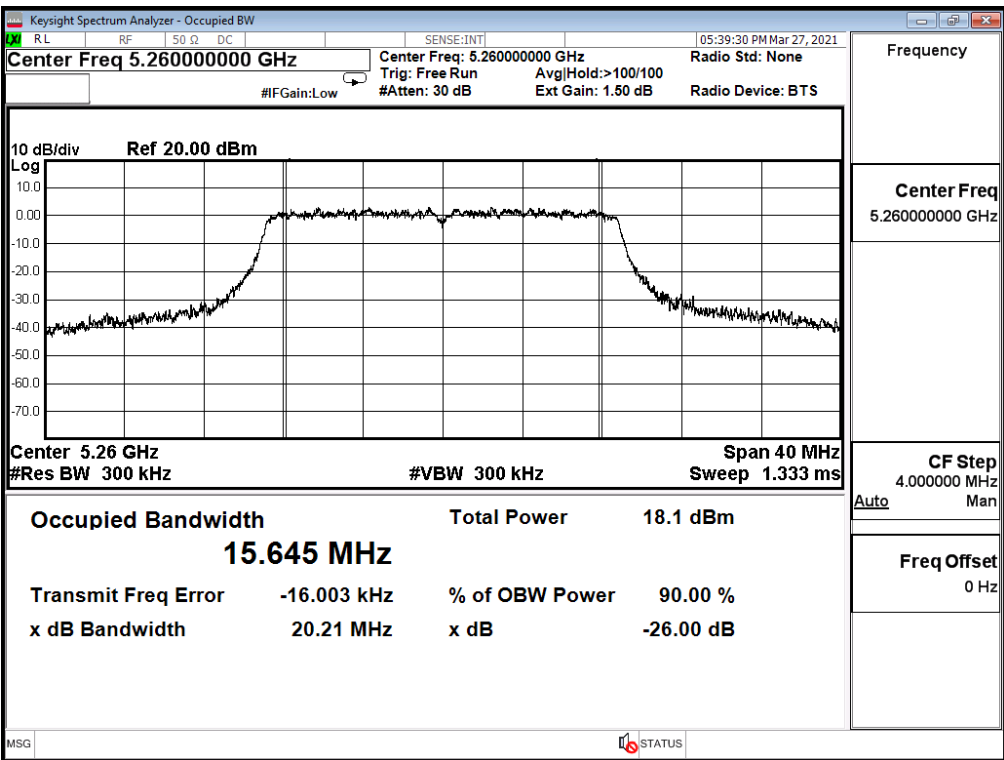
5240MHz_Ant.1



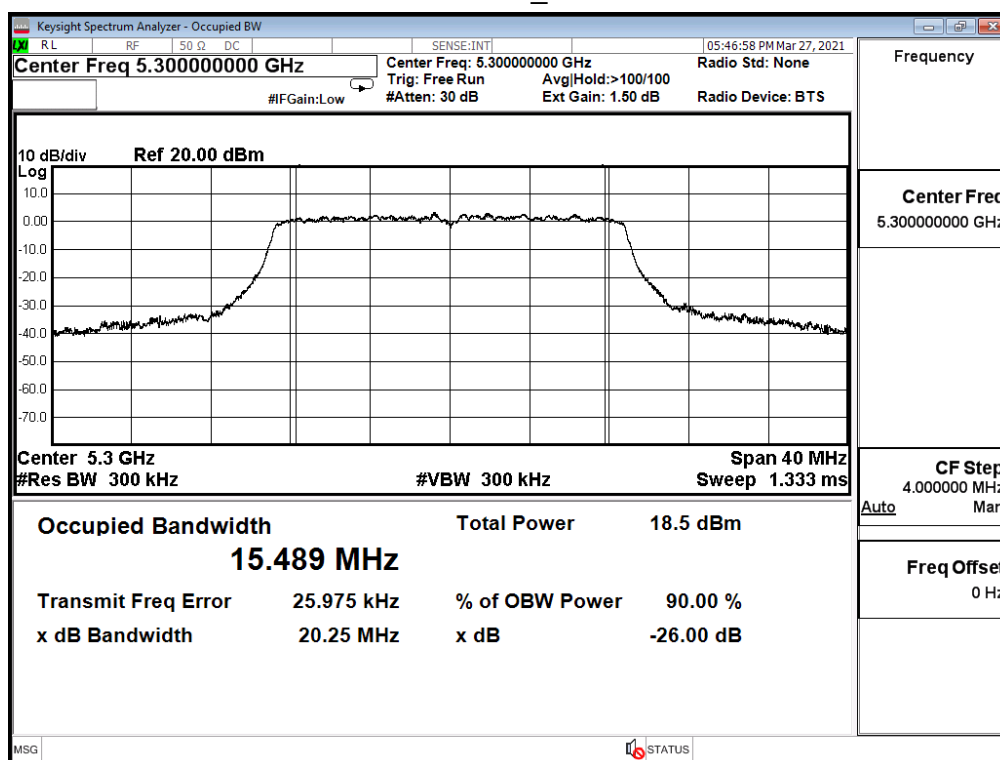
5260MHz_Ant.0



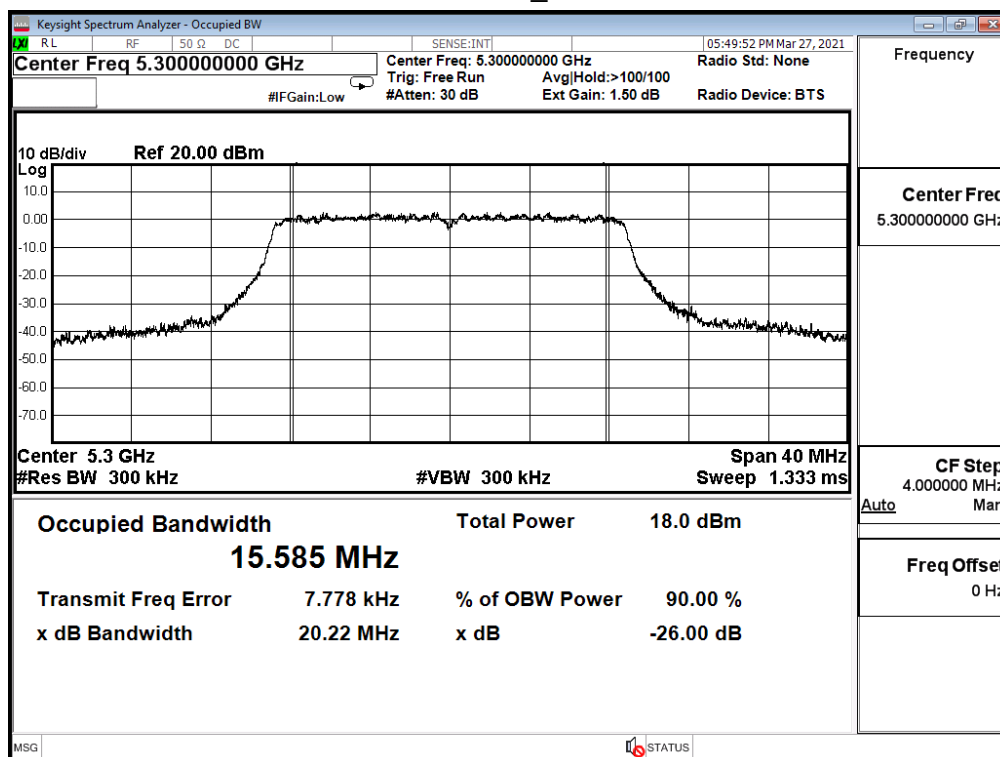
5260MHz_Ant.1



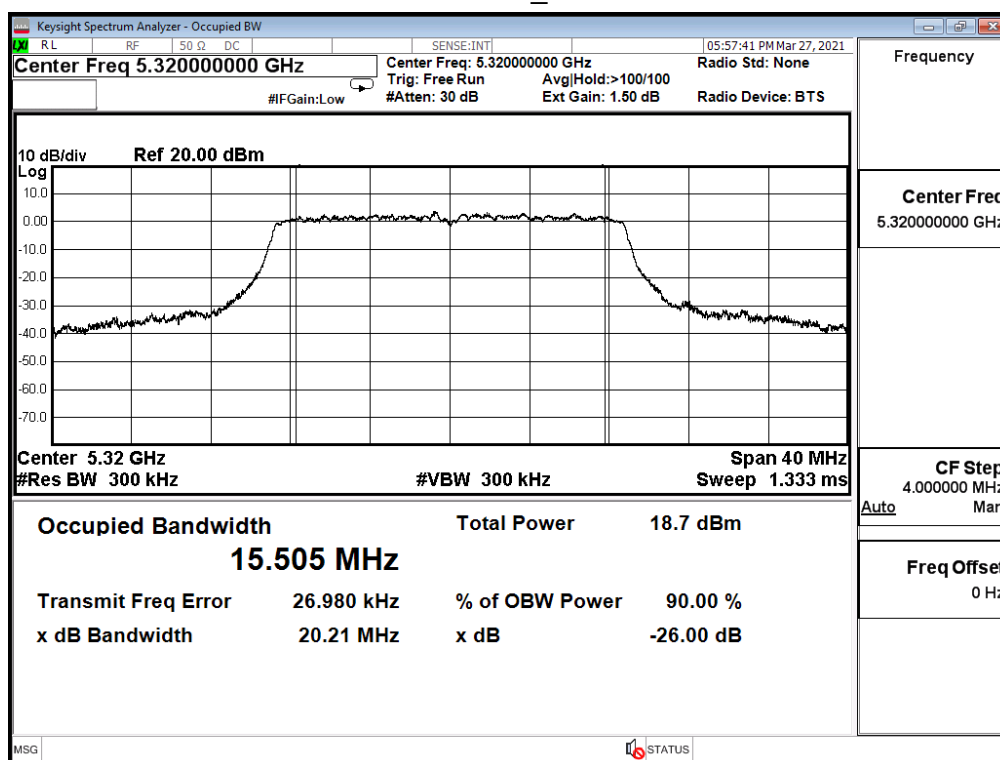
5300MHz_Ant.0



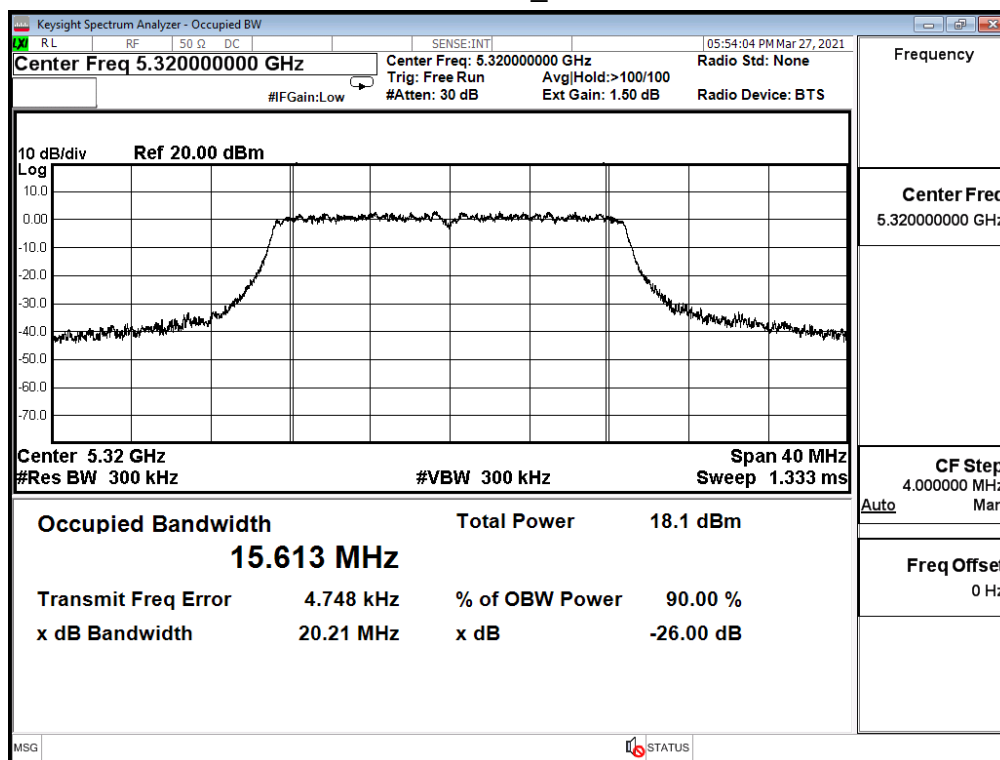
5300MHz_Ant.1



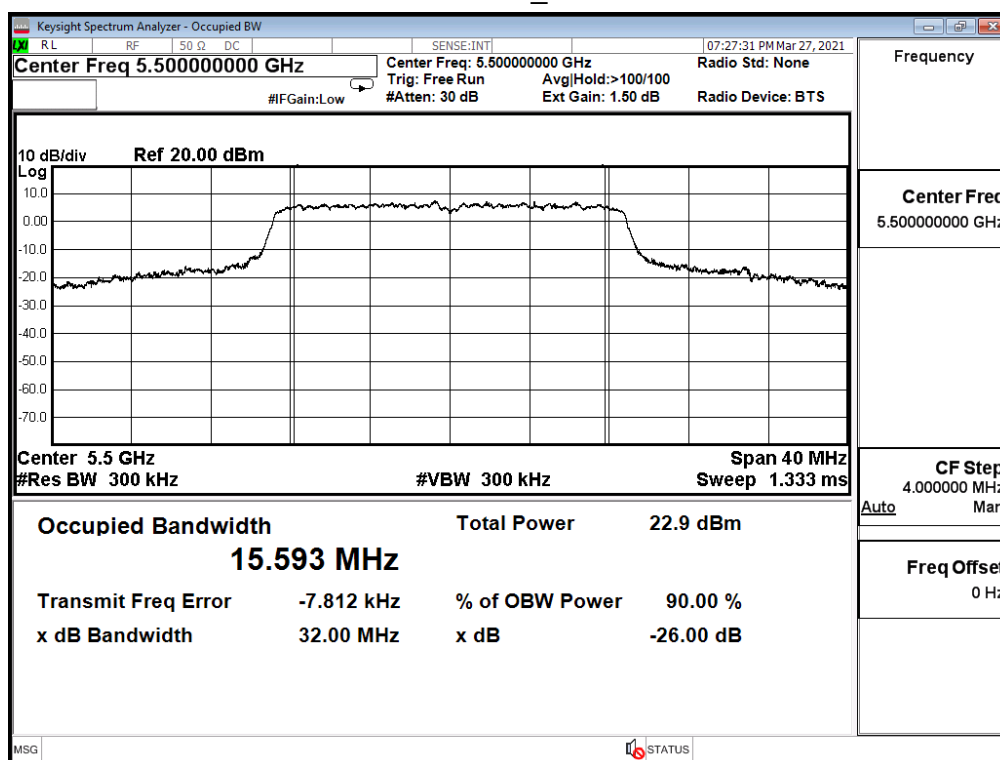
5320MHz_Ant.0



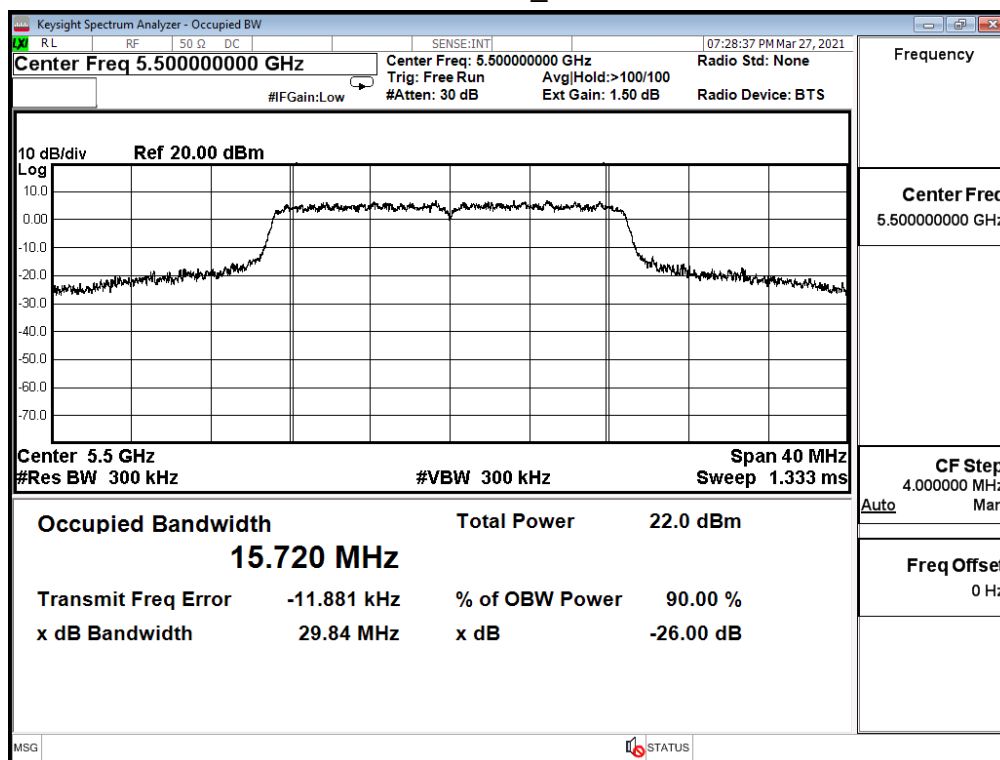
5320MHz_Ant.1



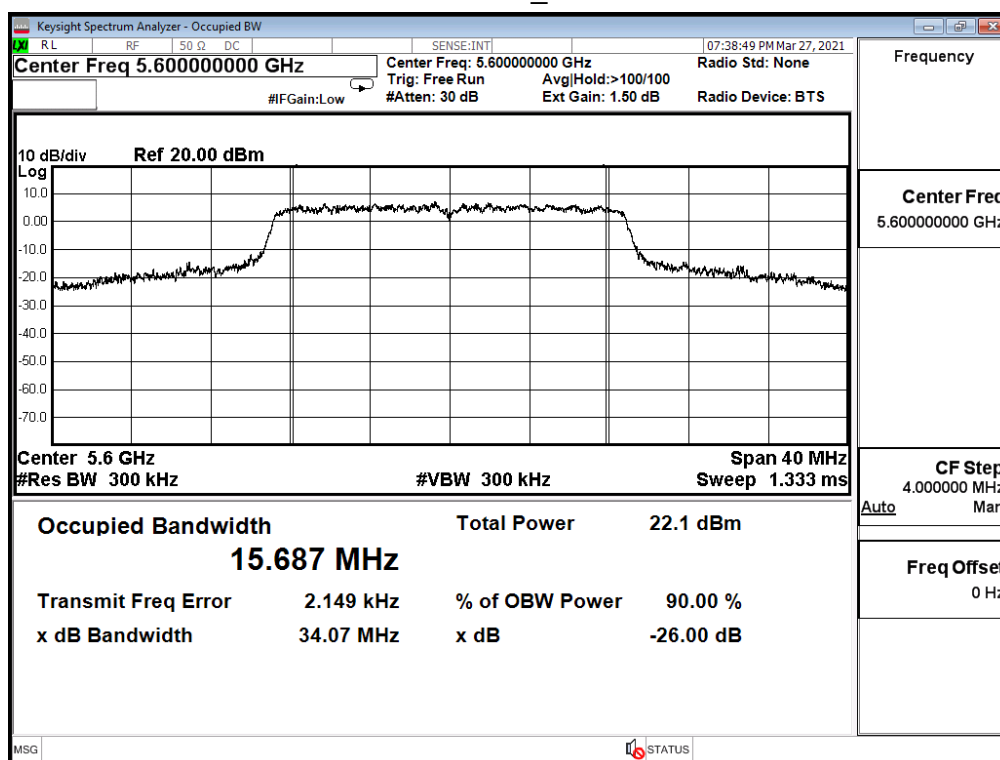
5500MHz_Ant.0



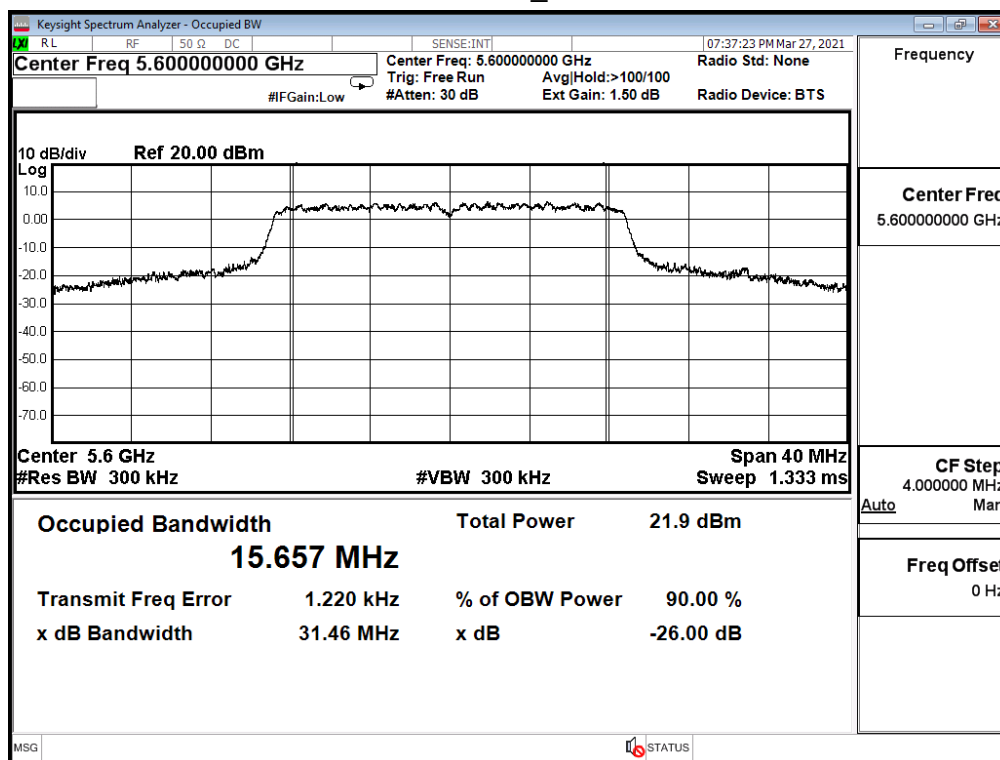
5500MHz_Ant.1



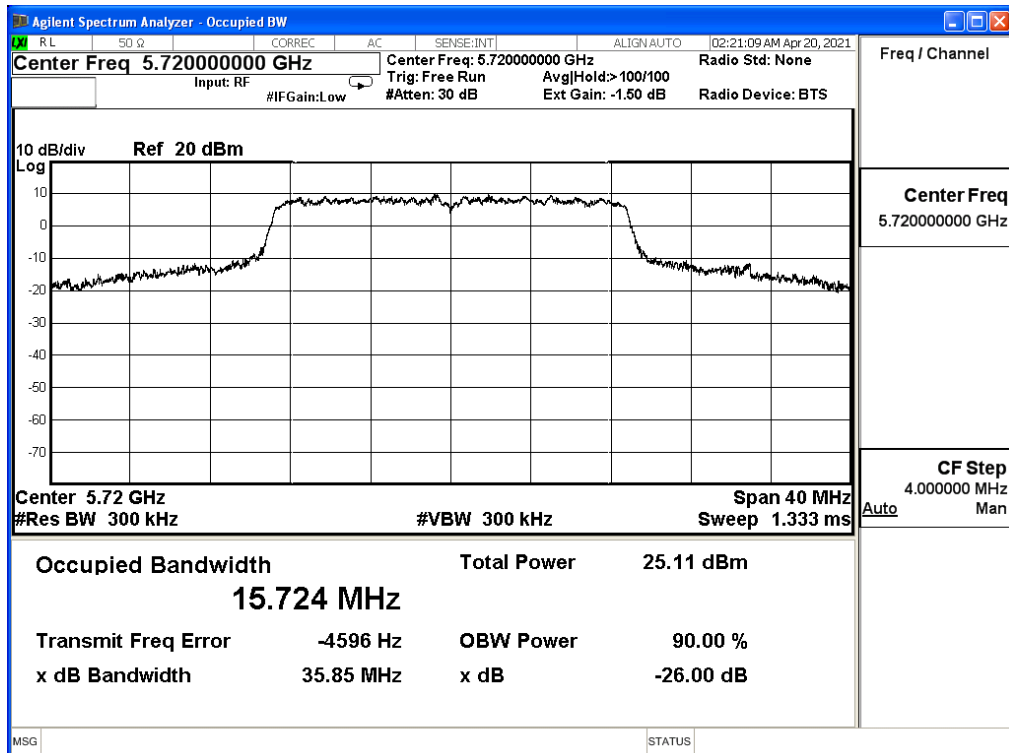
5600MHz_Ant.0



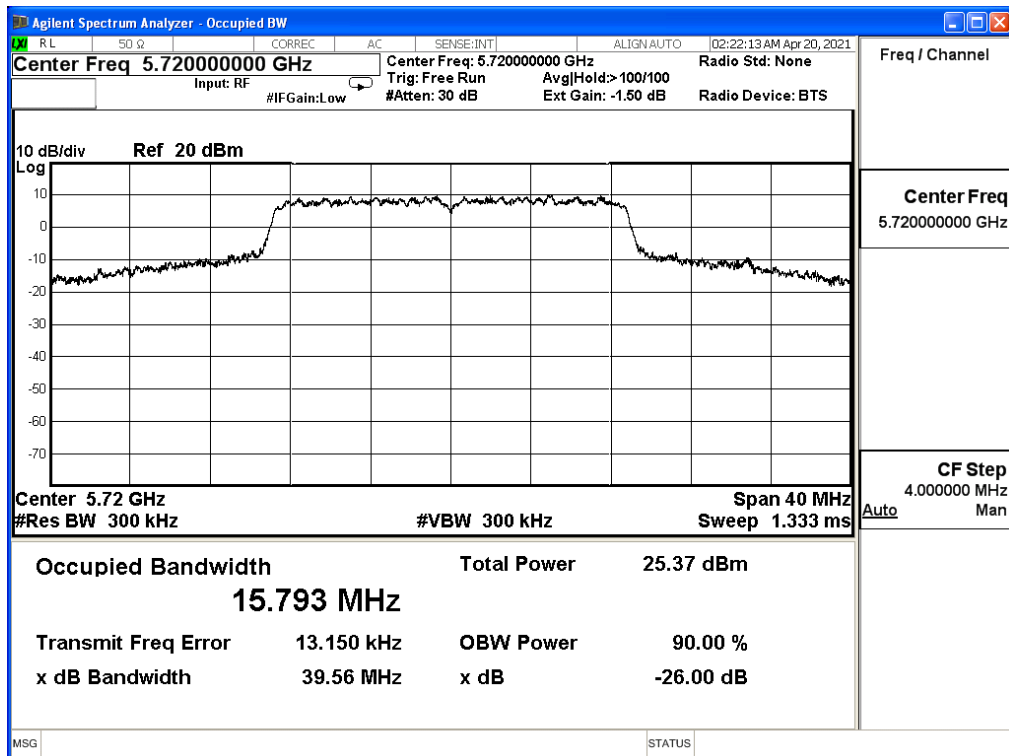
5600MHz_Ant.1



5720MHz_Ant.0



5720MHz_Ant.1

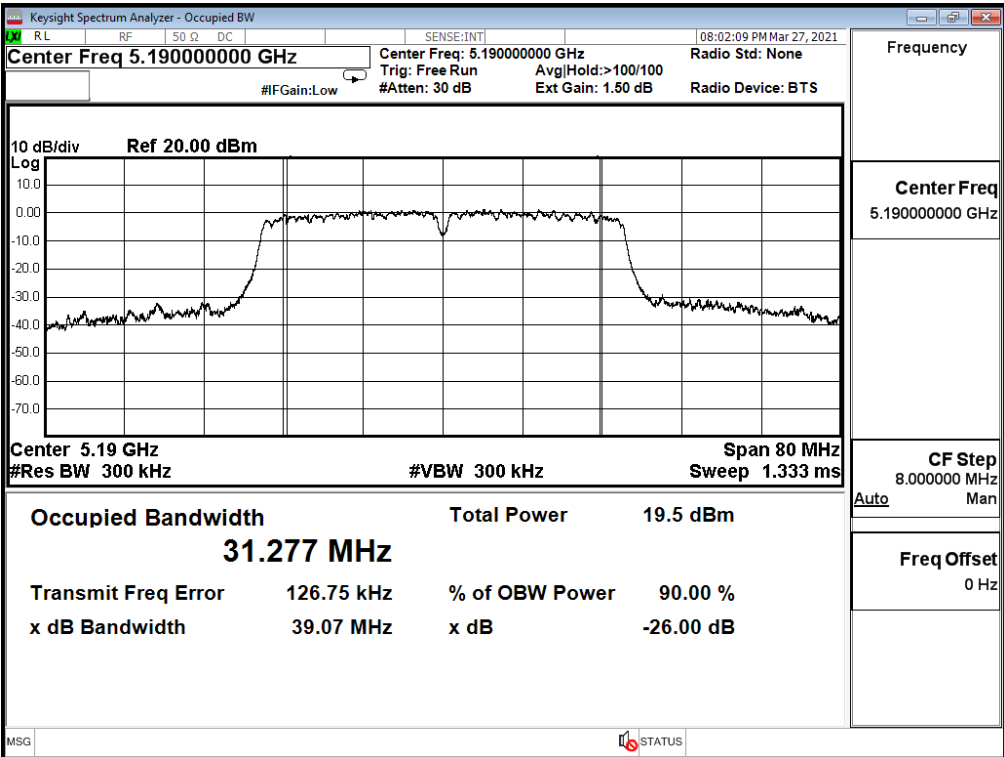


Product	Wireless LAN Access Point		
Test Item	Spread Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

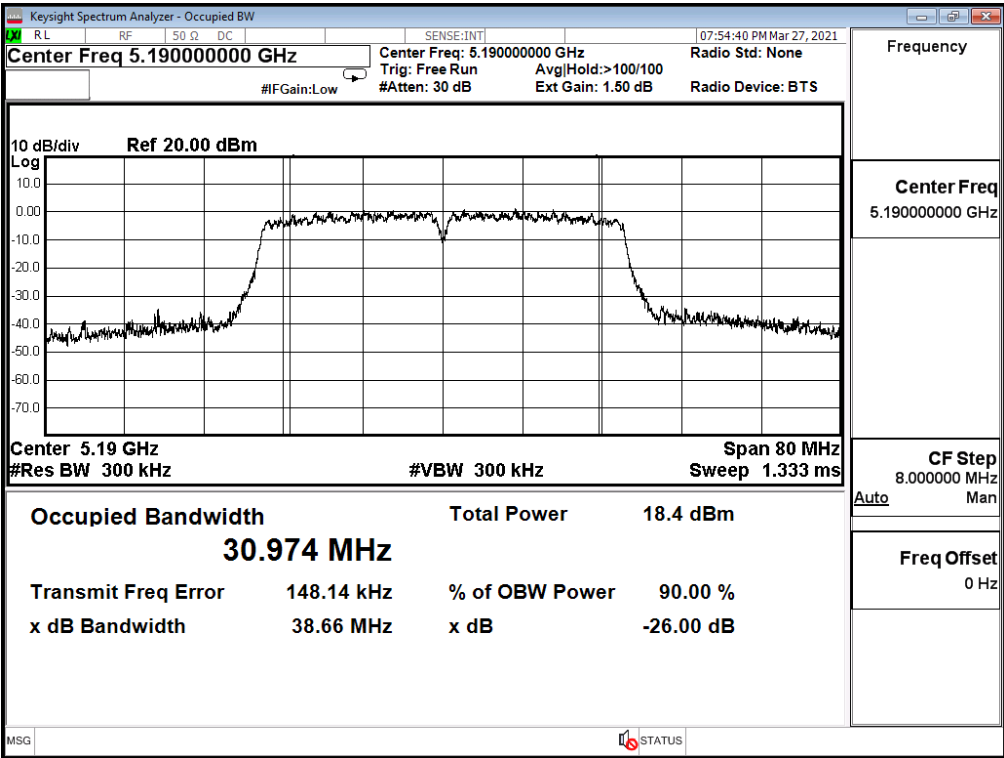
Test Mode: 802.11ac(40MHz)

Frequency (MHz)	Reading Value (MHz)		Limit (MHz)
	Ant.0	Ant.1	
5190	31.277	30.974	≥ 500
5230	31.126	31.239	≥ 500
5270	31.174	31.233	≥ 500
5310	31.120	31.284	≥ 500
5510	31.178	31.118	≥ 500
5590	31.544	31.516	≥ 500
5710	31.383	31.398	≥ 500

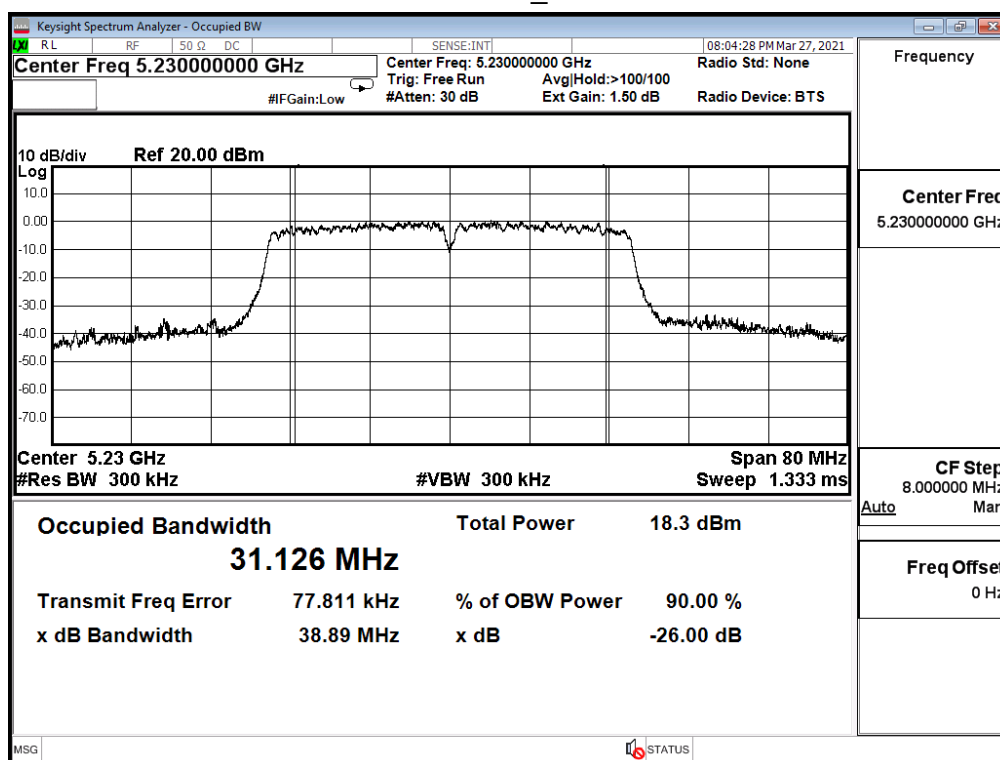
5190MHz_Ant.0



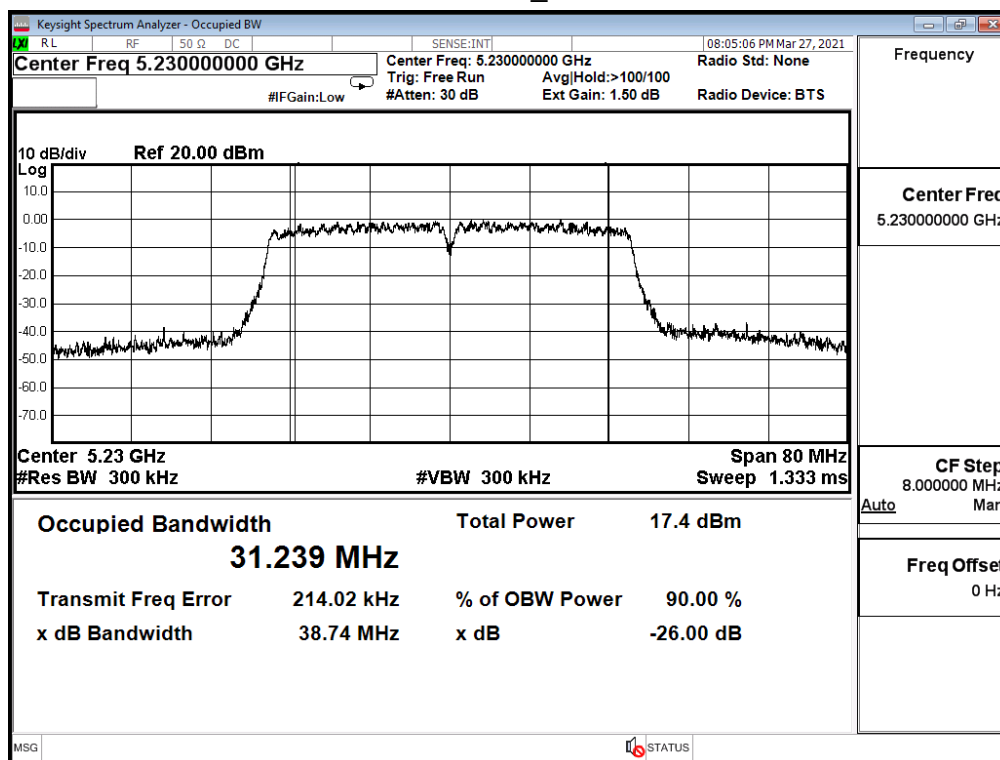
5190MHz_Ant.1



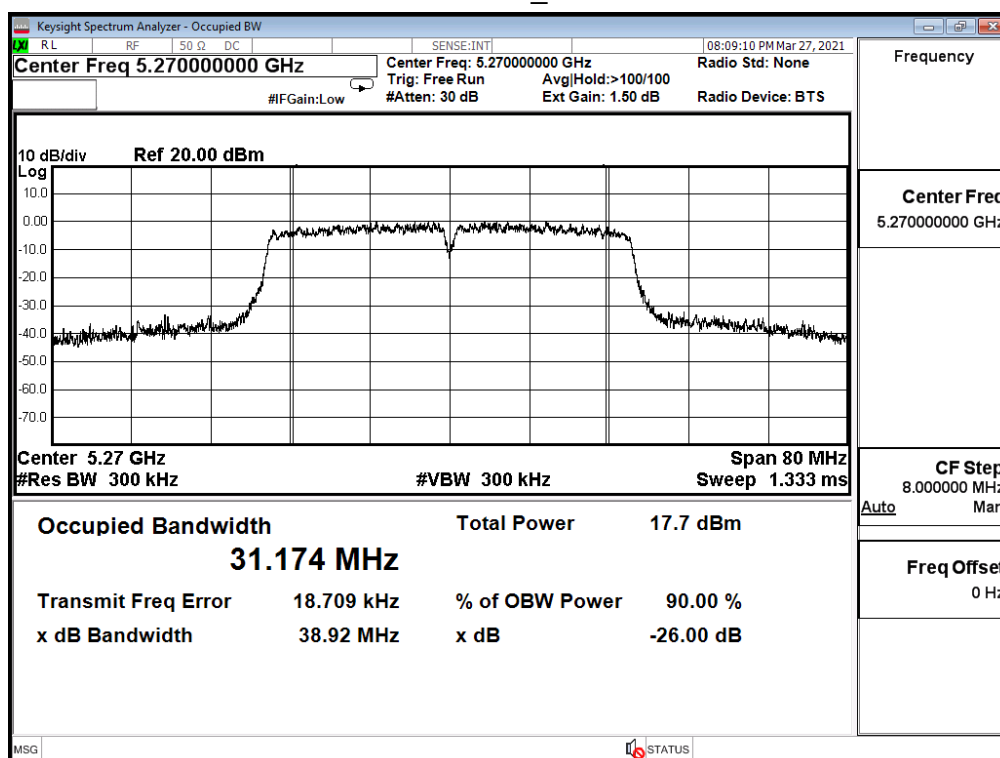
5230MHz_Ant.0



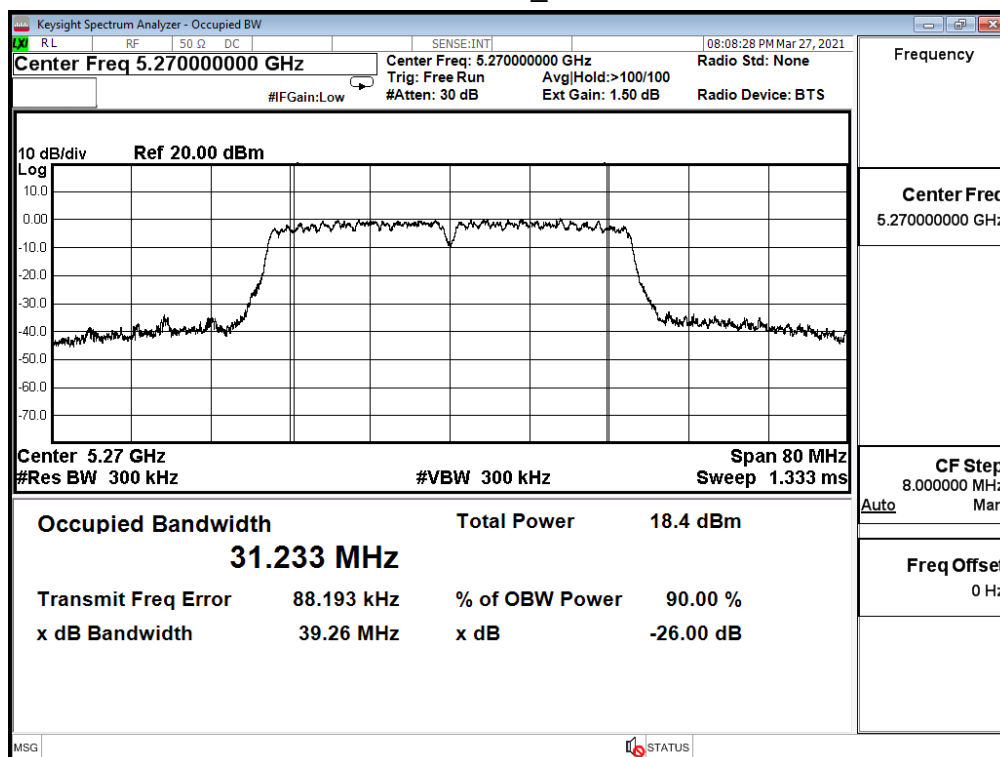
5230MHz_Ant.1



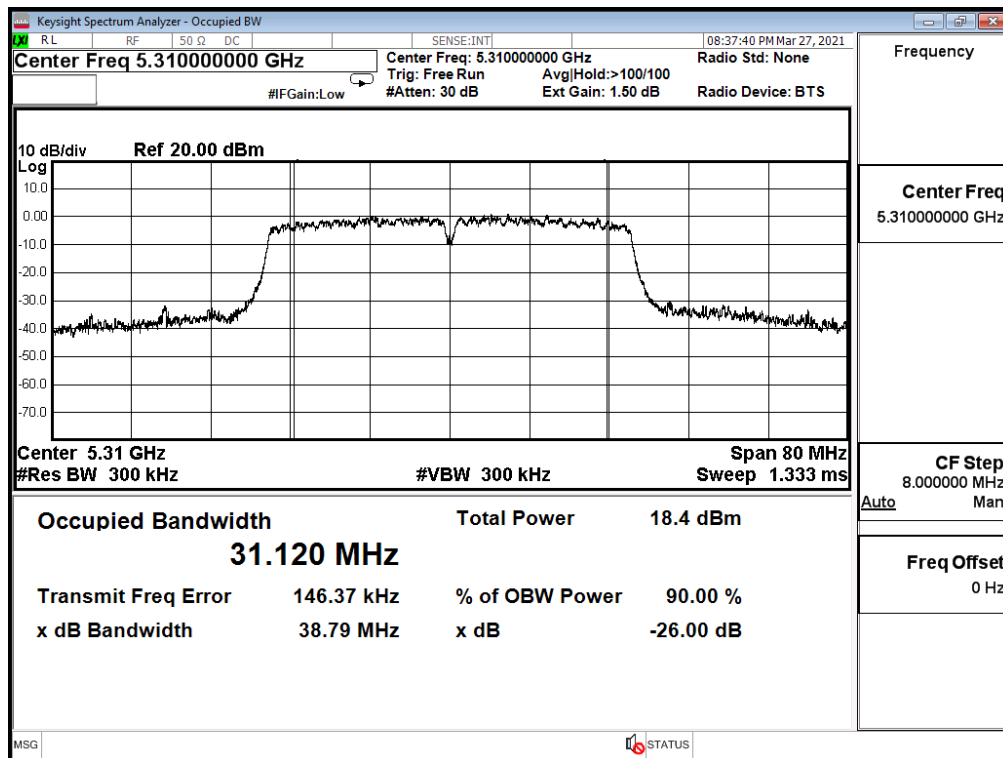
5270MHz_Ant.0



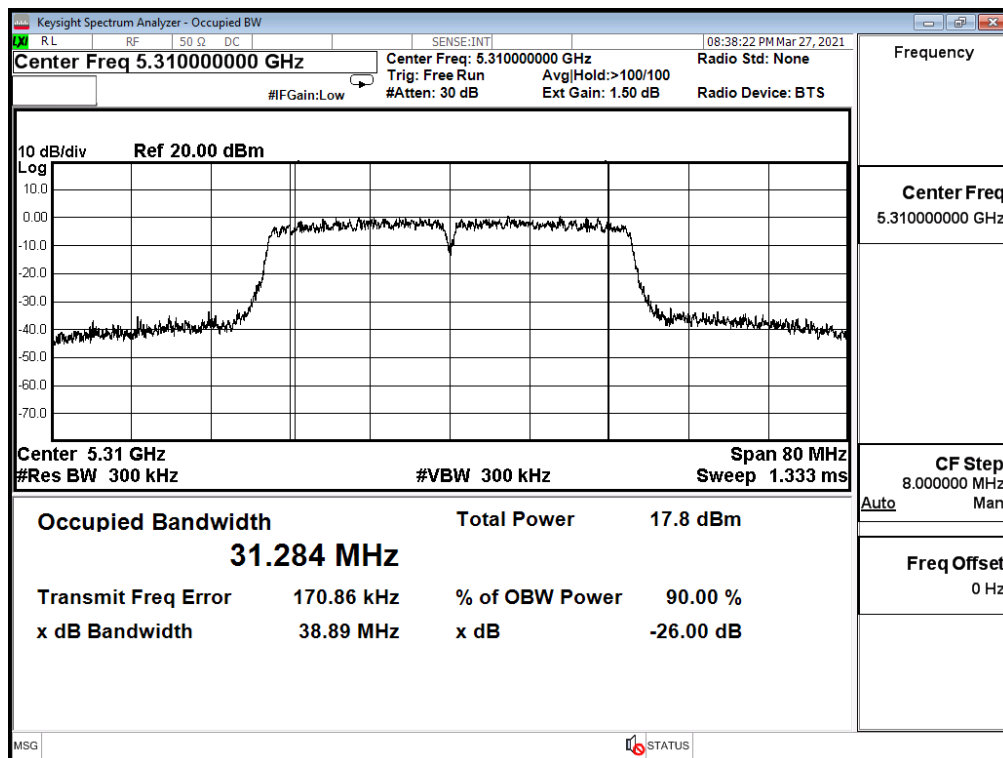
5270MHz_Ant.1



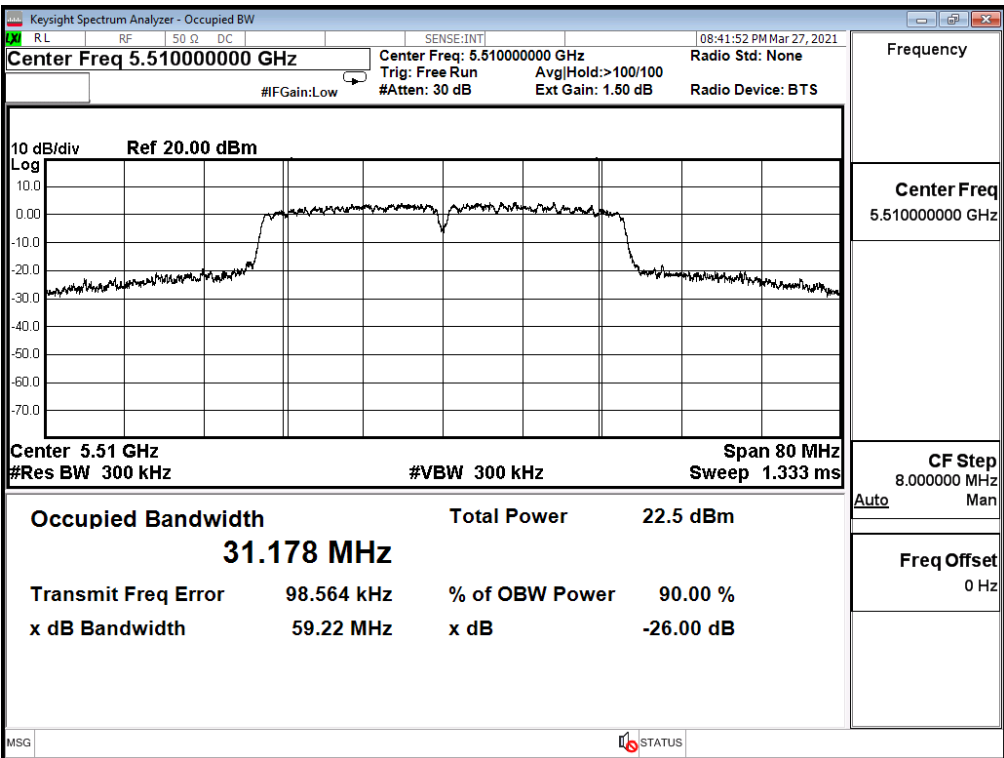
5310MHz_Ant.0



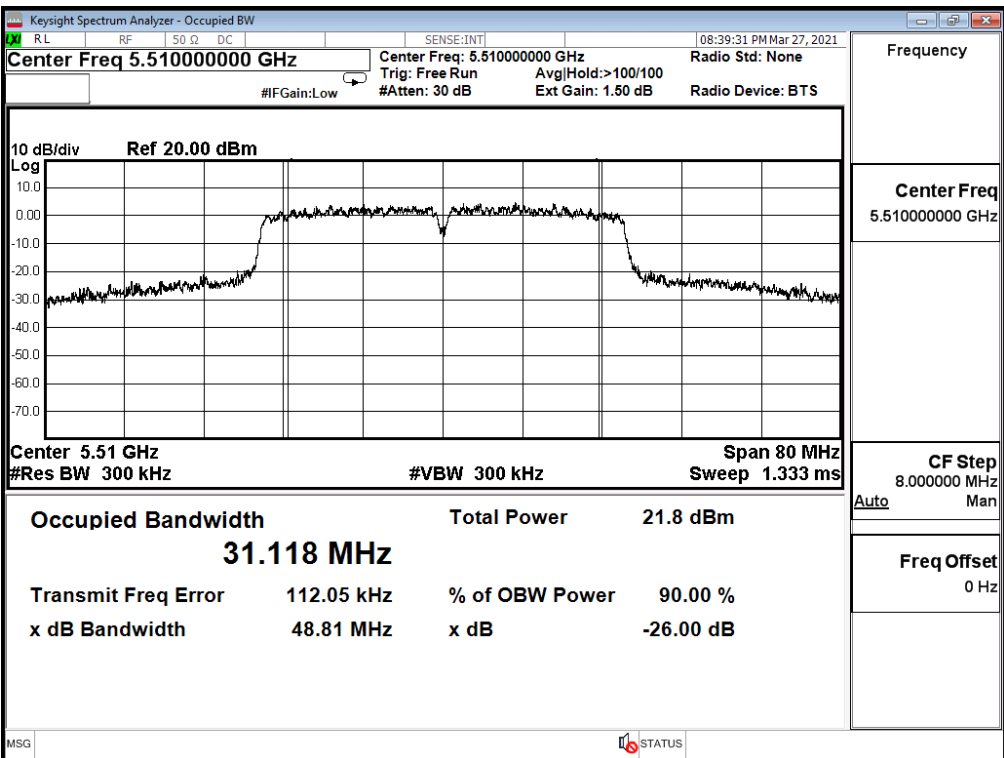
5310MHz_Ant.1



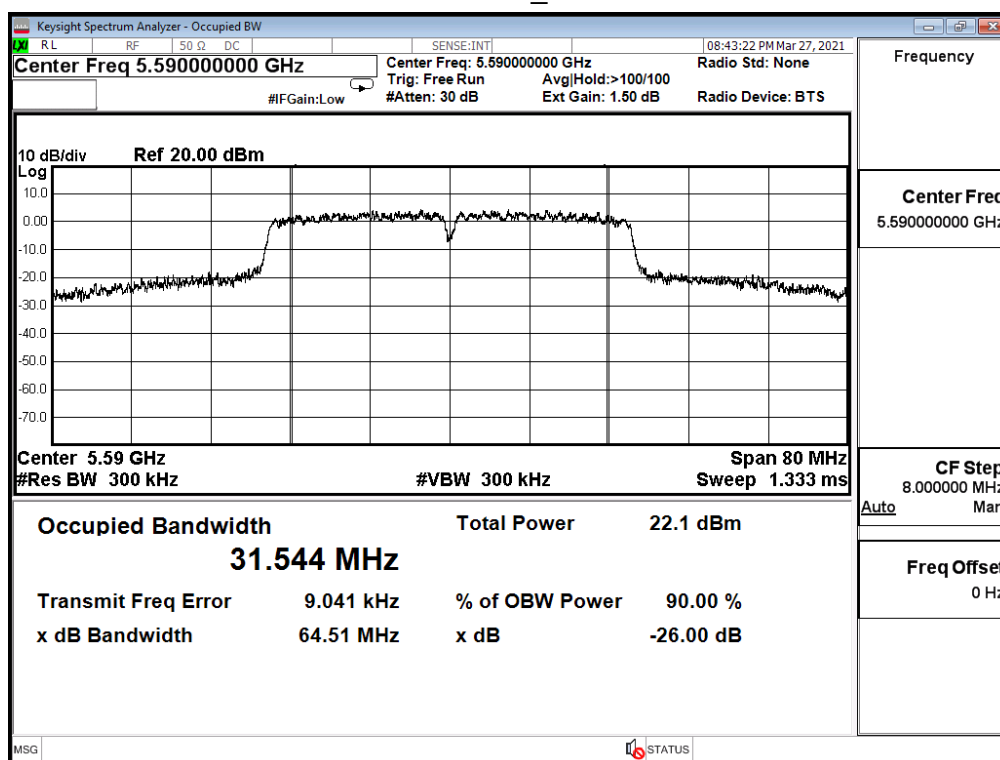
5510MHz_Ant.0



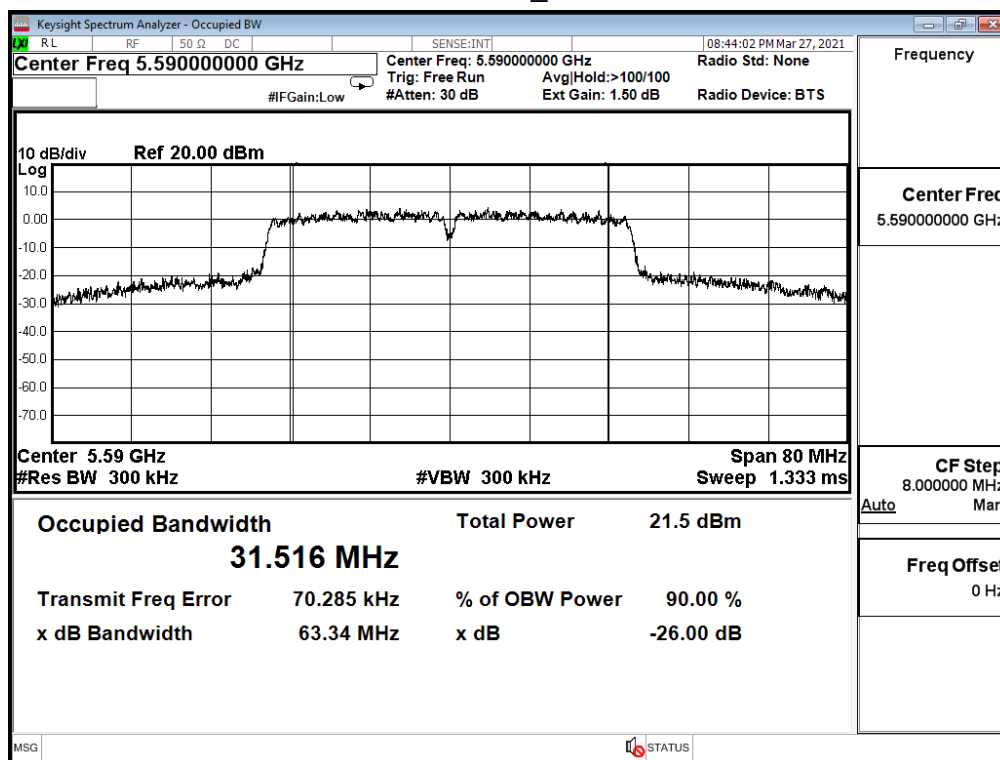
5510MHz_Ant.1



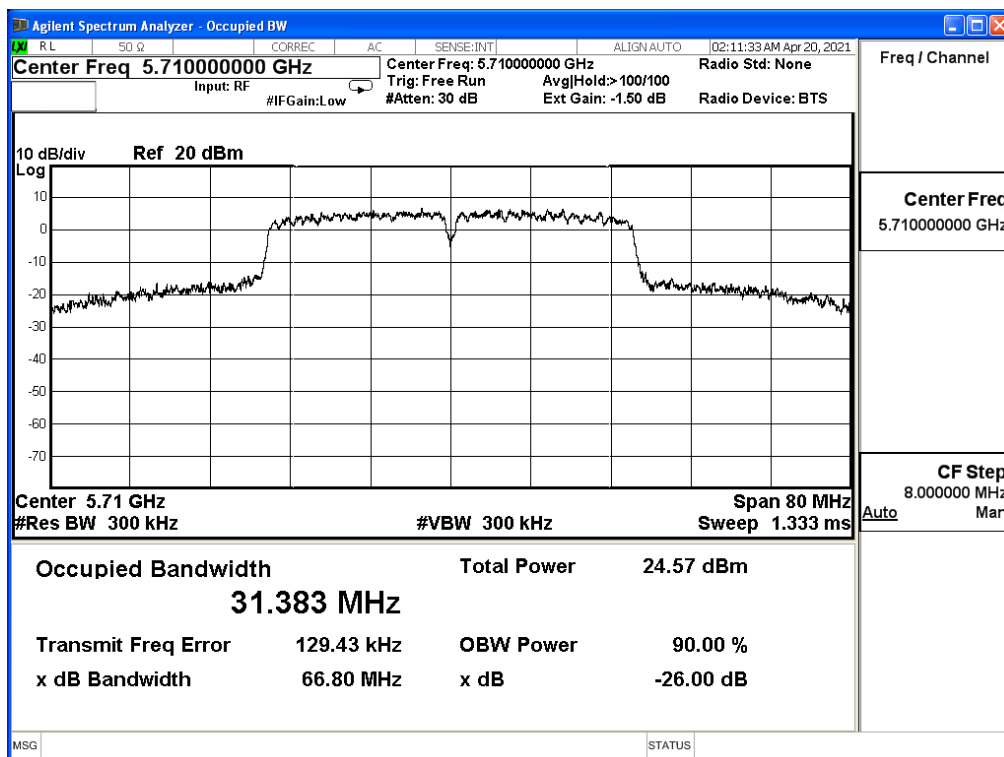
5590MHz_Ant.0



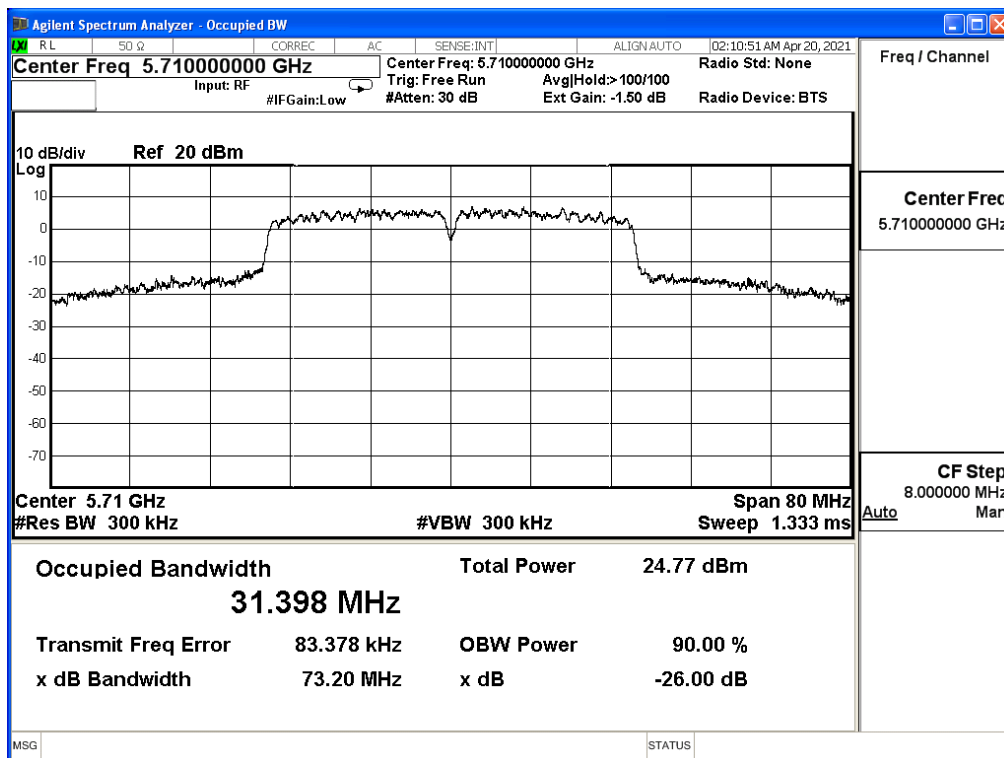
5590MHz_Ant.1



5710MHz_Ant.0



5710MHz_Ant.1

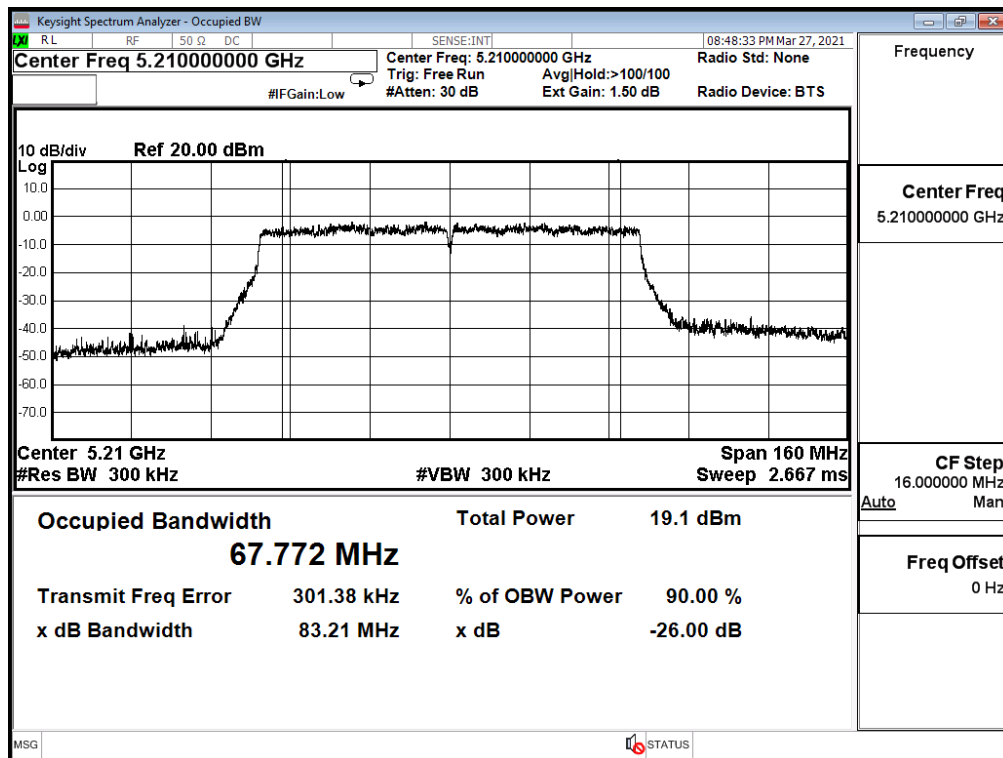


Product	Wireless LAN Access Point		
Test Item	Spread Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

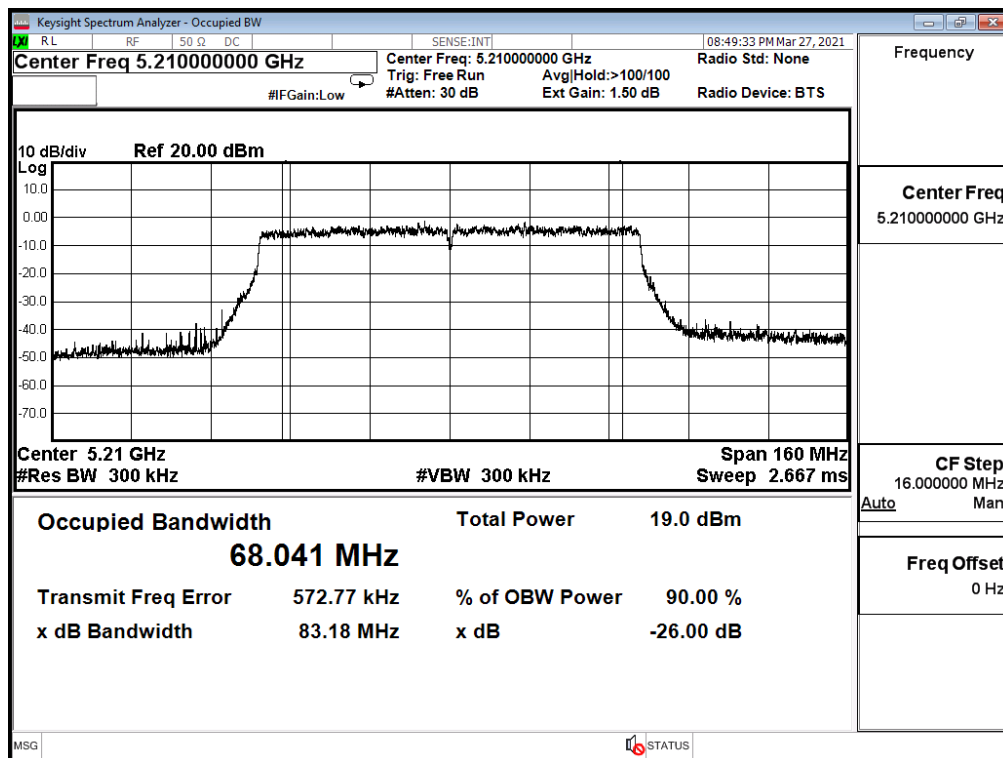
Test Mode: 802.11ac(80MHz)

Frequency (MHz)	Reading Value (MHz)		Limit (MHz)
	Ant.0	Ant.1	
5210	67.772	68.041	≥ 500
5290	67.968	67.853	≥ 500
5530	67.907	67.824	≥ 500
5610	68.254	68.214	≥ 500
5690	68.002	67.952	≥ 500

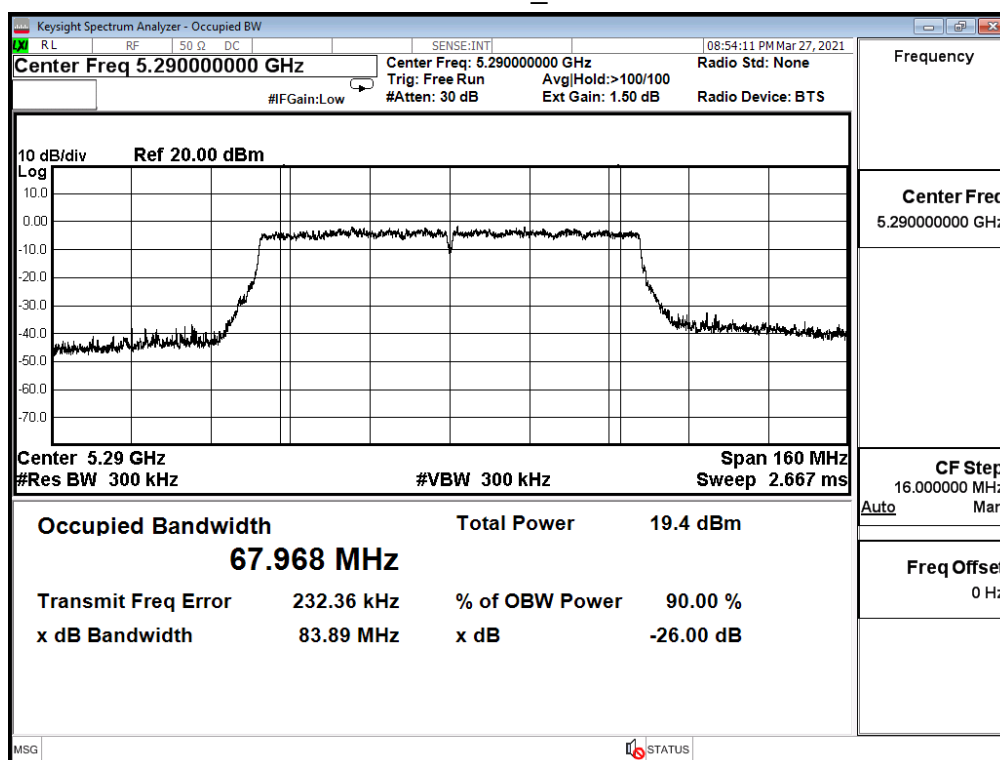
5210MHz_Ant.0



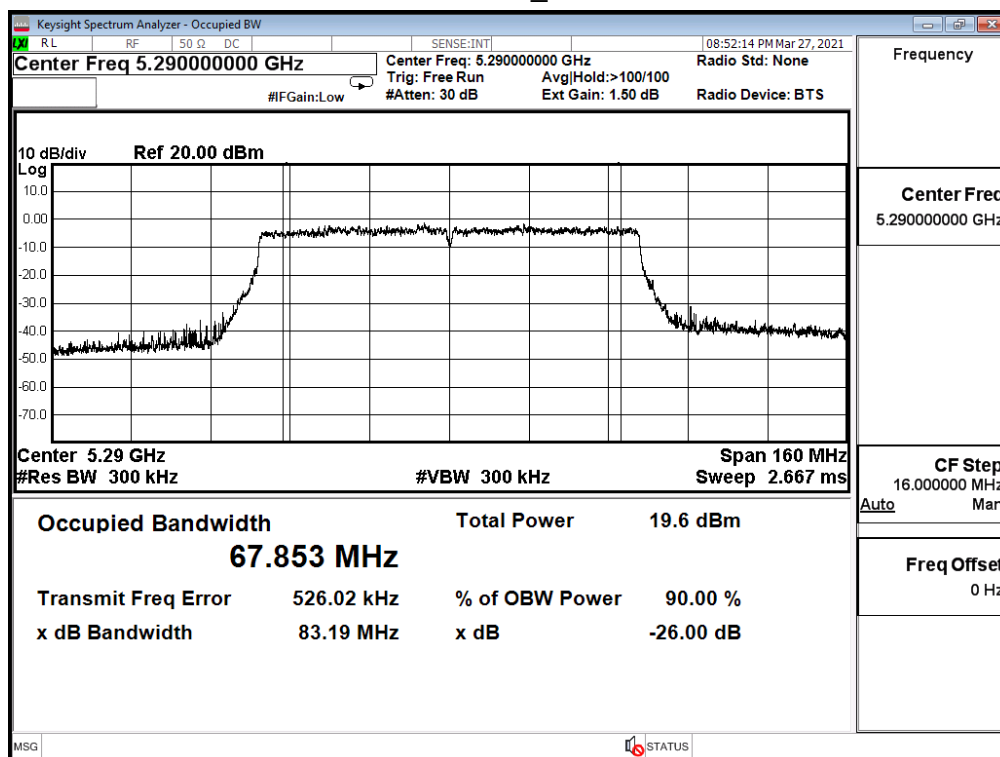
5210MHz_Ant.1



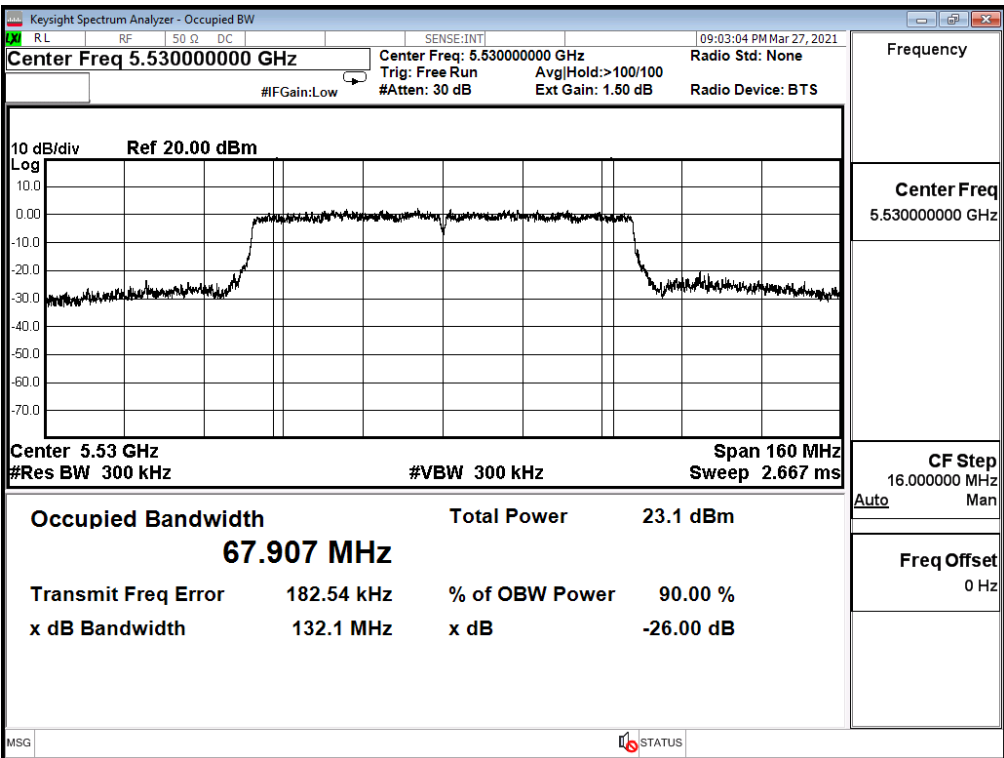
5290MHz_Ant.0



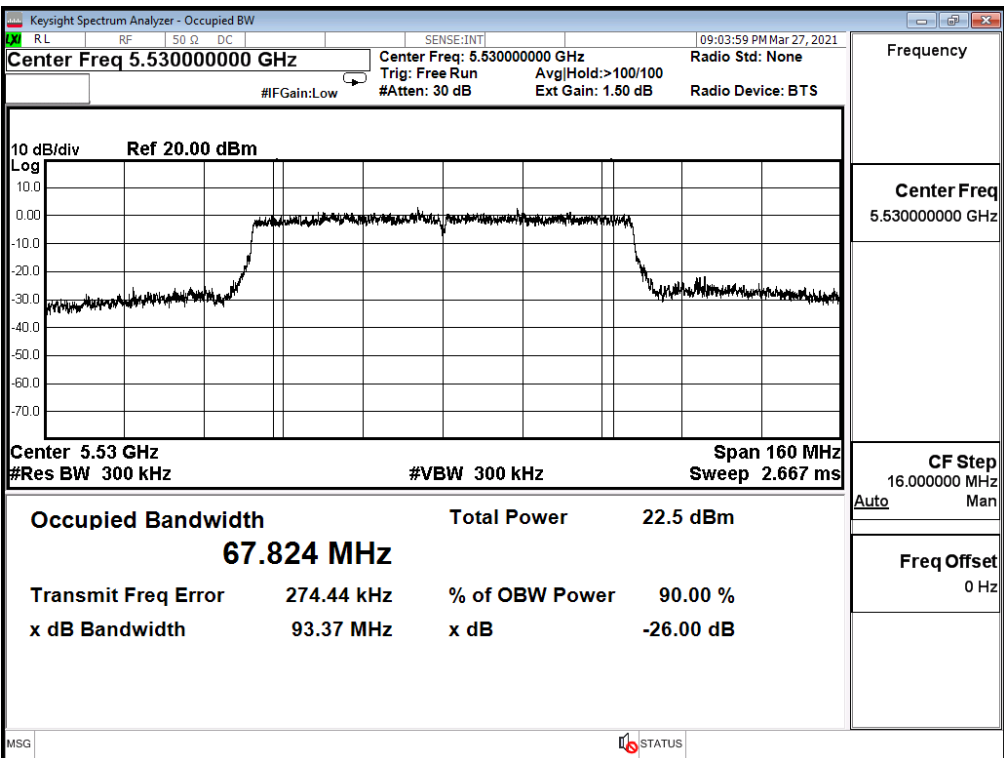
5290MHz_Ant.1



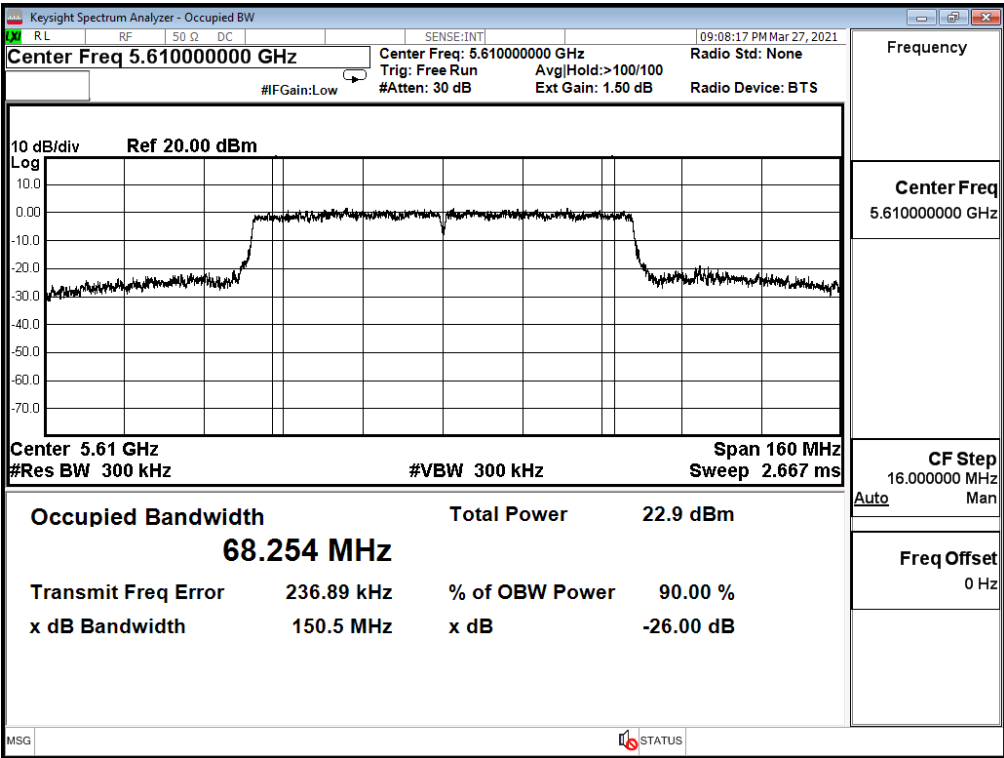
5530MHz_Ant.0



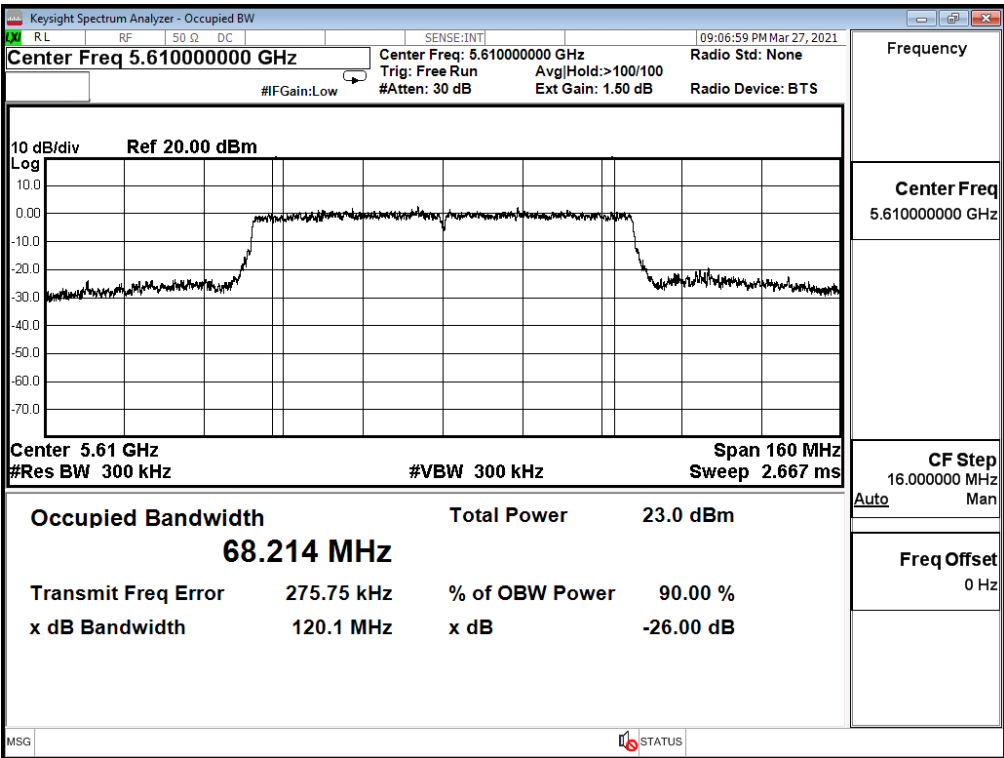
5530MHz_Ant.1



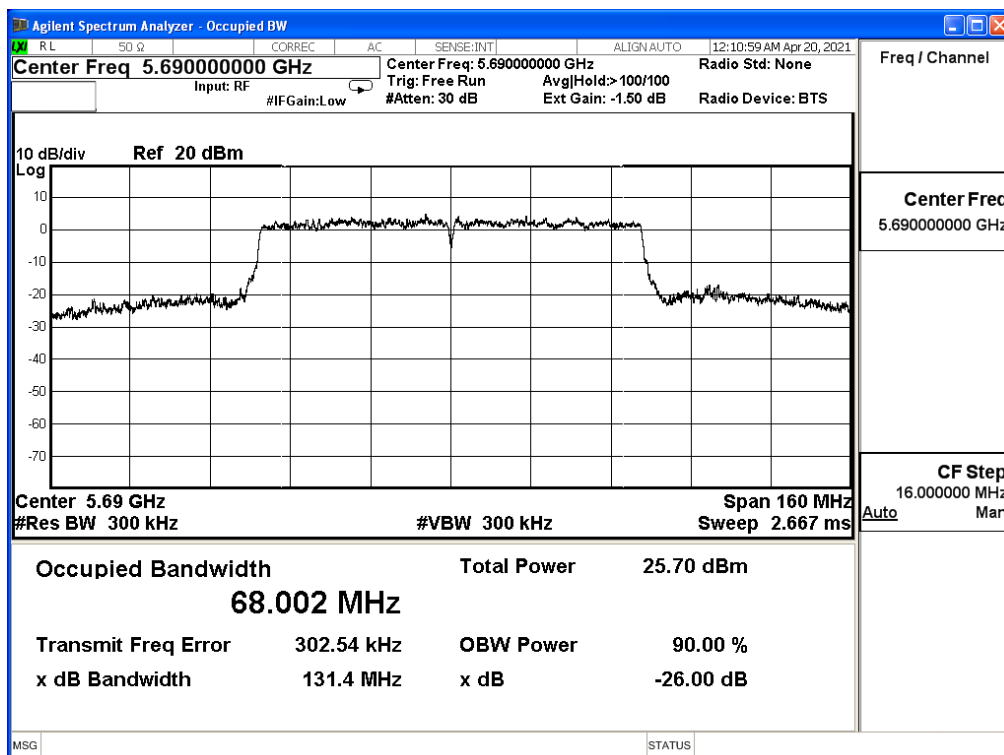
5610MHz_Ant.0



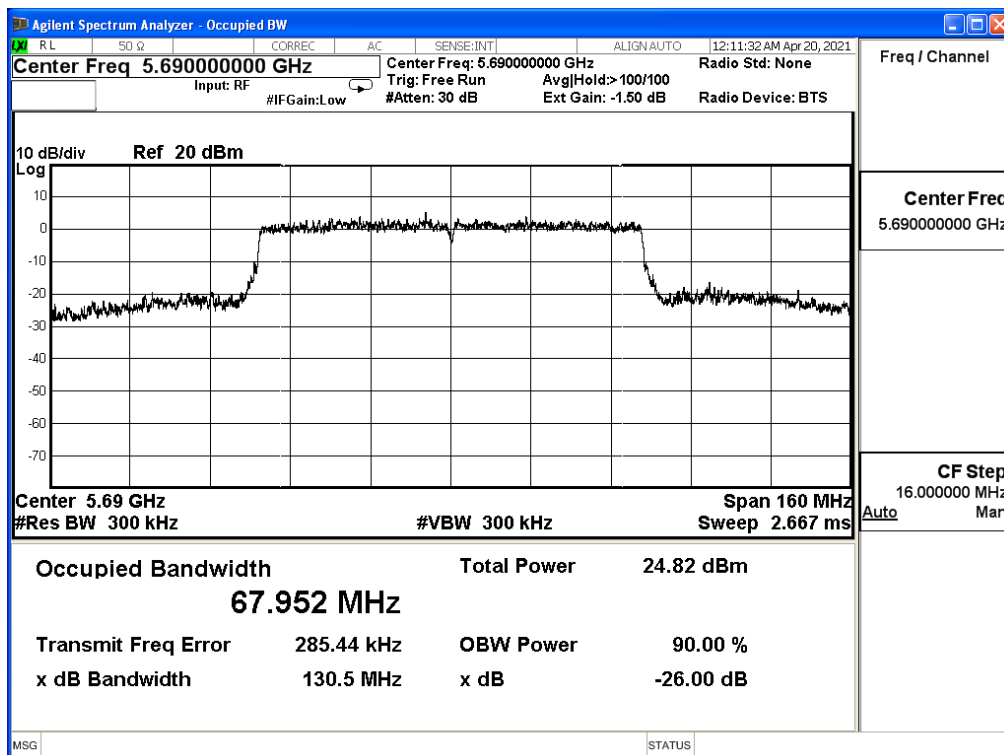
5610MHz_Ant.1



5690MHz_Ant.0



5690MHz_Ant.1



3.5. Test Result of Spread Factor

Product	Wireless LAN Access Point		
Test Item	Spread Factor		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: 802.11a. ANT0				
Frequency (MHz)	Spread Bandwidth (MHz)	Transmission Rate	Spread Factor	Limit
5180	14.591	1.375	10.612	≥ 5
5220	14.500	1.375	10.545	≥ 5
5240	14.476	1.375	10.528	≥ 5
5260	14.473	1.375	10.526	≥ 5
5300	14.540	1.375	10.575	≥ 5
5320	14.573	1.375	10.599	≥ 5
5500	14.630	1.375	10.640	≥ 5
5600	14.646	1.375	10.652	≥ 5
5720	14.661	1.375	10.663	≥ 5

Test Mode: 802.11a. ANT1				
Frequency (MHz)	Spread Bandwidth (MHz)	Transmission Rate	Spread Factor	Limit
5180	14.634	1.375	10.643	≥ 5
5220	14.601	1.375	10.619	≥ 5
5240	14.570	1.375	10.596	≥ 5
5260	14.551	1.375	10.583	≥ 5
5300	14.526	1.375	10.564	≥ 5
5320	14.517	1.375	10.558	≥ 5
5500	14.667	1.375	10.667	≥ 5
5600	14.753	1.375	10.729	≥ 5
5720	14.697	1.375	10.689	≥ 5

Calculation Method: Spread Factor

= (SBW)/ (Frequency equal to the transmission rate of the modulation signal)

= (SBW)/ (1.375Mbps)

Product	Wireless LAN Access Point		
Test Item	Spread Factor		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: 802.11ac (20MHz), ANT0

Cable Loss= 1.5dB

Frequency (MHz)	Spread Bandwidth (MHz)	Transmission Rate	Spread Factor	Limit
5180	15.520	1.375	11.287	≥5
5220	15.554	1.375	11.312	≥5
5240	15.509	1.375	11.279	≥5
5260	15.498	1.375	11.271	≥5
5300	15.489	1.375	11.265	≥5
5320	15.505	1.375	11.276	≥5
5500	15.593	1.375	11.340	≥5
5600	15.687	1.375	11.409	≥5
5720	15.724	1.375	11.436	≥5

Test Mode: 802.11ac (20MHz), ANT1

Cable Loss= 1.5dB

Frequency (MHz)	Spread Bandwidth (MHz)	Transmission Rate	Spread Factor	Limit
5180	15.585	1.375	11.335	≥5
5220	15.582	1.375	11.332	≥5
5240	15.652	1.375	11.383	≥5
5260	15.645	1.375	11.378	≥5
5300	15.585	1.375	11.335	≥5
5320	15.613	1.375	11.355	≥5
5500	15.720	1.375	11.433	≥5
5600	15.657	1.375	11.387	≥5
5720	15.793	1.375	11.486	≥5

Calculation Method: Spread Factor

= (SBW)/ (Frequency equal to the transmission rate of the modulation signal)

= (SBW)/ (1.375Mbps)

Product	Wireless LAN Access Point		
Test Item	Spread Factor		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: 802.11ac (40MHz), ANT0				
Cable Loss= 1.5dB				
Frequency (MHz)	Spread Bandwidth (MHz)	Transmission Rate	Spread Factor	Limit
5190	31.277	1.375	22.747	≥ 5
5230	31.126	1.375	22.637	≥ 5
5270	31.174	1.375	22.672	≥ 5
5310	31.120	1.375	22.633	≥ 5
5510	31.178	1.375	22.675	≥ 5
5590	31.544	1.375	22.941	≥ 5
5710	31.383	1.375	22.824	≥ 5

Test Mode: 802.11ac (40MHz), ANT1				
Cable Loss= 1.5dB				
Frequency (MHz)	Spread Bandwidth (MHz)	Transmission Rate	Spread Factor	Limit
5190	30.974	1.375	22.527	≥ 5
5230	31.239	1.375	22.719	≥ 5
5270	31.233	1.375	22.715	≥ 5
5310	31.284	1.375	22.752	≥ 5
5510	31.118	1.375	22.631	≥ 5
5590	31.516	1.375	22.921	≥ 5
5710	31.398	1.375	22.835	≥ 5

Calculation Method: Spread Factor

= (SBW)/ (Frequency equal to the transmission rate of the modulation signal)

= (SBW)/ (1.375Mbps)

Product	Wireless LAN Access Point		
Test Item	Spread Factor		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: IEEE 802.11ac (80MHz), ANT0				
Cable Loss= 1.5dB				
Frequency (MHz)	Spread Bandwidth (MHz)	Transmission Rate	Spread Factor	Limit
5210	67.772	1.375	49.289	≥ 5
5290	67.968	1.375	49.431	≥ 5
5530	67.907	1.375	49.387	≥ 5
5610	68.254	1.375	49.639	≥ 5
5690	68.002	1.375	49.456	≥ 5

Test Mode: IEEE 802.11ac (80MHz), ANT1				
Cable Loss= 1.5dB				
Frequency (MHz)	Spread Bandwidth (MHz)	Transmission Rate	Spread Factor	Limit
5210	68.041	1.375	49.484	≥ 5
5290	67.853	1.375	49.348	≥ 5
5530	67.824	1.375	49.327	≥ 5
5610	68.214	1.375	49.610	≥ 5
5690	67.952	1.375	49.420	≥ 5

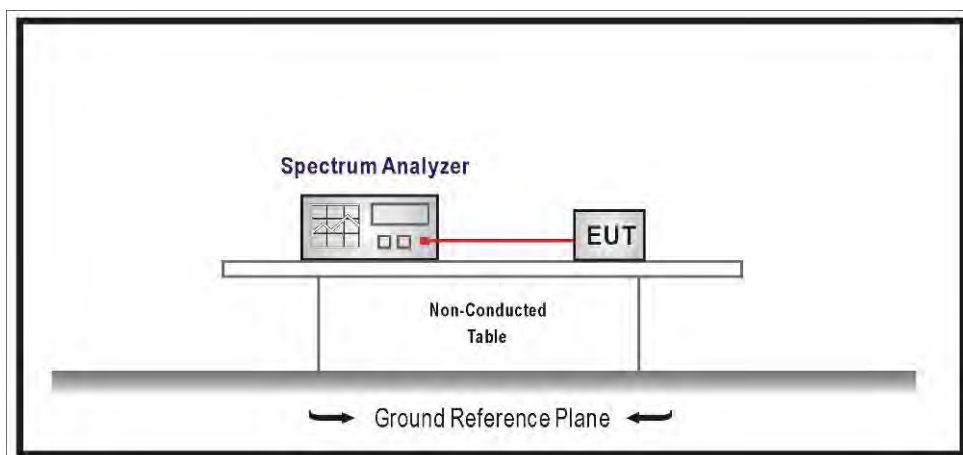
Calculation Method: Spread Factor

= (SBW)/ (Frequency equal to the transmission rate of the modulation signal)

= (SBW)/ (1.375Mbps)

4. Occupied Bandwidth

4.1. Test Setup



4.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) A measurement instrument with an integrated 99% power bandwidth function may be used to automate the test process.
- (c) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (d) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

4.3. Limits

20MHz Bandwidth $\leq$ 19MHz

40MHz Bandwidth $\leq$ 38MHz

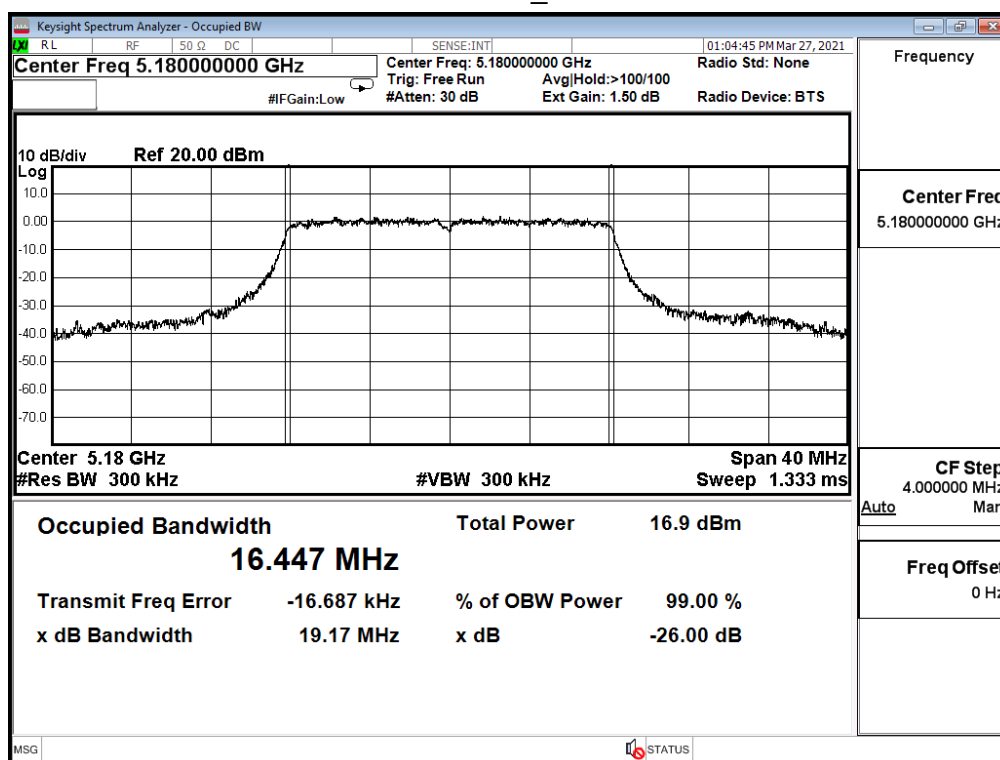
80MHz Bandwidth $\leq$ 78MHz

4.4. Test Result of Occupied Bandwidth

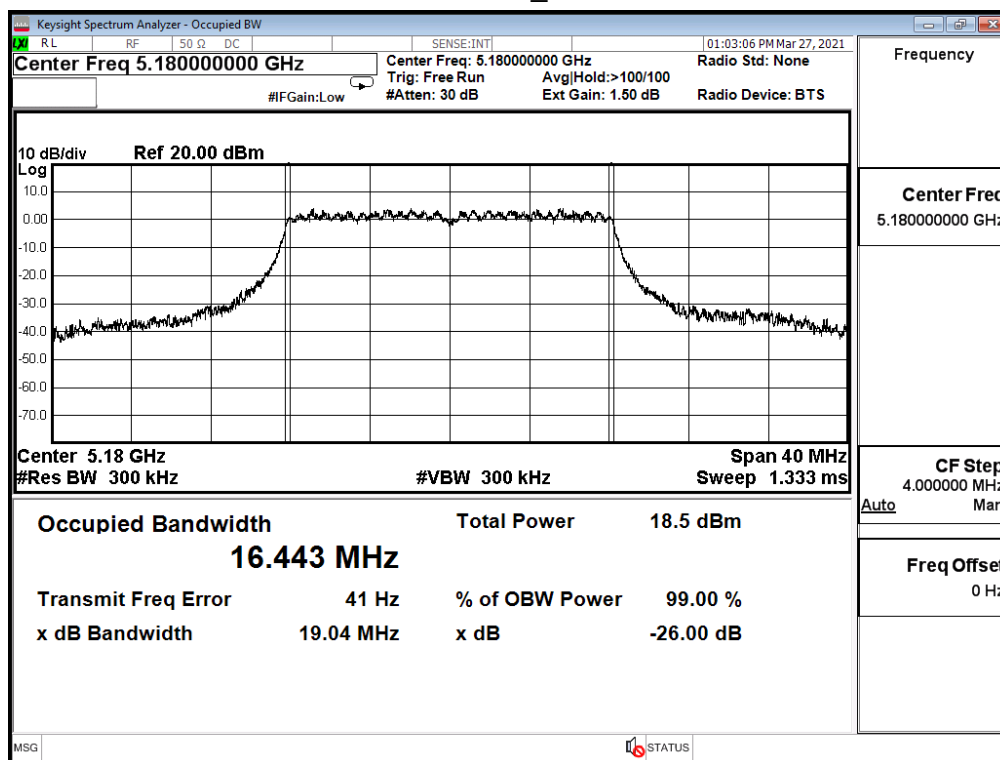
Product	Wireless LAN Access Point		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: 802.11a			
Cable Loss= 1.5dB			
Frequency (MHz)	Reading Value (MHz)		Limit (MHz)
	Ant.0	Ant.1	
5180	16.447	16.443	20
5220	16.447	16.430	20
5240	16.446	16.437	20
5260	16.440	16.438	20
5300	16.440	16.434	20
5320	16.457	16.426	20
5500	16.845	16.631	20
5600	16.743	16.602	20
5720	16.906	18.122	20

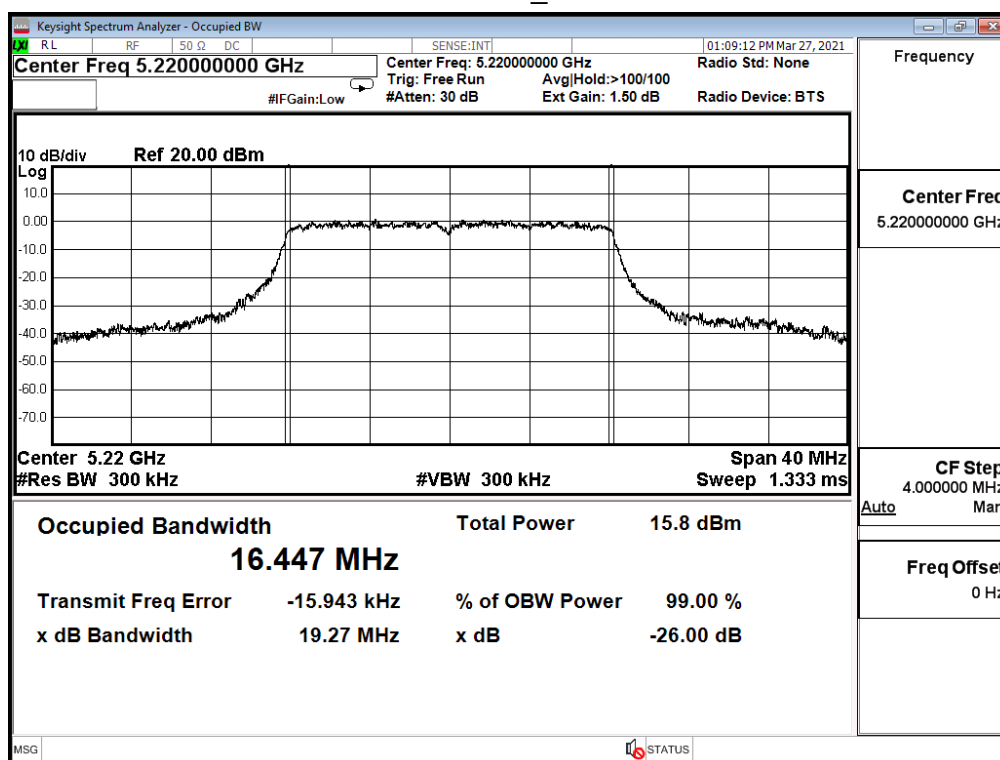
5180MHz_Ant.0



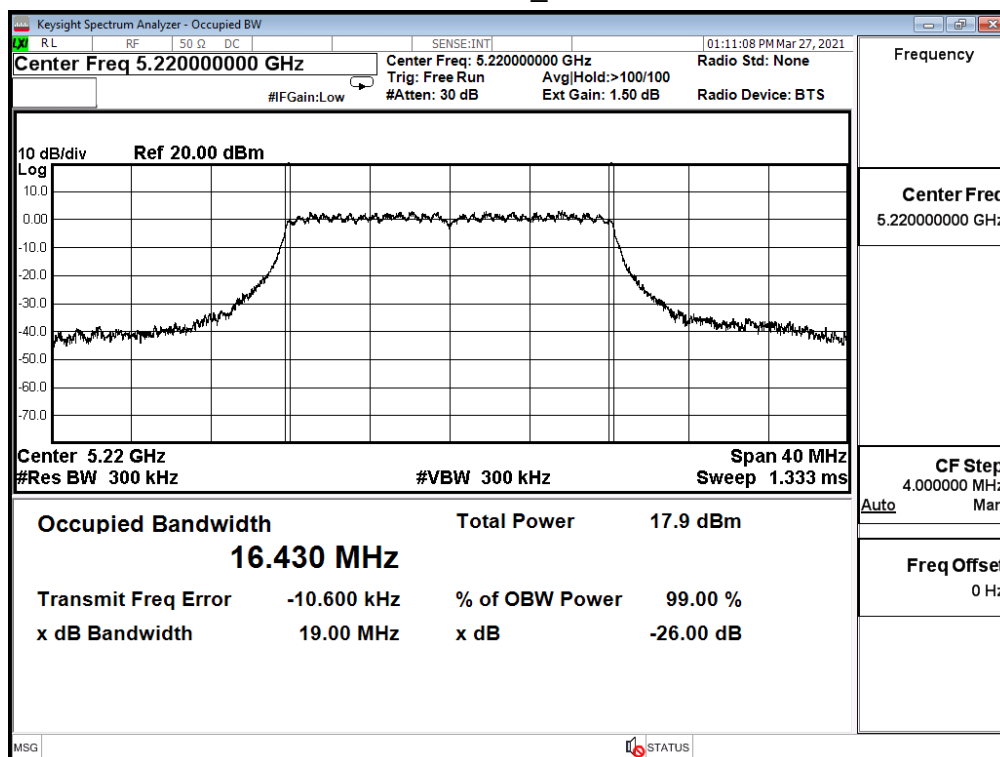
5180MHz_Ant.1



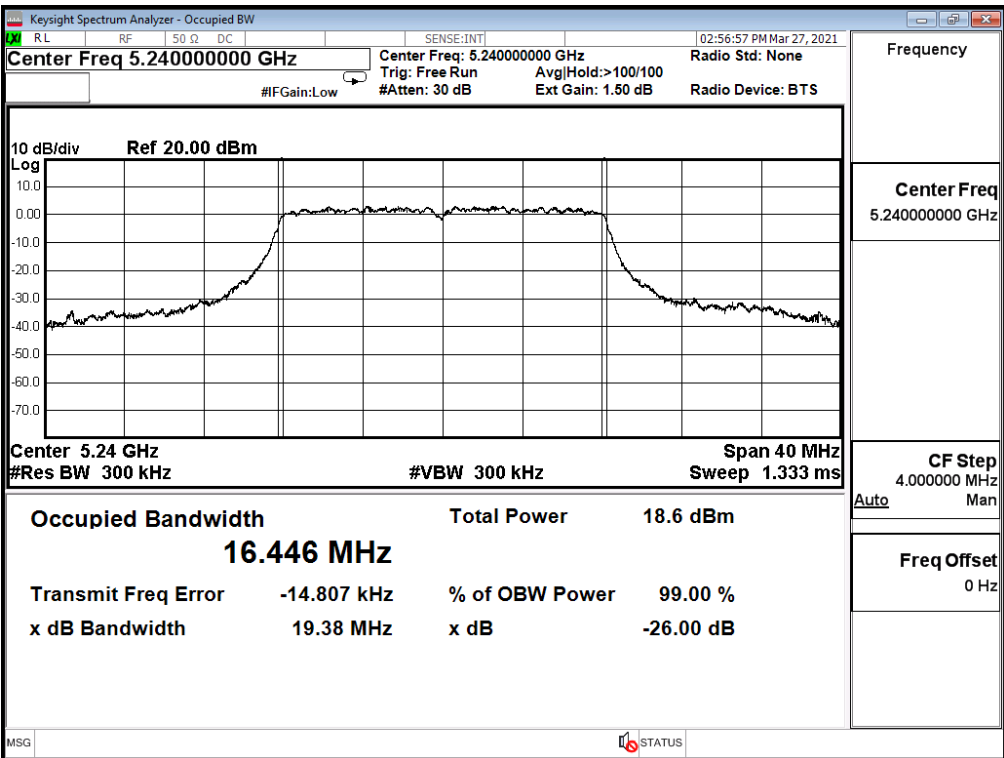
5220MHz_Ant.0



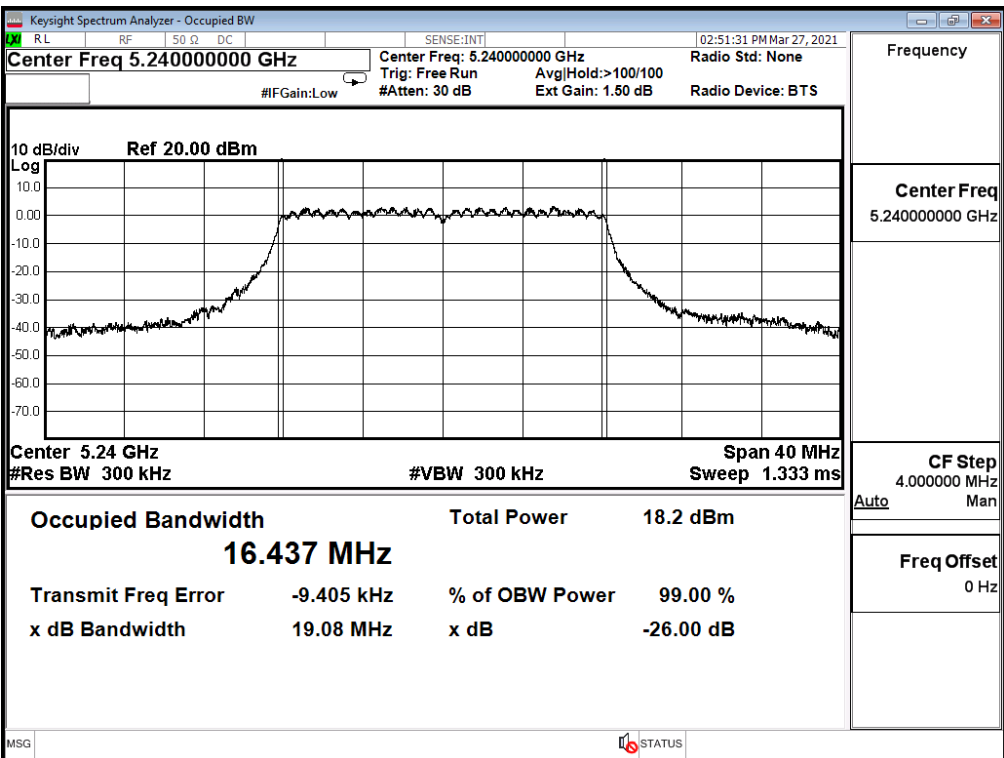
5220MHz_Ant.1



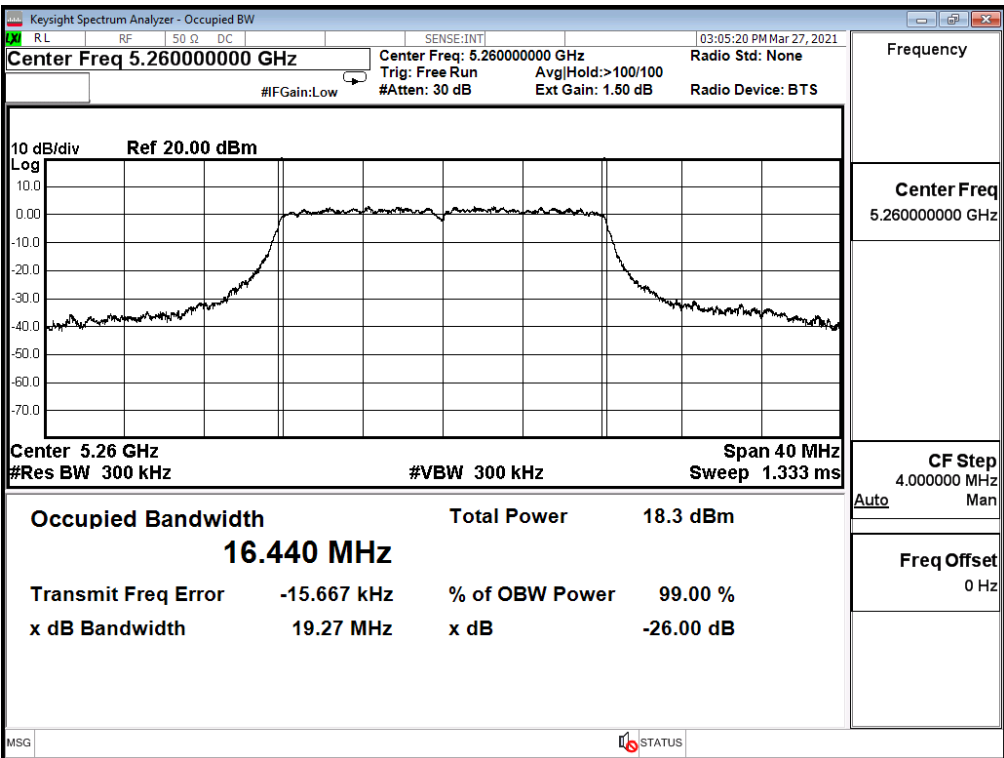
5240MHz_Ant.0



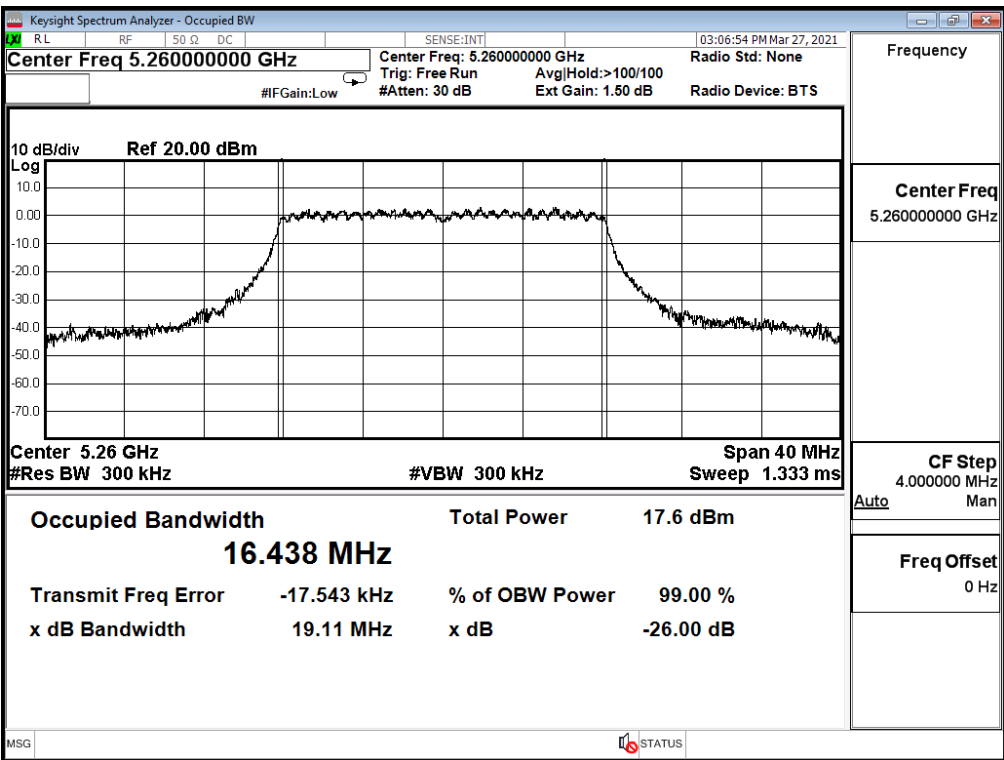
5240MHz_Ant.1



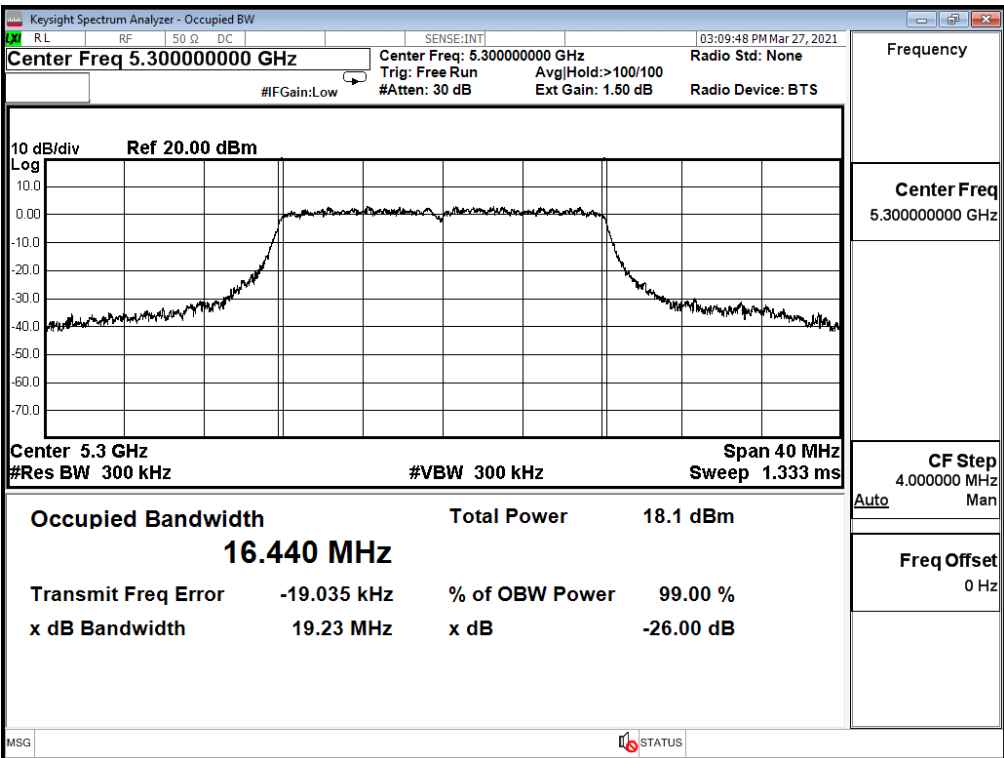
5260MHz_Ant.0



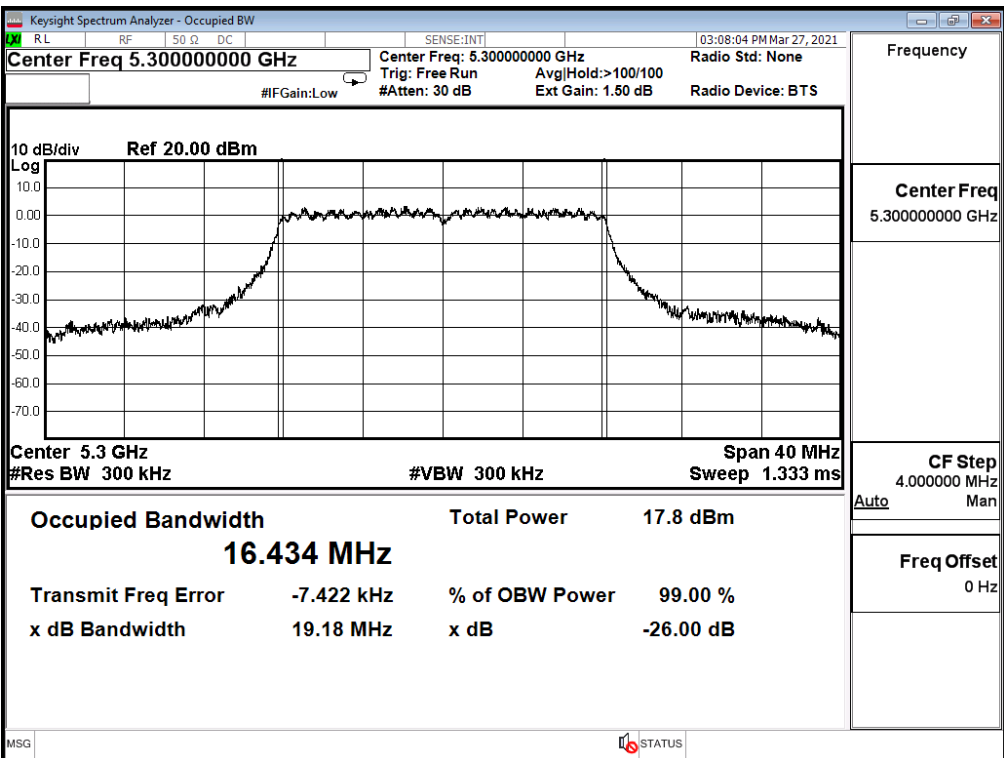
5260MHz_Ant.1



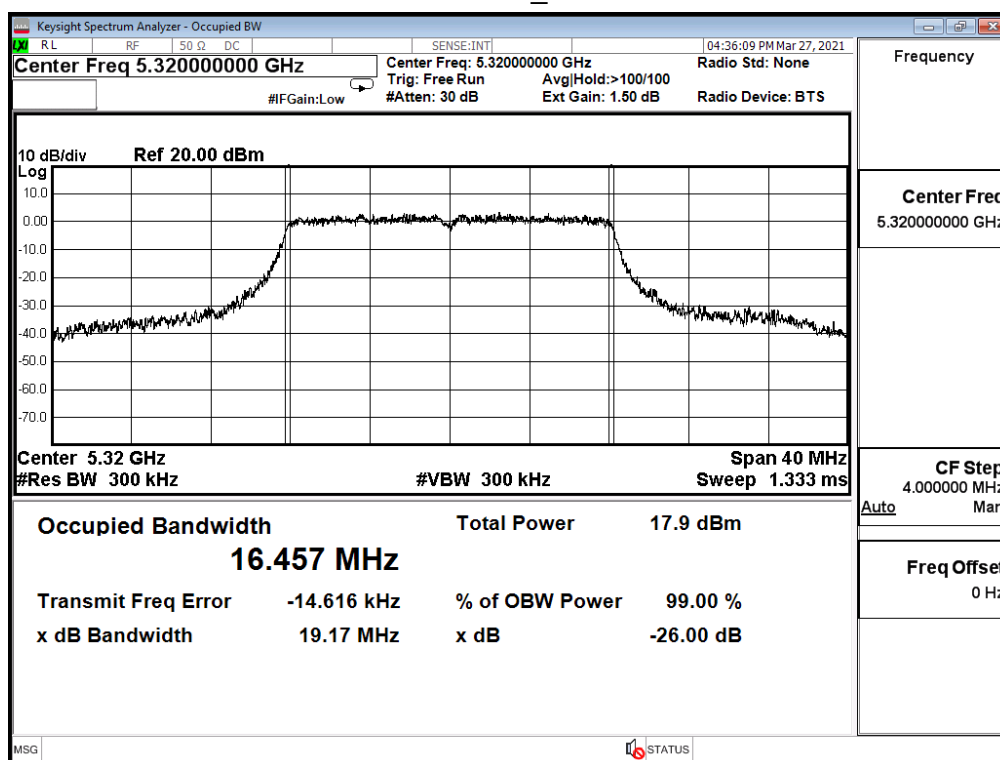
5300MHz_Ant.0



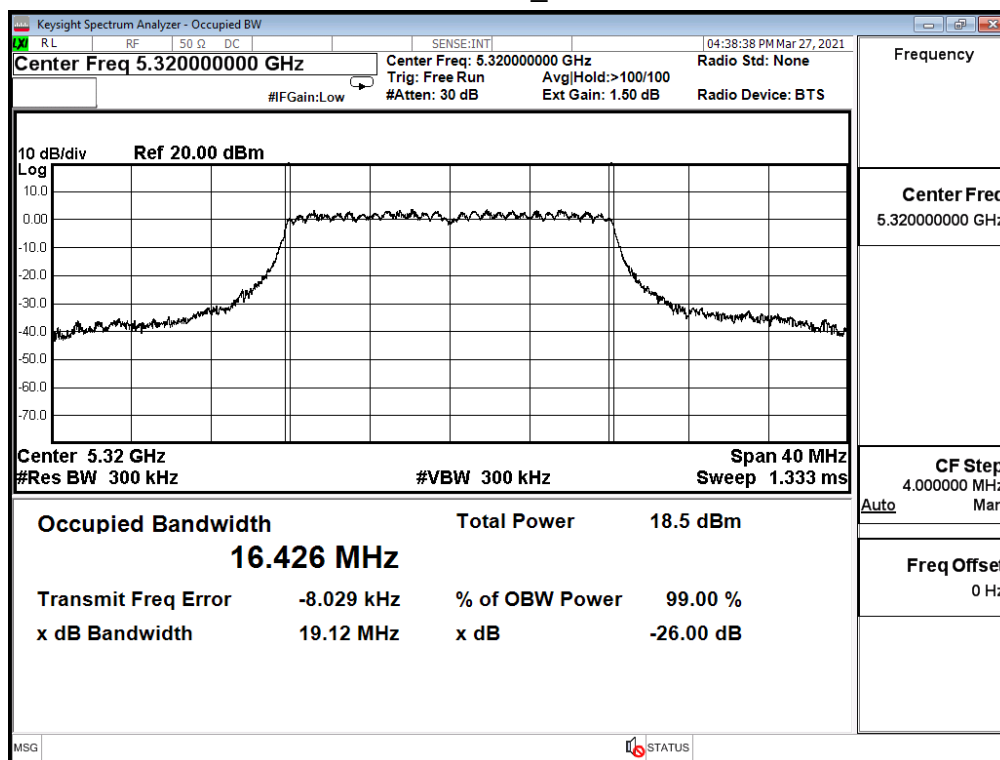
5300MHz_Ant.1



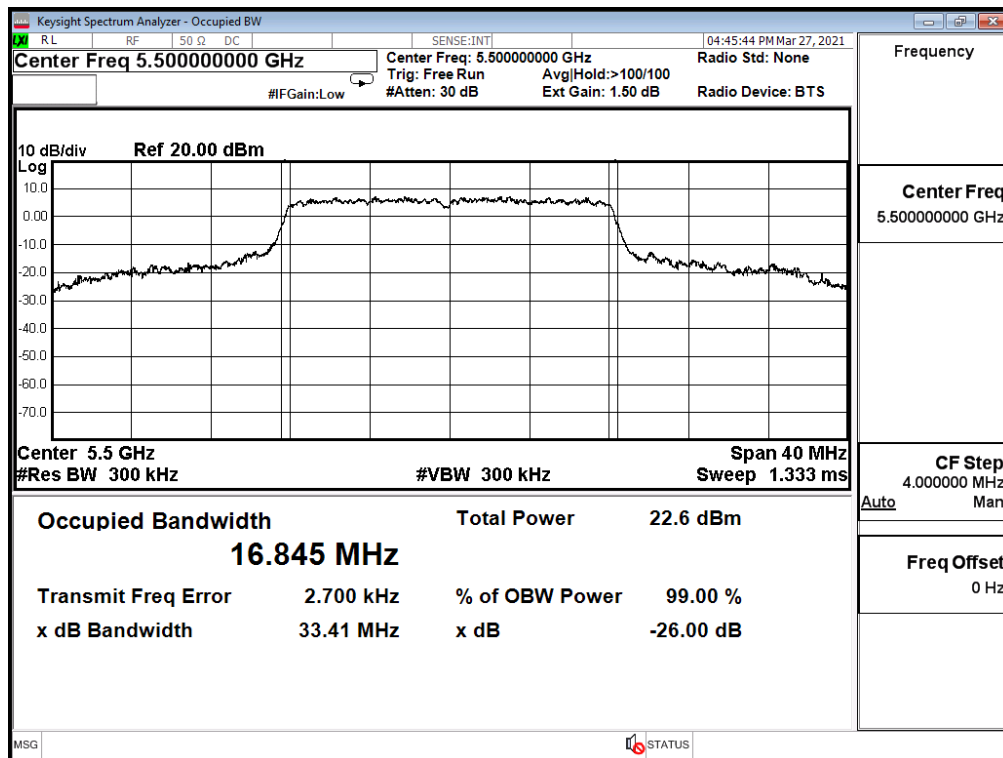
5320MHz_Ant.0



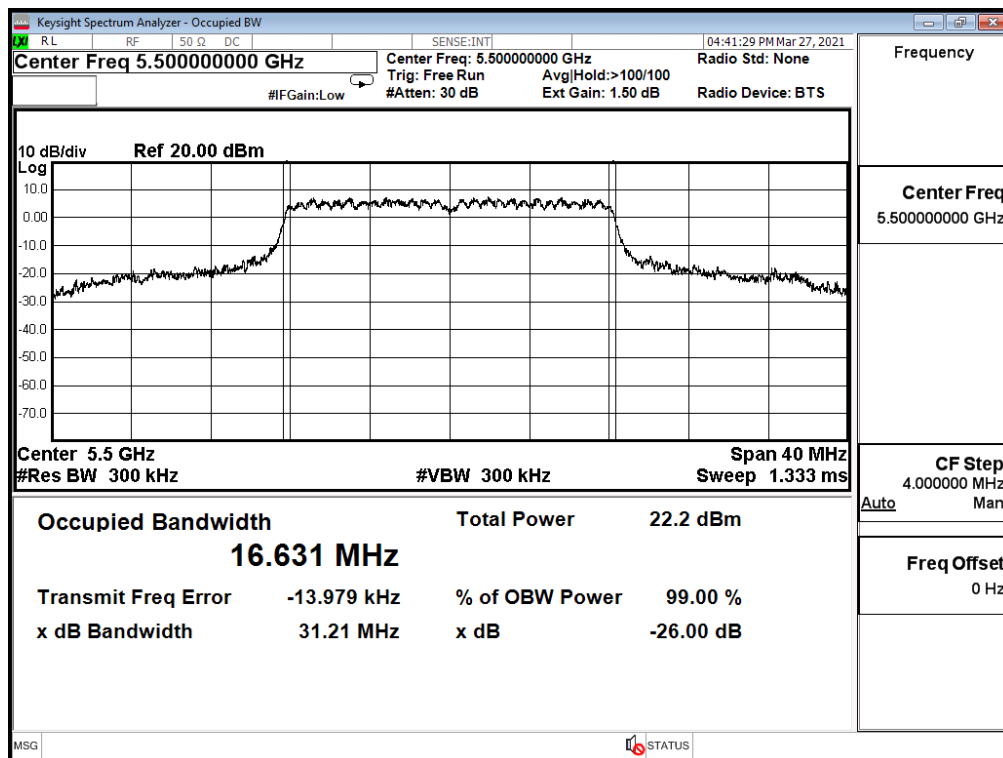
5320MHz_Ant.1



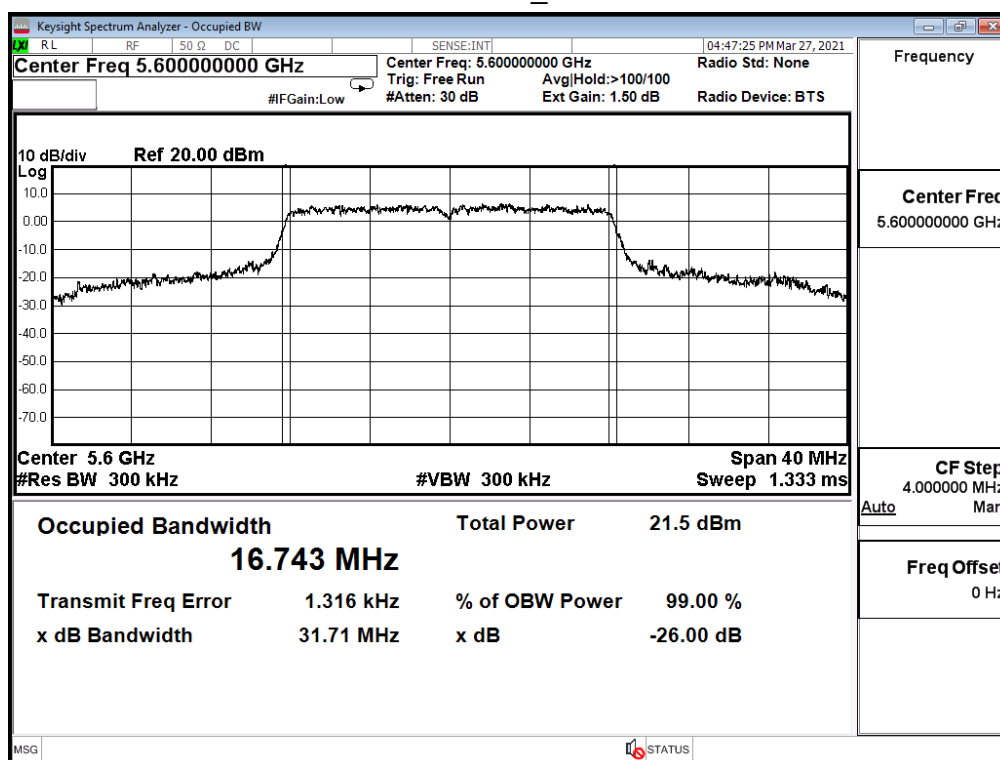
5500MHz_Ant.0



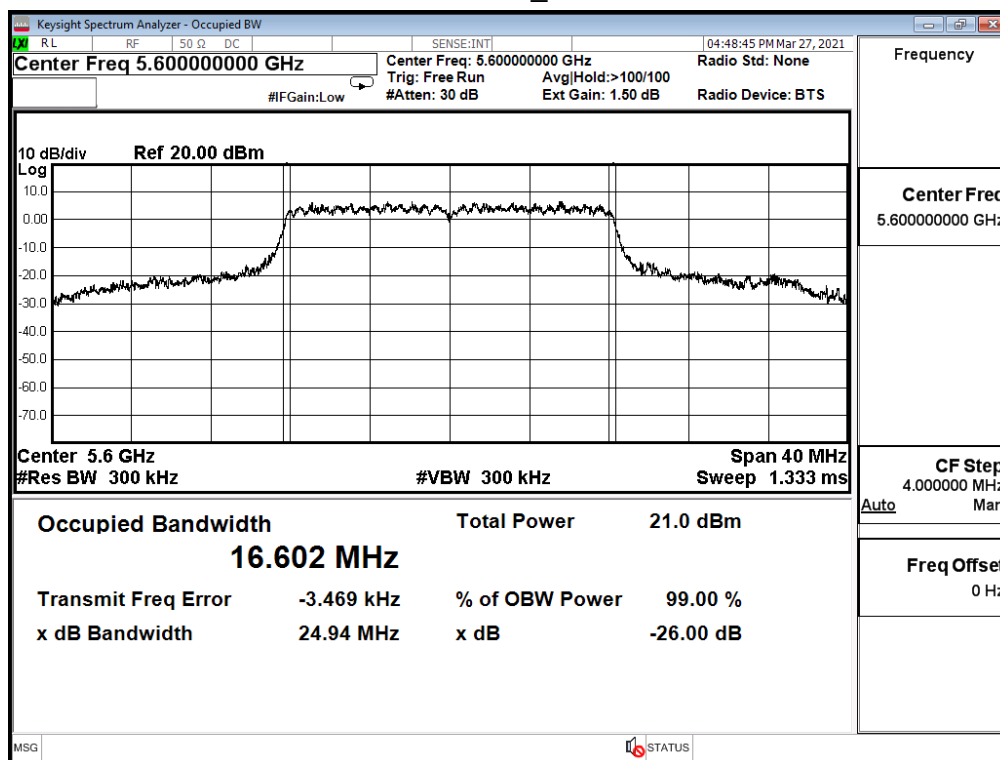
5500MHz_Ant.1



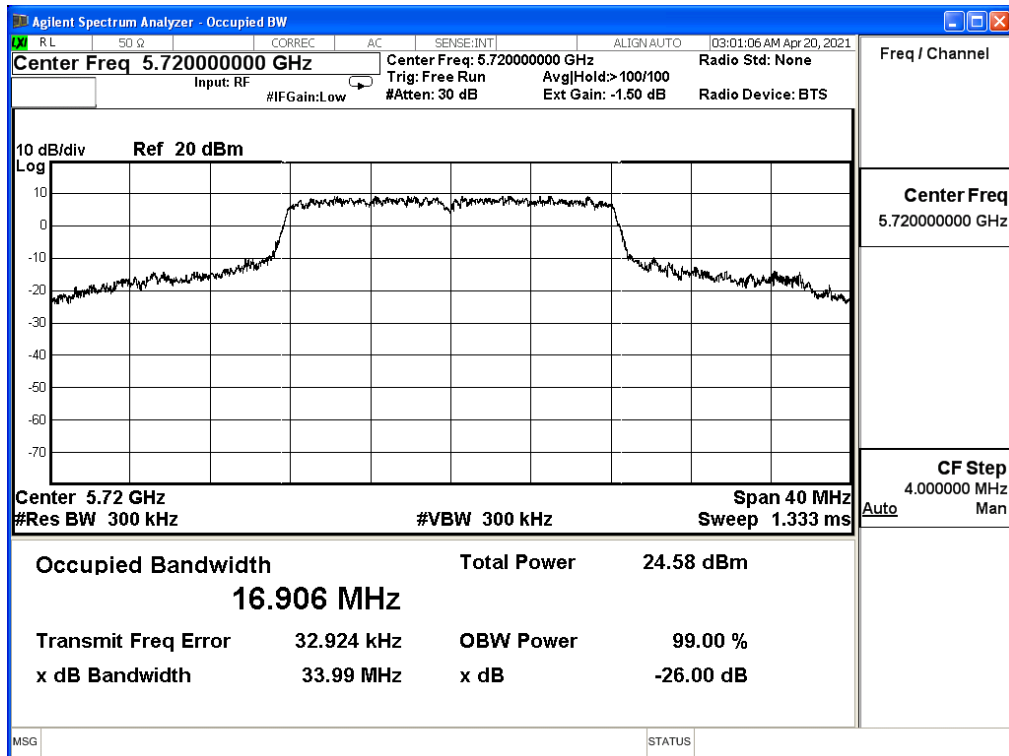
5600MHz_Ant.0



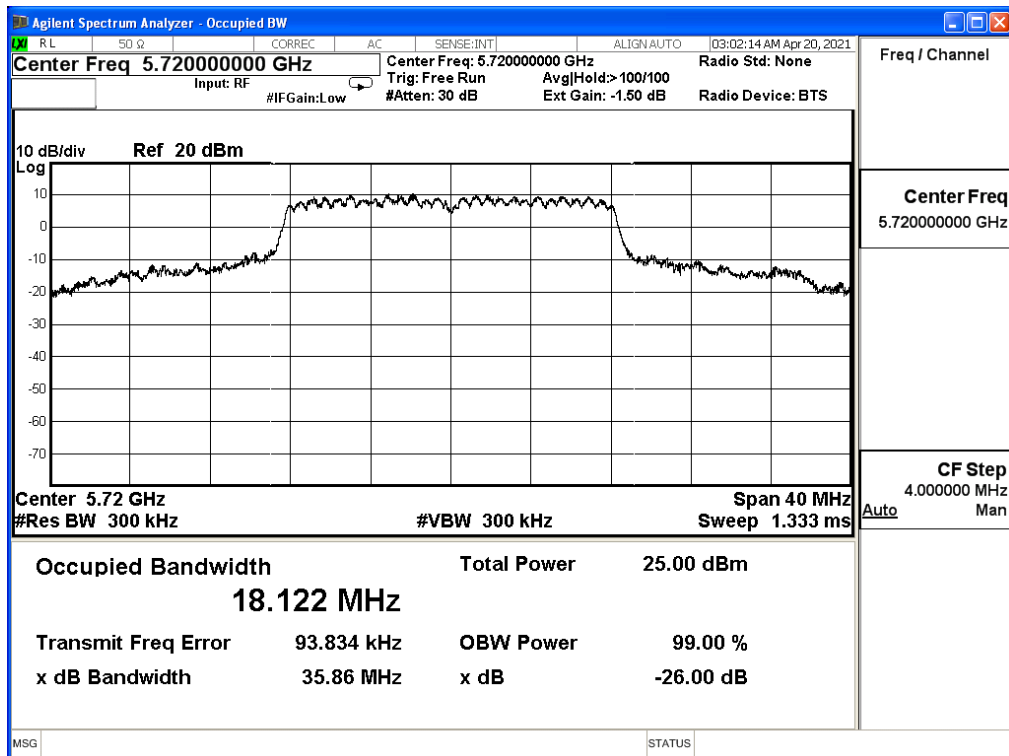
5600MHz_Ant.1



5720MHz_Ant.0



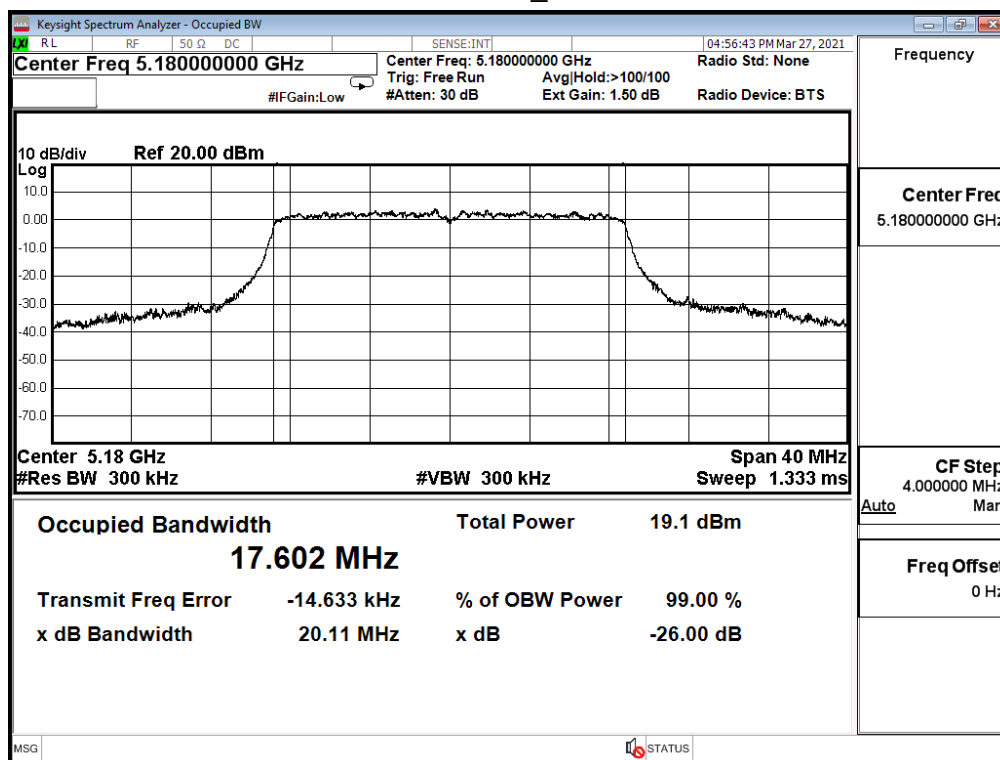
5720MHz_Ant.1



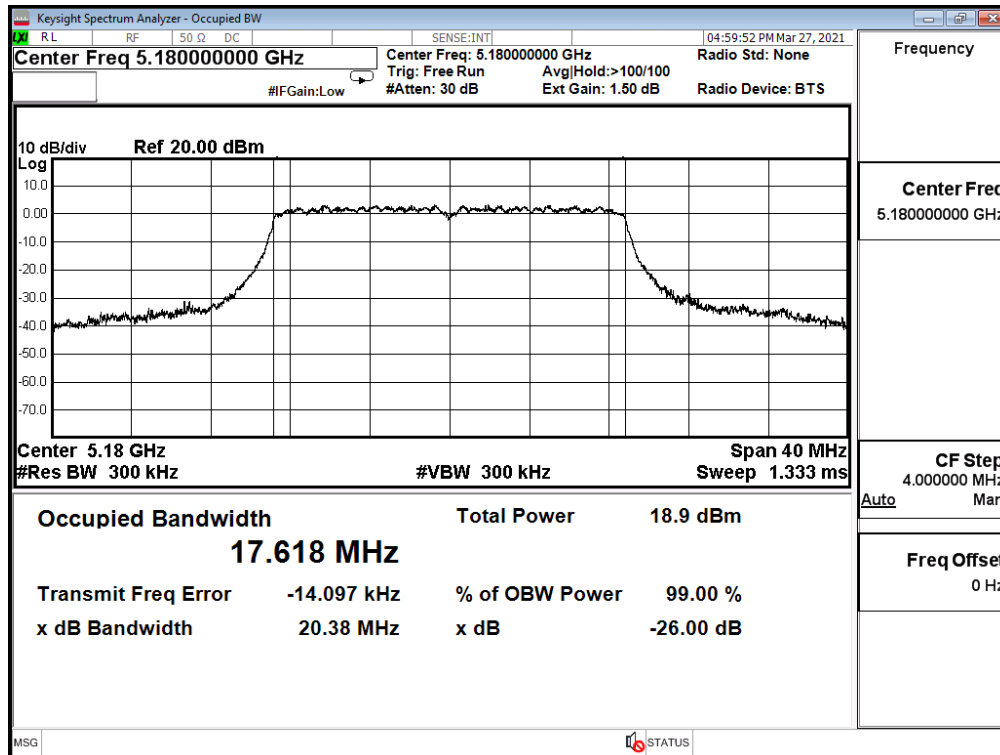
Product	Wireless LAN Access Point		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: 802.11ac(20MHz)			
Cable Loss= 1.5dB			
Frequency (MHz)	Reading Value (MHz)		Limit (MHz)
	Ant.0	Ant.1	
5180	17.602	17.618	20
5220	17.616	17.609	20
5240	17.603	17.629	20
5260	17.611	17.649	20
5300	17.594	17.610	20
5320	17.596	17.629	20
5500	17.888	17.809	20
5600	17.996	17.840	20
5720	18.141	18.722	20

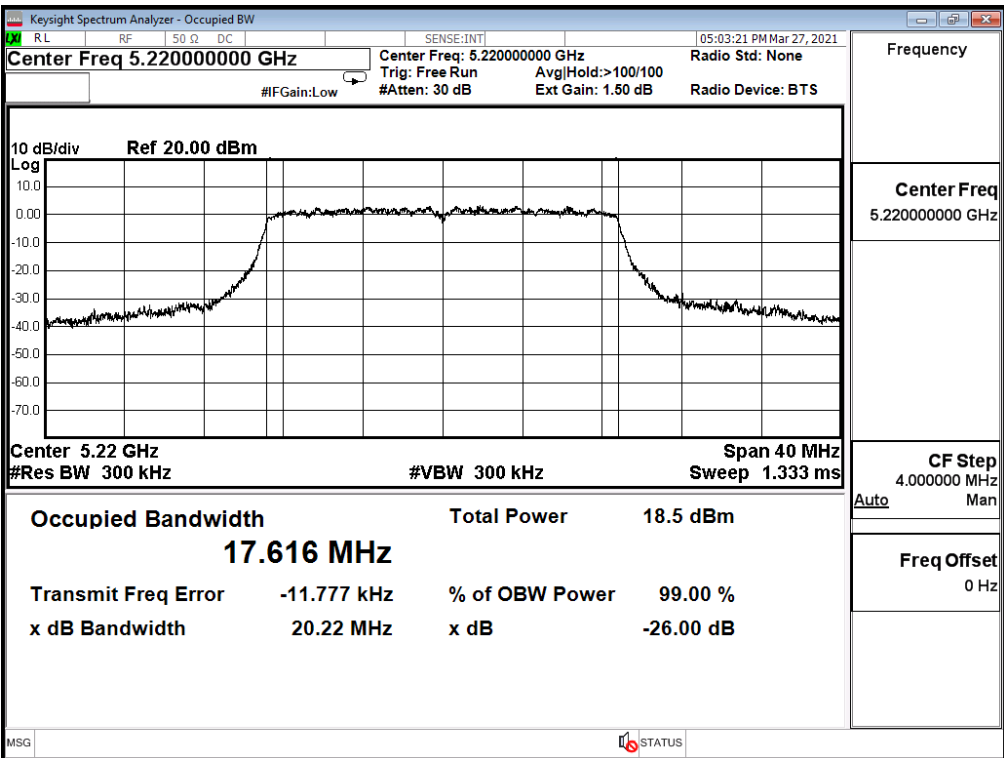
5180MHz_Ant.0



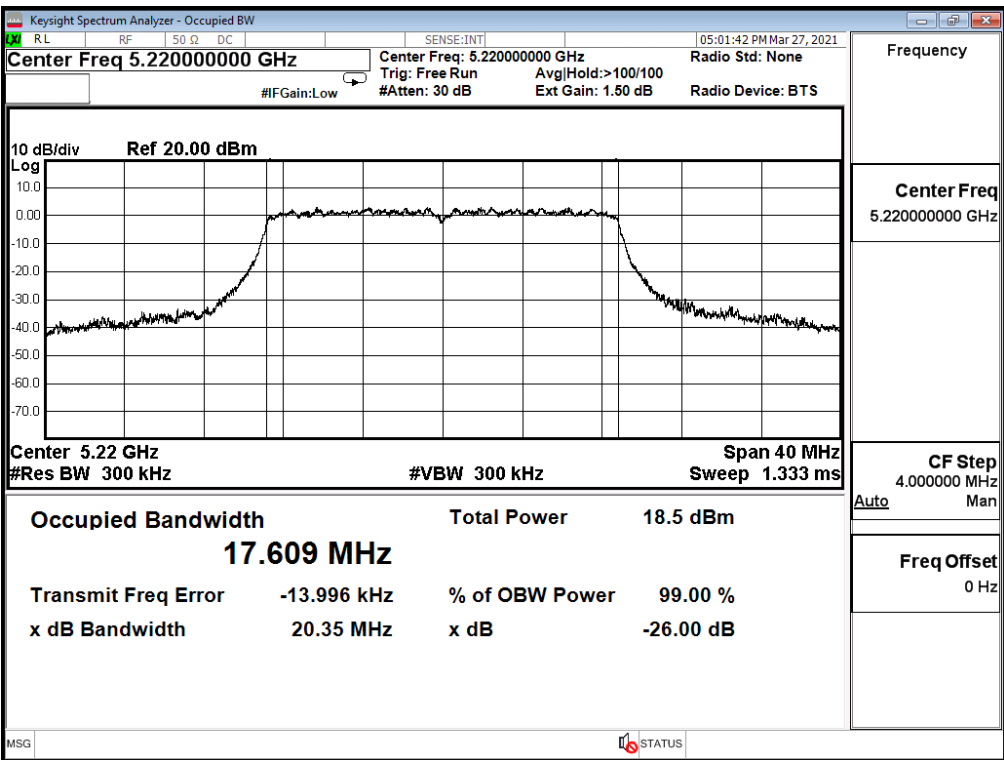
5180MHz_Ant.1



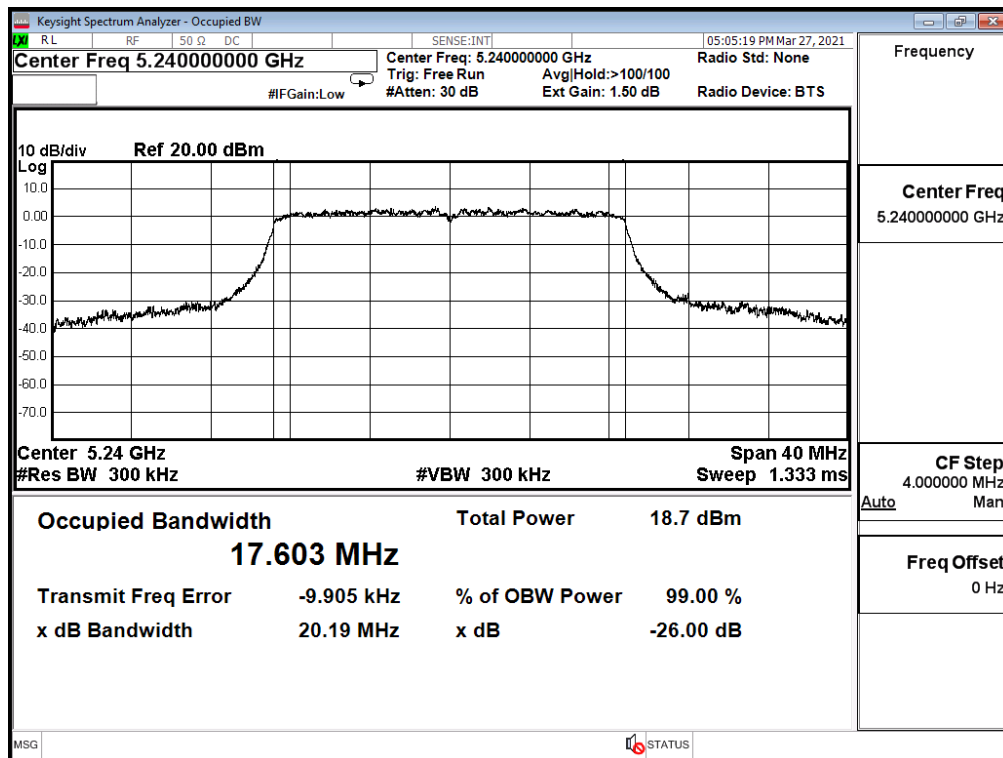
5220MHz_Ant.0



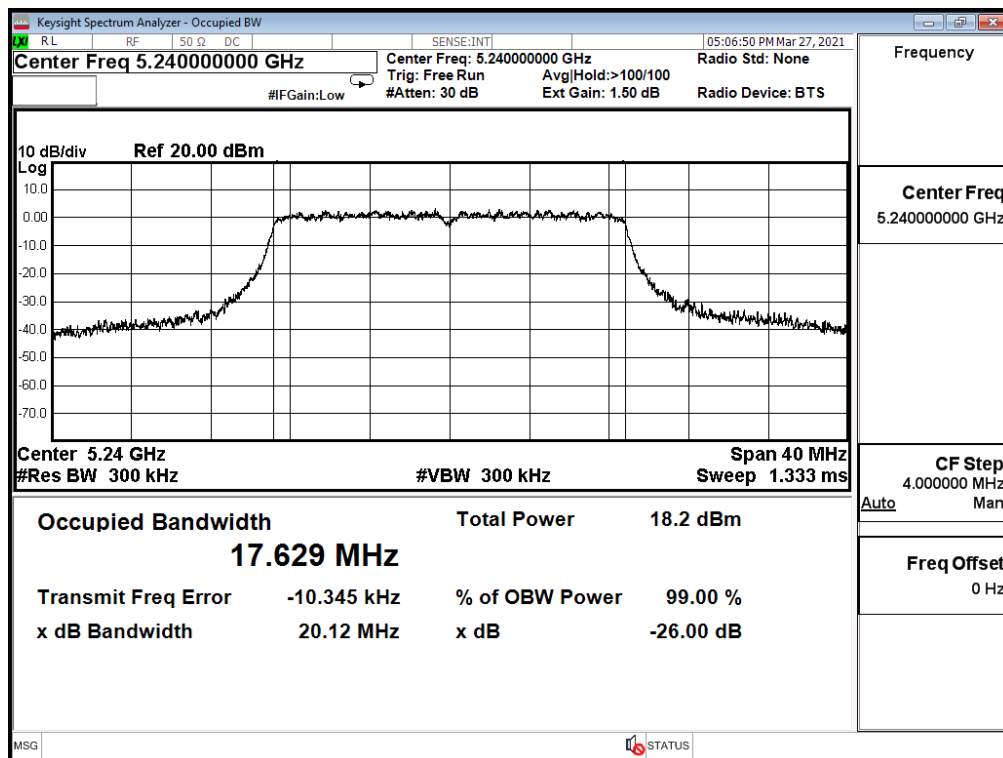
5220MHz_Ant.1



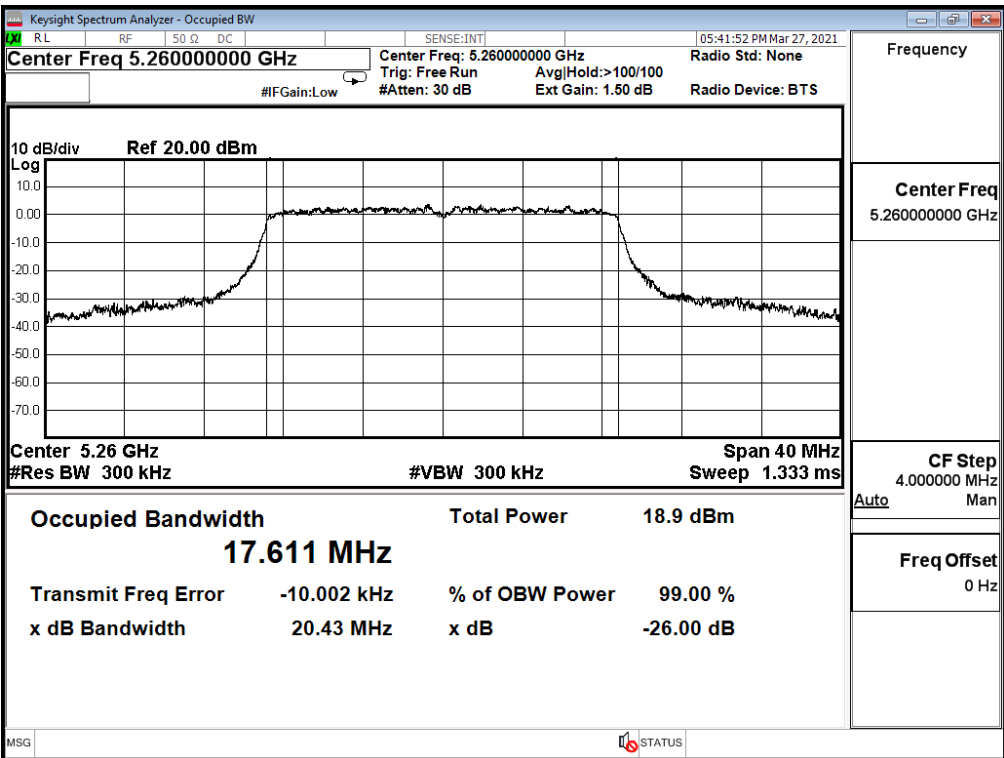
5240MHz_Ant.0



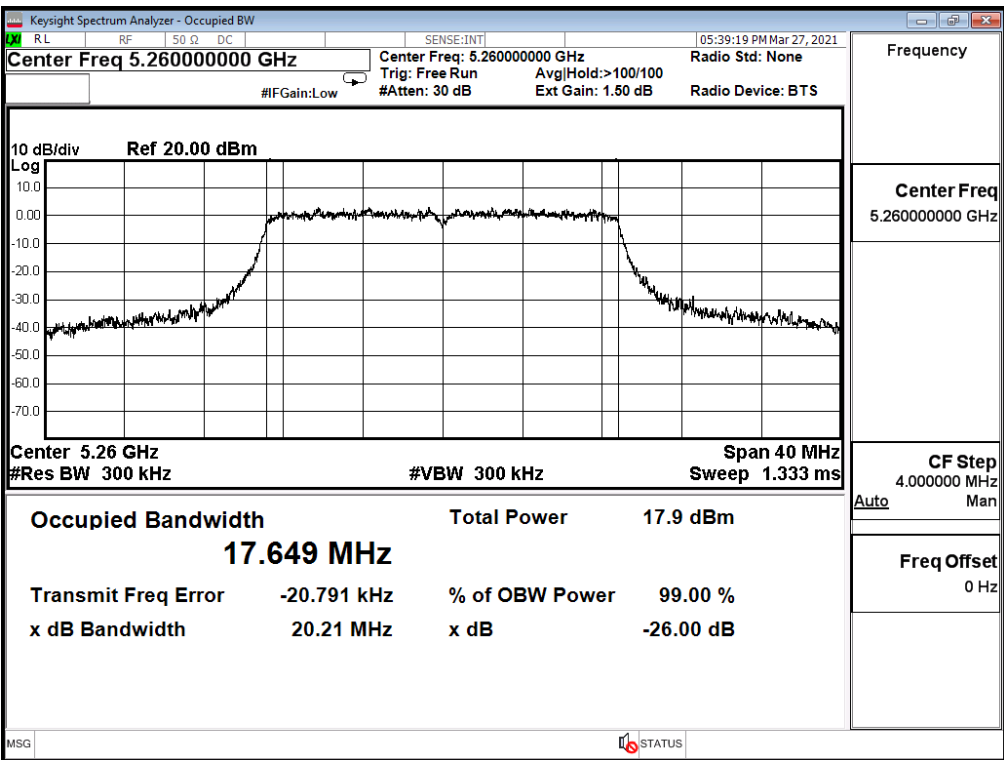
5240MHz_Ant.1



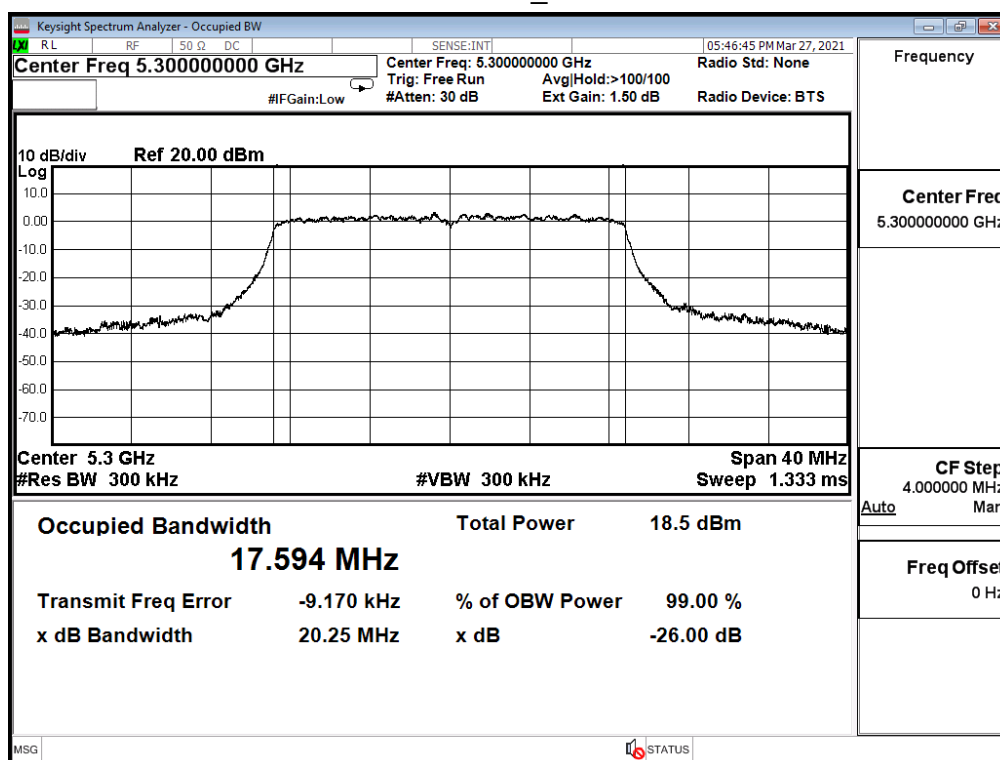
5260MHz_Ant.0



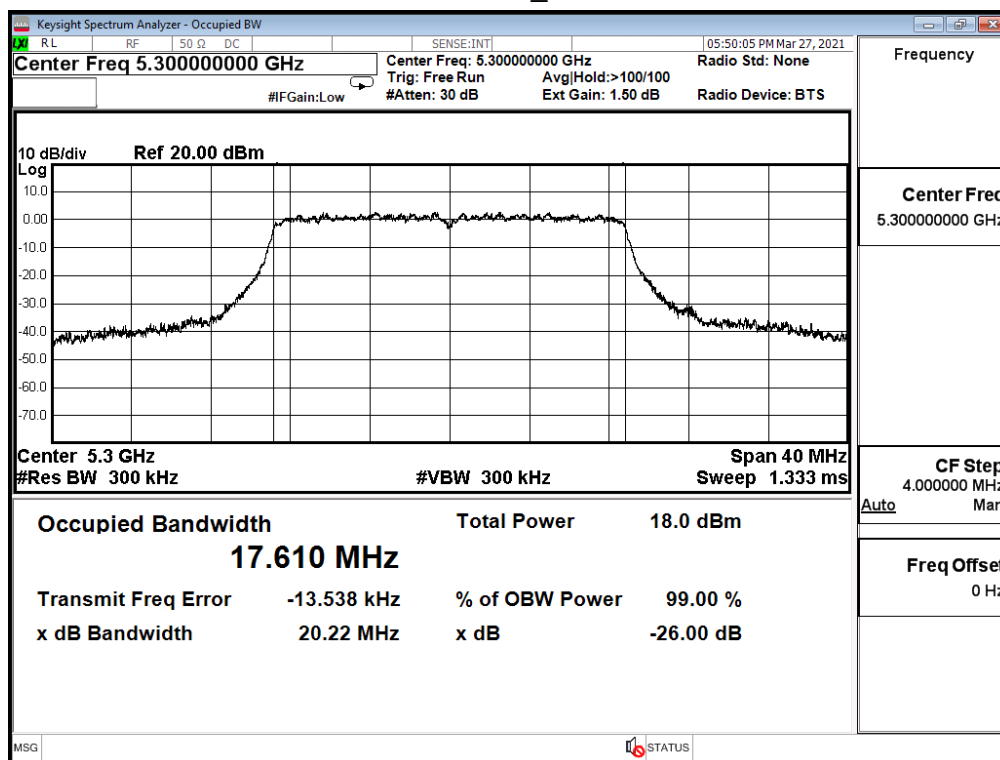
5260MHz_Ant.1



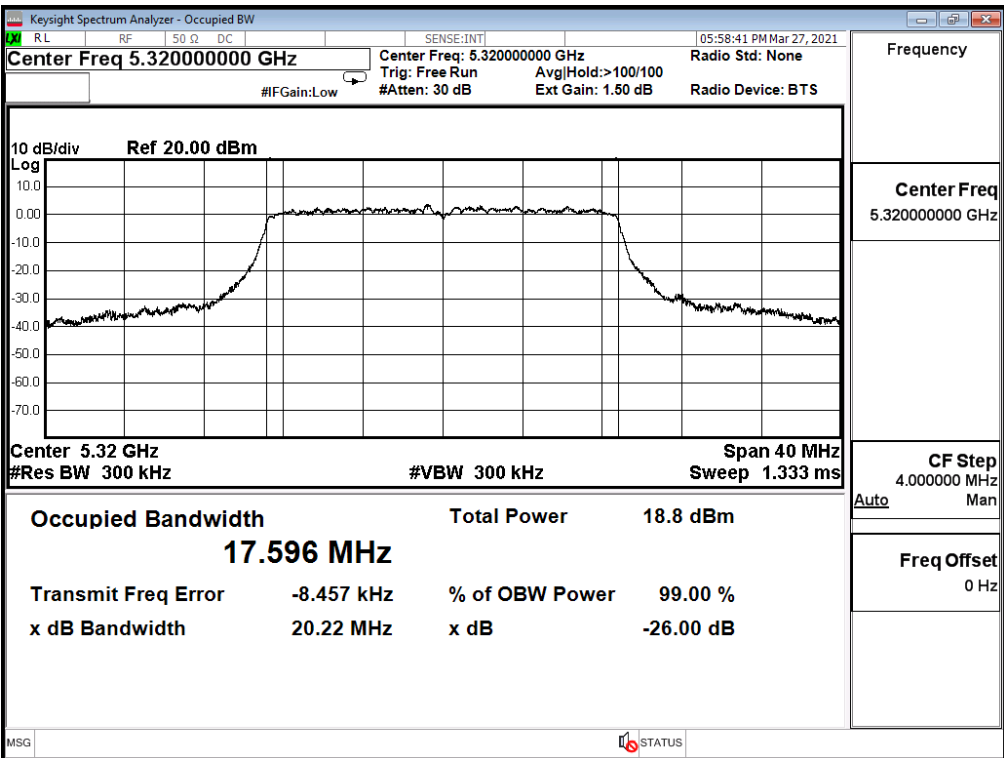
5300MHz_Ant.0



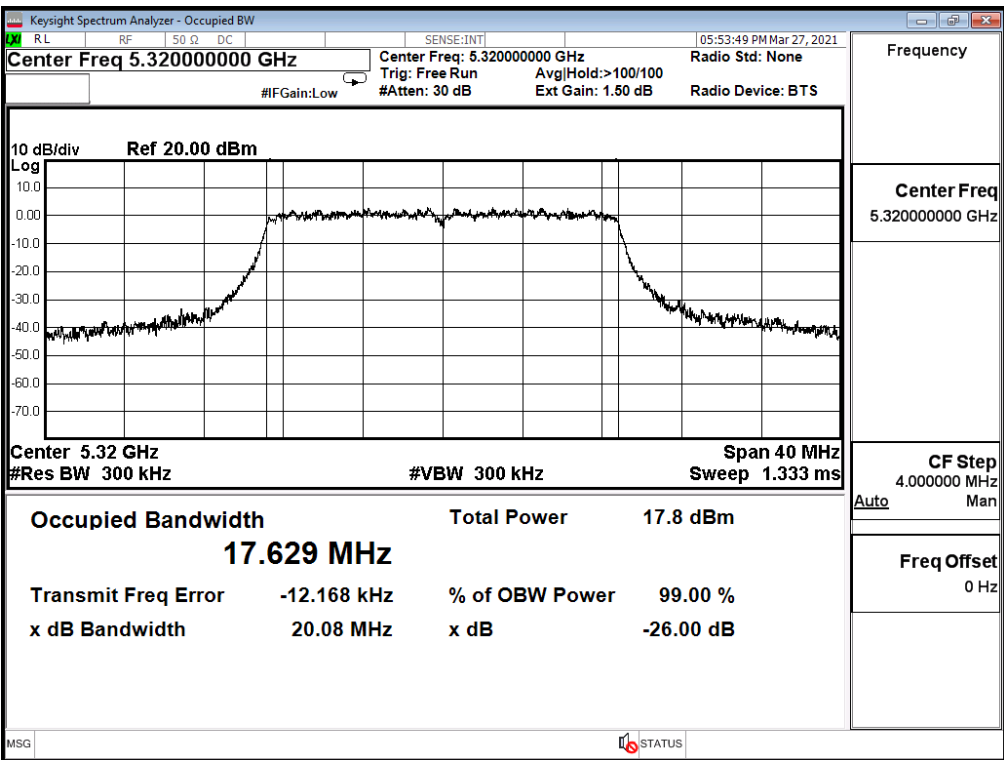
5300MHz_Ant.1



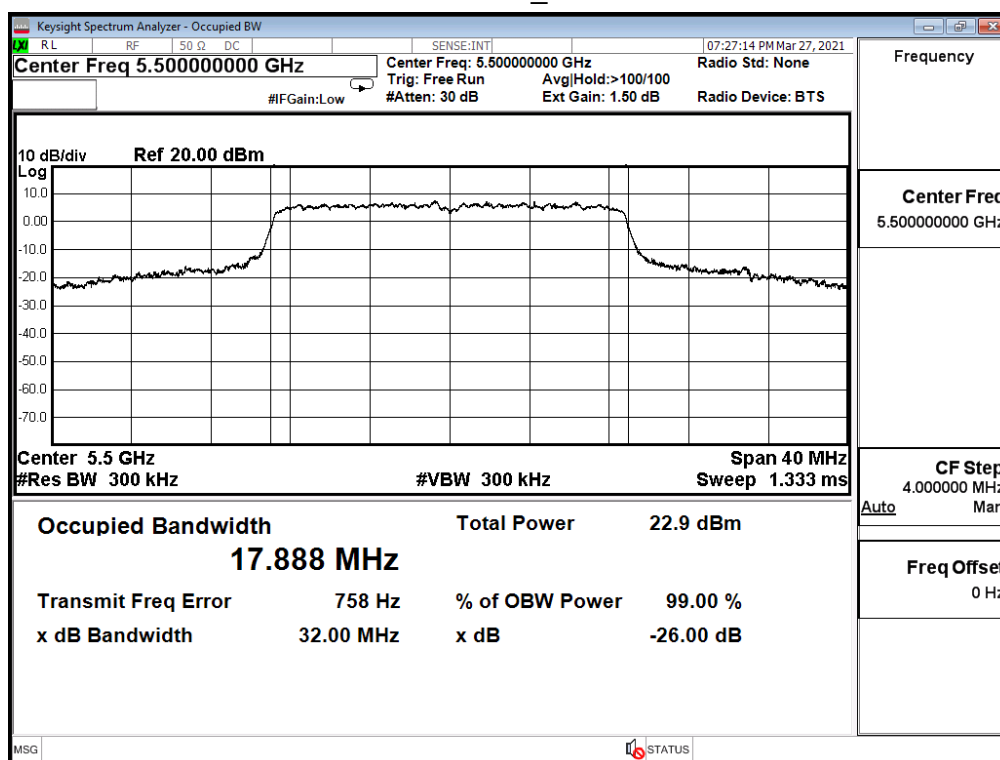
5320MHz_Ant.0



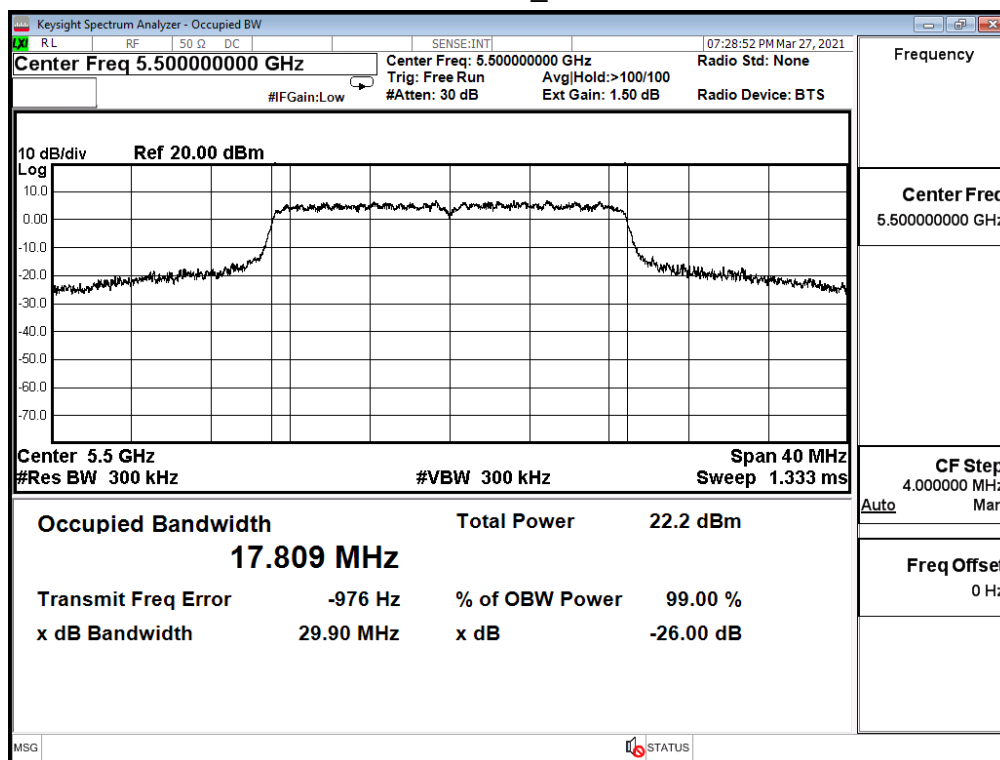
5320MHz_Ant.1



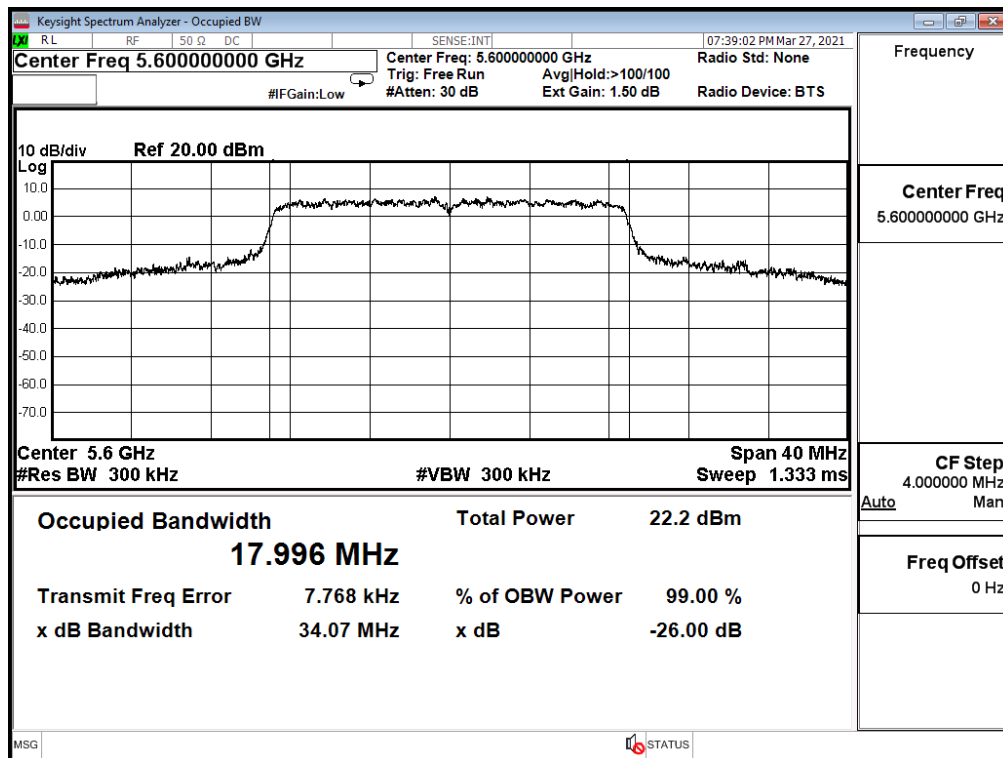
5500MHz_Ant.0



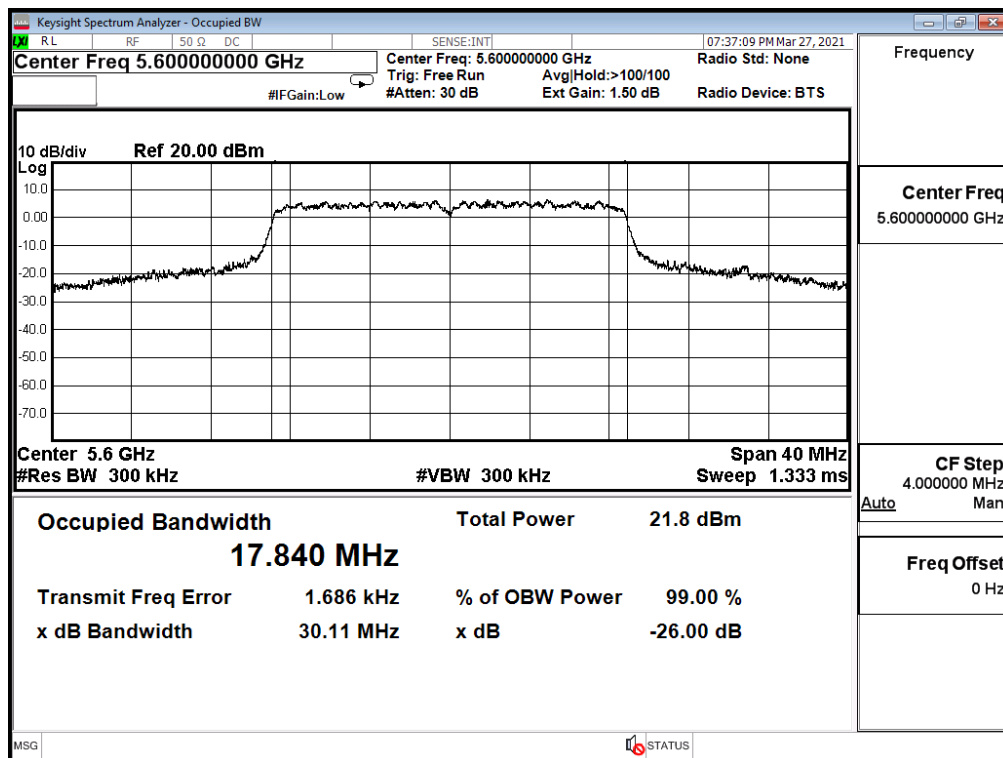
5500MHz_Ant.1



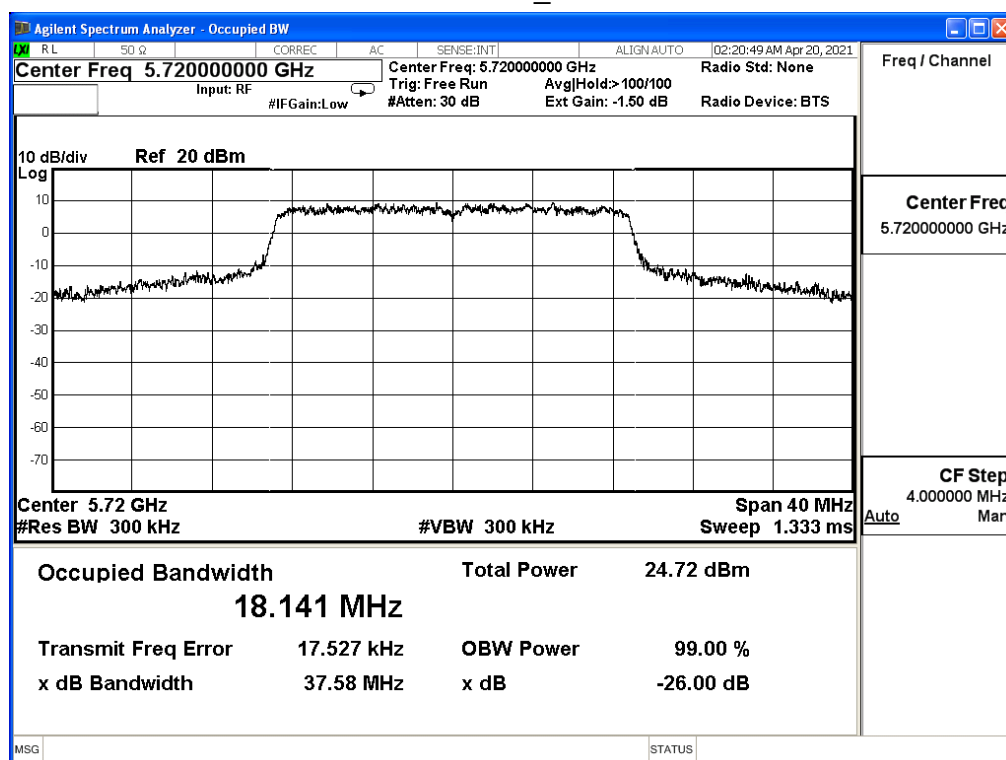
5600MHz_Ant.0



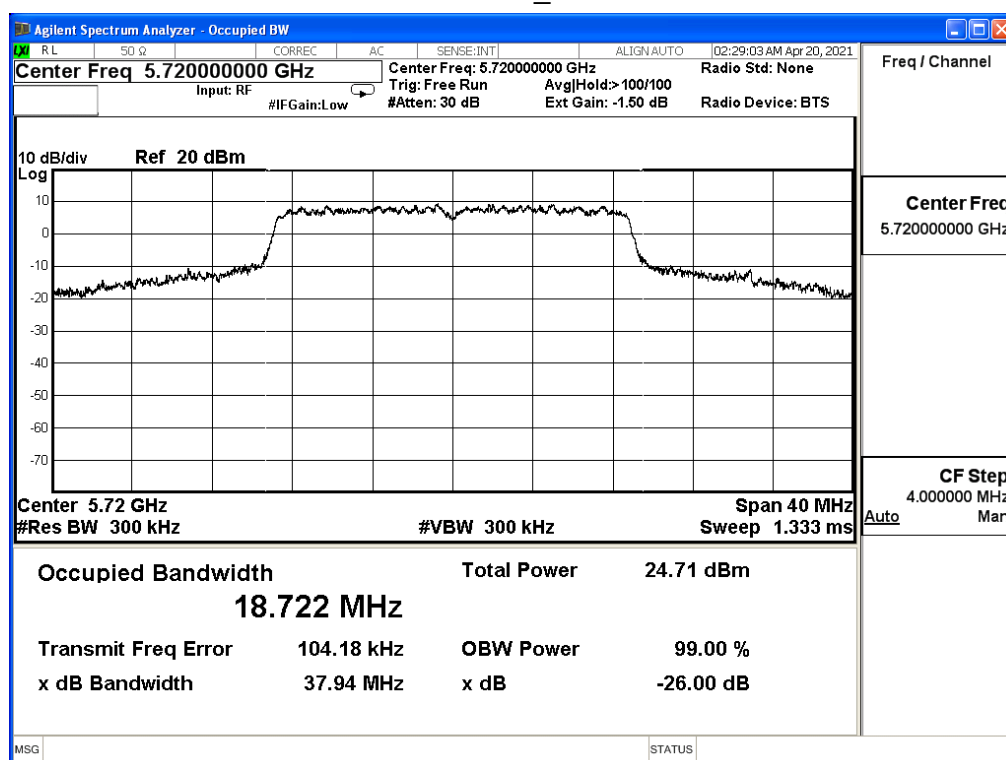
5600MHz_Ant.1



5720MHz_Ant.0



5720MHz_Ant.1



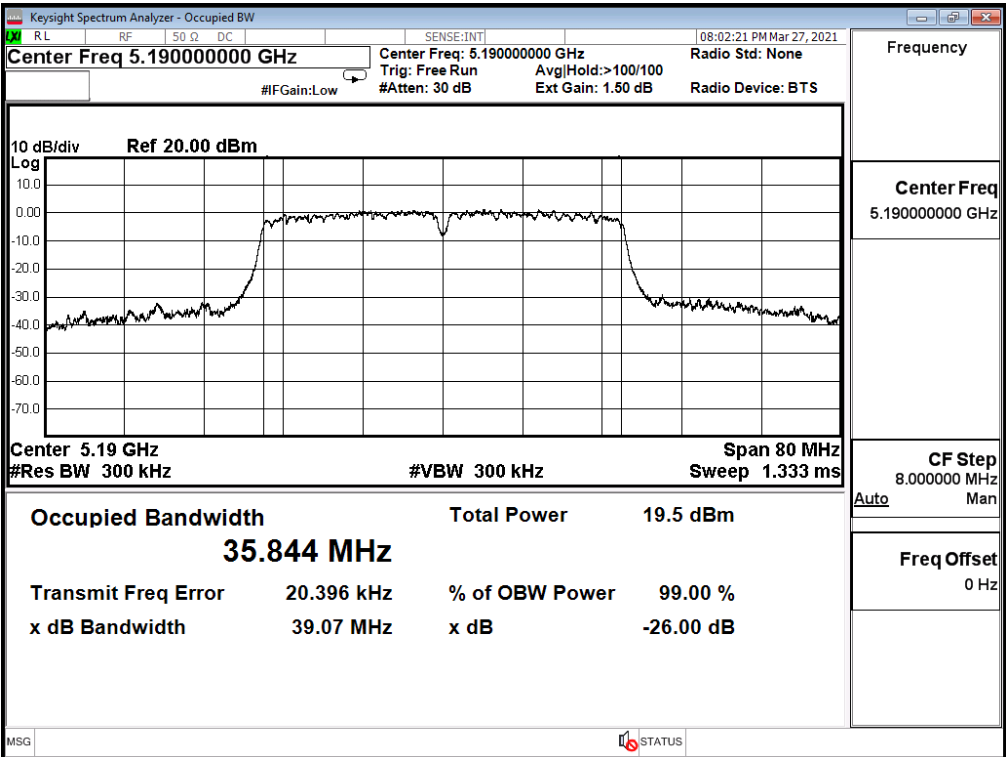
Product	Wireless LAN Access Point		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: 802.11ac(40MHz)

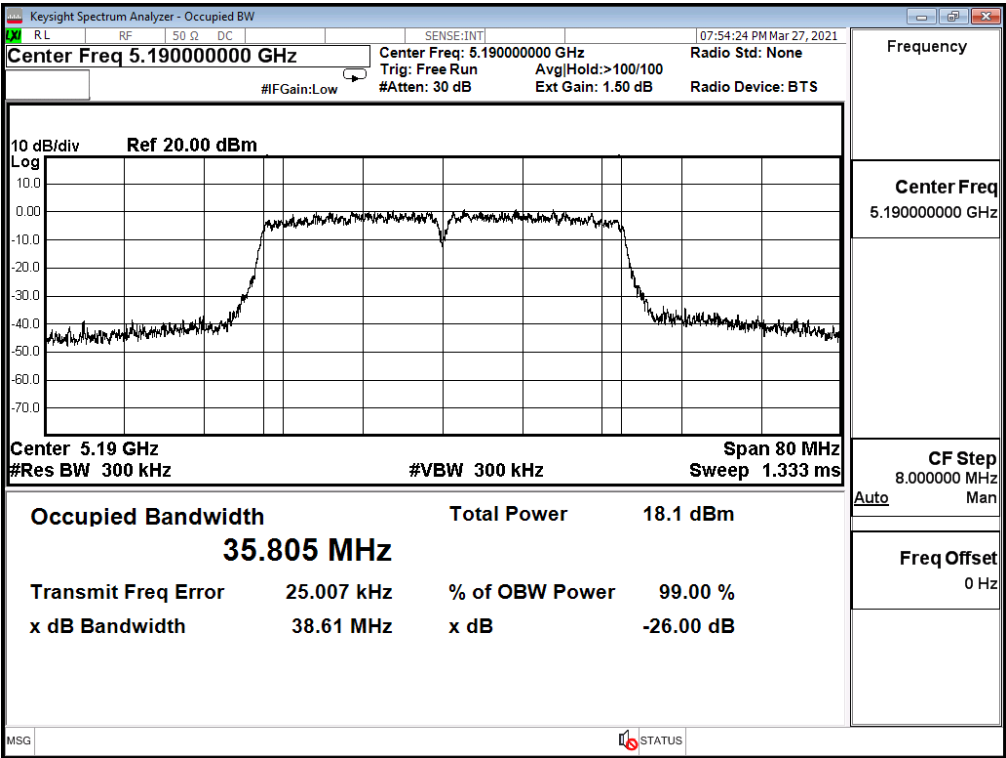
Cable Loss= 1.5dB

Frequency (MHz)	Reading Value (MHz)		Limit (MHz)
	Ant.0	Ant.1	
5190	35.844	35.805	40
5230	35.838	35.843	40
5270	35.882	35.844	40
5310	35.873	35.836	40
5510	36.103	36.015	40
5590	36.269	36.206	40
5710	36.334	36.688	40

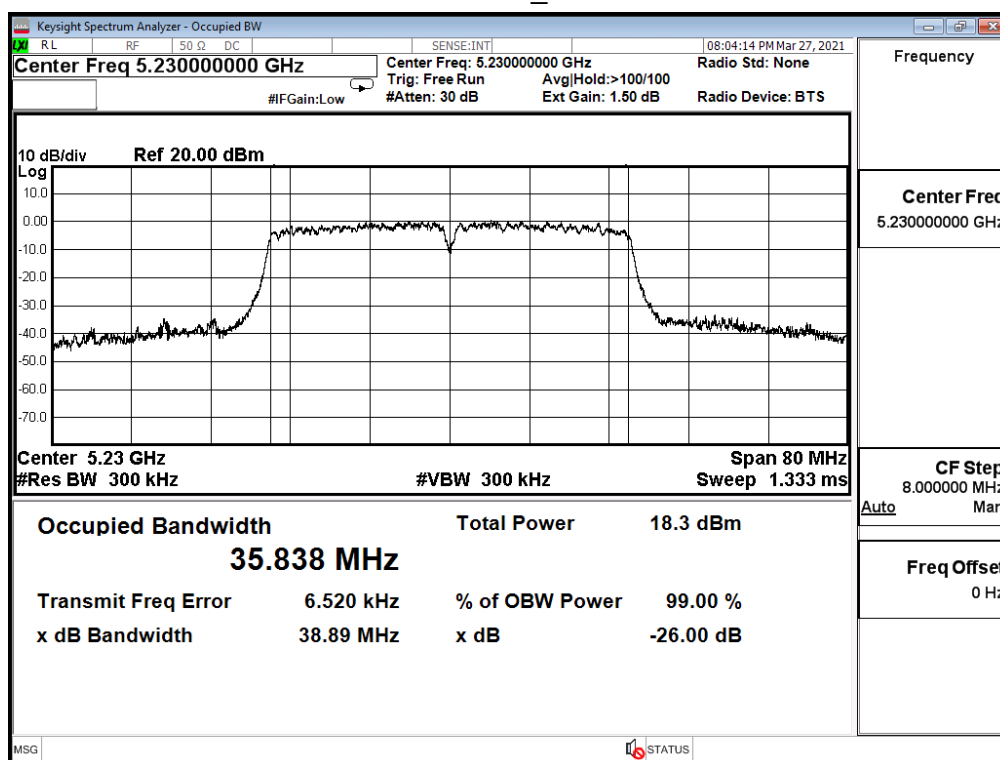
5190MHz_Ant.0



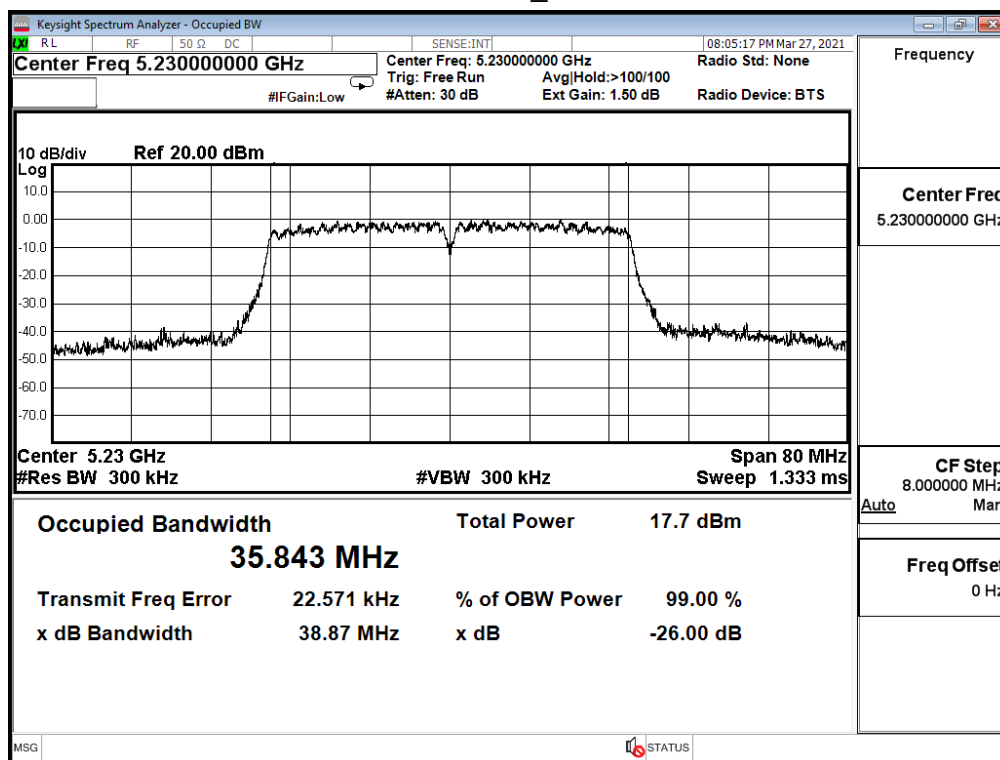
5190MHz_Ant.1



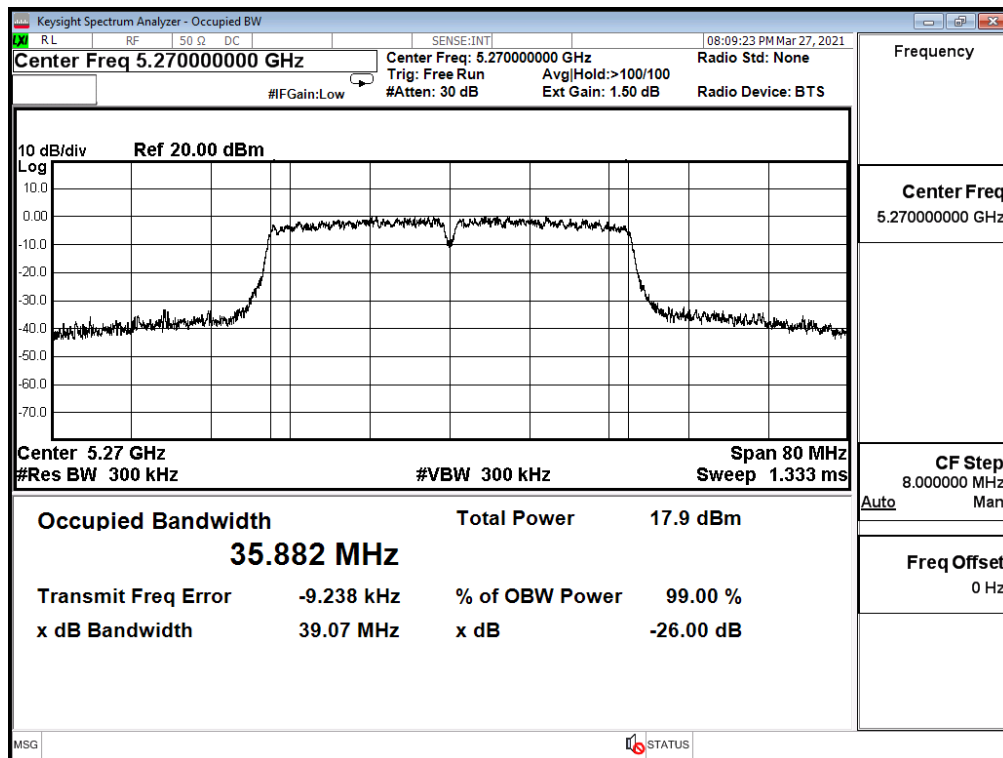
5230MHz_Ant.0



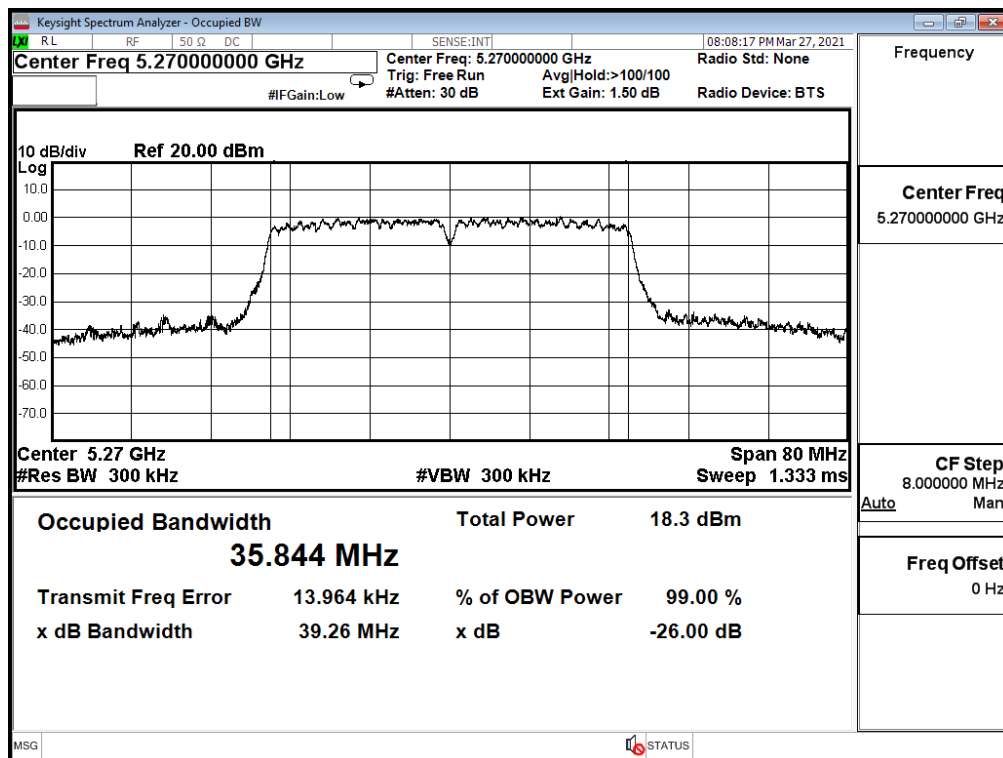
5230MHz_Ant.1



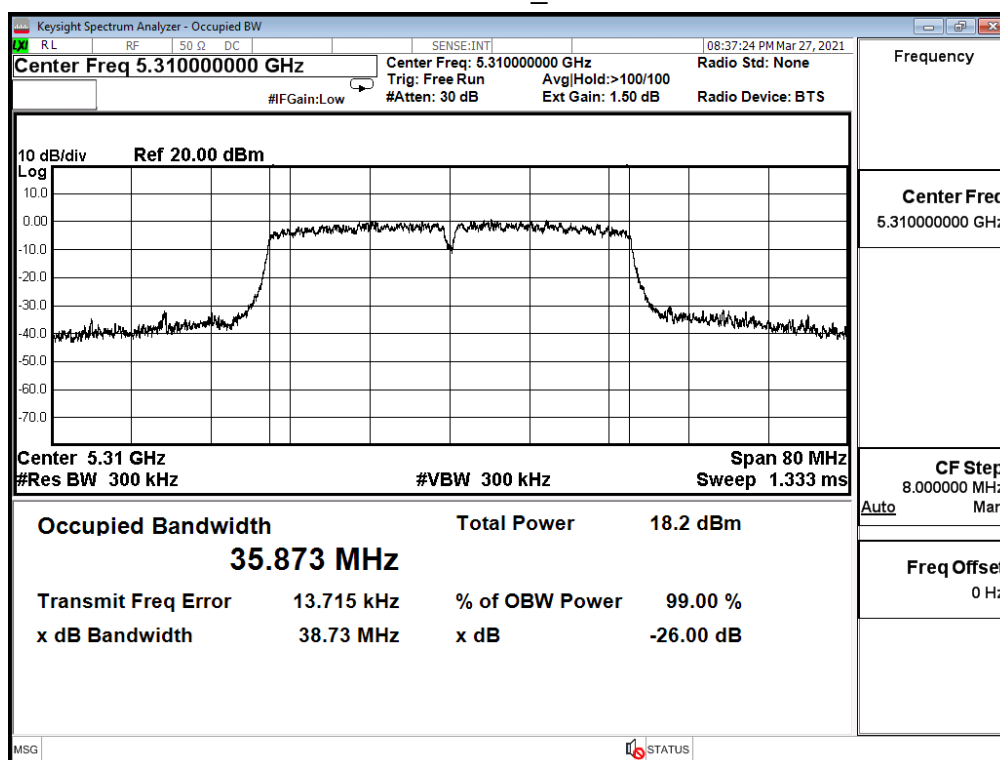
5270MHz_Ant.0



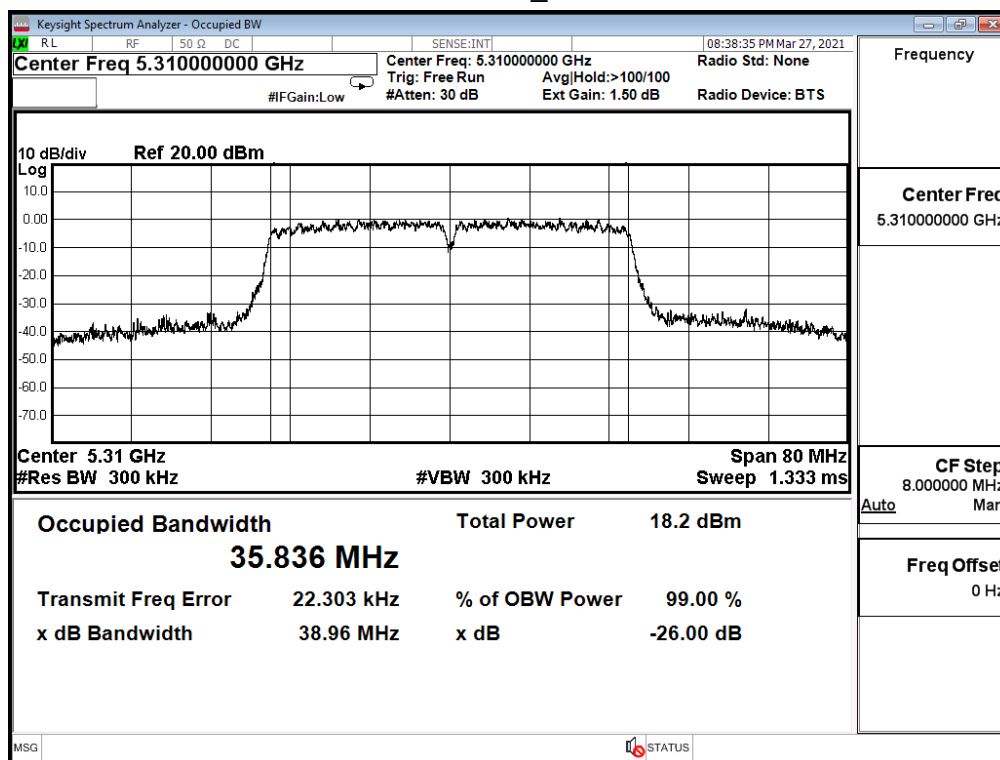
5270MHz_Ant.1



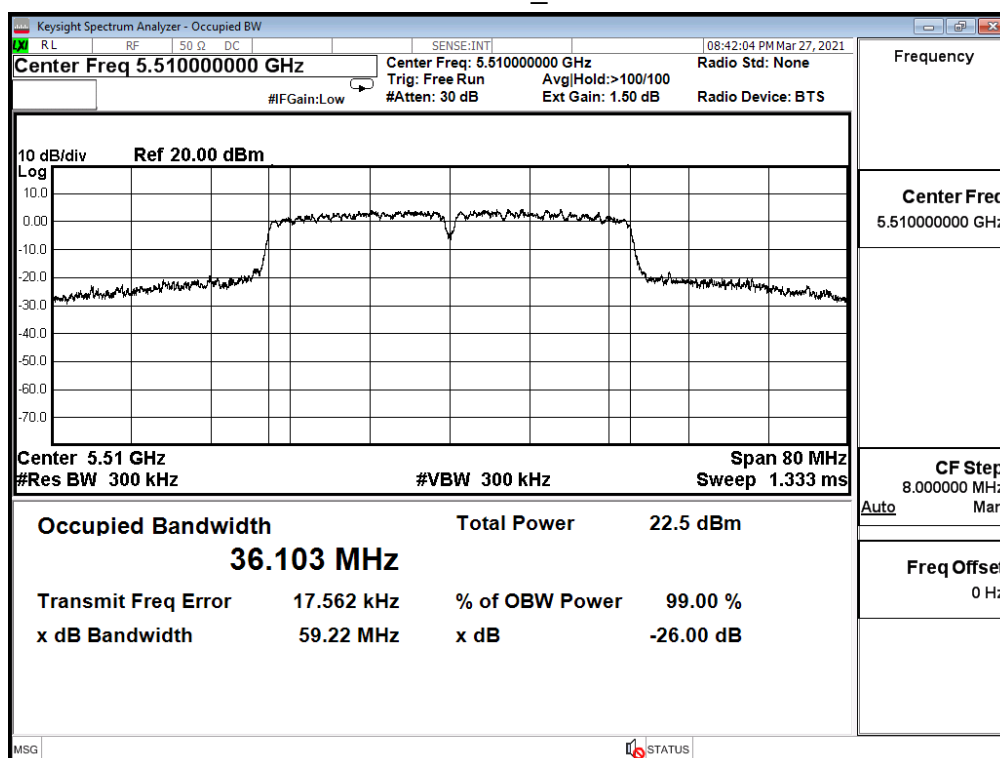
5310MHz_Ant.0



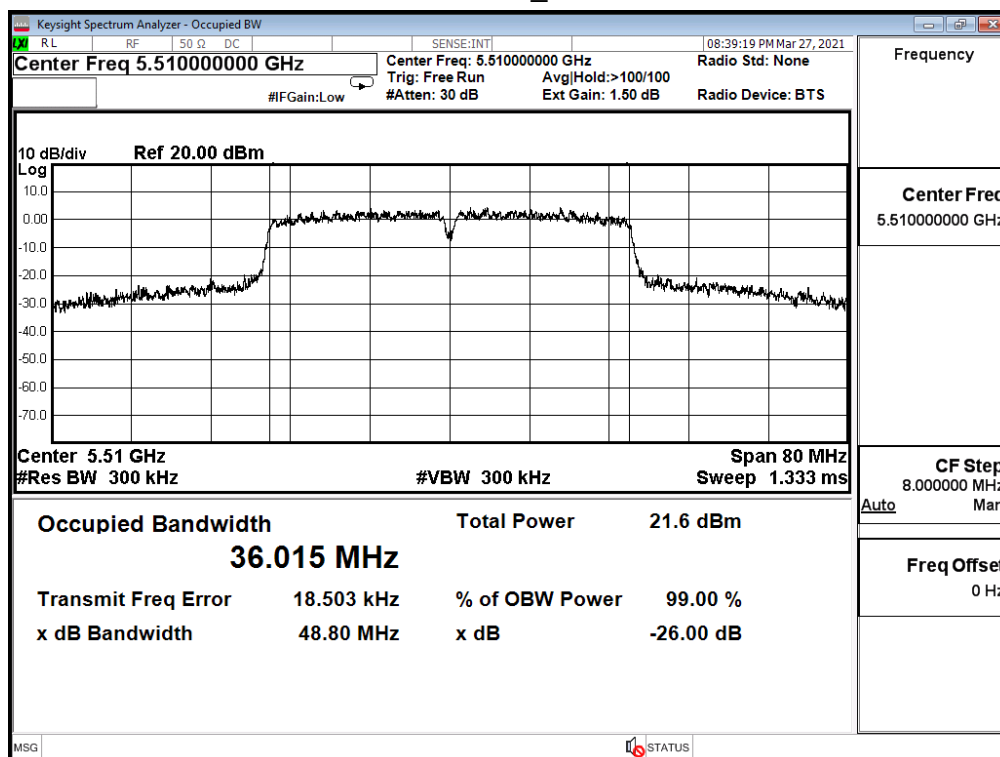
5310MHz_Ant.1



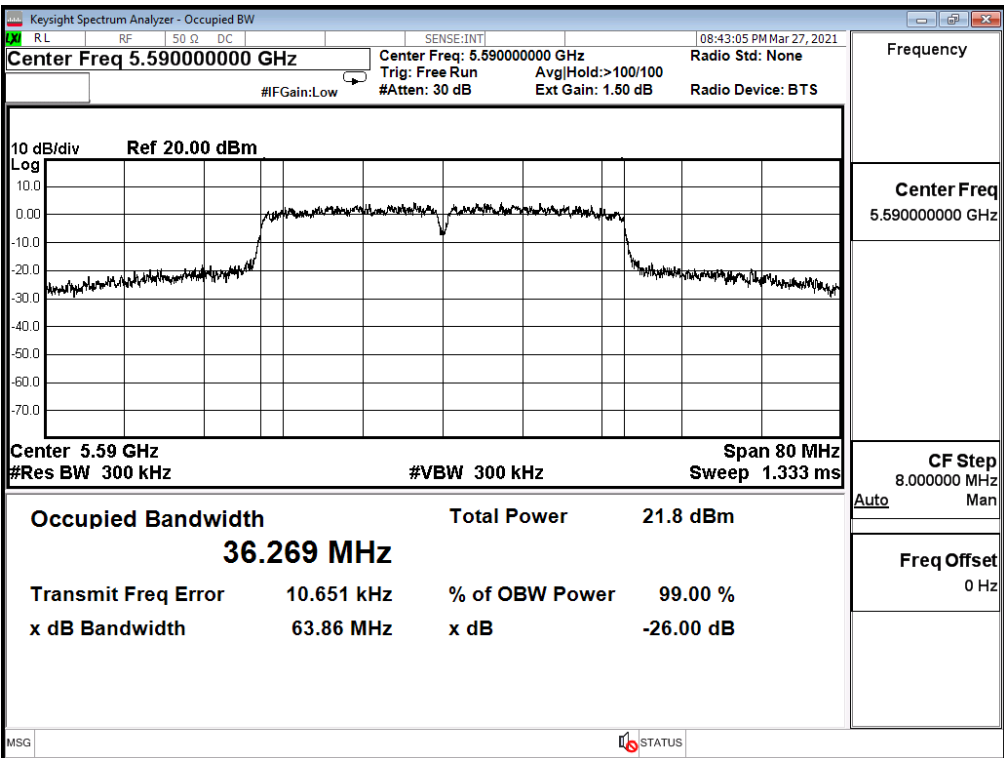
5510MHz_Ant.0



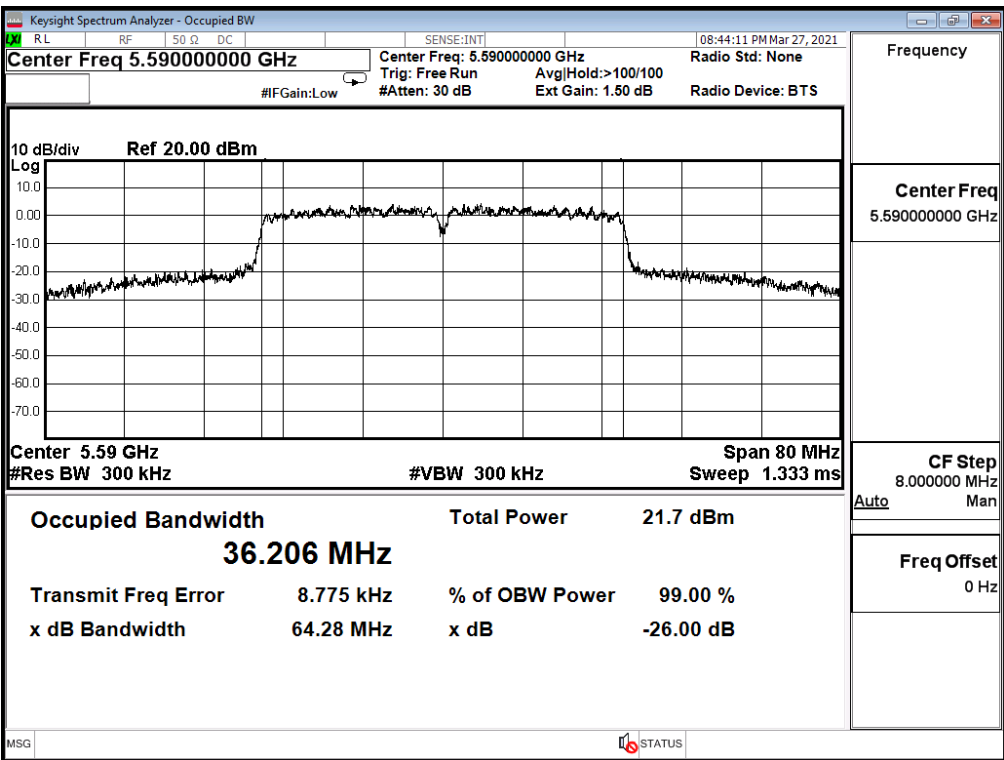
5510MHz_Ant.1



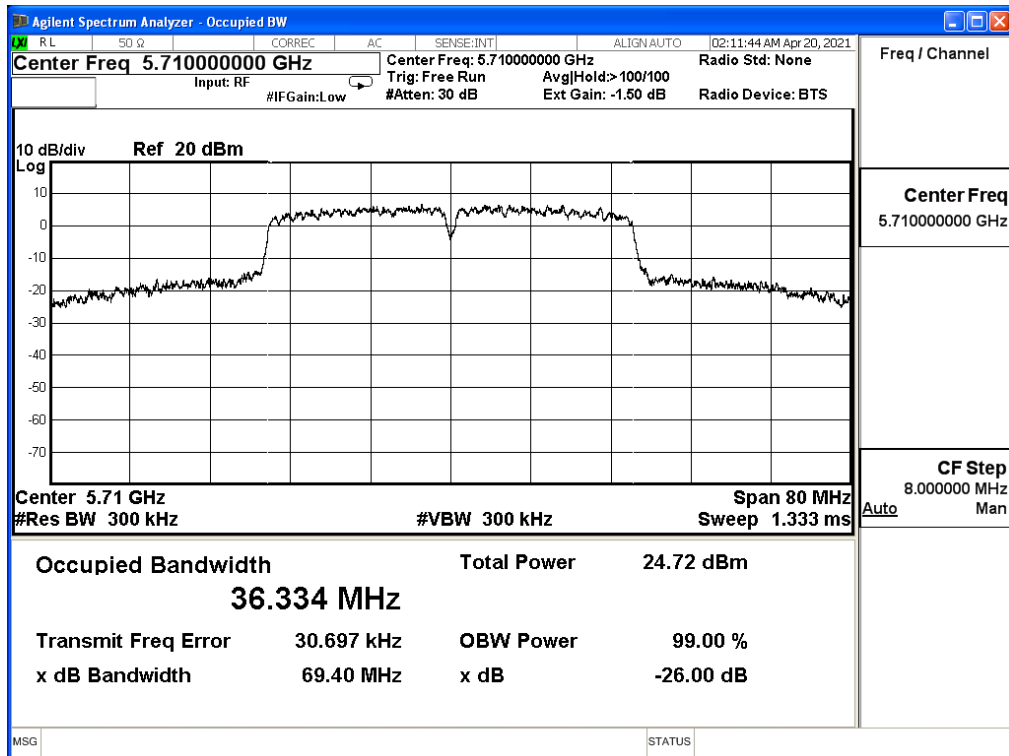
5590MHz_Ant.0



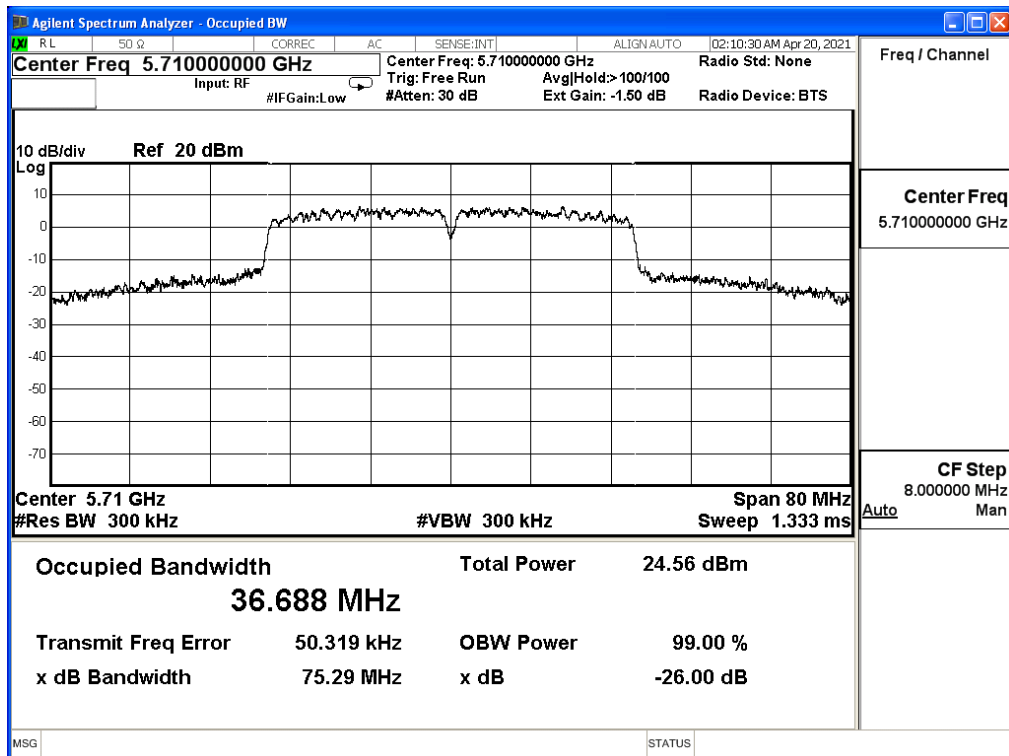
5590MHz_Ant.1



5710MHz_Ant.0



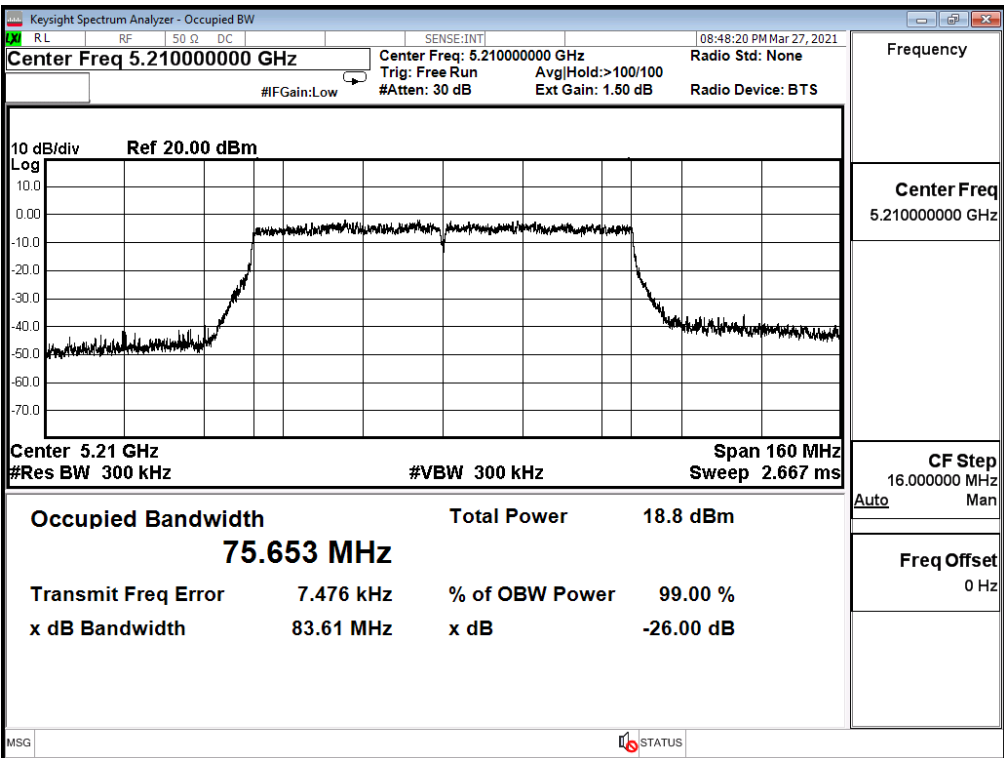
5710MHz_Ant.1



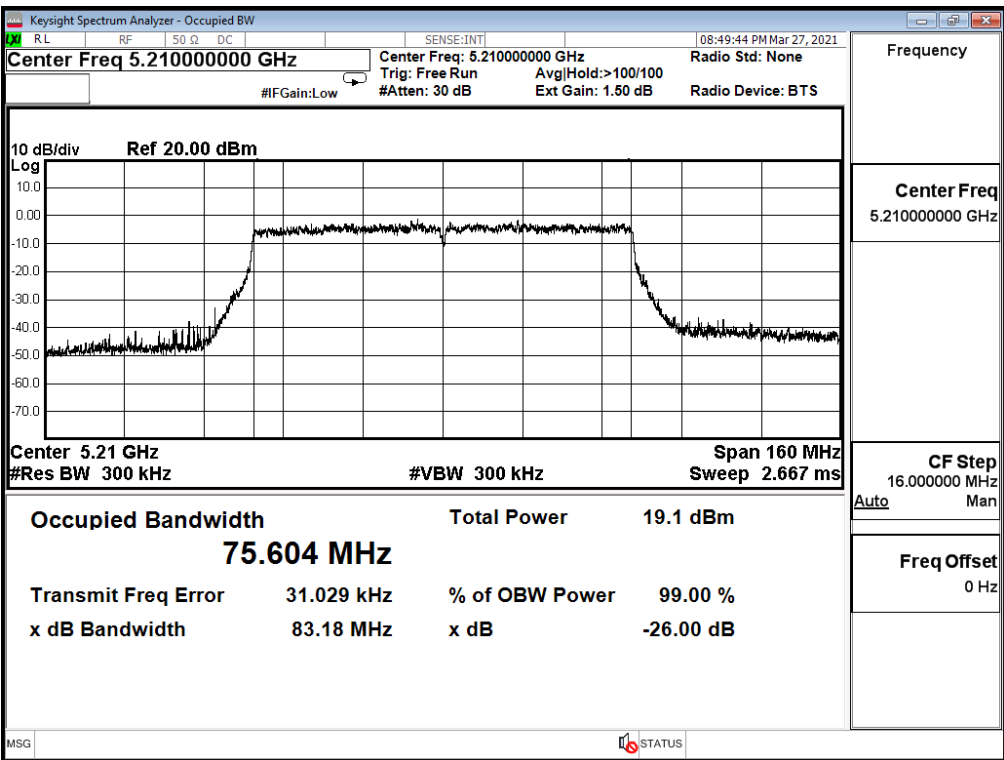
Product	Wireless LAN Access Point		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/27 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	65

Test Mode: 802.11ac(80MHz)			
Cable Loss= 1.5dB			
Frequency (MHz)	Reading Value (MHz)		Limit (MHz)
	Ant.0	Ant.1	
5210	75.653	75.604	80
5290	75.658	75.612	80
5530	75.881	75.779	80
5610	76.082	75.996	80
5690	76.054	76.178	80

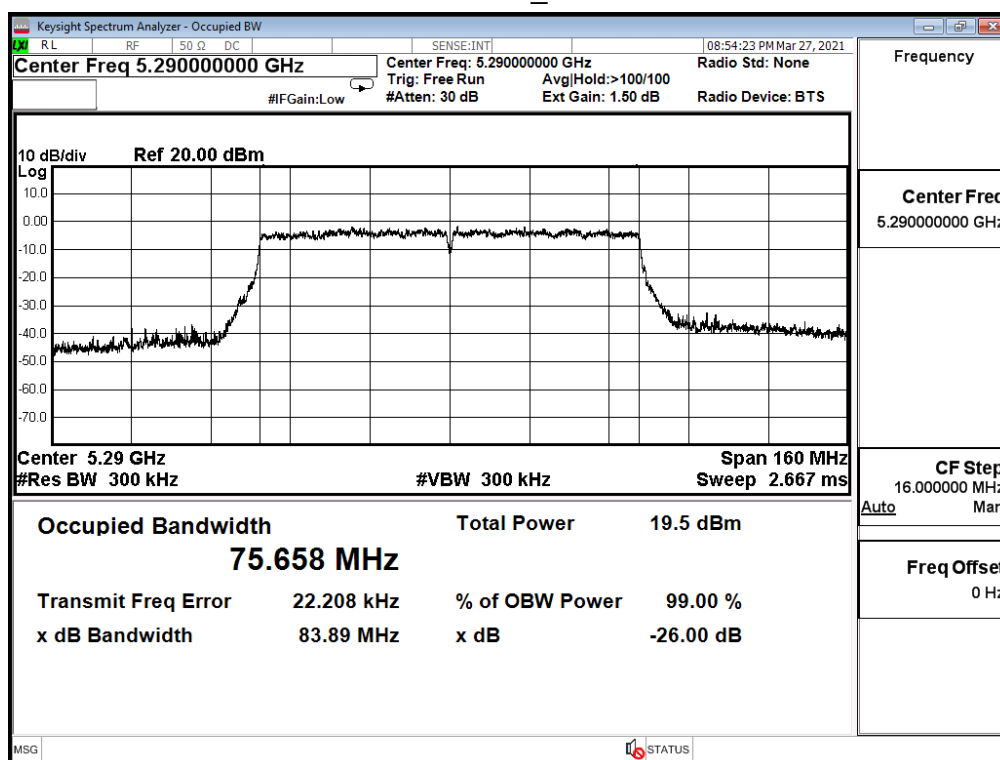
5210MHz_Ant.0



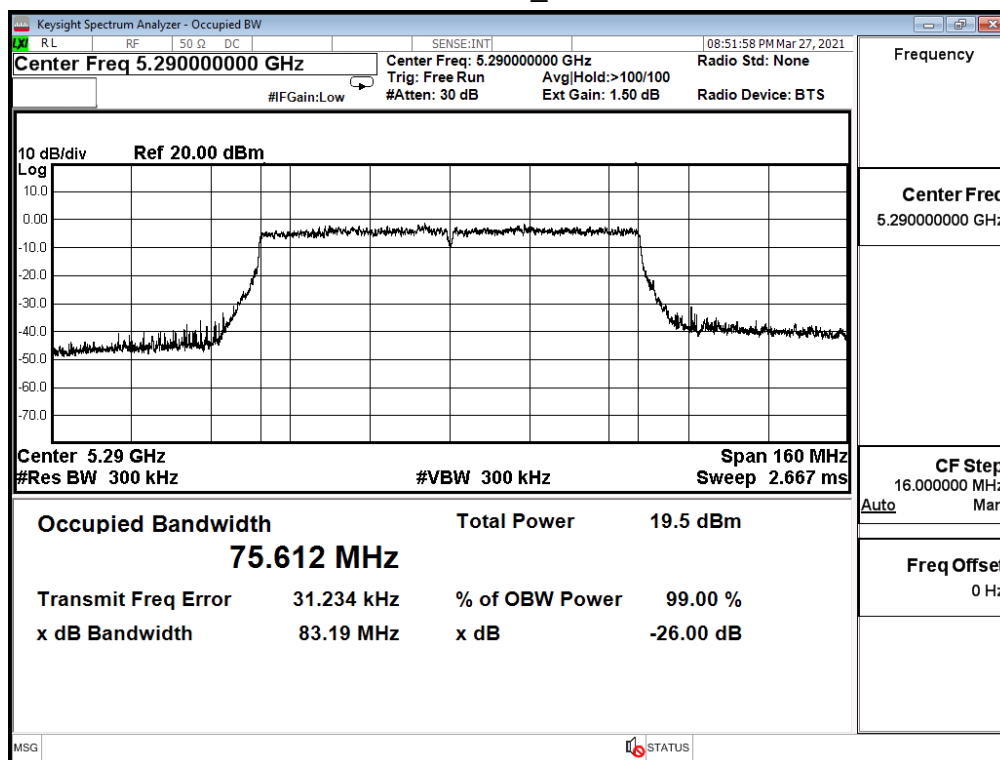
5210MHz_Ant.1



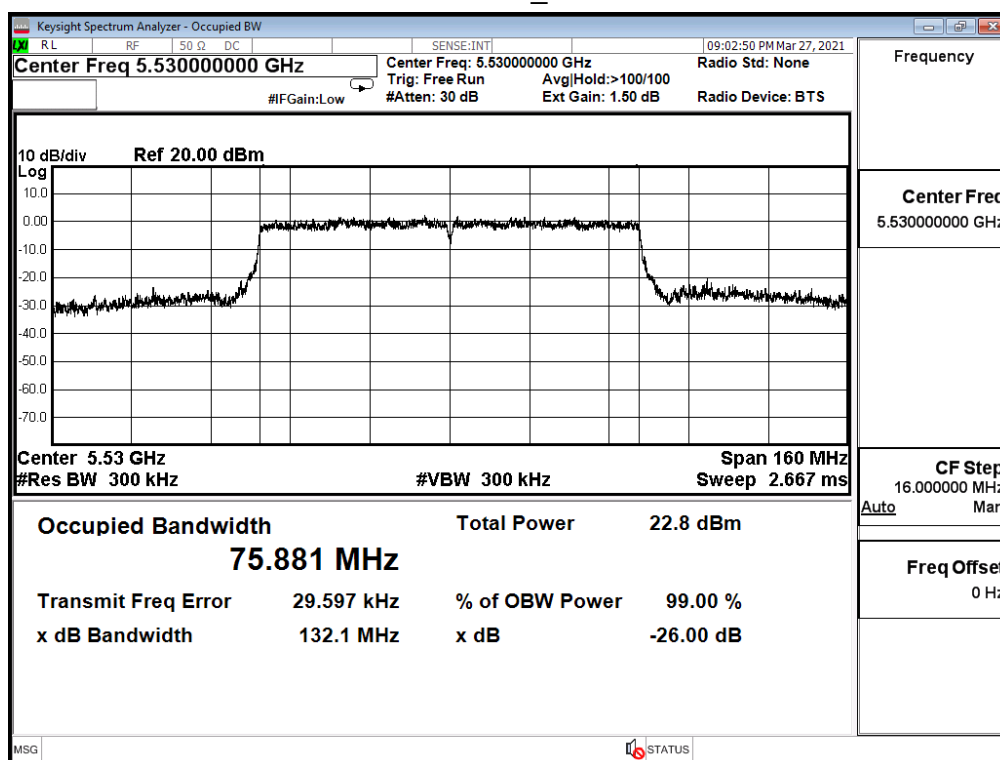
5290MHz_Ant.0



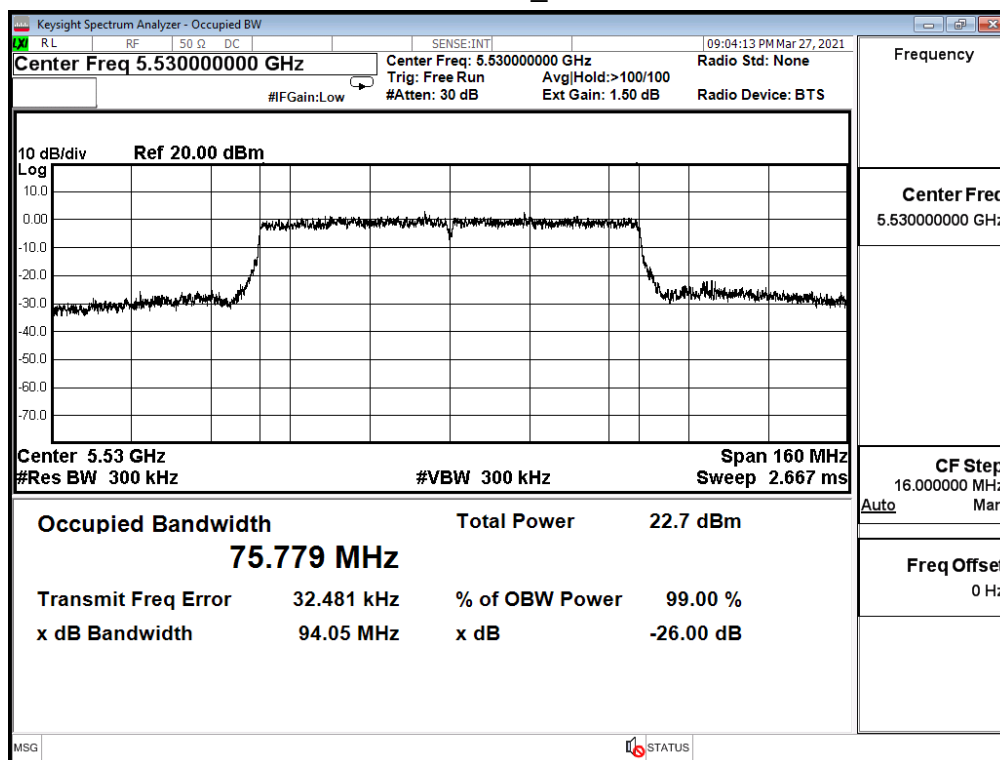
5290MHz_Ant.1



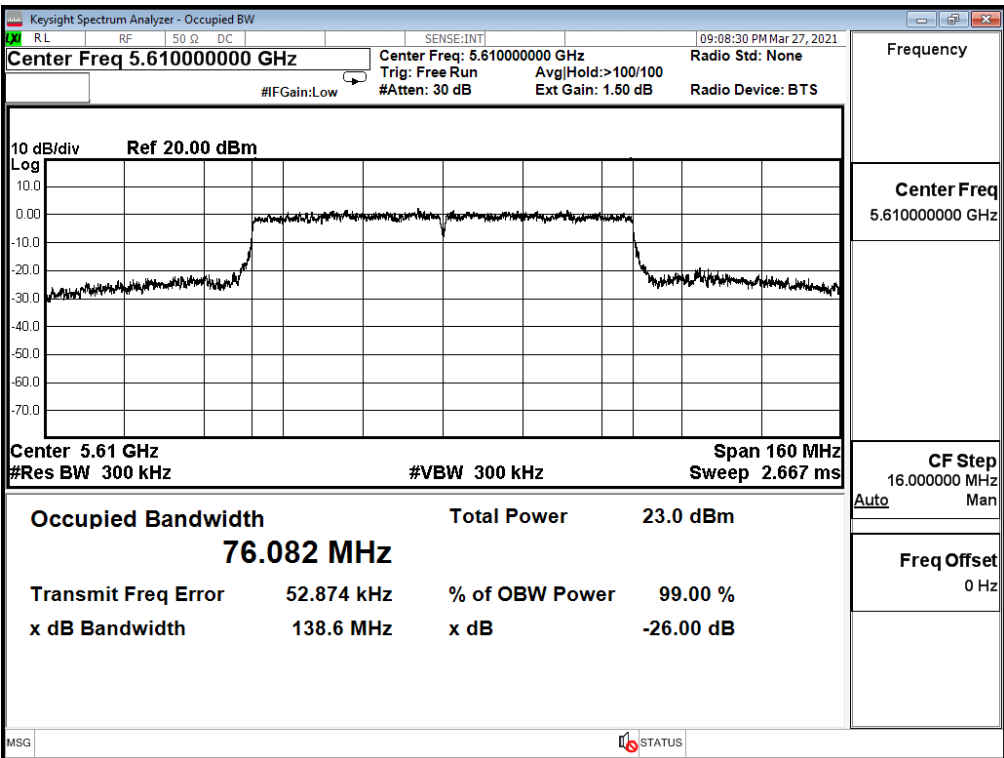
5530MHz_Ant.0



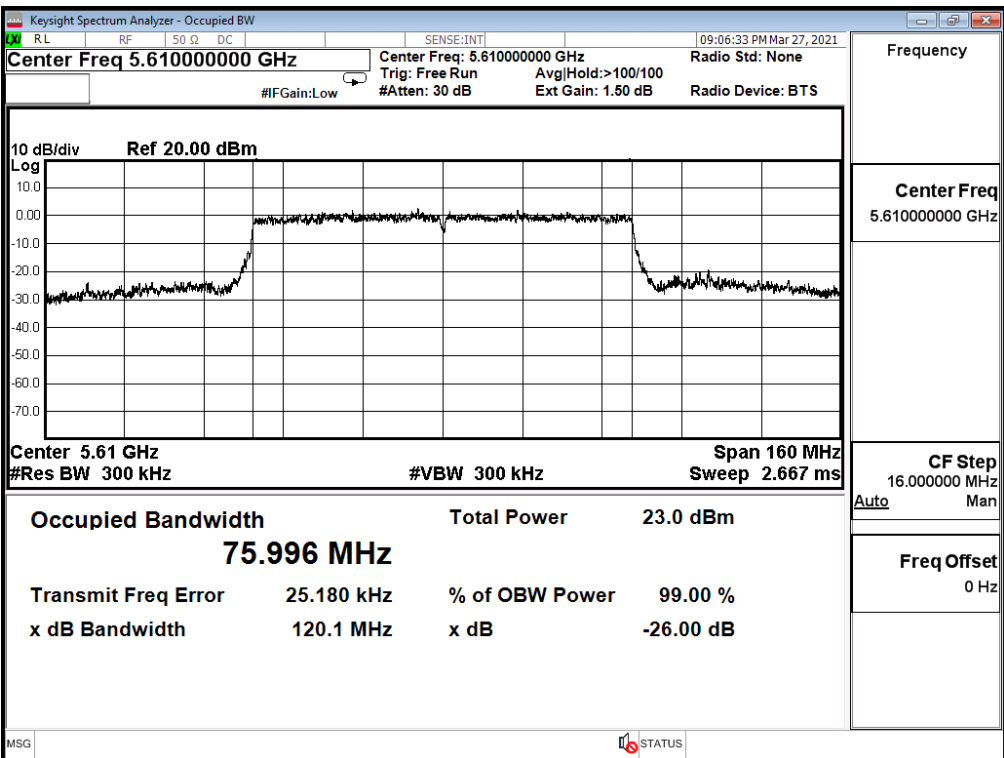
5530MHz_Ant.1



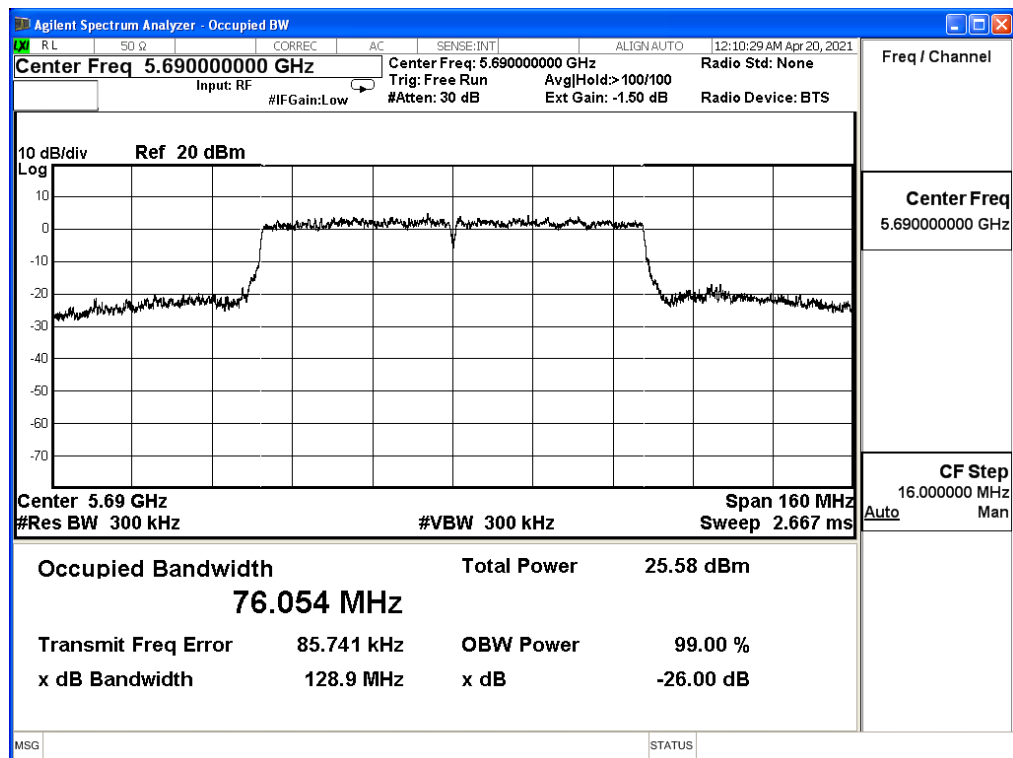
5610MHz_Ant.0



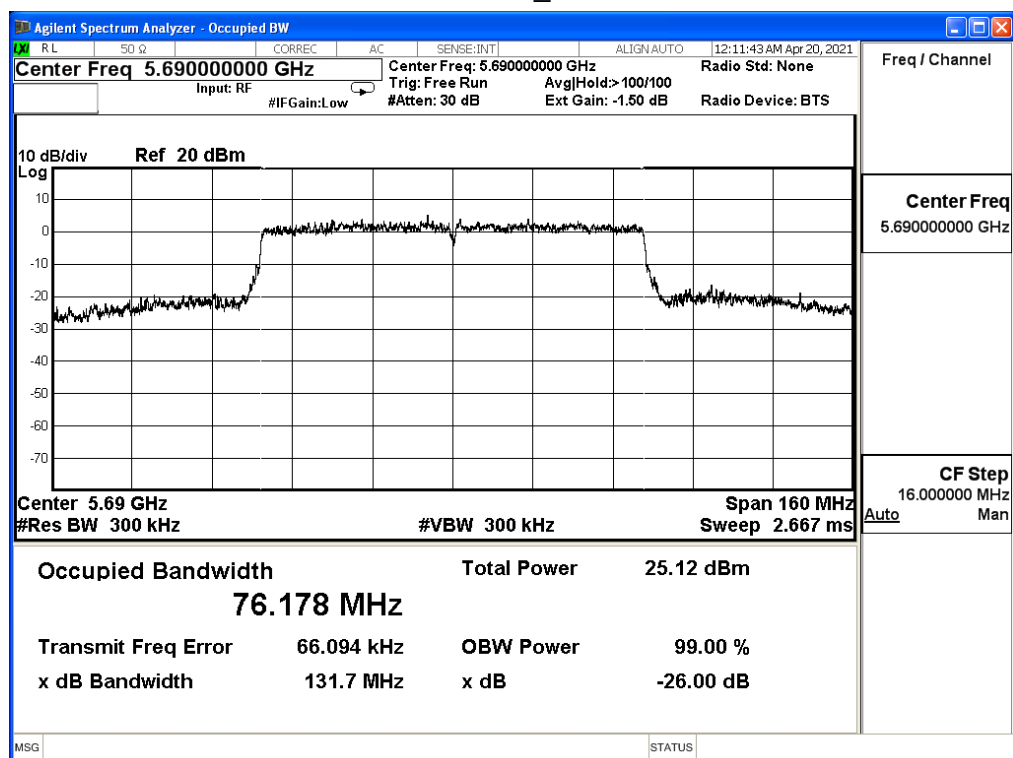
5610MHz_Ant.1



5690MHz_Ant.0



5690MHz_Ant.1

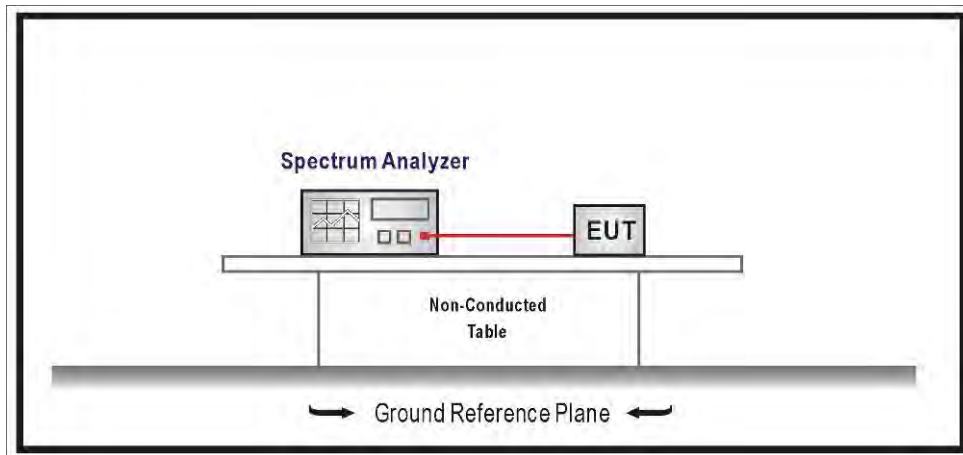


Test Result

Pass

5. Frequency Tolerance

5.1. Test Setup



5.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

5.3. Limits

Frequency Tolerance: ± 20 ppm

5.4. Test Result of Frequency Tolerance

Product	Wireless LAN Access Point		
Test Item	Frequency Tolerance		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/01	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

Frequency (MHz)	Working Voltage (V)	Ant.0		Ant.1		Limit (ppm)
		Output Power (mW/MHz)	Tolerance (ppm)	Output Power (mW/MHz)	Tolerance (ppm)	
5180.000	110	5179.98560	-2.77992	5179.98572	-2.75676	± 20
	100	5179.98728	-2.45560	5179.98670	-2.56757	
	90	5179.98590	-2.72201	5179.98582	-2.73745	
5190.000	110	5189.98570	-2.75530	5189.98610	-2.67823	± 20
	100	5189.98658	-2.58574	5189.98582	-2.73218	
	90	5189.98590	-2.71676	5189.98562	-2.77071	
5210.000	110	5209.98560	-2.76392	5209.98630	-2.62956	± 20
	100	5209.98610	-2.66795	5209.98738	-2.42226	
	90	5209.98572	-2.74088	5209.98678	-2.53743	
5220.000	110	5219.98532	-2.81226	5219.98688	-2.51341	± 20
	100	5219.98542	-2.79310	5219.98836	-2.22989	
	90	5219.98540	-2.79693	5219.98756	-2.38314	
5230.000	110	5229.98530	-2.81071	5229.98738	-2.41300	± 20
	100	5229.98532	-2.80688	5229.98926	-2.05354	
	90	5229.98522	-2.82600	5229.98808	-2.27916	
5240.000	110	5239.98512	-2.83969	5239.98670	-2.53817	± 20
	100	5239.98532	-2.80153	5239.98836	-2.22137	
	90	5239.98522	-2.82061	5239.98748	-2.38931	
5260.000	110	5259.98580	-2.69962	5259.98690	-2.49049	± 20
	100	5259.98698	-2.47529	5259.98836	-2.21293	
	90	5259.98620	-2.62357	5259.98758	-2.36122	

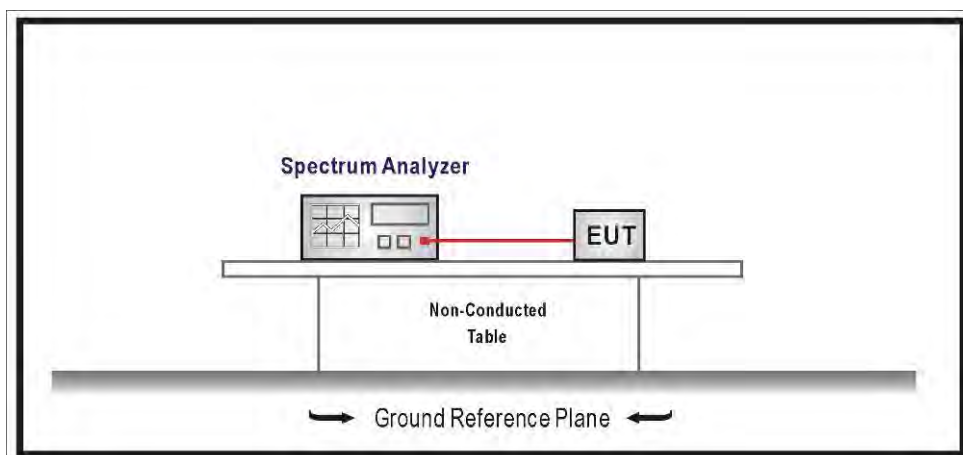
Frequency (MHz)	Working Voltage (V)	Ant.0		Ant.1		Limit (ppm)
		Output Power (mW/MHz)	Tolerance (ppm)	Output Power (mW/MHz)	Tolerance (ppm)	
5270.000	110	5269.98580	-2.69450	5269.98580	-2.69450	± 20
	100	5269.98668	-2.52751	5269.98638	-2.58444	
	90	5269.98620	-2.61860	5269.98602	-2.65275	
5290.000	110	5289.98522	-2.79395	5289.98542	-2.75614	± 20
	100	5289.98550	-2.74102	5289.98570	-2.70321	
	90	5289.98530	-2.77883	5289.98552	-2.73724	
5300.000	110	5299.98562	-2.71321	5299.99858	-0.26792	± 20
	100	5299.98630	-2.58491	5299.98678	-2.49434	
	90	5299.98590	-2.66038	5299.98630	-2.58491	
5310.000	110	5309.98552	-2.72693	5309.98540	-2.74953	± 20
	100	5309.98698	-2.45198	5309.98570	-2.69303	
	90	5309.98602	-2.63277	5309.98550	-2.73070	
5320.000	110	5319.98502	-2.81579	5319.98690	-2.46241	± 20
	100	5319.98530	-2.76316	5319.98916	-2.03759	
	90	5319.98522	-2.77820	5319.98818	-2.22180	
5500.000	110	5499.98452	-2.81455	5499.98570	-2.60000	± 20
	100	5499.98512	-2.70545	5499.98738	-2.29455	
	90	5499.98472	-2.77818	5499.98650	-2.45455	
5510.000	110	5509.98444	-2.82396	5509.98552	-2.62795	± 20
	100	5509.98444	-2.82396	5509.98708	-2.34483	
	90	5509.98442	-2.82759	5509.98620	-2.50454	
5530.000	110	5529.98452	-2.79928	5529.98464	-2.77758	± 20
	100	5529.98442	-2.81736	5529.98492	-2.72694	
	90	5529.98452	-2.79928	5529.98482	-2.74503	
5590.000	110	5589.98442	-2.78712	5589.98424	-2.81932	± 20
	100	5589.98424	-2.81932	5589.98432	-2.80501	
	90	5589.98432	-2.80501	5589.98422	-2.82290	

Frequency (MHz)	Working Voltage (V)	Ant.0		Ant.1		Limit (ppm)
		Output Power (mW/MHz)	Tolerance (ppm)	Output Power (mW/MHz)	Tolerance (ppm)	
5600.000	110	5599.98452	-2.76429	5599.98434	-2.79643	± 20
	100	5599.98434	-2.79643	5599.98482	-2.71071	
	90	5599.98444	-2.77857	5599.98442	-2.78214	
5610.000	110	5609.98590	-2.51337	5609.98422	-2.81283	± 20
	100	5609.98580	-2.53119	5609.98444	-2.77362	
	90	5609.98582	-2.52763	5609.98434	-2.79144	
5690.000	110	5689.99004	-1.75044	5689.99042	-1.68366	± 20
	100	5689.98974	-1.80316	5689.99052	-1.66608	
	90	5689.98992	-1.77153	5689.99062	-1.64851	
5710.000	110	5709.99022	-1.71278	5709.98992	-1.76532	± 20
	100	5709.99034	-1.69177	5709.98974	-1.79685	
	90	5709.99042	-1.67776	5709.98984	-1.77933	
5720.000	110	5719.98964	-1.81119	5719.98974	-1.79371	± 20
	100	5719.99022	-1.70979	5719.98984	-1.77622	
	90	5719.98974	-1.79371	5719.98984	-1.77622	

FT (ppm) = {(RF-MF) / MF} * 1000000

6. Adjacent Channel Emitted power and Out-Band Leakage Power

6.1. Test Setup



6.2. Test Procedure

- A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output
- A positive peak detector function must be used.
- A measurement instrument with an adjacent channel power function may be used to automate the test process.
- The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result

6.3. Limits

Adjacent Channel Emitted Power:

Adjacent Channel	ACLR Limit Relative to Assigned Channel Frequency (dB)
1 st adjacent channel	25
2 nd adjacent channel	40

Out-Band Leakage Power:

1. When using emission of W52 Band and 20MHz Bandwidth:

1.1. Occupied Bandwidth $\leq 18\text{MHz}$:

Classification		Equipment isotropically radiated power within a bandwidth of 1MHz
Frequency Band	Frequency (f) of the difference from 5240MHz	
5140 – 5142MHz	$-100 \leq f < -98$	$\leq 2.5\mu\text{W}$
5142 – 5150MHz	$-98 \leq f < -90$	$\leq 15\mu\text{W}$
5250 – 5251MHz	$10 \leq f < 11$	$\leq 10^{1-(f-9)} \text{ mW}$
5251 – 5260MHz	$11 \leq f < 20$	$\leq 10^{-1-(8/90)(f-11)} \text{ mW}$
5260 – 5266.7MHz	$20 \leq f < 26.7$	$\leq 10^{-1.8-(6/50)(f-20)} \text{ mW}$
5266.7 – 5360MHz	$26.7 \leq f < 120$	$\leq 2.5\mu\text{W}$

1.2. Occupied Bandwidth between 18 ~ 19MHzMHz:

Classification		Equipment isotropically radiated power within a bandwidth of 1MHz
Frequency Band	Frequency (f) of the difference from 5240MHz	
5135 – 5142MHz	$-105 \leq f < -98$	$\leq 2.5\mu\text{W}$
5142 – 5150MHz	$-98 \leq f < -90$	$\leq 15\mu\text{W}$
5250 – 5251MHz	$10 \leq f < 11$	$\leq 10^{1-(f-9)} \text{ mW}$
5251 – 5260MHz	$11 \leq f < 20$	$\leq 10^{-1-(8/90)(f-11)} \text{ mW}$
5260 – 5266.7MHz	$20 \leq f < 26.7$	$\leq 10^{-1.8-(6/50)(f-20)} \text{ mW}$
5266.7 – 5365MHz	$26.7 \leq f < 125$	$\leq 2.5\mu\text{W}$

2. When using emission of W52 Band and 40MHz Bandwidth:

Classification		Equipment isotropically radiated power within a bandwidth of 1MHz
Frequency Band	Frequency (f) of the difference from 5230MHz	
5100 – 5142MHz	$-130 \leq f < -88$	$\leq 2.5\mu\text{W}$
5142 – 5150MHz	$-88 \leq f < -80$	$\leq 15\mu\text{W}$
5250 – 5251MHz	$20 \leq f < 21$	$\leq 10^{-(f-20)+\log(1/2)} \text{ mW}$
5251 – 5270MHz	$21 \leq f < 40$	$\leq 10^{-(8/190)(f-21)-1+\log(1/2)} \text{ mW}$
5270 – 5275.8MHz	$40 \leq f < 45.8$	$\leq 10^{-(17/200)(f-40)-1.8+\log(1/2)} \text{ mW}$
5275.8 – 5400MHz	$45.8 \leq f < 170$	$\leq 2.5\mu\text{W}$

3. When using emission of W52 Band and 80MHz Bandwidth:

Classification		Equipment isotropically radiated power within a bandwidth of 1MHz
Frequency Band	Frequency (f) of the difference from 5230MHz	
5020 – 5123.2MHz	$-190 \leq f < -86.8$	$\leq 2.5\mu\text{W}$
5123.2 – 5150 MHz	$-86.8 \leq f < -60$	$\leq 15\mu\text{W}$
5250 – 5251MHz	$40 \leq f < 41$	$\leq 10^{-(f-40)+\log(1/4)} \text{ mW}$
5251 – 5290MHz	$41 \leq f < 80$	$\leq 10^{-(8/390)(f-41)-1+\log(1/4)} \text{ mW}$
5290 – 5296.7MHz	$80 \leq f < 86.7$	$\leq 10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{ mW}$
5296.7 – 5480MHz	$86.7 \leq f < 270$	$\leq 2.5\mu\text{W}$

4. When using emission of W53 Band and 20MHz Bandwidth:

4.1. Occupied Bandwidth $\leq 18\text{MHz}$:

Classification		Equipment isotropically radiated power within a bandwidth of 1MHz
Frequency Band	Frequency (f) of the difference from 5260MHz	
5140 – 5233.3MHz	$-120 \leq f < -26.7$	$\leq 2.5\mu\text{W}$
5233.3 – 5240MHz	$-26.7 \leq f < -20$	$\leq 10^{-1.8-(6/50)(f-20)} \text{ mW}$
5240 – 5249MHz	$-20 \leq f < -11$	$\leq 10^{-1-(8/90)(f-11)} \text{ mW}$
5249 – 5250MHz	$-11 \leq f < -10$	$\leq 10^{1-(f-9)} \text{ mW}$
5350 – 5360MHz	$90 \leq f < 100$	$\leq 2.5\mu\text{W}$

4.2. Occupied Bandwidth between 18 ~ 19MHzMHz:

Classification		Equipment isotropically radiated power within a bandwidth of 1MHz
Frequency Band	Frequency (f) of the difference from 5260MHz	
5135 – 5233.3MHz	$-125 \leq f < -26.7$	$\leq 2.5\mu\text{W}$
5233.3 – 5240MHz	$-26.7 \leq f < -20$	$\leq 10^{-1.8-(6/50)(f-20)} \text{ mW}$
5240 – 5249MHz	$-20 \leq f < -11$	$\leq 10^{-1-(8/90)(f-11)} \text{ mW}$
5249 – 5250MHz	$-11 \leq f < -10$	$\leq 10^{1-(f-9)} \text{ mW}$
5350 – 5365MHz	$90 \leq f < 105$	$\leq 2.5\mu\text{W}$

5. When using emission of W53 Band and 40MHz Bandwidth:

Classification		Equipment isotropically radiated power within a bandwidth of 1MHz
Frequency Band	Frequency (f) of the difference from 5270MHz	
5100 – 5224.2MHz	$-170 \leq f < -45.8$	$\leq 2.5\mu\text{W}$
5224.2 – 5230MHz	$-45.8 \leq f < -40$	$\leq 10^{-(17/200)(f-40 -1.8+\log(1/2))} \text{mW}$
5230 – 5249MHz	$-40 \leq f < -21$	$\leq 10^{-(8/190)(f-21 -1+\log(1/2))} \text{mW}$
5249 – 5250MHz	$-21 \leq f < -20$	$\leq 10^{-(f-20 +\log(1/2))} \text{mW}$
5350 – 5355.8MHz	$80 \leq f < 85.8$	$\leq 15\mu\text{W}$
5355.8 – 5400MHz	$85.8 \leq f < 130$	$\leq 2.5\mu\text{W}$

6. When using emission of W53 Band and 80MHz Bandwidth:

Classification		Equipment isotropically radiated power within a bandwidth of 1MHz
Frequency Band	Frequency (f) of the difference from 5270MHz	
5250 – 5203.3MHz	$-270 \leq f < -86.7$	$\leq 2.5\mu\text{W}$
5203.3 – 5210MHz	$-86.7 \leq f < -80$	$\leq 10^{-(3/100)(f-80 -1.8+\log(1/4))} \text{mW}$
5210 – 5249MHz	$-80 \leq f < -41$	$\leq 10^{-(8/390)(f-41 -1+\log(1/4))} \text{mW}$
5249 – 5250MHz	$-41 \leq f < -40$	$\leq 10^{-(f-40 +\log(1/4))} \text{mW}$
5350 – 5376.8MHz	$60 \leq f < 86.8$	$\leq 15\mu\text{W}$
5376.8 – 5480MHz	$86.8 \leq f < 190$	$\leq 2.5\mu\text{W}$

7. When using emission of W56 Band and 20MHz Bandwidth:

Frequency Band	Equipment isotropically radiated power within a bandwidth of 1MHz
5455 – 5460MHz	$\leq 2.5\mu\text{W}$
5460 – 5470MHz	$\leq 12.5\mu\text{W}$
5725 – 5740MHz	$\leq 12.5\mu\text{W}$
5740 – 5745MHz	$\leq 2.5\mu\text{W}$

8. When using emission of W56 Band and 40MHz Bandwidth:

Frequency Band	Equipment isotropically radiated power within a bandwidth of 1MHz
5420 – 5460MHz	$\leq 12.5\mu\text{W}$
5460 – 5470MHz	$\leq 50\mu\text{W}$
5725 – 5760MHz	$\leq 12.5\mu\text{W}$

9. When using emission of W56 Band and 80MHz Bandwidth:

Frequency Band	Equipment isotropically radiated power within a bandwidth of 1MHz
5340 – 5460MHz	$\leq 12.5\mu\text{W}$
5460 – 5469.5MHz	$\leq 50\mu\text{W}$
5469.5 – 5470MHz	$\leq 51.2\mu\text{W}$
5725 – 5800MHz	$\leq 12.5\mu\text{W}$

6.4. Test Result of Adjacent Channel Emitted Power

Product	Wireless LAN Access Point		
Test Item	Adjacent Channel Emitted Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/29 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	62

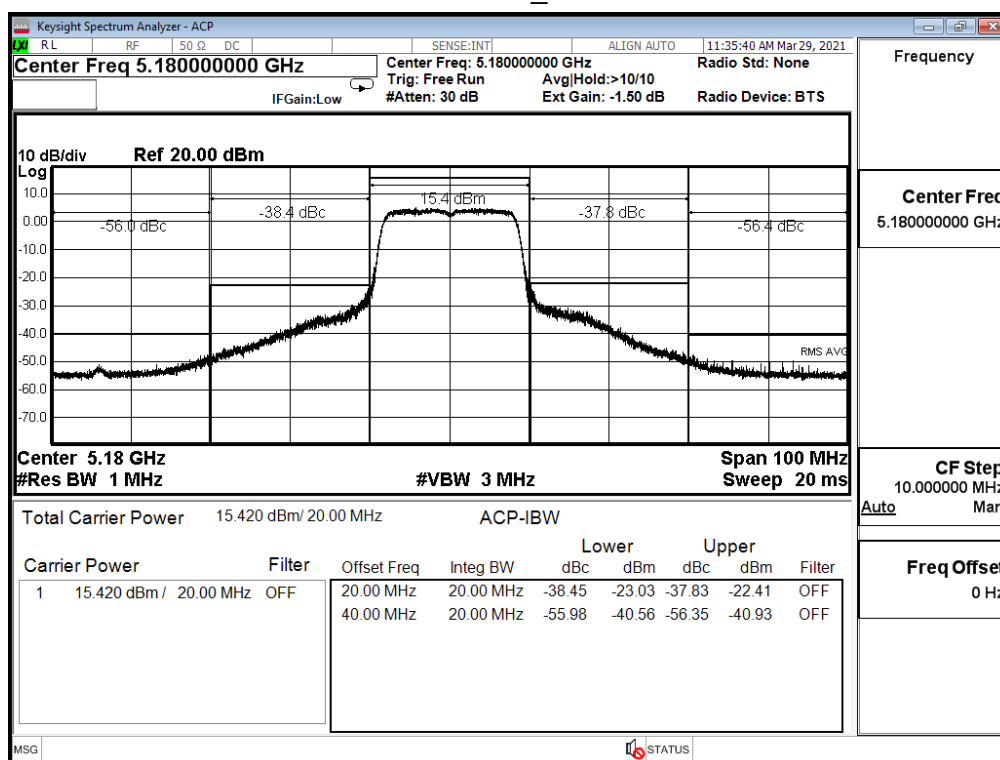
Test Mode: 802.11a, Ant.0

Centre Frequency (MHz)	1 st Adjacent Channel Emitted power			2 nd Adjacent Channel Emitted power		
	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)
5180	38.45	37.83	≥25	55.98	56.35	≥40
5220	39.91	39.28	≥25	56.52	56.89	≥40
5240	39.73	39.21	≥25	56.48	56.79	≥40
5260	40.33	39.70	≥25	56.47	56.64	≥40
5300	39.86	39.18	≥25	57.03	56.82	≥40
5320	39.26	38.60	≥25	57.13	56.94	≥40
5500	29.33	29.13	≥25	52.13	52.94	≥40
5600	29.69	29.19	≥25	52.00	52.38	≥40
5720	28.11	27.91	≥25	51.48	51.77	≥40

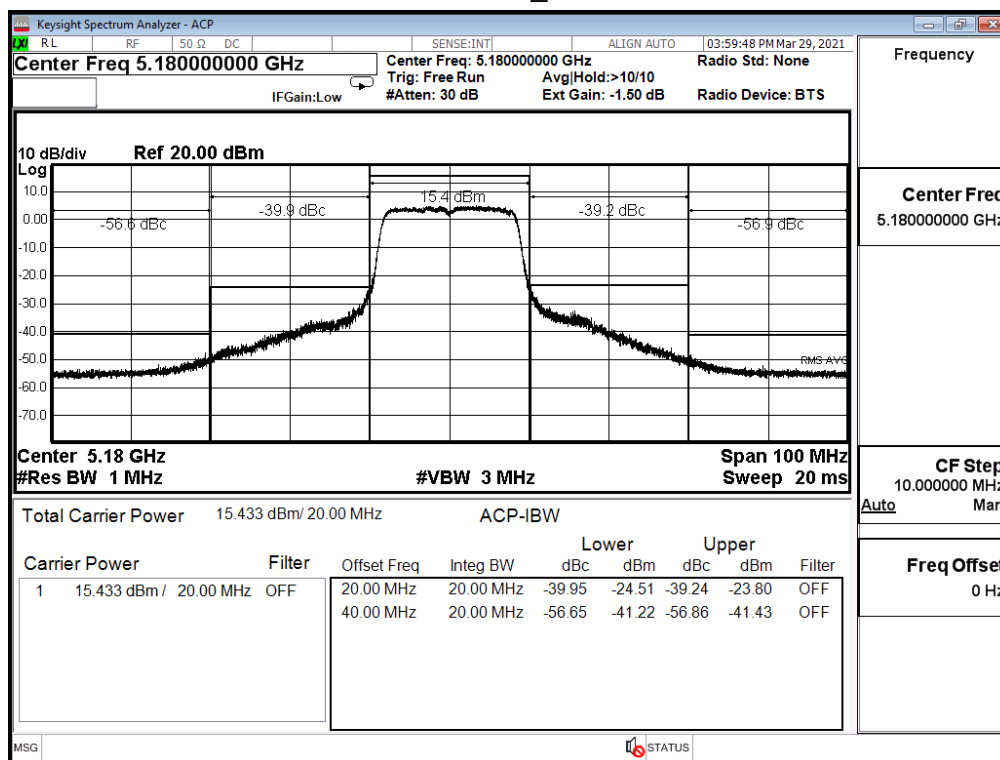
Test Mode: 802.11a, Ant.1

Centre Frequency (MHz)	1 st Adjacent Channel Emitted power			2 nd Adjacent Channel Emitted power		
	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)
5180	39.95	39.24	≥25	56.65	56.86	≥40
5220	41.89	41.06	≥25	56.64	57.13	≥40
5240	41.57	40.84	≥25	56.64	57.11	≥40
5260	42.04	41.37	≥25	56.66	57.09	≥40
5300	41.10	40.32	≥25	57.69	57.87	≥40
5320	40.82	40.07	≥25	56.95	56.66	≥40
5500	30.28	29.81	≥25	52.42	53.20	≥40
5600	31.04	30.31	≥25	53.29	53.47	≥40
5720	26.61	26.32	≥25	50.70	50.80	≥40

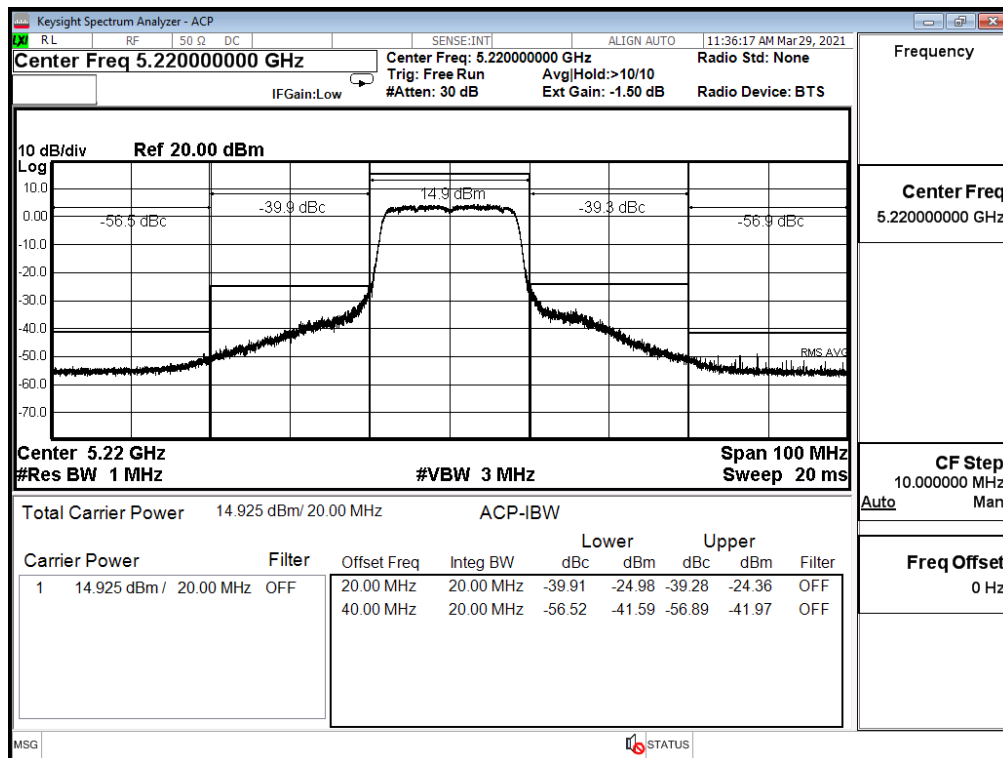
5180MHz_Ant.0



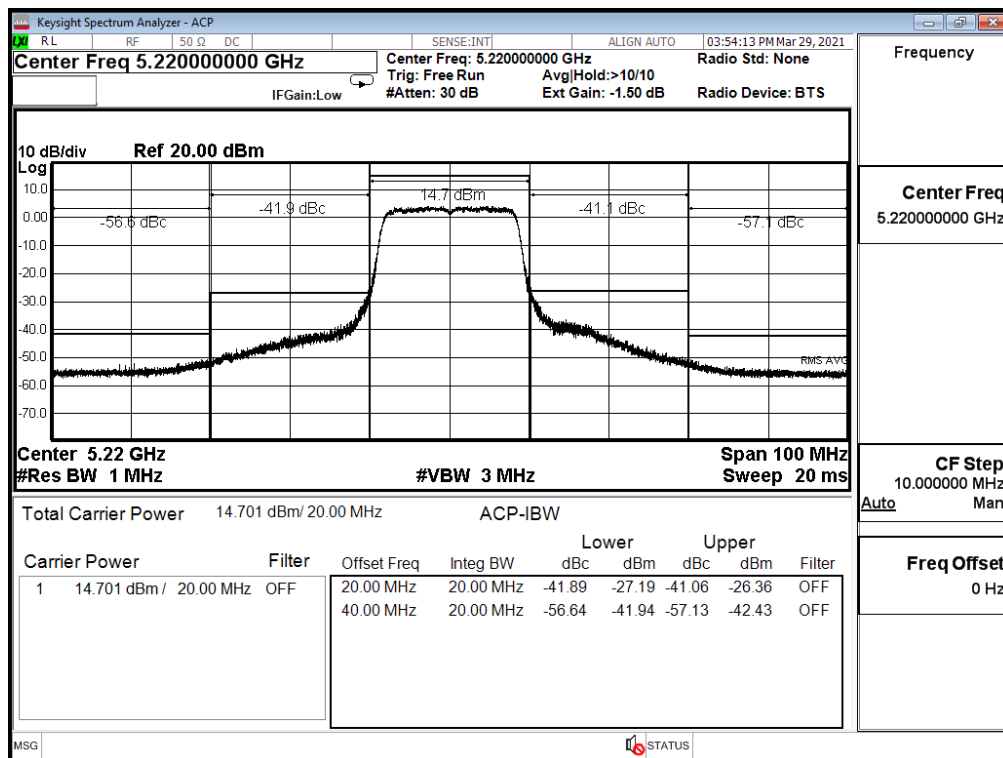
5180MHz_Ant.1



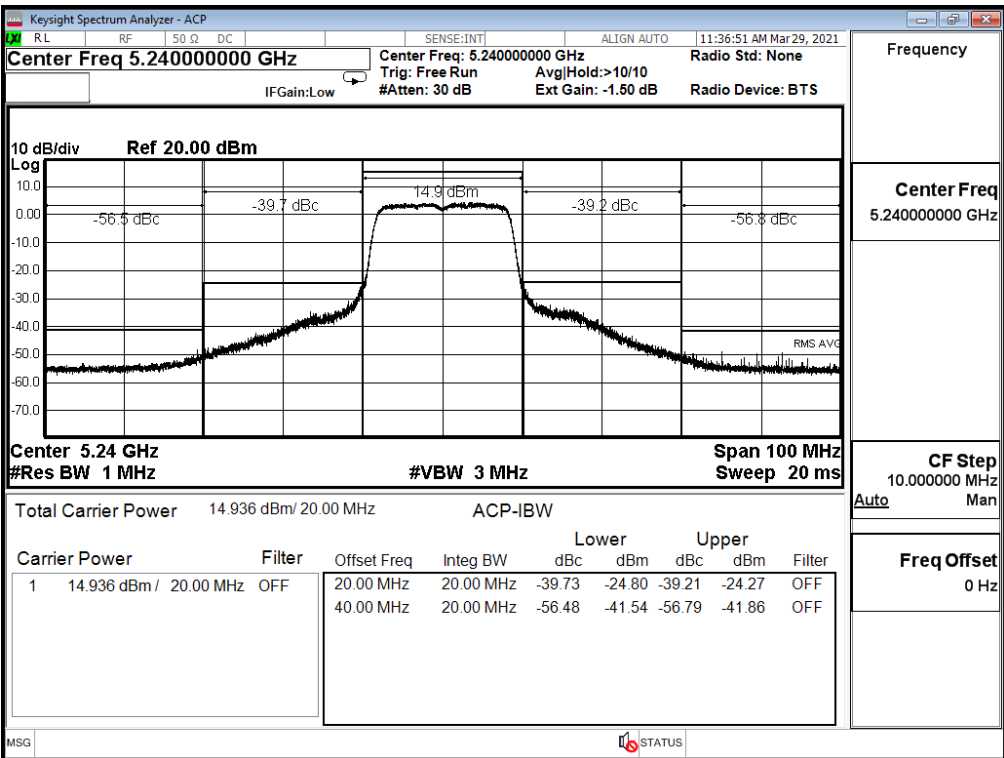
5220MHz_Ant.0



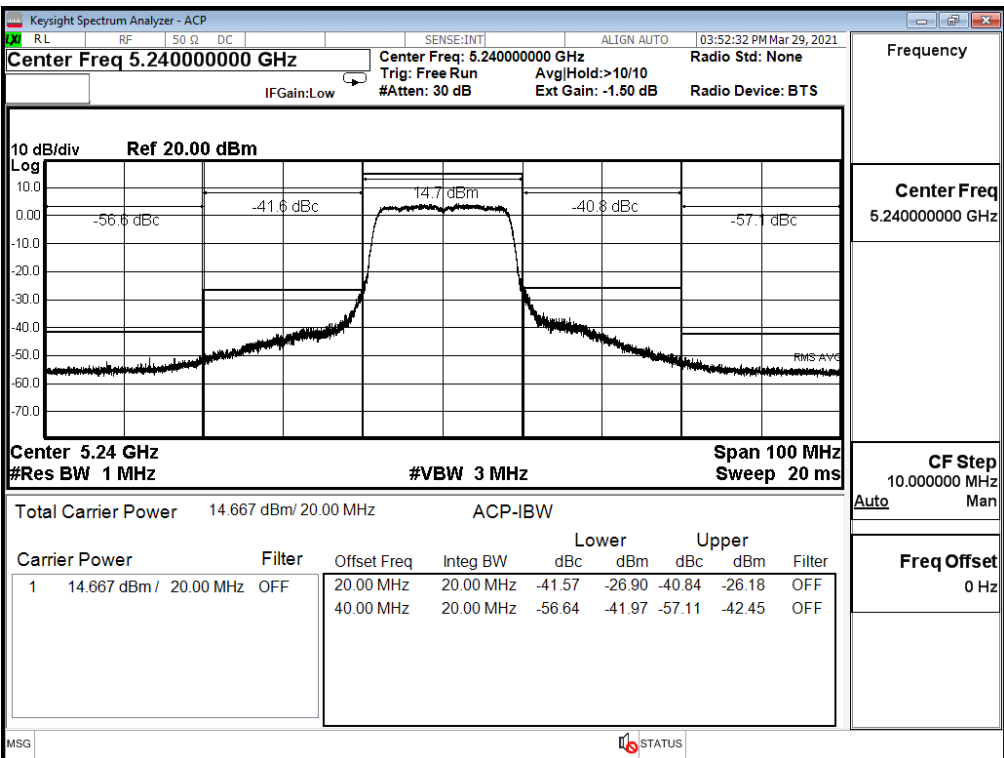
5220MHz_Ant.1



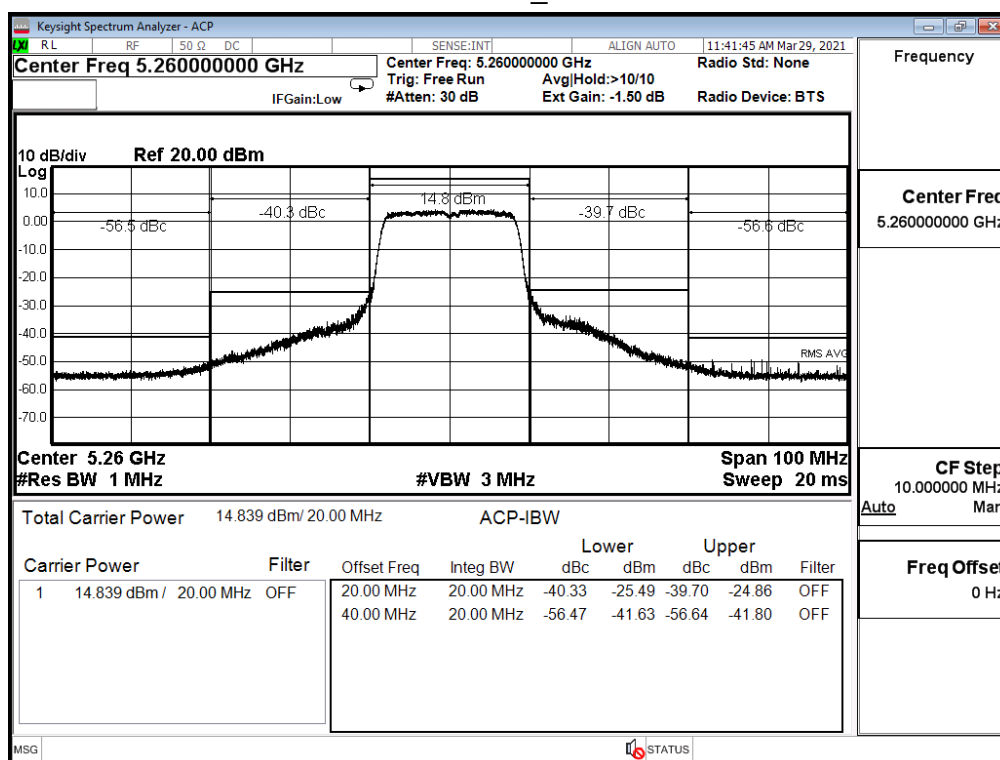
5240MHz_Ant.0



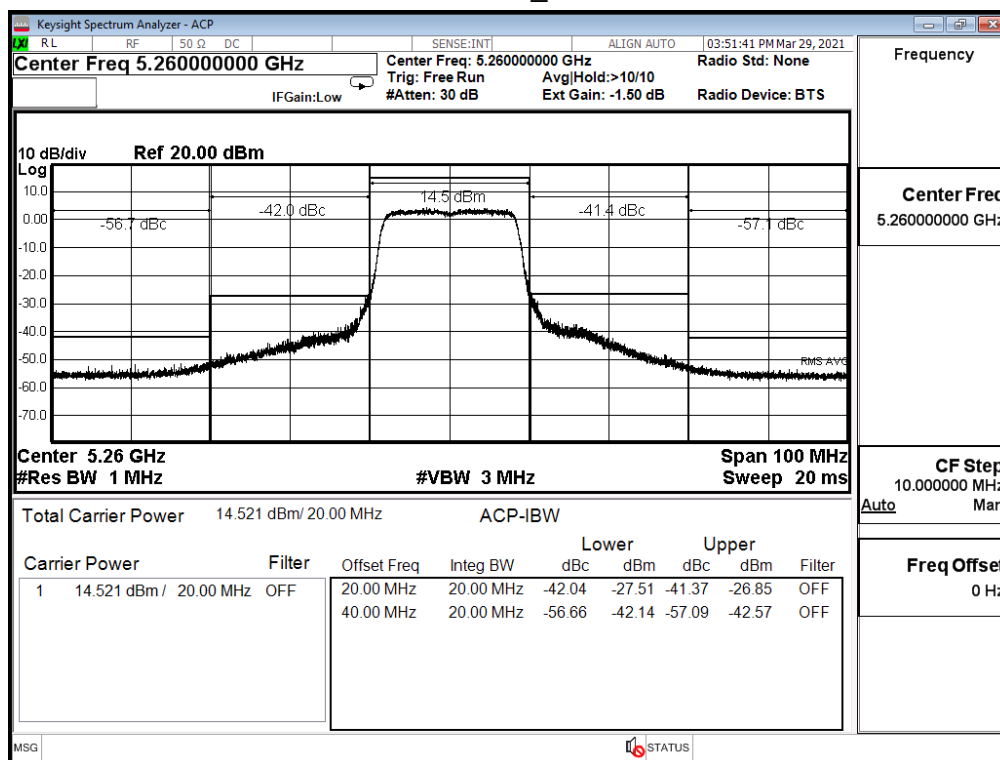
5240MHz_Ant.1

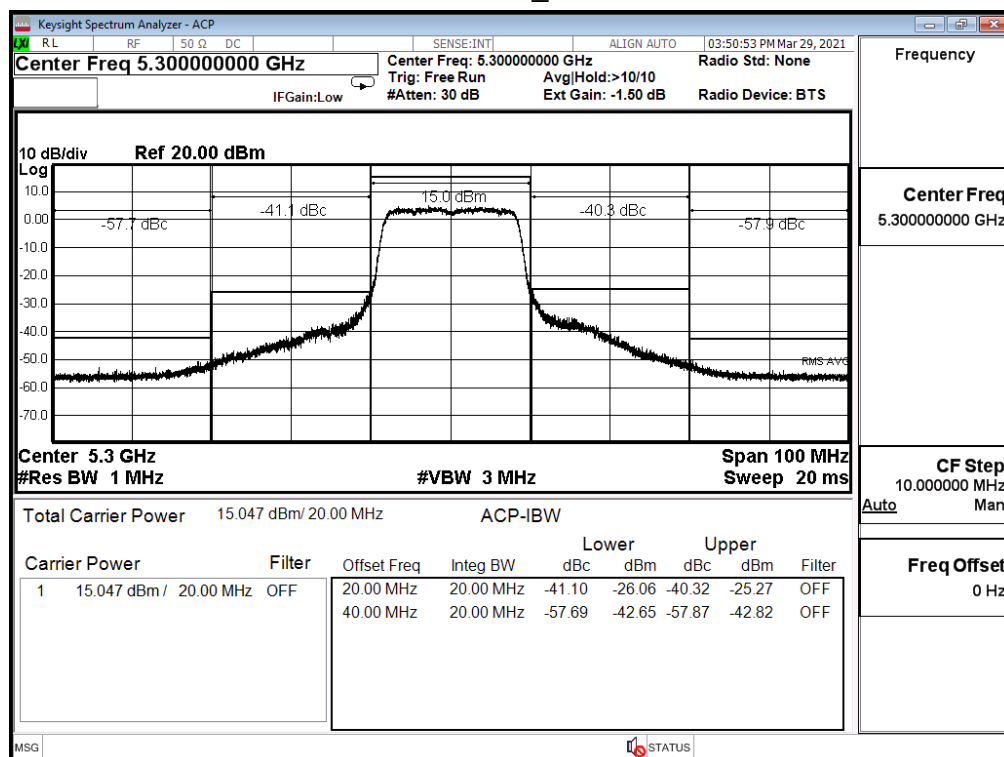
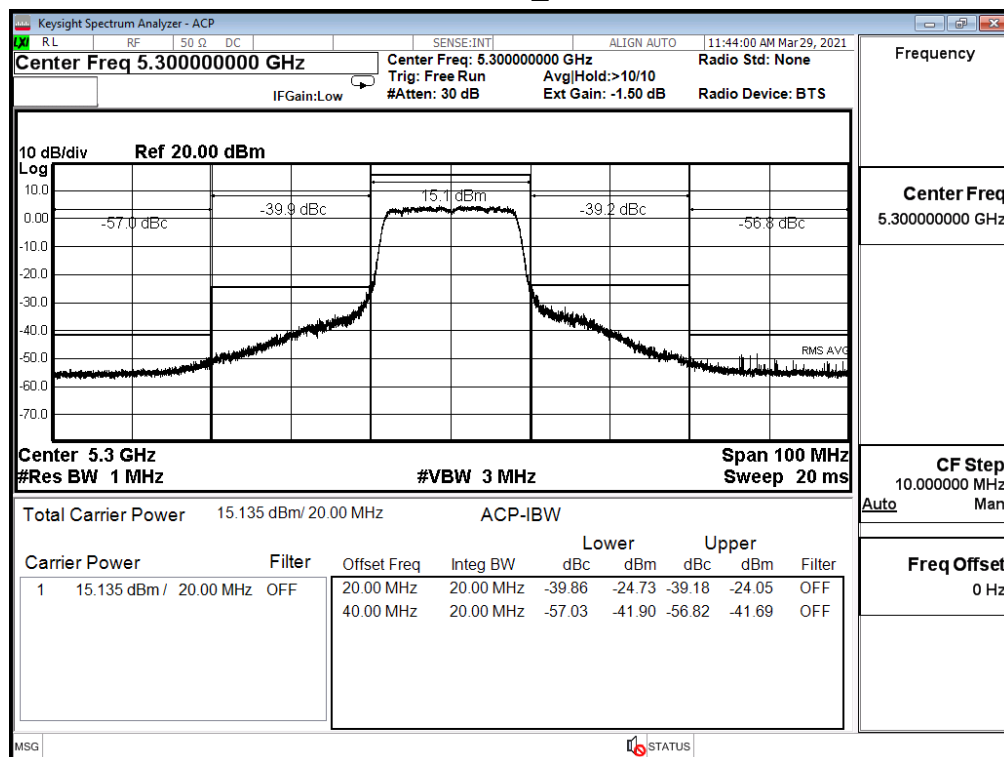


5260MHz_Ant.0

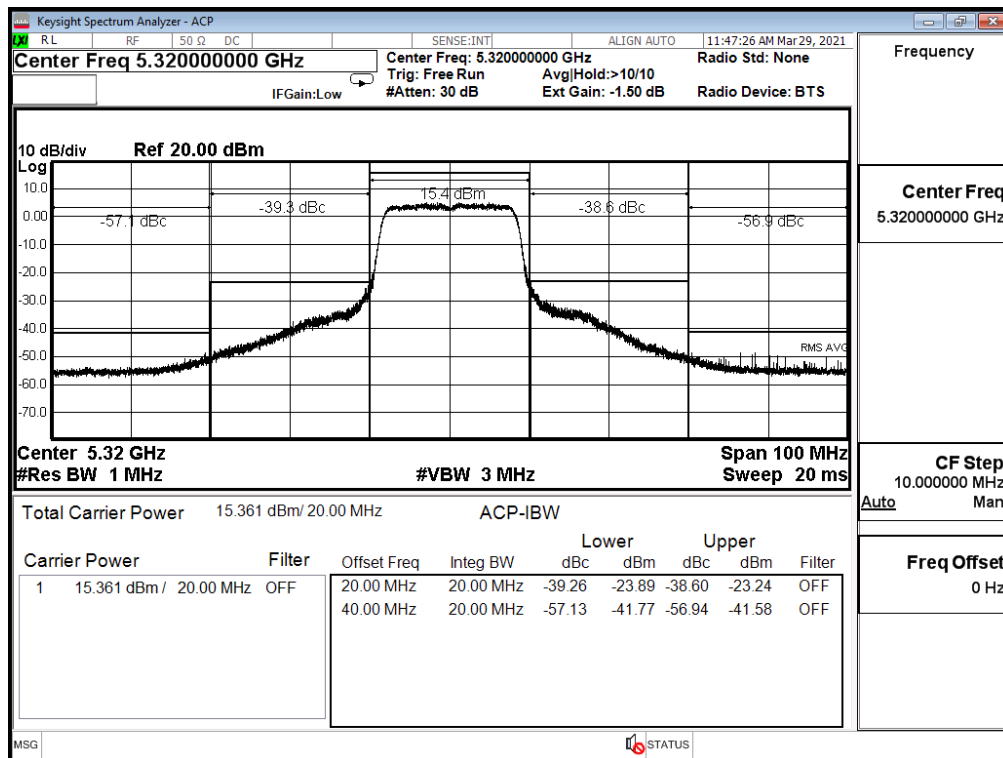


5260MHz_Ant.1

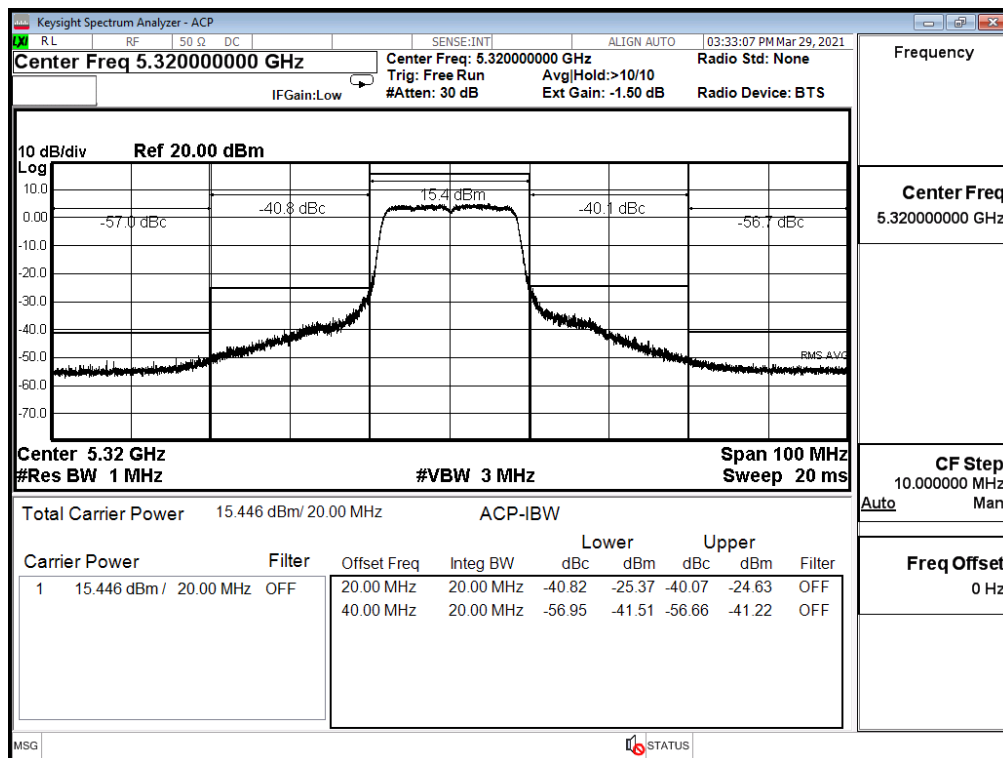




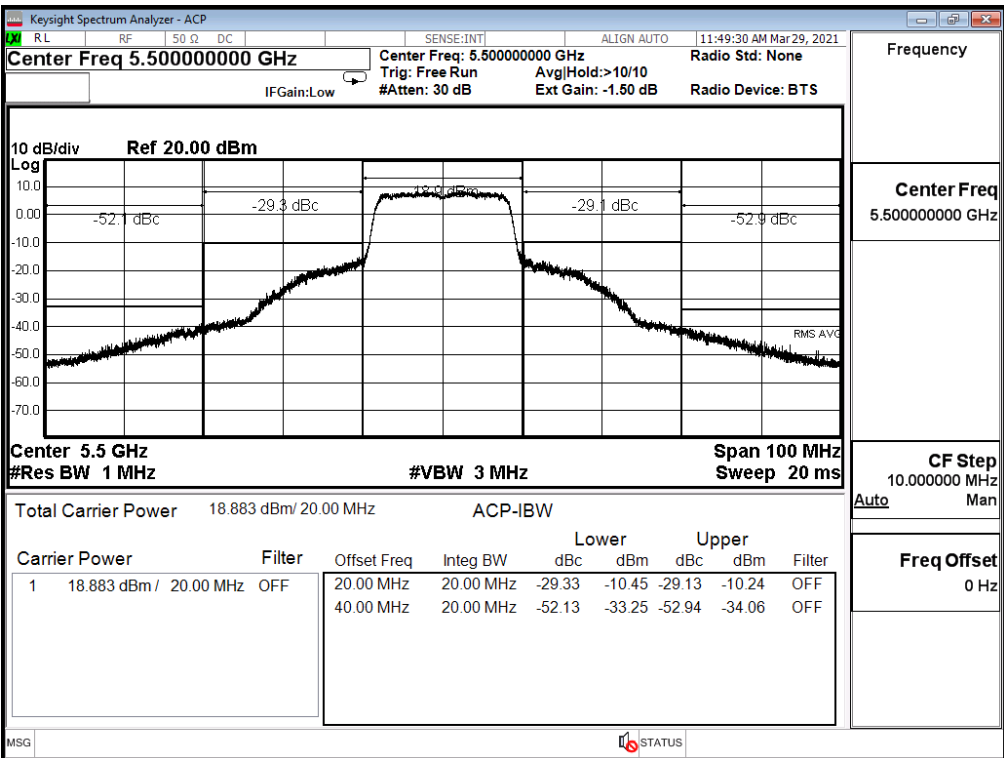
5320MHz_Ant.0



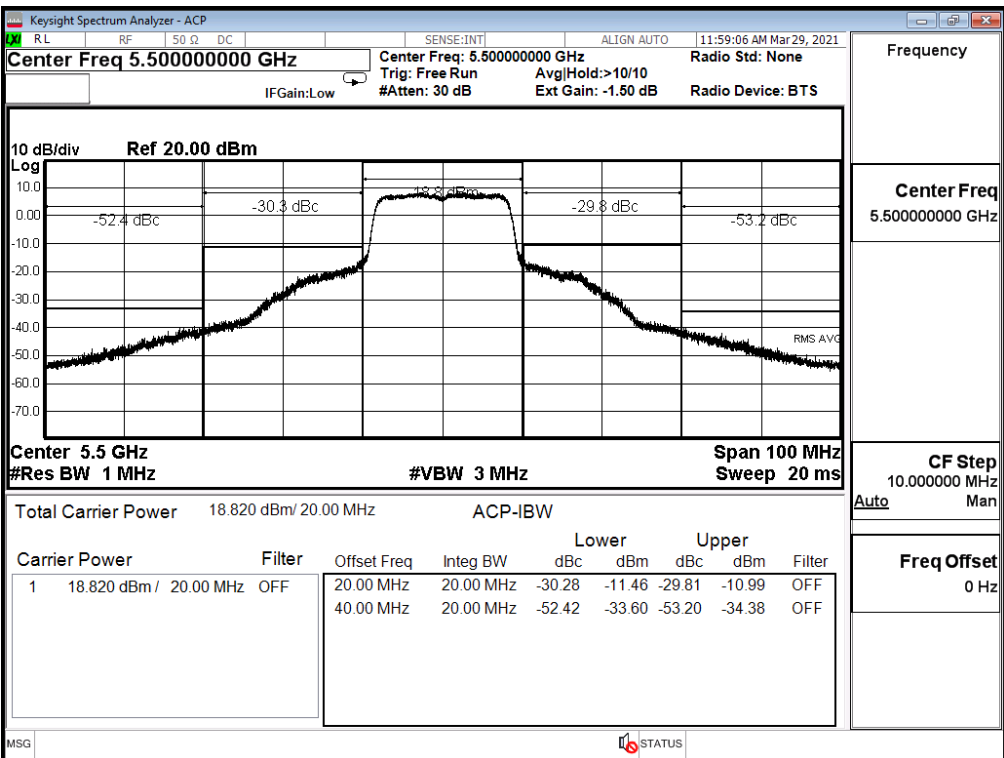
5320MHz_Ant.1



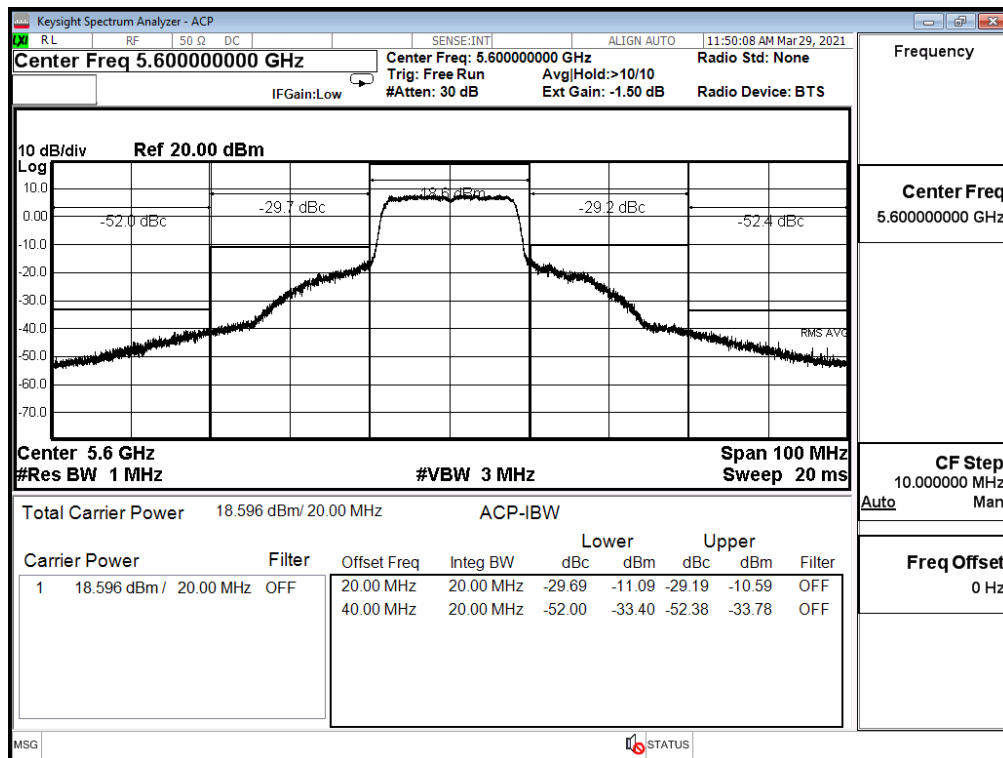
5500MHz_Ant.0



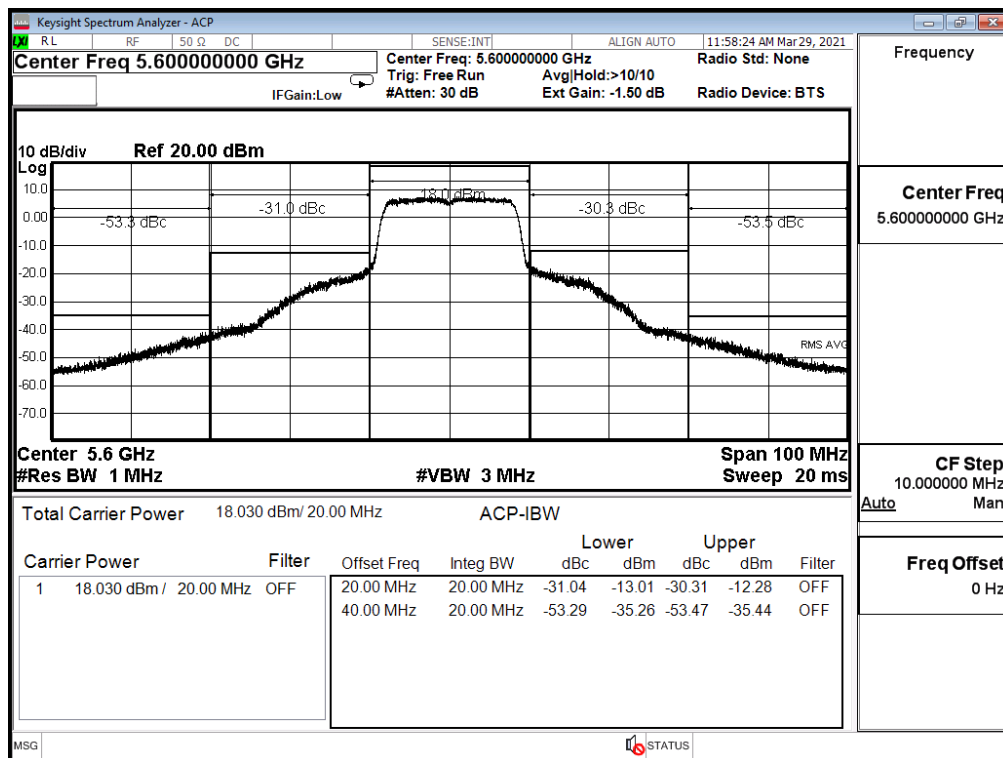
5500MHz_Ant.1



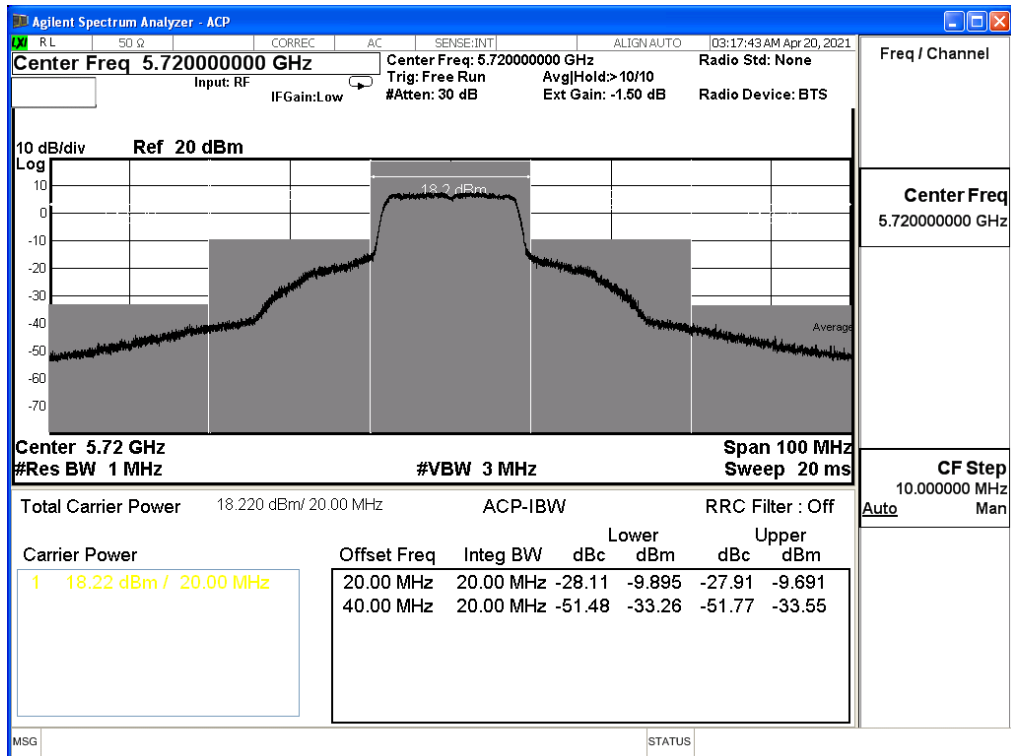
5600MHz_Ant.0



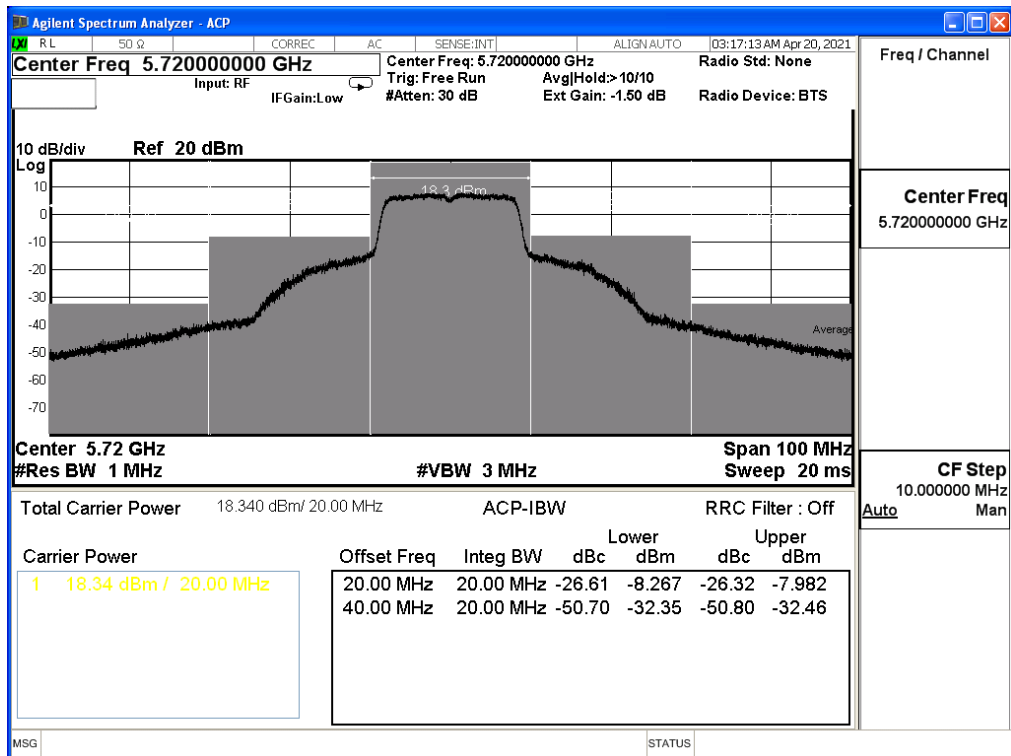
5600MHz_Ant.1



5720MHz_Ant.0



5720MHz_Ant.1



Product	Wireless LAN Access Point		
Test Item	Adjacent Channel Emitted Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/29 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	62

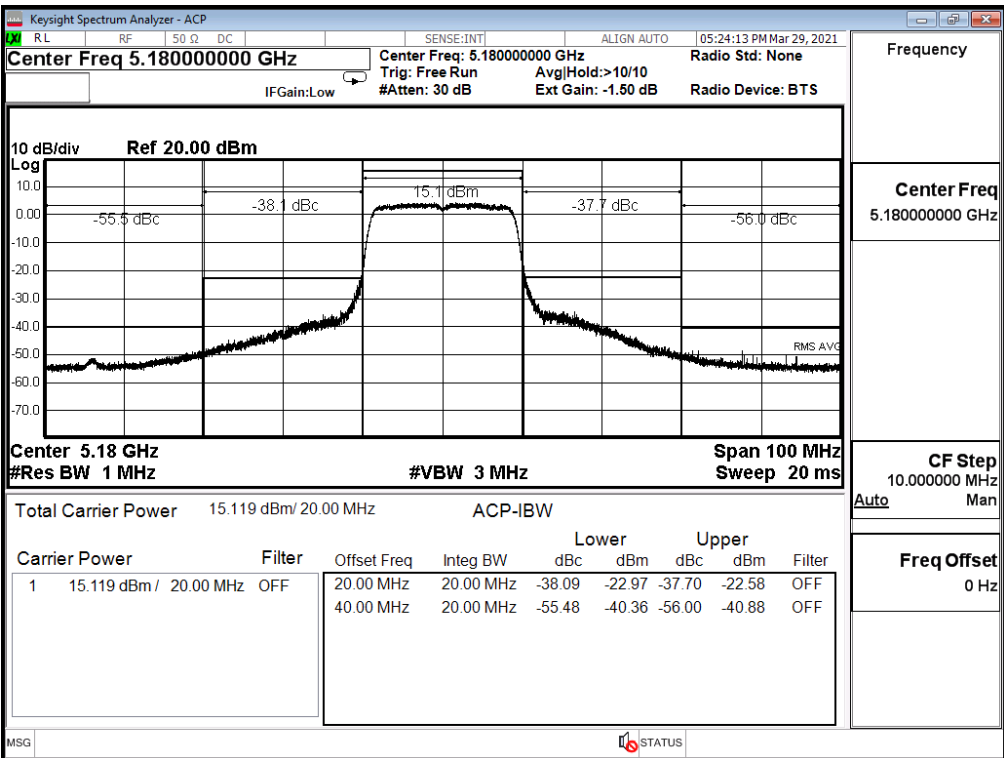
Test Mode: 802.11ac(20MHz), Ant.0

Centre Frequency (MHz)	1 st Adjacent Channel Emitted power			2 nd Adjacent Channel Emitted power		
	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)
5180	38.09	37.70	≥25	55.48	56.00	≥40
5220	37.57	36.97	≥25	55.79	56.60	≥40
5240	37.18	36.74	≥25	56.01	56.59	≥40
5260	36.87	36.25	≥25	55.99	56.68	≥40
5300	38.02	37.69	≥25	56.77	56.81	≥40
5320	37.78	37.17	≥25	56.78	56.80	≥40
5500	29.59	29.30	≥25	51.44	52.46	≥40
5600	28.65	28.18	≥25	50.57	51.09	≥40
5720	28.18	27.87	≥25	50.98	51.47	≥40

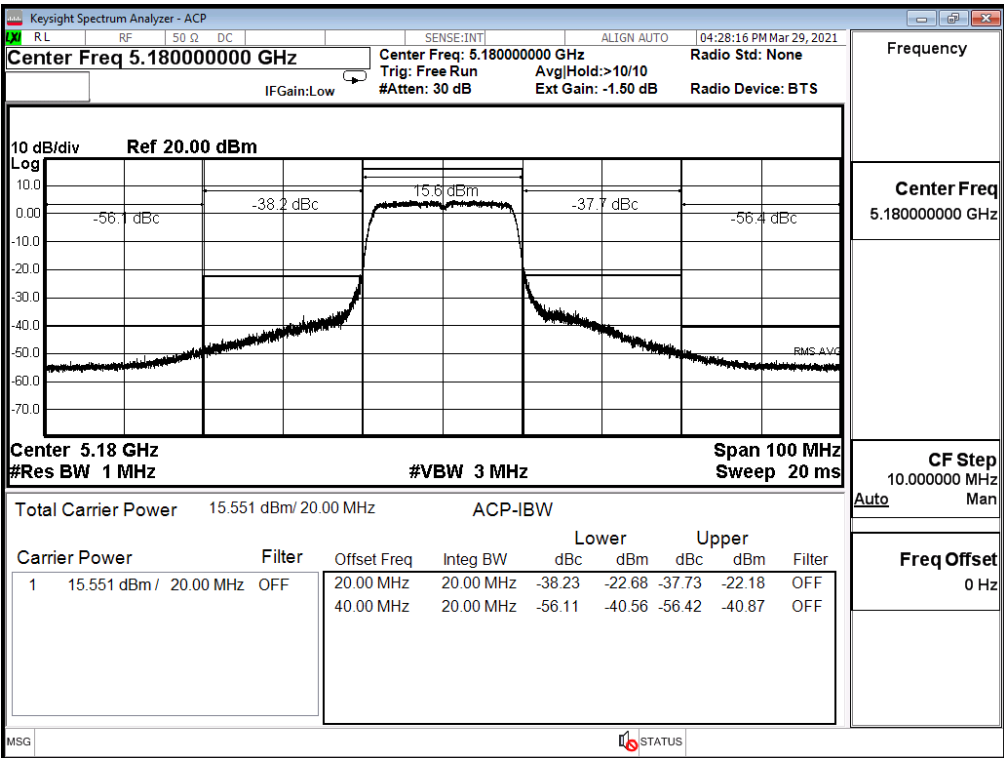
Test Mode: 802.11ac(20MHz), Ant.1

Centre Frequency (MHz)	1 st Adjacent Channel Emitted power			2 nd Adjacent Channel Emitted power		
	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)
5180	38.23	37.73	≥25	56.11	56.42	≥40
5220	38.16	37.84	≥25	56.07	56.99	≥40
5240	38.21	37.64	≥25	56.23	56.86	≥40
5260	37.71	37.19	≥25	56.32	57.03	≥40
5300	38.61	38.35	≥25	56.63	56.66	≥40
5320	38.21	37.91	≥25	56.71	56.67	≥40
5500	30.47	30.03	≥25	51.73	52.90	≥40
5600	29.81	29.22	≥25	51.31	51.79	≥40
5720	26.14	25.80	≥25	50.15	50.39	≥40

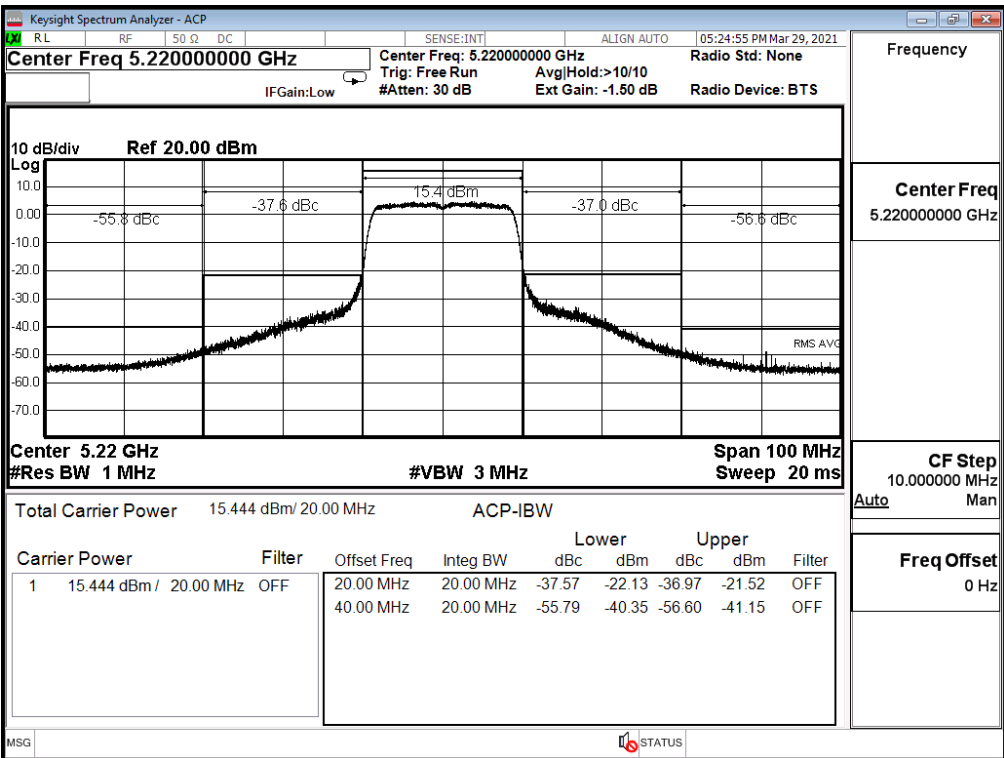
5180MHz_Ant.0



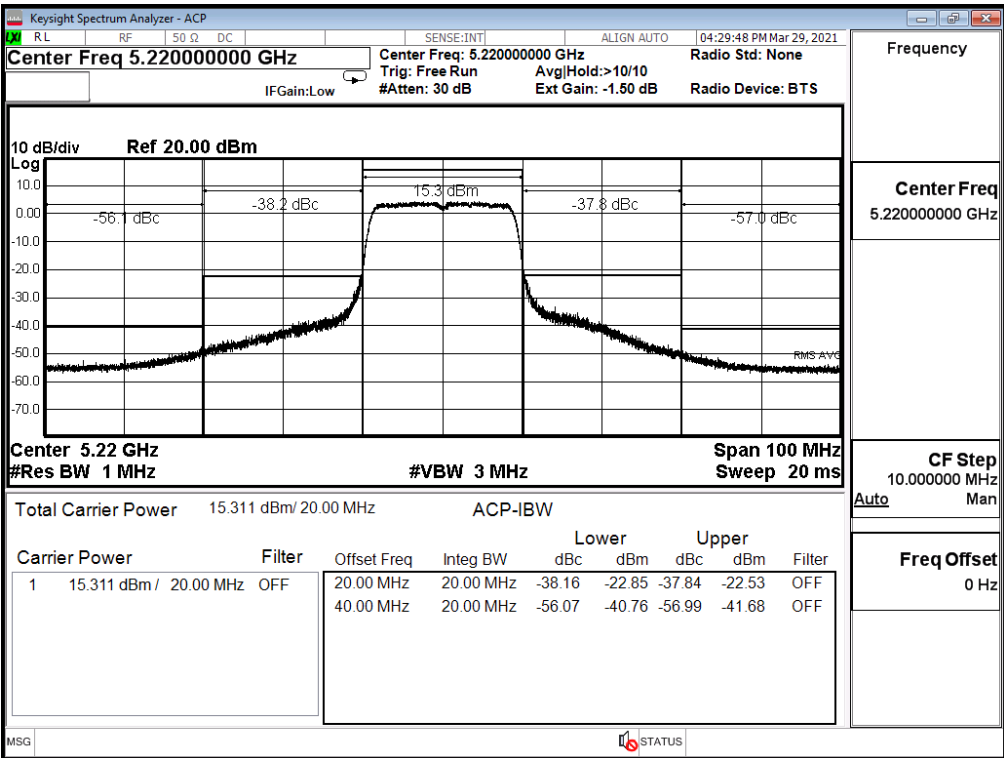
5180MHz_Ant.1



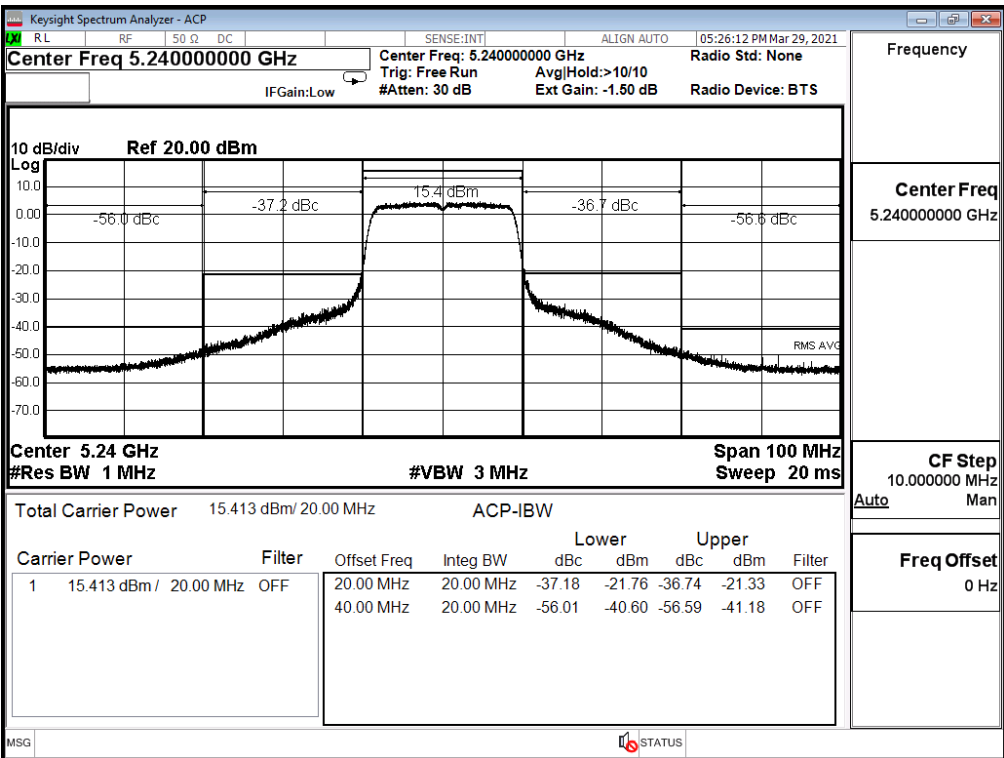
5220MHz_Ant.0



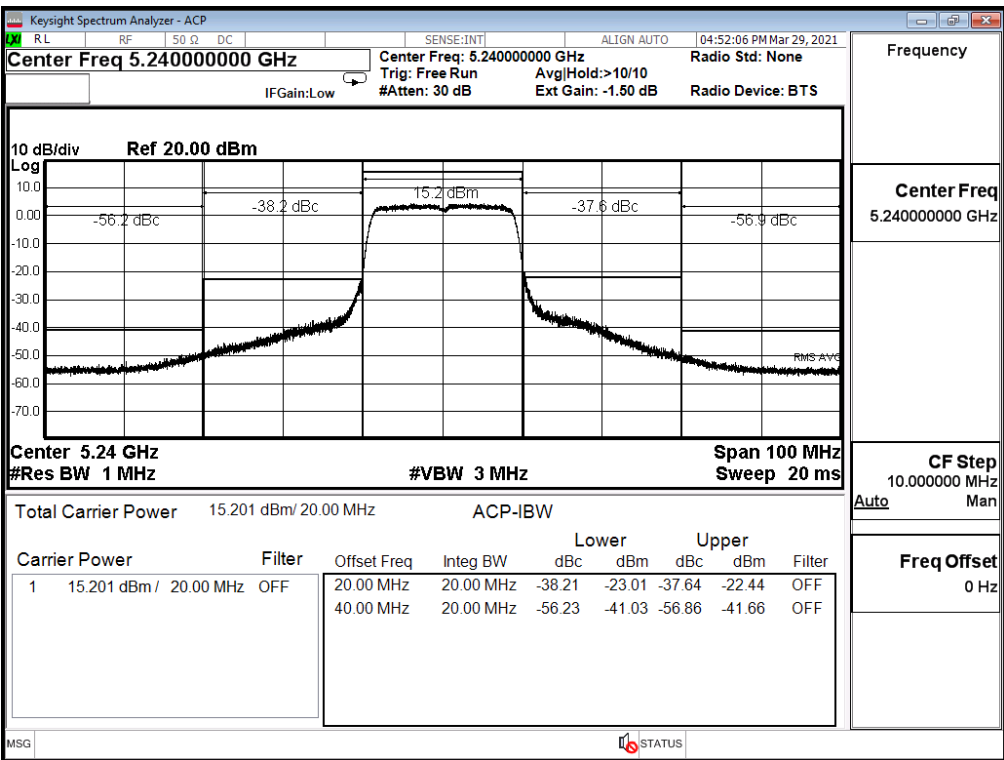
5220MHz_Ant.1



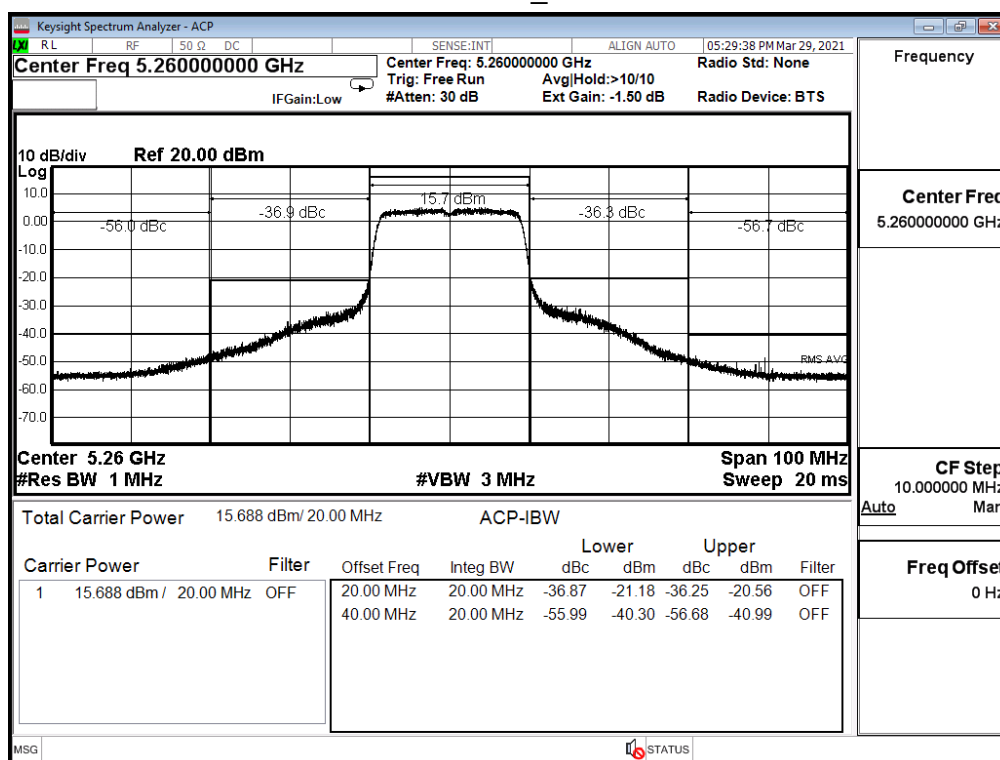
5240MHz_Ant.0



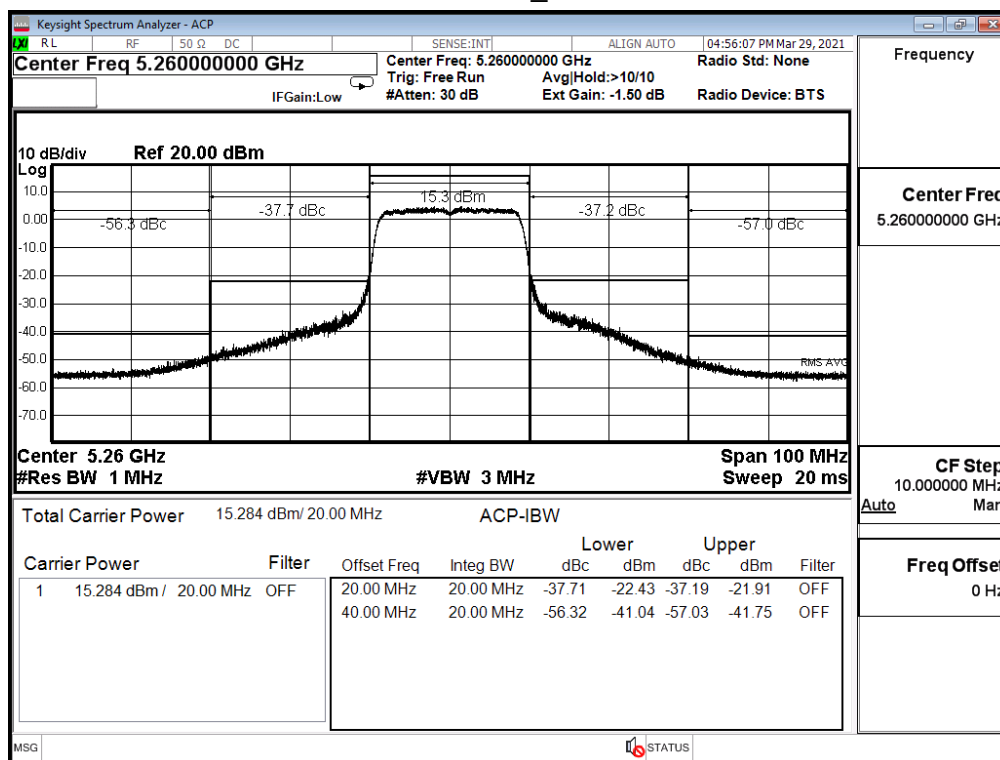
5240MHz_Ant.1



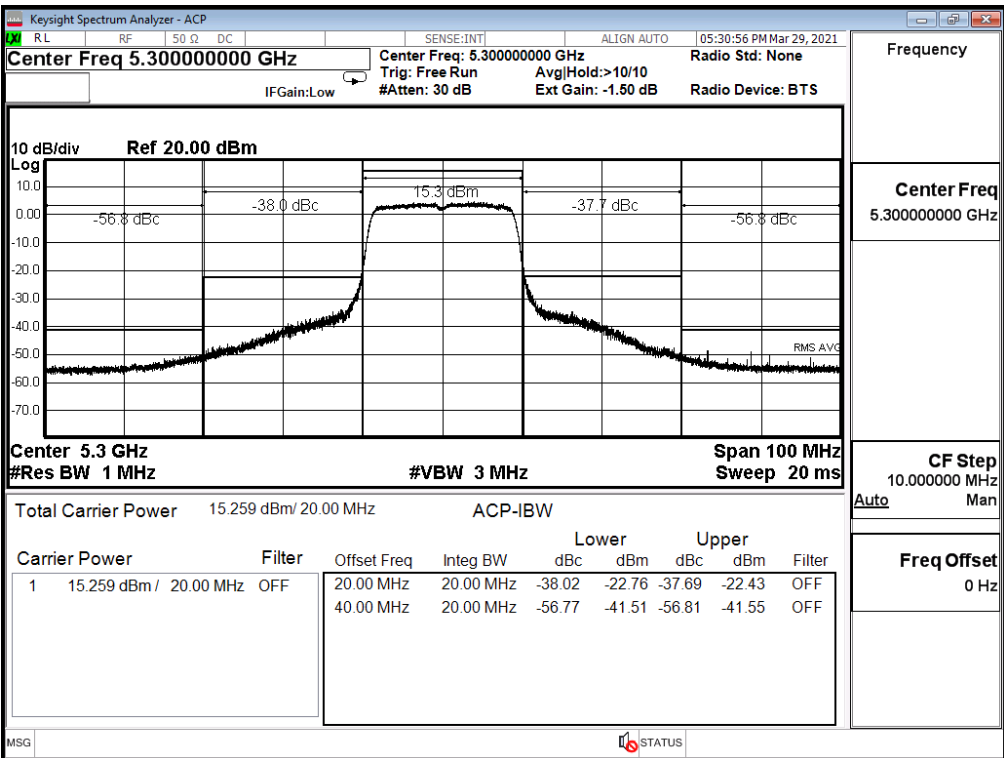
5260MHz_Ant.0



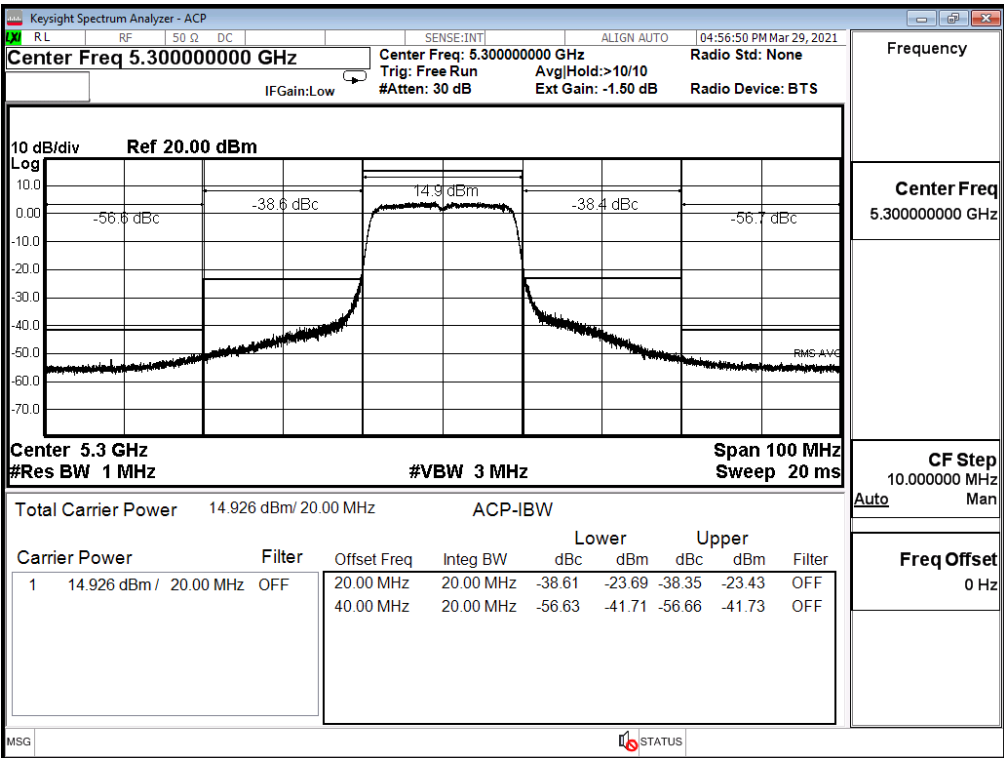
5260MHz_Ant.1



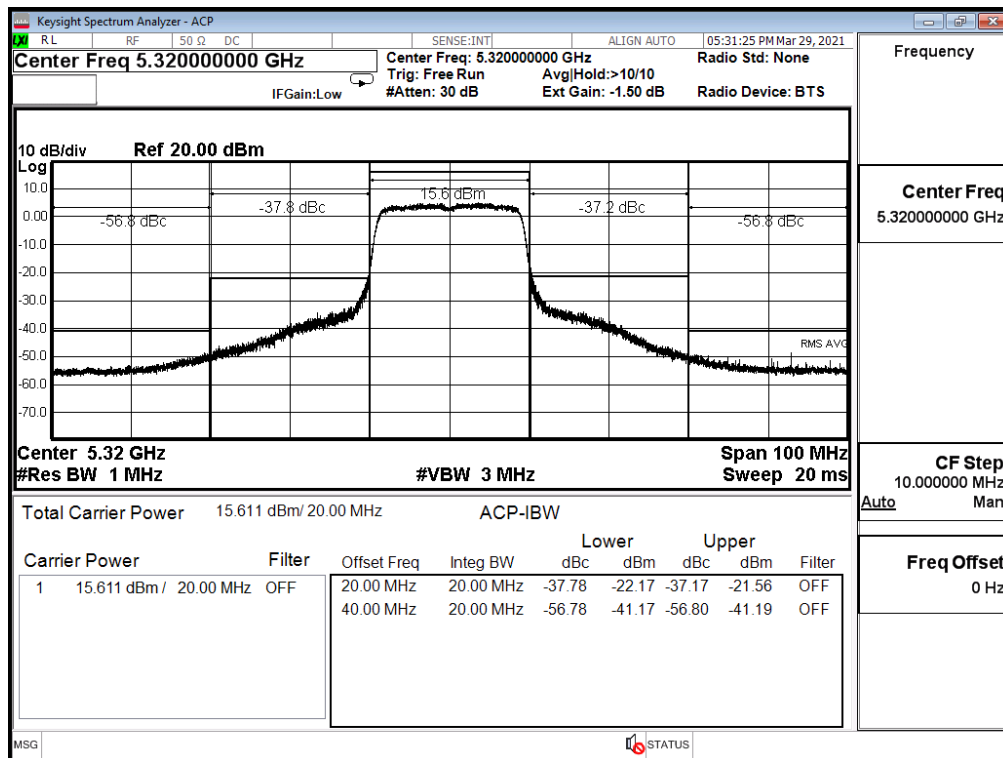
5300MHz_Ant.0



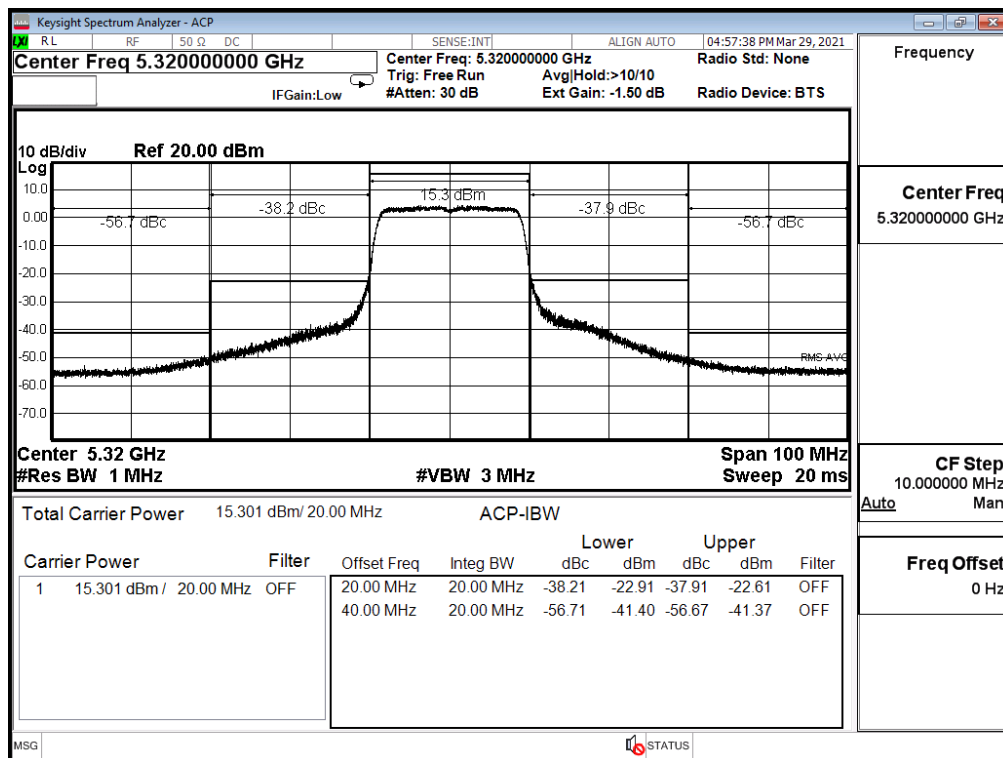
5300MHz_Ant.1



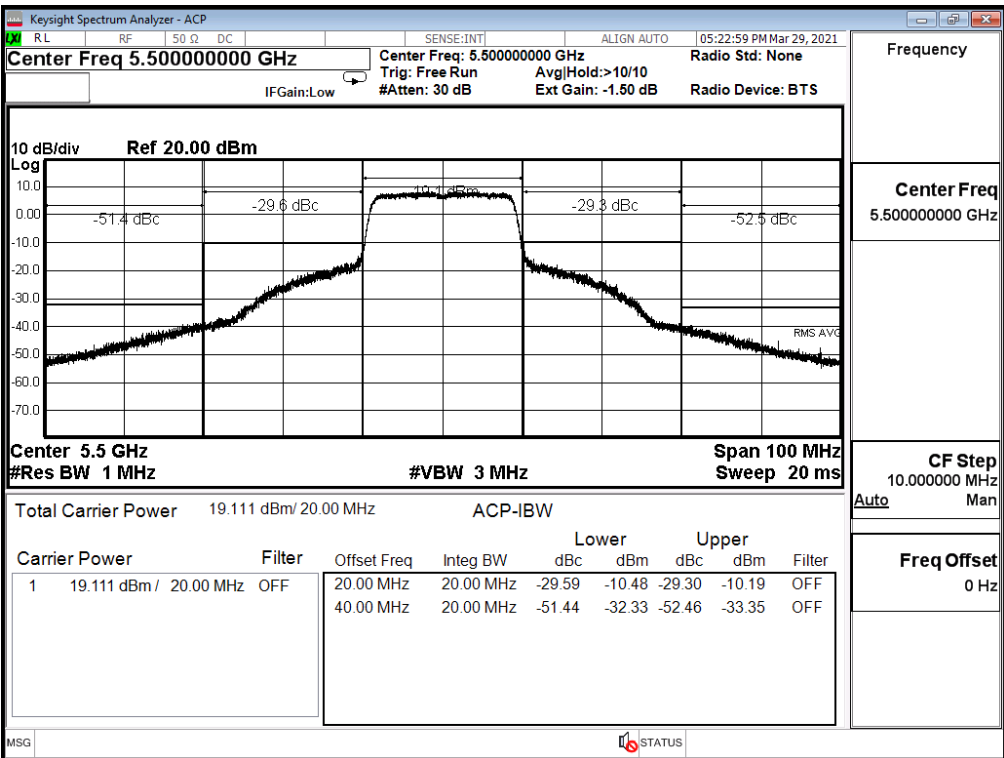
5320MHz_Ant.0



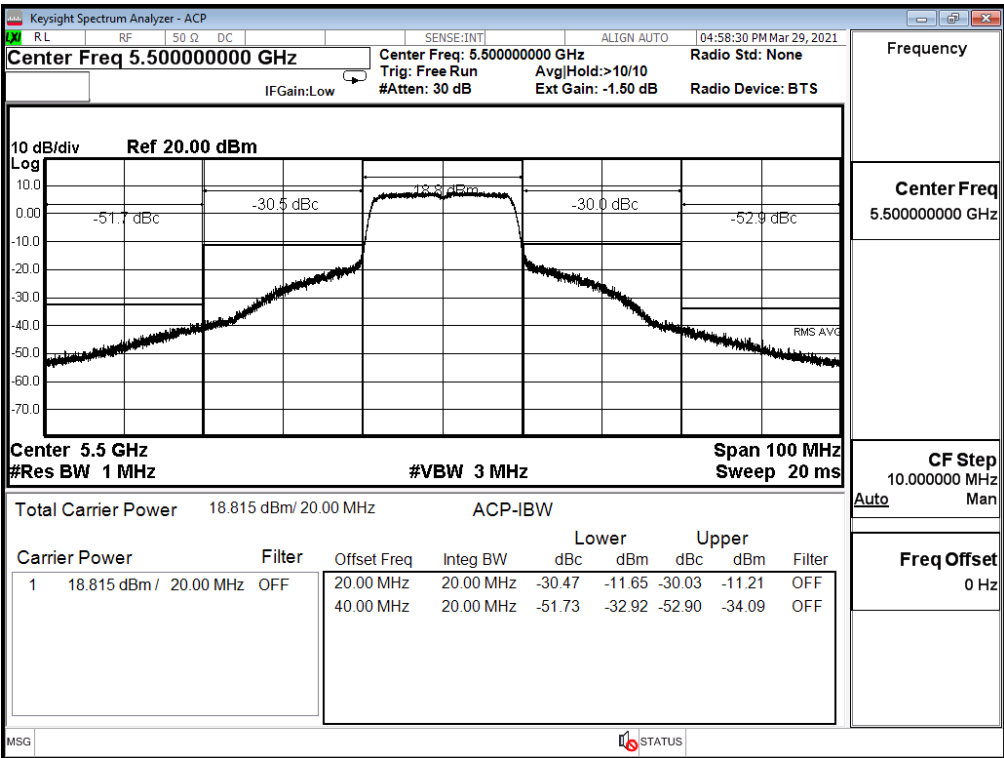
5320MHz_Ant.1



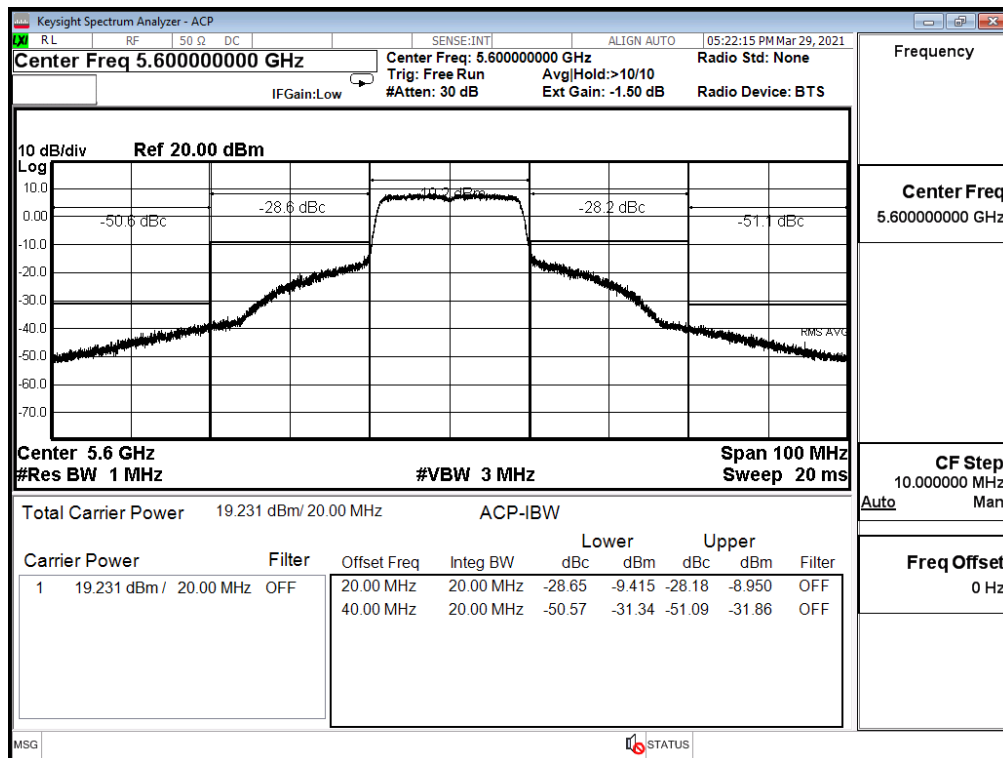
5500MHz_Ant.0



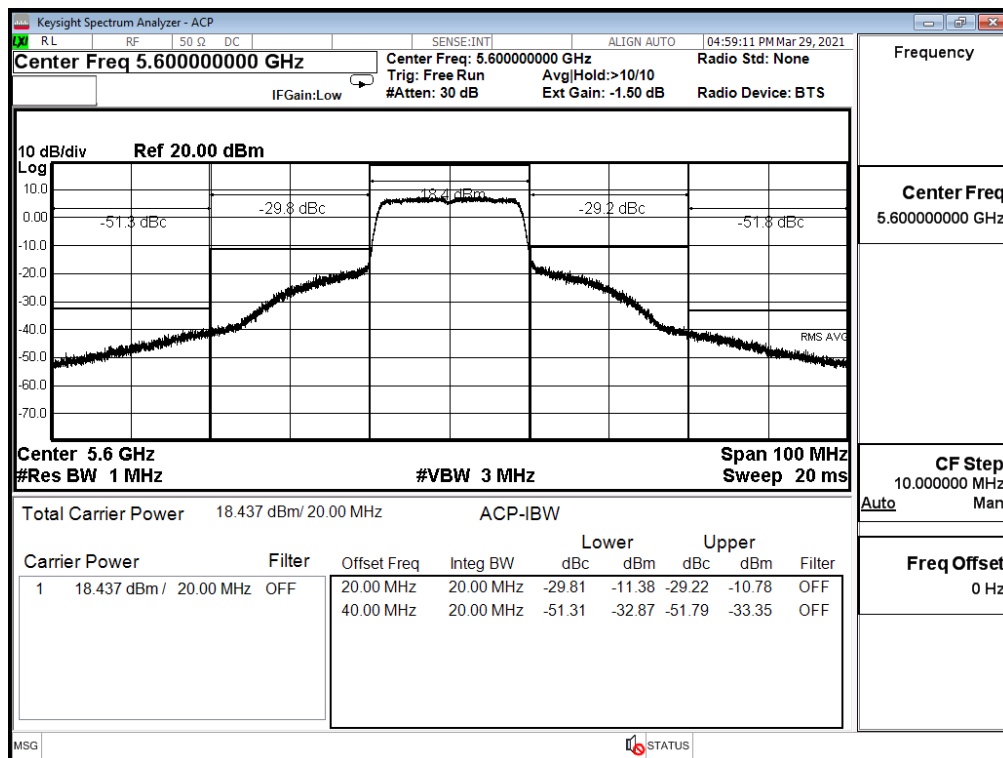
5500MHz_Ant.1



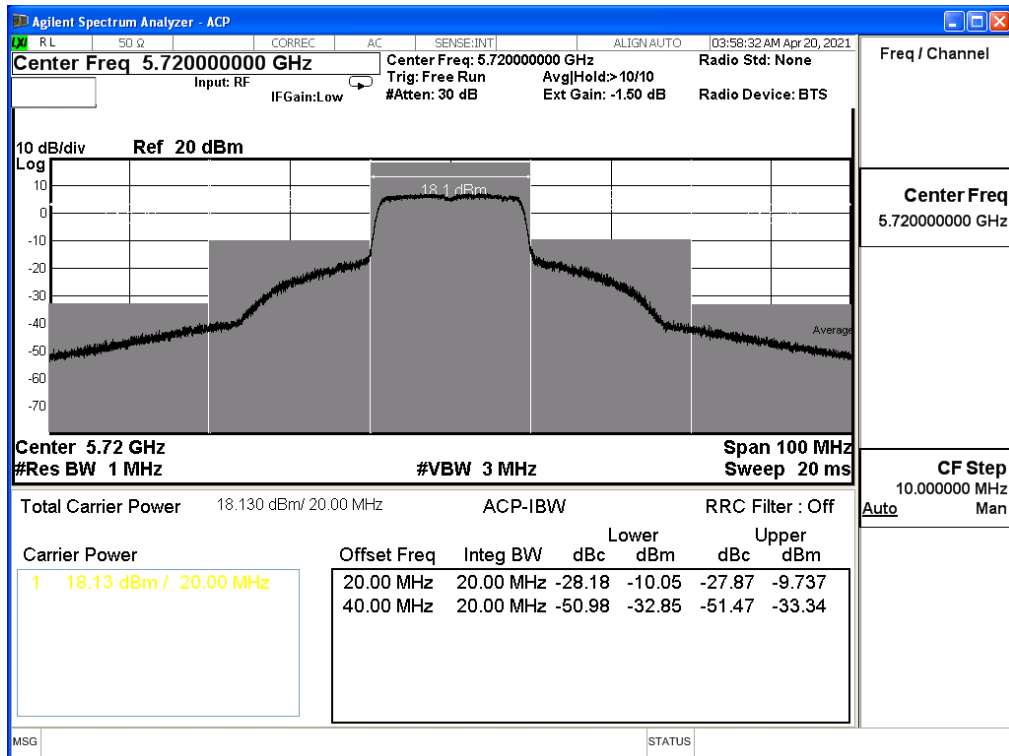
5600MHz_Ant.0



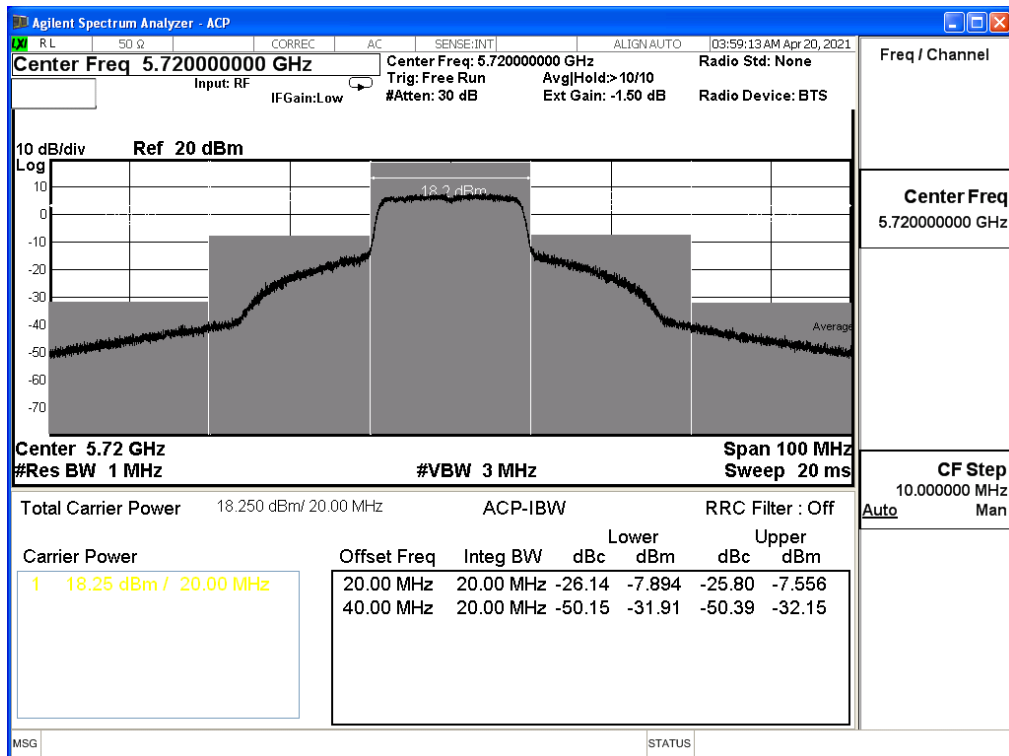
5600MHz_Ant.1



5720MHz_Ant.0



5720MHz_Ant.1



Product	Wireless LAN Access Point		
Test Item	Adjacent Channel Emitted Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/29 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	62

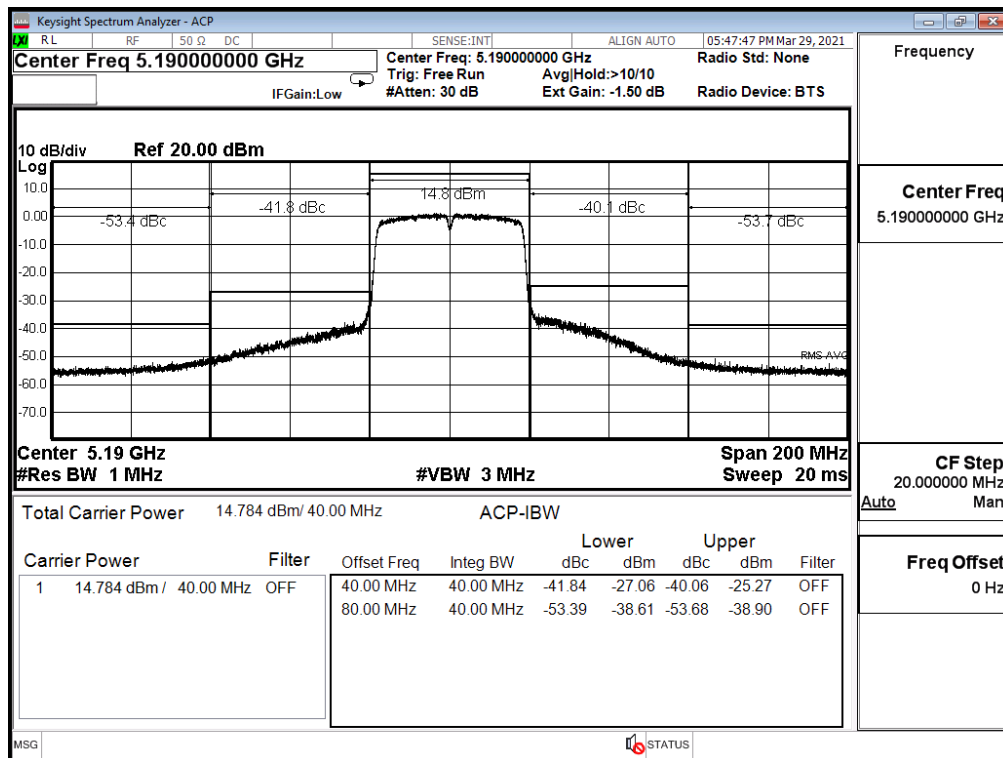
Test Mode: 802.11ac(40MHz), Ant.0

Centre Frequency (MHz)	1 st Adjacent Channel Emitted power			2 nd Adjacent Channel Emitted power		
	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)
5190	41.84	40.06	≥25	53.39	53.68	≥40
5230	41.93	39.86	≥25	53.63	53.90	≥40
5270	40.12	38.17	≥25	53.75	54.16	≥40
5310	41.05	38.85	≥25	54.34	54.01	≥40
5510	30.05	29.61	≥25	51.26	52.50	≥40
5590	28.46	27.53	≥25	49.78	50.15	≥40
5710	30.96	30.11	≥25	51.57	51.55	≥40

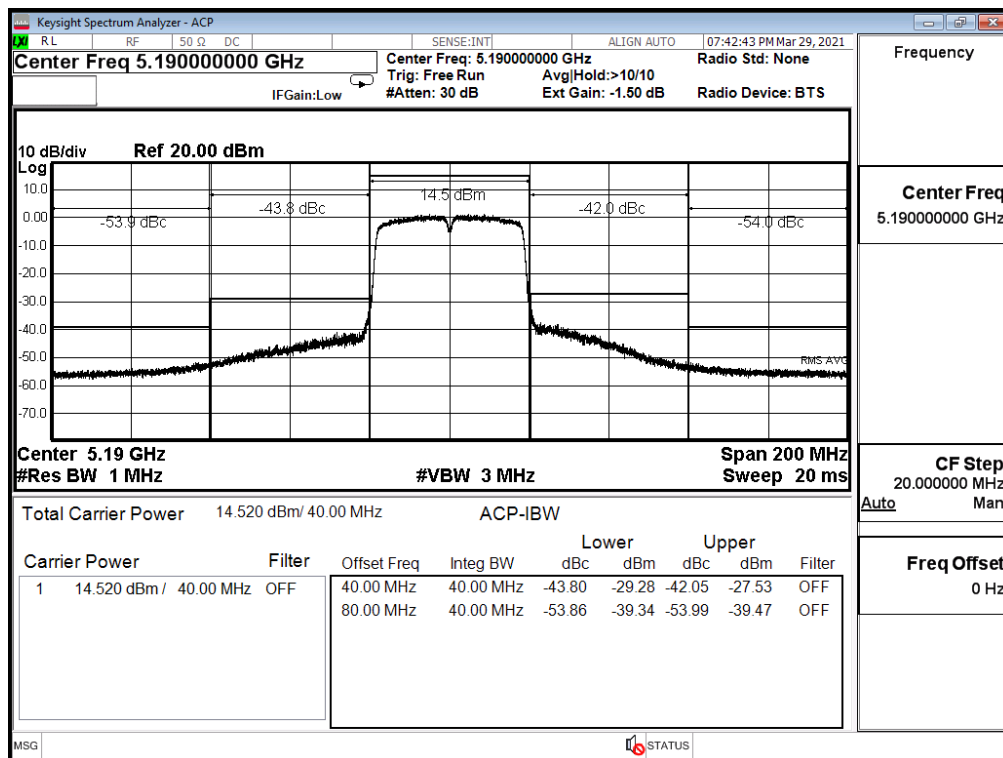
Test Mode: 802.11ac(40MHz), Ant.1

Centre Frequency (MHz)	1 st Adjacent Channel Emitted power			2 nd Adjacent Channel Emitted power		
	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)
5190	43.80	42.05	≥25	53.86	53.99	≥40
5230	43.82	41.64	≥25	53.69	54.12	≥40
5270	42.17	40.13	≥25	53.89	54.31	≥40
5310	42.41	40.38	≥25	54.30	53.93	≥40
5510	31.24	30.69	≥25	51.60	52.95	≥40
5590	29.19	28.16	≥25	49.99	50.36	≥40
5710	29.04	28.34	≥25	50.93	50.77	≥40

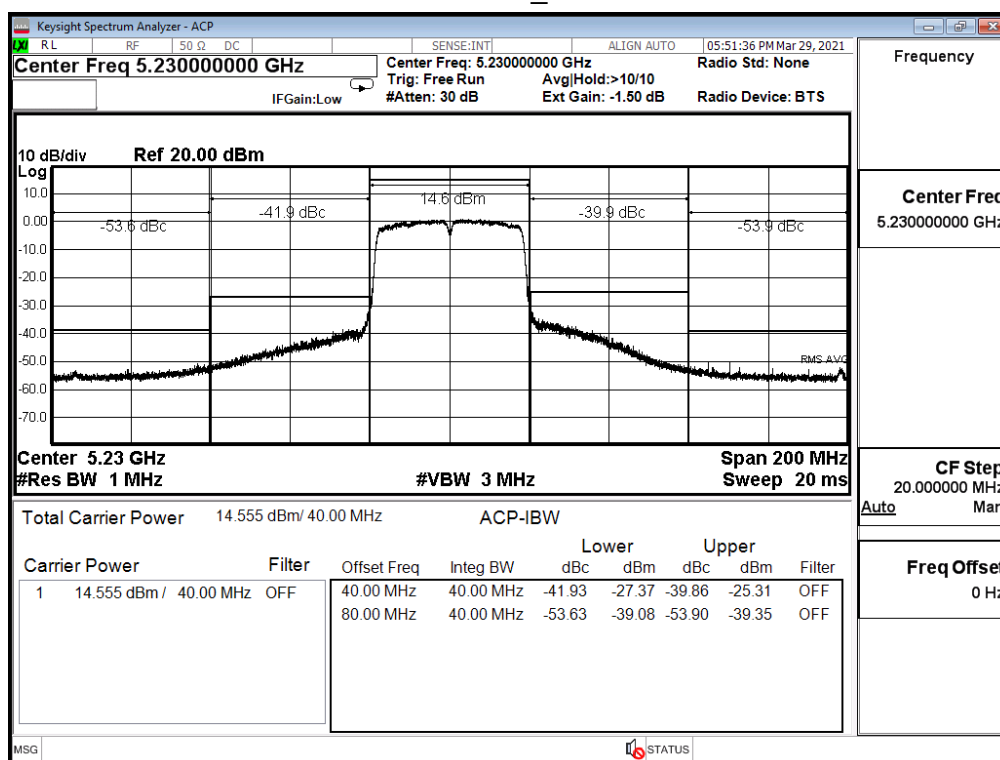
5190MHz_Ant.0



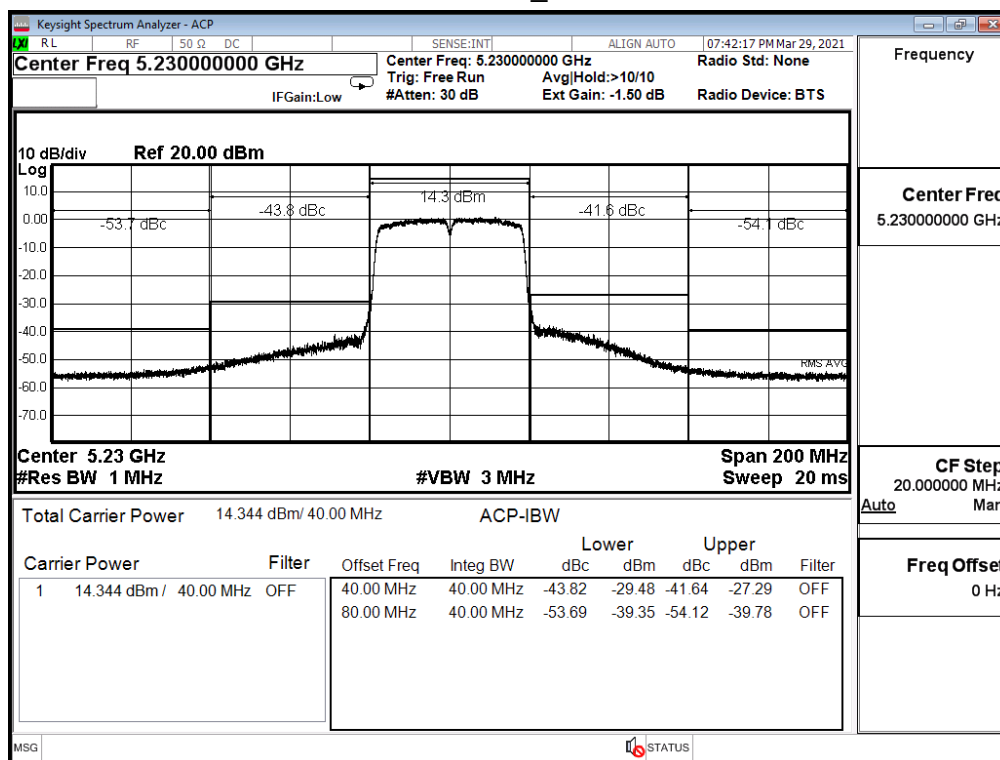
5190MHz_Ant.1



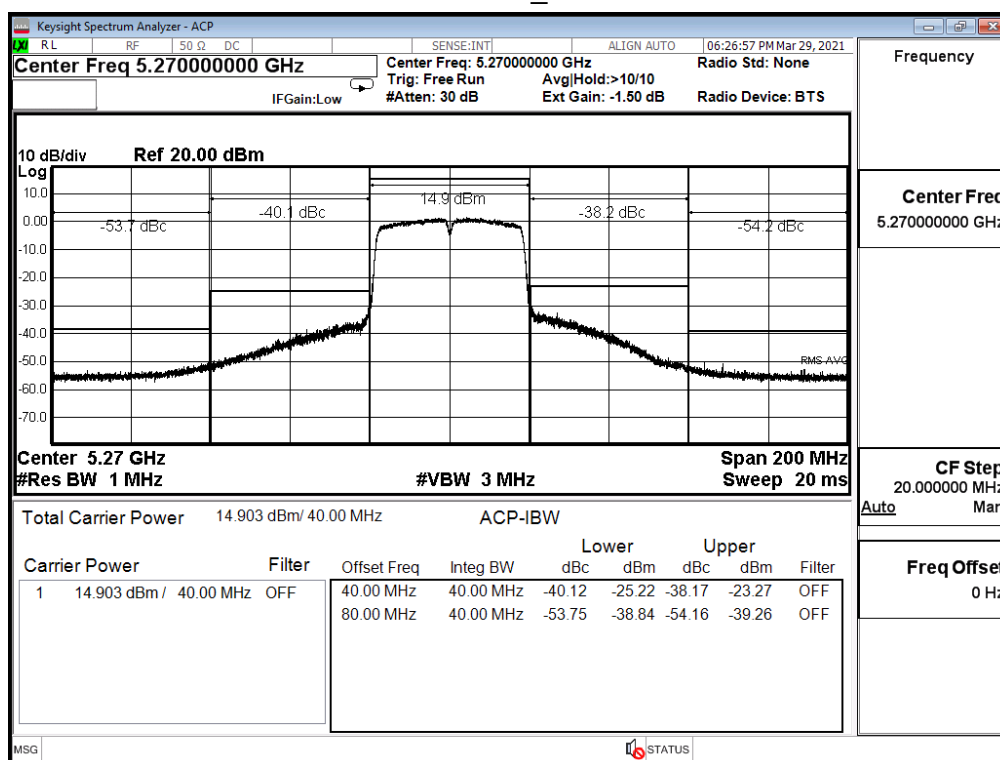
5230MHz_Ant.0



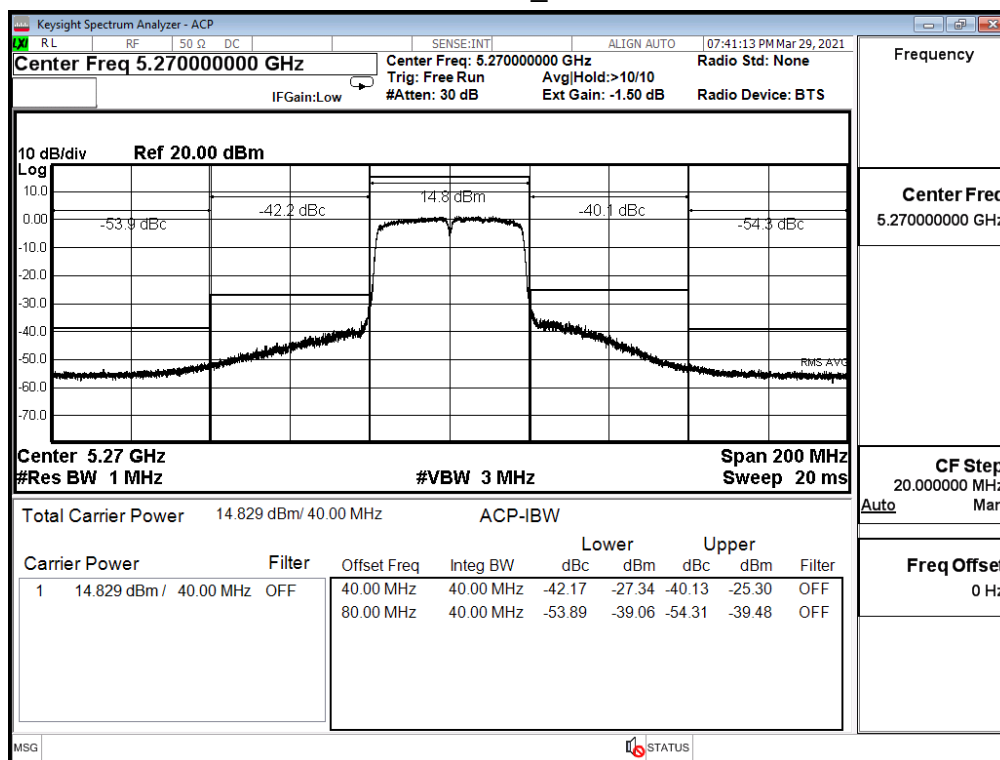
5230MHz_Ant.1



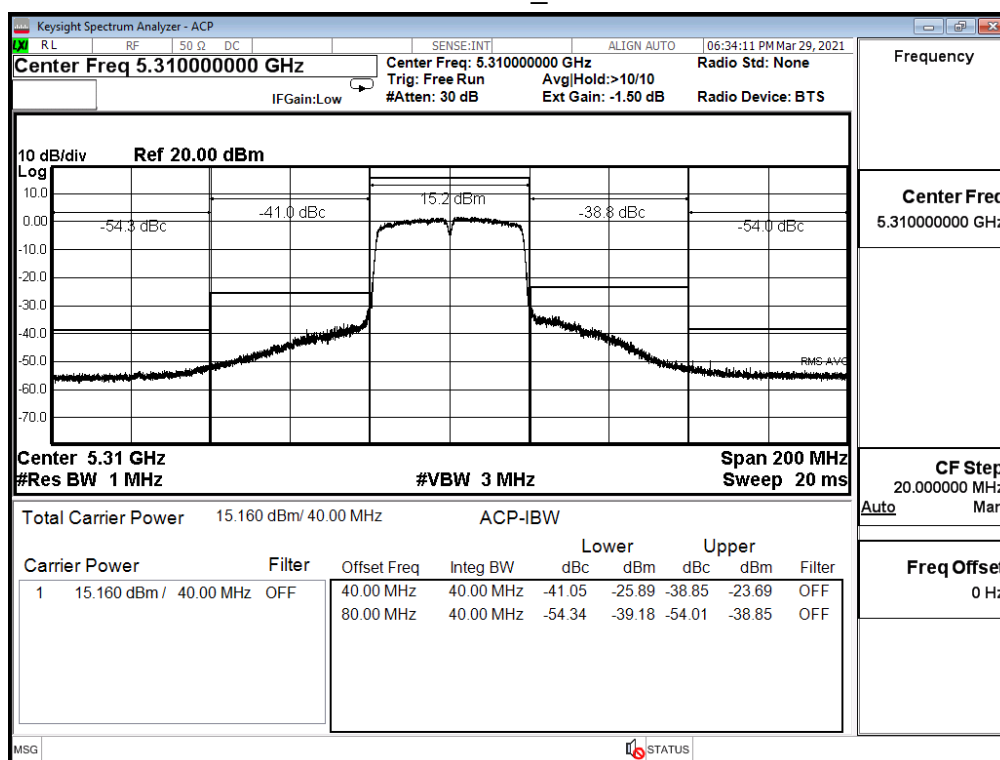
5270MHz_Ant.0



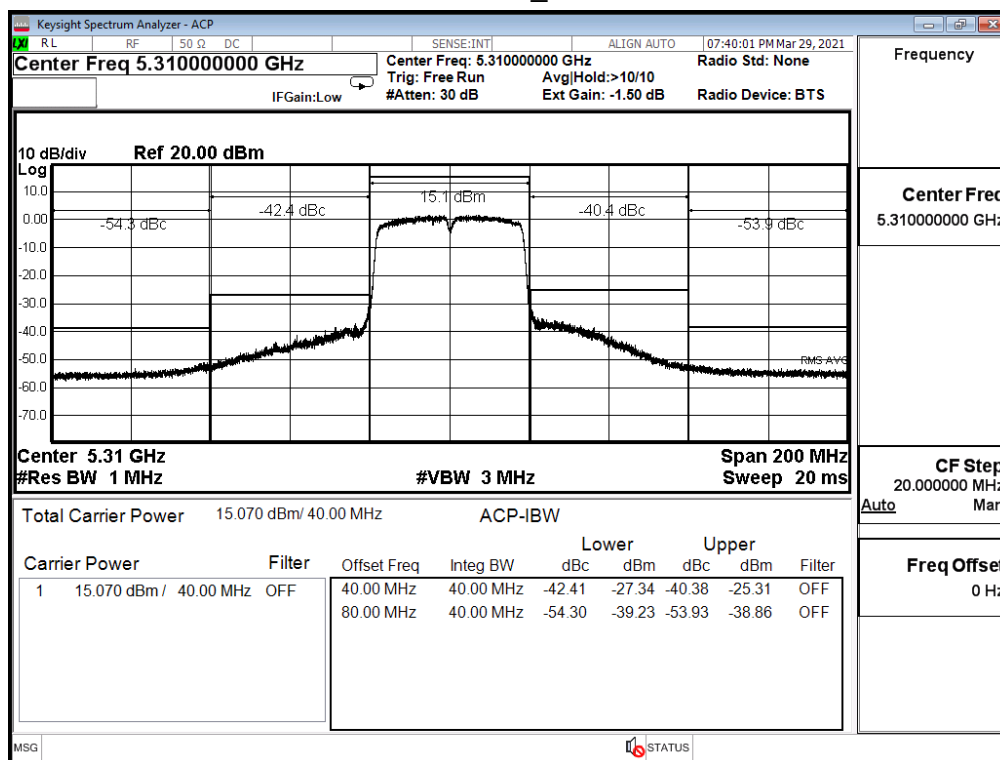
5270MHz_Ant.1



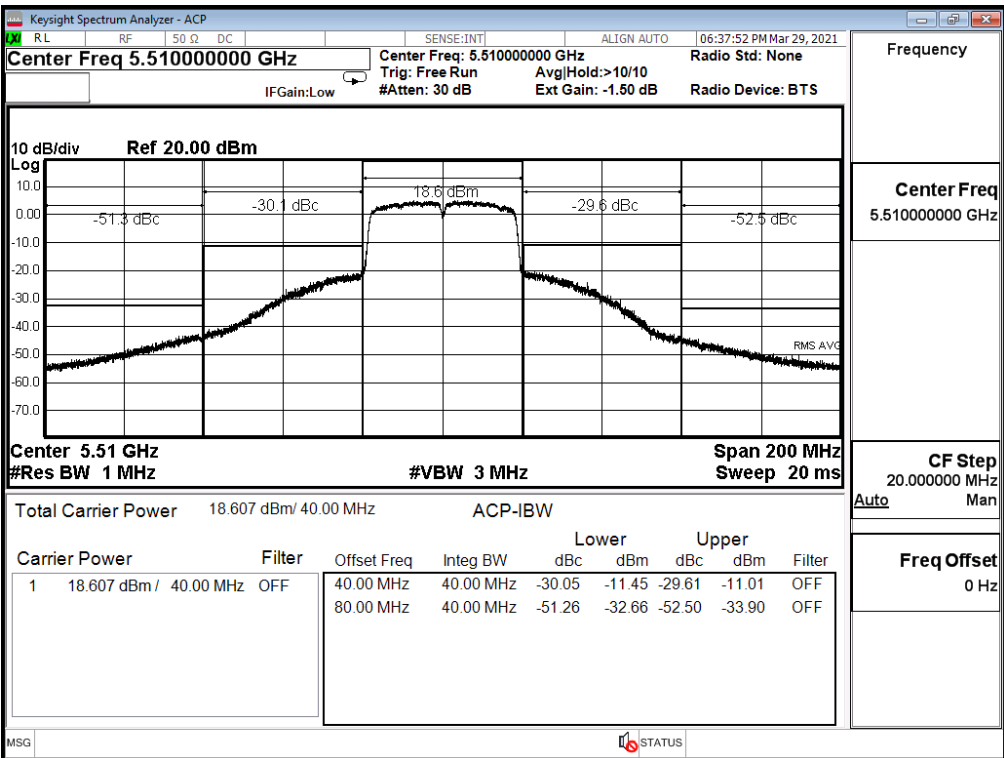
5310MHz_Ant.0



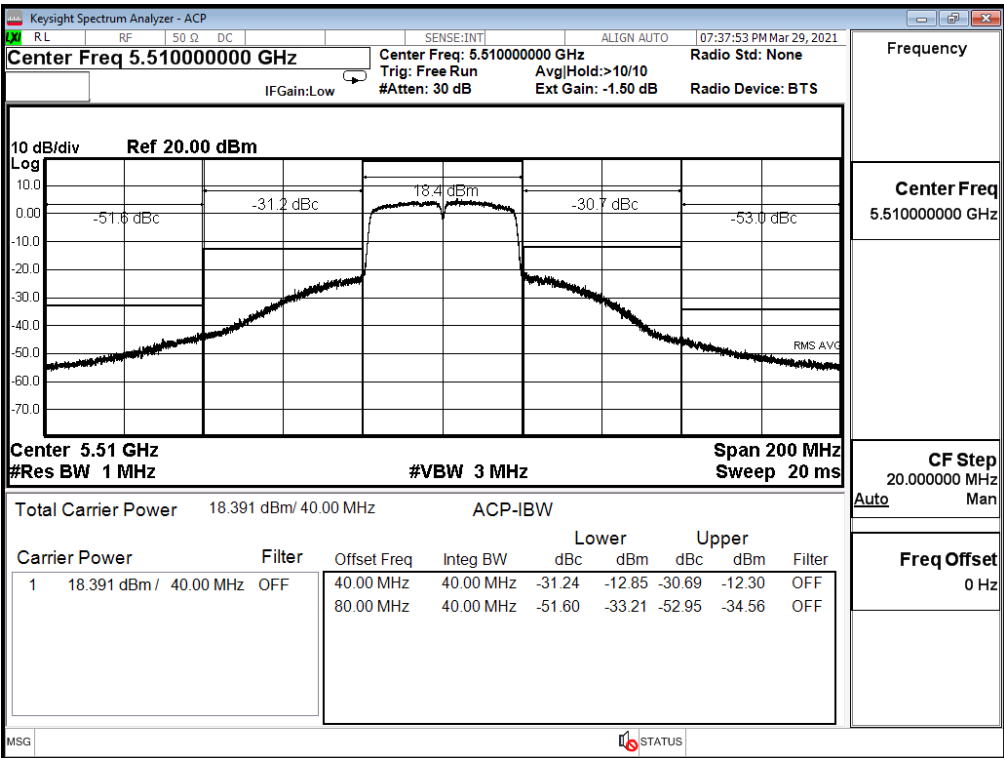
5310MHz_Ant.1



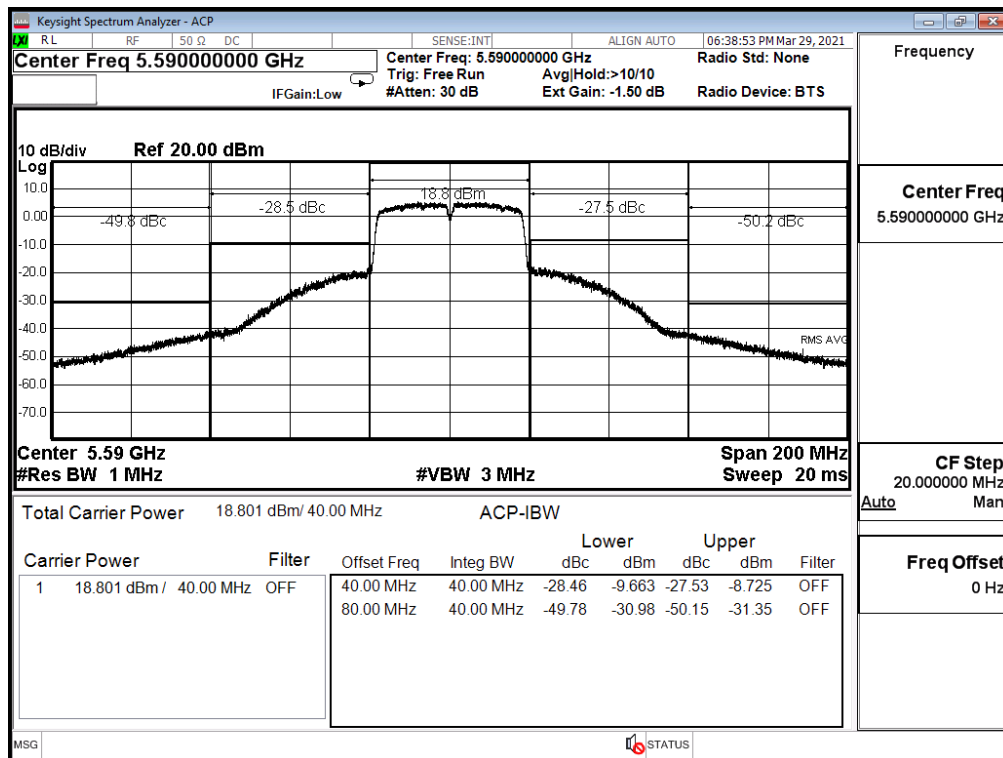
5510MHz_Ant.0



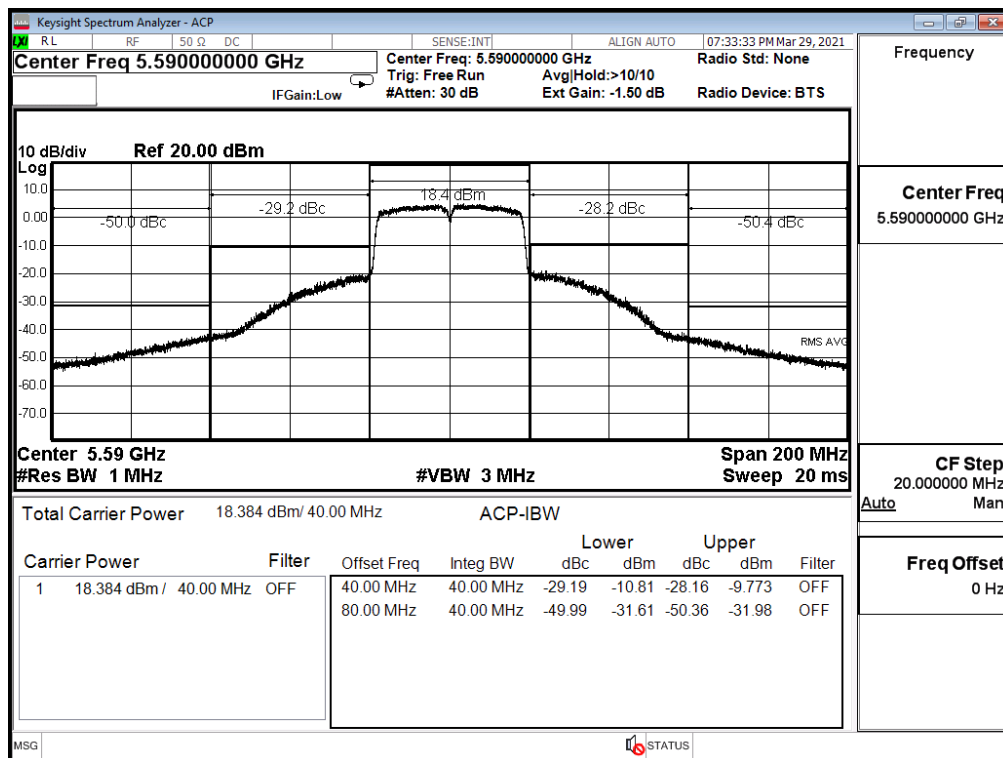
5510MHz_Ant.1



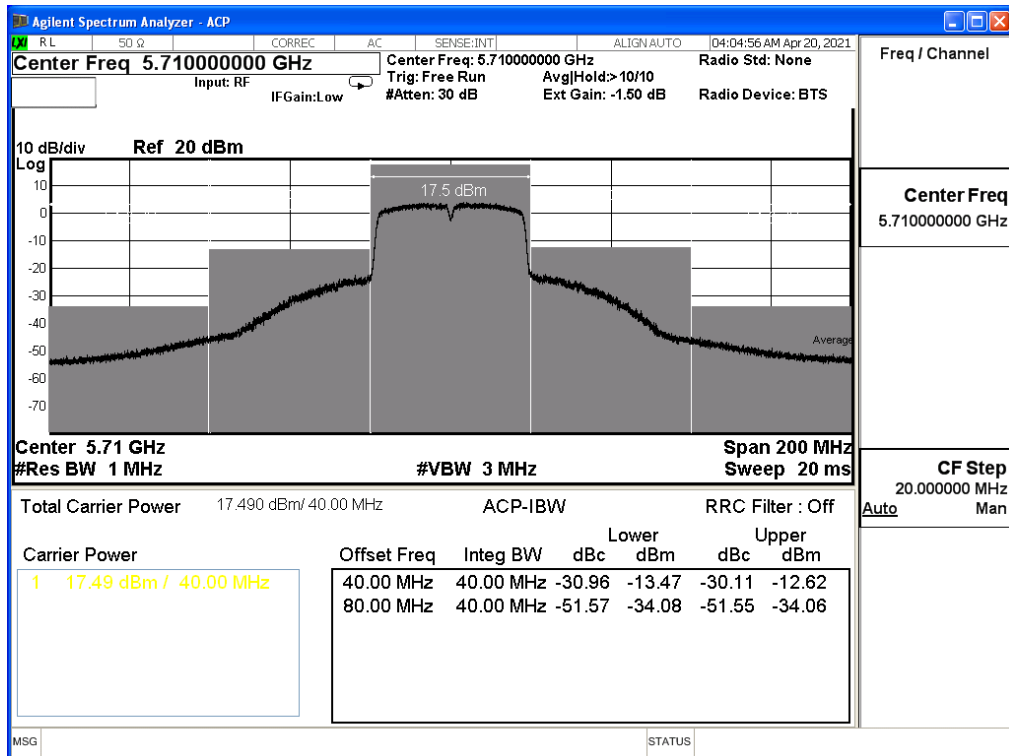
5590MHz_Ant.0



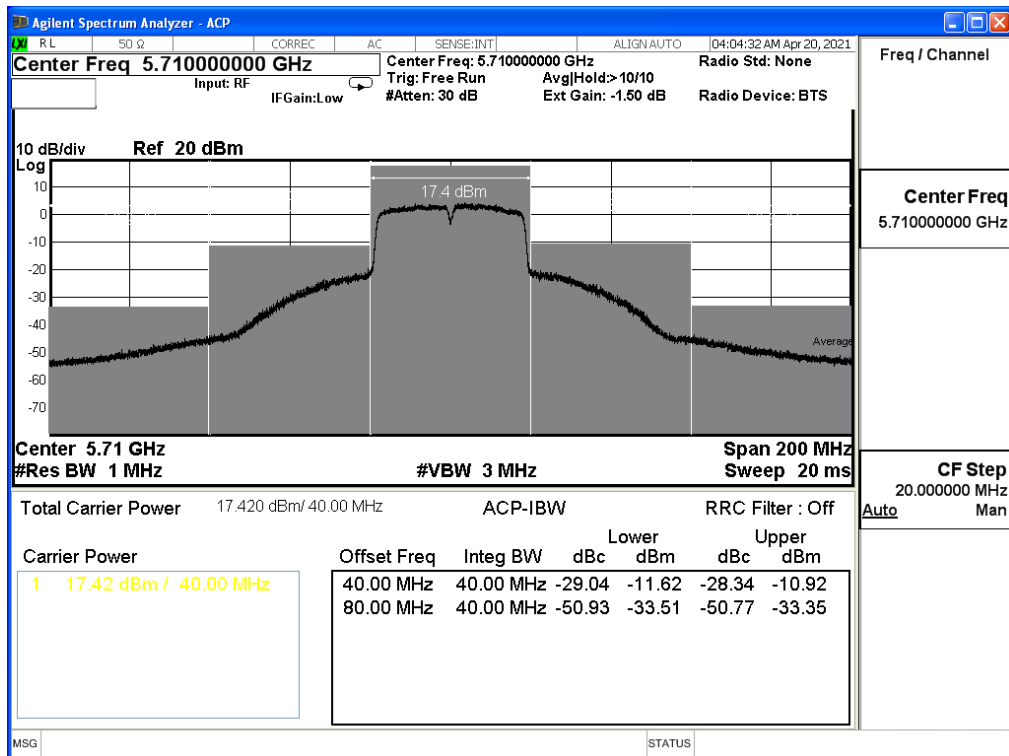
5590MHz_Ant.1



5710MHz_Ant.0



5710MHz_Ant.1



Product	Wireless LAN Access Point		
Test Item	Adjacent Channel Emitted Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/29 & 2021/04/20	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	62

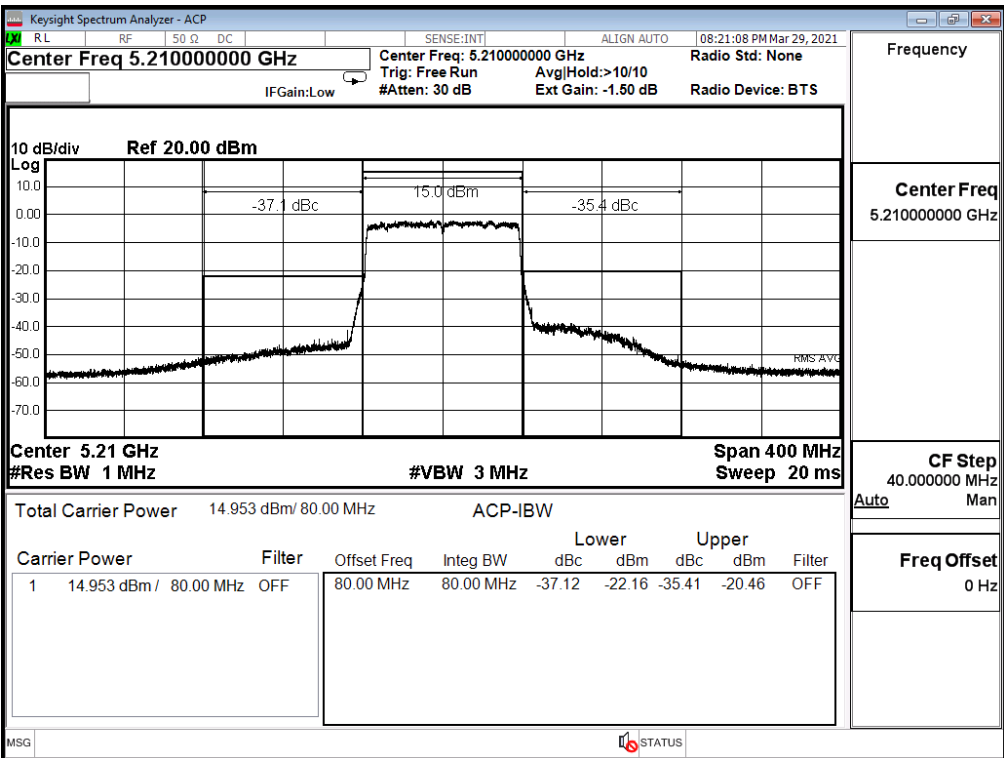
Test Mode: 802.11ac(80MHz), Ant.0

Centre Frequency (MHz)	1 st Adjacent Channel Emitted power		
	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)
5210	37.12	35.41	≥25
5290	36.77	35.00	≥25
5530	30.30	29.02	≥25
5610	28.81	26.91	≥25
5690	30.96	28.89	≥25

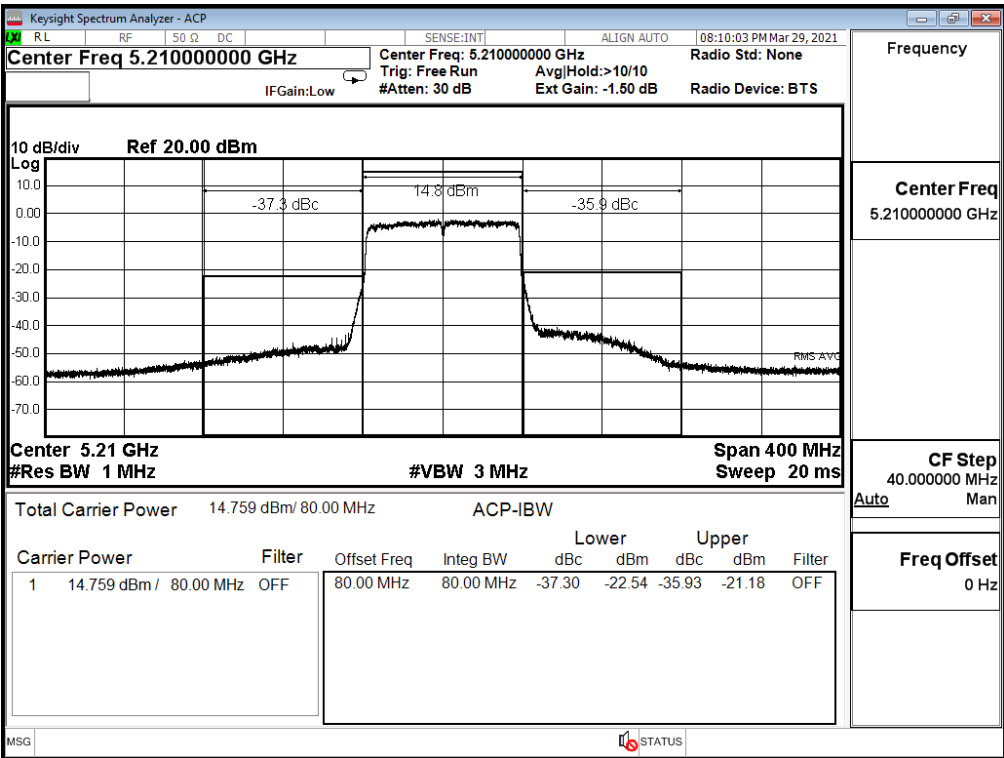
Test Mode: 802.11ac(80MHz), Ant.1

Centre Frequency (MHz)	1 st Adjacent Channel Emitted power		
	Lower ACLR (dB)	Upper ACLR (dB)	Limit (dB)
5210	37.30	35.93	≥25
5290	37.31	35.28	≥25
5530	31.35	29.97	≥25
5610	30.06	27.86	≥25
5690	30.26	28.53	≥25

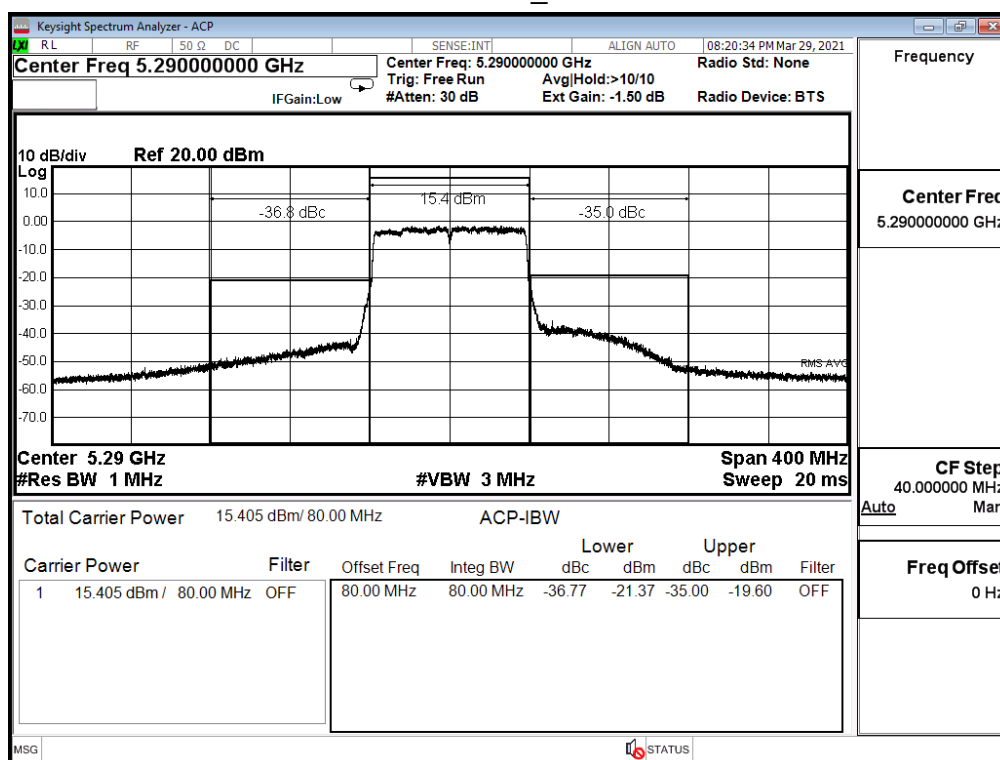
5210MHz_Ant.0



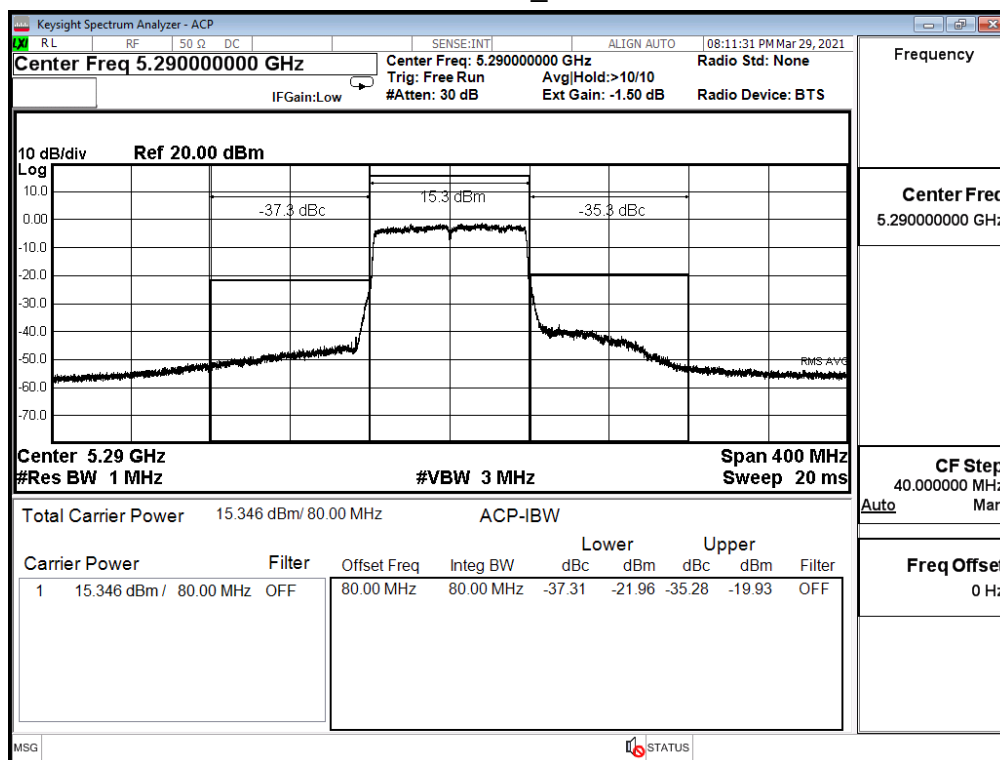
5210MHz_Ant.1



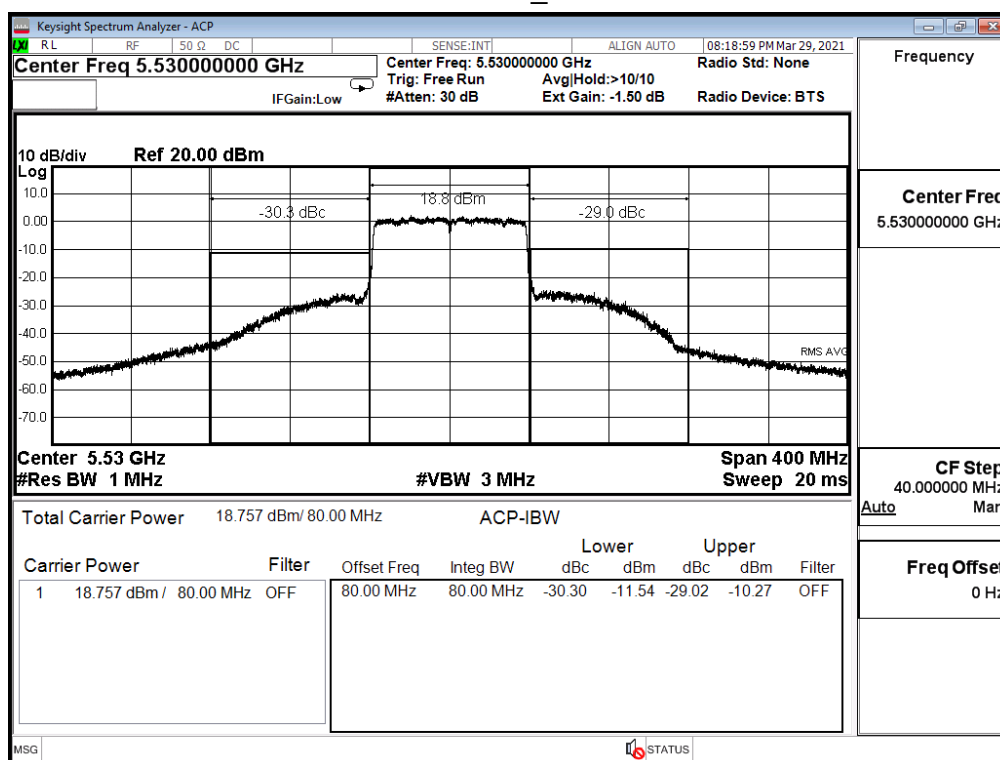
5290MHz_Ant.0



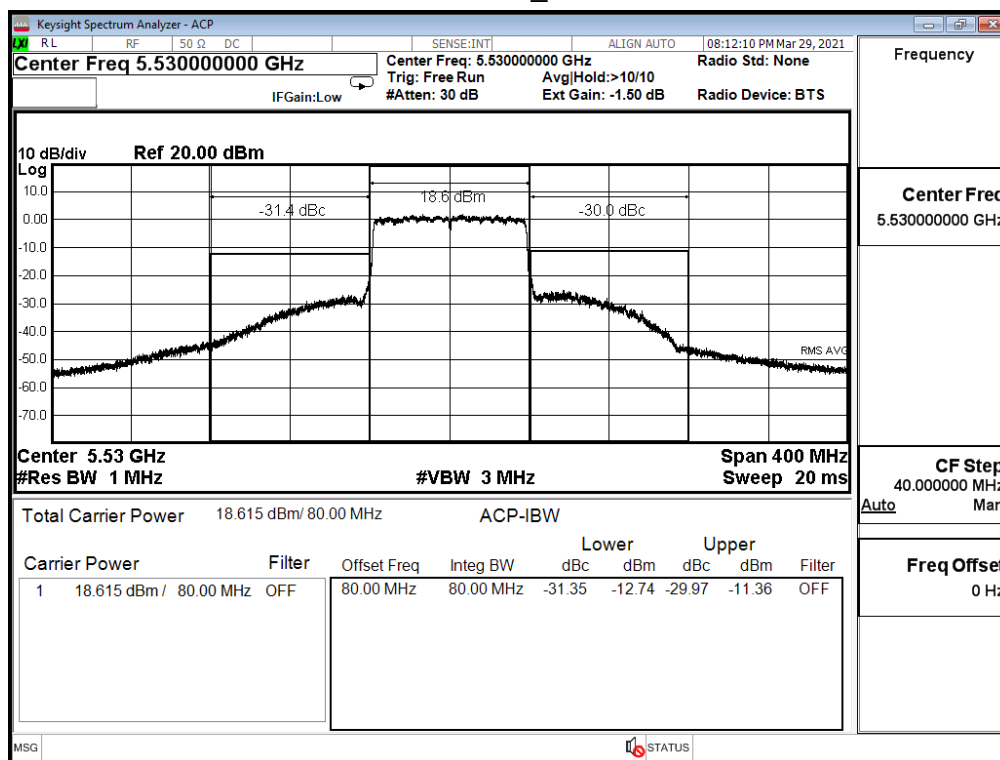
5290MHz_Ant.1



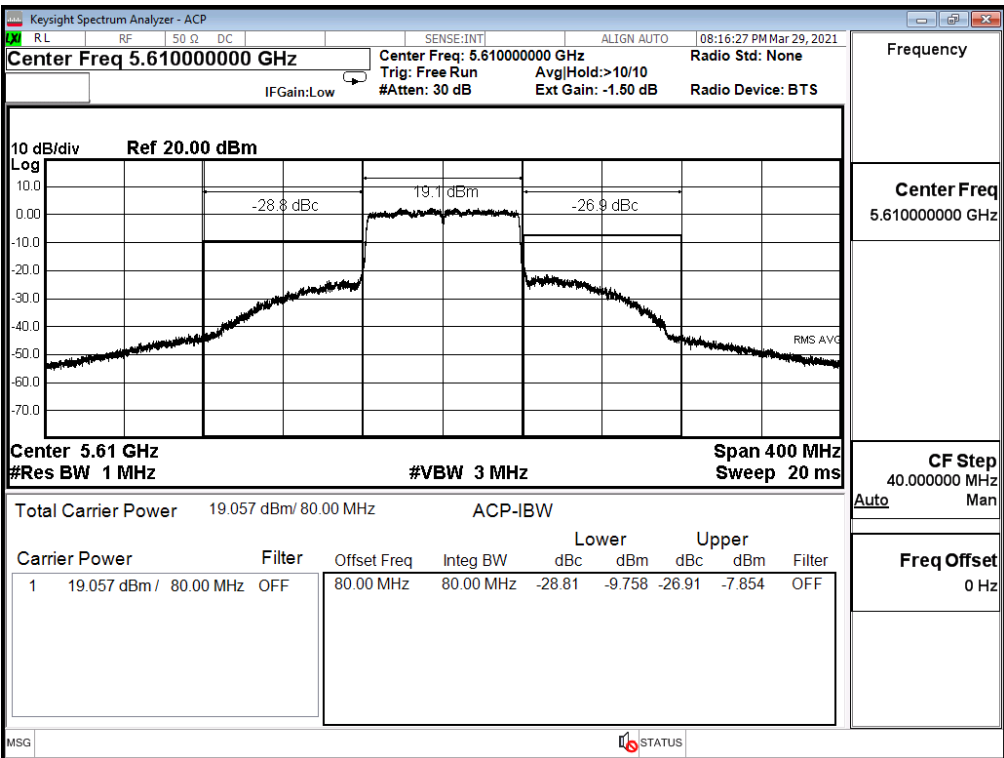
5530MHz_Ant.0



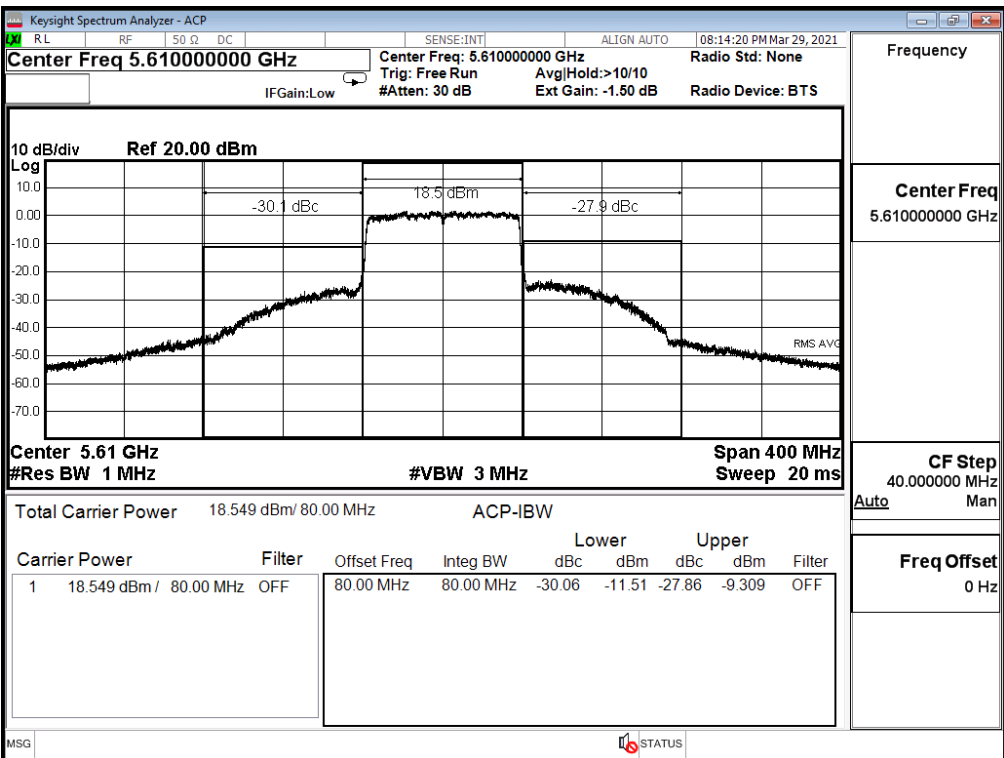
5530MHz_Ant.1



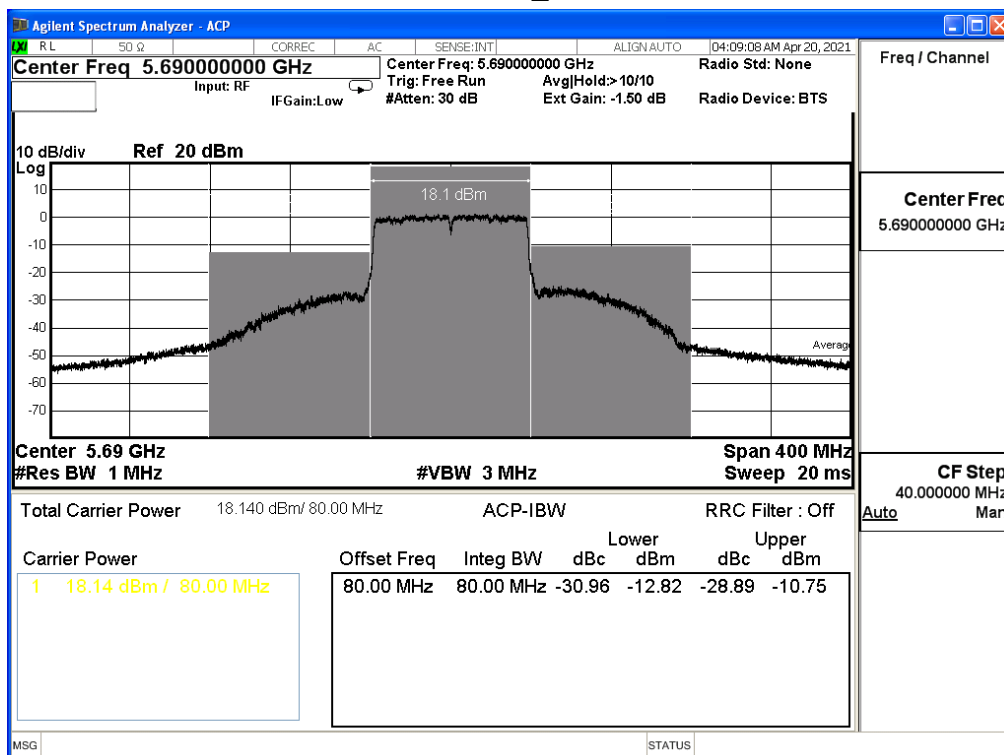
5610MHz_Ant.0



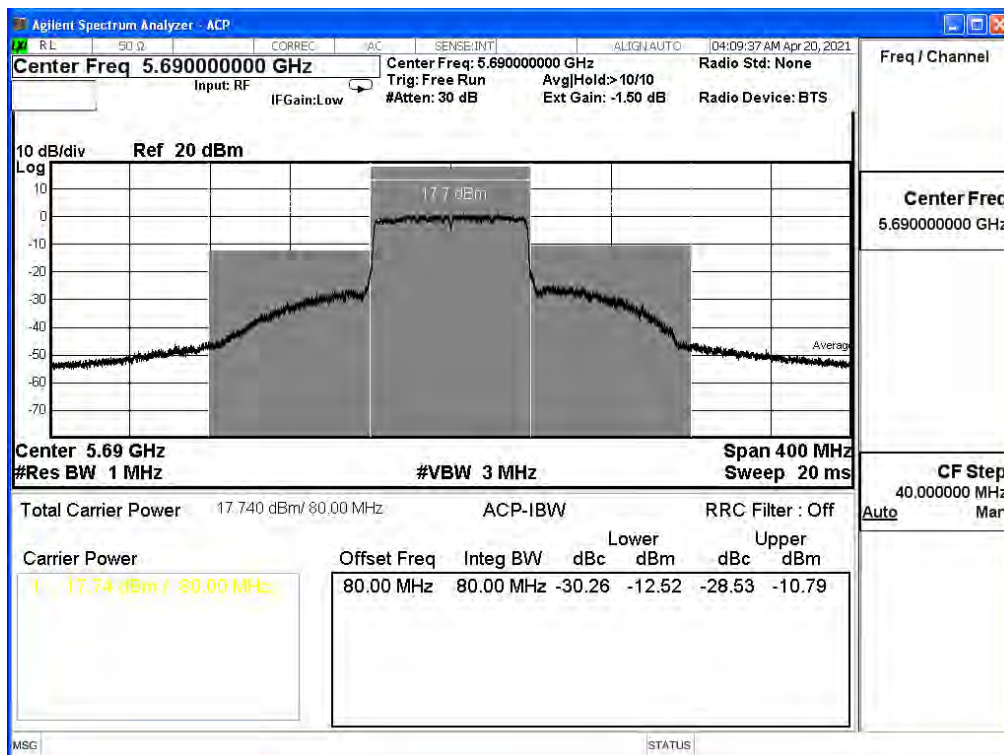
5610MHz_Ant.1



5690MHz_Ant.0



5690MHz_Ant.1



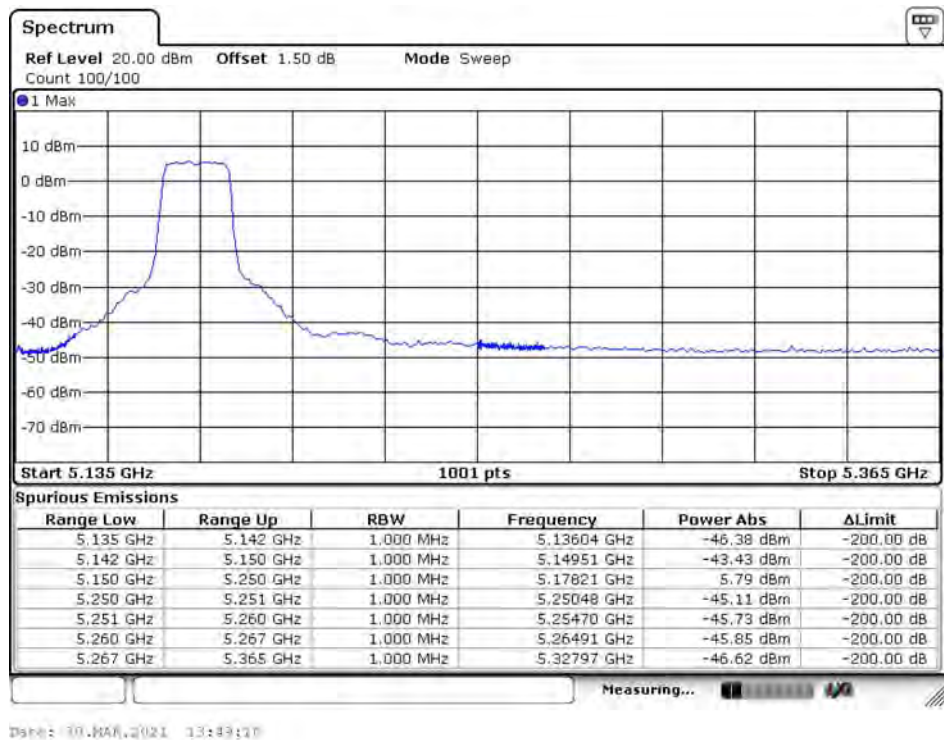
6.5. Test Result of Out-Band Leakage Power

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

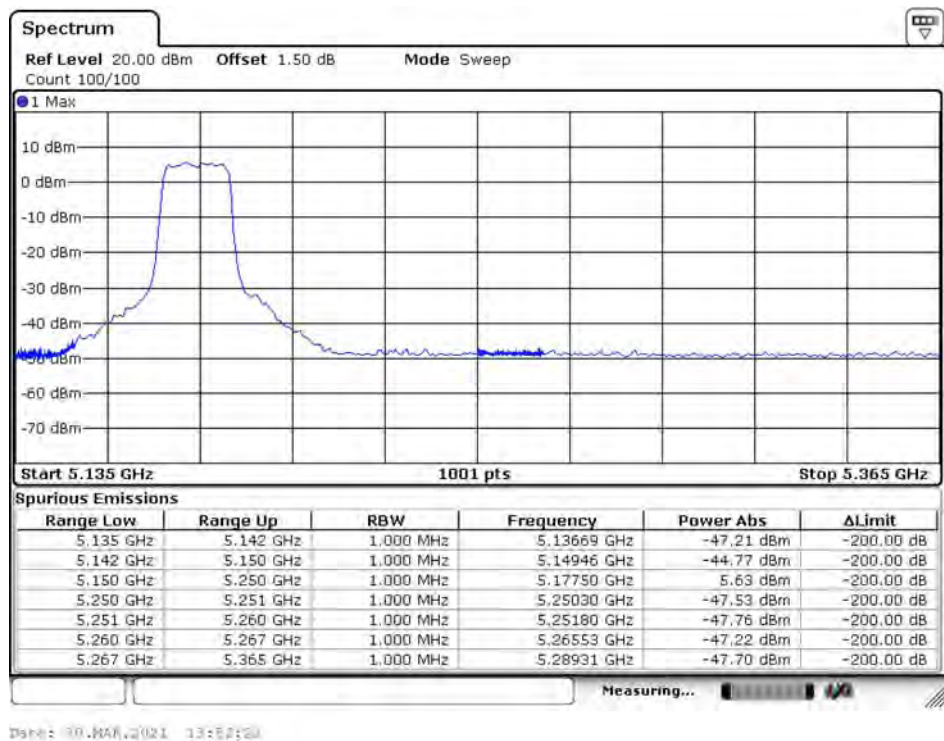
Test Mode: 802.11a, 5180MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5142	5136.04	-46.38	-42.640	0.054	2.500
5142~5150	5149.51	-43.43	-39.690	0.107	15.000
5250~5251	5250.48	-45.11	-41.370	0.073	331.131
5251~5260	5254.7	-45.73	-41.990	0.063	46.893
5260~5266.7	5264.91	-45.85	-42.110	0.062	4.081
5266.7~5365	5327.97	-46.62	-42.880	0.052	2.500

Test Mode: 802.11a, 5180MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5142	5136.69	-47.21	-43.470	0.045	2.500
5142~5150	5149.46	-44.77	-41.030	0.079	15.000
5250~5251	5250.30	-47.53	-43.790	0.042	501.187
5251~5260	5251.80	-47.76	-44.020	0.040	84.896
5260~5266.7	5265.53	-47.22	-43.480	0.045	3.439
5266.7~5365	5289.31	-47.70	-43.960	0.040	2.500

5180MHz_Ant.0



5180MHz_Ant.1

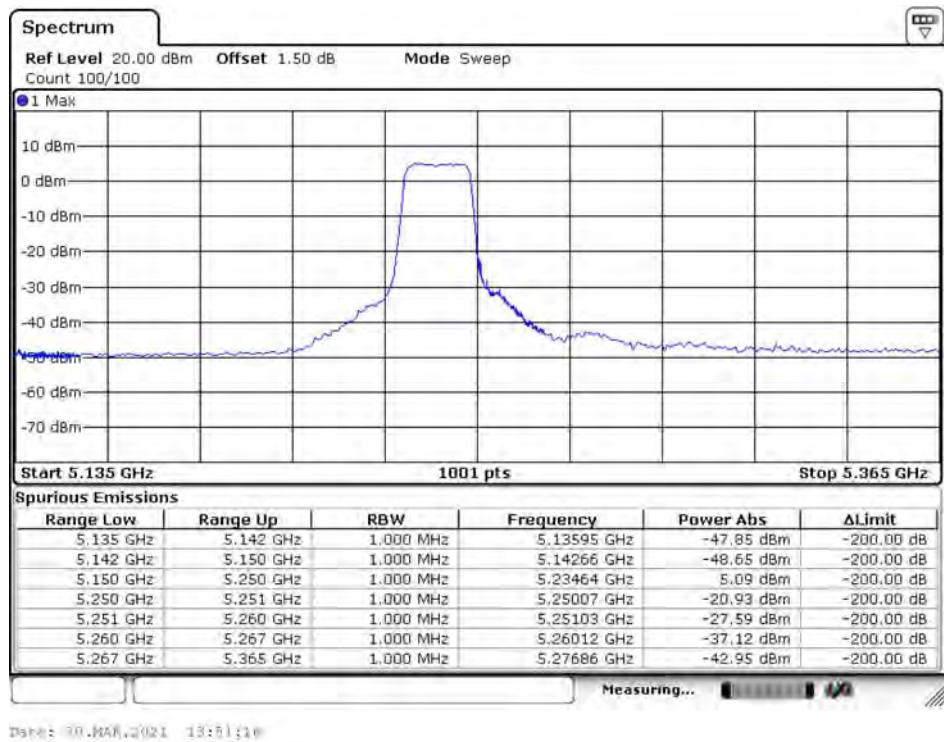


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

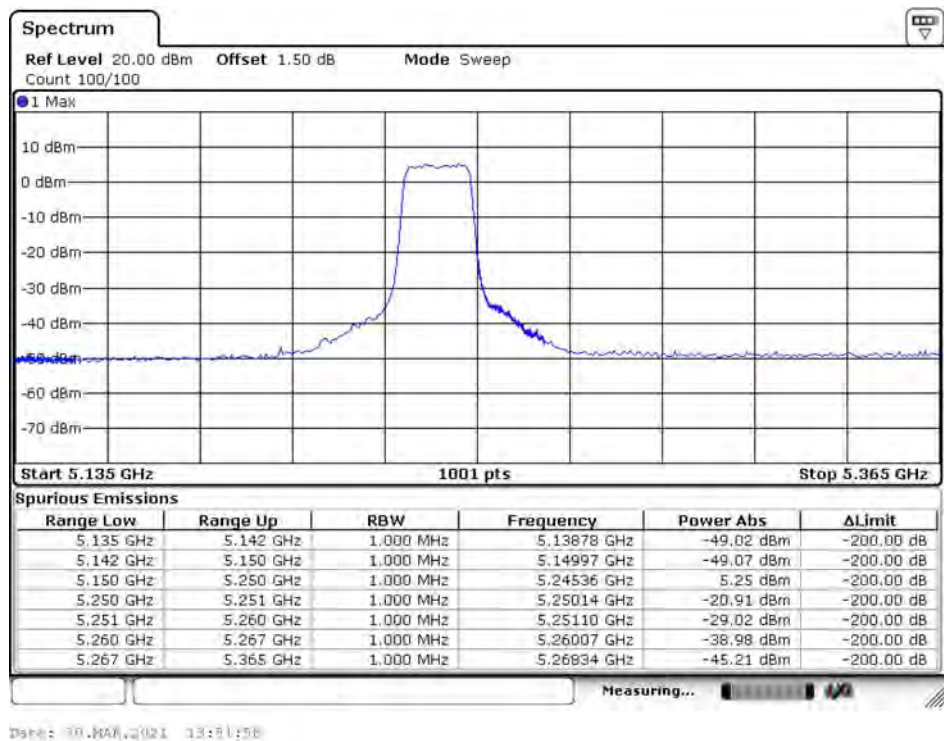
Test Mode: 802.11a, 5240MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5142	5135.95	-47.85	-44.110	0.039	2.500
5142~5150	5142.66	-48.65	-44.910	0.032	15.000
5250~5251	5250.07	-20.93	-17.190	19.099	851.138
5251~5260	5251.03	-27.59	-23.850	4.121	99.388
5260~5266.7	5260.12	-37.12	-33.380	0.459	15.332
5266.7~5365	5276.86	-42.95	-39.210	0.120	2.500

Test Mode: 802.11a, 5240MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5142	5138.78	-49.02	-45.280	0.030	2.500
5142~5150	5149.97	-49.07	-45.330	0.029	15.000
5250~5251	5250.14	-20.91	-17.170	19.187	724.436
5251~5260	5251.10	-29.02	-25.280	2.965	97.974
5260~5266.7	5260.07	-38.98	-35.240	0.299	15.545
5266.7~5365	5268.34	-45.21	-41.470	0.071	2.500

5240MHz_Ant.0



5240MHz_Ant.1

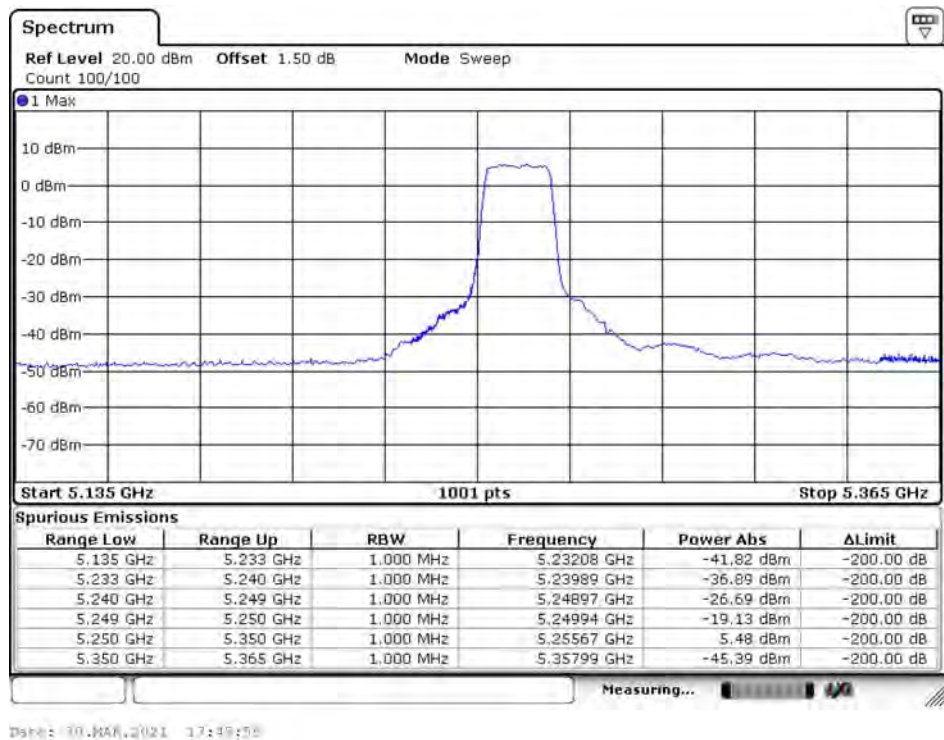


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

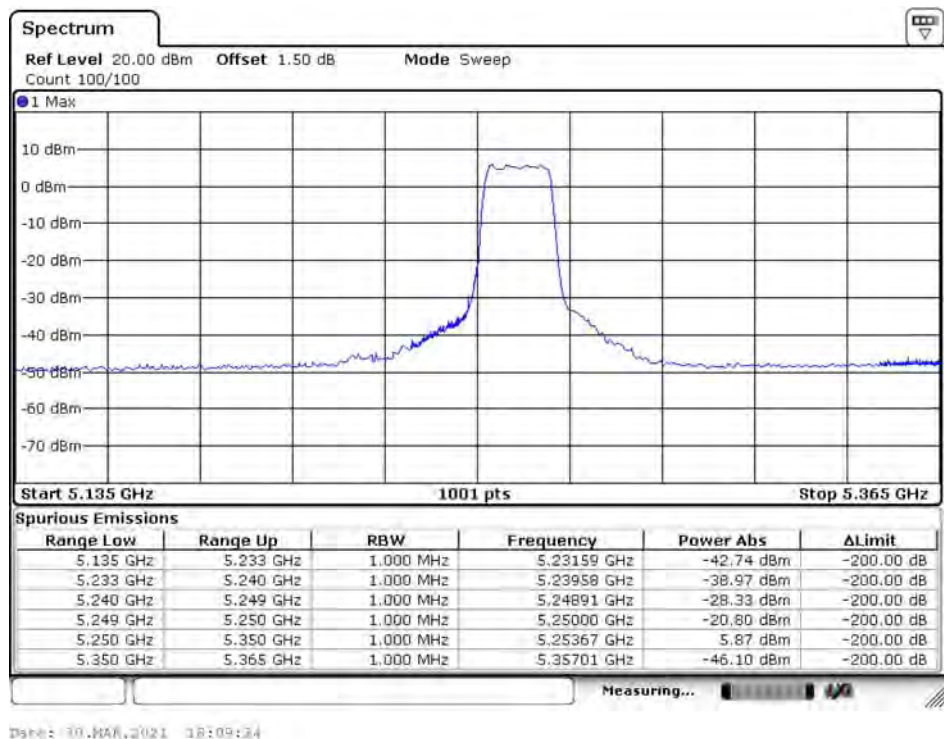
Test Mode: 802.11a, 5260MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5233.3	5232.08	-41.82	-38.080	0.156	2.500
5233.3~5240	5239.89	-36.89	-33.150	0.484	15.374
5240~5249	5248.97	-26.69	-22.950	5.070	99.388
5249~5250	5249.94	-19.13	-15.390	28.907	871
5350~5365	5357.99	-45.39	-41.650	0.068	2.500

Test Mode: 802.11a, 5260MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5233.3	5231.59	-42.74	-39.000	0.126	2.500
5233.3~5240	5239.58	-38.97	-35.230	0.300	14.112
5240~5249	5248.91	-28.33	-24.590	3.475	98.175
5249~5250	5250.00	-20.80	-17.060	19.679	1000.000
5350~5365	5357.01	-46.10	-42.360	0.058	2.500

5260MHz_Ant.0



5260MHz_Ant.1

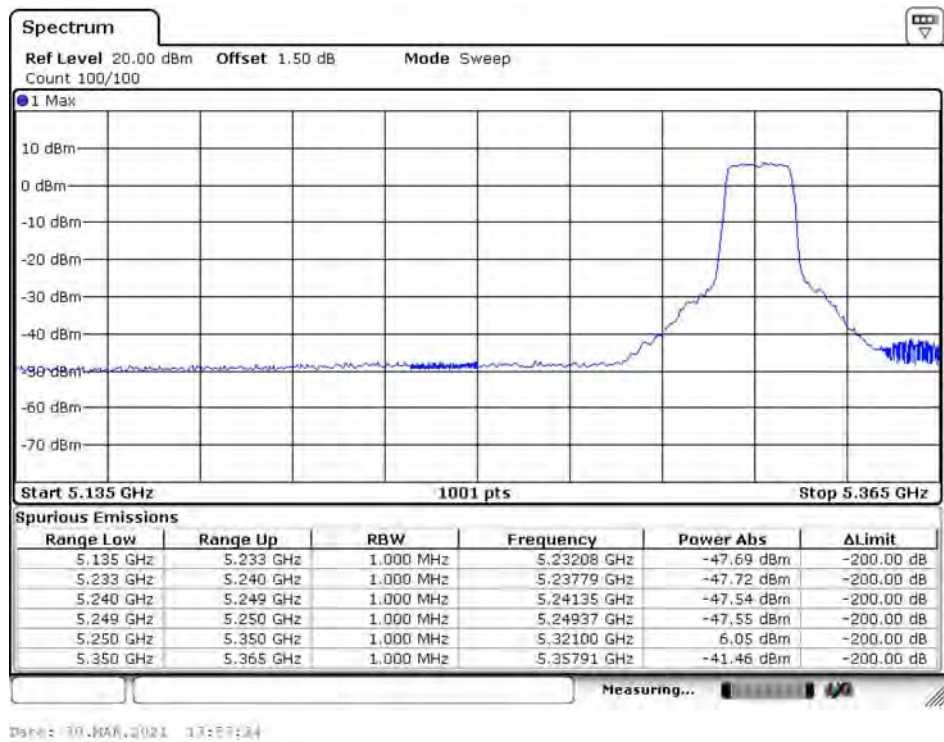


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

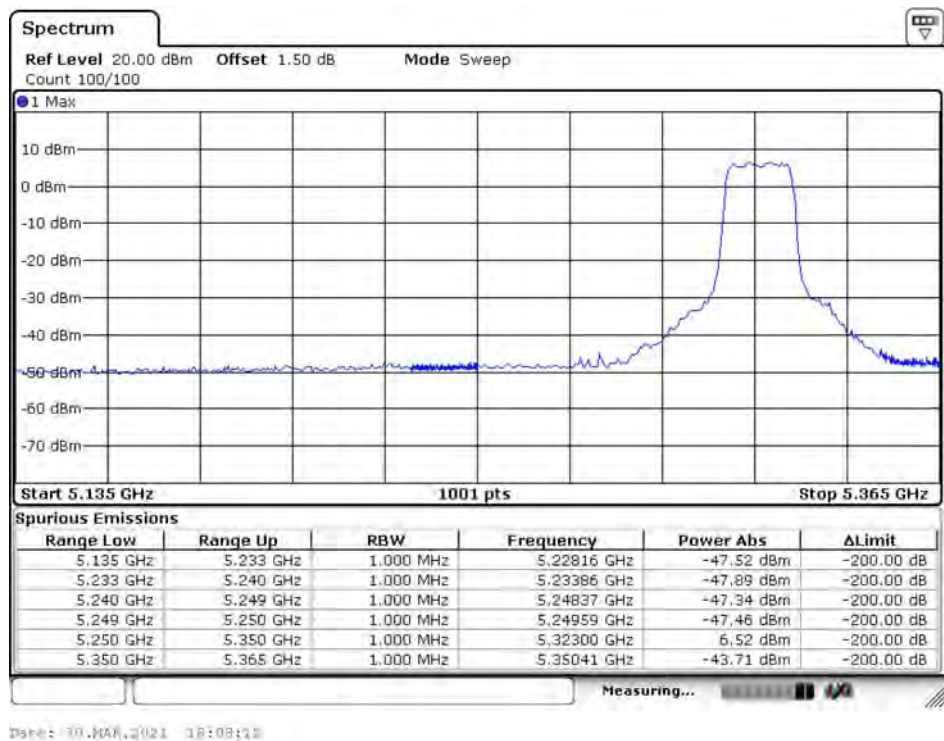
Test Mode: 802.11a, 5320MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5233.3	5232.08	-47.69	-43.950	0.040	2.500
5233.3~5240	5237.79	-47.72	-43.980	0.040	8.606
5240~5249	5241.35	-47.54	-43.800	0.042	20.893
5249~5250	5249.37	-47.55	-43.810	0.042	234.423
5350~5365	5357.91	-41.46	-37.720	0.169	2.500

Test Mode: 802.11a, 5320MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5233.3MHz	5228.16	-47.52	-43.780	0.042	2.500
5233.3~5240MHz	5233.86	-47.89	-44.150	0.038	2.905
5240~5249MHz	5248.39	-47.34	-43.600	0.044	88.263
5249~5250MHz	5249.59	-47.46	-43.720	0.042	389.045
5350~5365MHz	5350.41	-43.71	-39.970	0.101	2.500

5320MHz_Ant.0



5320MHz_Ant.1

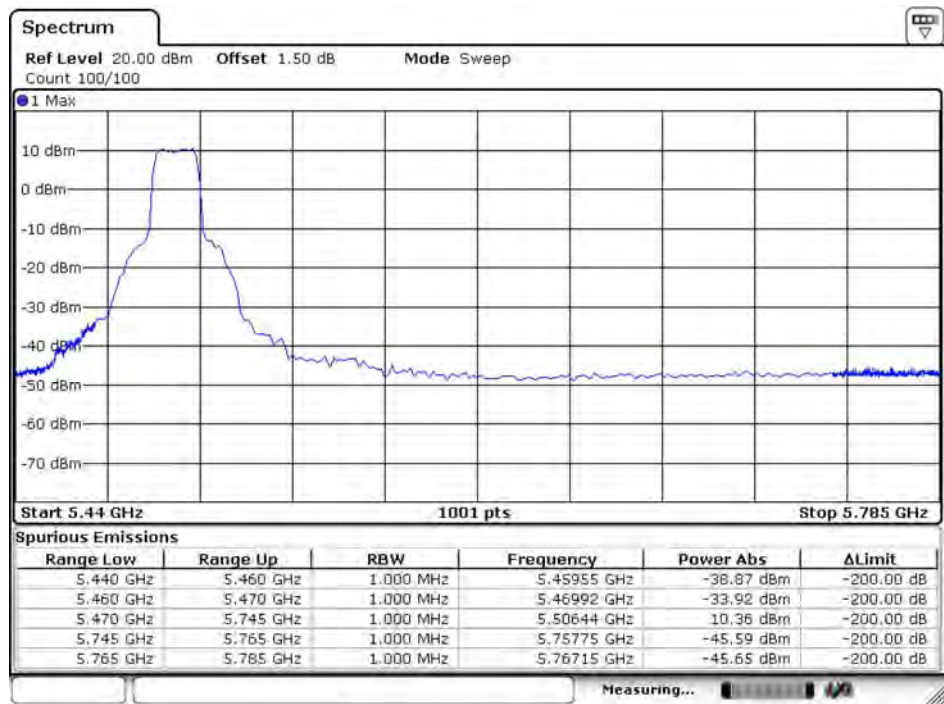


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/15	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11a, 5500MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5459.55	-38.87	-35.130	0.307	2.500
5460~5470	5469.92	-33.92	-30.180	0.959	12.500
5745~5765	5757.75	-45.59	-41.850	0.065	12.500
5765~5785	5767.15	-45.65	-41.910	0.064	2.500

Test Mode: 802.11a, 5500MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5459.75	-39.11	-35.370	0.290	2.500
5460~5470	5469.92	-34.03	-30.290	0.935	12.500
5745~5765	5748.45	-46.36	-42.620	0.055	12.500
5765~5785	5772.25	-45.63	-41.890	0.065	2.500

5500MHz_Ant.0



Date: 15.APR.2021 13:23:04

5500MHz_Ant.1



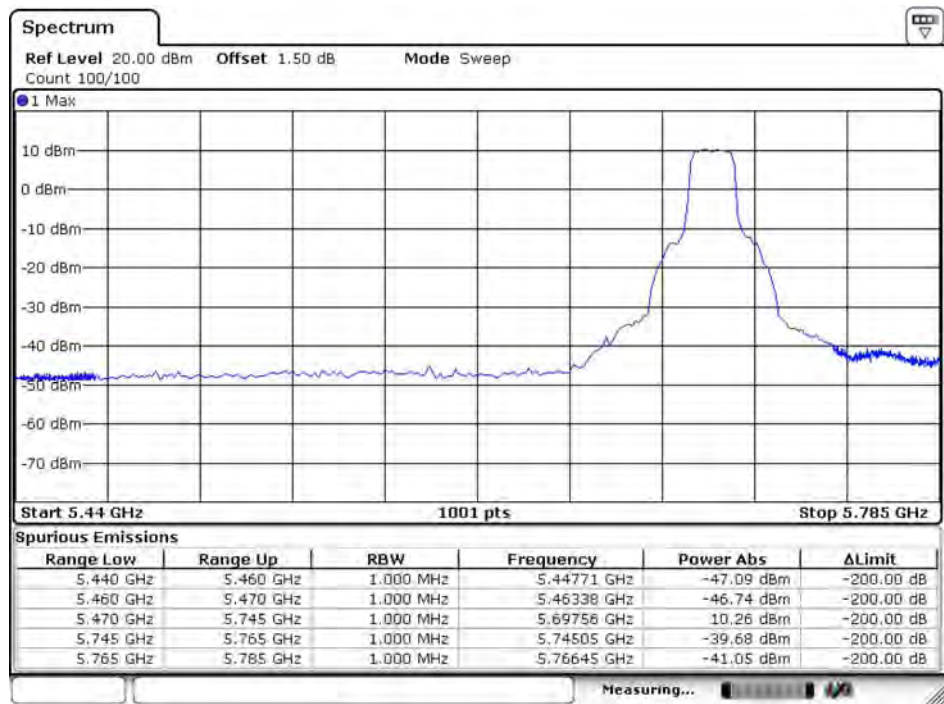
Date: 15.APR.2021 13:24:26

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/15	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11a, 5700MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5447.71	-47.09	-43.350	0.046	2.500
5460~5470	5463.38	-46.74	-43.000	0.050	12.500
5745~5765	5745.05	-39.68	-35.940	0.255	12.500
5765~5785	5766.45	-41.05	-37.310	0.186	2.500

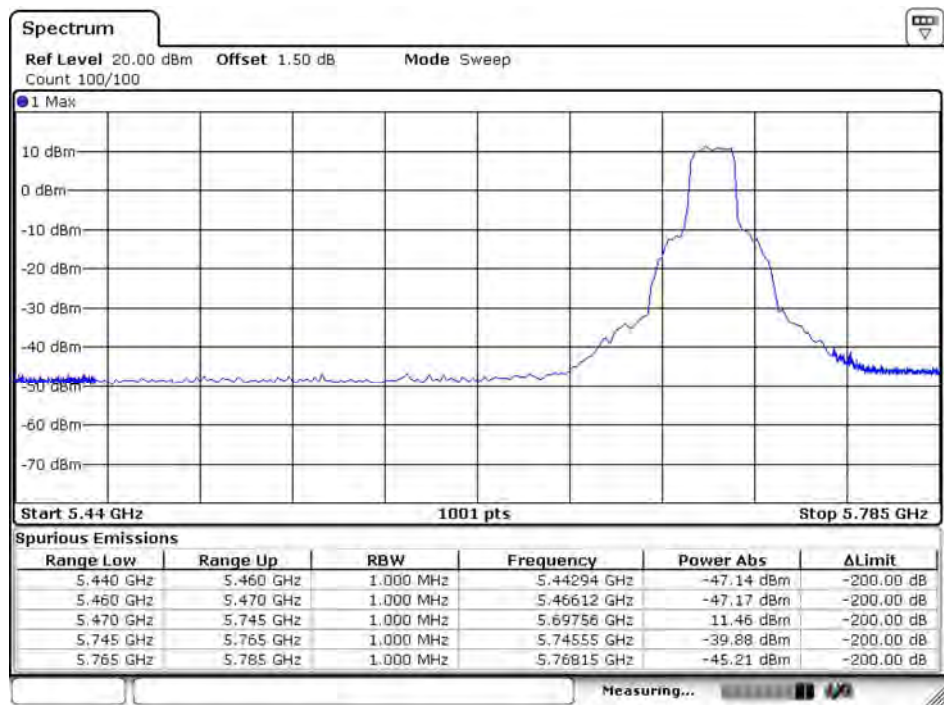
Test Mode: 802.11a, 5700MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5442.94	-47.14	-43.400	0.046	2.500
5460~5470	5466.12	-47.17	-43.430	0.045	12.500
5745~5765	5745.55	-39.88	-36.140	0.243	12.500
5765~5785	5768.15	-45.21	-41.470	0.071	2.500

5700MHz_Ant.0



Date: 15.APR.2021 13:48:10

5700MHz_Ant.1



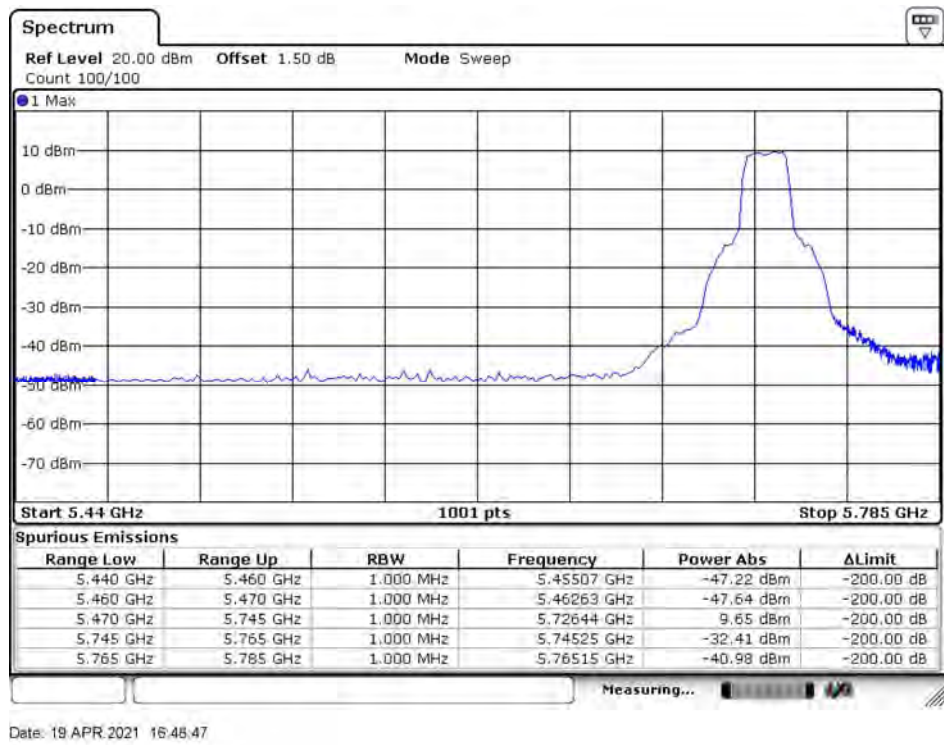
Date: 15.APR.2021 13:46:49

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/19	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

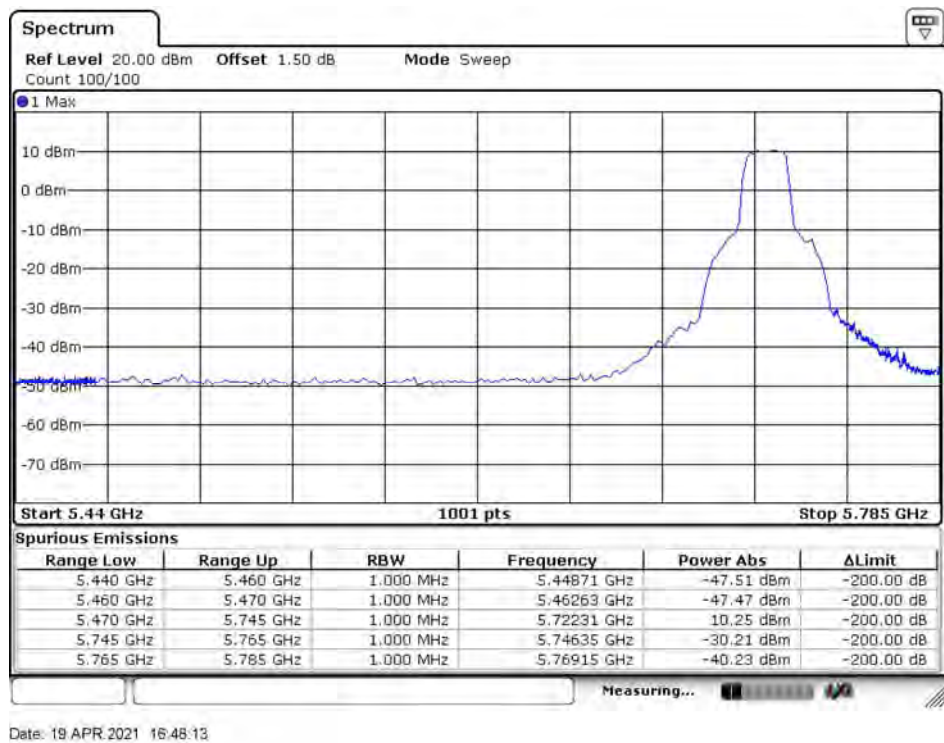
Test Mode: 802.11a, 5720MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460Mhz	5455.07	-47.22	-43.480	0.045	2.500
5460~5470Mhz	5462.63	-47.64	-43.900	0.041	12.500
5745~5765Mhz	5745.25	-32.41	-28.670	1.358	12.500
5765~5785Mhz	5765.15	-40.98	-37.240	0.189	2.500

Test Mode: 802.11a, 5720MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460Mhz	5448.71	-47.51	-43.770	0.042	2.500
5460~5470Mhz	5462.63	-47.47	-43.730	0.042	12.500
5745~5765Mhz	5746.35	-30.21	-26.470	2.254	12.500
5765~5785Mhz	5769.15	-40.23	-36.490	0.224	2.500

5720MHz_Ant.0



5720MHz_Ant.1

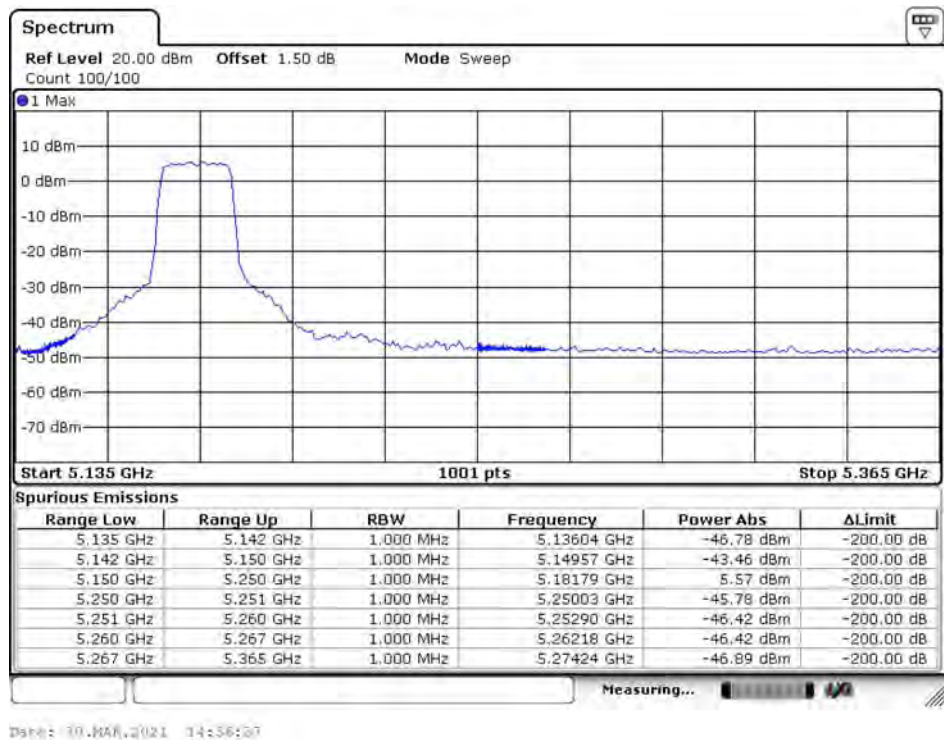


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

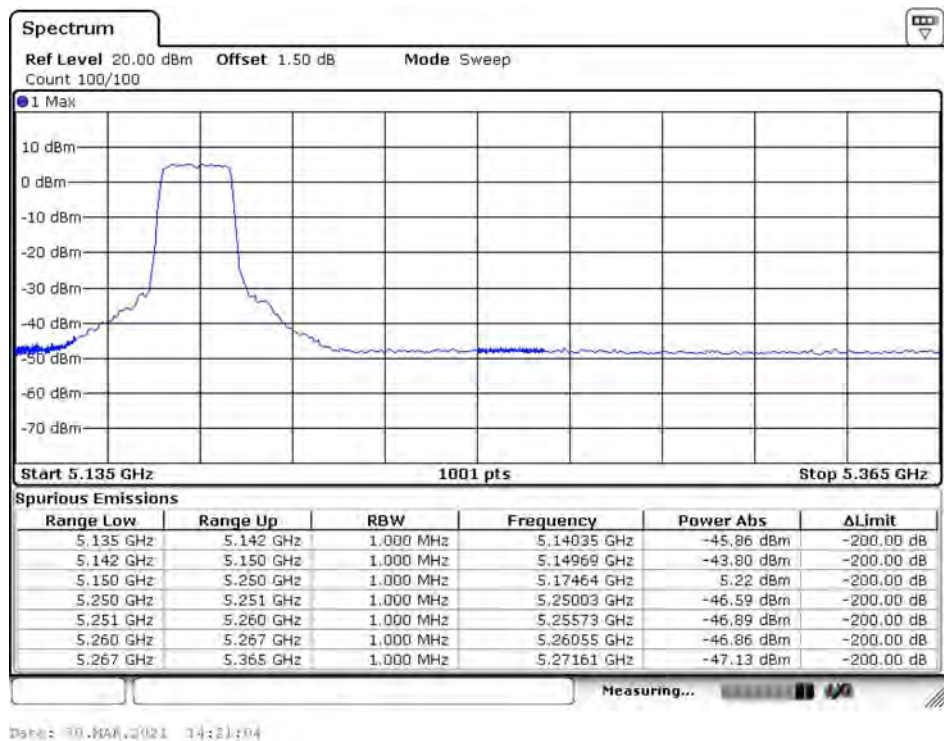
Test Mode: 802.11ac(20MHz), 5180MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5142	5136.04	-46.78	-43.040	0.050	2.500
5142~5150	5149.57	-43.46	-39.720	0.107	15.000
5250~5251	5250.03	-45.78	-42.040	0.063	933.254
5251~5260	5252.90	-46.42	-42.680	0.054	67.781
5260~5266.7	5262.18	-46.42	-42.680	0.054	8.678
5266.7~5365	5274.24	-46.89	-43.150	0.048	2.500

Test Mode: 802.11ac(20MHz), 5180MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5142	5140.35	-45.86	-42.120	0.061	2.500
5142~5150	5149.69	-43.80	-40.060	0.099	15.000
5250~5251	5250.03	-46.59	-42.850	0.052	933.254
5251~5260	5255.73	-46.89	-43.150	0.048	37.980
5260~5266.7	5260.55	-46.86	-43.120	0.049	13.614
5266.7~5365	5271.61	-47.13	-43.390	0.046	2.500

5180MHz_Ant.0



5180MHz_Ant.1



Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

Test Mode: 802.11ac(20MHz), 5240MHz, Ant.0

Cable Loss= 1.5dB

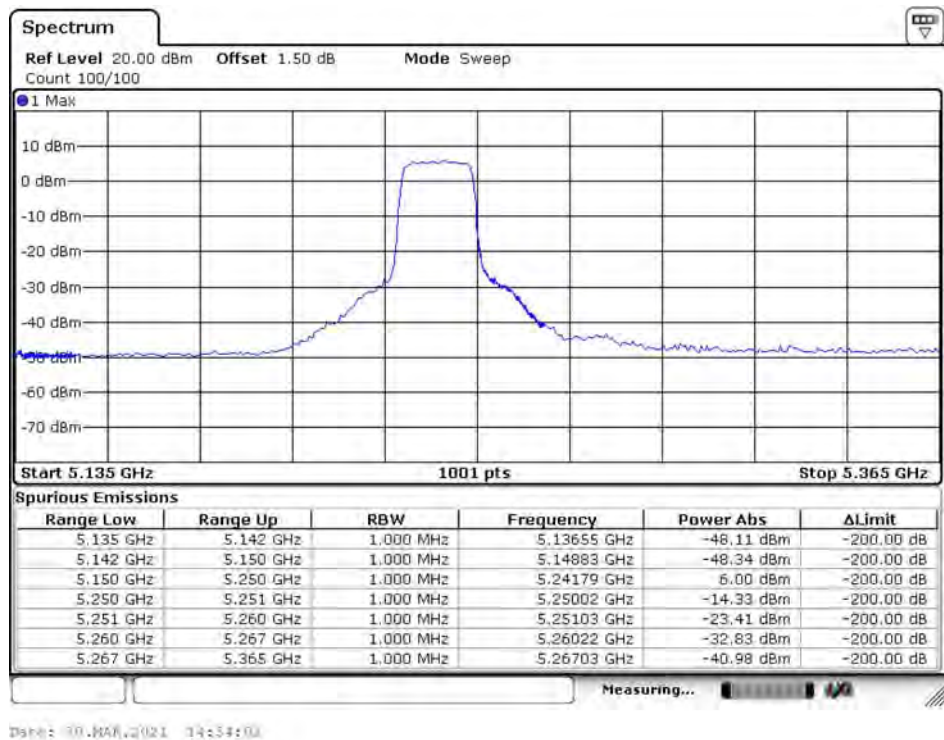
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5142	5136.55	-48.11	-44.370	0.037	2.500
5142~5150	5148.83	-48.34	-44.600	0.035	15.000
5250~5251	5250.02	-14.33	-10.590	87.297	954.993
5251~5260	5251.03	-23.41	-19.670	10.789	99.388
5260~5266.7	5260.22	-32.83	-29.090	1.233	14.914
5266.7~5365	5267.03	-40.98	-37.240	0.189	2.500

Test Mode: 802.11ac(20MHz), 5240MHz, Ant.1

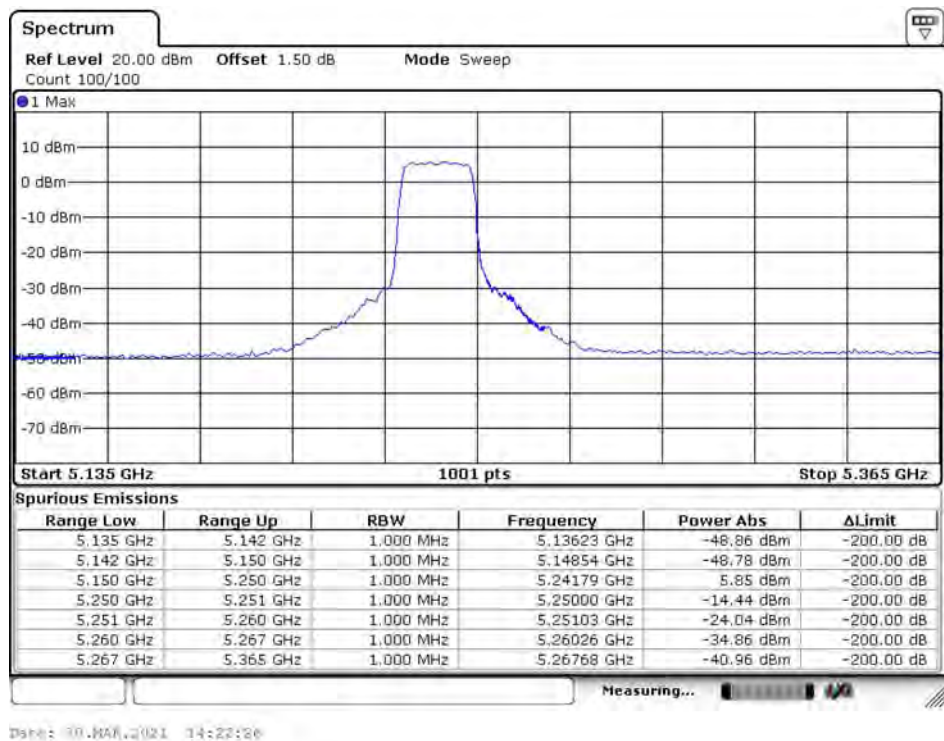
Cable Loss= 1.5dB

Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5142	5136.23	-48.86	-45.120	0.031	2.500
5142~5150	5148.54	-48.78	-45.040	0.031	15.000
5250~5251	5250.00	-14.44	-10.700	85.114	1000.000
5251~5260	5251.03	-24.04	-20.300	9.333	99.388
5260~5266.7	5260.26	-34.86	-31.120	0.773	14.750
5266.7~5365	5267.68	-40.96	-37.220	0.190	2.500

5240MHz_Ant.0



5240MHz_Ant.1

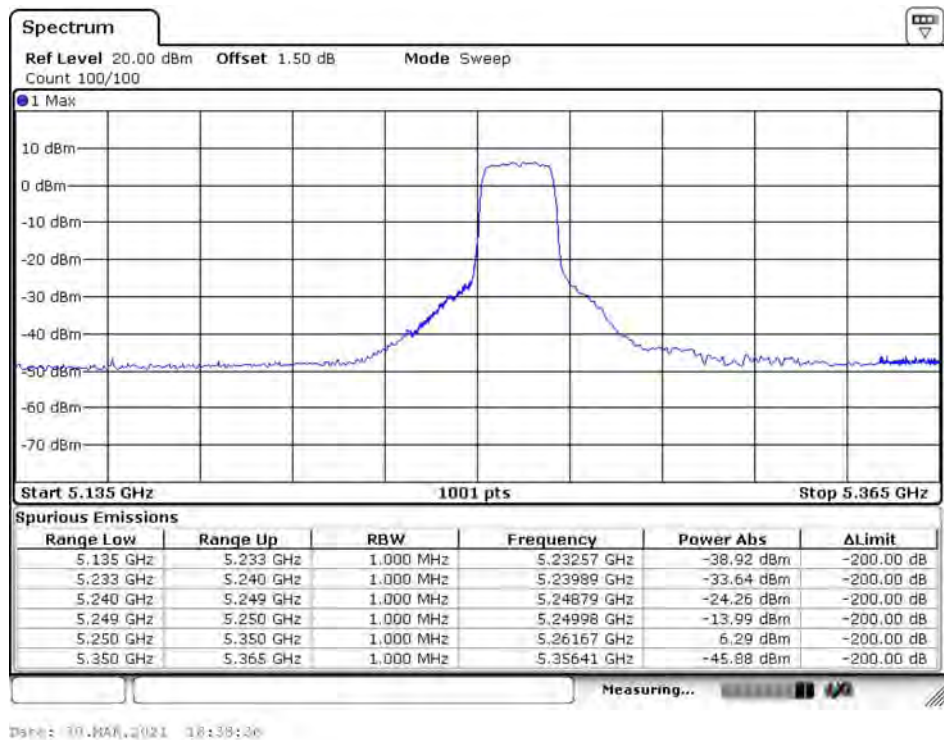


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

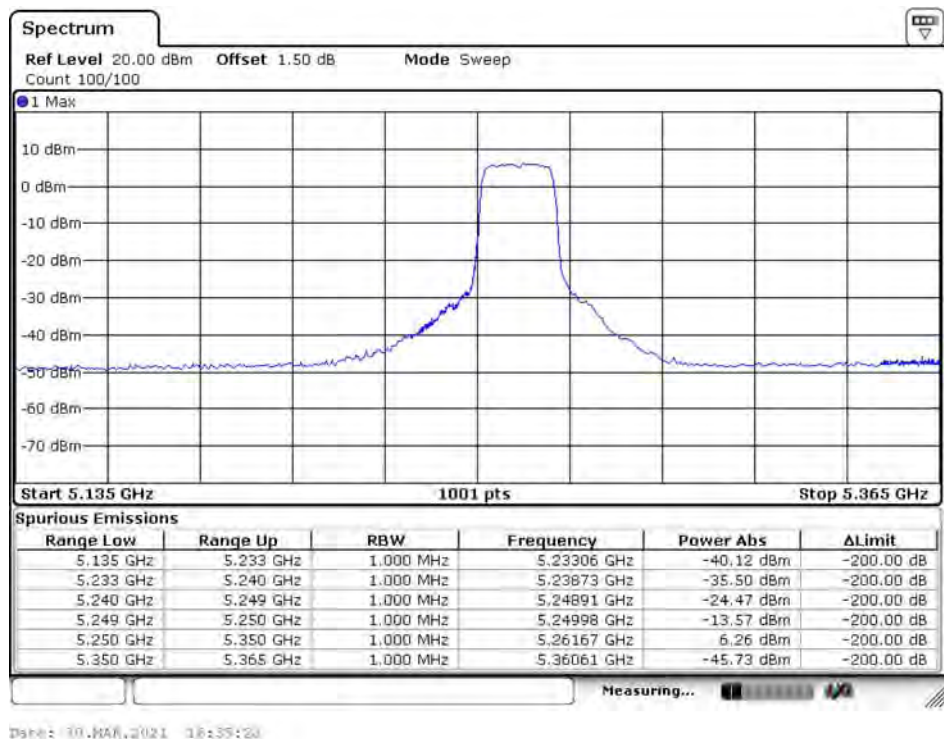
Test Mode: 802.11ac(20MHz), 5260MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5233.3	52323.57	-38.92	-35.180	0.303	2.500
5233.3~5240	5239.89	-33.64	-29.900	1.023	15.374
5240~5249	5248.79	-24.26	-20.520	8.872	95.793
5249~5250	5249.98	-13.99	-10.250	94.406	954.993
5350~5365	5356.41	-45.88	-42.140	0.061	2.500

Test Mode: 802.11ac(20MHz), 5260MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5233.3	5233.06	-40.12	-36.380	0.230	2.500
5233.3~5240	5238.73	-35.50	-31.760	0.667	11.158
5240~5249	5248.91	-24.47	-20.730	8.453	98.175
5249~5250	5249.98	-13.57	-9.830	103.992	954.993
5350~5365	5360.61	-45.73	-41.990	0.063	2.500

5260MHz_Ant.0



5260MHz_Ant.1

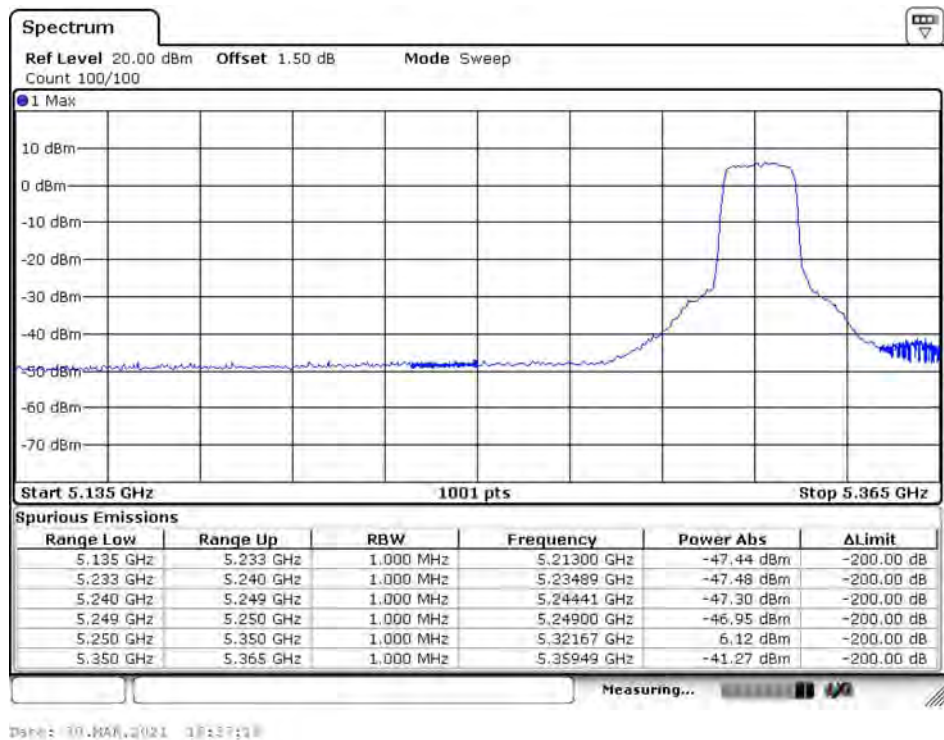


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

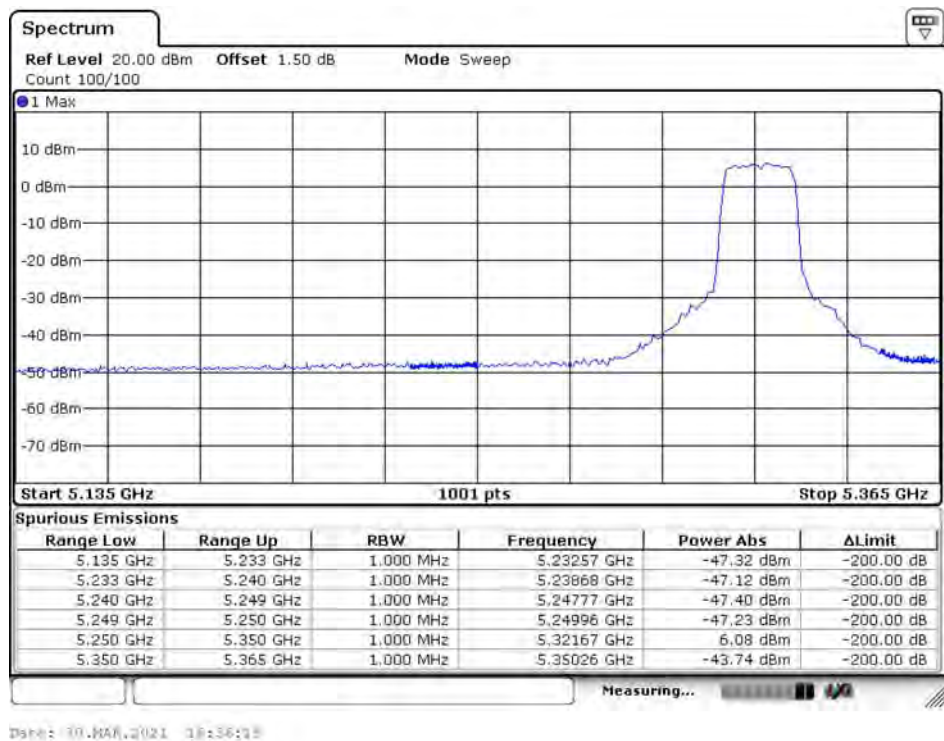
Test Mode: 802.11ac(20MHz), 5320MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5233.3	5213.00	-47.44	-43.700	0.043	2.500
5233.3~5240	5234.89	-47.48	-43.740	0.042	3.862
5240~5249	5244.41	-47.30	-43.560	0.044	39.084
5249~5250	5249.00	-46.95	-43.210	0.048	100.000
5350~5365	5359.49	-41.27	-37.530	0.177	2.500

Test Mode: 802.11ac(20MHz), 5320MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5135~5233.3	5232.57	-47.32	-43.580	0.044	2.500
5233.3~5240	5238.68	-47.12	-43.380	0.046	11.005
5240~5249	5247.77	-47.40	-43.660	0.043	77.744
5249~5250	5249.96	-47.23	-43.490	0.045	912.011
5350~5365	5350.26	-43.74	-40.000	0.100	2.500

5320MHz_Ant.0



5320MHz_Ant.1



Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/15	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(20MHz), 5500MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5459.75	-36.83	-33.090	0.491	2.500
5460~5470	5469.08	-33.02	-29.280	1.180	12.500
5745~5765	5751.05	-45.21	-41.470	0.071	12.500
5765~5785	5779.55	-45.10	-41.360	0.073	2.500

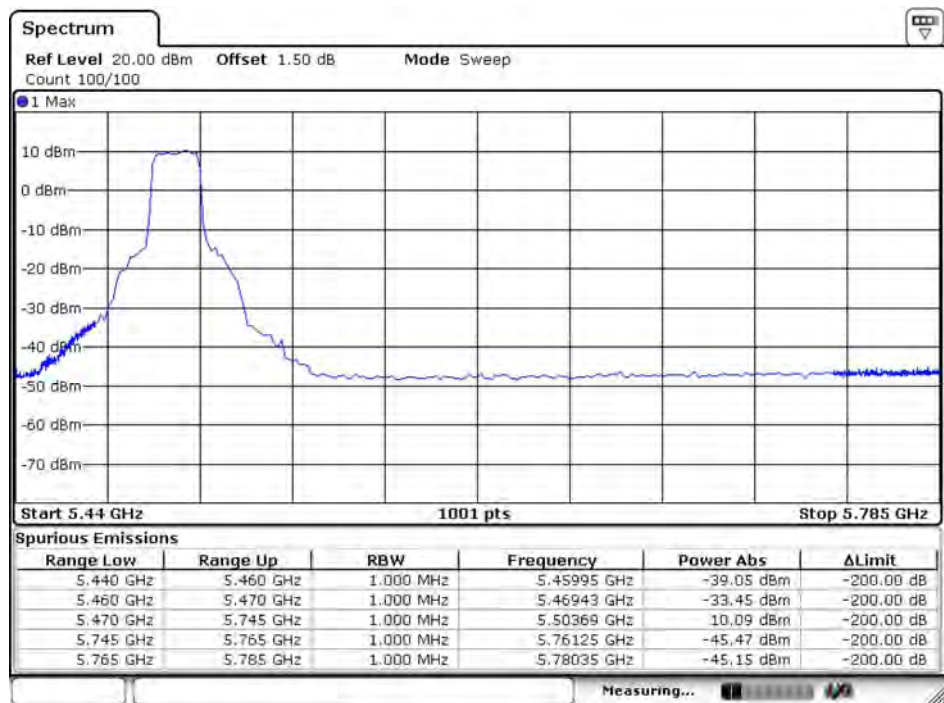
Test Mode: 802.11ac(20MHz), 5500MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5459.95	-39.05	-35.310	0.294	2.500
5460~5470	5469.43	-33.45	-29.710	1.069	12.500
5745~5765	5761.25	-45.47	-41.730	0.067	12.500
5765~5785	5780.35	-45.15	-41.410	0.072	2.500

5500MHz_Ant.0



Date: 15.APR.2021 14:18:20

5500MHz_Ant.1



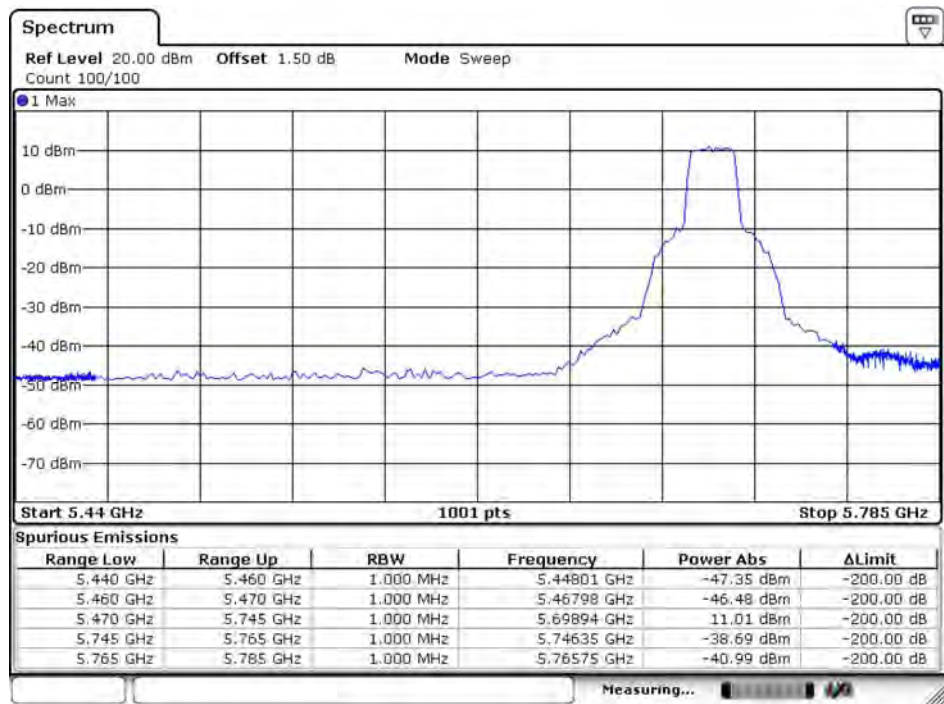
Date: 15.APR.2021 14:15:39

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/15	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(20MHz), 5700MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5448.01	-47.35	-43.610	0.044	2.500
5460~5470	5467.98	-46.48	-42.740	0.053	12.500
5745~5765	5746.35	-38.69	-34.950	0.320	12.500
5765~5785	5765.75	-40.99	-37.250	0.188	2.500

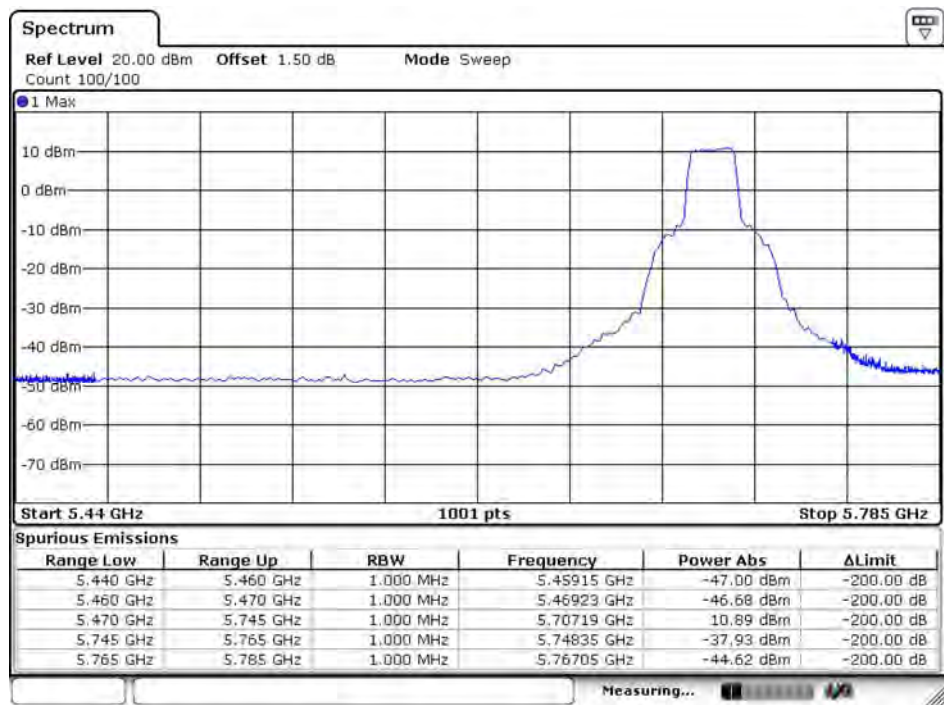
Test Mode: 802.11ac(20MHz), 5700MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5459.15	-47.00	-43.260	0.047	2.500
5460~5470	5469.23	-46.68	-42.940	0.051	12.500
5745~5765	5748.35	-37.93	-34.190	0.381	12.500
5765~5785	5767.05	-44.62	-40.880	0.082	2.500

5700MHz_Ant.0



Date: 15.APR.2021 14:11:01

5700MHz_Ant.1



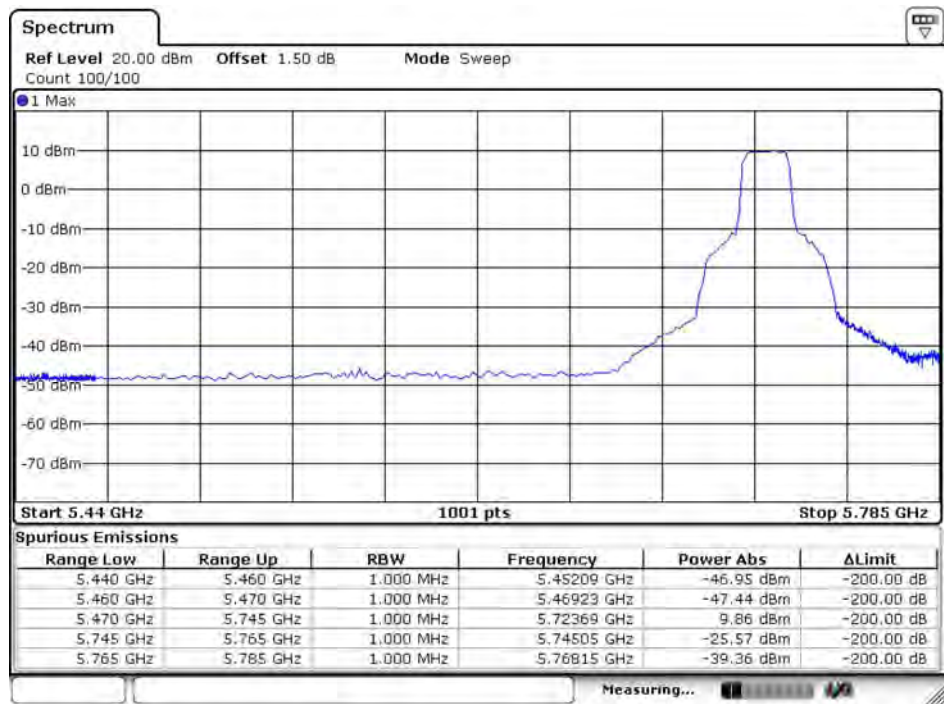
Date: 15.APR.2021 14:12:02

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/19	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(20MHz), 5720MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5452.09	-46.95	-43.210	0.048	2.500
5460~5470	5469.23	-47.44	-43.700	0.043	12.500
5745~5765	5745.05	-25.57	-21.830	6.561	12.500
5765~5785	5768.15	-39.36	-35.620	0.274	2.500

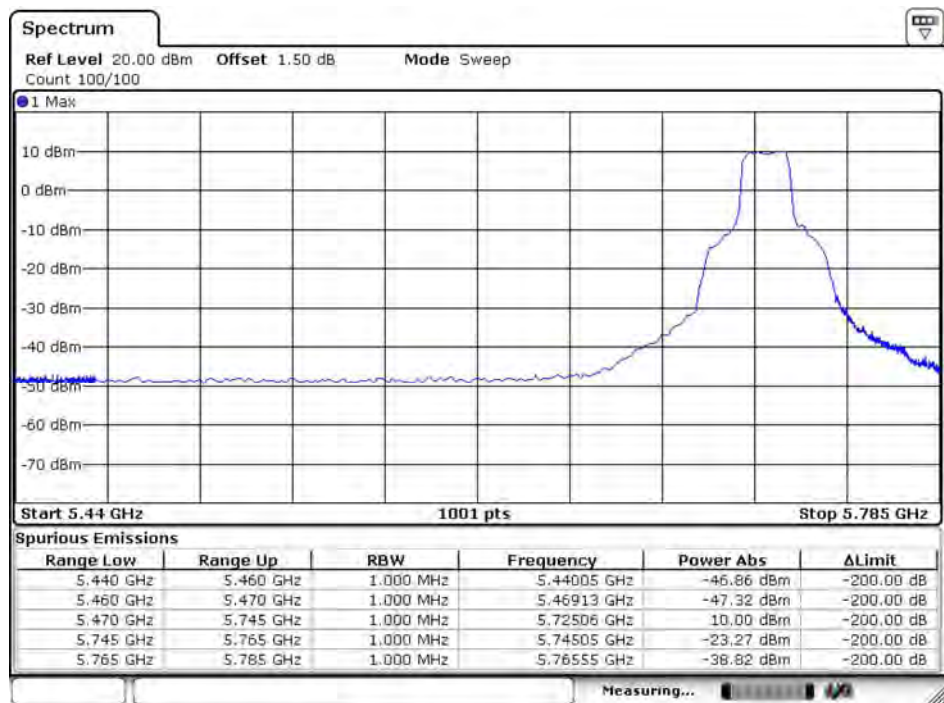
Test Mode: 802.11ac(20MHz), 5720MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5440~5460	5440.05	-46.86	-43.120	0.049	2.500
5460~5470	5469.13	-47.32	-43.580	0.044	12.500
5745~5765	5745.05	-23.27	-19.530	11.143	12.500
5765~5785	5765.55	-38.82	-35.080	0.310	2.500

5720MHz_Ant.0



Date: 19 APR 2021 16:45:41

5720MHz_Ant.1



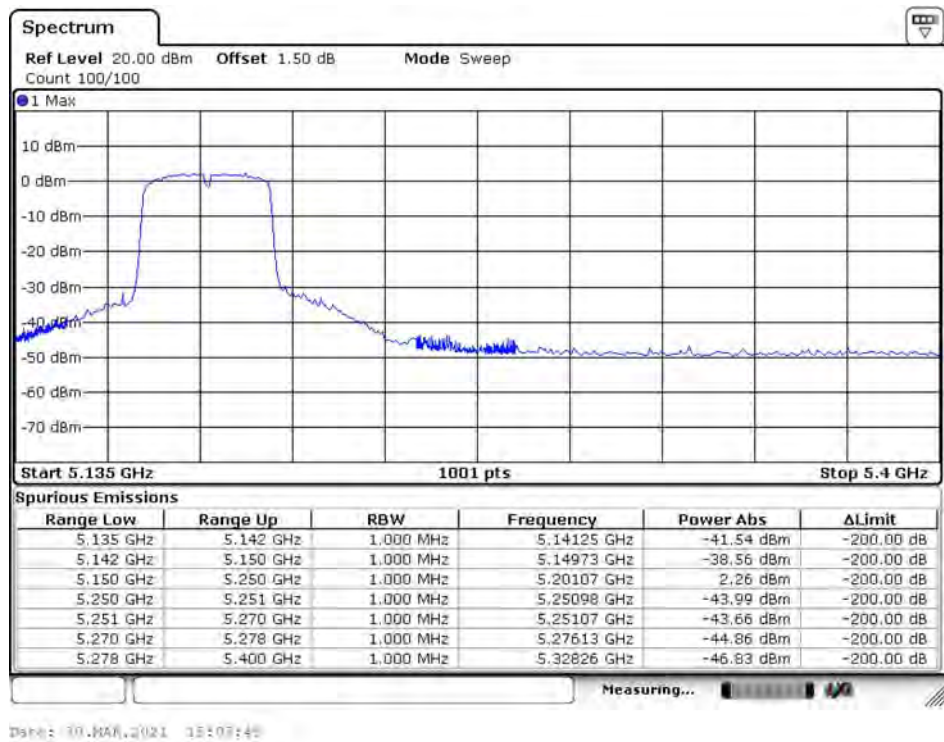
Date: 19 APR 2021 16:46:31

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

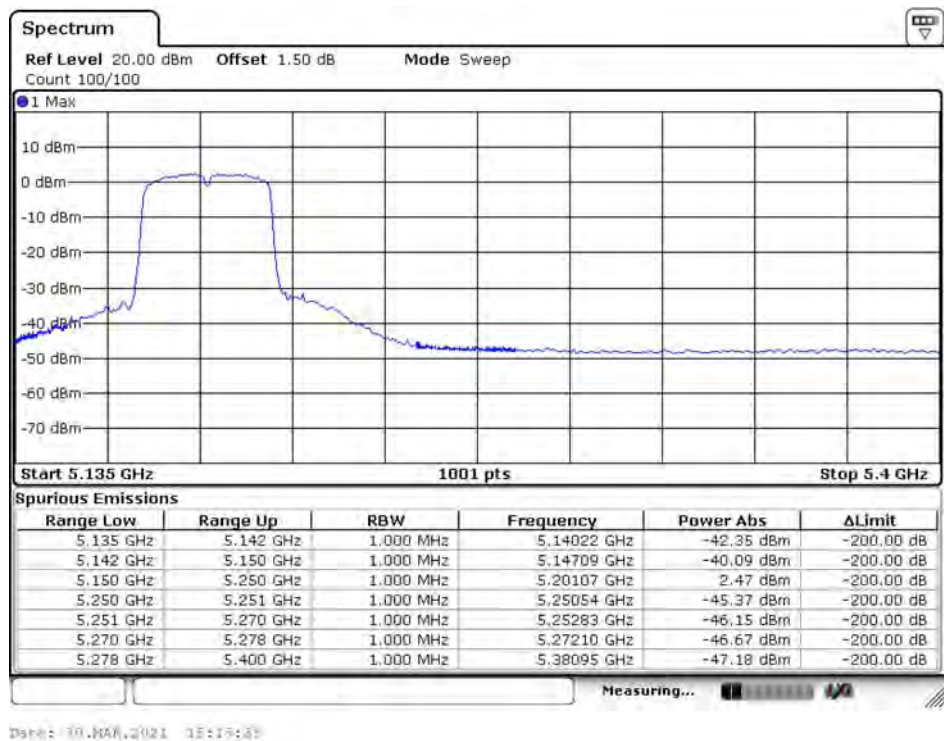
Test Mode: 802.11ac(40MHz), 5190MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5100-5141.6	5141.25	-41.54	-37.800	0.166	2.500
5141.6-5150	5149.73	-38.56	-34.820	0.330	15.000
5250-5251	5250.98	-43.99	-40.250	0.094	52.36
5251-5270	5251.07	-43.66	-39.920	0.102	49.66
5270-5278.4	5276.13	-44.86	-41.120	0.077	3.40
5278.4-5400	5328.26	-46.83	-43.090	0.049	2.500

Test Mode: 802.11ac(40MHz), 5190MHz, Ant. 1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5100-5141.6	5140.22	-42.35	-38.610	0.138	2.500
5141.6-5150	5147.09	-40.09	-36.350	0.232	15.000
5250-5251	5250.54	-45.37	-41.630	0.069	144.20
5251-5270	5252.83	-46.15	-42.410	0.057	41.87
5270-5278.4	5272.10	-46.67	-42.930	0.051	5.93
5278.4-5400	5380.95	-47.18	-43.440	0.045	2.500

5190MHz_Ant.0



5190MHz_Ant.1

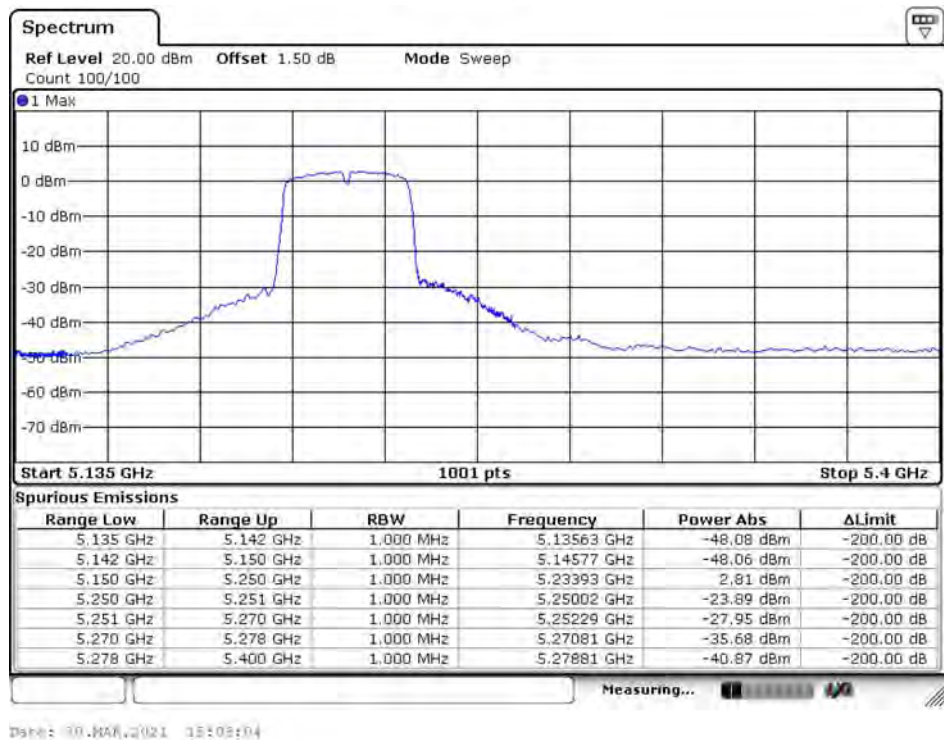


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

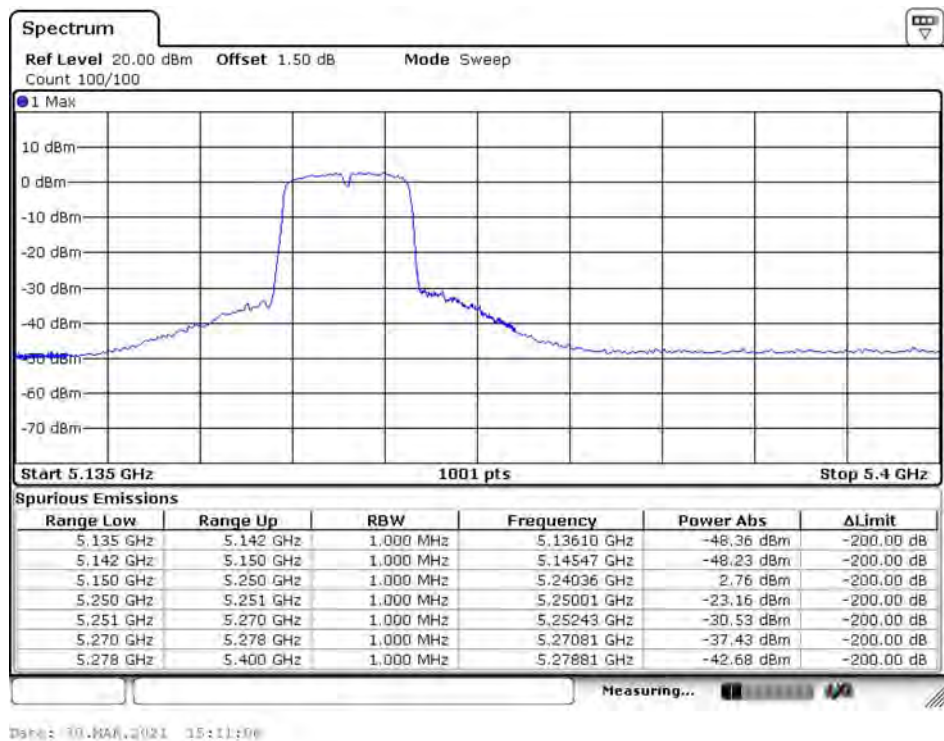
Test Mode: 802.11ac(40MHz), 5230MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5100-5141.6	5135.63	-48.08	-44.340	0.037	2.500
5141.6-5150	5145.77	-48.06	-44.320	0.037	15.000
5250-5251	5250.02	-23.89	-20.150	9.661	477.50
5251-5270	5252.29	-27.95	-24.210	3.793	44.12
5270-5278.4	5270.81	-35.68	-31.940	0.640	7.09
5278.4-5400	5278.81	-40.87	-37.130	0.194	2.500

Test Mode: 802.11ac(40MHz), 5230MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5100-5141.6	5136.10	-48.36	-44.620	0.035	2.500
5141.6-5150	5145.47	-48.23	-44.490	0.036	15.000
5250-5251	5250.01	-23.16	-19.420	11.429	488.62
5251-5270	5252.43	-30.53	-26.790	2.094	43.53
5270-5278.4	5270.81	-37.43	-33.690	0.428	7.09
5278.4-5400	5278.81	-42.68	-38.940	0.128	2.500

5230MHz_Ant.0



5230MHz_Ant.1

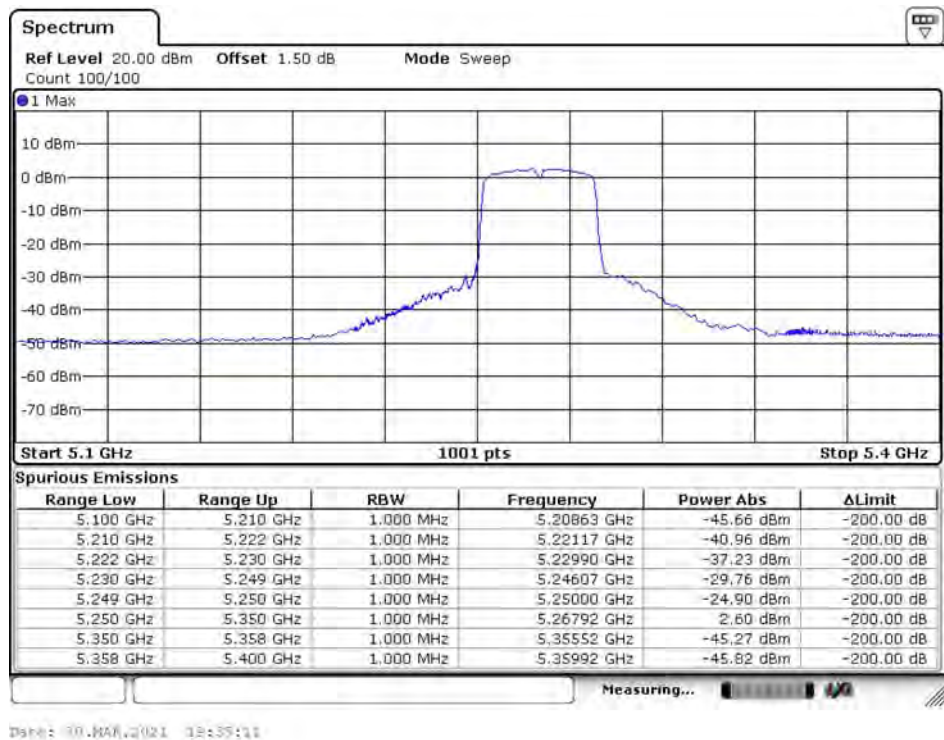


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

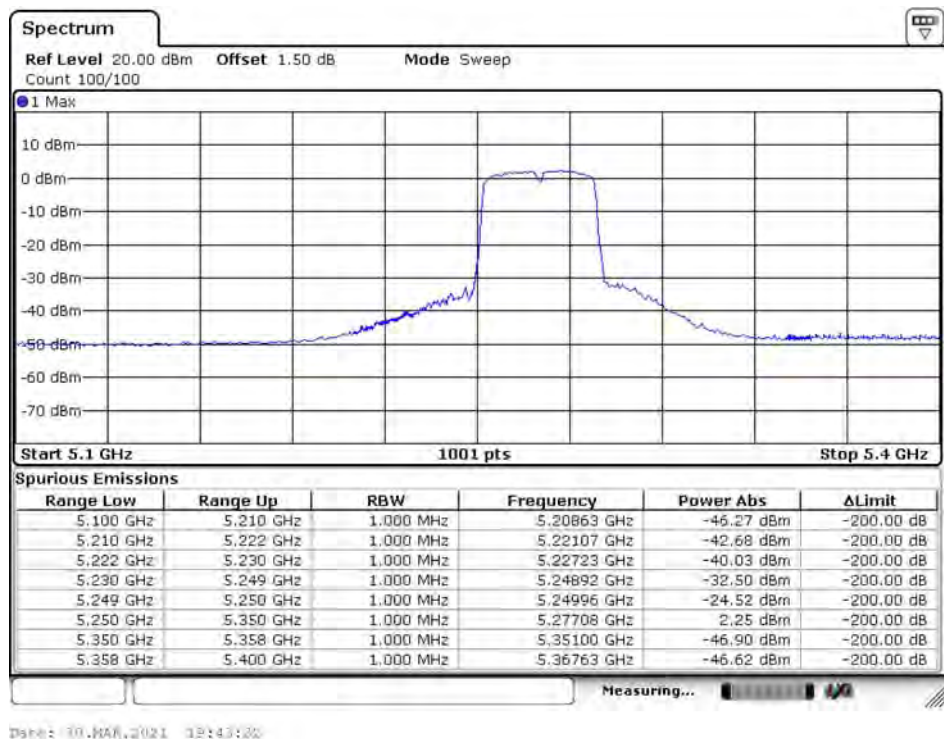
Test Mode: 802.11ac(40MHz), 5270MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5100-5210	5208.63	-45.66	-41.920	0.064	2.500
5210-5221.6	5221.17	-40.96	-37.220	0.190	2.500
5221.6-5230	5229.90	-37.23	-33.490	0.448	7.816
5230-5249	5246.07	-29.76	-26.020	2.500	37.636
5249-5250	5250.00	-24.90	-21.160	7.656	500.000
5350-5358.4	5355.52	-45.27	-41.530	0.070	15.000
5358.4-5400	5359.92	-45.82	-42.080	0.062	2.500

Test Mode: 802.11ac(40MHz), 5270MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5100-5210	5208.63	-46.27	-42.530	0.056	2.500
5210-5221.6	5221.07	-42.68	-38.940	0.128	2.500
5221.6-5230	5227.23	-40.03	-36.290	0.235	5.405
5230-5249	5248.92	-32.50	-28.760	1.330	37.636
5249-5250	5249.96	-24.52	-20.780	8.356	500.000
5350-5358.4	5351.00	-46.90	-43.160	0.048	15.000
5358.4-5400	5367.63	-46.62	-42.880	0.052	2.500

5270MHz_Ant.0



5270MHz_Ant.1

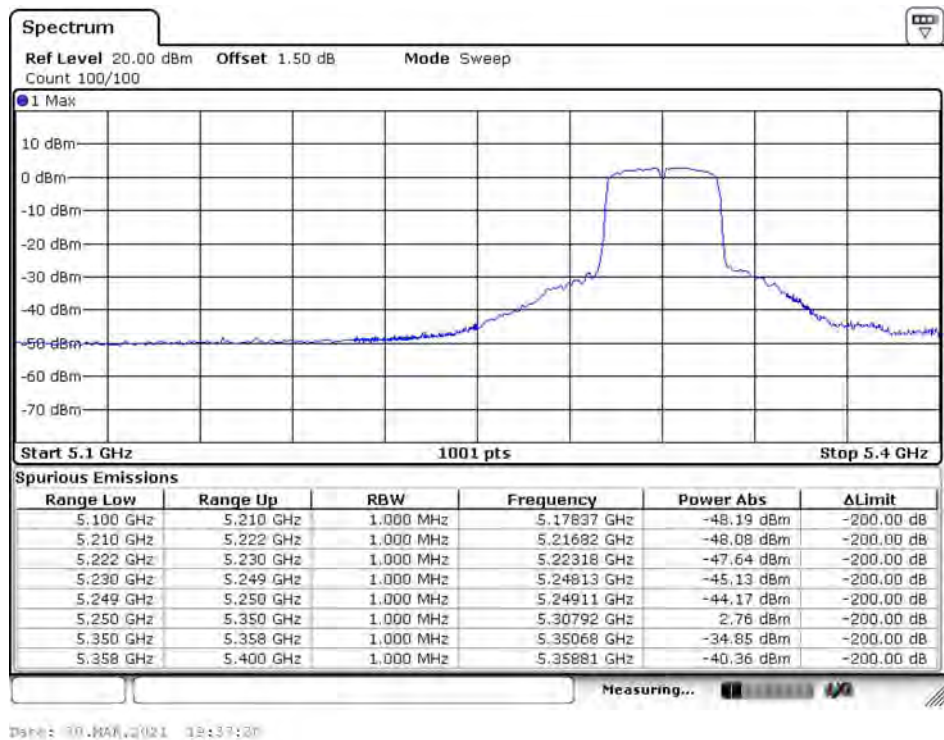


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

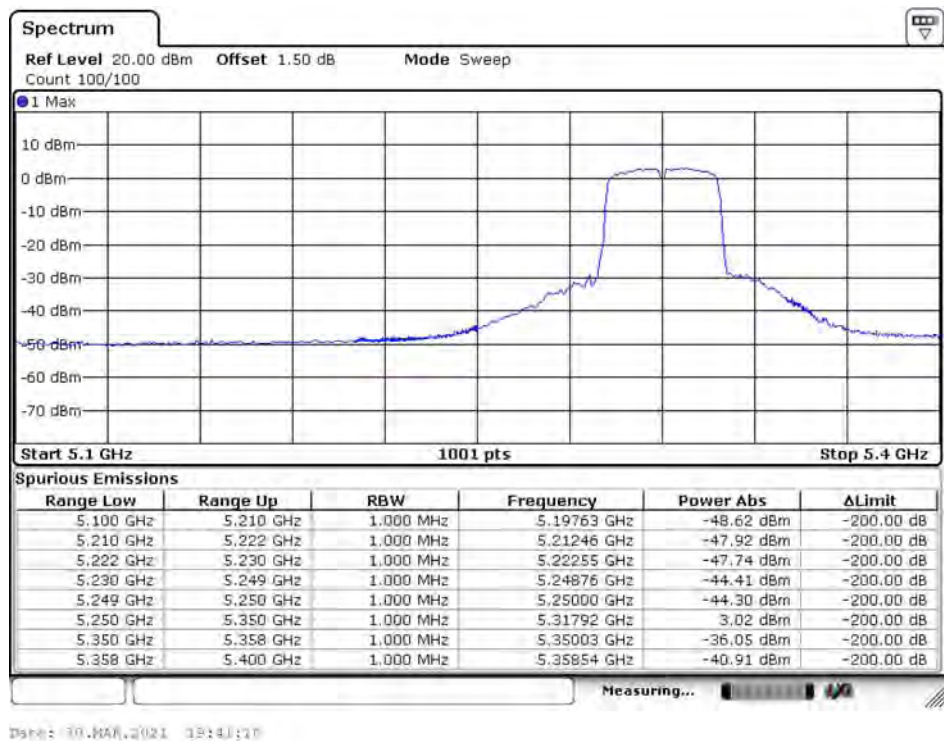
Test Mode: 802.11ac(40MHz), 5310MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5100-5210	5178.38	-48.19	-44.450	0.036	2.500
5210-5221.6	5216.82	-48.08	-44.340	0.037	2.500
5221.6-5230	5223.18	-47.64	-43.900	0.041	3.089
5230-5249	5248.13	-45.13	-41.390	0.073	45.956
5249-5250	5249.11	-44.17	-40.430	0.091	64.412
5350-5358.4	5350.68	-34.85	-31.110	0.774	15.000
5358.4-5400	5358.81	-40.36	-36.620	0.218	2.500

Test Mode: 802.11ac(40MHz), 5310MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5100-5210	5197.63	-48.62	-44.880	0.033	2.500
5210-5221.6	5212.46	-47.92	-44.180	0.038	15.000
5221.6-5230	5222.55	-47.74	-44.000	0.040	2.831
5230-5249	5248.76	-44.41	-40.670	0.086	45.956
5249-5250	5250.00	-44.30	-40.560	0.088	64.412
5350-5358.4	5350.03	-36.05	-32.310	0.587	15.000
5358.4-5400	5358.54	-40.91	-37.170	0.192	2.500

5310MHz_Ant.0



5310MHz_Ant.1

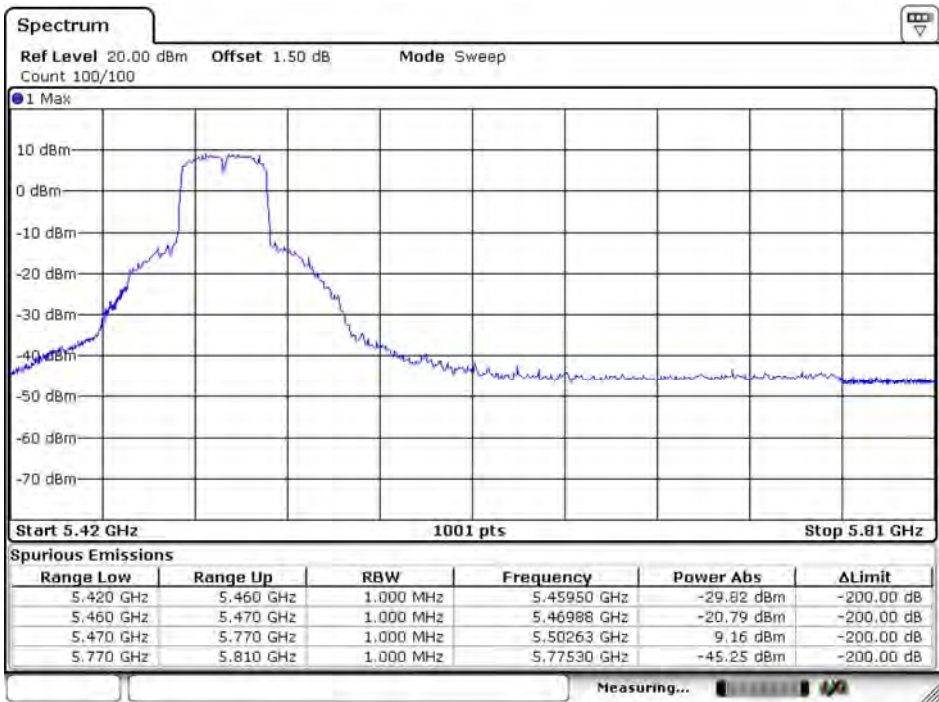


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/15	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(40MHz), 5510MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5420~5460	5459.50	-29.82	-26.080	2.466	12.500
5460~5470	5469.88	-20.79	-17.050	19.724	50.000
5770~5810	5775.30	-45.25	-41.510	0.071	12.500

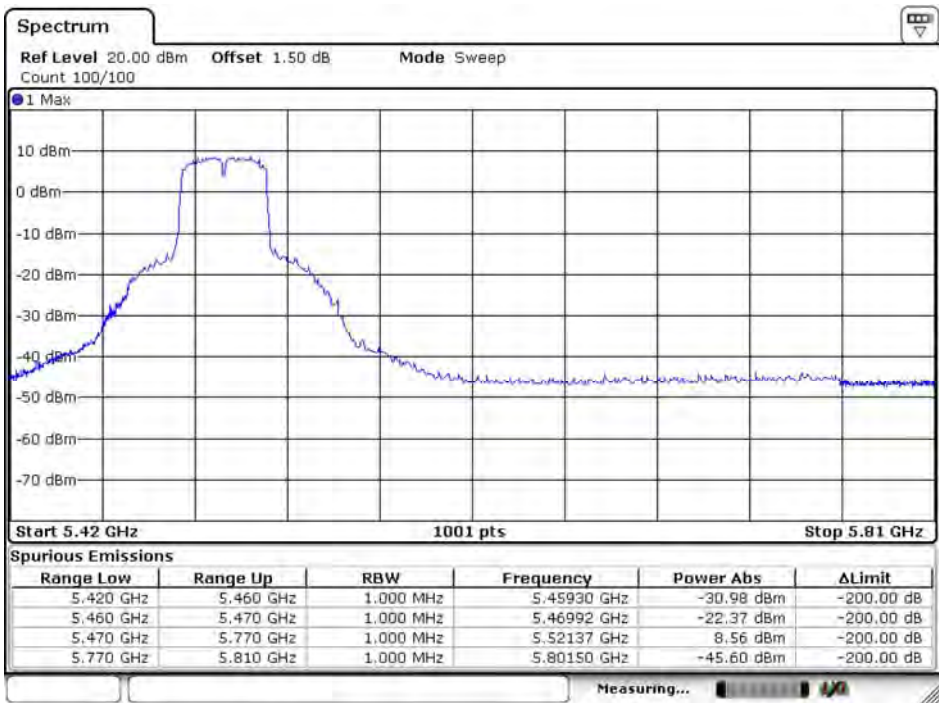
Test Mode: 802.11ac(40MHz), 5150MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5420~5460	5459.30	-30.98	-27.240	1.888	12.500
5460~5470	5469.92	-22.37	-18.630	13.709	50.000
5770~5810	5801.50	-45.60	-41.860	0.065	12.500

5510MHz_Ant.0



Date: 15.APR.2021 14:51:10

5510MHz_Ant.1



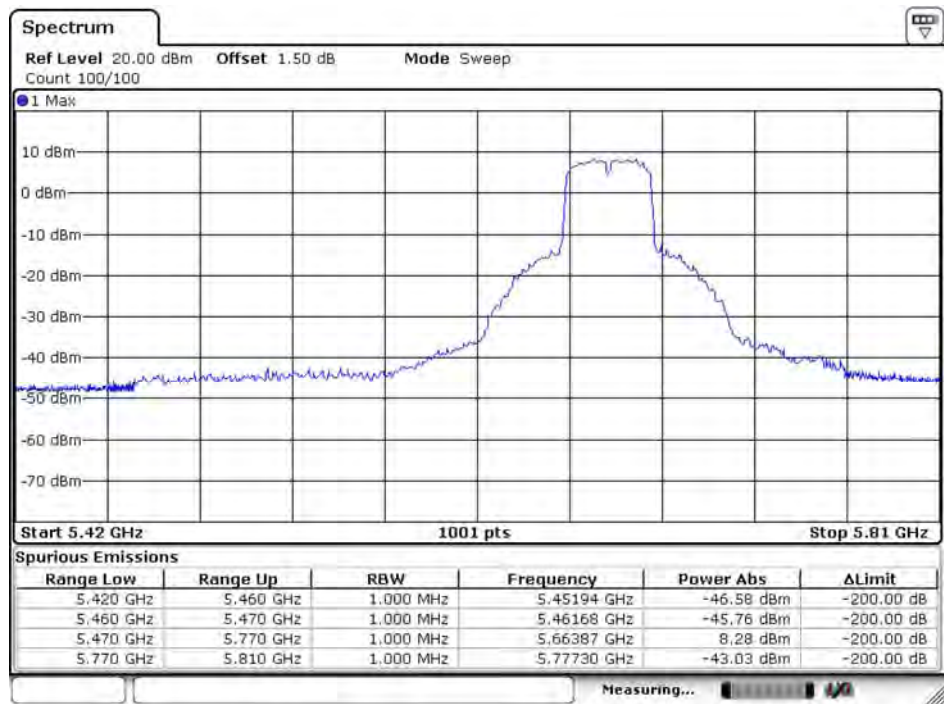
Date: 15.APR.2021 14:52:39

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/15	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(40MHz), 5670MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5420~5460	5451.94	-46.58	-42.840	0.052	12.500
5460~5470	5461.68	-45.76	-42.020	0.063	50.000
5770~5810	5777.30	-43.03	-39.290	0.118	12.500

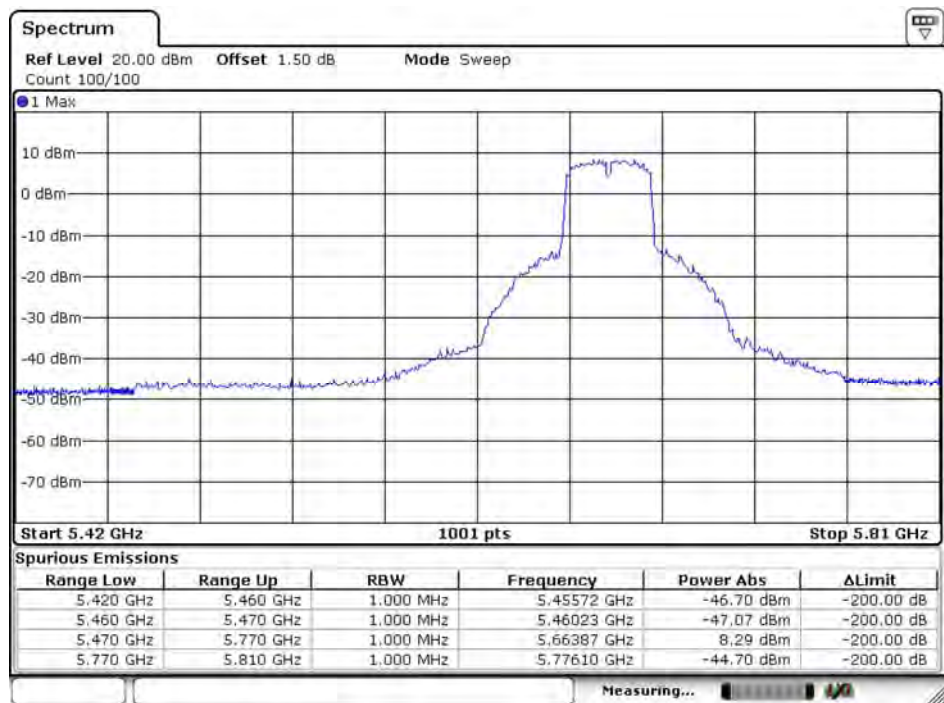
Test Mode: 802.11ac(40MHz), 5670MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5420~5460	5455.72	-46.70	-42.960	0.051	12.500
5460~5470	5460.23	-47.07	-43.330	0.046	50.000
5770~5810	5776.10	-44.70	-40.960	0.080	12.500

5670MHz_Ant.0



Date: 15.APR.2021 14:58:59

5670MHz_Ant.1



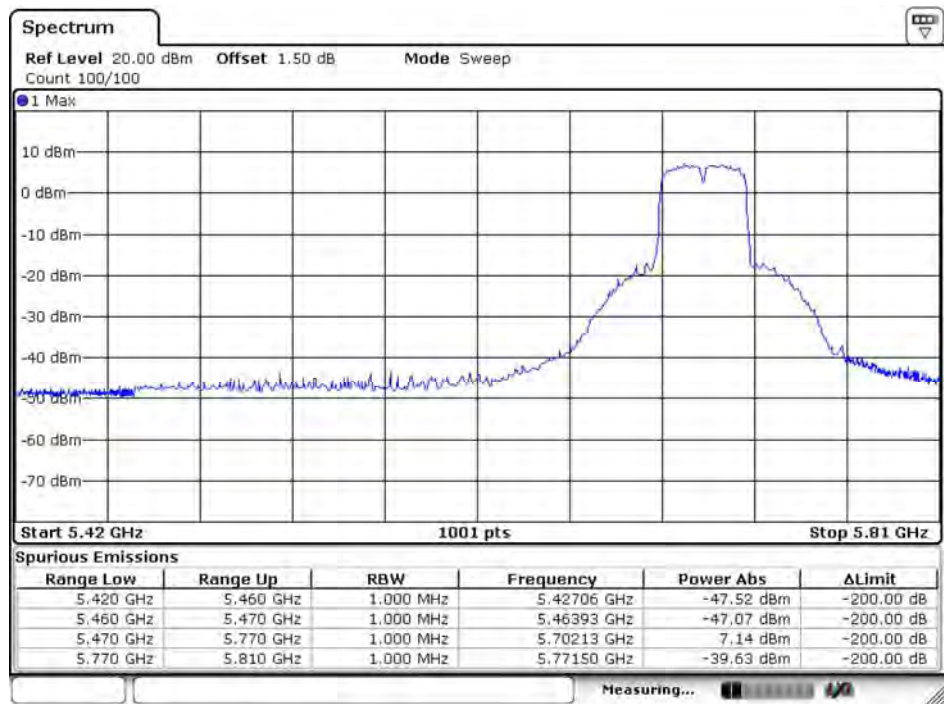
Date: 15.APR.2021 14:54:11

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/19	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(40MHz), 5710MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5420~5460	5427.06	-47.52	-43.780	0.042	12.500
5460~5470	5463.93	-47.07	-43.330	0.046	50.000
5770~5810	5771.50	-39.63	-35.890	0.258	12.500

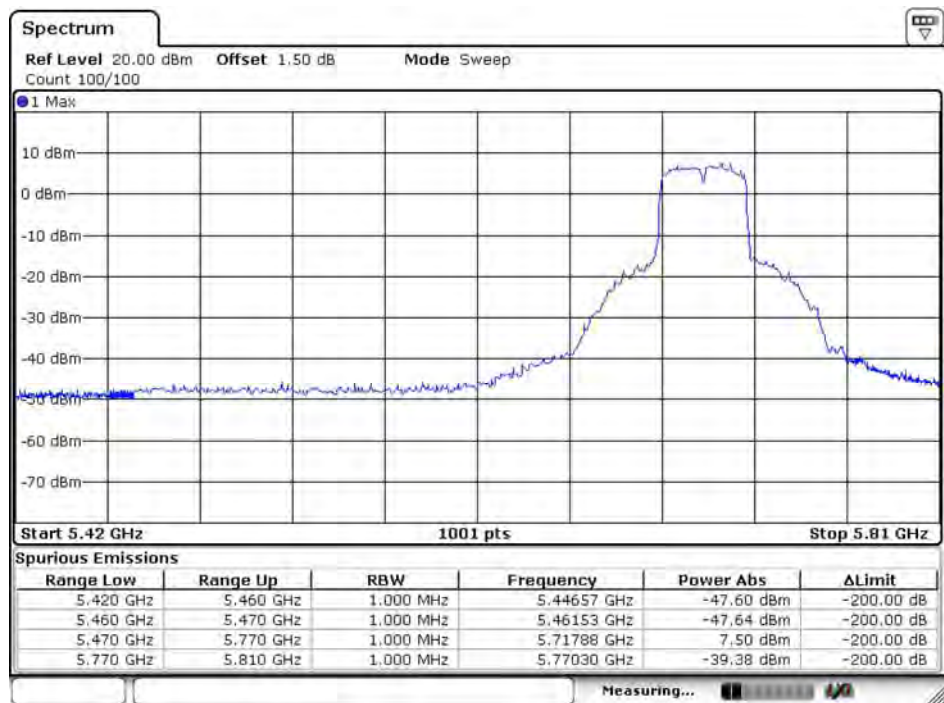
Test Mode: 802.11ac(40MHz), 5710MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5420~5460	5446.57	-47.60	-43.860	0.041	12.500
5460~5470	5461.53	-47.64	-43.900	0.041	50.000
5770~5810	5770.30	-39.38	-35.640	0.273	12.500

5710MHz_Ant.0



Date: 19 APR 2021 16:32:02

5710MHz_Ant.1



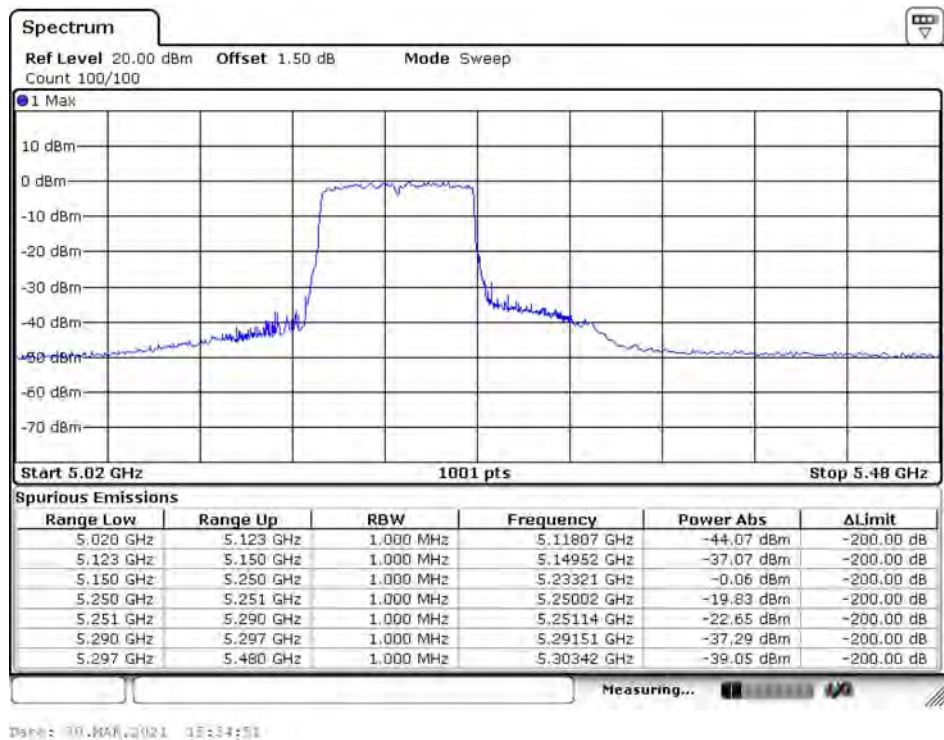
Date: 19 APR 2021 16:31:24

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

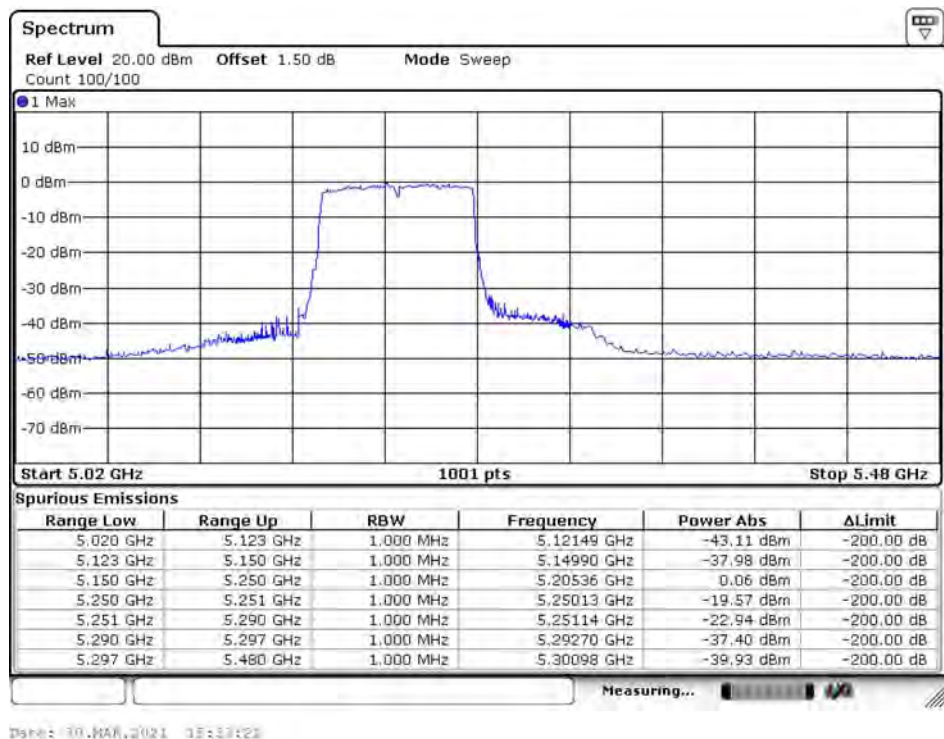
Test Mode: 802.11ac(80MHz), 5210MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5020-5123.2	5118.07	-44.07	-40.330	0.093	2.500
5123.2-5150	5149.52	-37.07	-33.330	0.465	15.000
5250-5251	5250.02	-19.83	-16.090	24.604	238.748
5251-5290	5251.14	-22.65	-18.910	12.853	24.835
5290-5296.7	5291.51	-37.29	-33.550	0.442	3.570
5296.7-5480	5303.42	-39.05	-35.310	0.294	2.500

Test Mode: 802.11ac(80MHz), 5210MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5020-5123.2	5121.49	-43.11	-39.370	0.116	2.500
5123.2-5150	5149.90	-37.98	-34.240	0.377	15.000
5250-5251	5250.13	-19.57	-15.830	26.122	185.328
5251-5290	5251.14	-22.94	-19.200	12.023	24.835
5290-5296.7	5292.7	-37.4	-33.660	0.431	3.288
5296.7-5480	5300.98	-39.93	-36.190	0.240	2.500

5210MHz_Ant.0



5210MHz_Ant.1

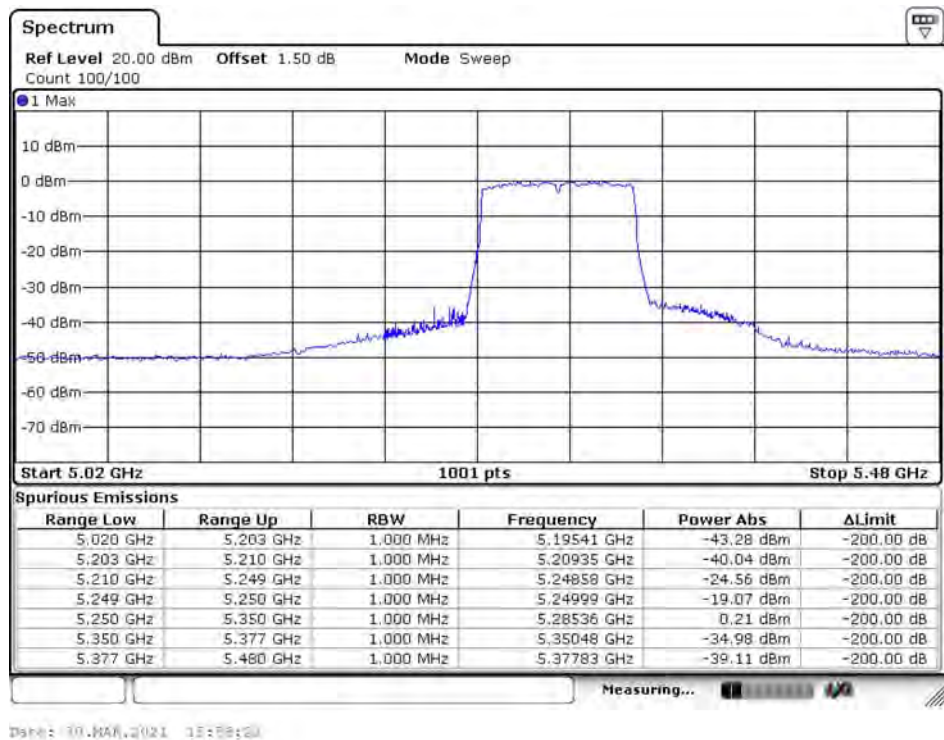


Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/30	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	61

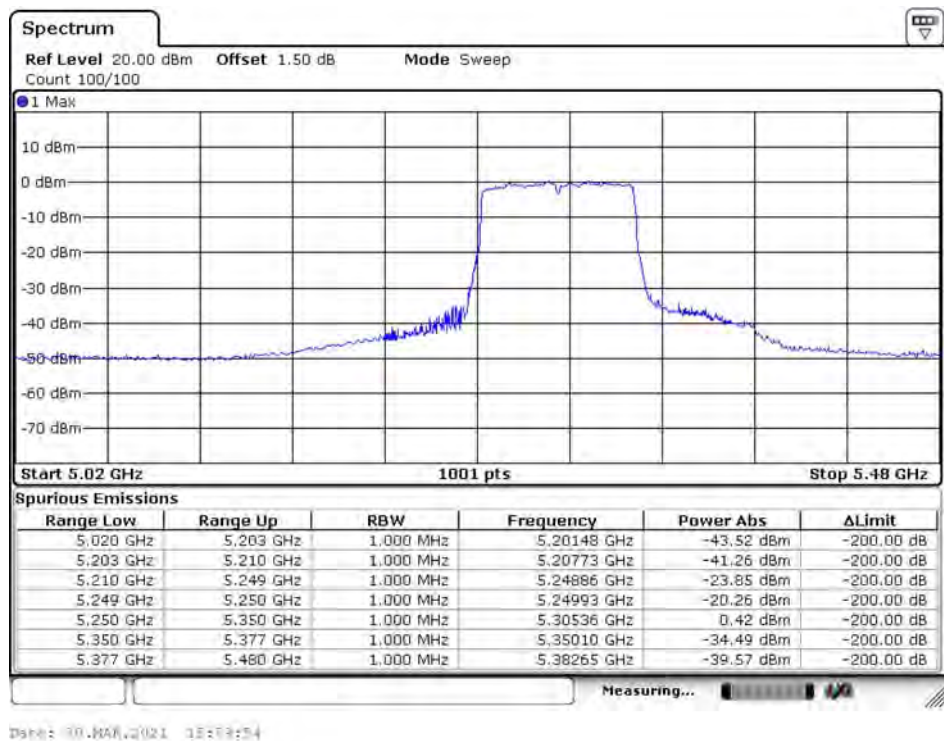
Test Mode: 802.11ac(80MHz), 5290MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5020-5203.3	5195.41	-43.28	-39.540	0.111	2.500
5203.3-5210	5209.35	-40.04	-36.300	0.234	3.788
5210-5249	5248.58	-24.56	-20.820	8.279	24.509
5249-5250	5249.99	-19.09	-15.350	29.174	244.309
5350-5376.8	5350.48	-34.98	-31.240	0.752	15.000
5376.8-5480	5377.83	-39.11	-35.370	0.290	2.500

Test Mode: 802.11ac(80MHz), 5290MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5020-5203.3	5201.48	-43.52	-39.780	0.105	2.500
5203.3-5210	5207.73	-41.26	-37.520	0.177	3.387
5210-5249	5248.86	-23.85	-20.110	9.750	24.835
5249-5250	5249.93	-20.26	-16.520	22.284	212.785
5350-5376.8	5350.10	-34.49	-30.750	0.841	15.000
5376.8-5480	5382.65	-39.57	-35.830	0.261	2.500

5290MHz_Ant.0



5290MHz_Ant.1



Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/15	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(80MHz), 5530MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5380-5460	5458.60	-24.99	-21.250	7.499	12.500
5460-5469.5	5464.73	-23.25	-19.510	11.194	50.000
5469.5-5470	5469.55	-23.17	-19.430	11.402	51.200
5770-5850	5821.00	-44.83	-41.090	0.078	12.500

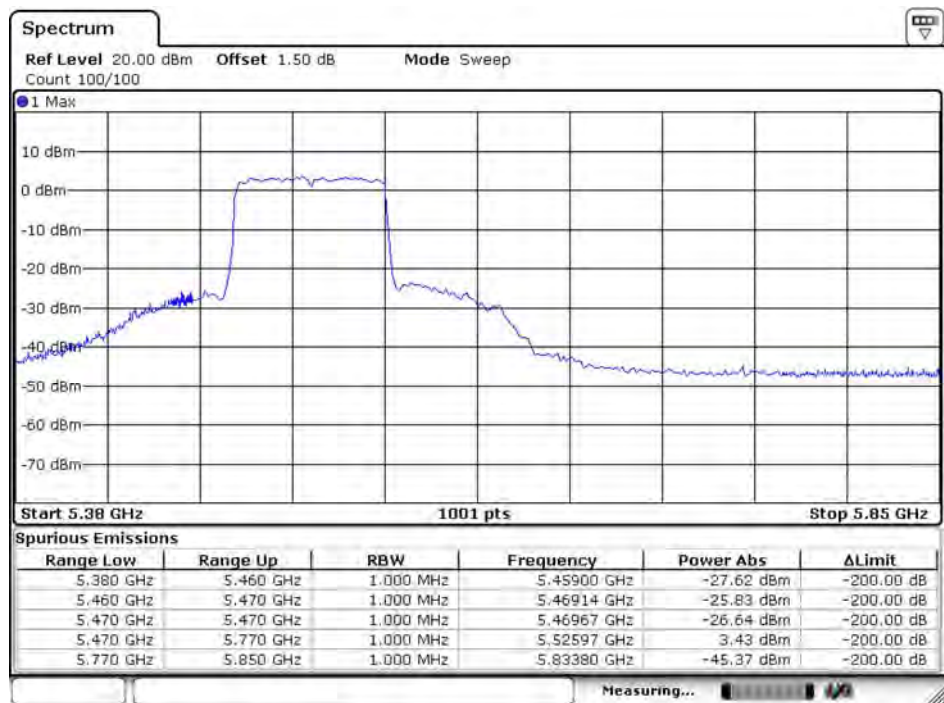
Test Mode: 802.11ac(80MHz), 5530MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5380-5460	5459.00	-27.62	-23.880	4.093	12.500
5460-5469.5	5469.14	-25.83	-22.090	6.180	50.000
5469.5-5470	5469.67	-26.64	-22.900	5.129	51.200
5770-5850	5833.80	-45.37	-41.630	0.069	12.500

5530MHz_Ant.0



Date: 15.APR.2021 15:12:39

5530MHz_Ant.1



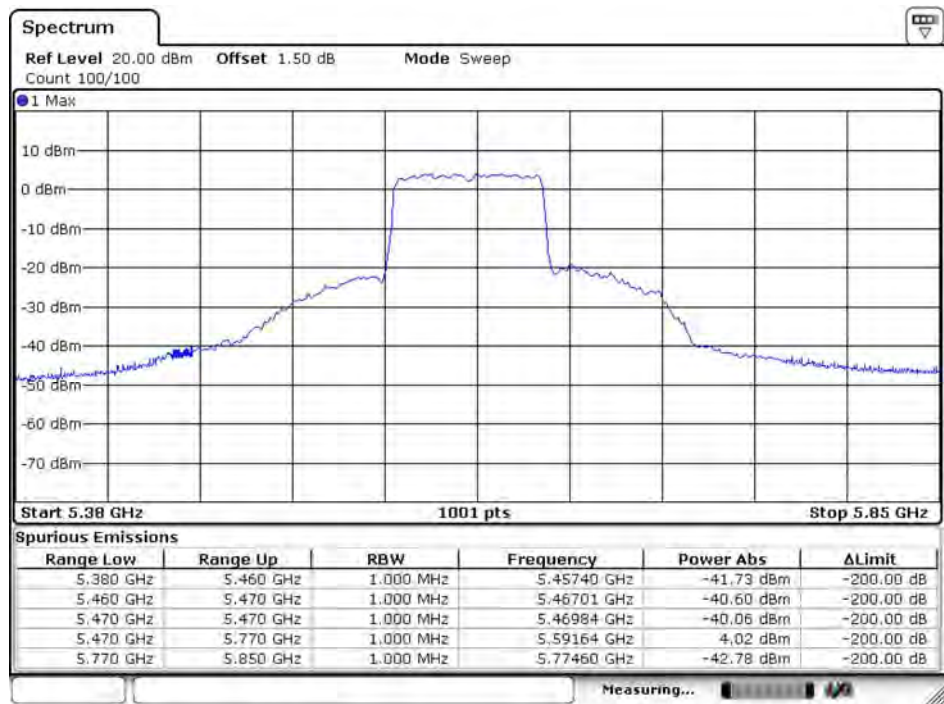
Date: 15.APR.2021 15:22:34

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/15	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(80MHz), 5610MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5380-5460	5457.40	-41.73	-37.990	0.159	12.500
5460-5469.5	5467.01	-40.60	-36.860	0.206	50.000
5469.5-5470	5469.84	-40.06	-36.320	0.233	51.200
5770-5850	5774.60	-42.78	-39.040	0.125	12.500

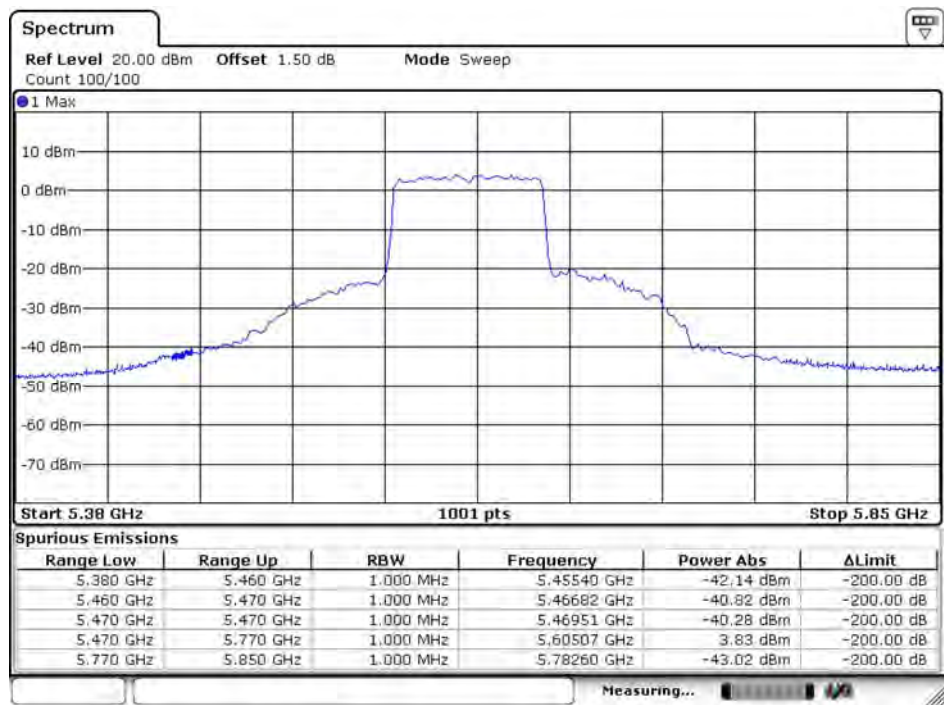
Test Mode: 802.11ac(80MHz), 5610MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5380-5460	5455.40	-42.14	-38.400	0.145	12.500
5460-5469.5	5466.82	-40.82	-37.080	0.196	50.000
5469.5-5470	5469.51	-40.28	-36.540	0.222	51.200
5770-5850	5782.60	-43.02	-39.280	0.118	12.500

5610MHz_Ant.0



Date: 15.APR.2021 15:13:20

5610MHz_Ant.1



Date: 15.APR.2021 15:20:37

Product	Wireless LAN Access Point		
Test Item	Out-Band Leakage Power		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/19	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

Test Mode: 802.11ac(80MHz), 5690MHz, Ant.0					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5380-5460	5457.80	-47.60	-43.860	0.041	12.500
5460-5469.5	5467.20	-47.12	-43.380	0.046	50.000
5469.5-5470	5469.95	-47.11	-43.370	0.046	51.200
5770-5850	5771.40	-25.90	-22.160	6.081	12.500

Test Mode: 802.11ac(80MHz), 5690MHz, Ant.1					
Cable Loss= 1.5dB					
Frequency Range (MHz)	Frequency (MHz)	Reading Level (dBm/MHz)	Measurement Level		Limit (uW/MHz)
			(dBm/MHz)	(uW/MHz)	
5380-5460	5409.80	-47.42	-43.680	0.043	12.500
5460-5469.5	5466.58	-46.54	-42.800	0.052	50.000
5469.5-5470	5469.65	-46.82	-43.080	0.049	51.200
5770-5850	5771.00	-24.99	-21.250	7.499	12.500

5690MHz_Ant.0



Date: 19 APR.2021 16:25:47

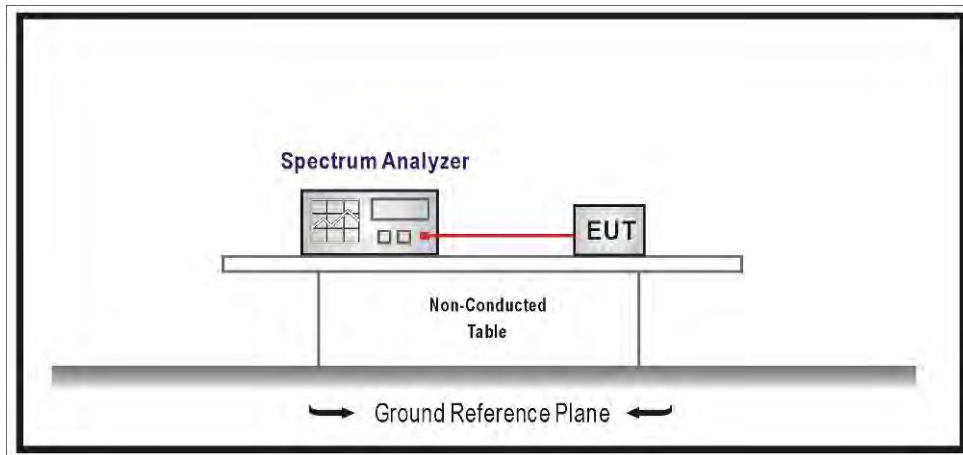
5690MHz_Ant.1



Date: 19 APR.2021 16:26:26

7. Transmitter Spurious Emissions

7.1. Test Setup



7.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

7.3. Limits

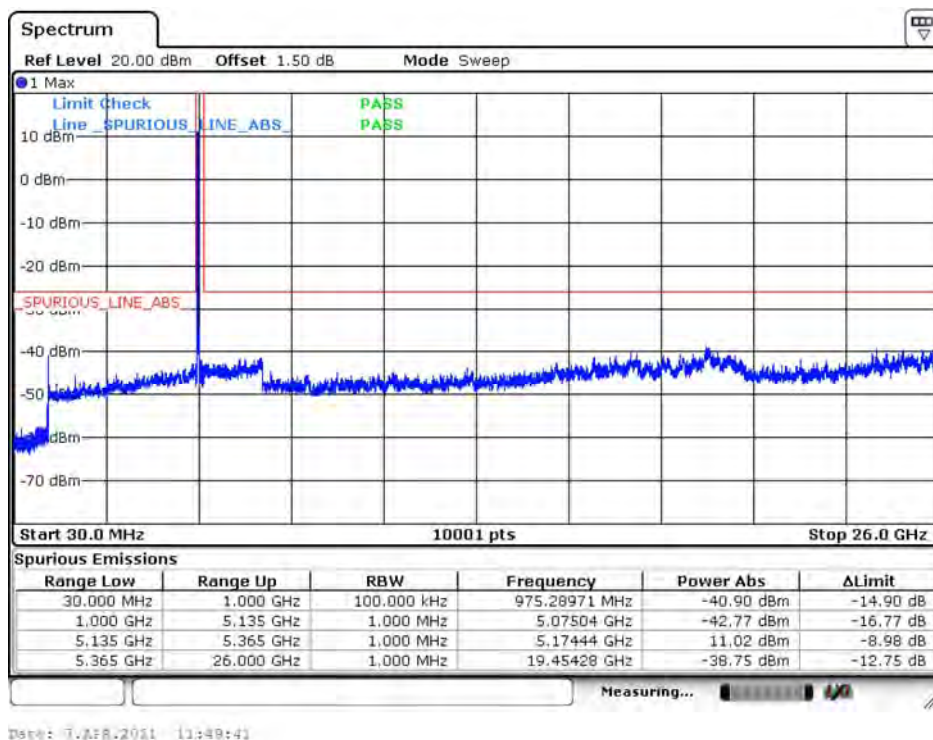
Test Band	Test Bandwidth	Occupied Bandwidth	Limit
W52, W53	20	$\leq 18\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 5140MHz $\leq 2.5\text{uW/MHz}$ for 5360 – 26000MHz
		$\leq 19\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 5135MHz $\leq 2.5\text{uW/MHz}$ for 5365 – 26000MHz
	40	$\leq 38\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 5100MHz $\leq 2.5\text{uW/MHz}$ for 5400 – 26000MHz
	80	$\leq 78\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 5020MHz $\leq 2.5\text{uW/MHz}$ for 5480 – 26000MHz
	160	$\leq 158\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 4916MHz $\leq 2.5\text{uW/MHz}$ for 5584 – 26000MHz
W56	20	$\leq 19.7\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 5455MHz $\leq 2.5\text{uW/MHz}$ for 5745 – 26000MHz
	40	$\leq 38\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 5420MHz $\leq 2.5\text{uW/MHz}$ for 5760 – 26000MHz
	80	$\leq 78\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 5340MHz $\leq 2.5\text{uW/MHz}$ for 5800 – 26000MHz
	160	$\leq 158\text{MHz}$	$\leq 2.5\text{uW/MHz}$ for 30 – 5236MHz $\leq 2.5\text{uW/MHz}$ for 5904 - 26000MHz

7.4. Test Result of Transmitter Spurious Emissions

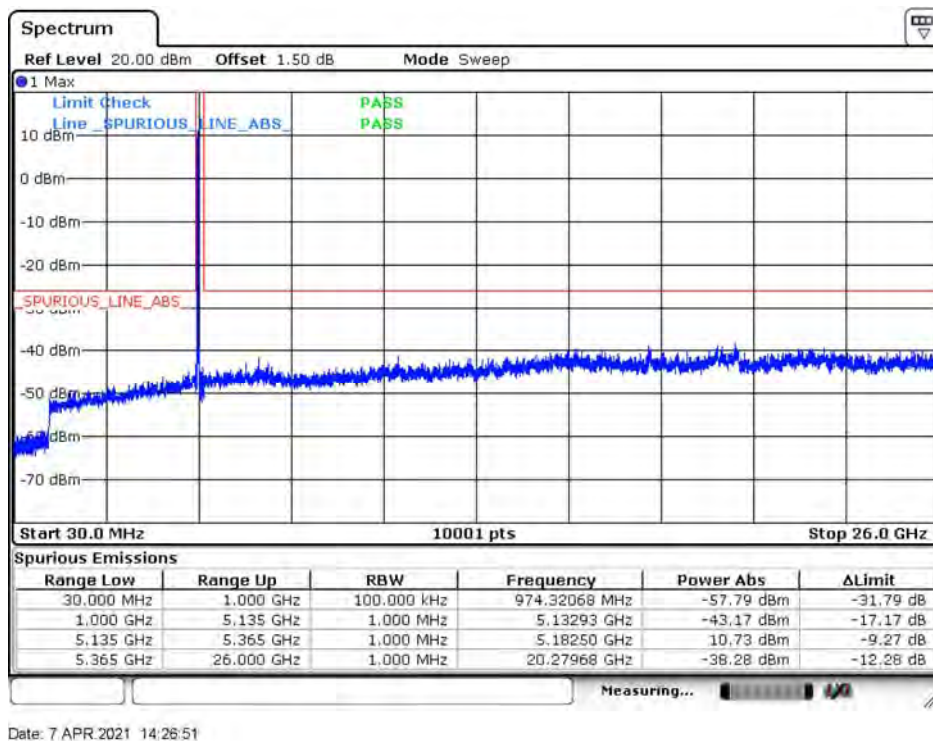
Product	Wireless LAN Access Point		
Test Item	Transmitter Spurious Emissions		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/07 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	63

Test Mode: 802.11a	
Frequency (MHz)	Test Result
5180	PASS
5220	PASS
5240	PASS
5260	PASS
5300	PASS
5320	PASS
5500	PASS
5600	PASS
5720	PASS

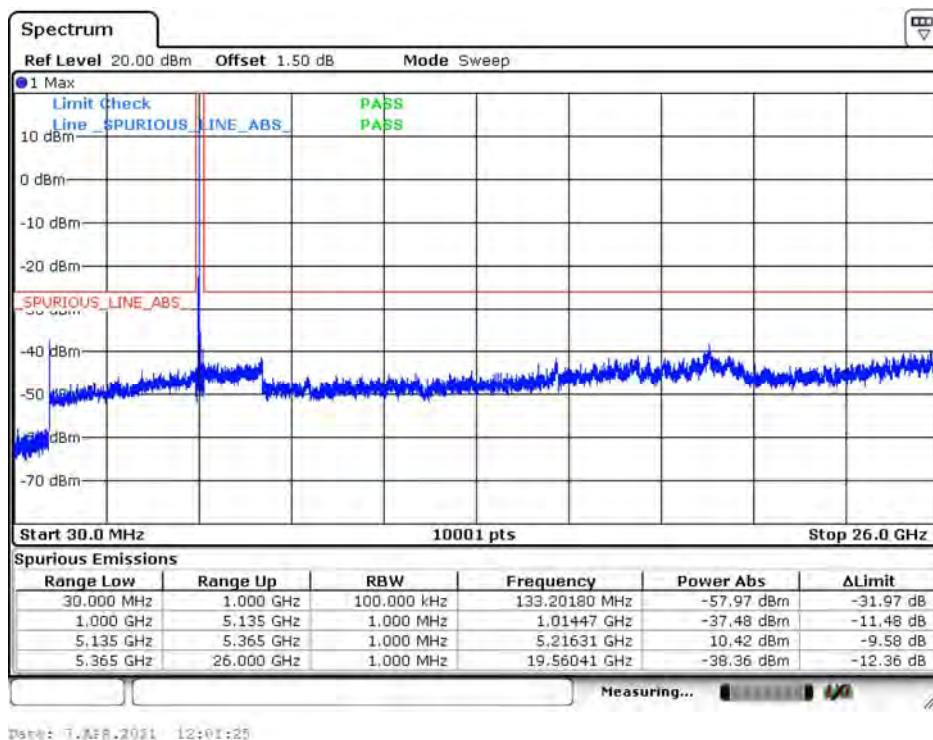
5180MHz_Ant.0



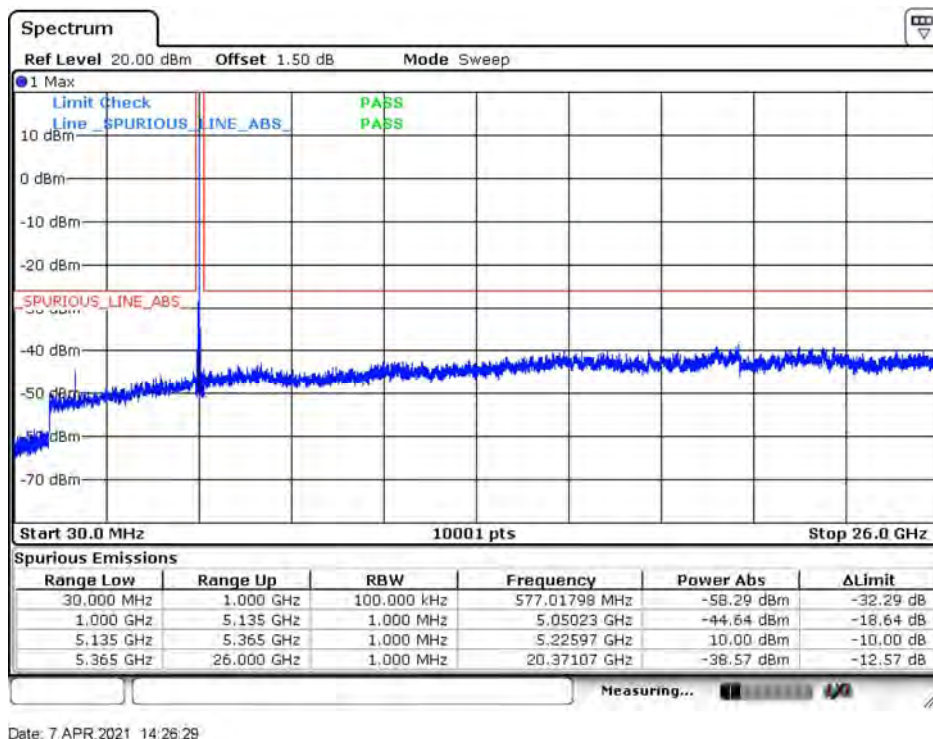
5180MHz_Ant.1



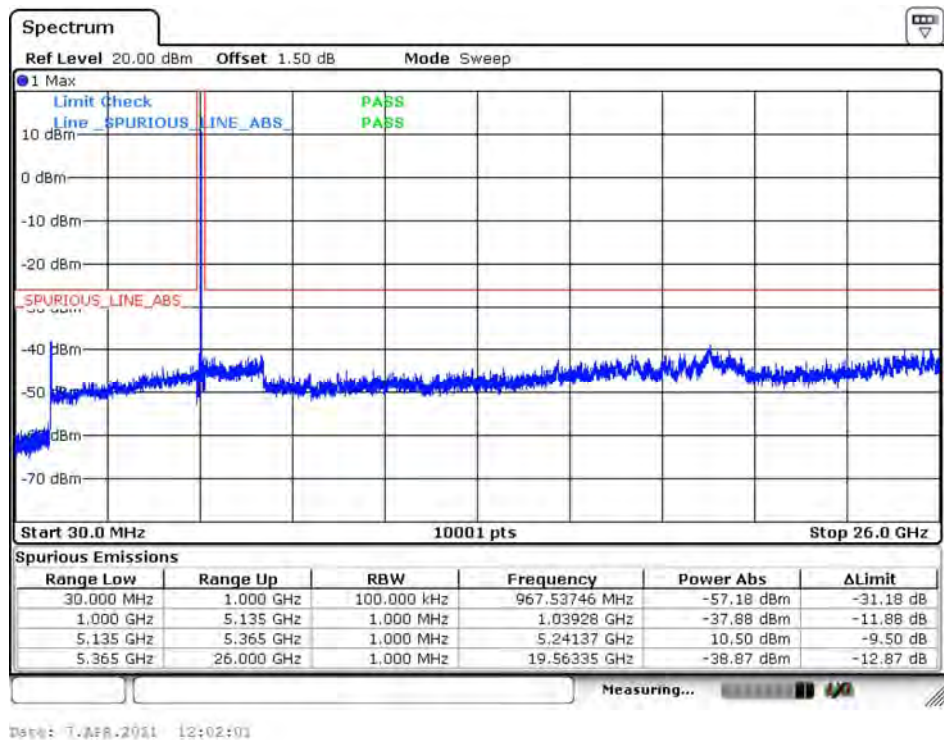
5220MHz_Ant.0



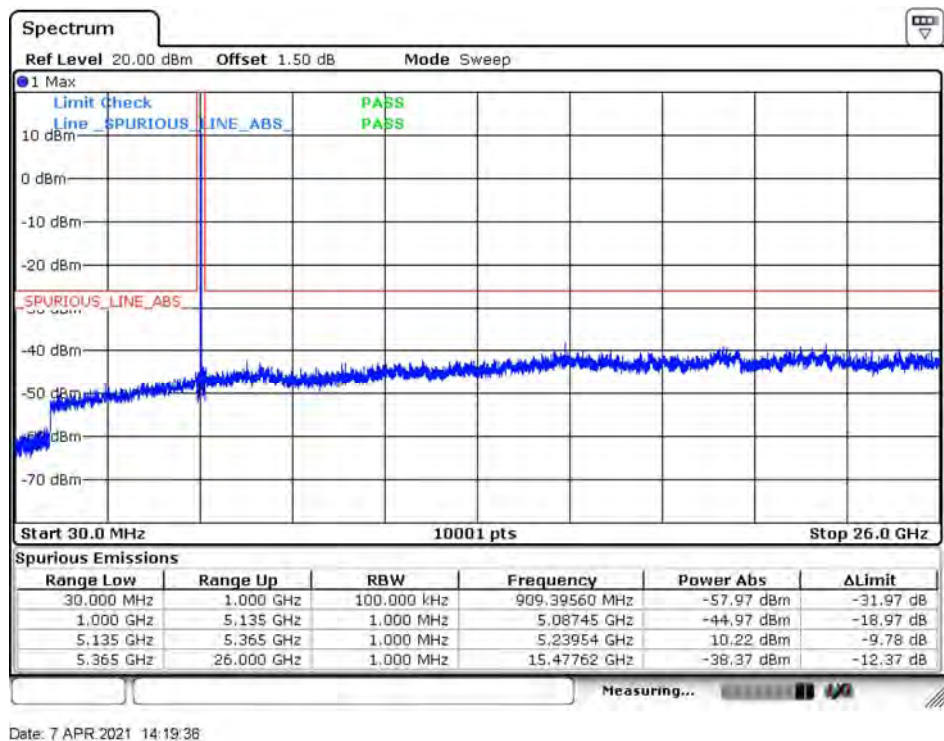
5220MHz_Ant.1



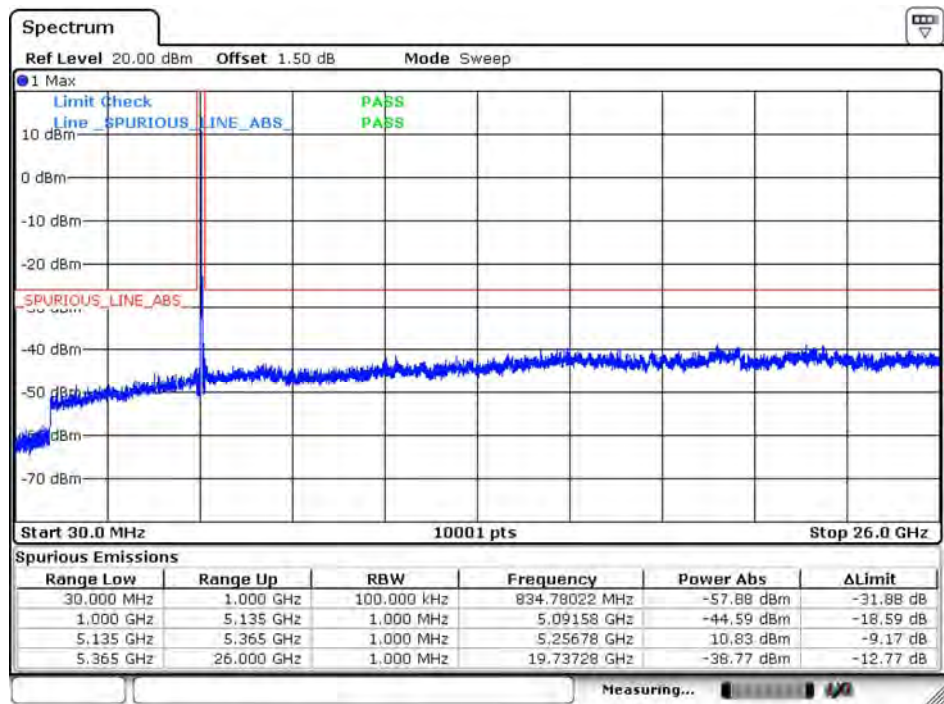
5240MHz_Ant.0



5240MHz_Ant.1

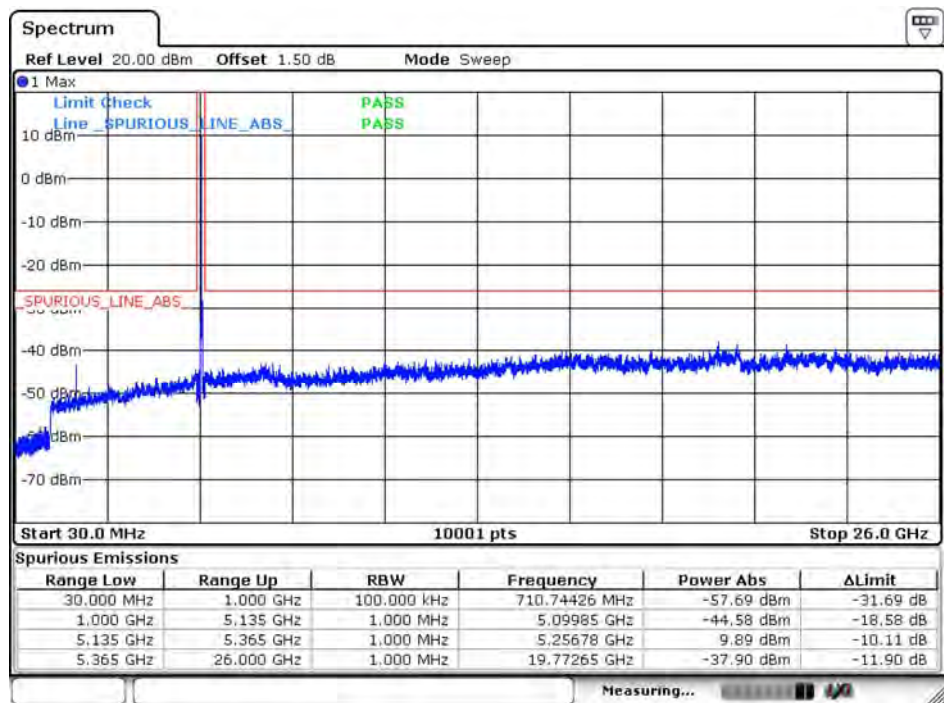


5260MHz_Ant.0



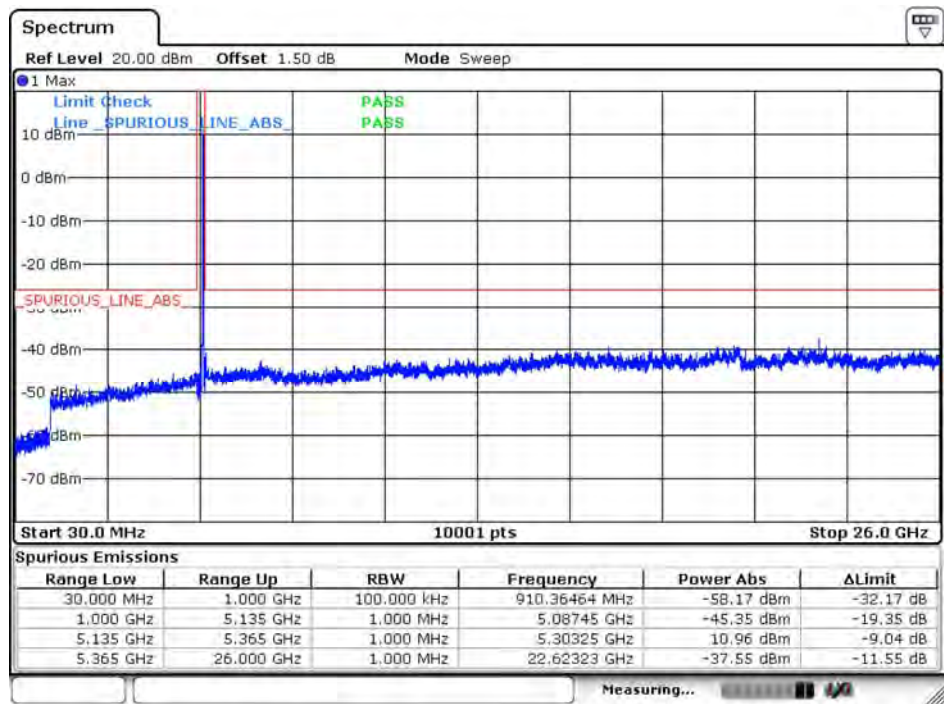
Date: 7 APR 2021 13:51:06

5260MHz_Ant.1



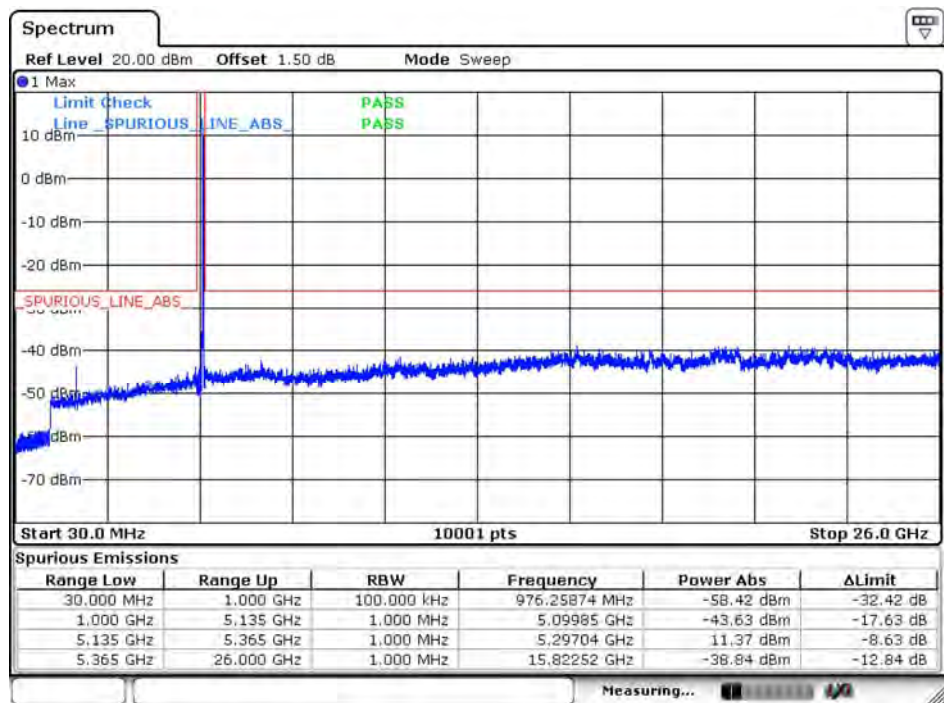
Date: 7 APR 2021 14:19:13

5300MHz_Ant.0



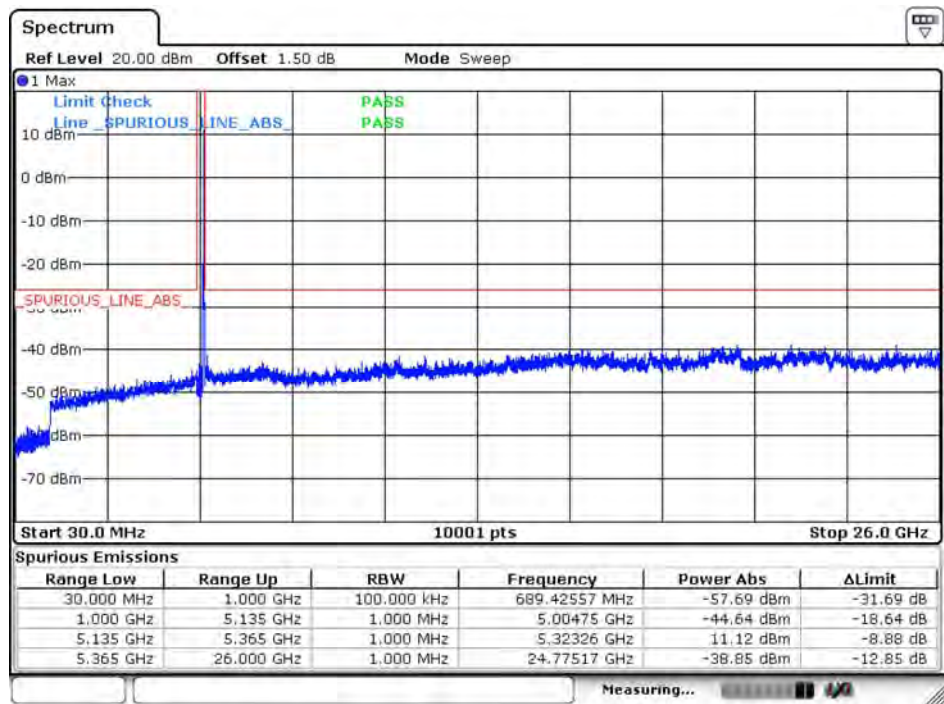
Date: 7 APR 2021 13:51:49

5300MHz_Ant.1



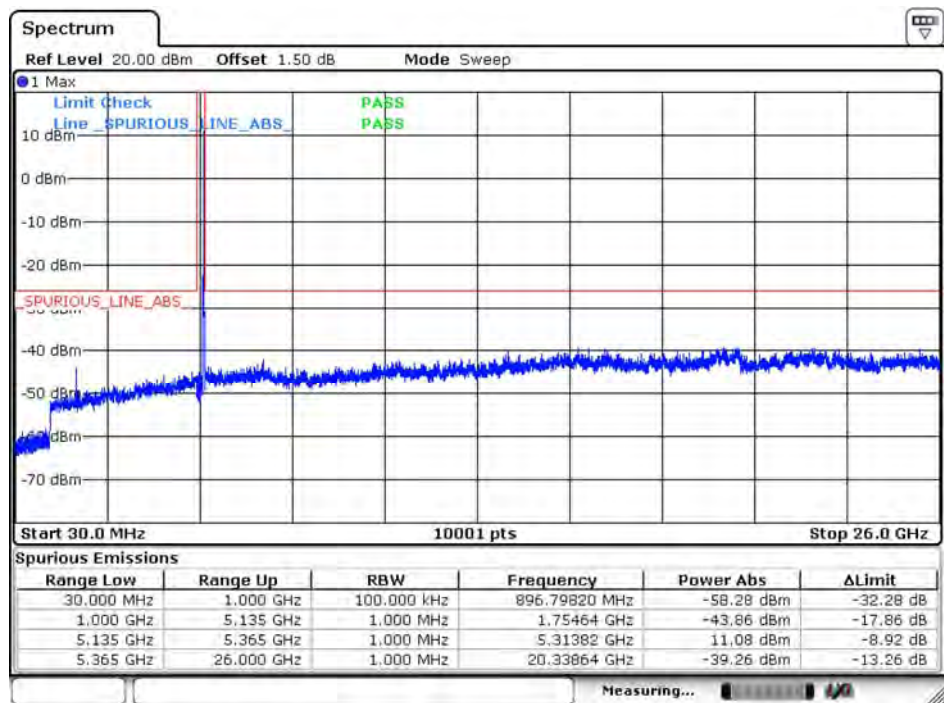
Date: 7 APR 2021 14:15:15

5320MHz_Ant.0



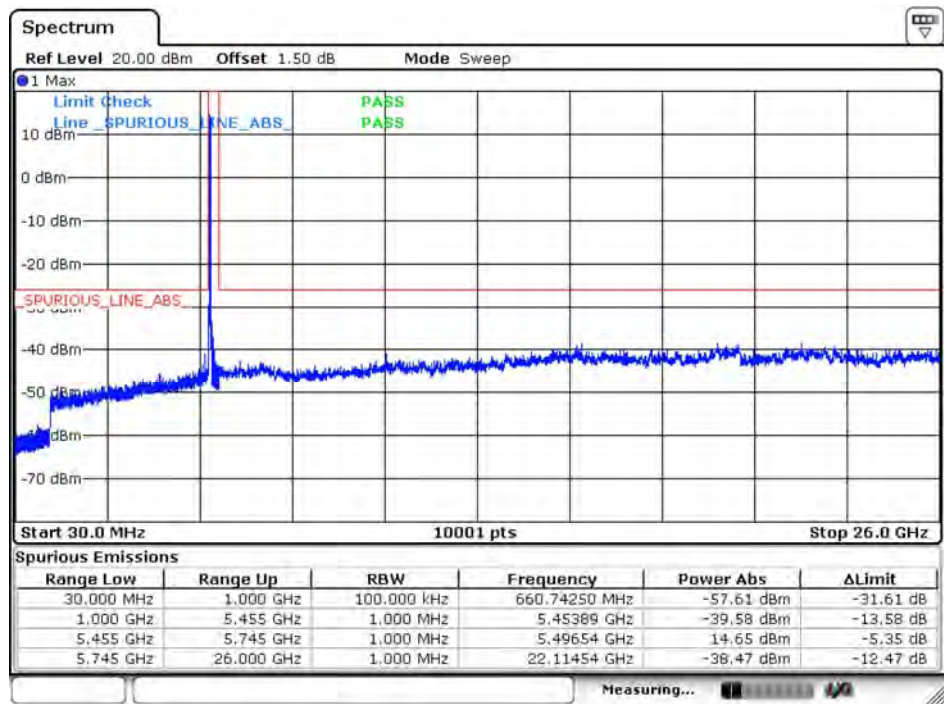
Date: 7 APR 2021 13:54:17

5320MHz_Ant.1



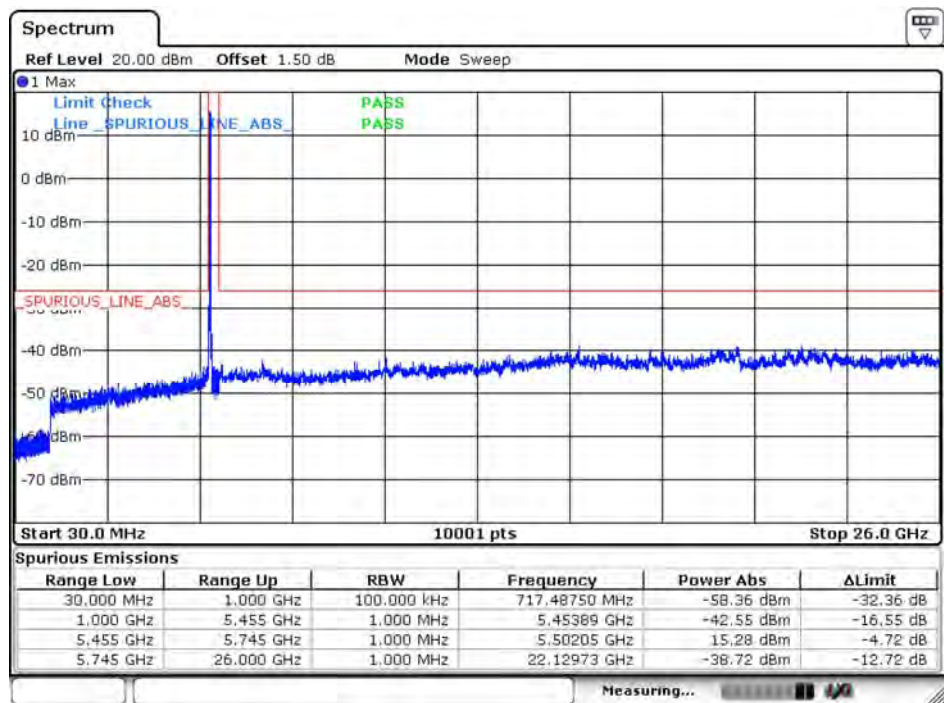
Date: 7 APR 2021 14:13:36

5500MHz_Ant.0



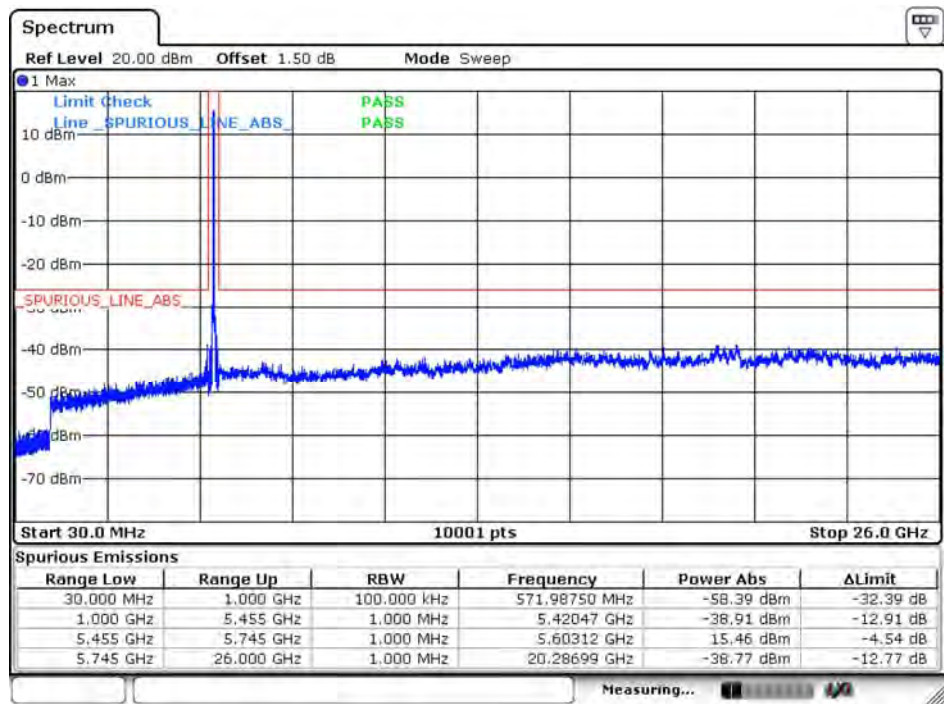
Date: 8 APR 2021 14:25:47

5500MHz_Ant.1



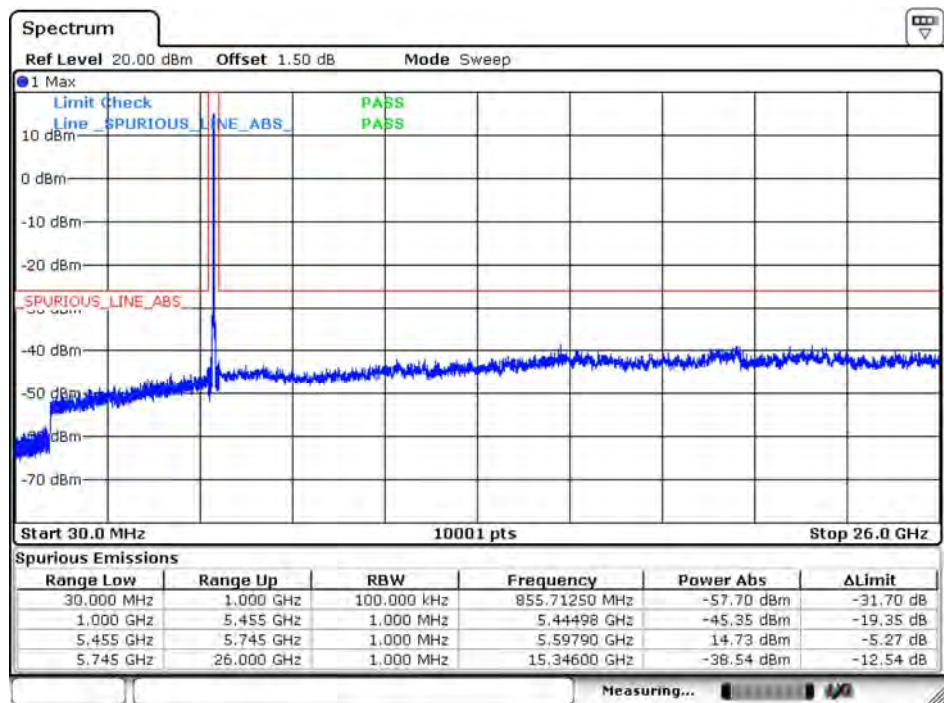
Date: 8 APR 2021 11:18:31

5600MHz_Ant.0



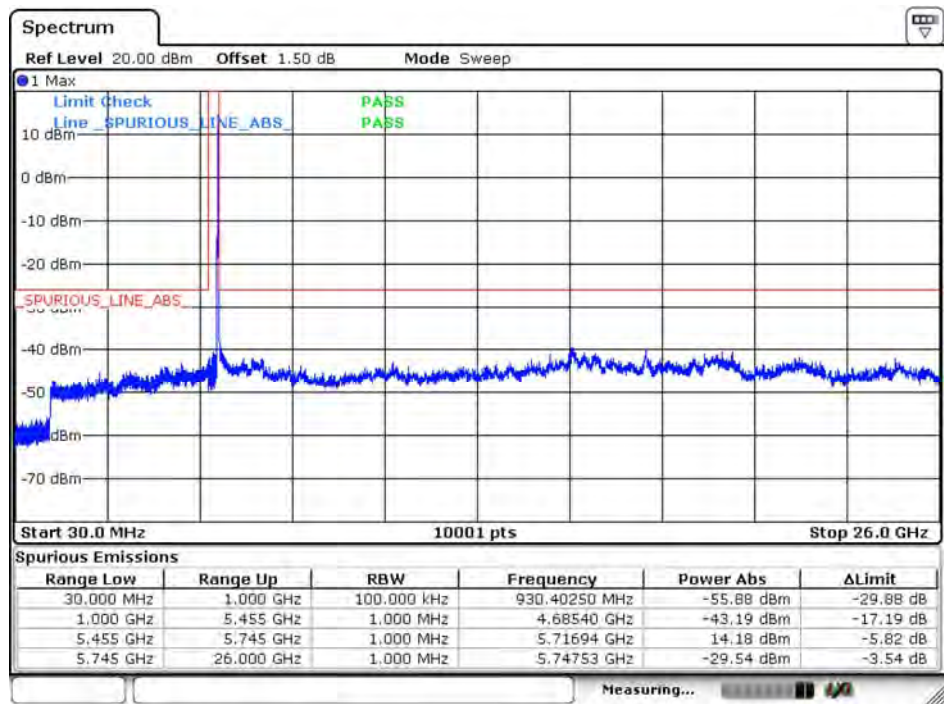
Date: 8 APR 2021 14:25:14

5600MHz_Ant.1



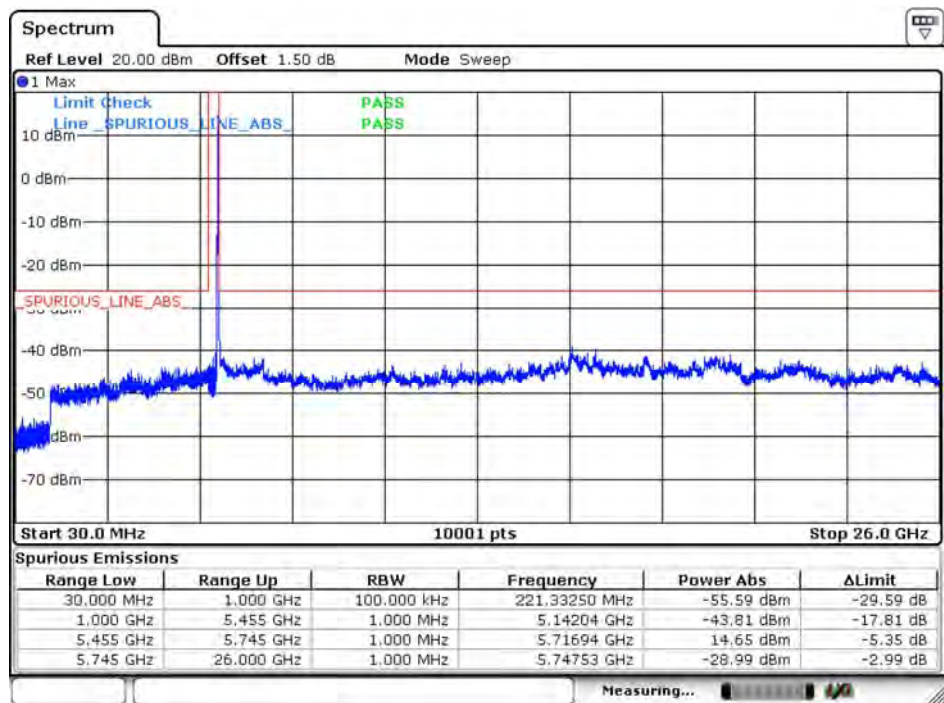
Date: 8 APR 2021 11:19:08

5720MHz_Ant.0



Date: 19 APR.2021 17:24:35

5720MHz_Ant.1

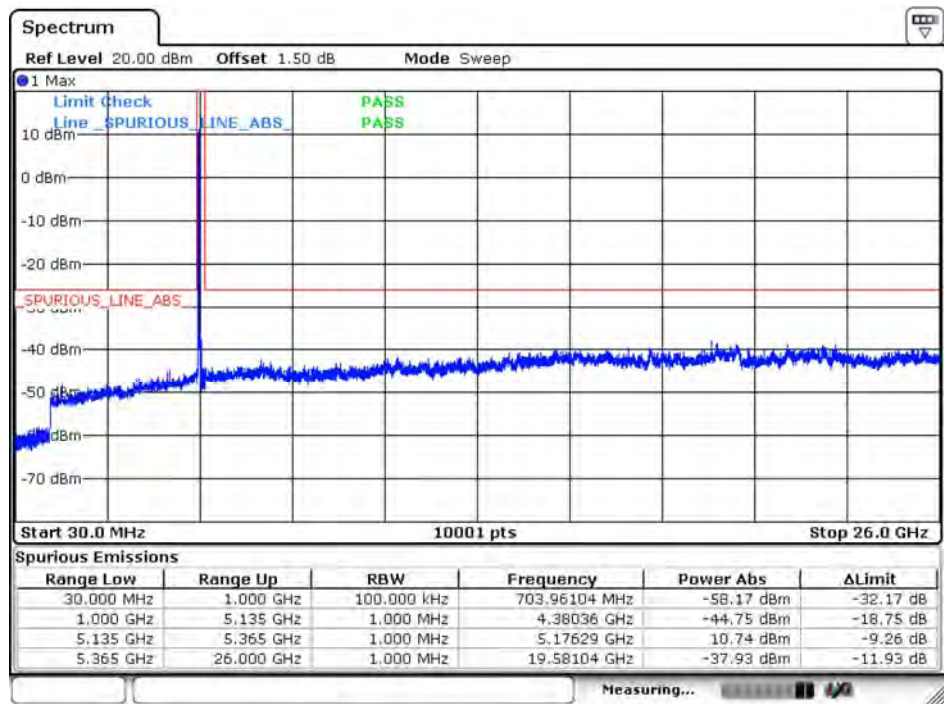


Date: 19 APR.2021 17:24:05

Product	Wireless LAN Access Point		
Test Item	Transmitter Spurious Emissions		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/07 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	63

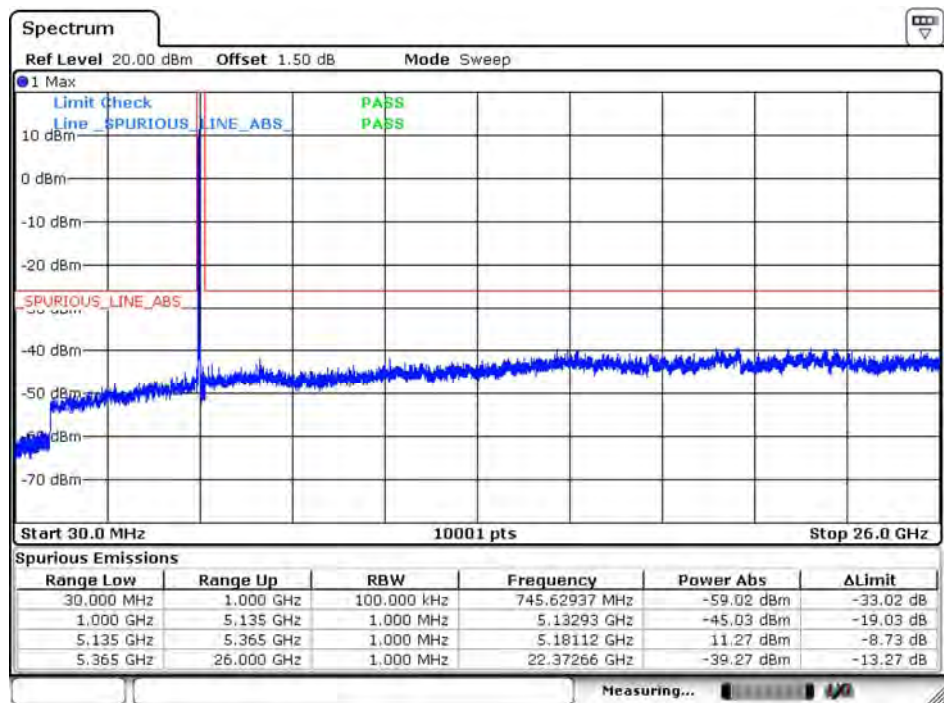
Test Mode: 802.11ac(20MHz)	
Frequency (MHz)	Test Result
5180	PASS
5220	PASS
5240	PASS
5260	PASS
5300	PASS
5320	PASS
5500	PASS
5600	PASS
5720	PASS

5180MHz_Ant.0



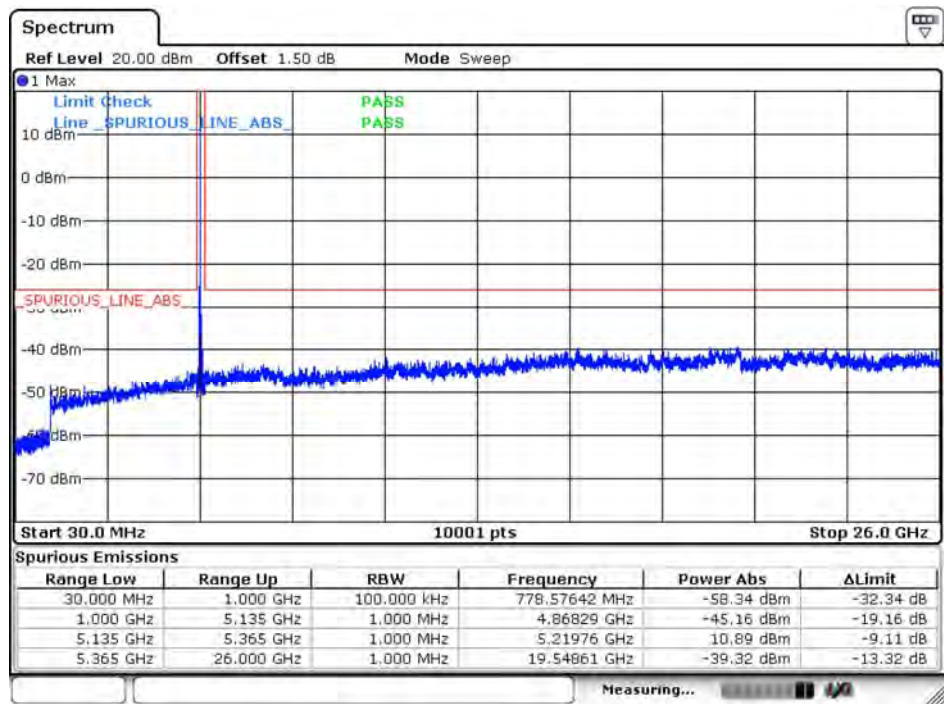
Date: 7 APR 2021 16:17:33

5180MHz_Ant.1



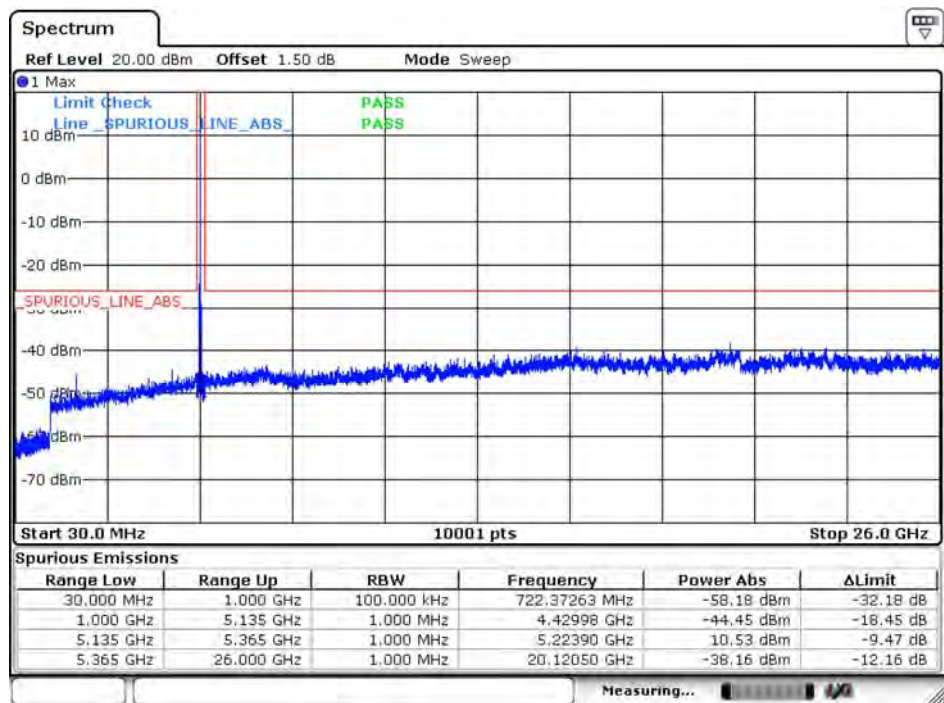
Date: 7 APR 2021 14:41:08

5220MHz_Ant.0



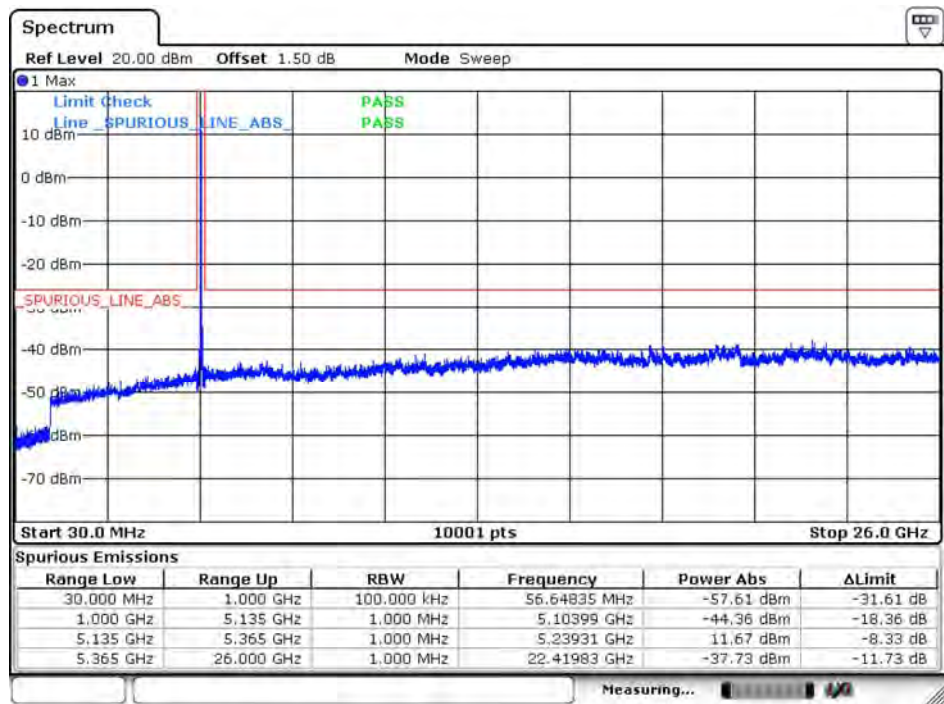
Date: 7 APR 2021 16:16:53

5220MHz_Ant.1



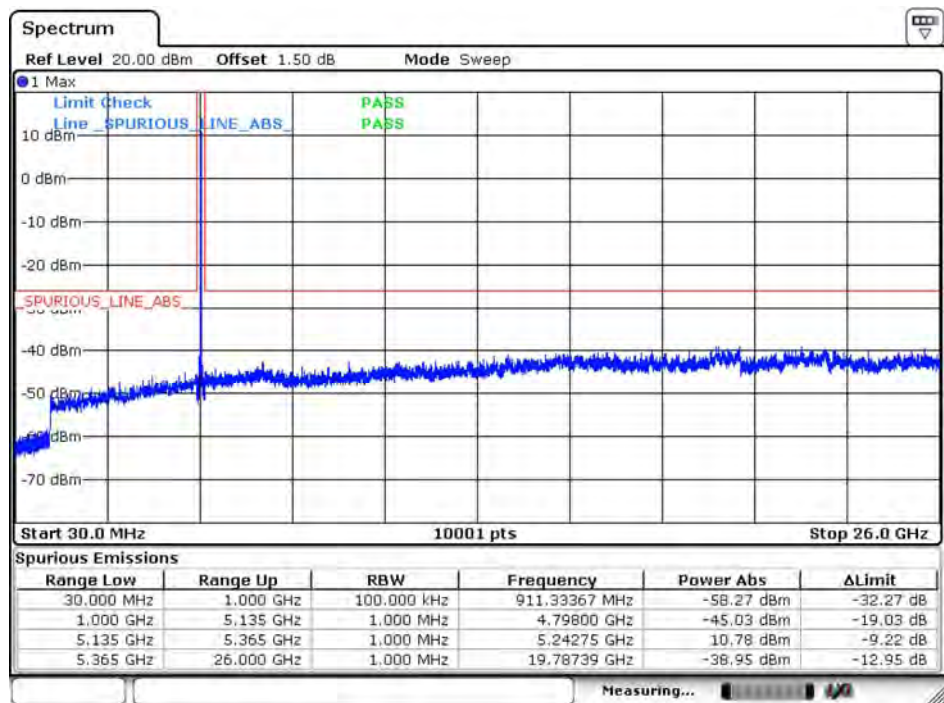
Date: 7 APR 2021 14:42:31

5240MHz_Ant.0



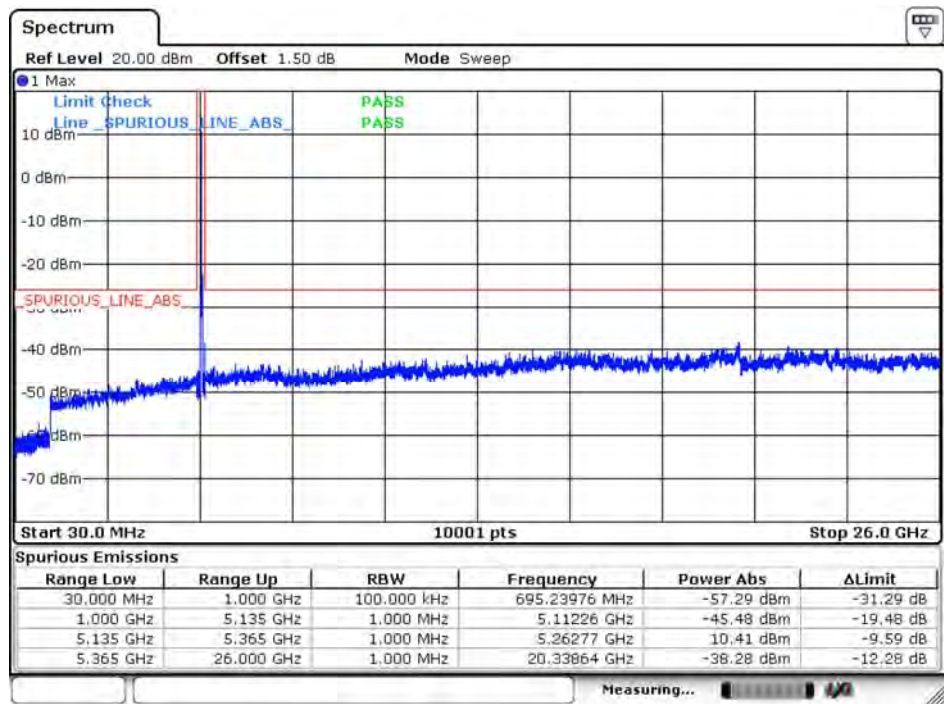
Date: 7 APR 2021 16:07:49

5240MHz_Ant.1



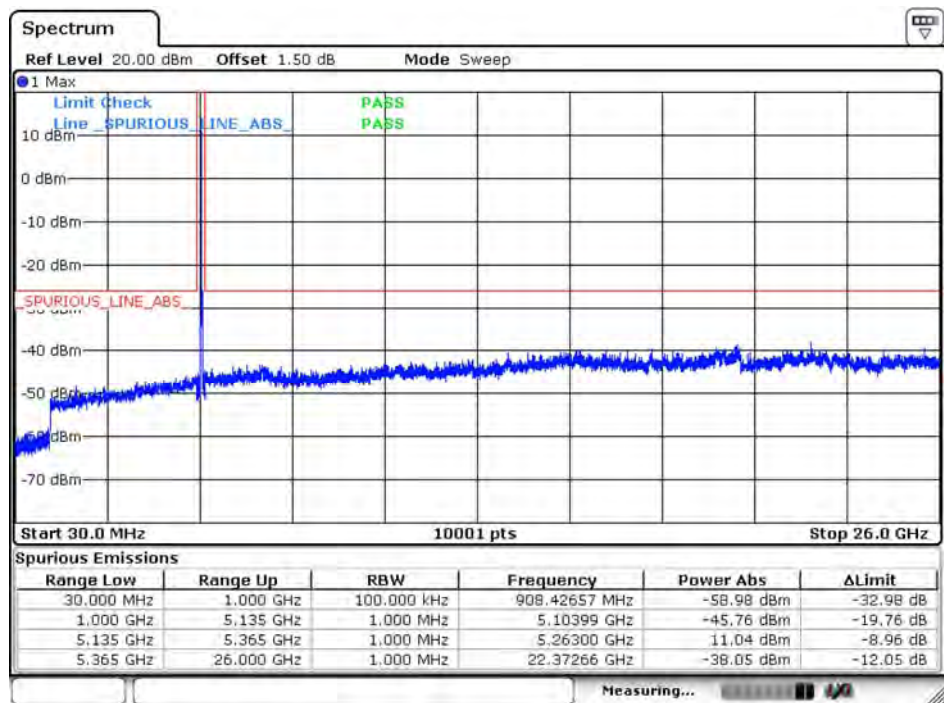
Date: 7 APR 2021 14:43:08

5260MHz_Ant.0



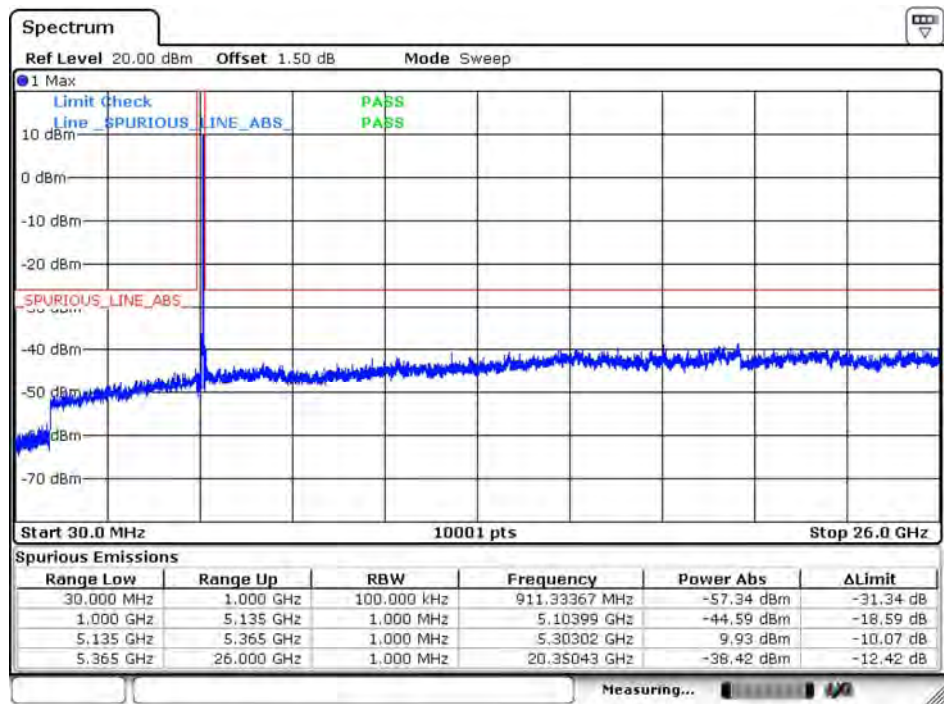
Date: 7 APR 2021 15:52:59

5260MHz_Ant.1



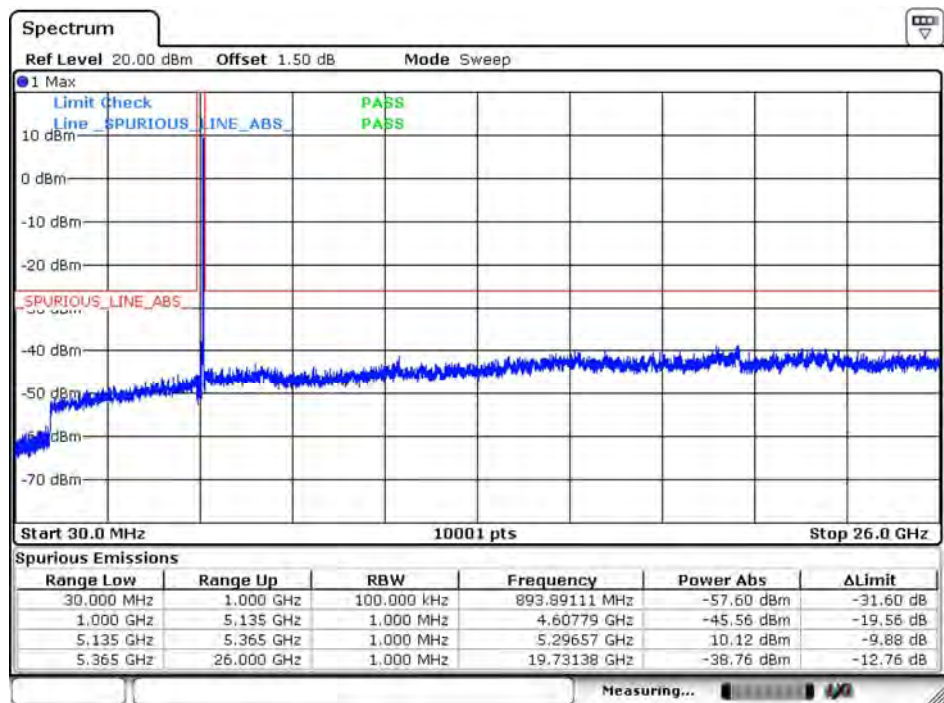
Date: 7 APR 2021 15:12:33

5300MHz_Ant.0



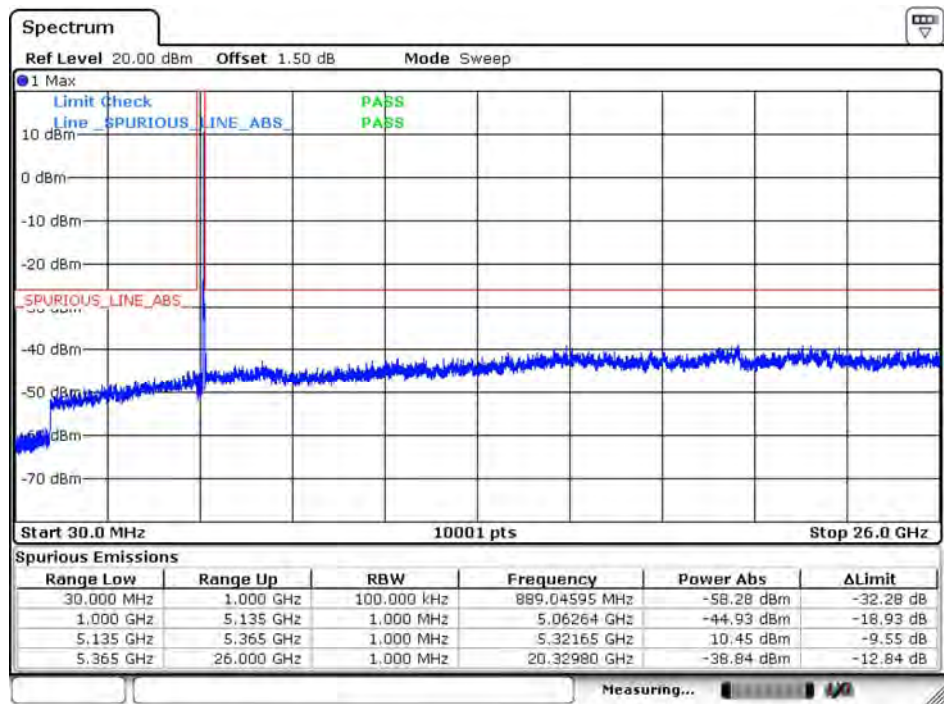
Date: 7 APR 2021 15:46:19

5300MHz_Ant.1



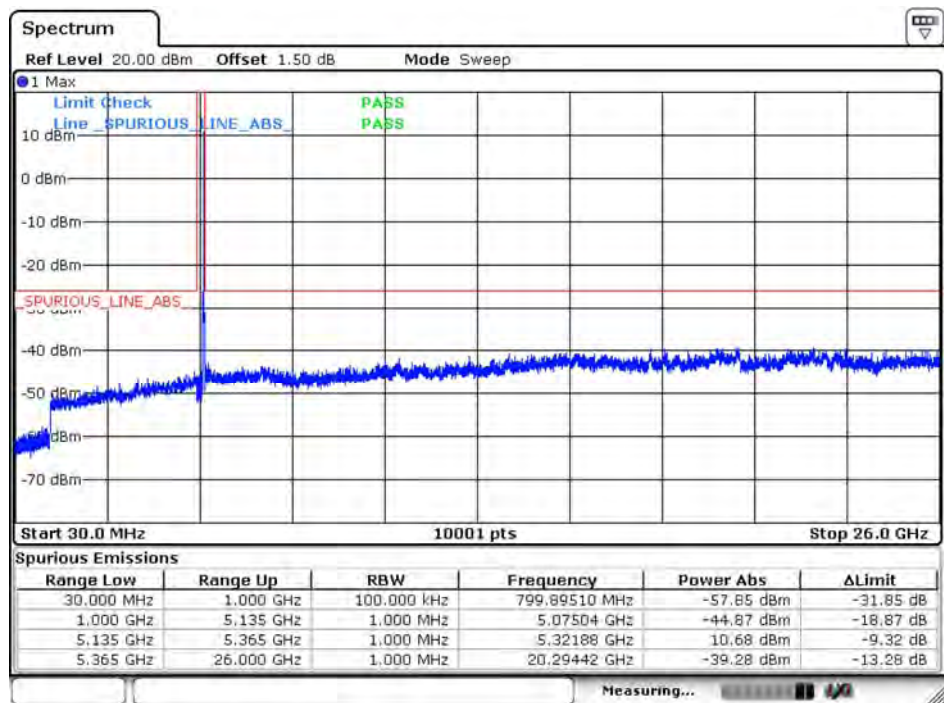
Date: 7 APR 2021 15:14:44

5320MHz_Ant.0



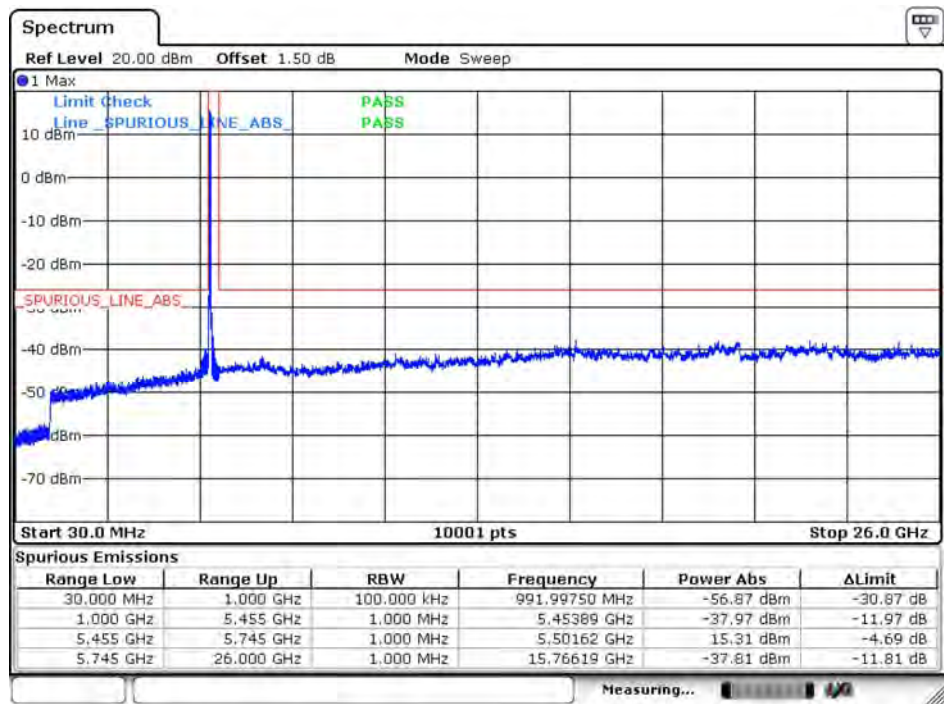
Date: 7 APR 2021 15:21:12

5320MHz_Ant.1



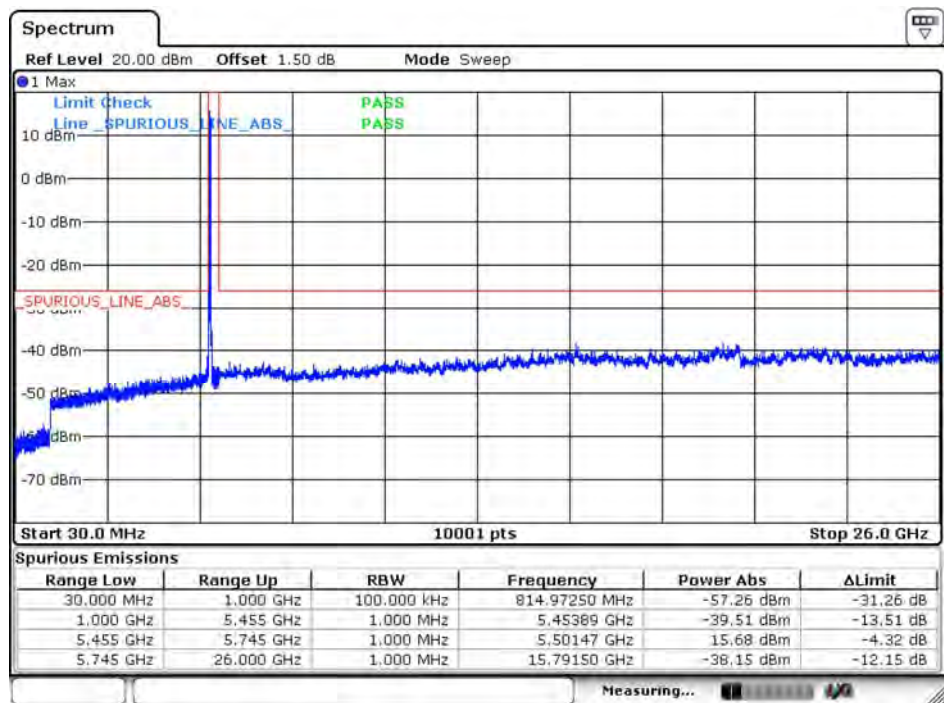
Date: 7 APR 2021 16:15:05

5500MHz_Ant.0



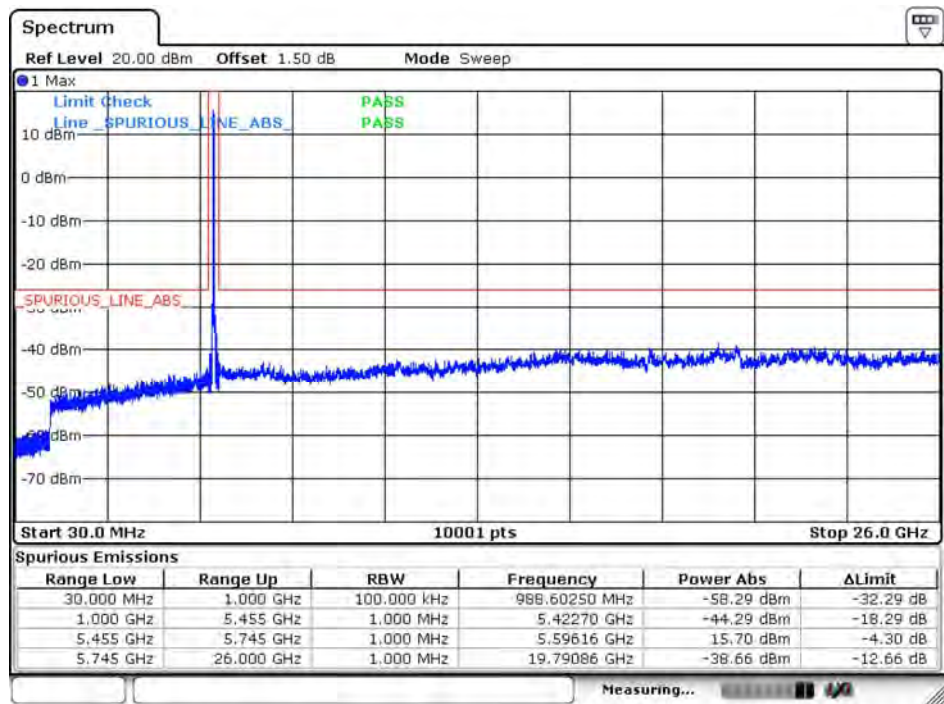
Date: 8 APR 2021 13:49:36

5500MHz_Ant.1



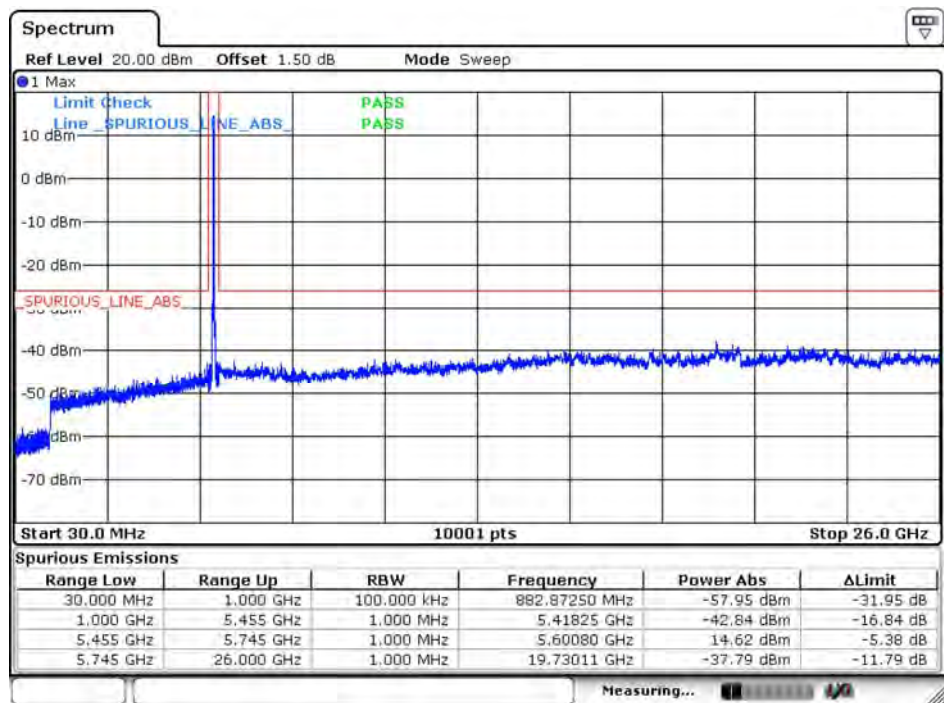
Date: 8 APR 2021 11:26:09

5600MHz_Ant.0



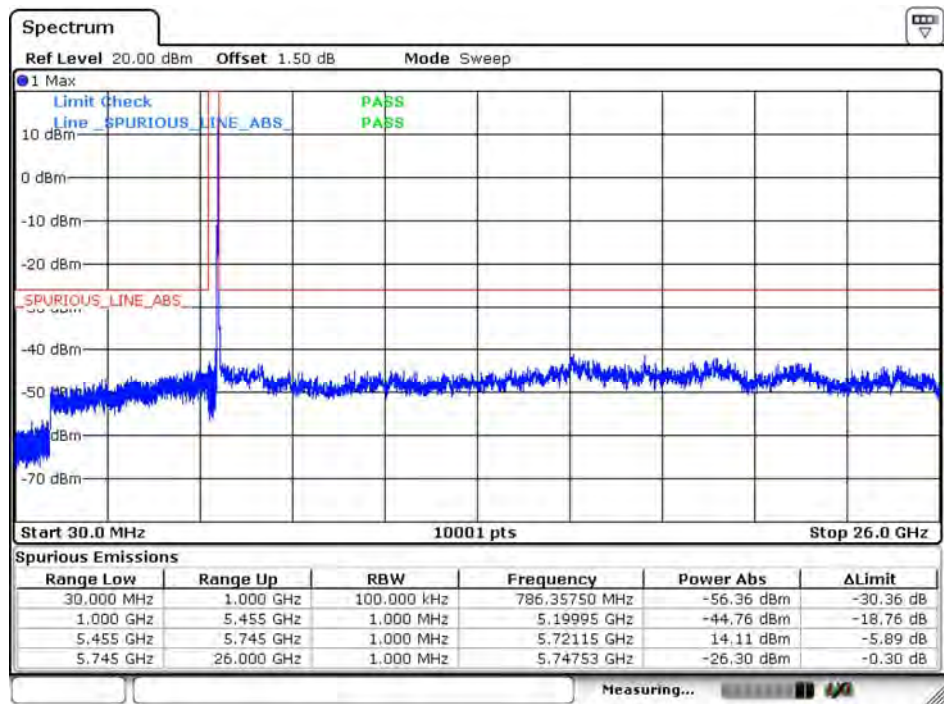
Date: 8 APR 2021 13:55:22

5600MHz_Ant.1



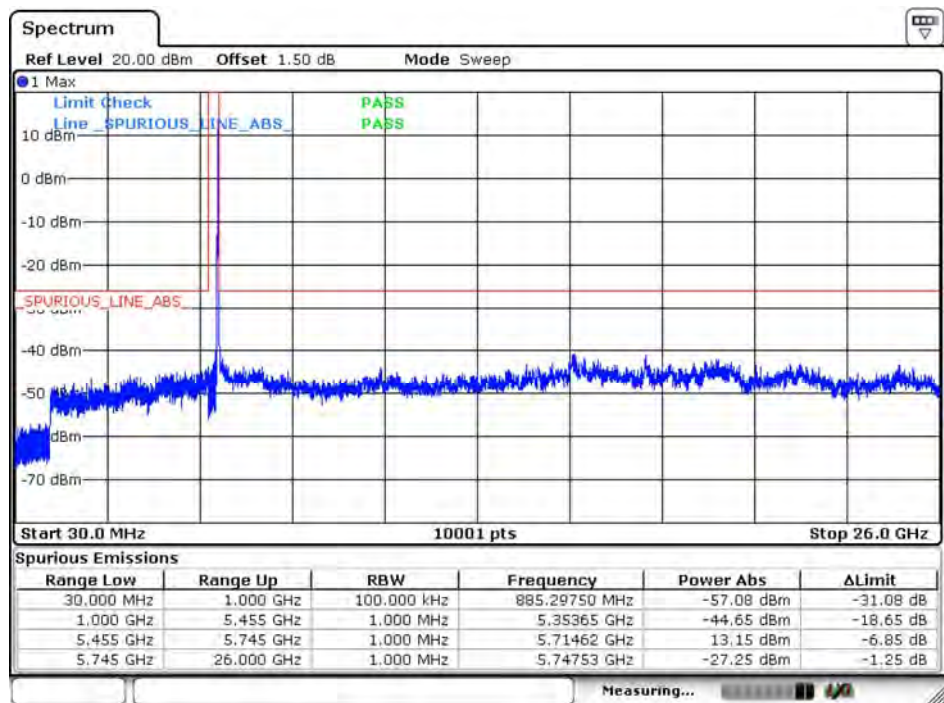
Date: 8 APR 2021 11:25:22

5720MHz_Ant.0



Date: 19 APR 2021 17:22:59

5720MHz_Ant.1

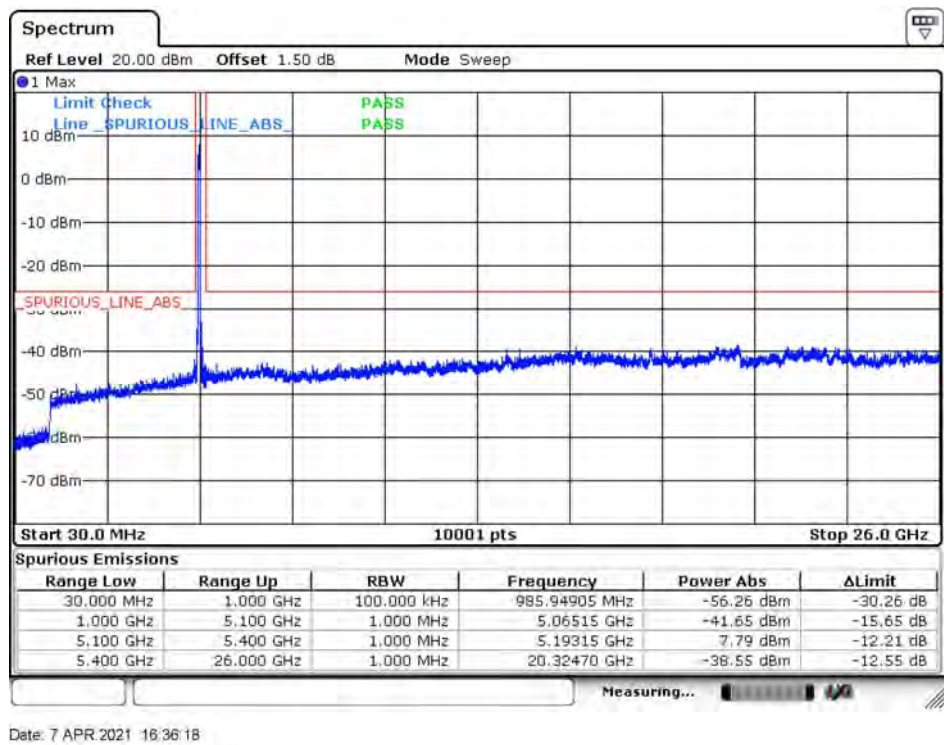


Date: 19 APR 2021 17:21:40

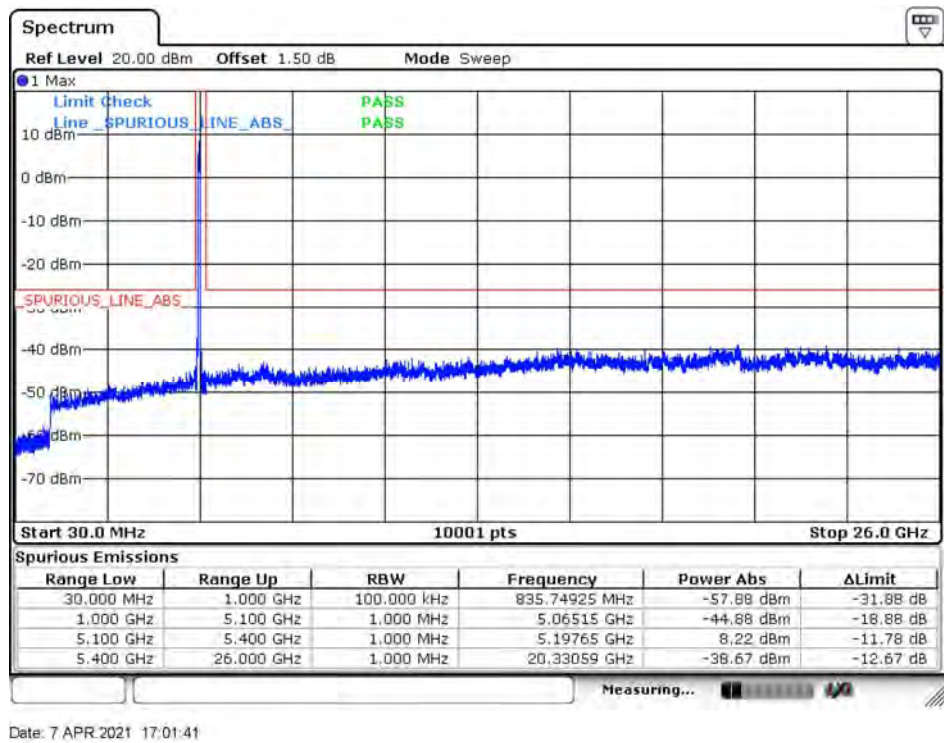
Product	Wireless LAN Access Point		
Test Item	Transmitter Spurious Emissions		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/07 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	63

Test Mode: IEEE 802.11ac(40MHz)	
Frequency (MHz)	Test Result
5190	PASS
5230	PASS
5270	PASS
5310	PASS
5510	PASS
5590	PASS
5710	PASS

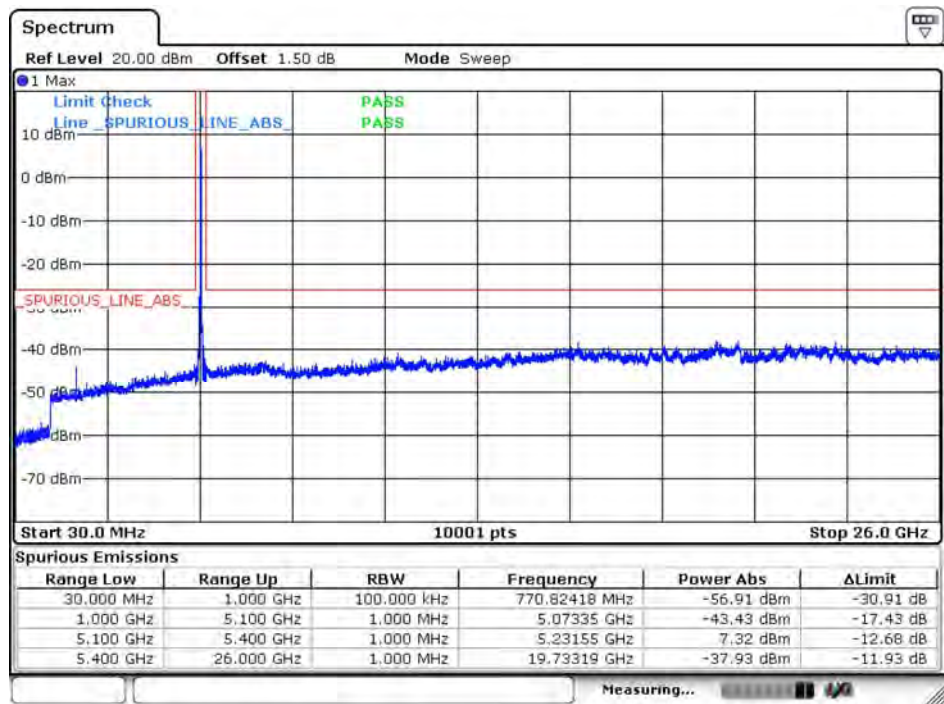
5190MHz_Ant.0



5190MHz_Ant.1

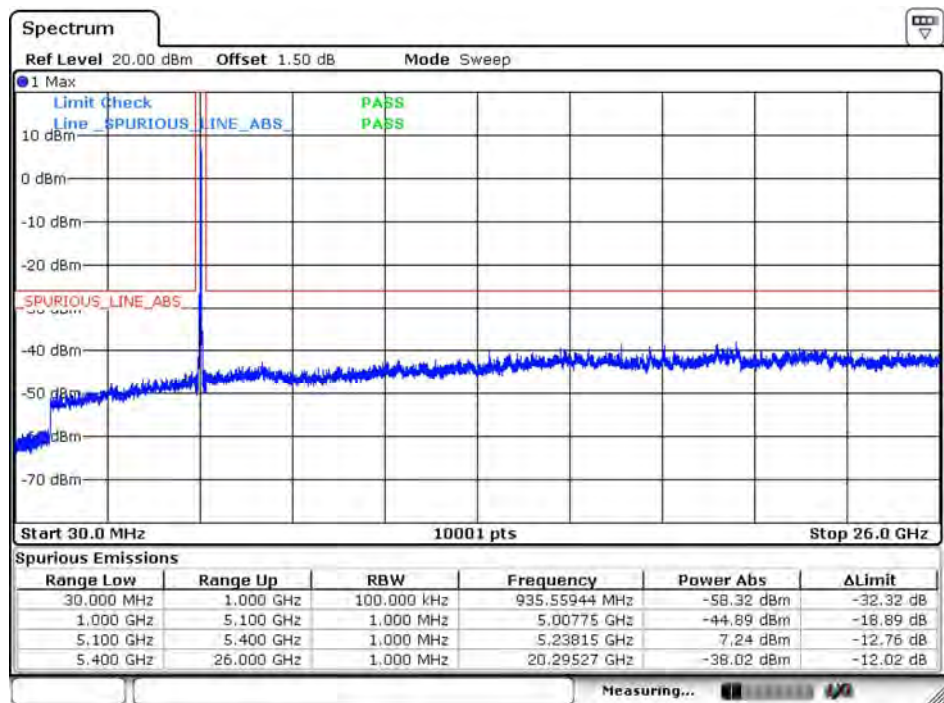


5230MHz_Ant.0



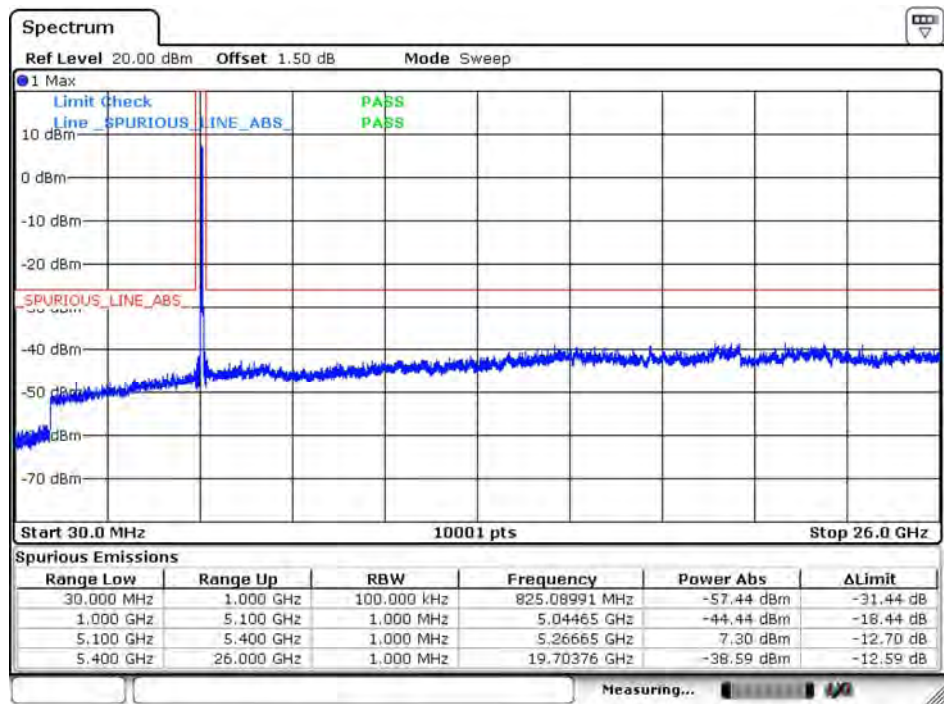
Date: 7 APR 2021 16:51:24

5230MHz_Ant.1



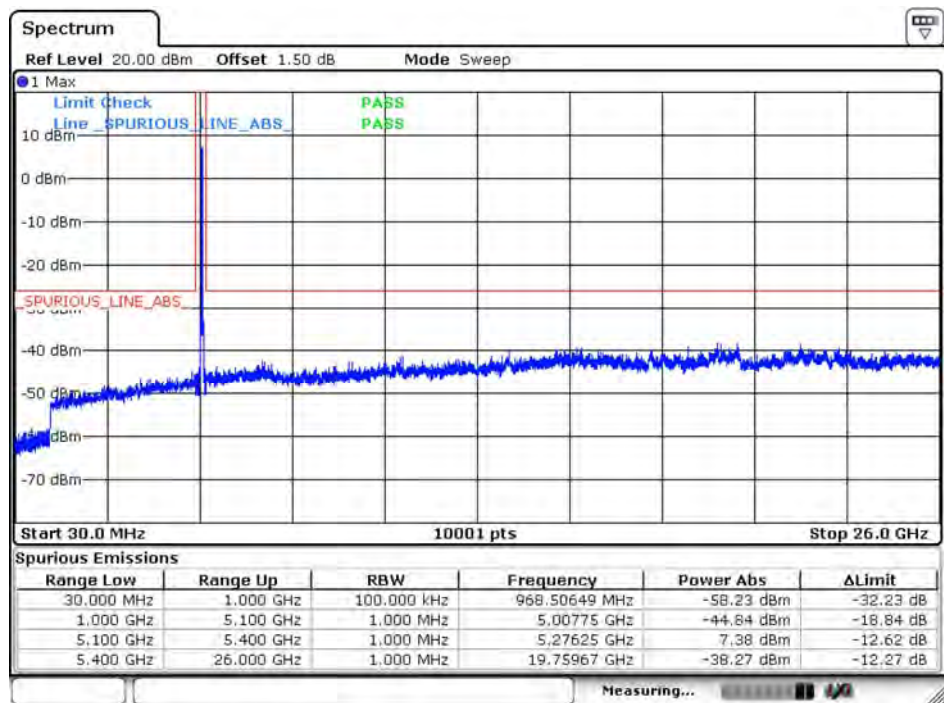
Date: 7 APR 2021 17:02:09

5270MHz_Ant.0



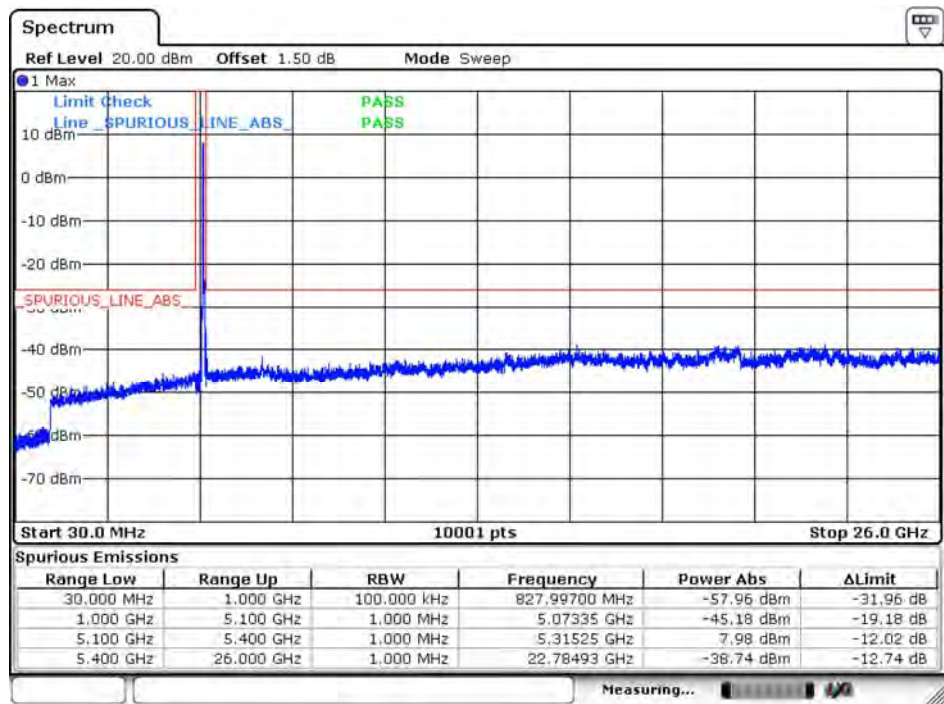
Date: 7 APR 2021 16:52:17

5270MHz_Ant.1



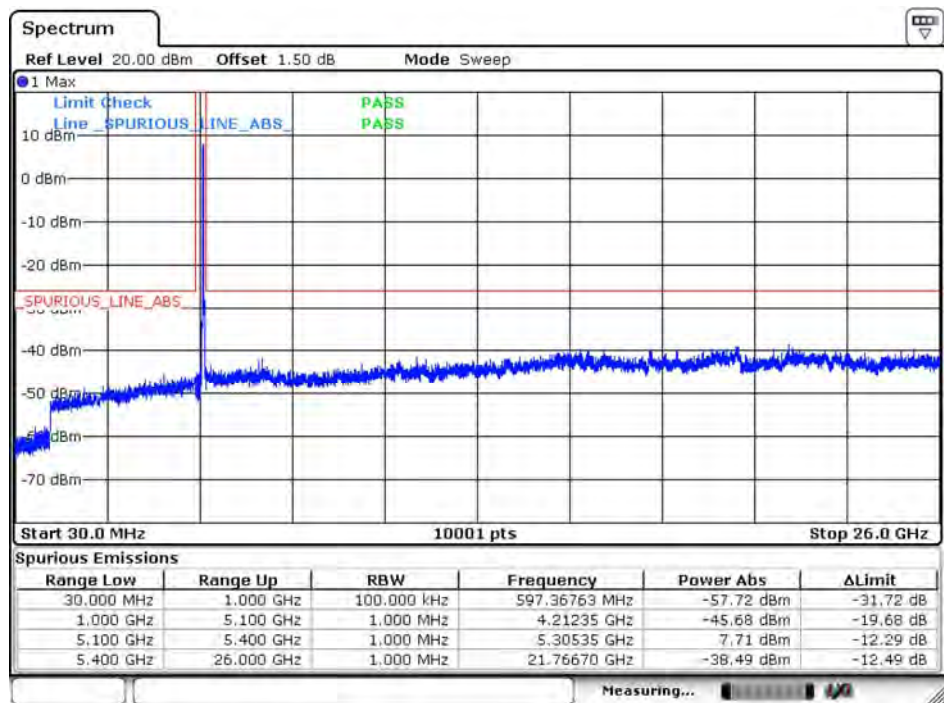
Date: 7 APR 2021 17:02:38

5310MHz_Ant.0



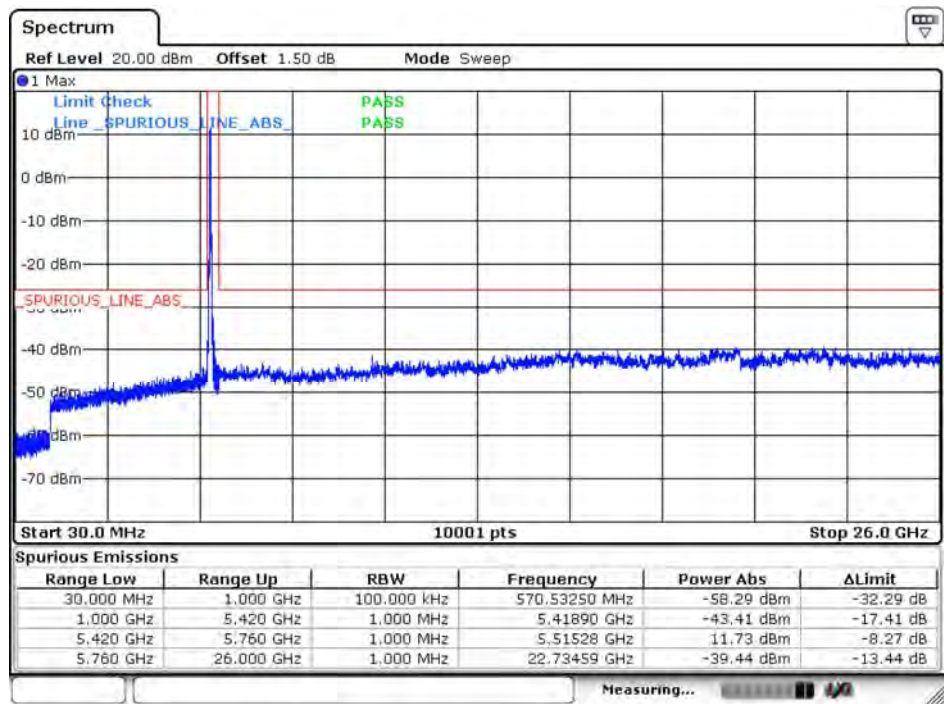
Date: 7 APR 2021 16:52:53

5310MHz_Ant.1



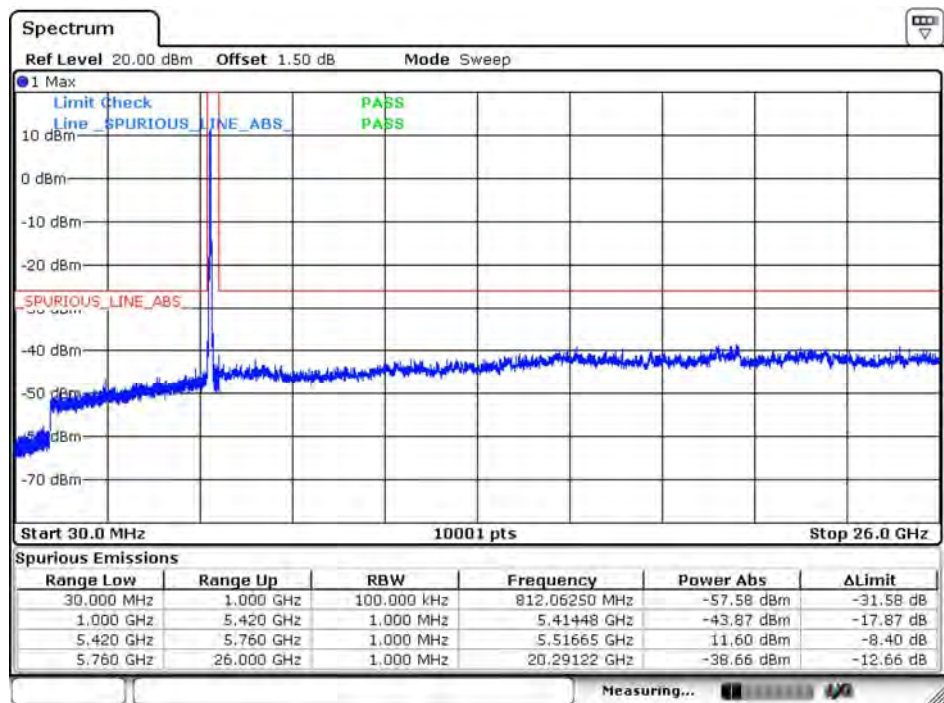
Date: 7 APR 2021 17:06:57

5510MHz_Ant.0



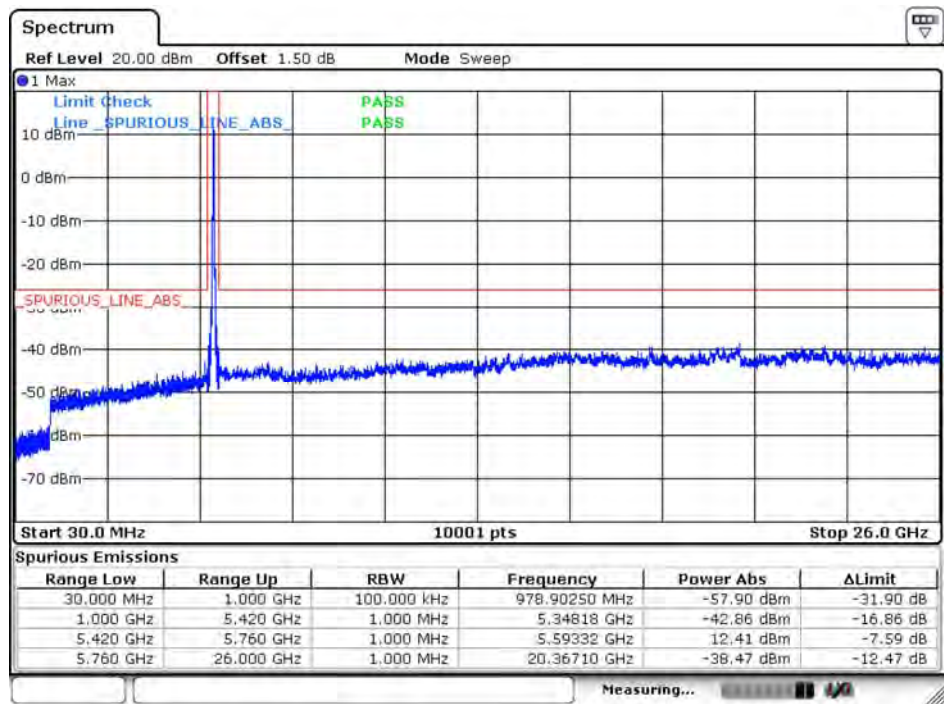
Date: 8 APR 2021 14:35:34

5510MHz_Ant.1



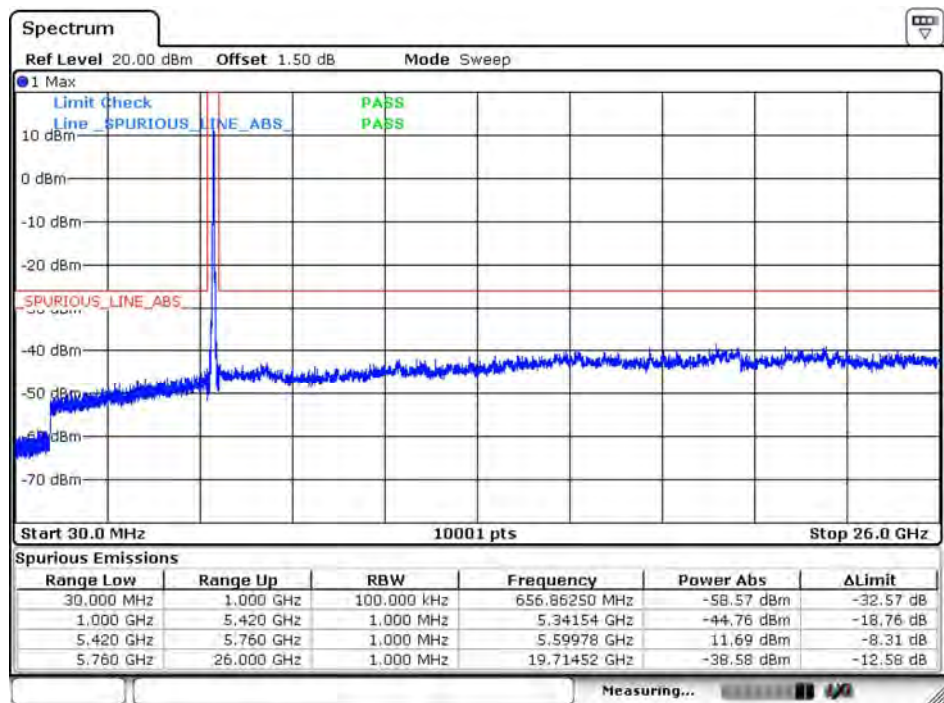
Date: 8 APR 2021 14:49:28

5590MHz_Ant.0



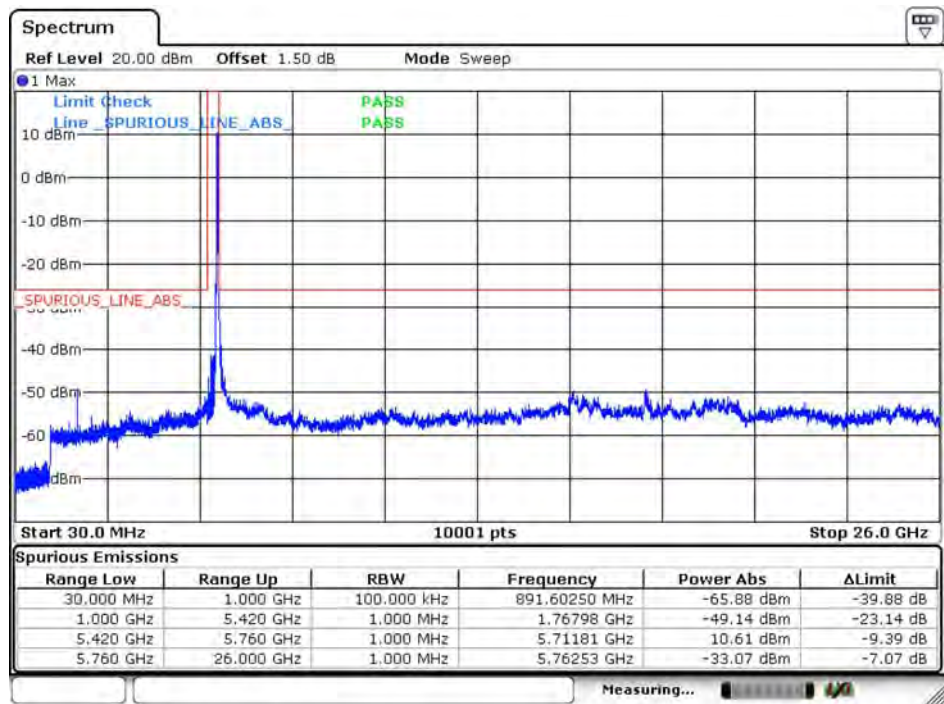
Date: 8.APR.2021 14:45:29

5590MHz_Ant.1



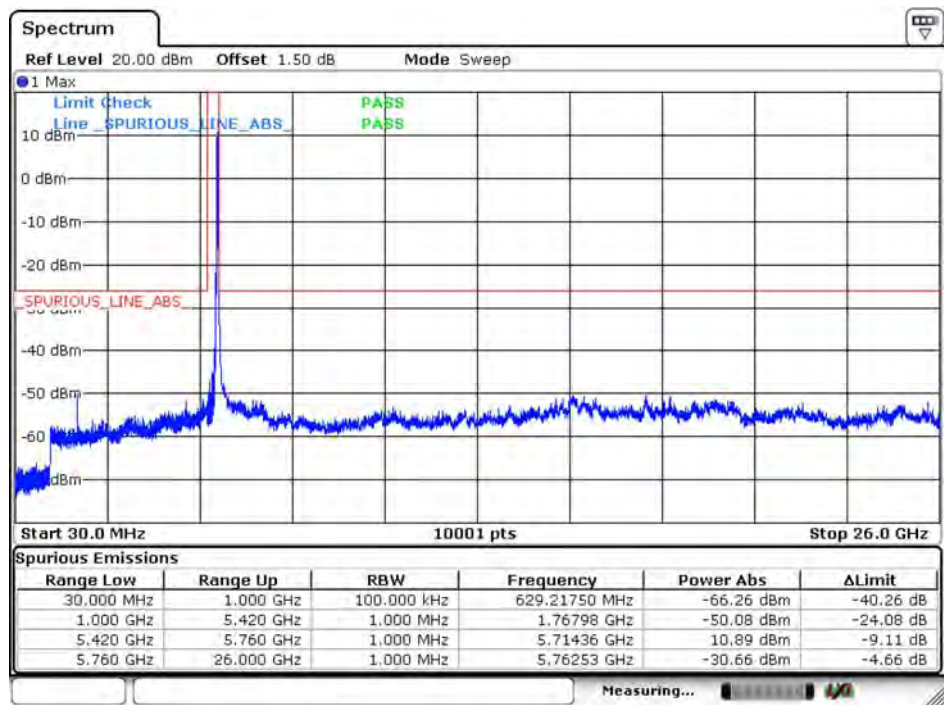
Date: 8.APR.2021 14:49:00

5710MHz_Ant.0



Date: 19 APR 2021 17:13:07

5710MHz_Ant.1

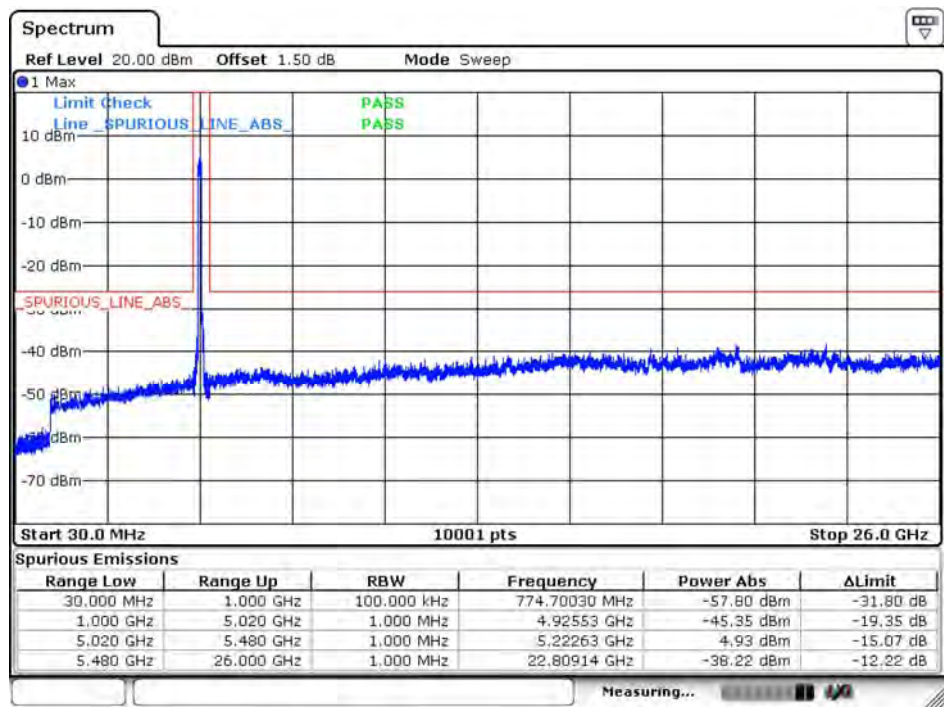


Date: 19 APR 2021 17:12:36

Product	Wireless LAN Access Point		
Test Item	Transmitter Spurious Emissions		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/07 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	63

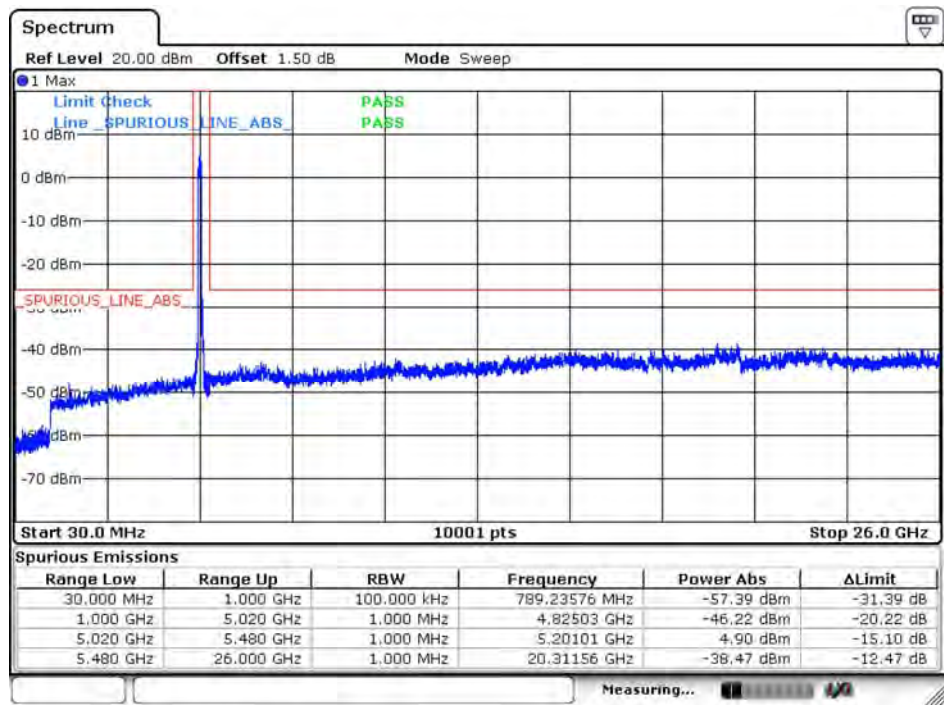
Test Mode: IEEE 802.11ac(80MHz)	
Frequency (MHz)	Test Result
5210	PASS
5290	PASS
5530	PASS
5610	PASS
5690	PASS

5210MHz_Ant.0



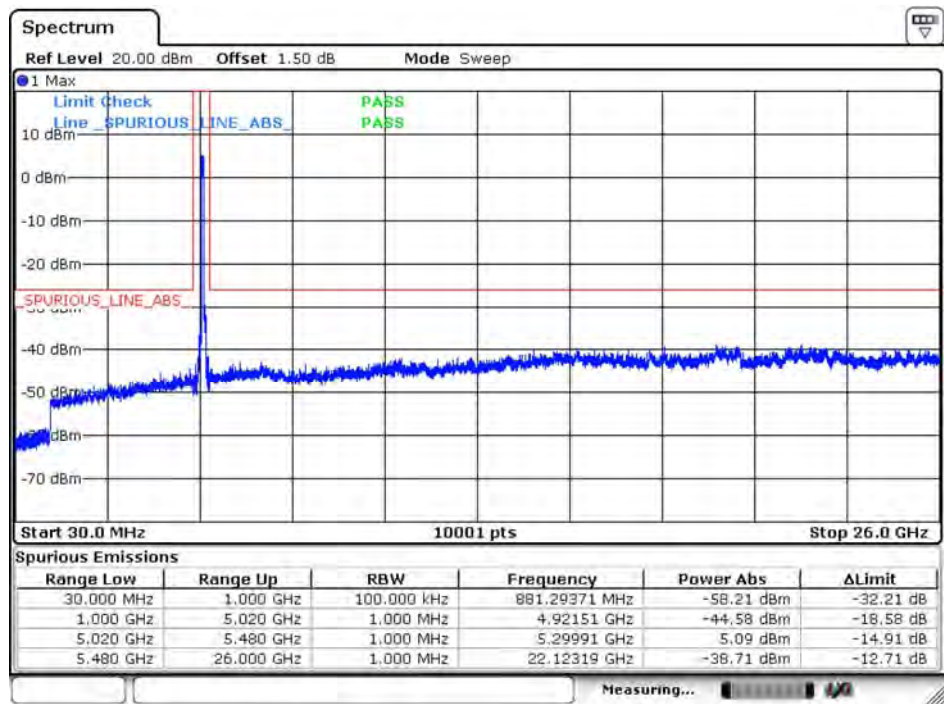
Date: 7 APR 2021 16:53:49

5210MHz_Ant.1



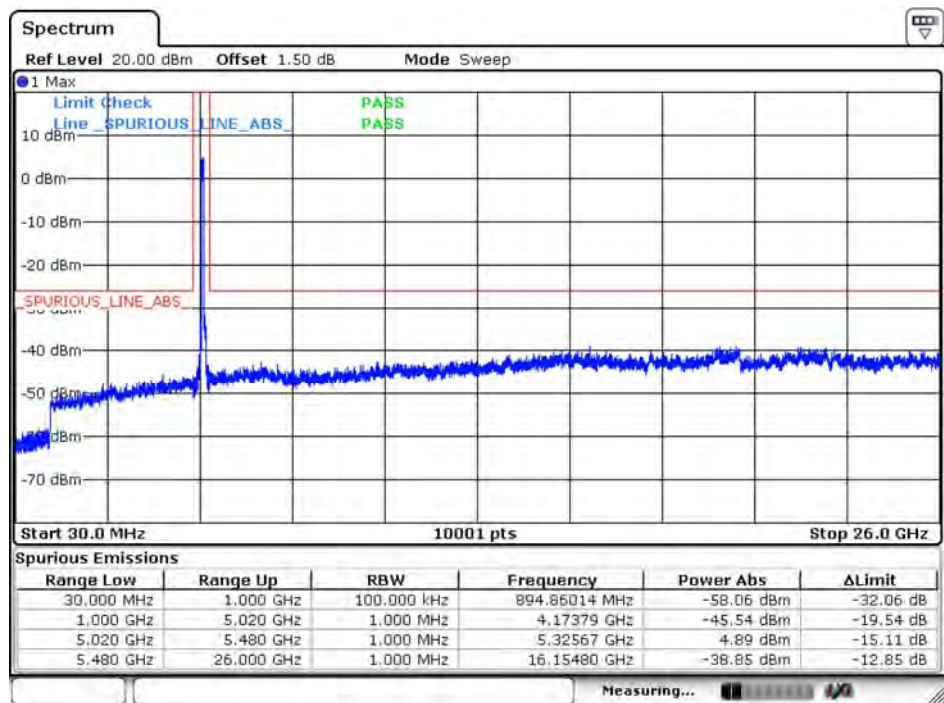
Date: 7 APR 2021 17:00:53

5290MHz_Ant.0



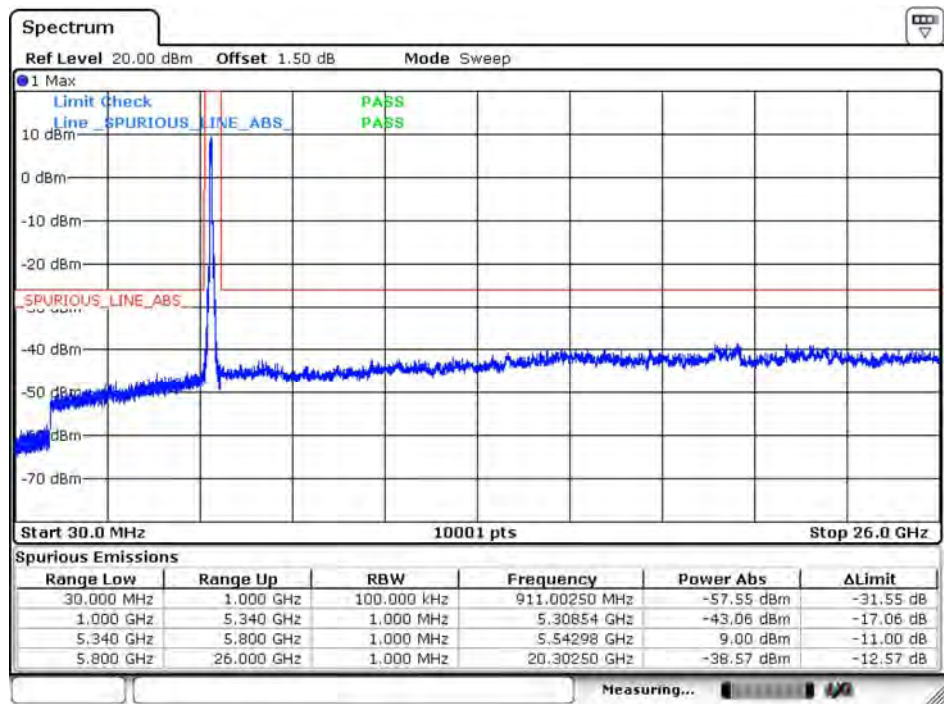
Date: 7 APR 2021 16:54:23

5290MHz_Ant.1



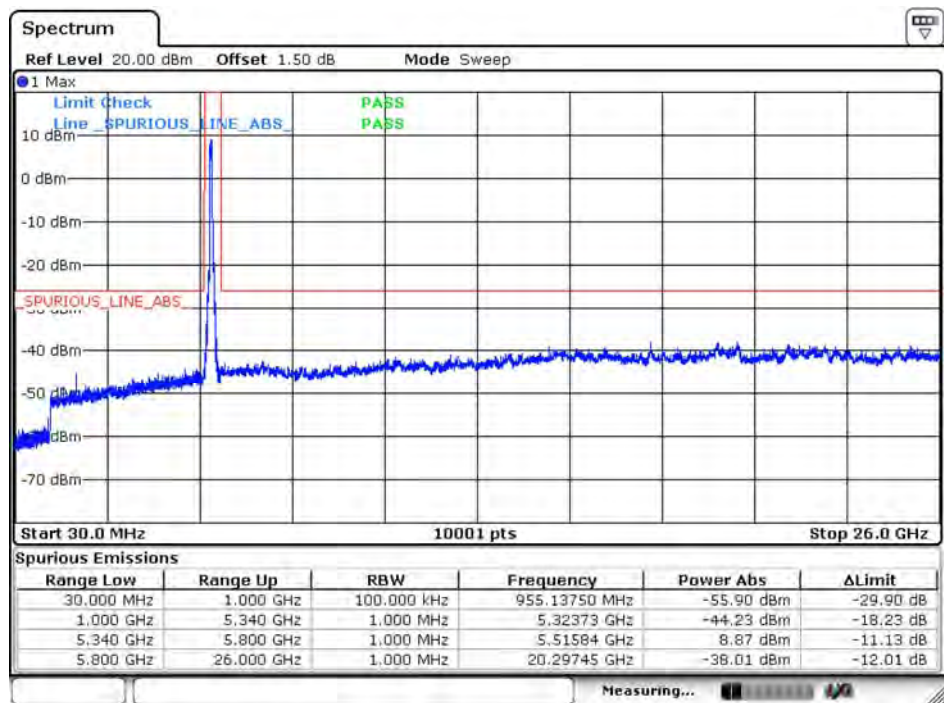
Date: 7 APR 2021 17:00:33

5530MHz_Ant.0



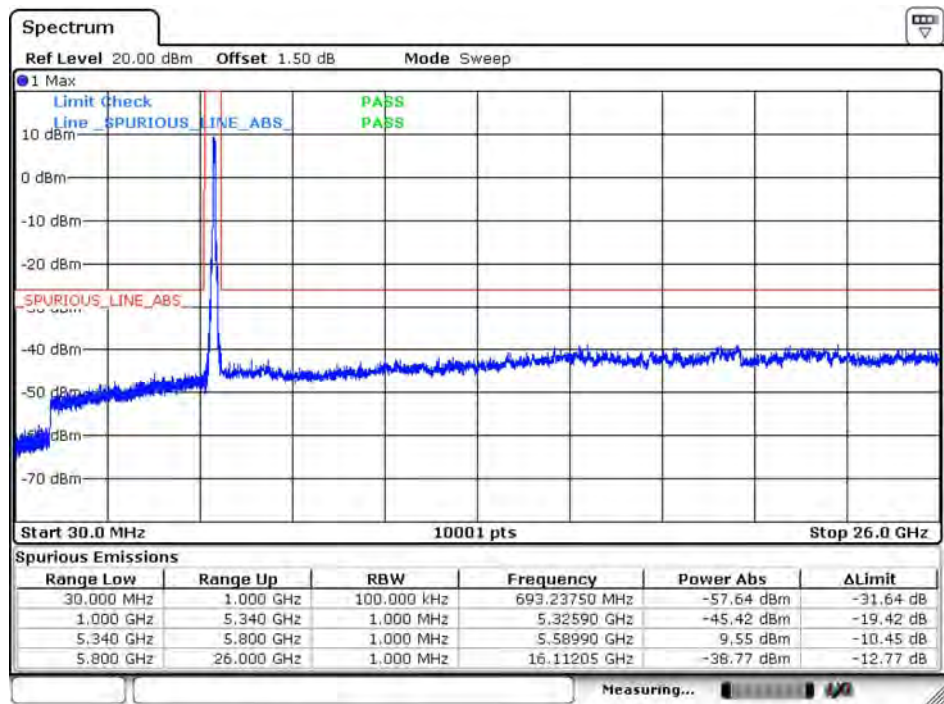
Date: 8 APR 2021 15:00:40

5530MHz_Ant.1



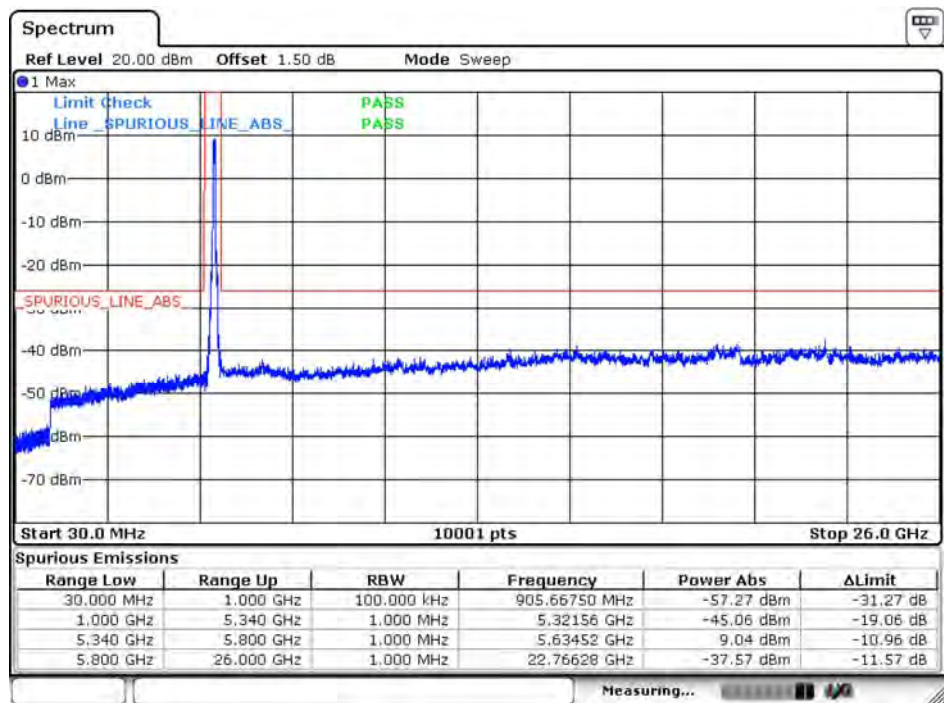
Date: 8 APR 2021 14:58:27

5610MHz_Ant.0



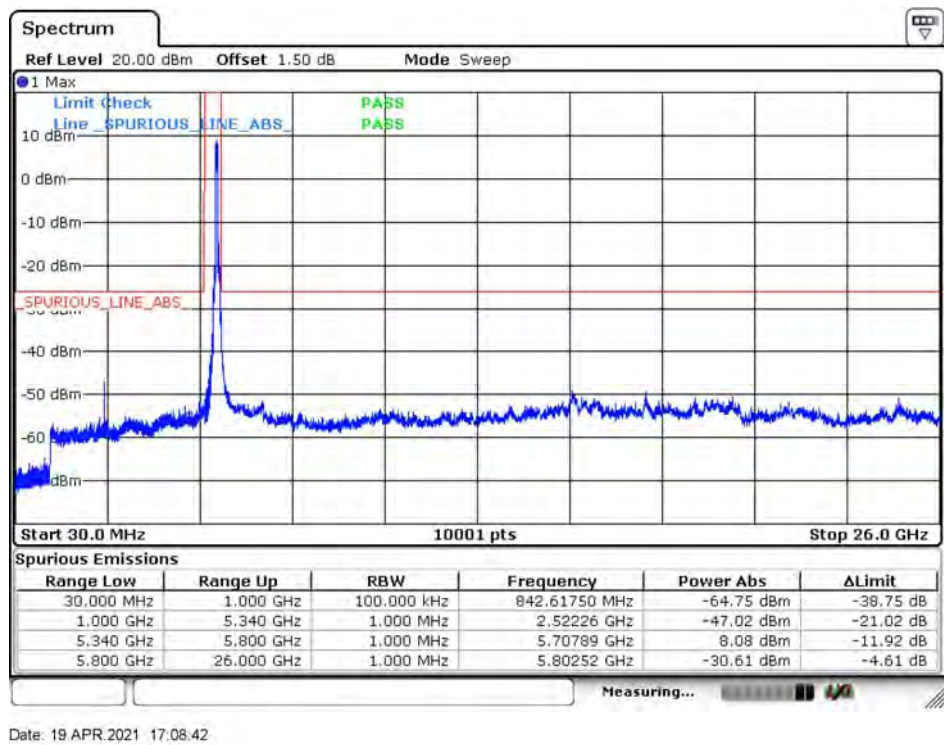
Date: 8 APR 2021 15:00:11

5610MHz_Ant.1

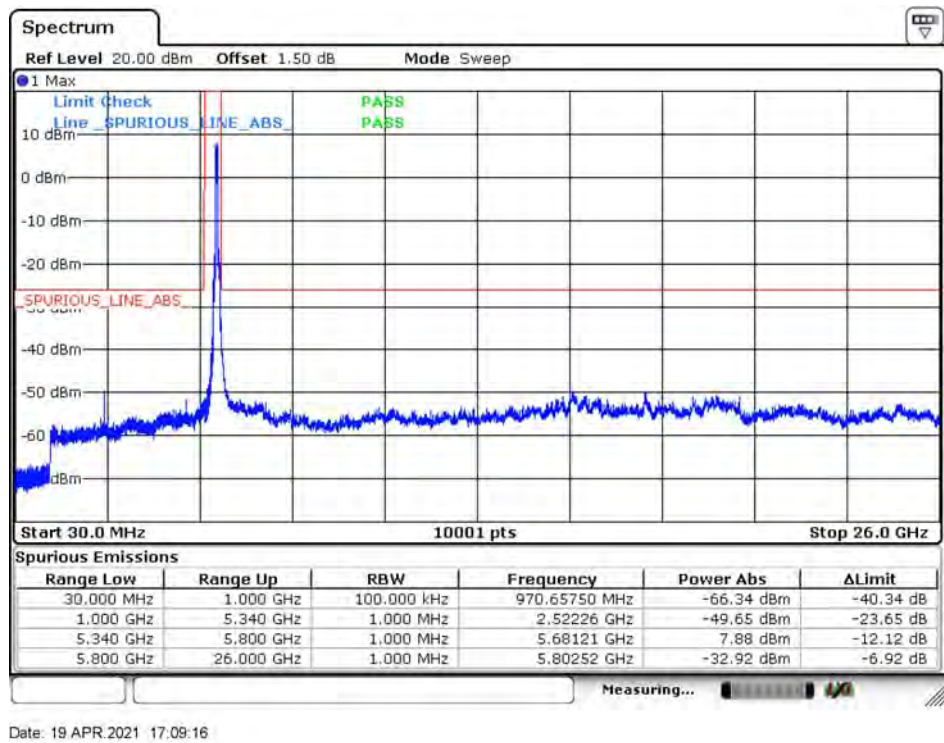


Date: 8 APR 2021 14:59:19

5690MHz_Ant.0

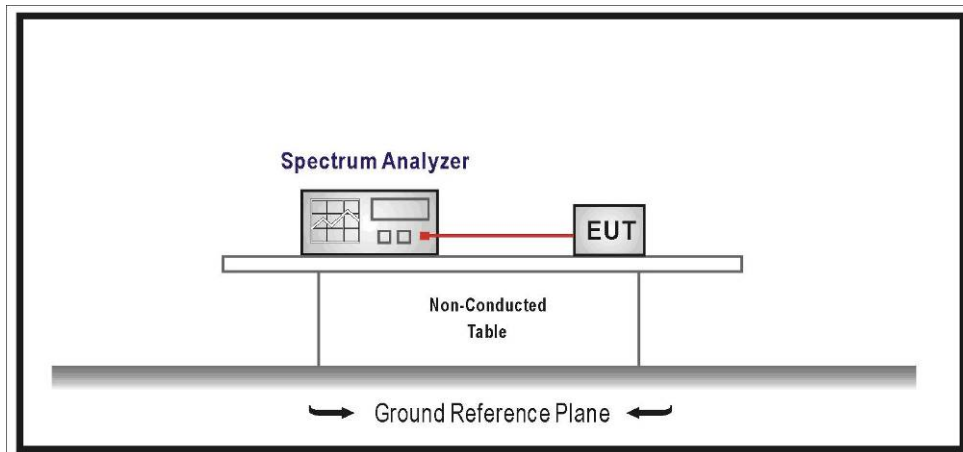


5690MHz_Ant.1



8. Receiver Spurious Emissions

8.1. Test Setup



8.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

8.3. Limits

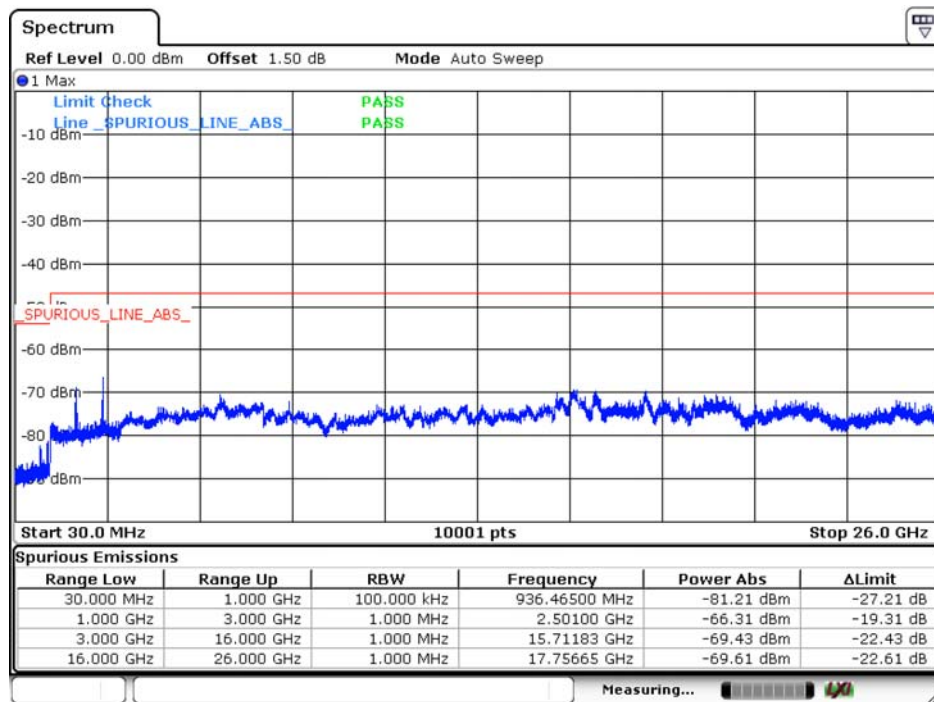
- $\leq 4\text{nW}$ for 30 – 1000 MHz
- $\leq 20\text{nW}$ for 1000 – 16000 MHz

8.4. Test Result of Receiver Spurious Emissions

Product	Wireless LAN Access Point		
Test Item	Receiver Spurious Emissions		
Test Mode	Mode 2: Receive		
Date of Test	2021/04/15 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	64

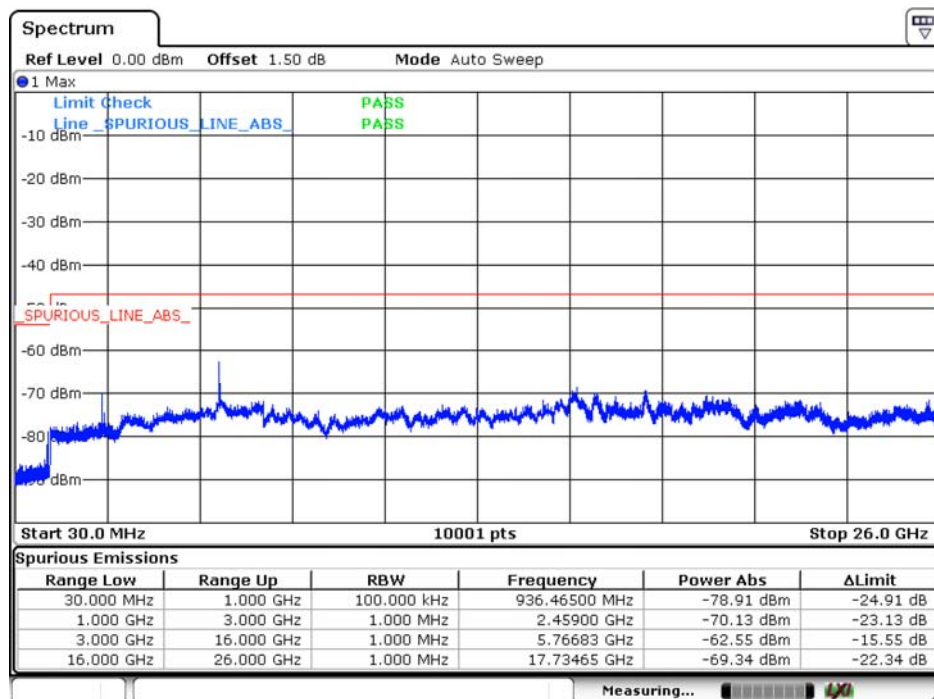
Test Mode: 802.11a	
Frequency (MHz)	Test Result
5180	PASS
5220	PASS
5240	PASS
5260	PASS
5300	PASS
5320	PASS
5500	PASS
5600	PASS
5720	PASS

5180MHz_Ant.0



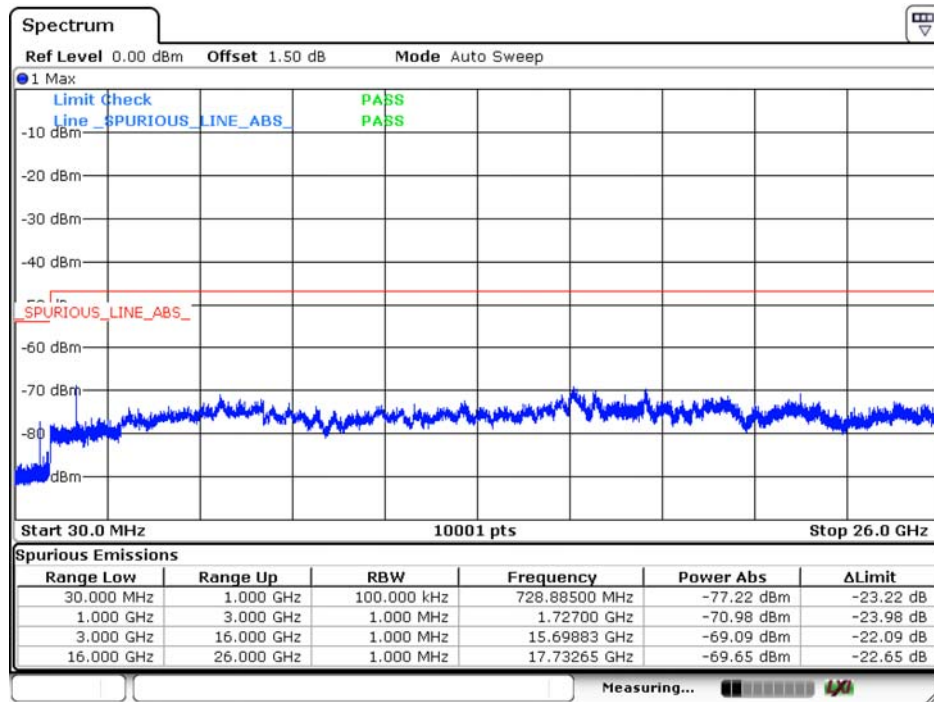
Date: 15.APR.2021 13:00:50

5180MHz_Ant.1



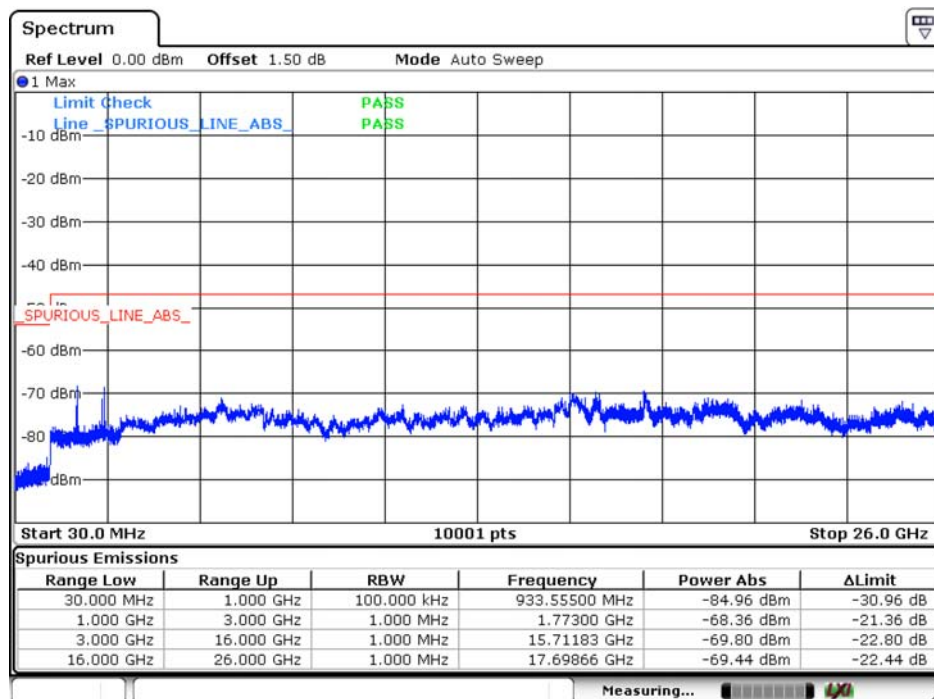
Date: 15.APR.2021 13:01:22

5220MHz_Ant.0



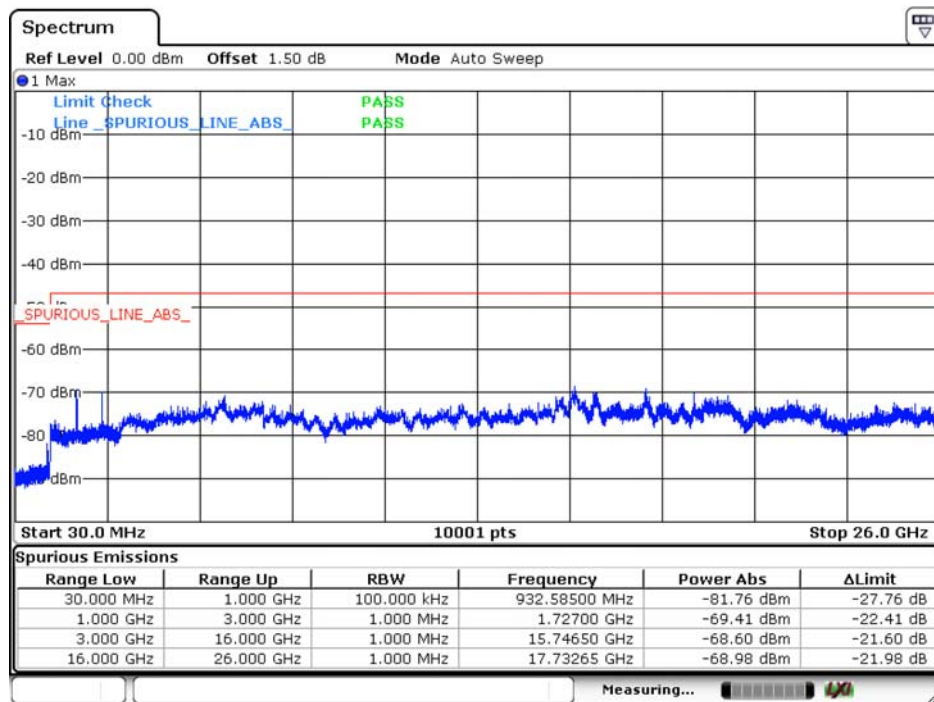
Date: 15.APR.2021 13:06:51

5220MHz_Ant.1



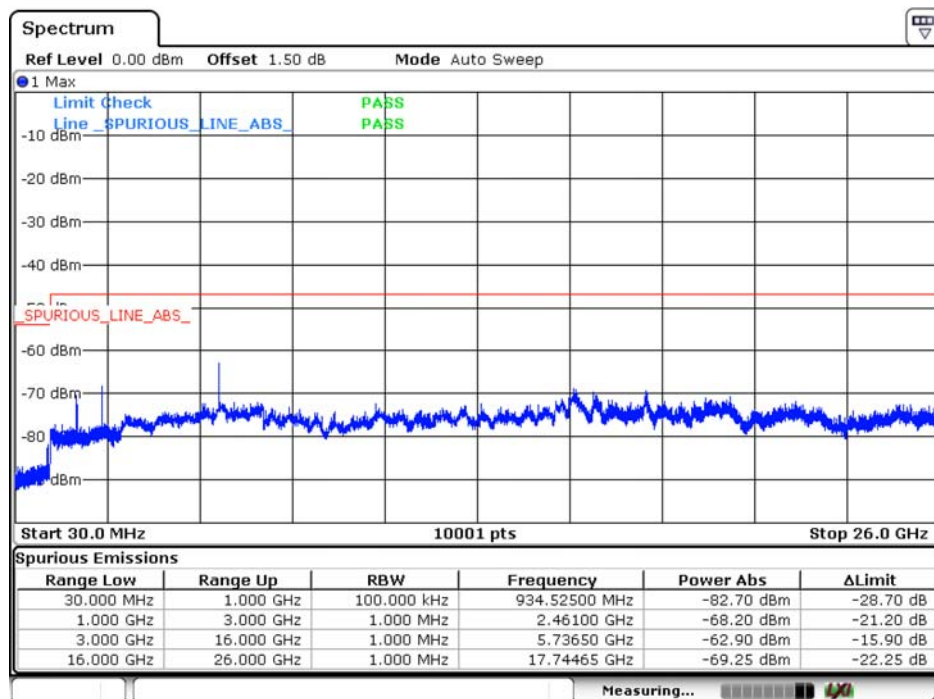
Date: 15.APR.2021 13:06:37

5240MHz_Ant.0



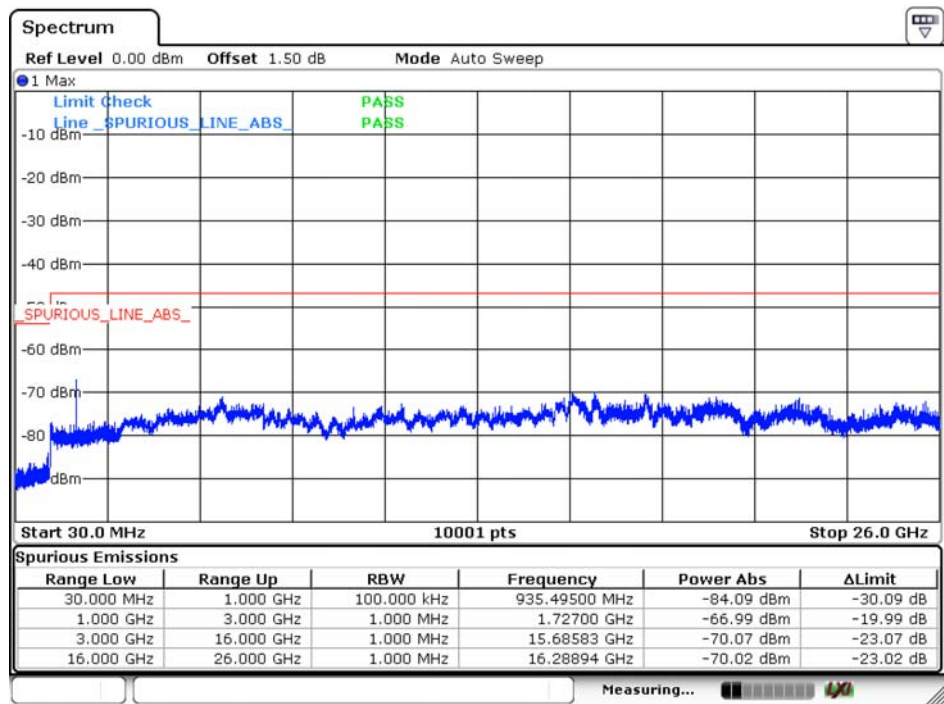
Date: 15.APR.2021 13:08:24

5240MHz_Ant.1



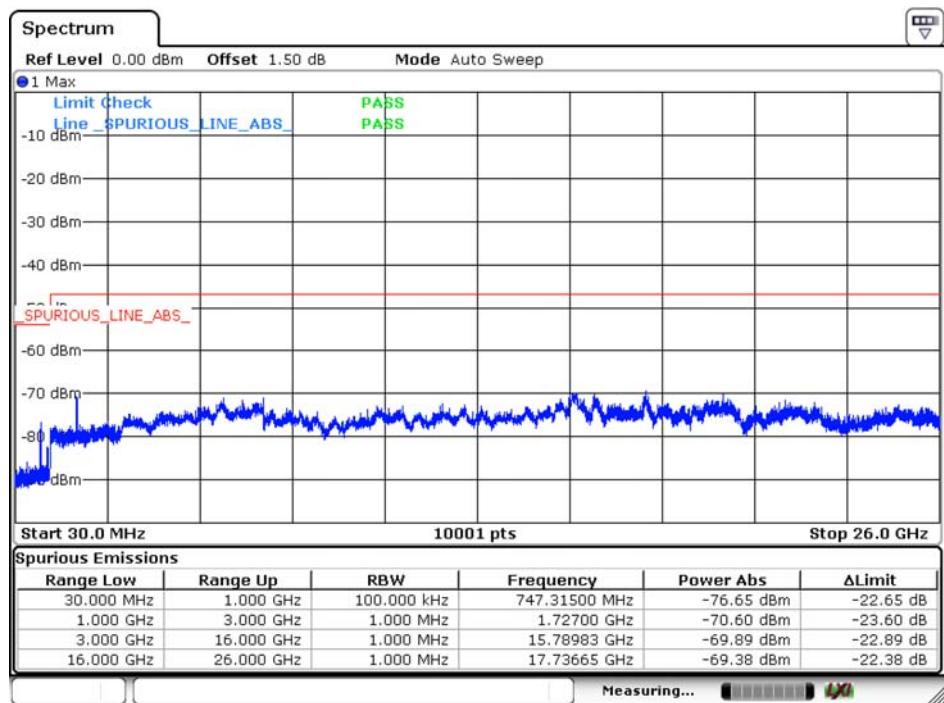
Date: 15.APR.2021 13:08:08

5260MHz_Ant.0



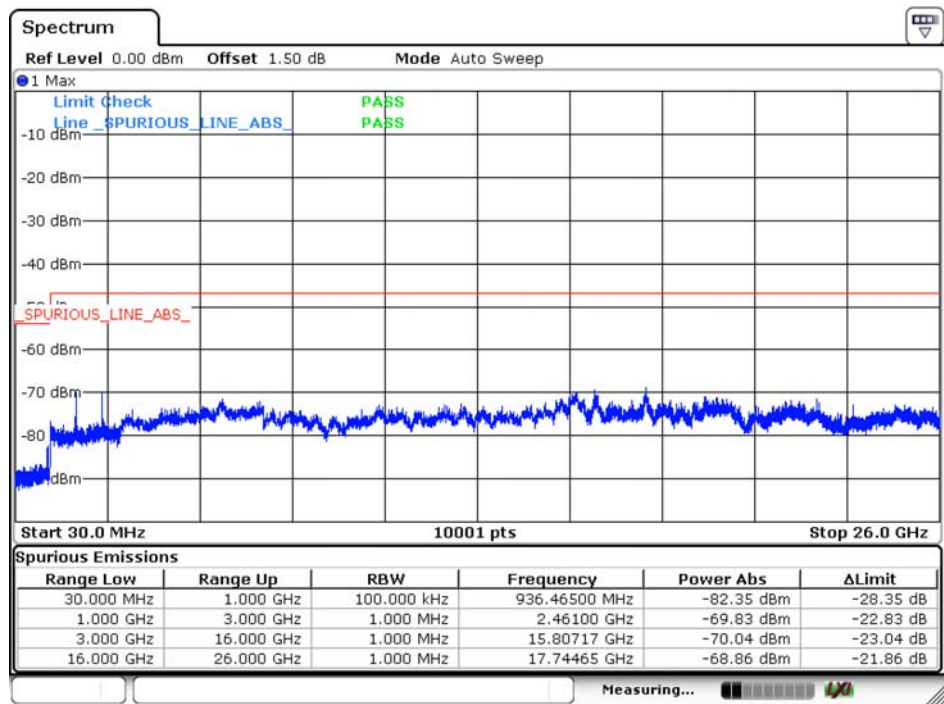
Date: 15.APR.2021 13:09:45

5260MHz_Ant.1



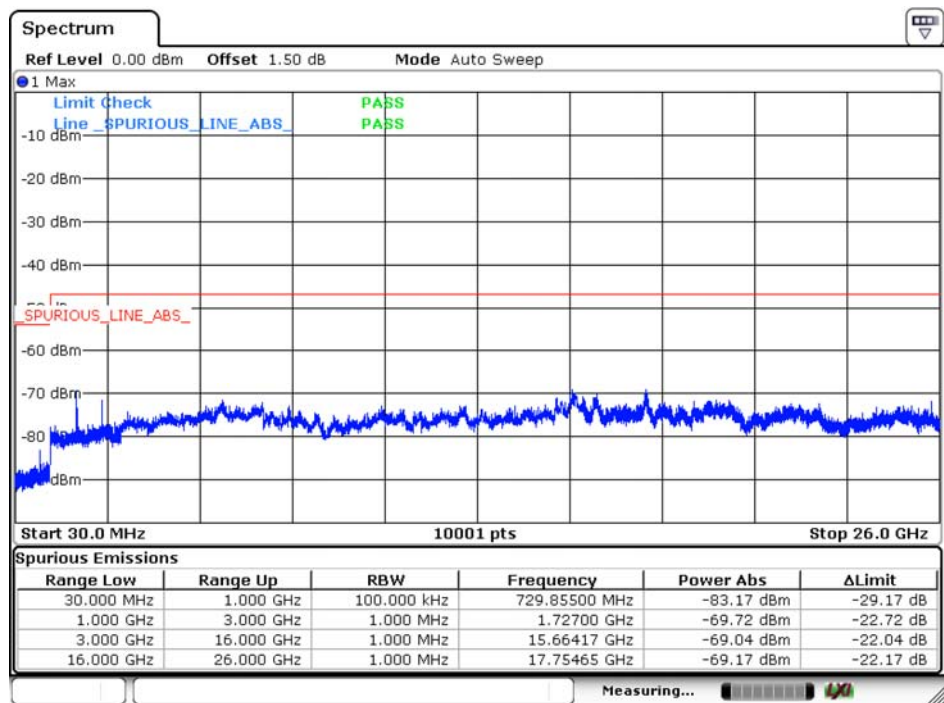
Date: 15.APR.2021 13:09:59

5300MHz_Ant.0



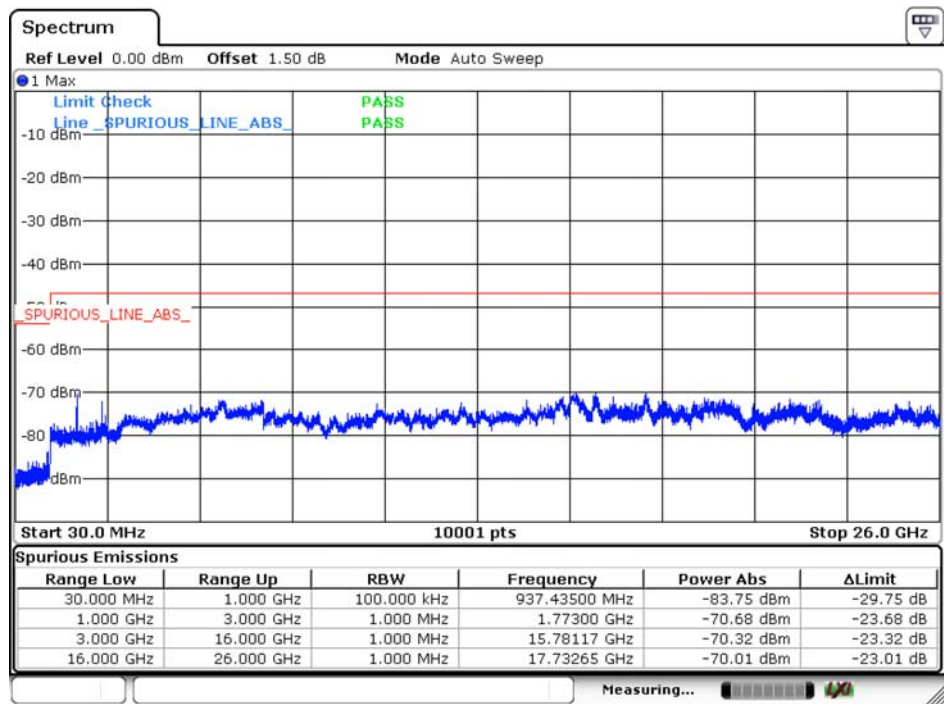
Date: 15.APR.2021 13:10:45

5300MHz_Ant.1



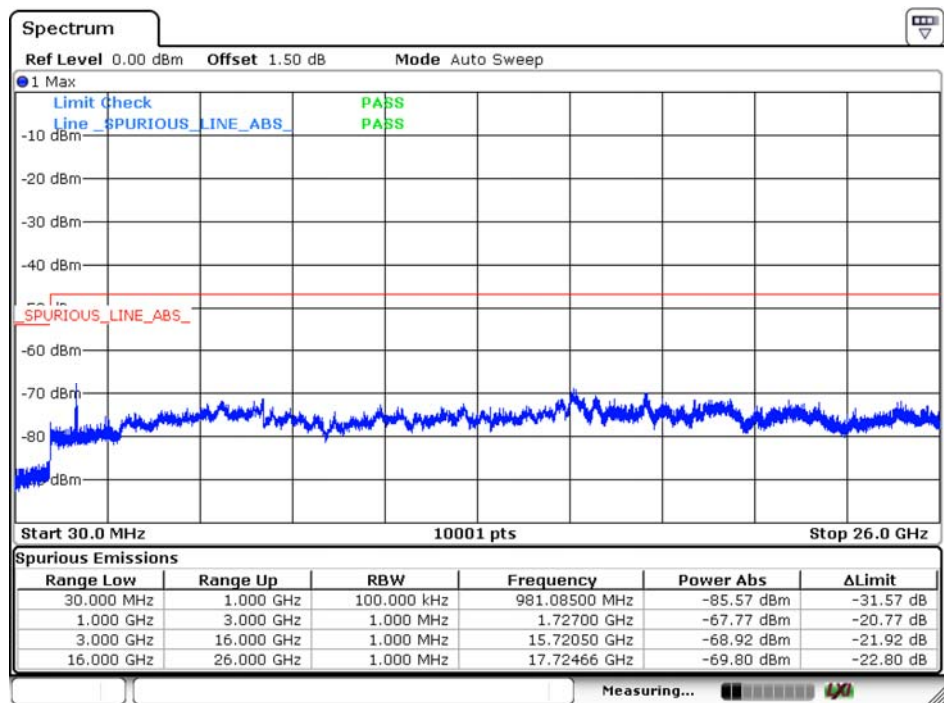
Date: 15.APR.2021 13:10:16

5320MHz_Ant.0



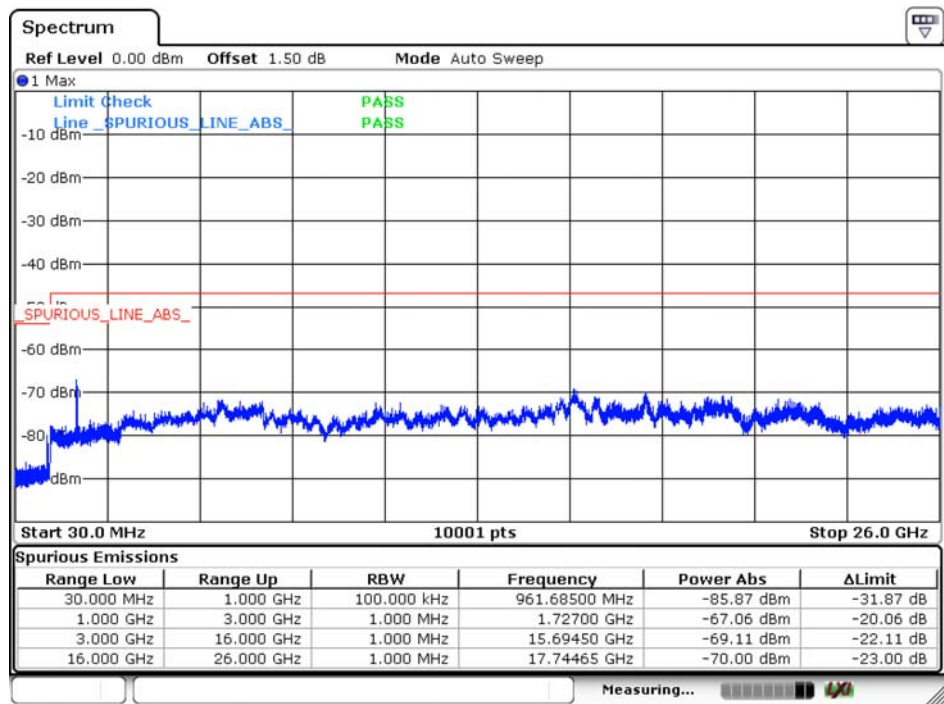
Date: 15.APR.2021 13:11:03

5320MHz_Ant.1



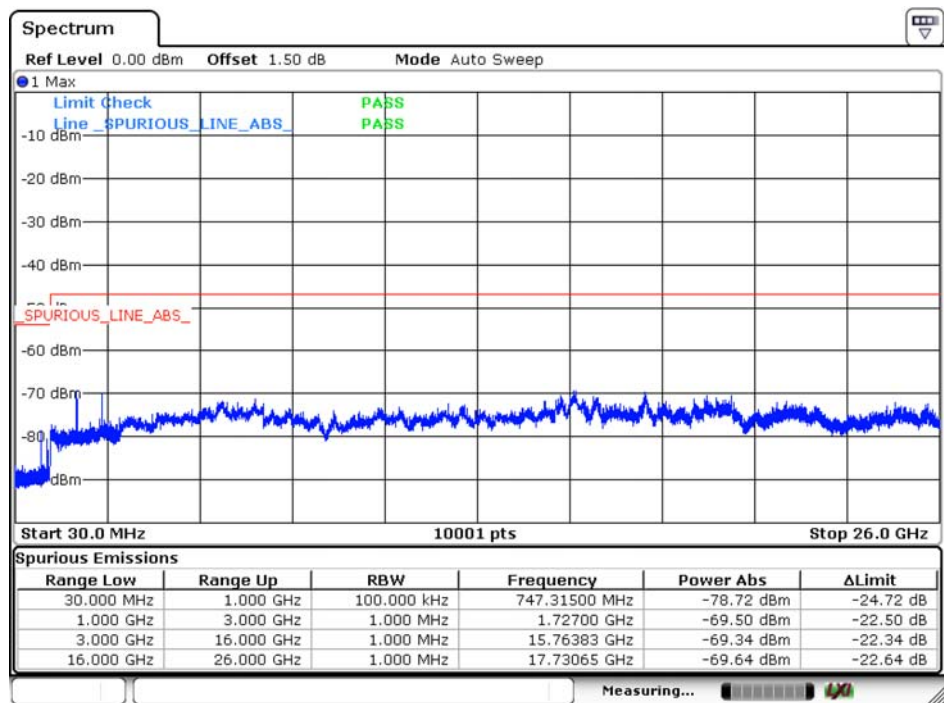
Date: 15.APR.2021 13:11:16

5500MHz_Ant.0



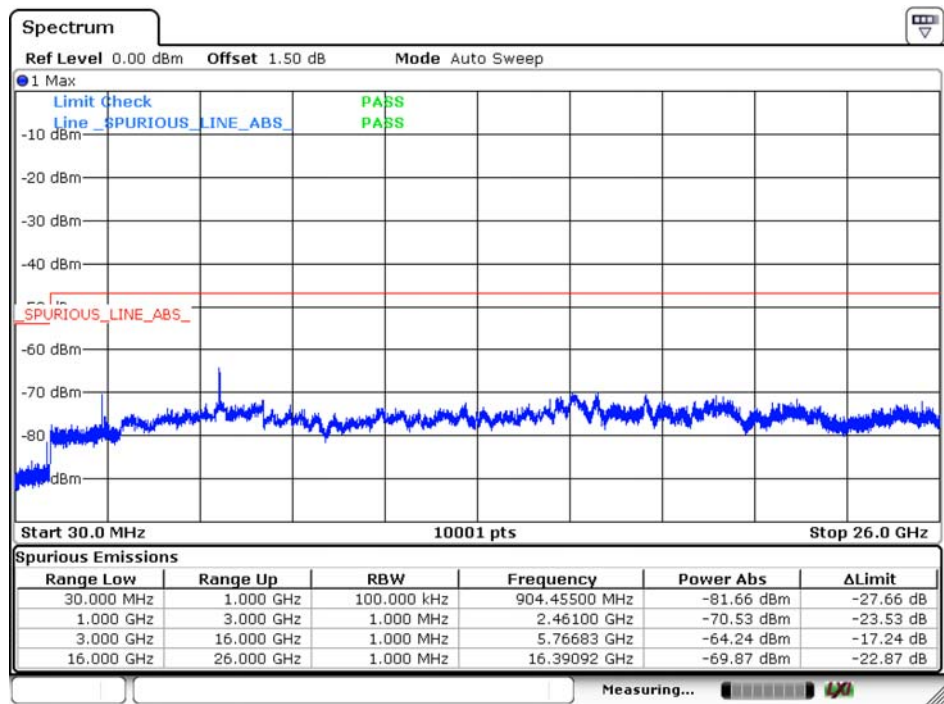
Date: 15.APR.2021 13:12:34

5500MHz_Ant.1



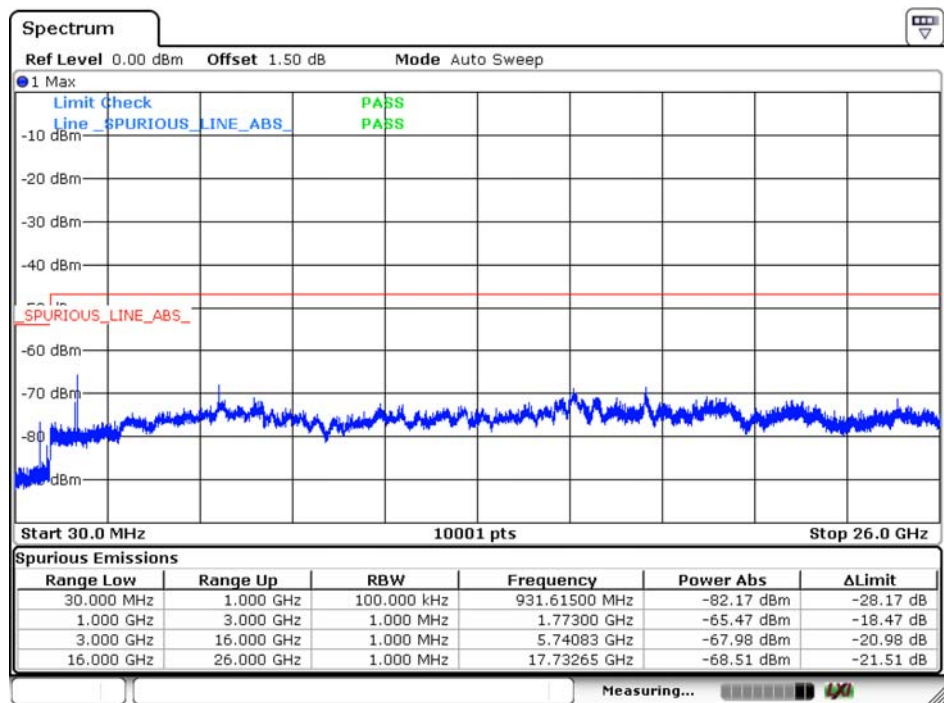
Date: 15.APR.2021 13:12:00

5600MHz_Ant.0



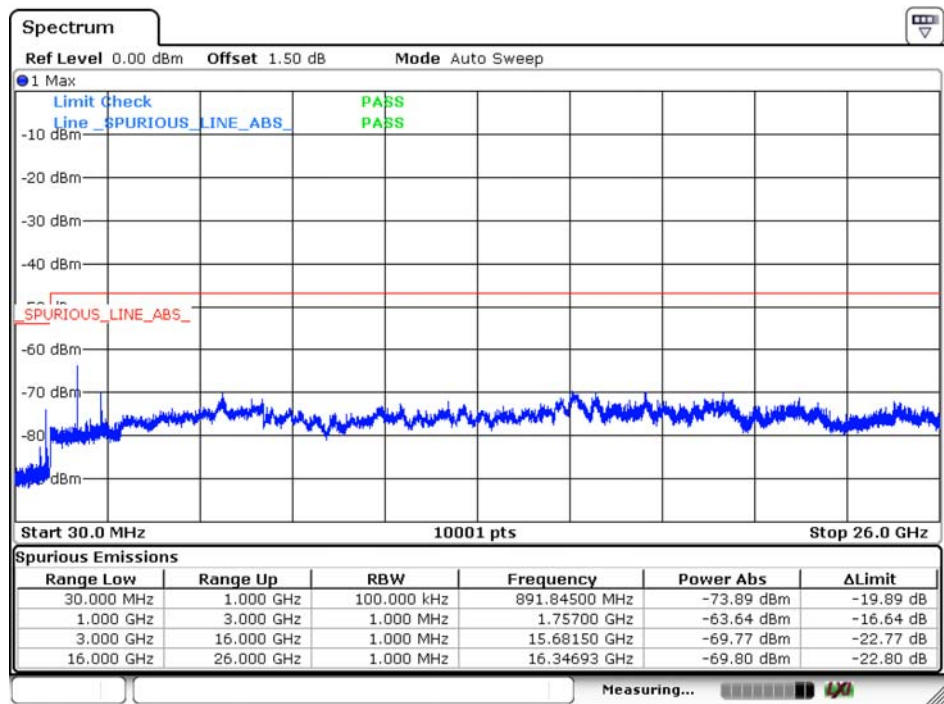
Date: 15.APR.2021 13:19:34

5600MHz_Ant.1



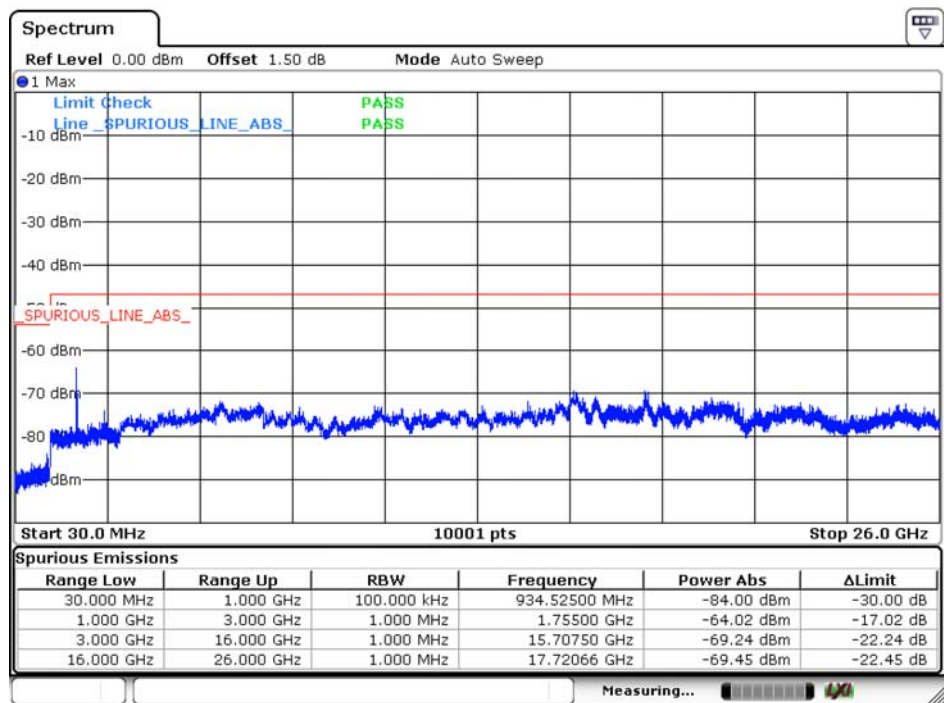
Date: 15.APR.2021 13:19:21

5720MHz_Ant.0



Date: 19.APR.2021 17:27:23

5720MHz_Ant.1

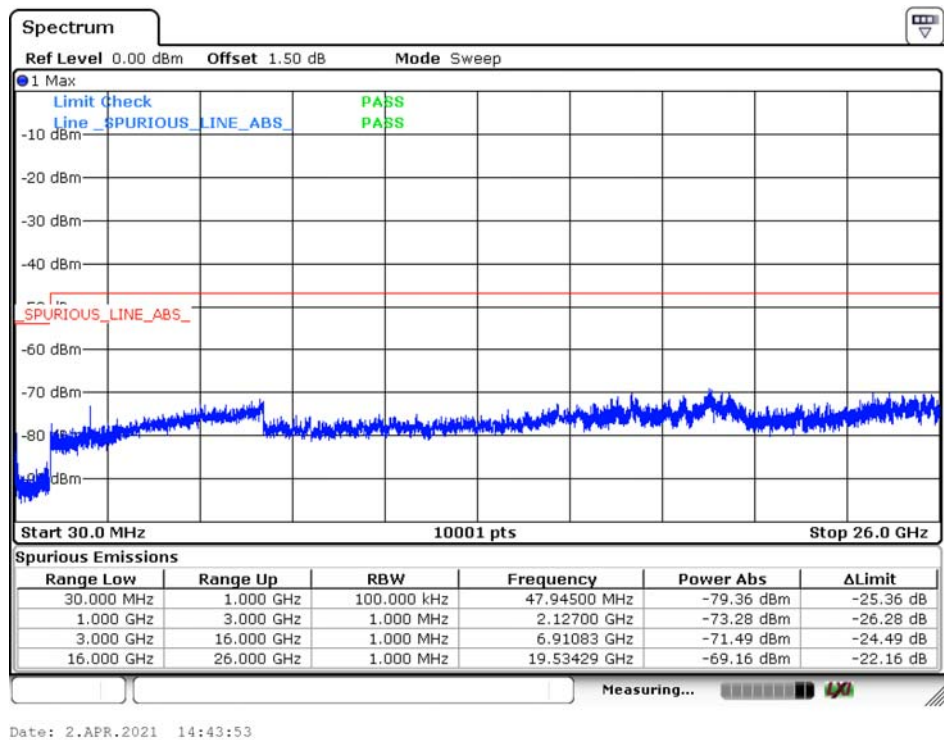


Date: 19.APR.2021 17:27:43

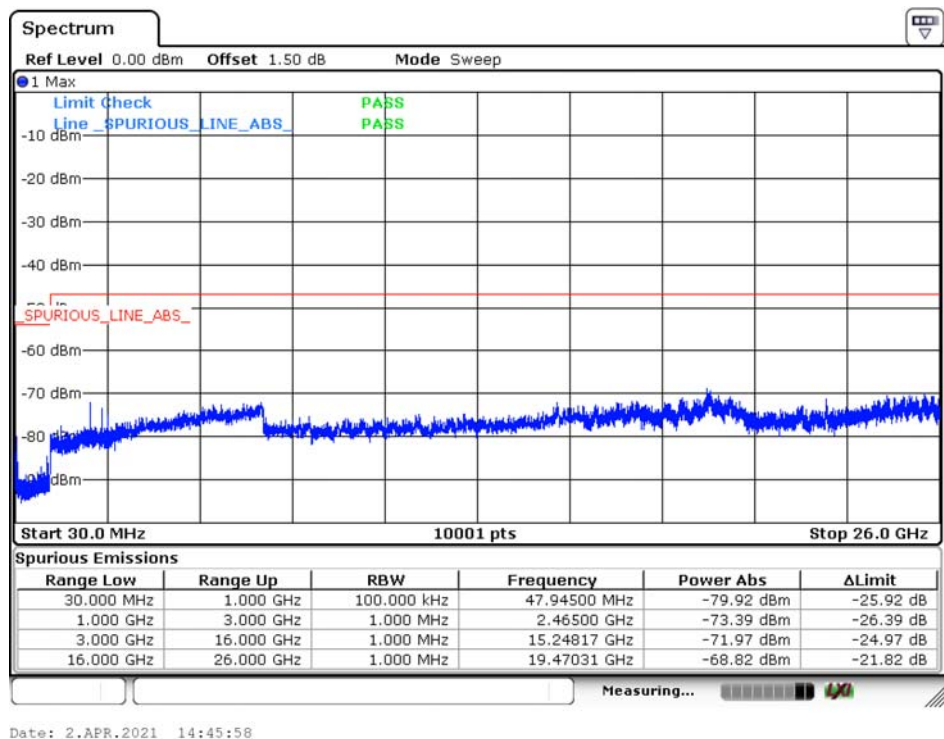
Product	Wireless LAN Access Point		
Test Item	Receiver Spurious Emissions		
Test Mode	Mode 2: Receive		
Date of Test	2021/04/02 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	60

Test Mode: 802.11ac(20MHz)	
Frequency (MHz)	Test Result
5180	PASS
5220	PASS
5240	PASS
5260	PASS
5300	PASS
5320	PASS
5500	PASS
5600	PASS
5720	PASS

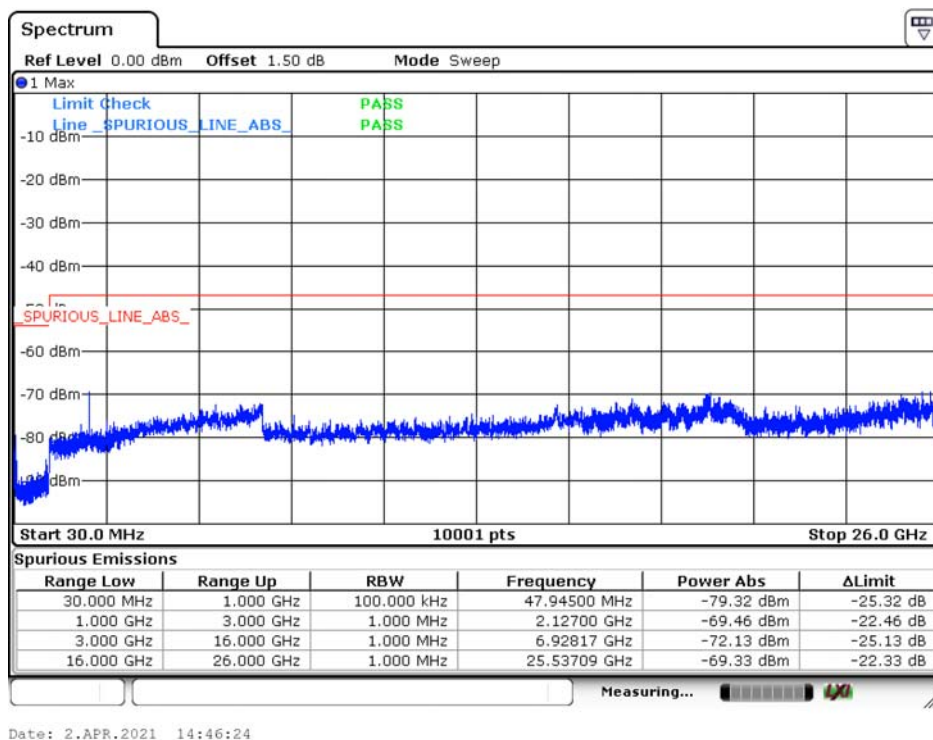
5180MHz_Ant.0



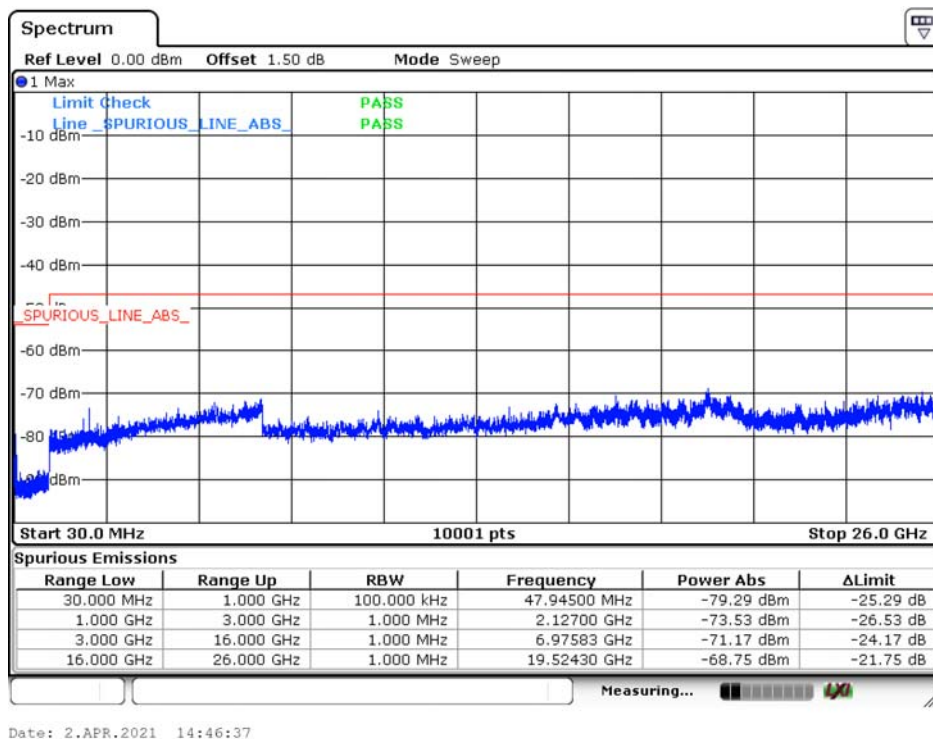
5180MHz_Ant.1



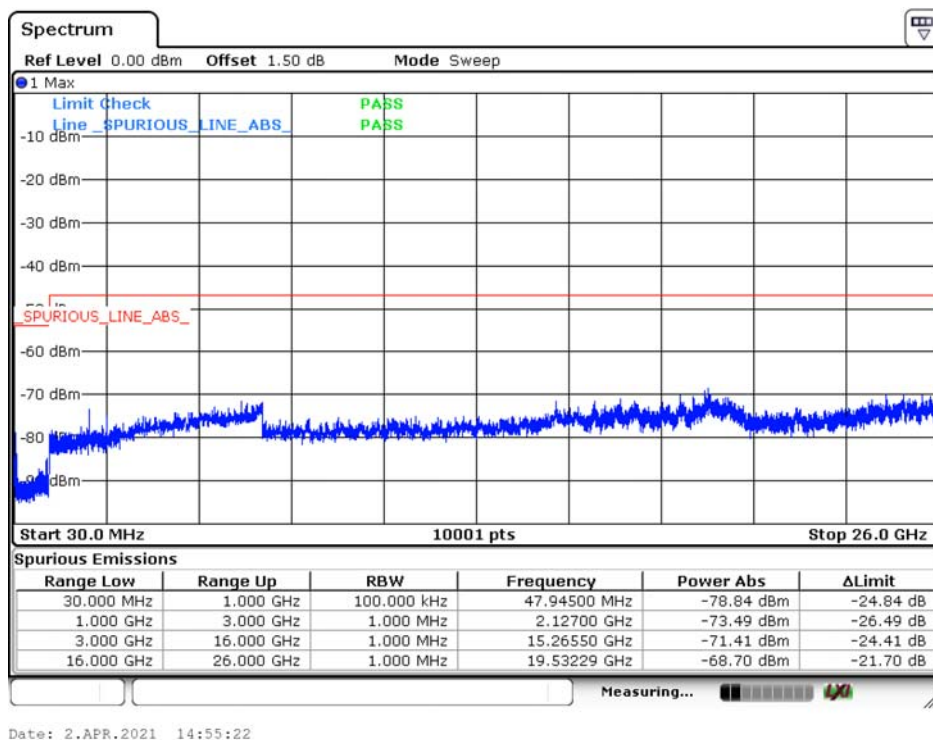
5220MHz_Ant.0



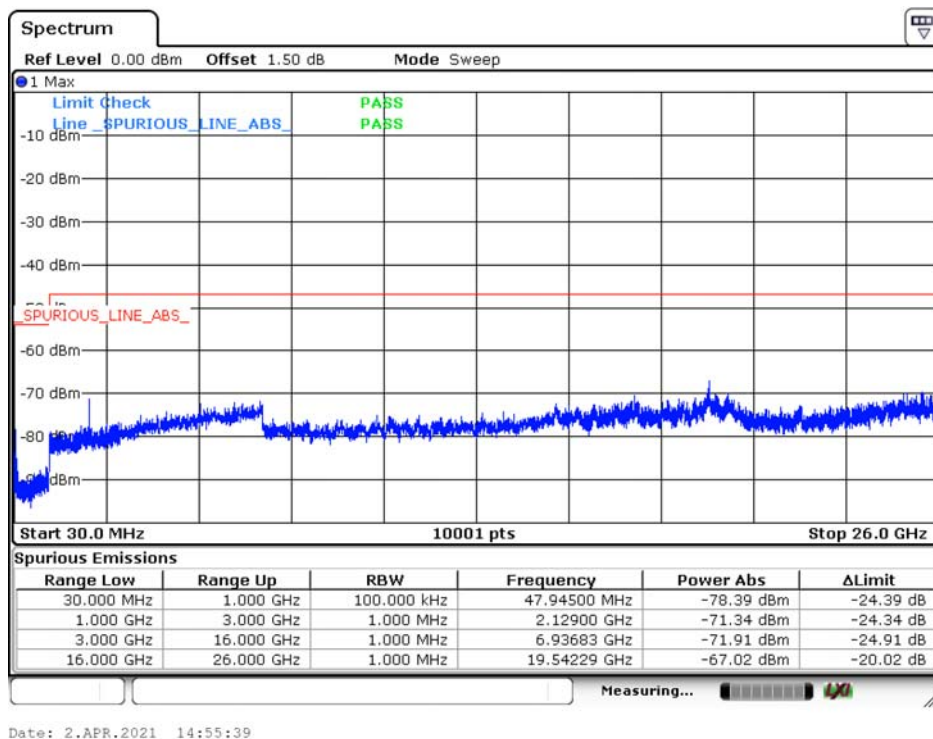
5220MHz_Ant.1



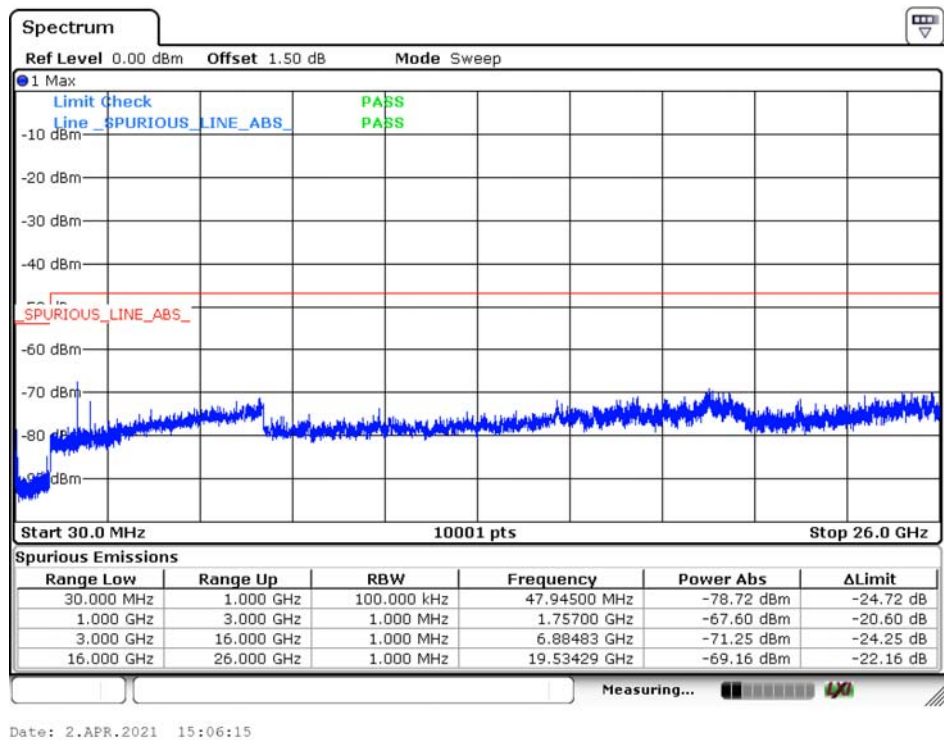
5240MHz_Ant.0



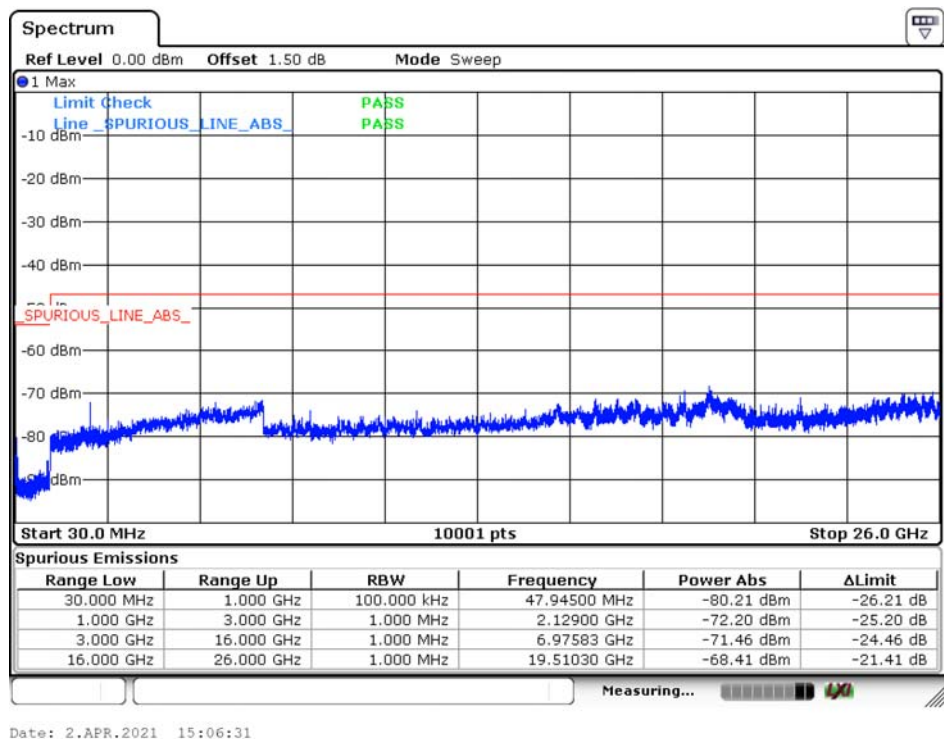
5240MHz_Ant.1



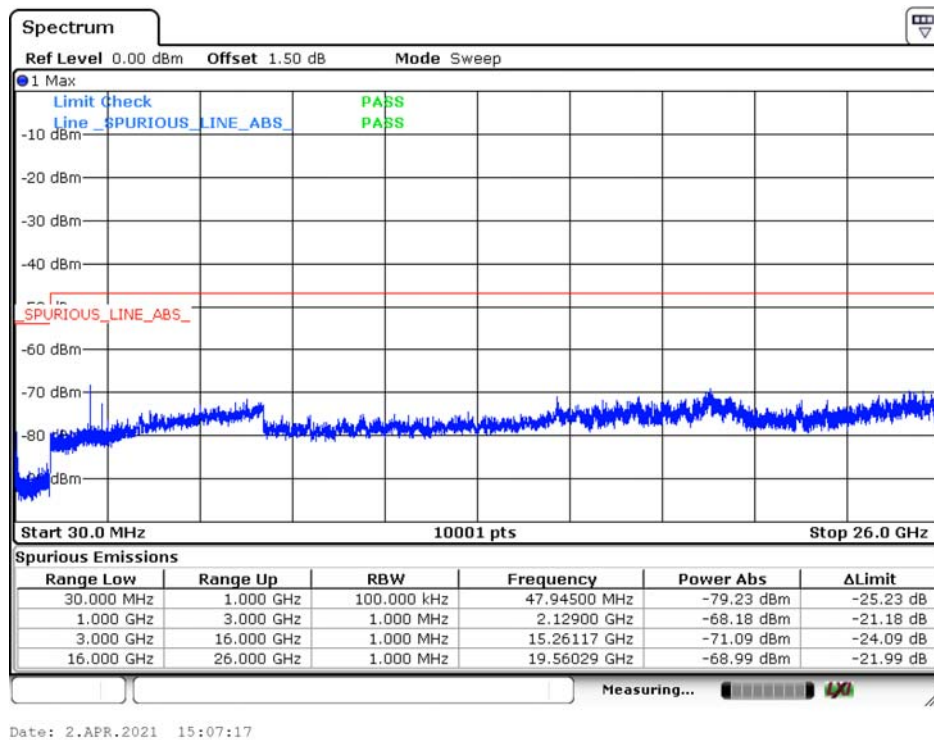
5260MHz_Ant.0



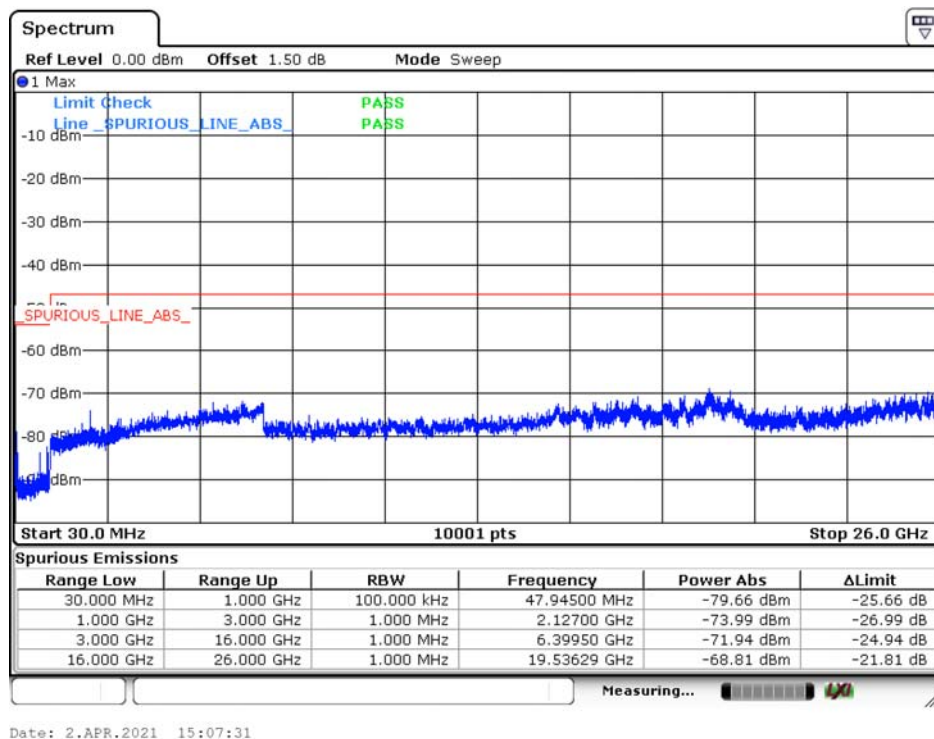
5260MHz_Ant.1



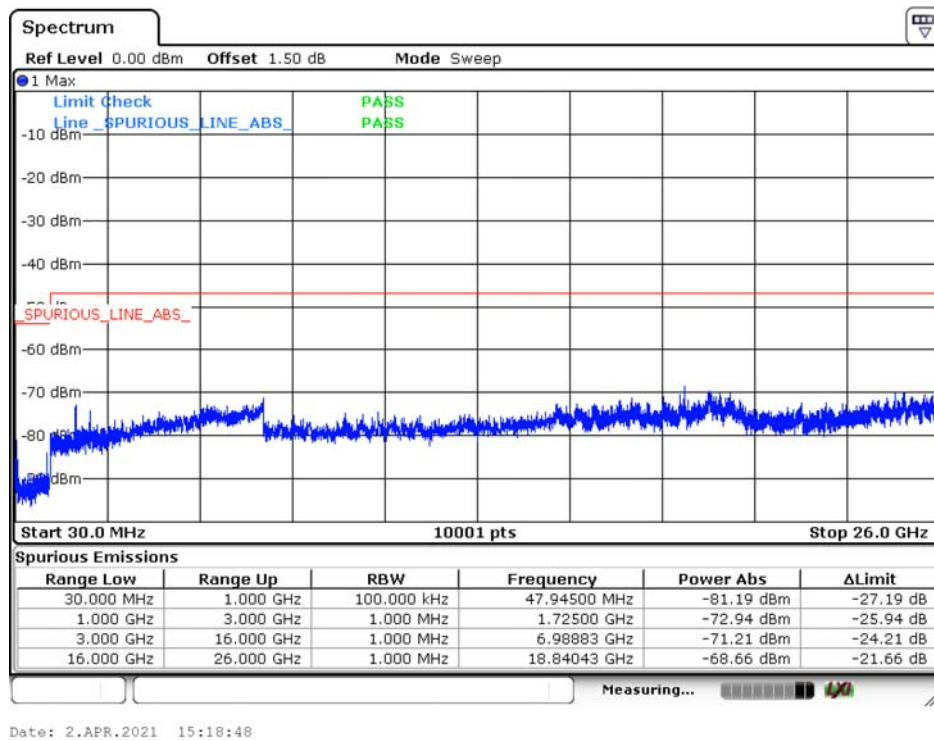
5300MHz_Ant.0



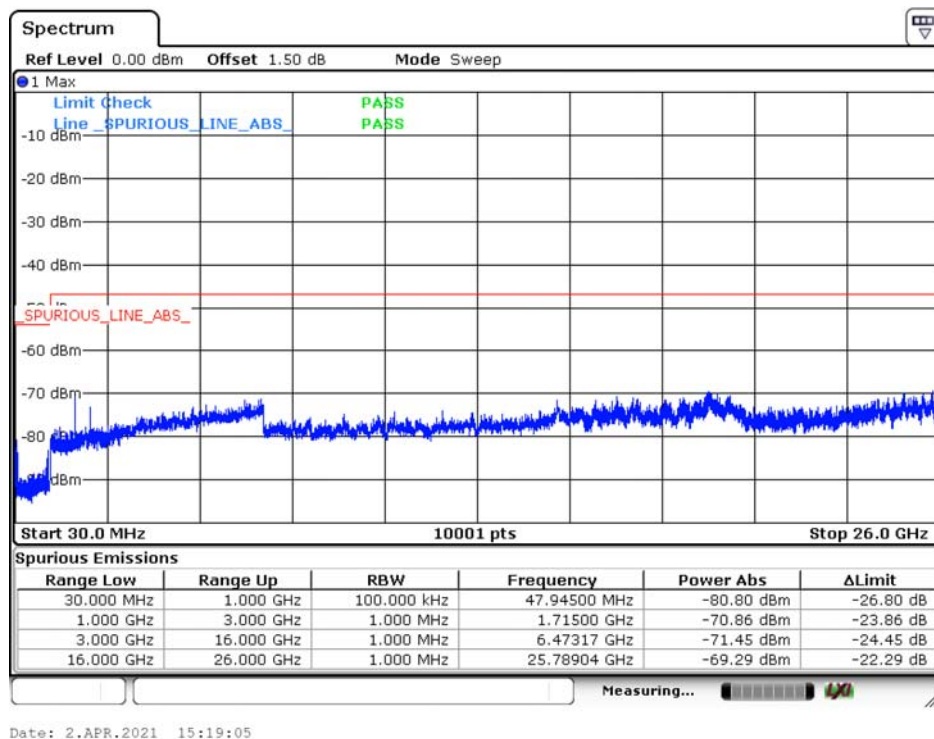
5300MHz_Ant.1



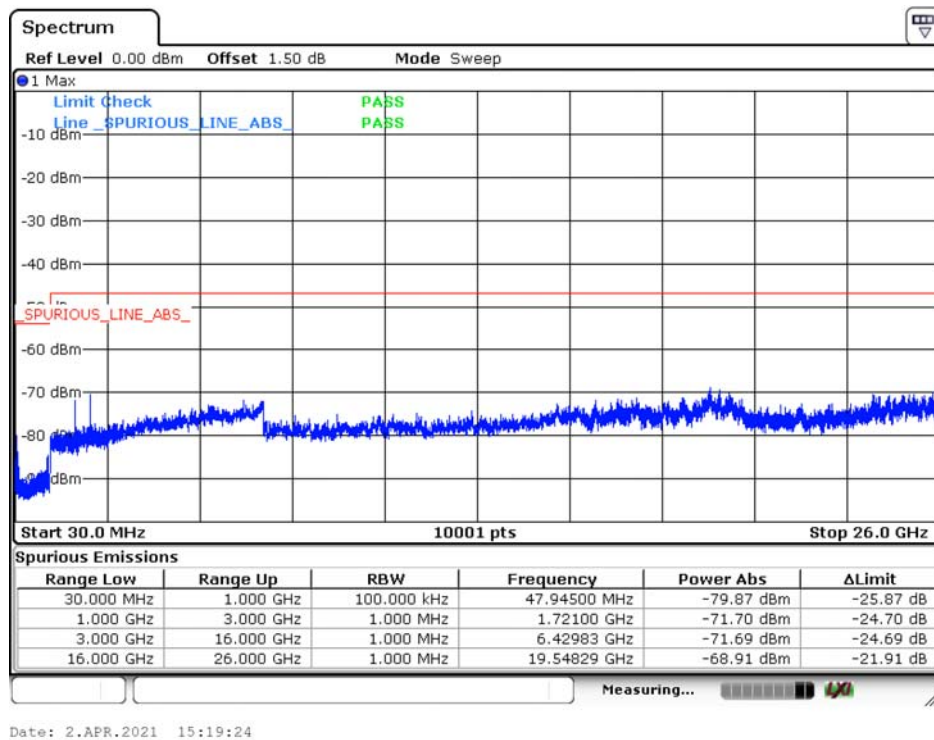
5320MHz_Ant.0



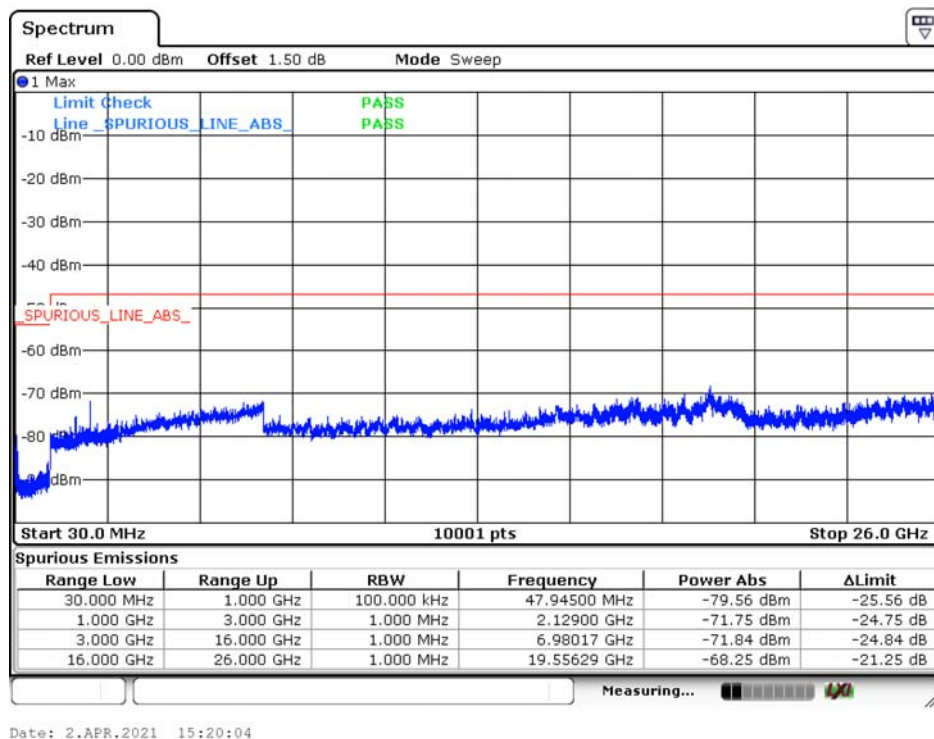
5320MHz_Ant.1



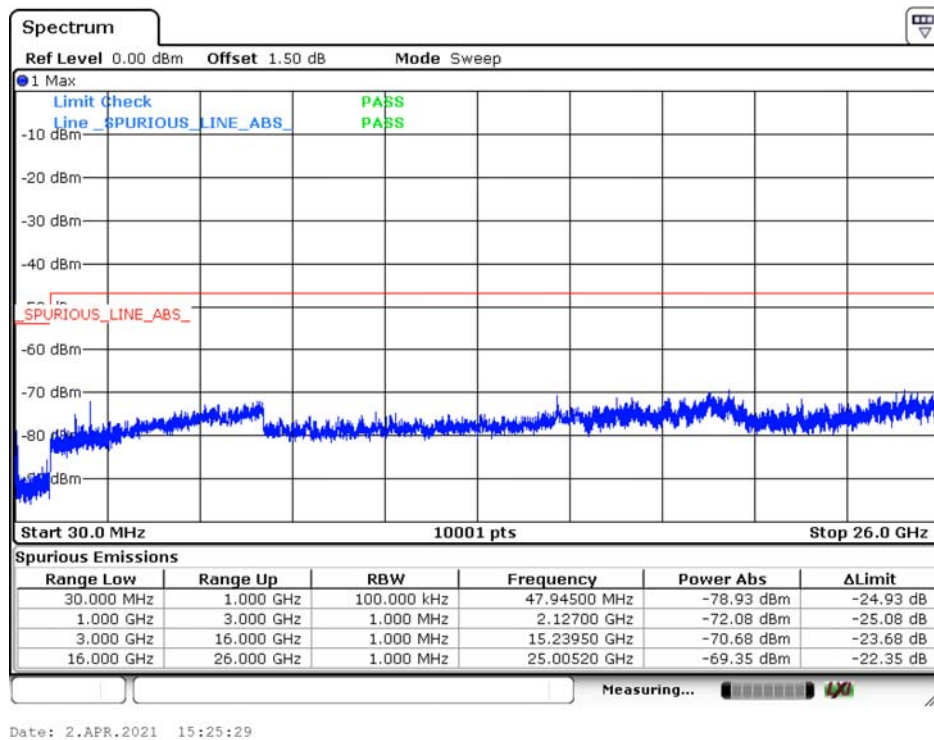
5500MHz_Ant.0



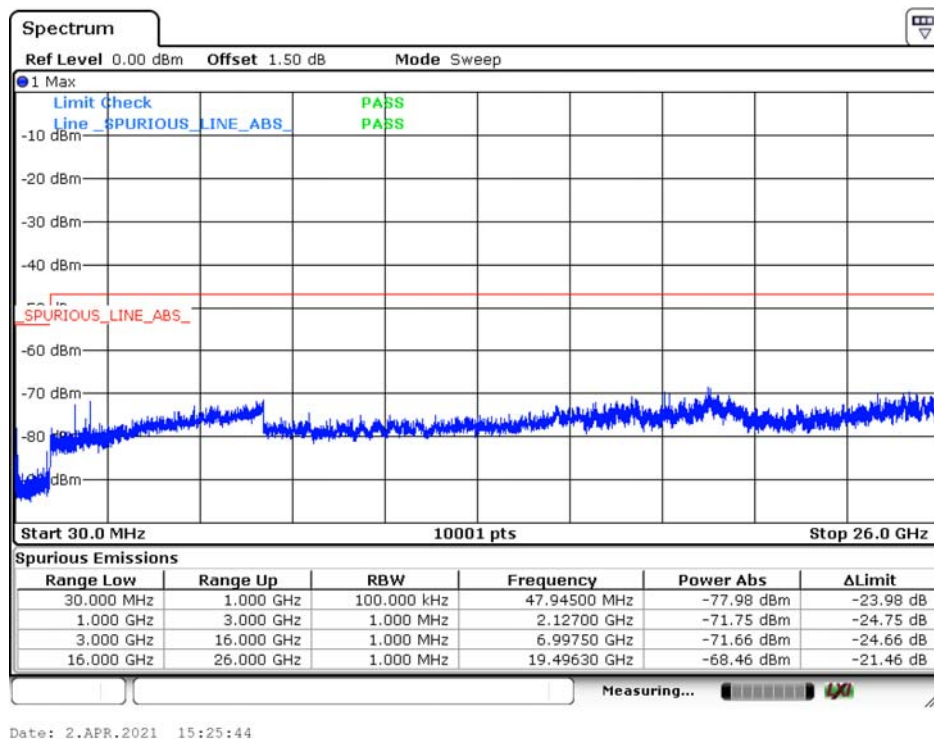
5500MHz_Ant.1



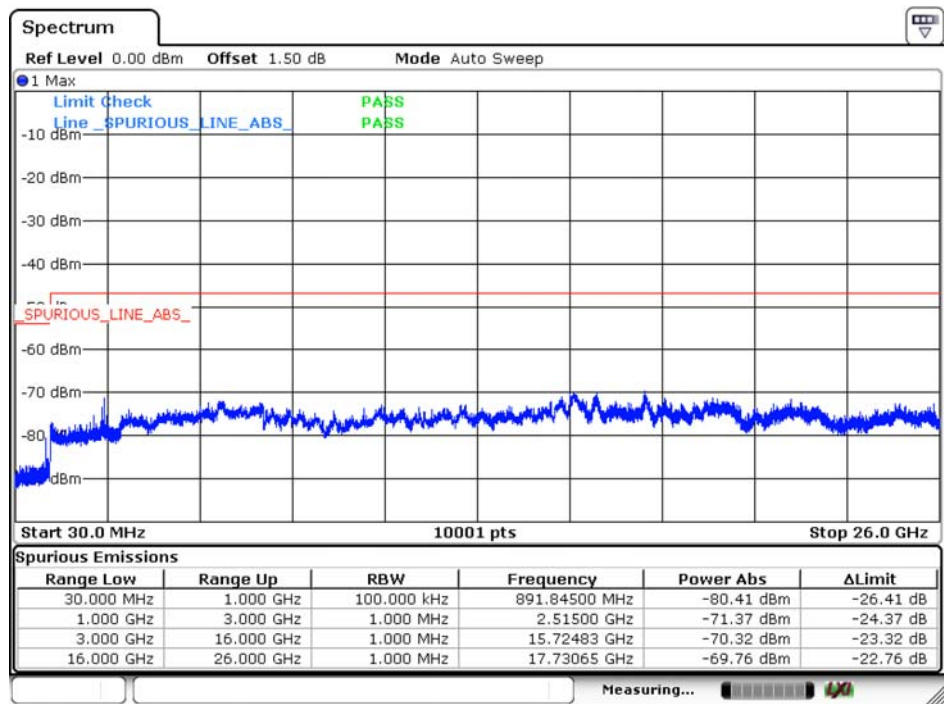
5600MHz_Ant.0



5600MHz_Ant.1

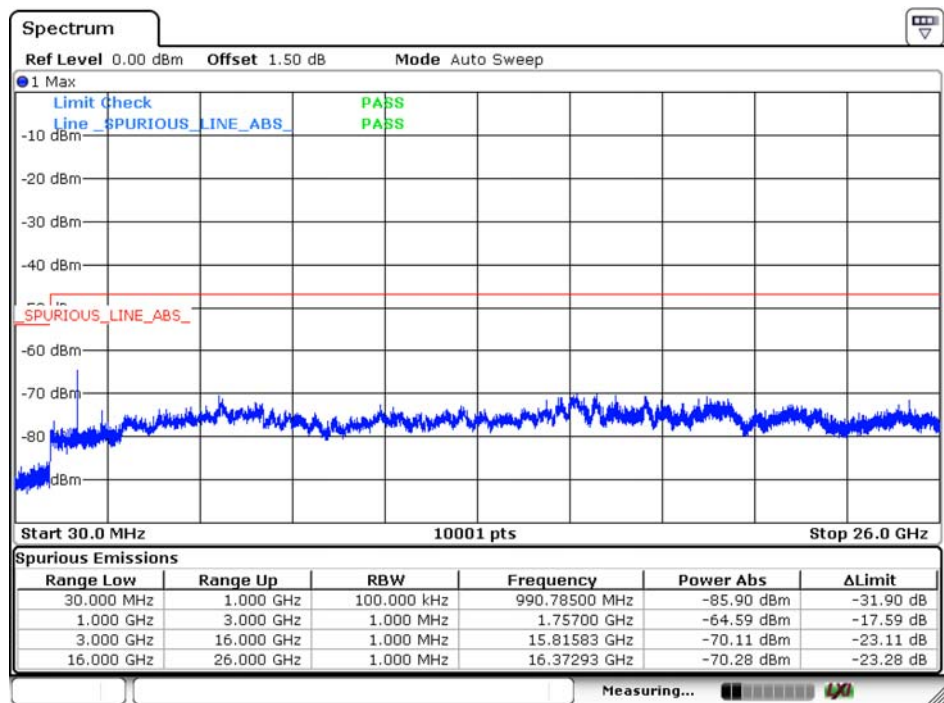


5720MHz_Ant.0



Date: 19.APR.2021 17:28:25

5720MHz_Ant.1

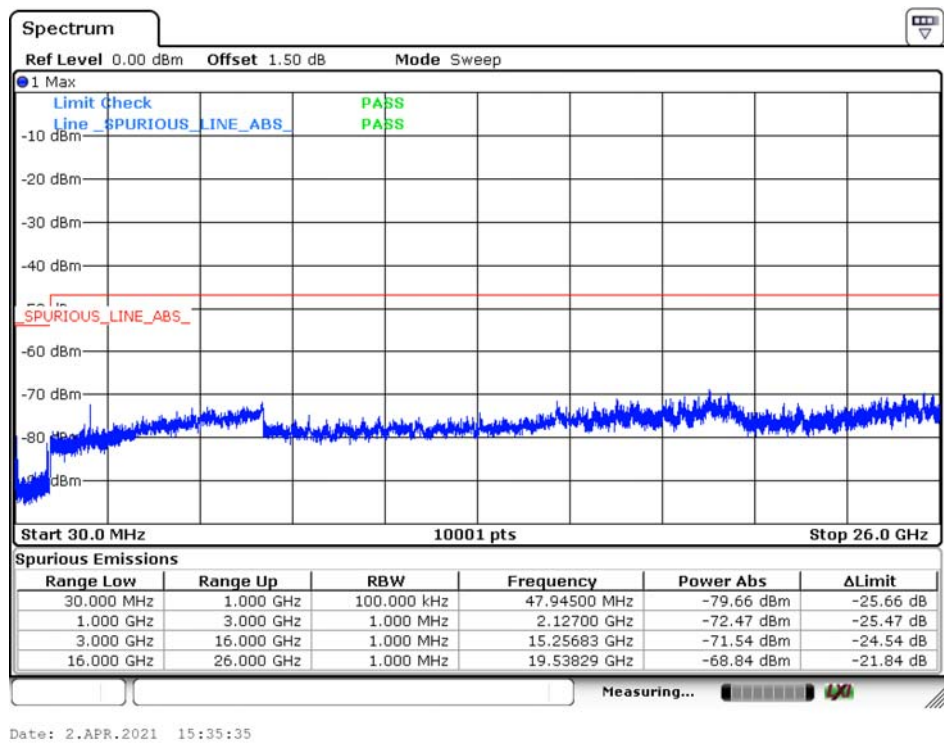


Date: 19.APR.2021 17:28:09

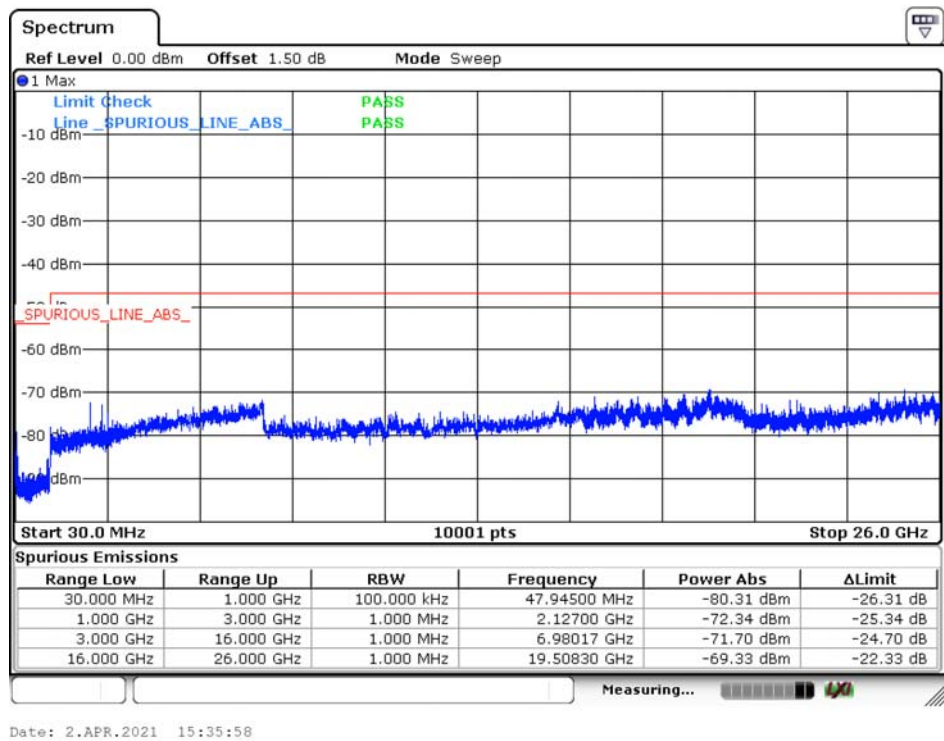
Product	Wireless LAN Access Point		
Test Item	Receiver Spurious Emissions		
Test Mode	Mode 2: Receive		
Date of Test	2021/04/02 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	60

Test Mode: IEEE 802.11ac(40MHz)	
Frequency (MHz)	Test Result
5190	PASS
5230	PASS
5270	PASS
5310	PASS
5510	PASS
5590	PASS
5710	PASS

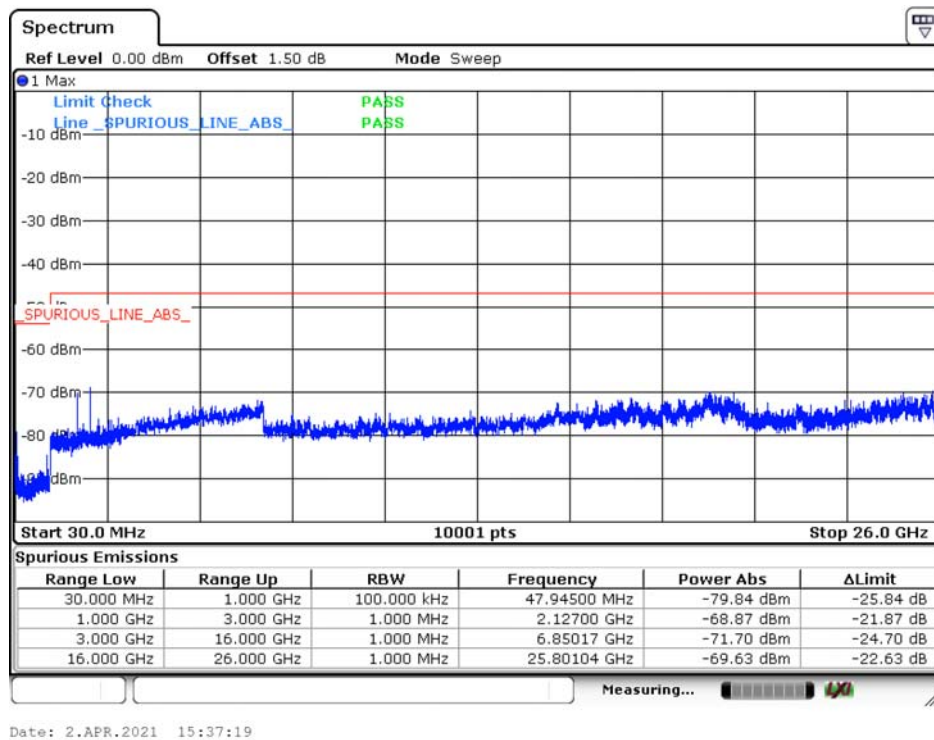
5190MHz_Ant.0



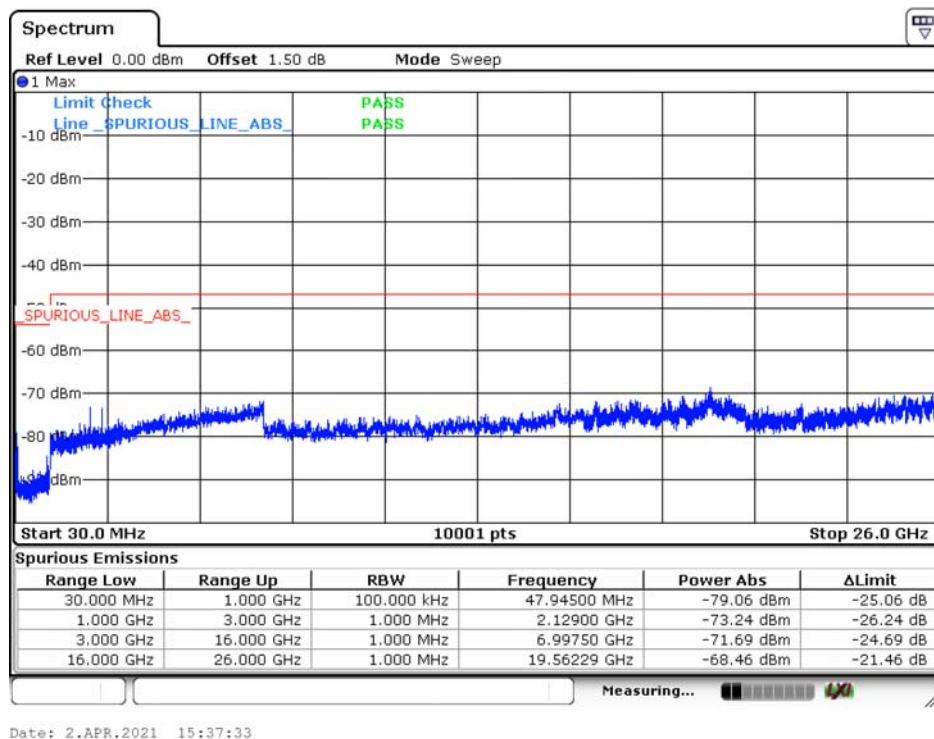
5190MHz_Ant.1



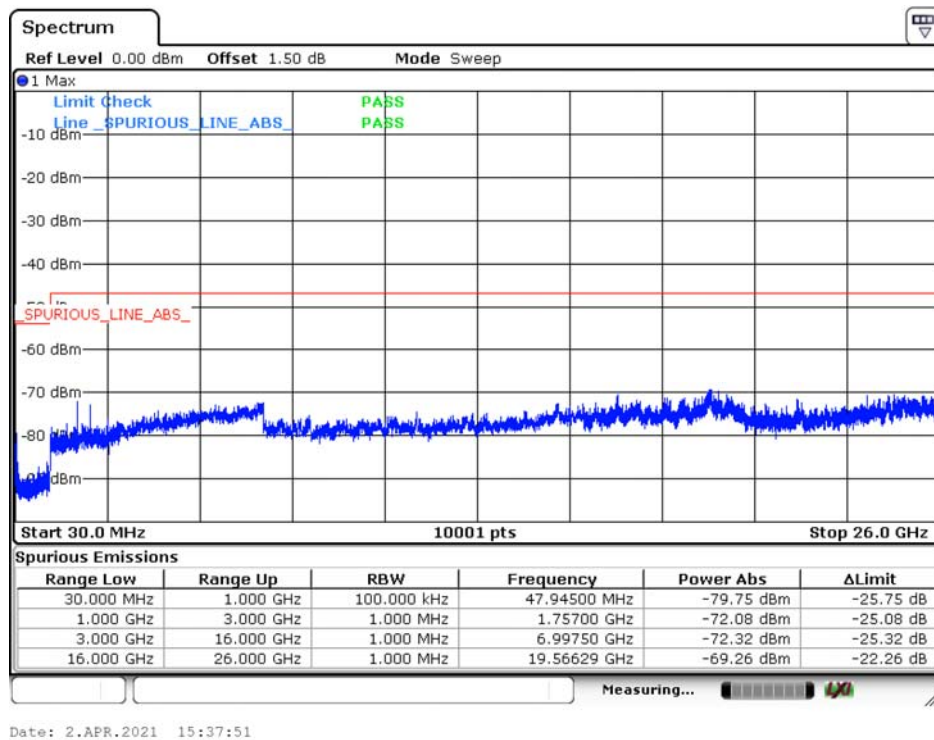
5230MHz_Ant.0



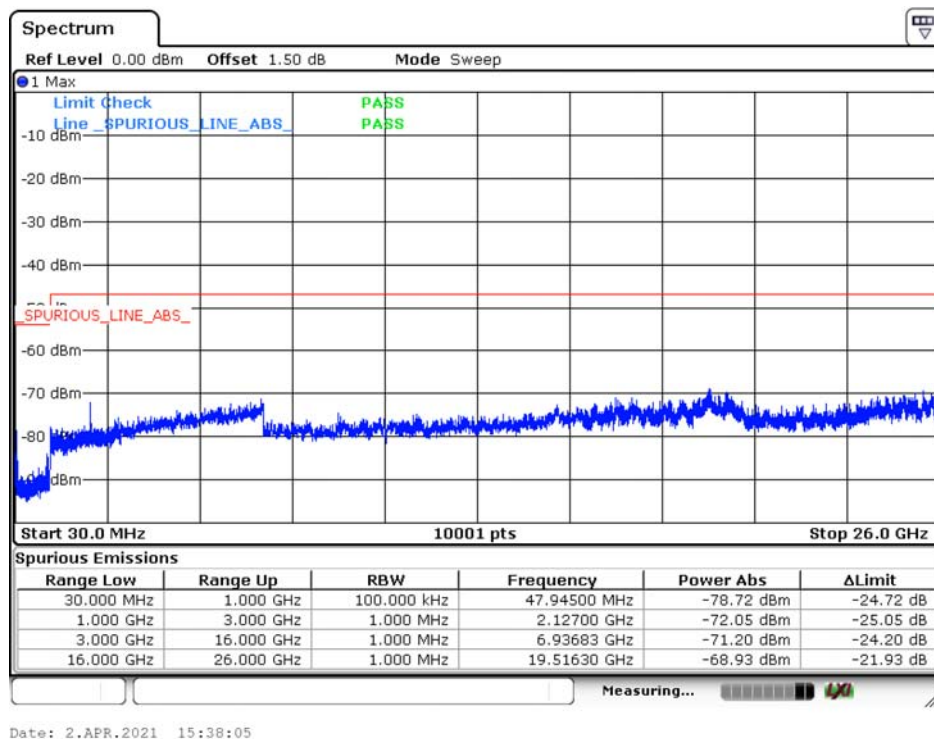
5230MHz_Ant.1



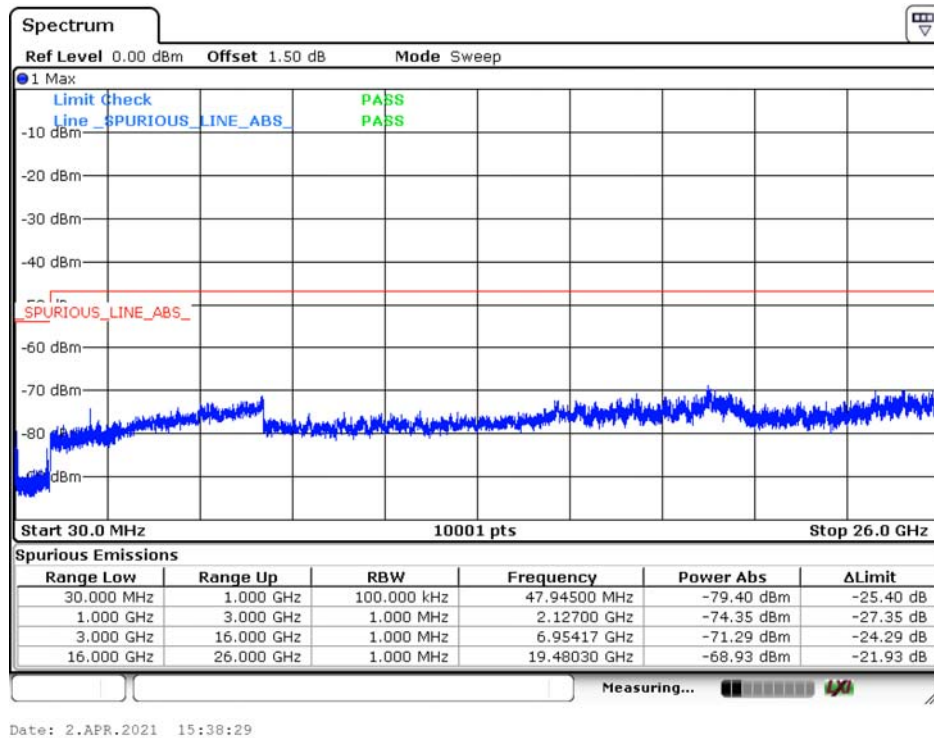
5270MHz_Ant.0



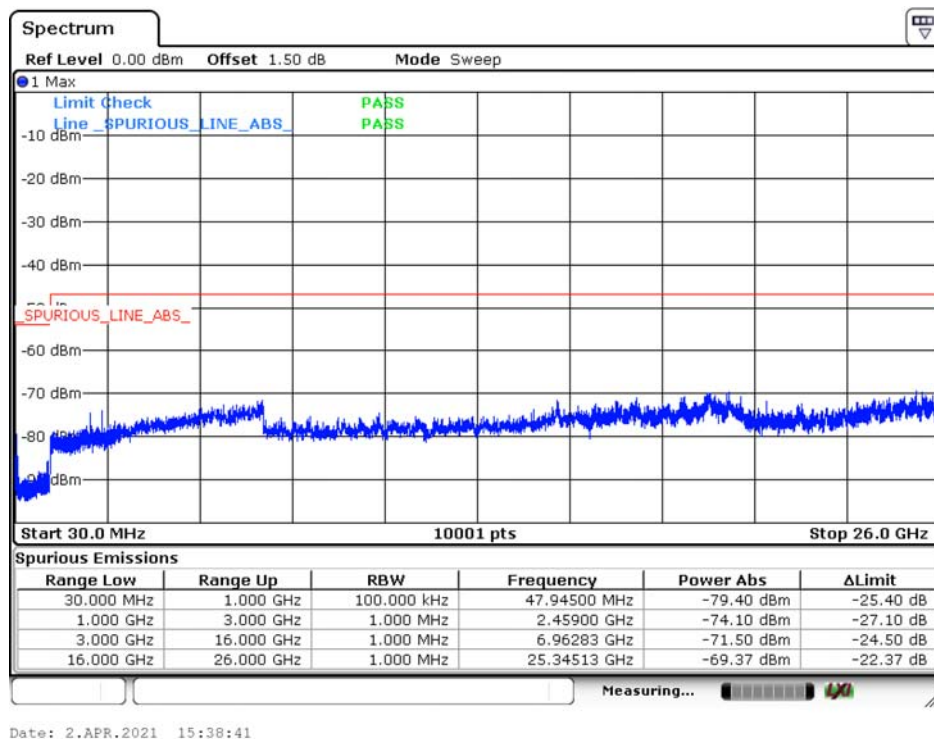
5270MHz_Ant.1



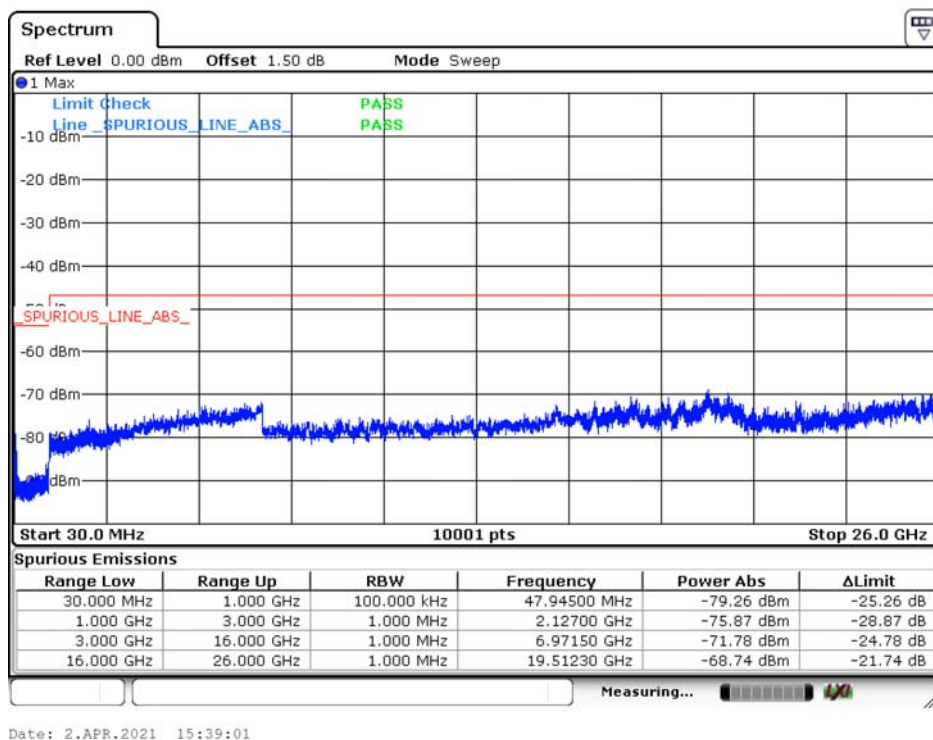
5310MHz_Ant.0



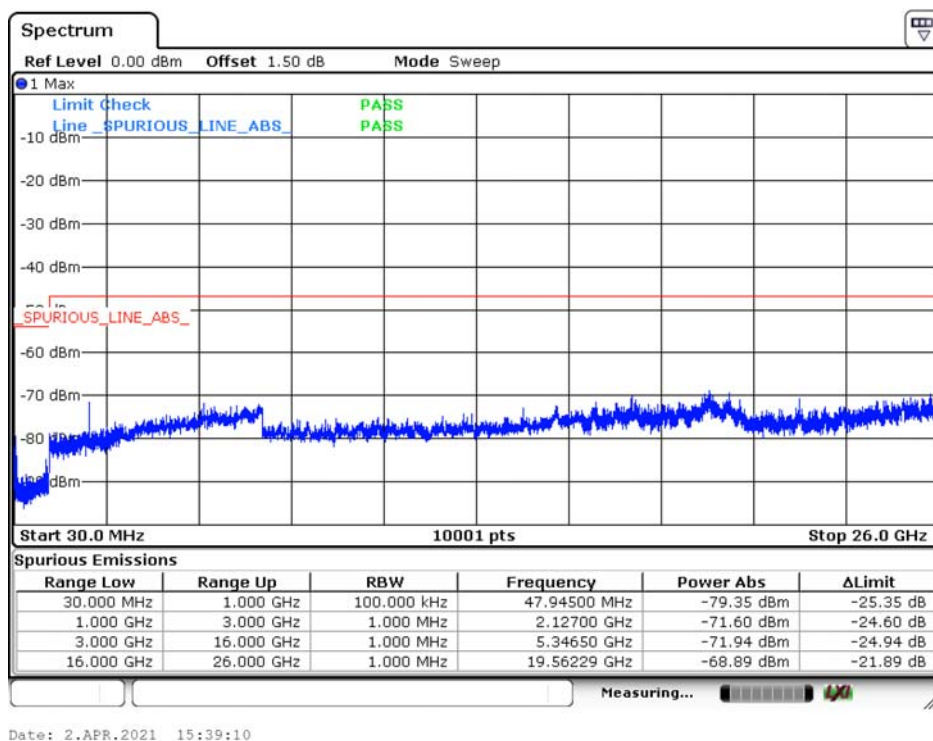
5310MHz_Ant.1



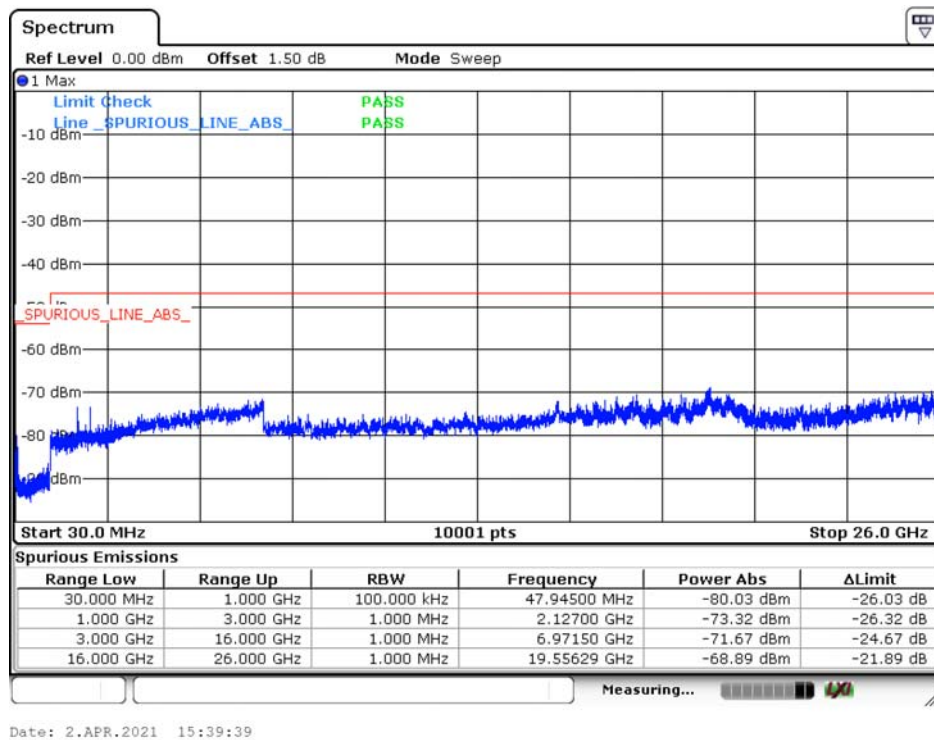
5510MHz_Ant.0



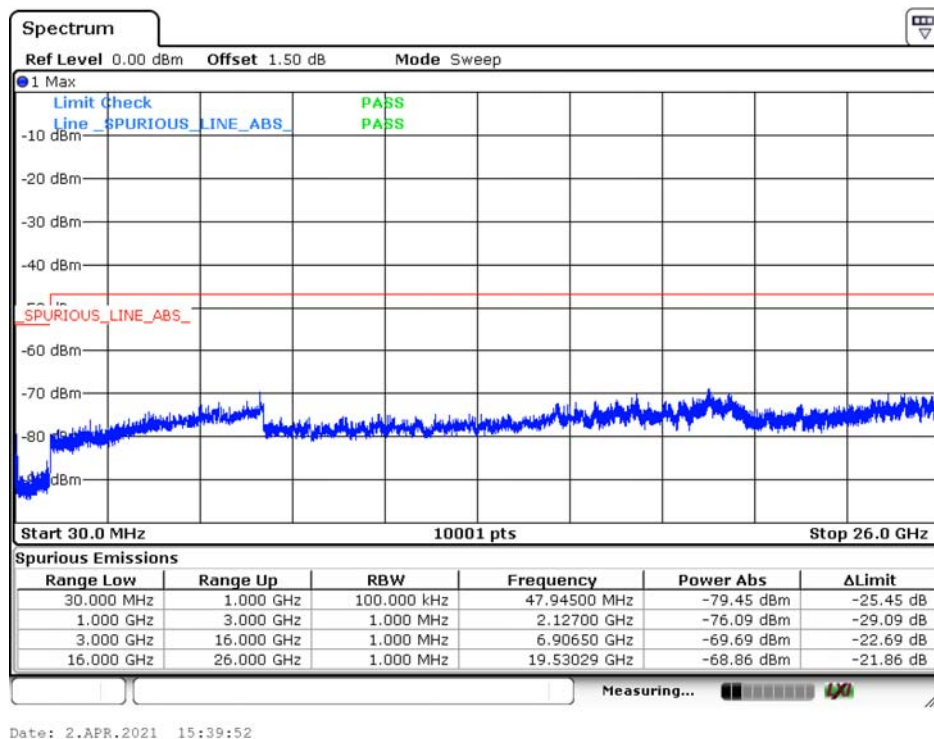
5510MHz_Ant.1



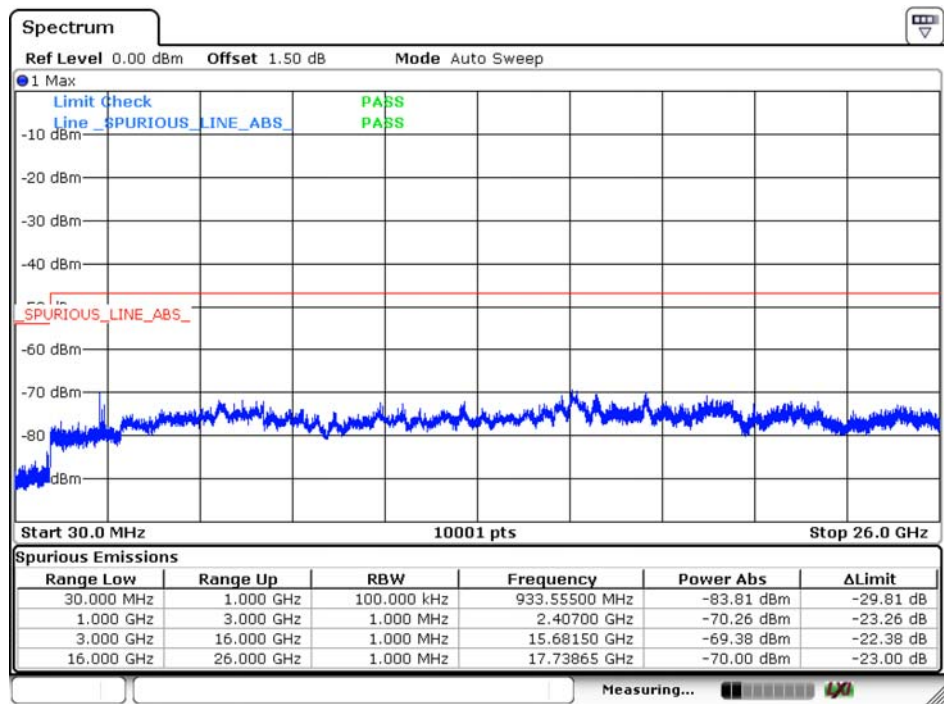
5590MHz_Ant.0



5590MHz_Ant.1

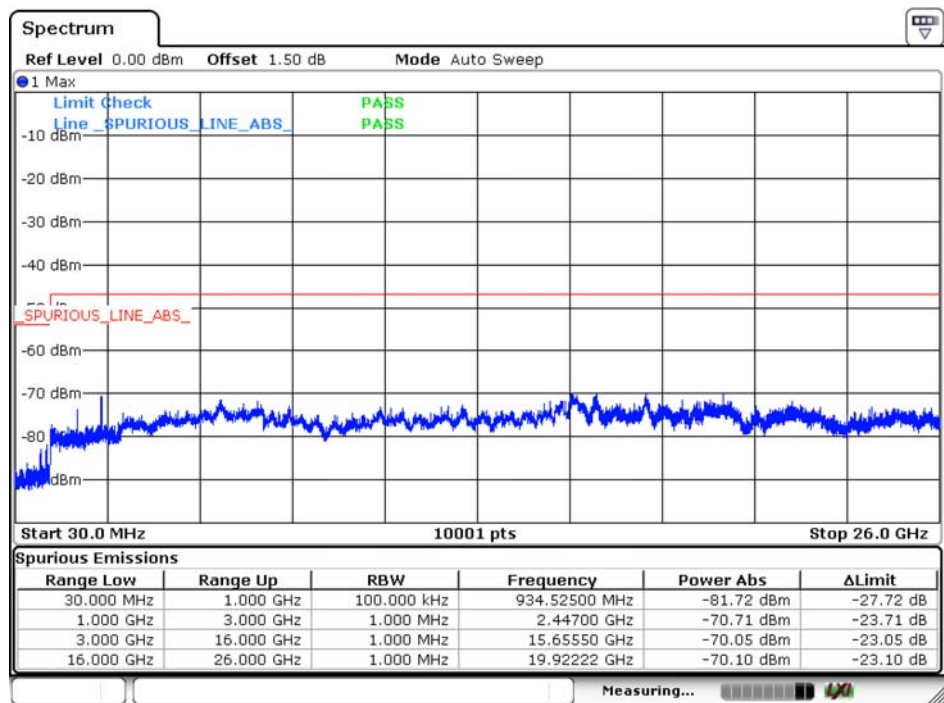


5710MHz_Ant.0



Date: 19.APR.2021 17:28:53

5710MHz_Ant.1

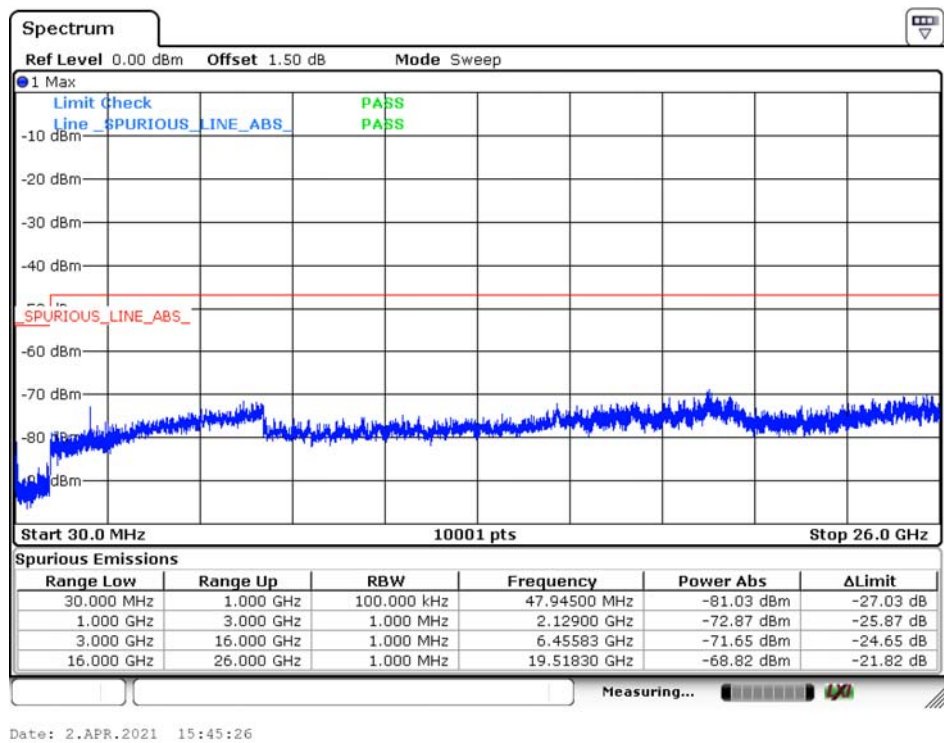


Date: 19.APR.2021 17:29:09

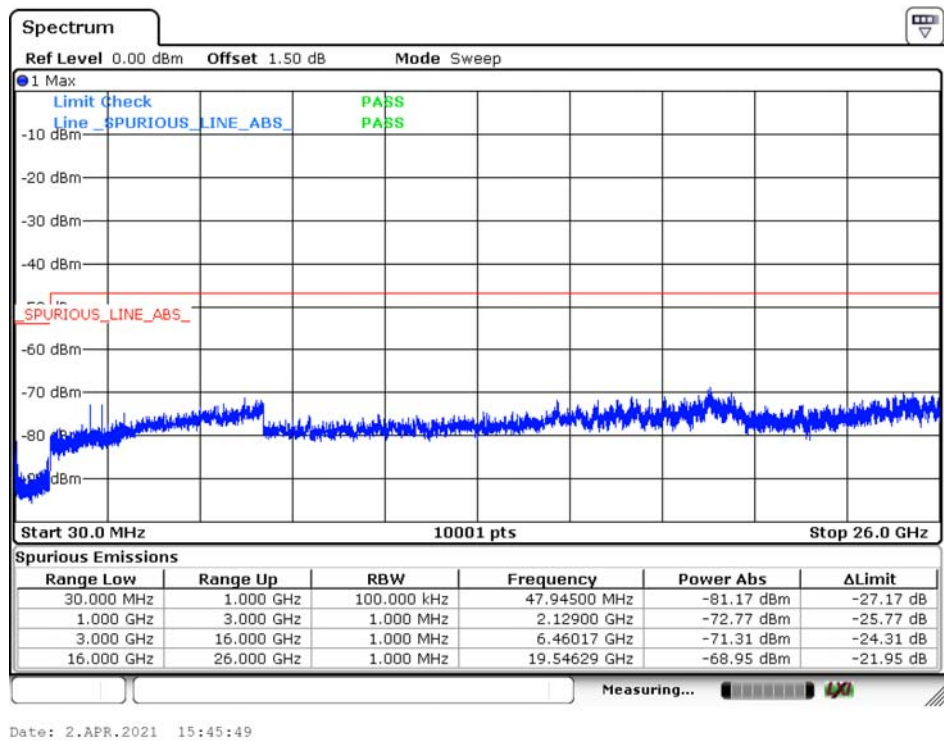
Product	Wireless LAN Access Point		
Test Item	Receiver Spurious Emissions		
Test Mode	Mode 2: Receive		
Date of Test	2021/04/02 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	60

Test Mode: IEEE 802.11ac(80MHz)	
Frequency (MHz)	Test Result
5210	PASS
5290	PASS
5530	PASS
5610	PASS
5690	PASS

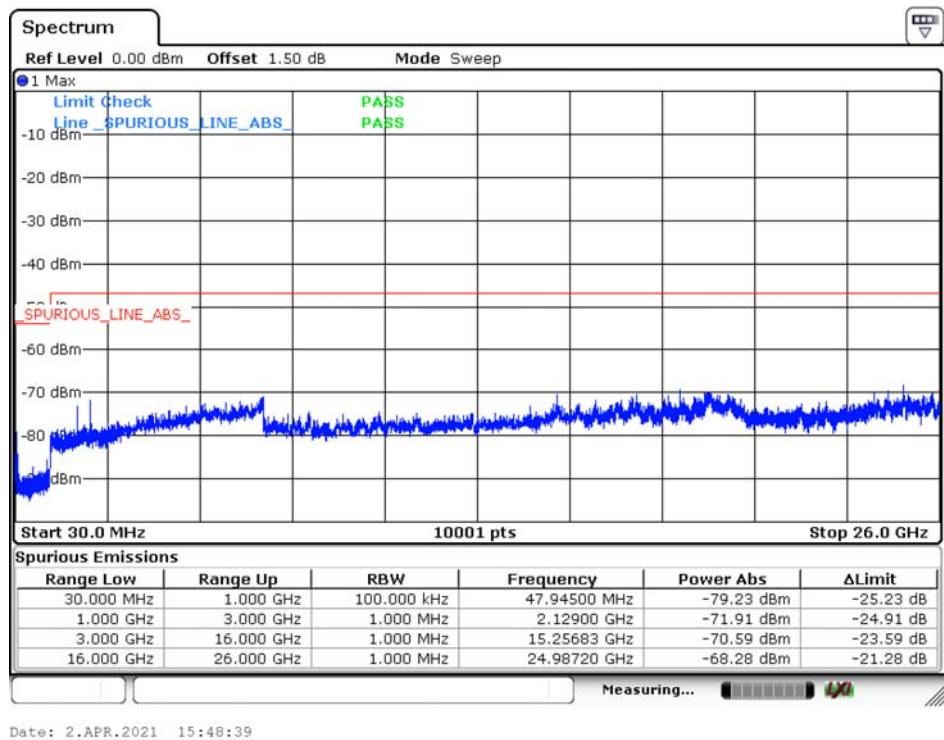
5210MHz_Ant.0



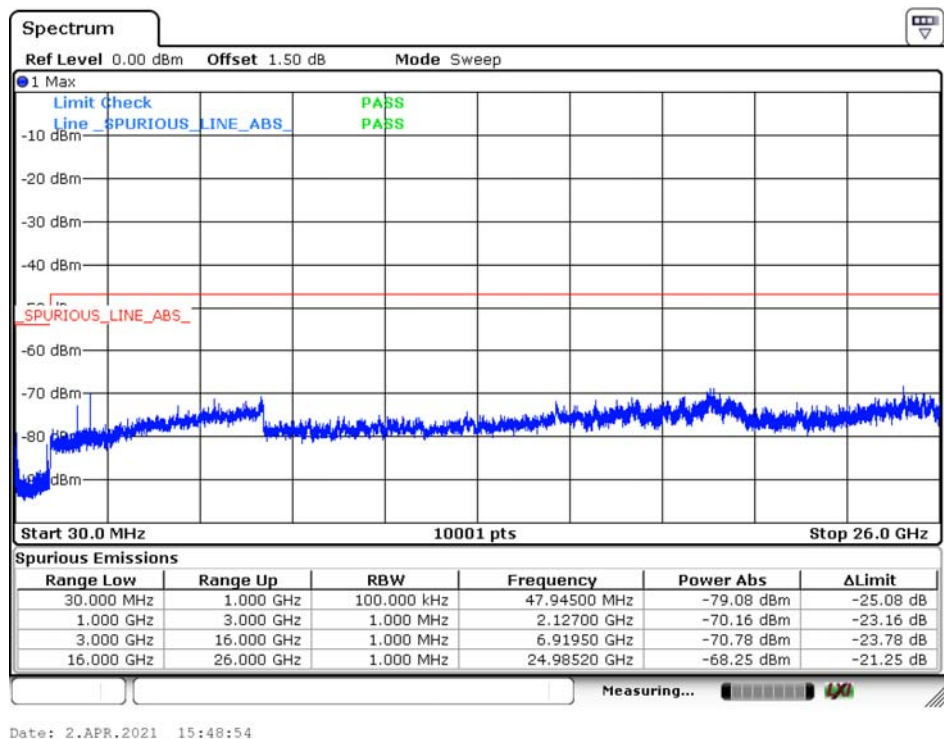
5210MHz_Ant.1



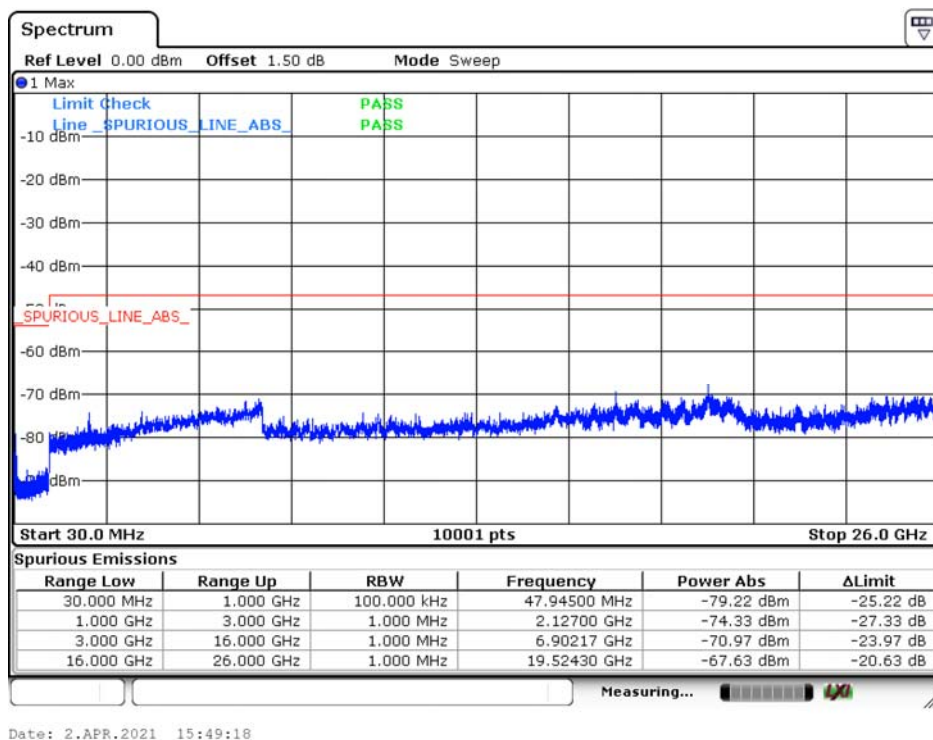
5290MHz_Ant.0



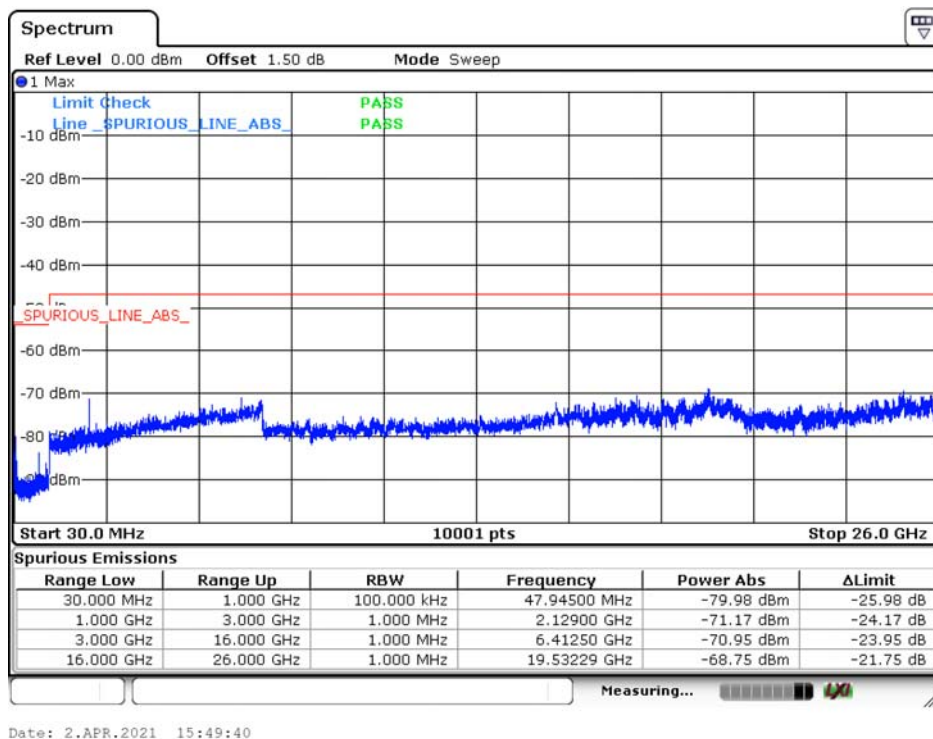
5290MHz_Ant.1



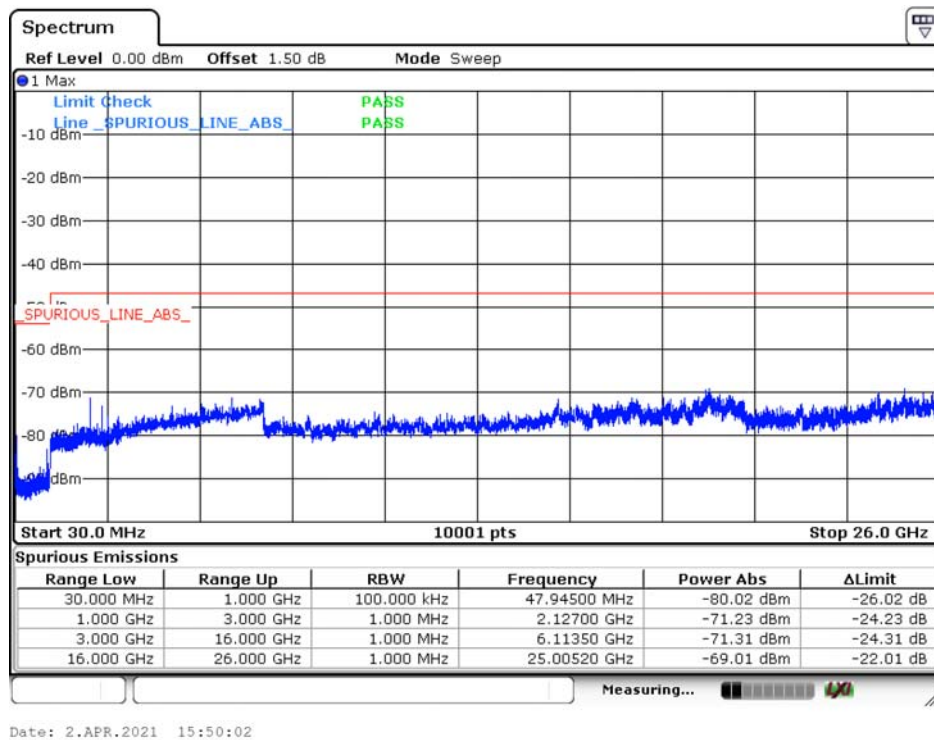
5530MHz_Ant.0



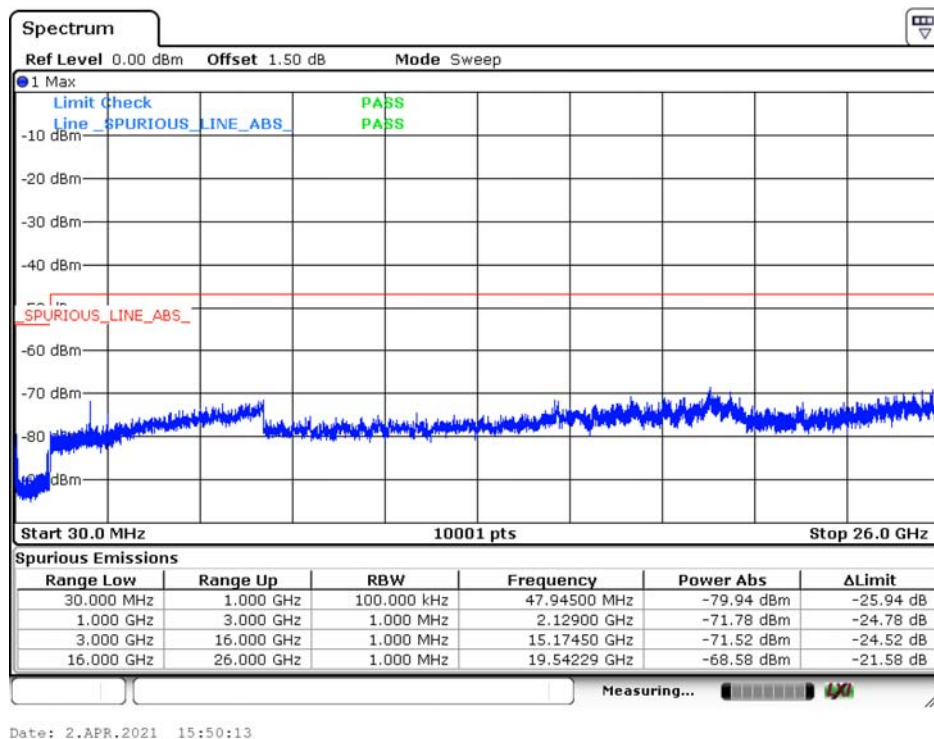
5530MHz_Ant.1



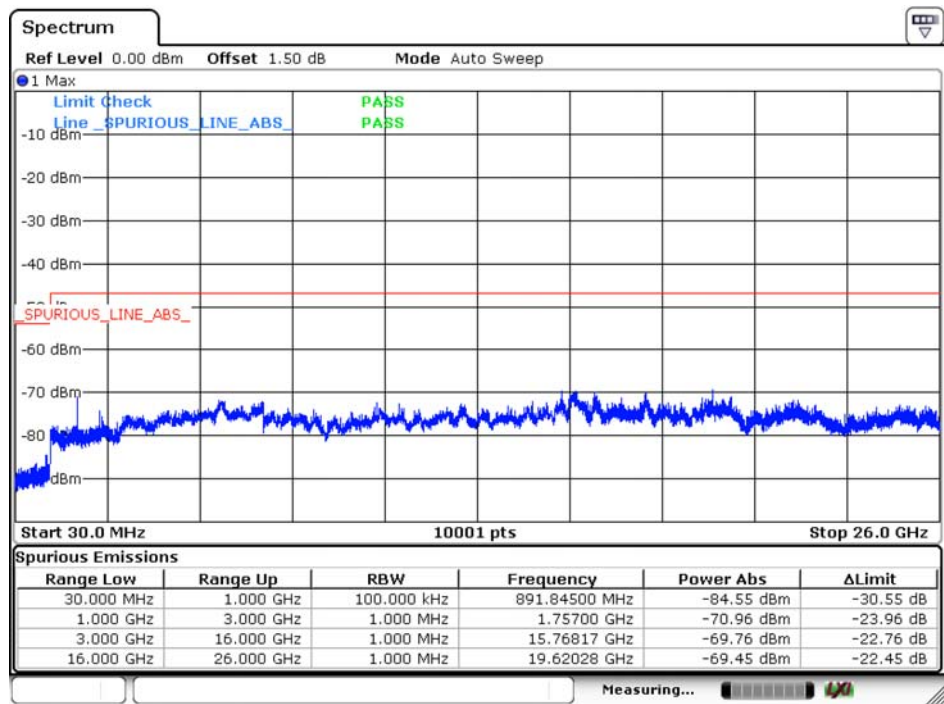
5610MHz_Ant.0



5610MHz_Ant.1

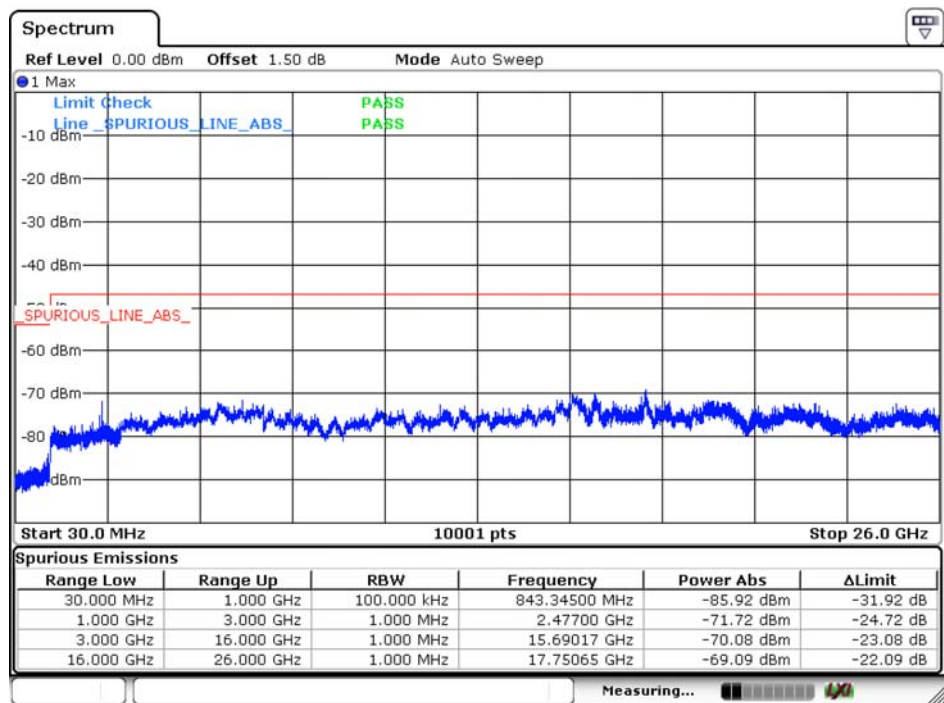


5690MHz_Ant.0



Date: 19.APR.2021 17:30:04

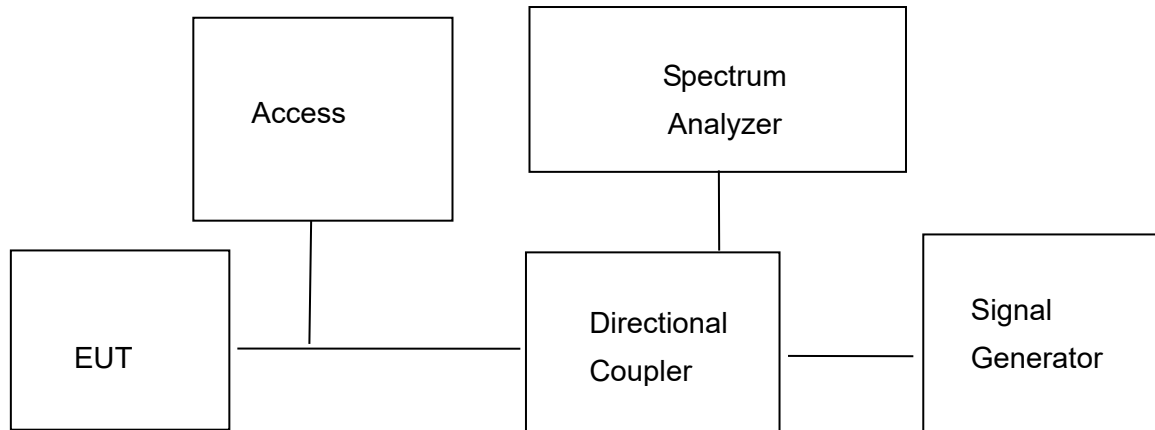
5690MHz_Ant.1



Date: 19.APR.2021 17:29:51

9. Carrier Sense

9.1. Test Setup



9.2. Test Procedure

- Link EUT and Access Point to Directional Coupler input port.
- Link Signal Generator and Spectrum Analyzer to test port and output port in the Directional Coupler separately.
- A positive Peak Detector function in Spectrum Analyzer must be used.
- Set the Span to Zero.
- Press the Signal Generator on and it will output the Carrier Signal. When the Link breaks off, wait a minute and press the Signal Generator off. After a while, reset the Link and done the test.

9.3. Limits

EUT shall not transmit radio wave when receiving over 100mW/m carriers.

9.4. Test Result of Carrier Sense

Product	Wireless LAN Access Point		
Test Item	Carrier Sense		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/23	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	65

Test Mode: IEEE 802.11a

Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Carrier Signal (dBm)	Test Result
5180.00	-47.76	24.26	-23.50	Pass
5240.00	-47.86	24.46	-23.40	Pass
5260.00	-47.89	23.89	-24.00	Pass
5320.00	-47.99	25.09	-22.90	Pass
5500.00	-48.28	20.78	-27.50	Pass
5580.00	-48.40	20.50	-27.90	Pass
5720.00	-48.62	20.62	-28.00	Pass

Test Mode: IEEE 802.11ac(20MHz)

Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Carrier Signal (dBm)	Test Result
5180.00	-47.76	24.26	-23.50	Pass
5240.00	-47.86	24.46	-23.40	Pass
5260.00	-47.89	23.89	-24.00	Pass
5320.00	-47.99	25.09	-22.90	Pass
5500.00	-48.28	20.78	-27.50	Pass
5580.00	-48.40	20.50	-27.90	Pass
5720.00	-48.62	20.62	-28.00	Pass

Note:

Reading Level is displayed on the Spectrum Analyzer.

Carrier Signal is from the Signal Generator.

Factor = Distributor loss + cable loss

Reading Level = 22.79 + Gr - 20log(F)

Gr: Antenna gain

F: Transmission frequency

Product	Wireless LAN Access Point		
Test Item	Carrier Sense		
Test Mode	Mode 1: Transmit		
Date of Test	2021/04/23	Test Site	SR12-H
Temperature(°C)	22	Humidity (%RH)	65

Test Mode: IEEE 802.11ac(40MHz)

Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Carrier Signal (dBm)	Test Result
5190.00	-47.77	24.17	-23.60	Pass
5230.00	-47.84	24.64	-23.20	Pass
5270.00	-47.91	24.11	-23.80	Pass
5310.00	-47.97	24.77	-23.20	Pass
5510.00	-48.29	20.89	-27.40	Pass
5550.00	-48.36	20.46	-27.90	Pass
5710.00	-48.60	20.50	-28.10	Pass

Test Mode: IEEE 802.11ac(80MHz)

Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Carrier Signal (dBm)	Test Result
5210.00	-47.81	24.31	-23.50	Pass
5290.00	-47.94	24.34	-23.60	Pass
5530.00	-48.32	20.72	-27.60	Pass
5610.00	-48.45	19.25	-29.20	Pass
5690.00	-48.57	20.87	-27.70	Pass

Note:

Reading Level is displayed on the Spectrum Analyzer.

Carrier Signal is from the Signal Generator.

Factor = Distributor loss + cable loss

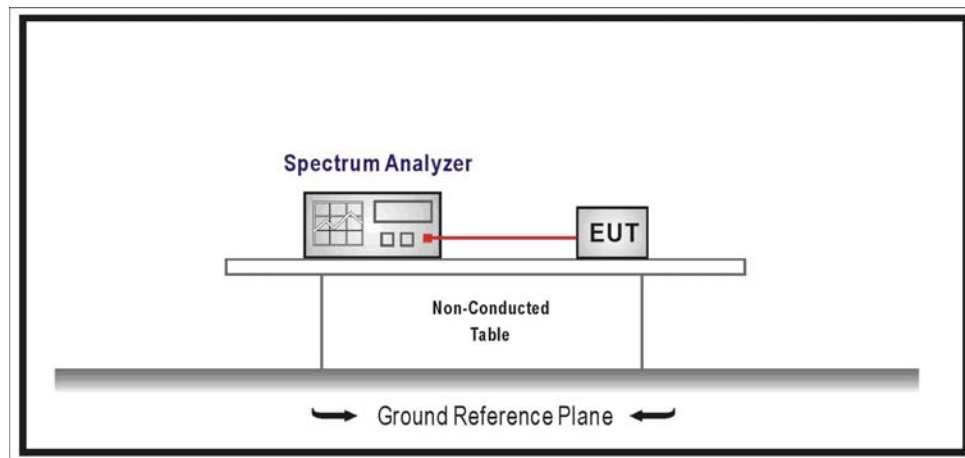
Reading Level = 22.79 + Gr - 20log(F)

Gr: Antenna gain

F: Transmission frequency

10. Transmitter Time

10.1. Test Setup



10.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

(a) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.

(c) 'Clean write' mode may be used.

10.3. Limits

$\leq 8\text{ms}$

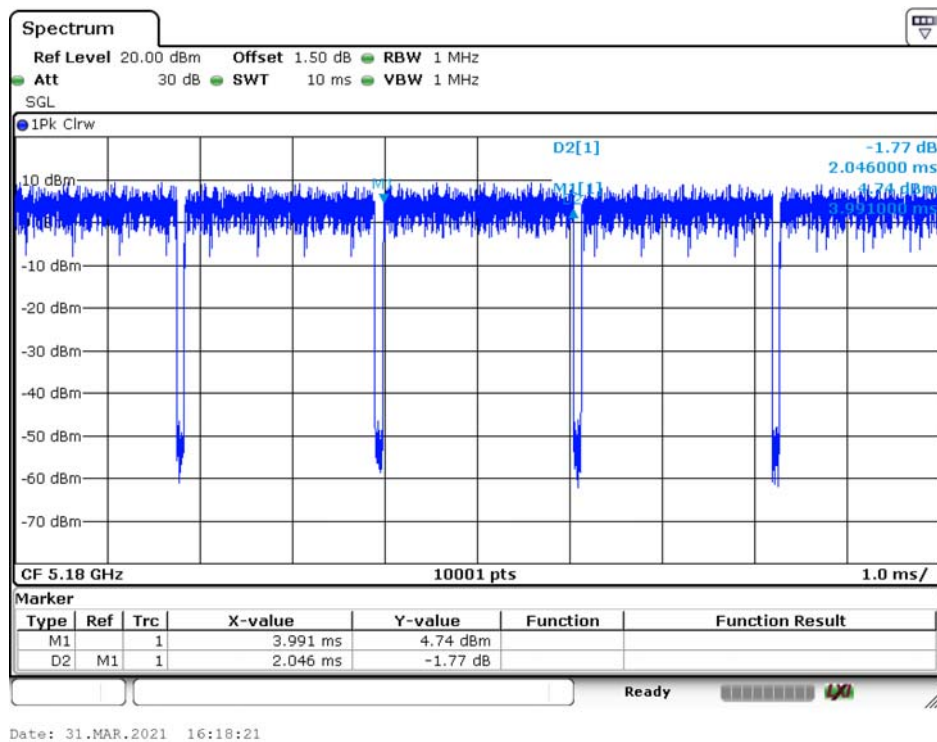
10.4. Test Result of Transmitter Time

Product	Wireless LAN Access Point		
Test Item	Transmitter Time		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/31 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	60

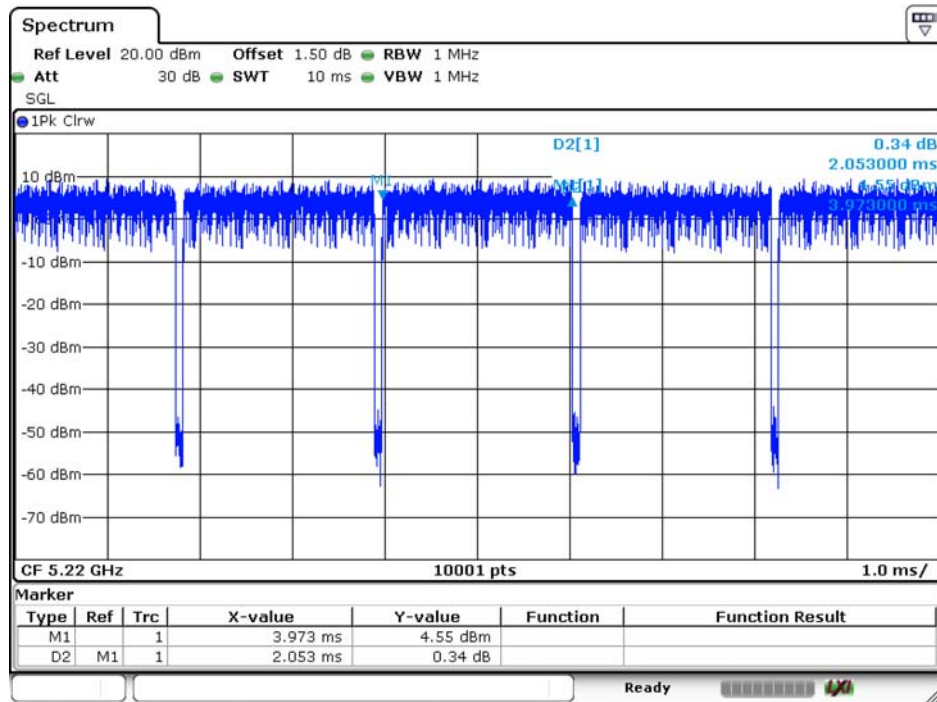
802.11a

Frequency (MHz)	Test Result
5180	PASS
5220	PASS
5240	PASS
5260	PASS
5300	PASS
5320	PASS
5500	PASS
5600	PASS
5720	PASS

5180MHz

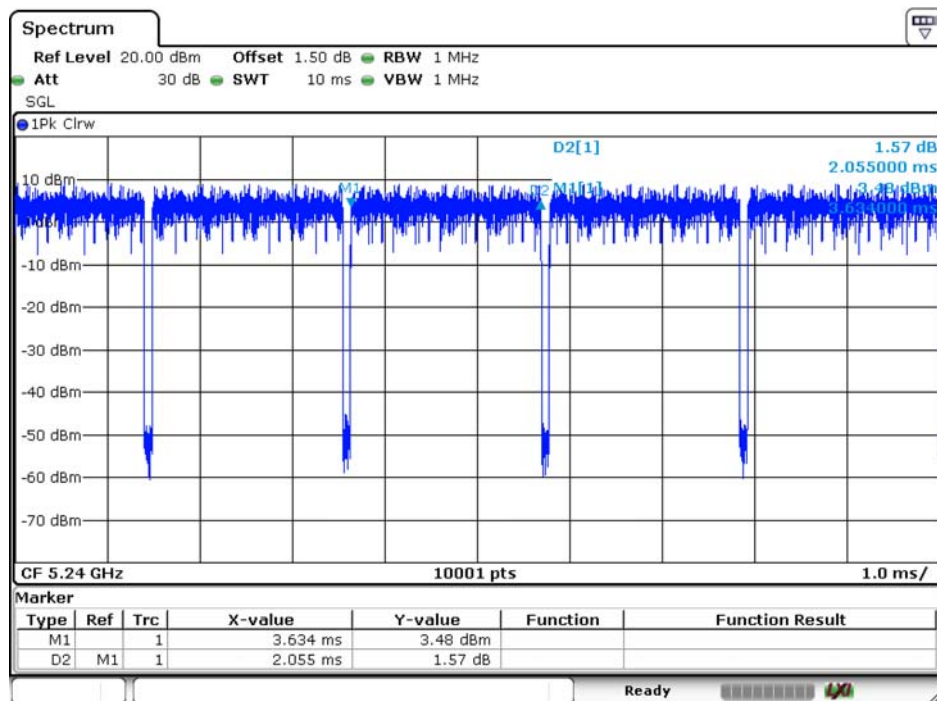


5220MHz



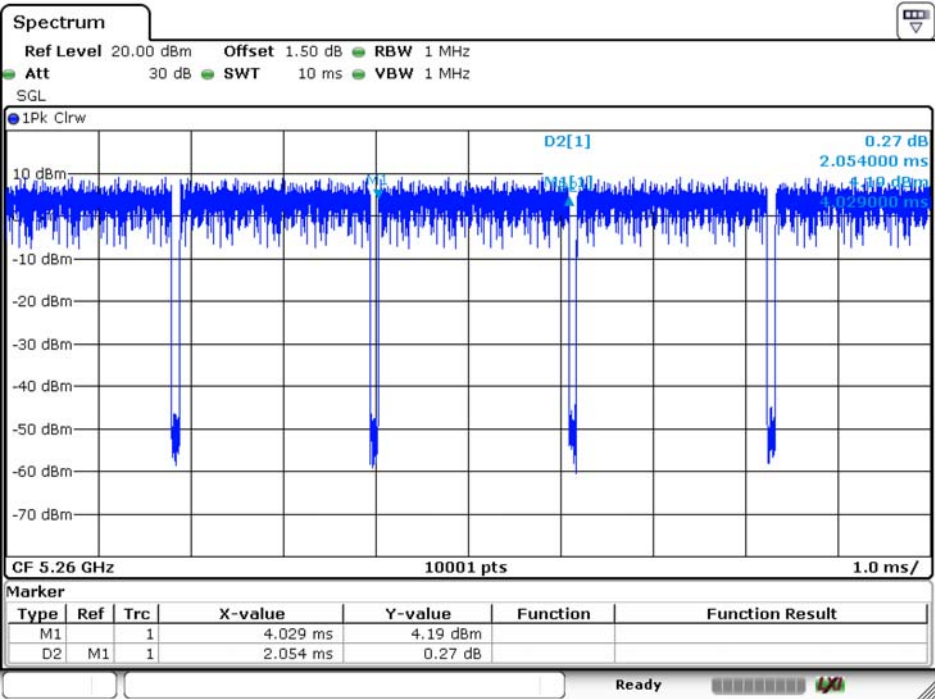
Date: 31.MAR.2021 16:32:19

5240MHz



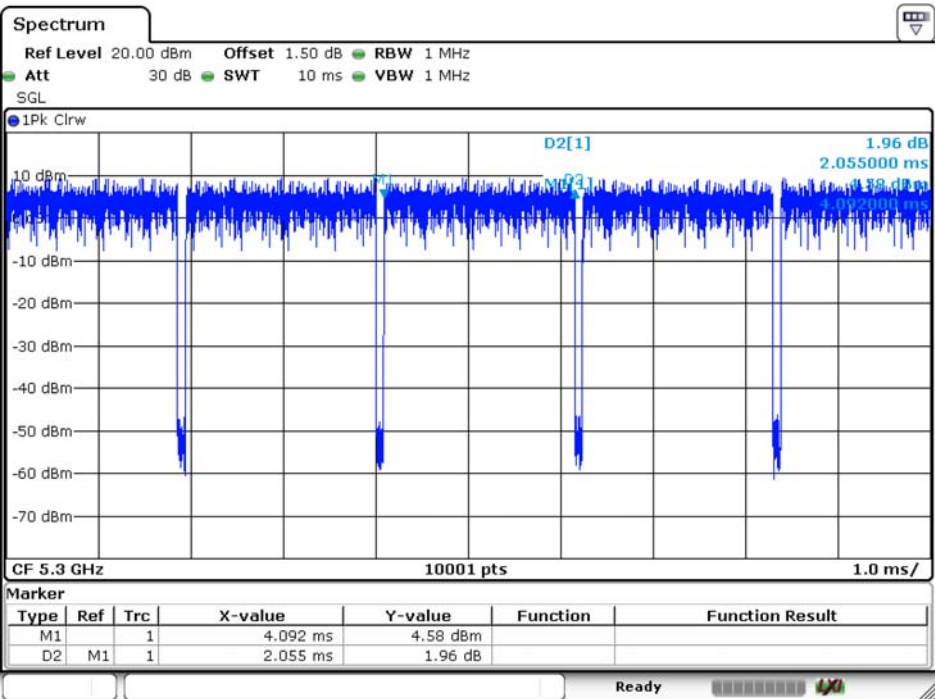
Date: 31.MAR.2021 16:33:15

5260MHz



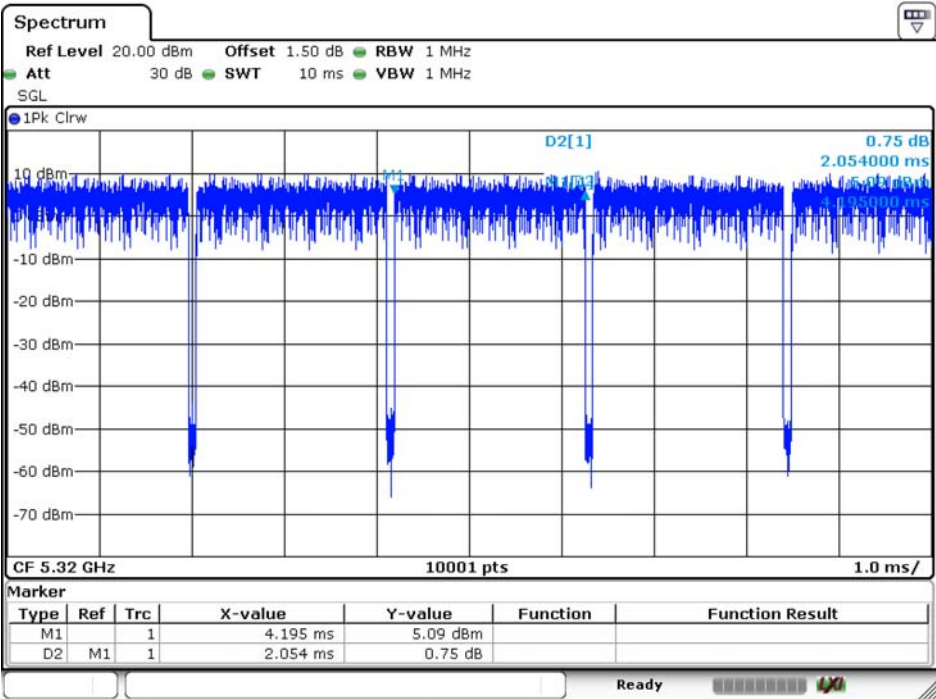
Date: 31.MAR.2021 16:35:30

5300MHz



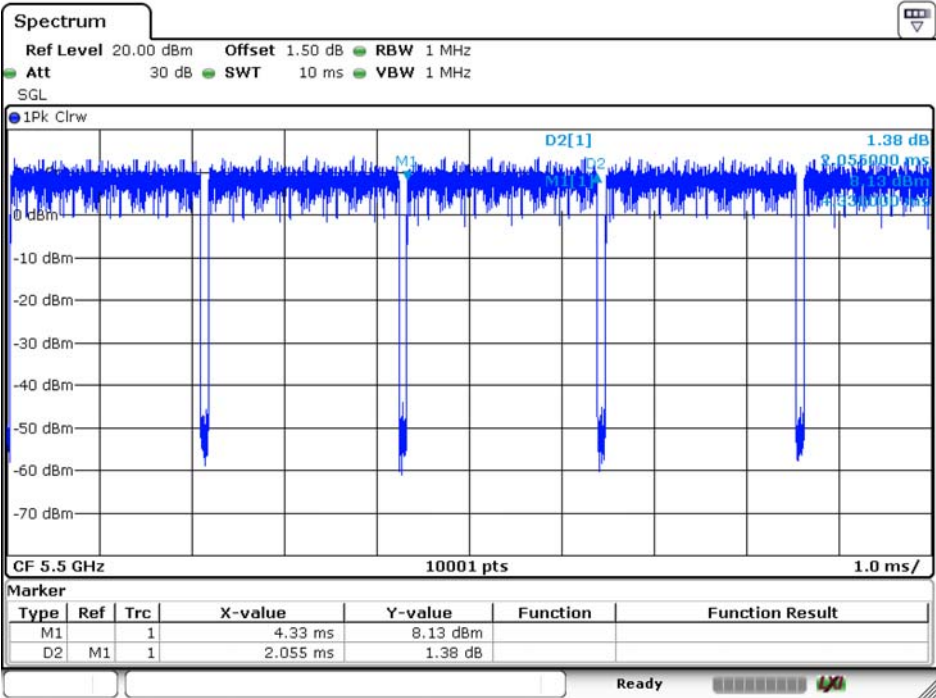
Date: 31.MAR.2021 16:36:07

5320MHz



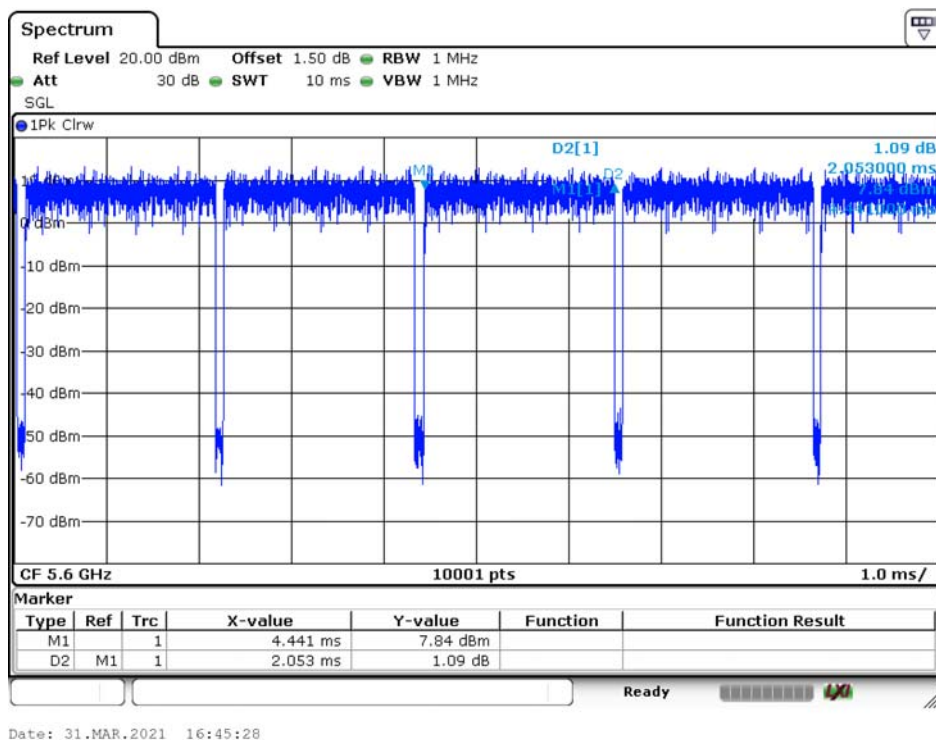
Date: 31.MAR.2021 16:37:09

5500MHz

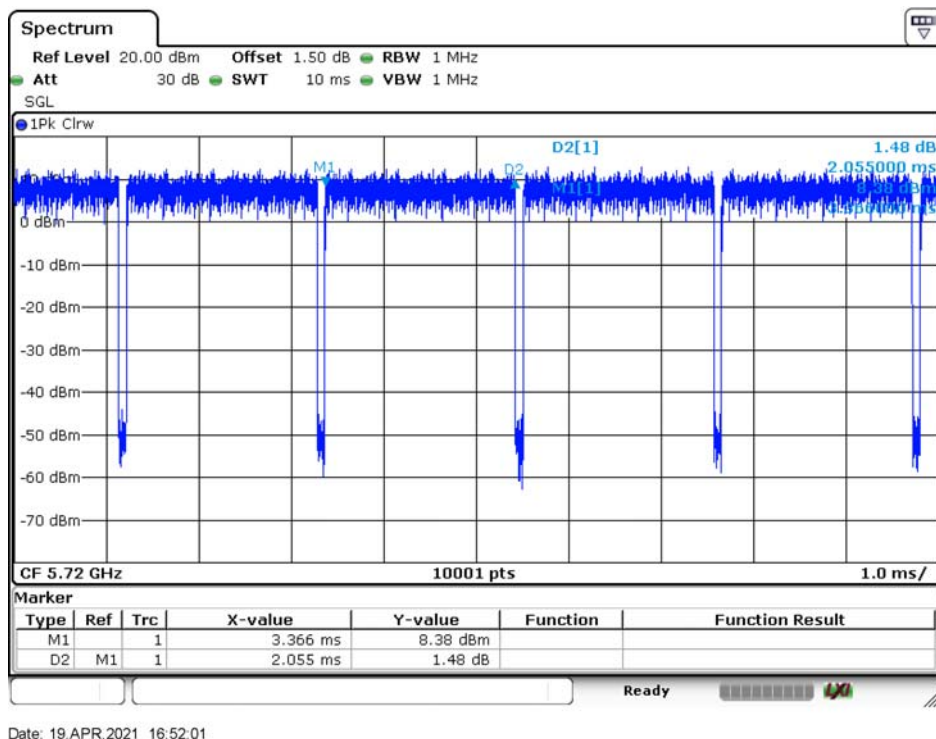


Date: 31.MAR.2021 16:40:57

5600MHz



5720MHz

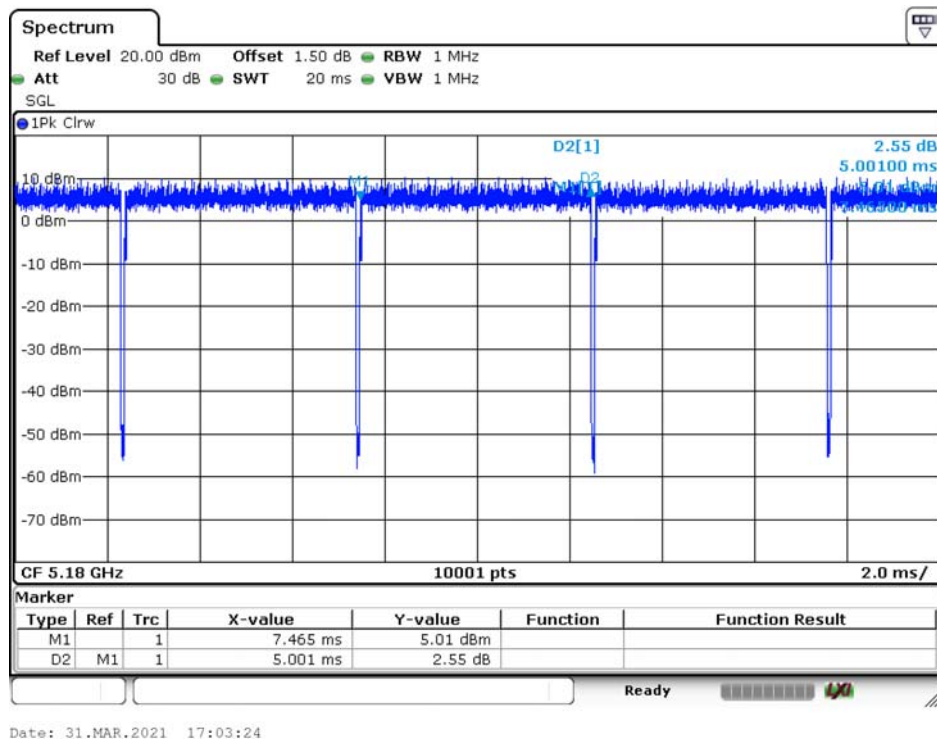


Product	Wireless LAN Access Point		
Test Item	Transmitter Time		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/31 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	60

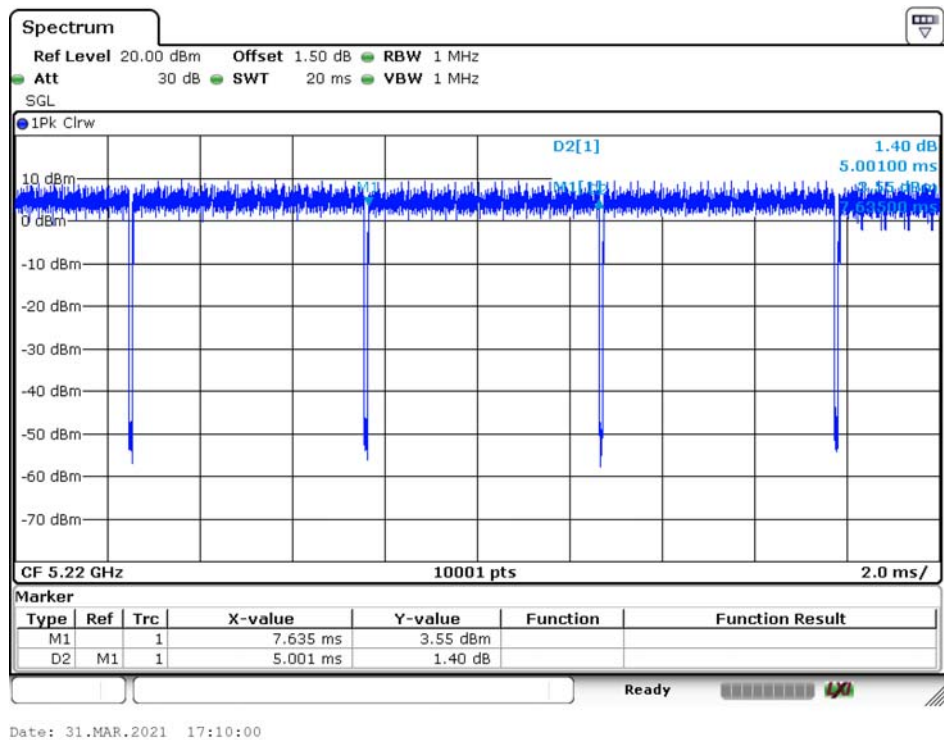
802.11ac (20MHz)

Frequency (MHz)	Test Result
5180	PASS
5220	PASS
5240	PASS
5260	PASS
5300	PASS
5320	PASS
5500	PASS
5600	PASS
5720	PASS

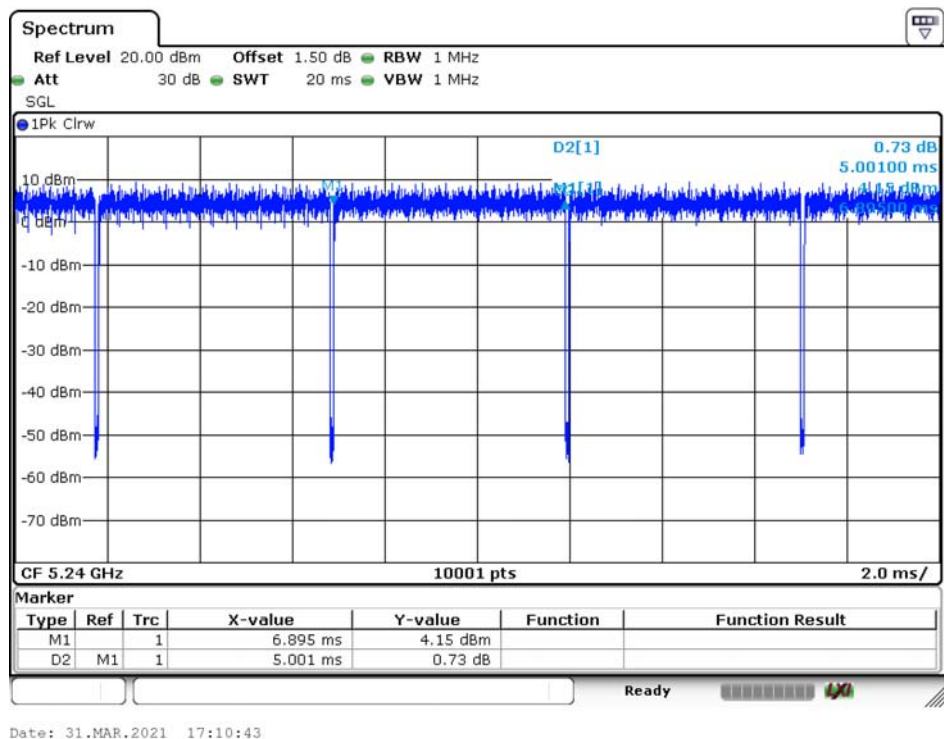
5180MHz



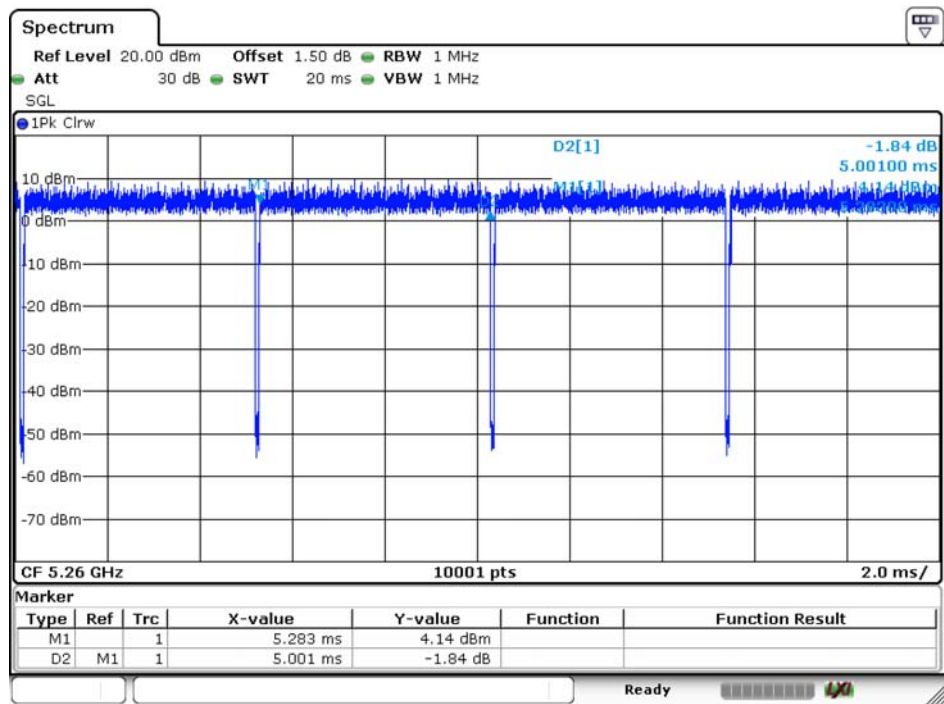
5220MHz



5240MHz

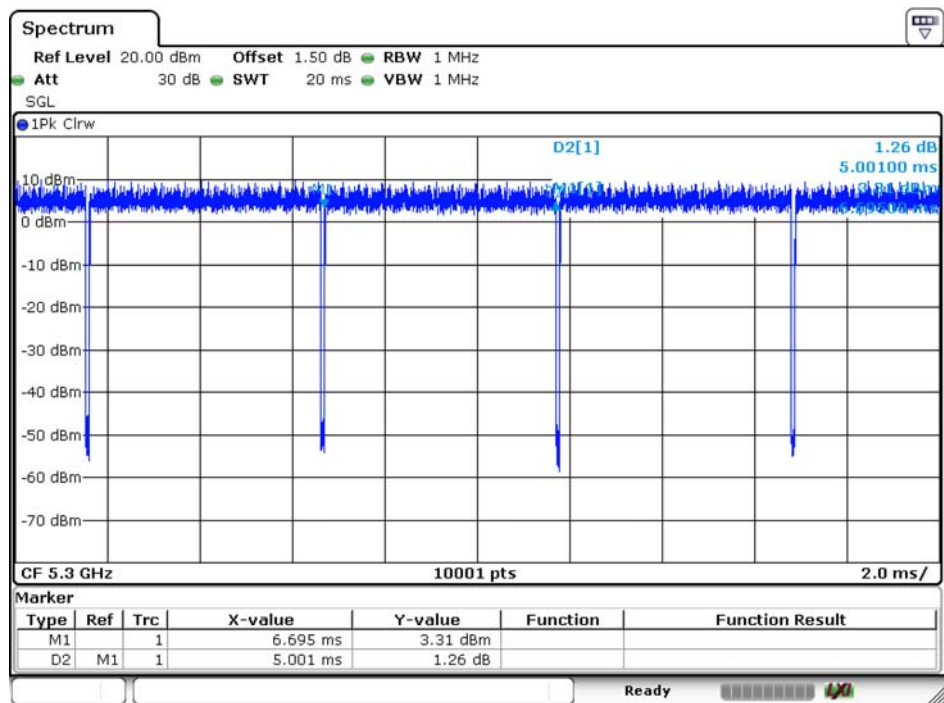


5260MHz



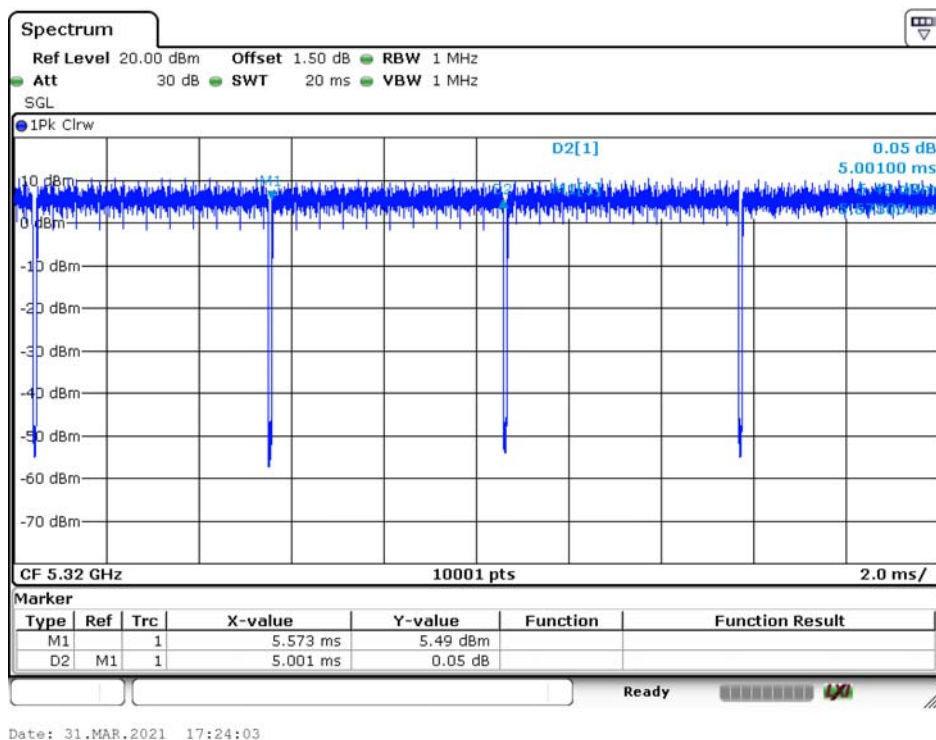
Date: 31.MAR.2021 17:17:44

5300MHz

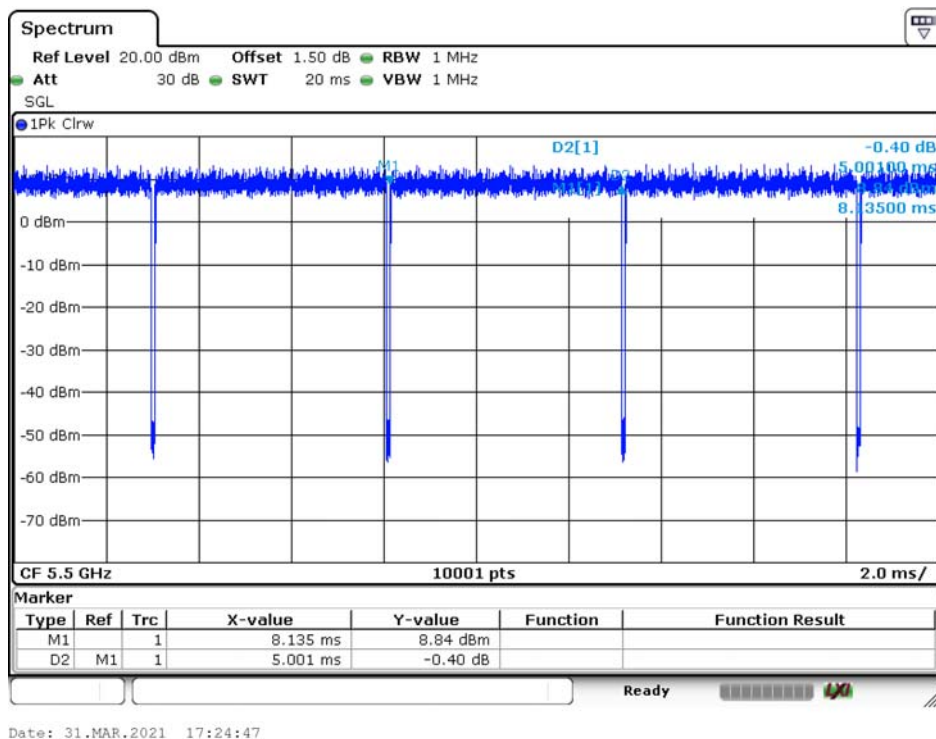


Date: 31.MAR.2021 17:18:24

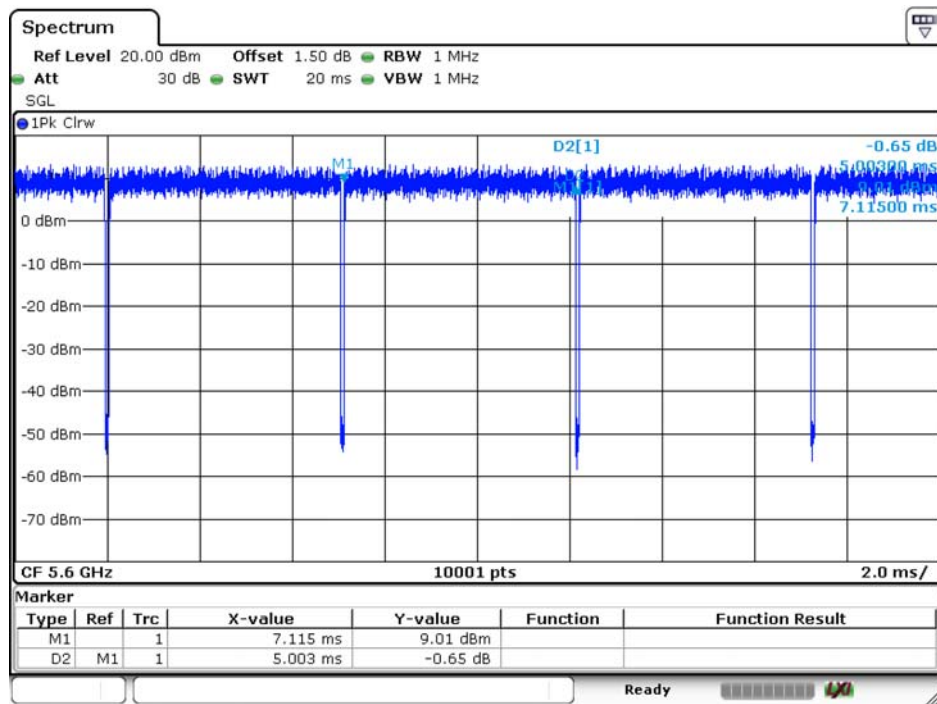
5320MHz



5500MHz

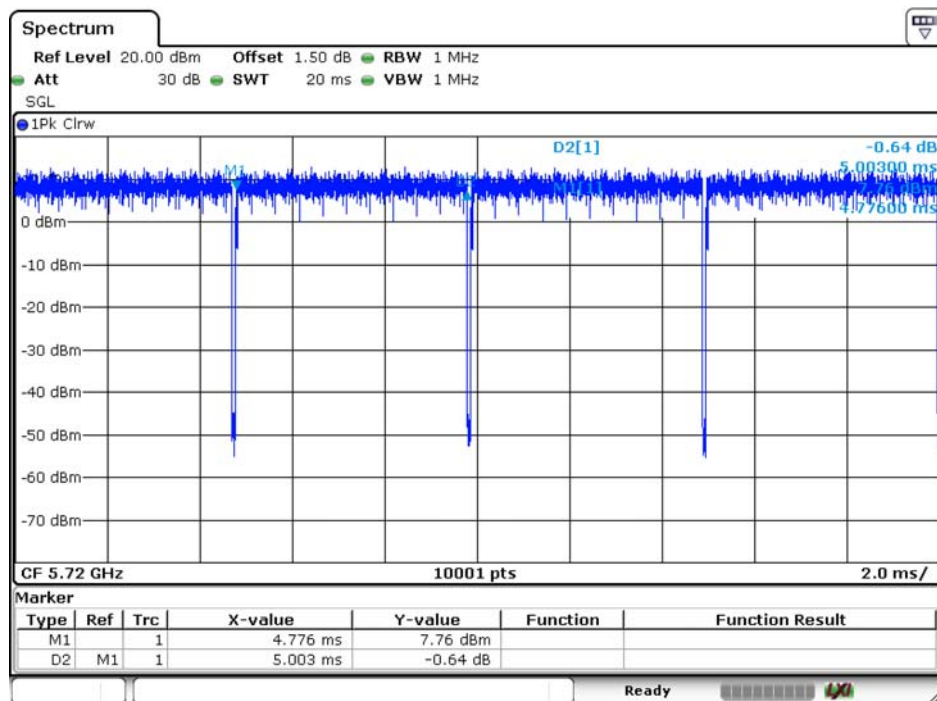


5600MHz



Date: 31.MAR.2021 17:41:17

5720MHz



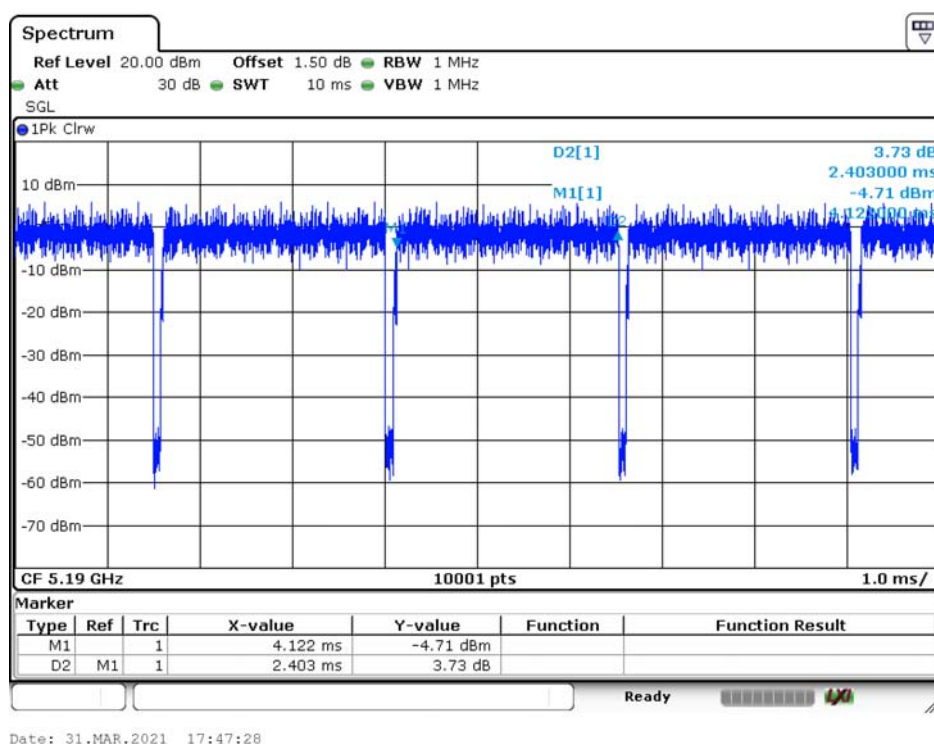
Date: 19.APR.2021 16:53:13

Product	Wireless LAN Access Point		
Test Item	Transmitter Time		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/31 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	60

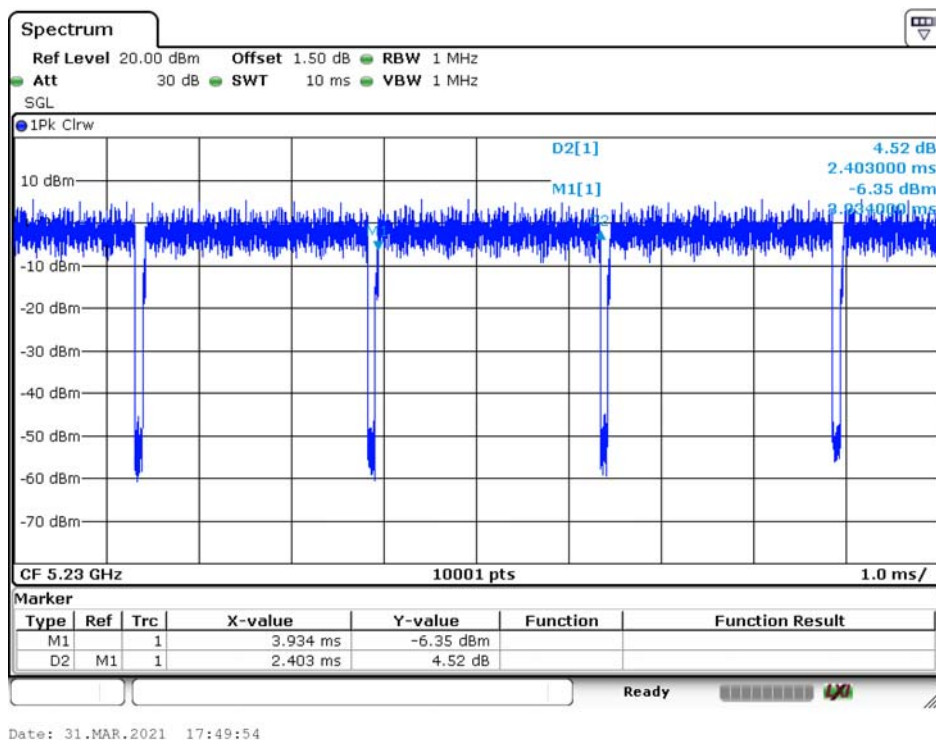
802.11ac (40MHz)

Frequency (MHz)	Test Result
5190	PASS
5270	PASS
5310	PASS
5510	PASS
5590	PASS
5710	PASS

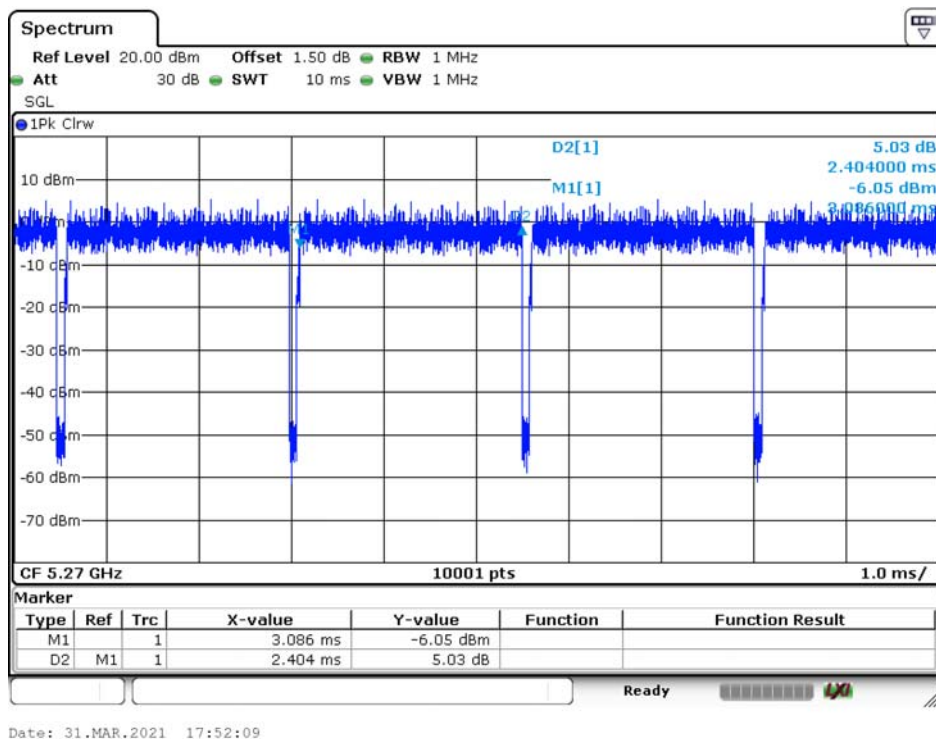
5190MHz



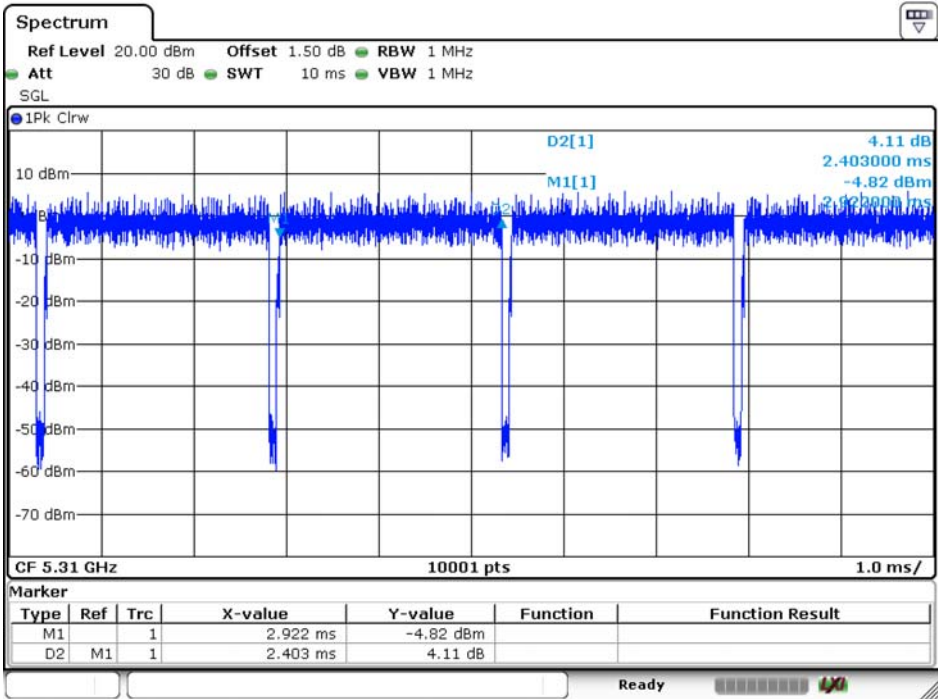
5230MHz



5270MHz

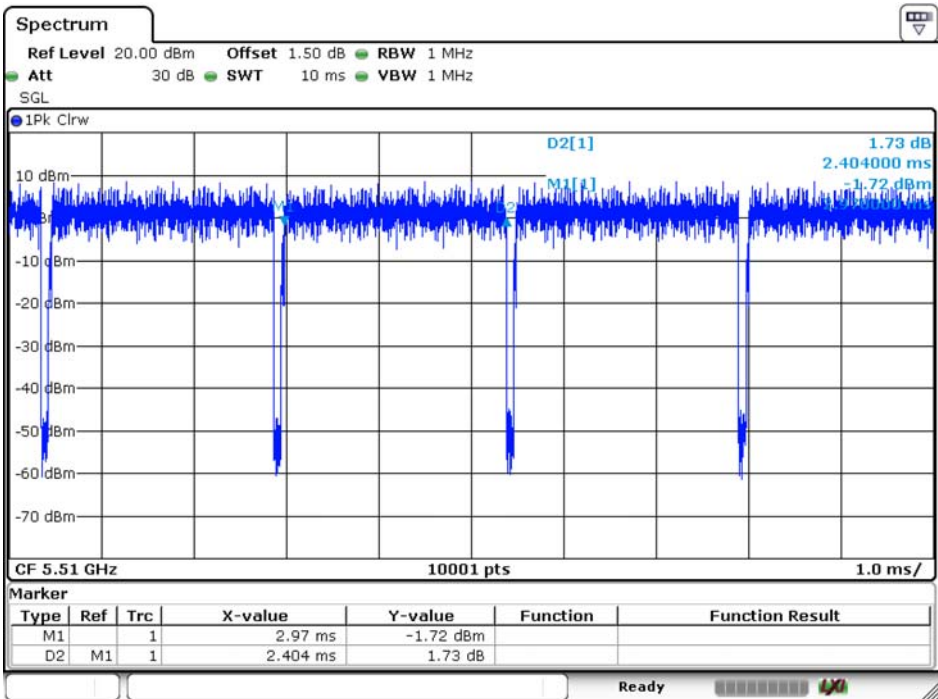


5310MHz



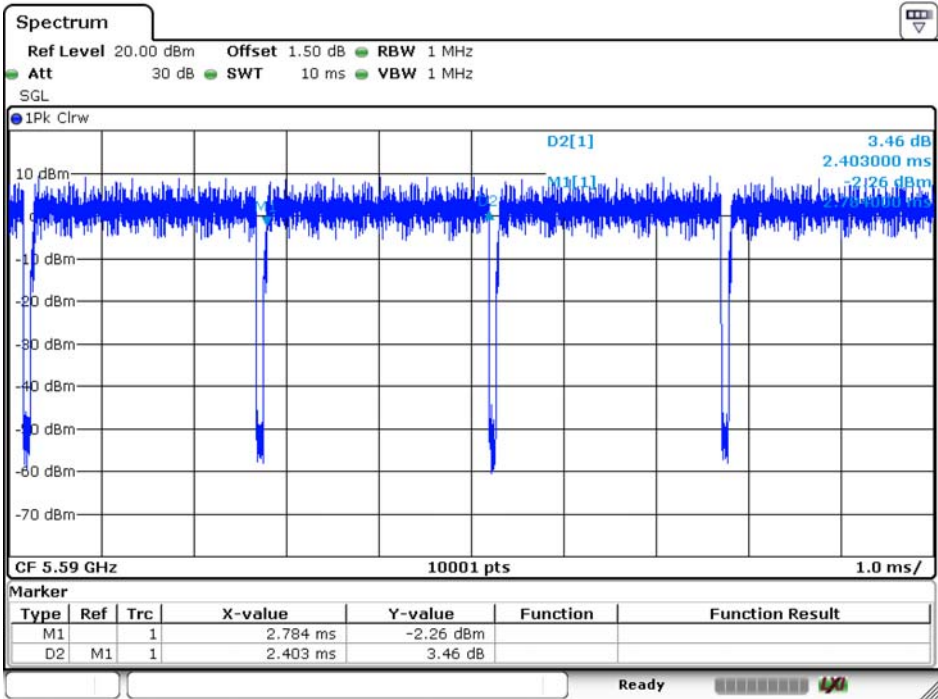
Date: 31.MAR.2021 17:53:04

5510MHz



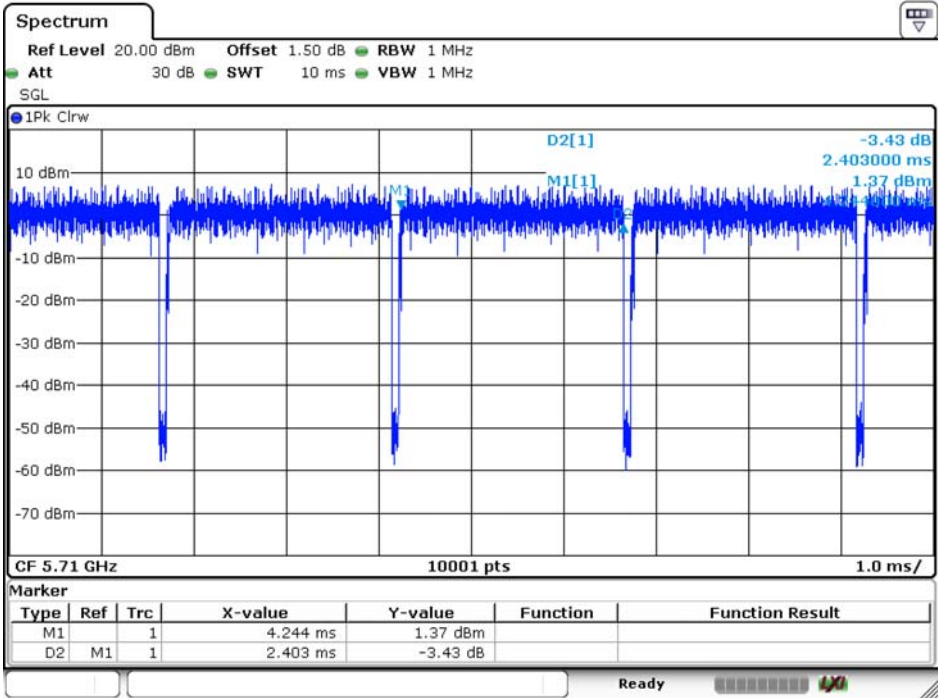
Date: 31.MAR.2021 17:56:11

5590MHz



Date: 31.MAR.2021 17:58:09

5710MHz



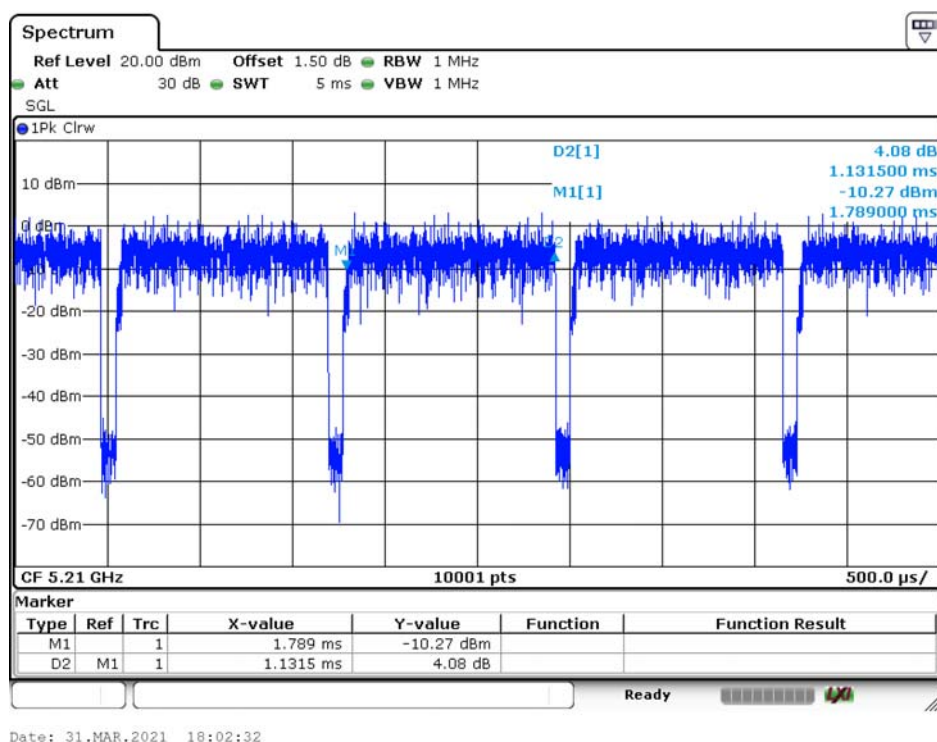
Date: 19.APR.2021 16:57:55

Product	Wireless LAN Access Point		
Test Item	Transmitter Time		
Test Mode	Mode 1: Transmit		
Date of Test	2021/03/31 & 2021/04/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	60

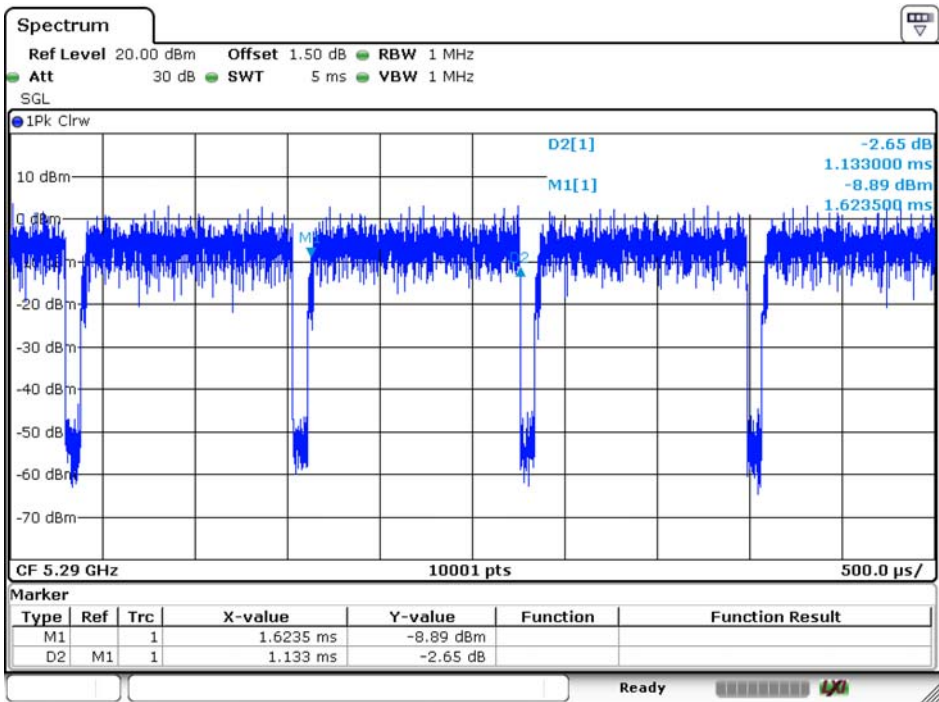
802.11ac (80MHz)

Frequency (MHz)	Test Result
5210	PASS
5290	PASS
5530	PASS
5610	PASS
5690	PASS

5210MHz

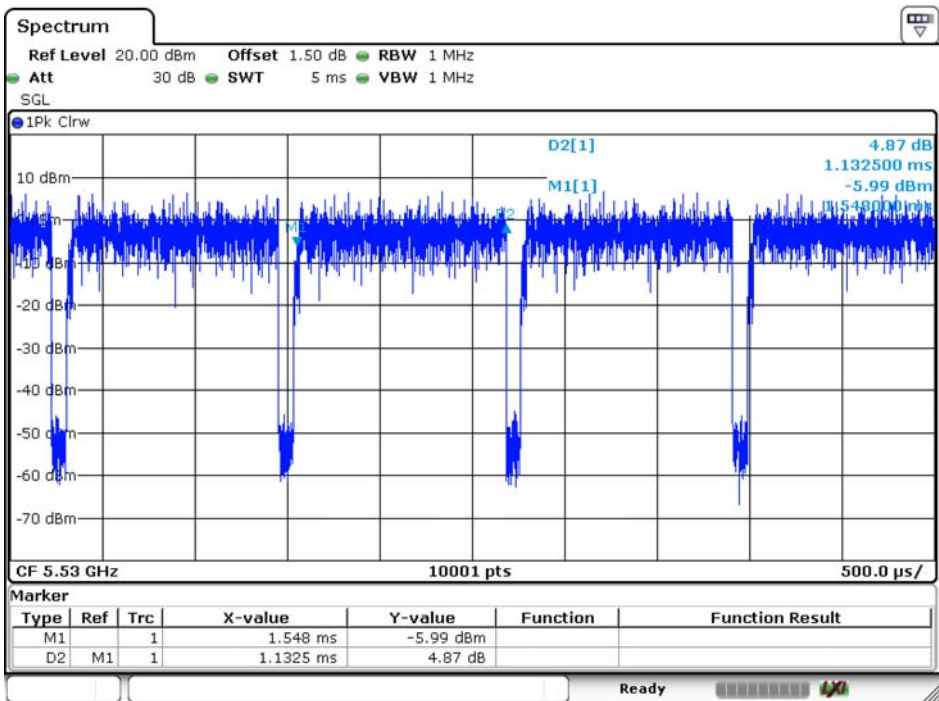


5290MHz



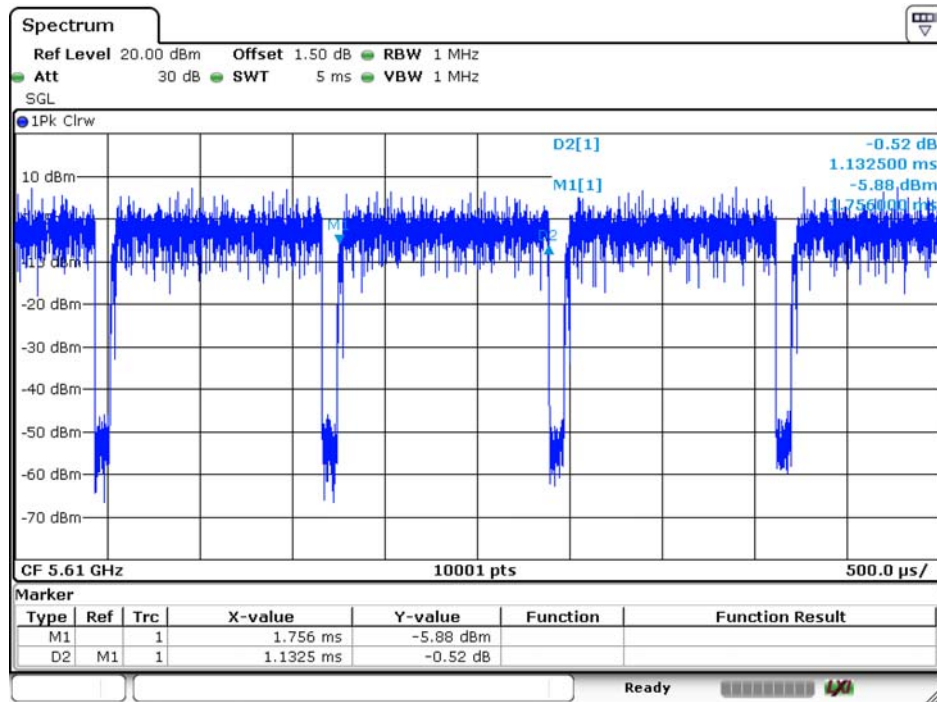
Date: 31.MAR.2021 18:05:07

5530MHz



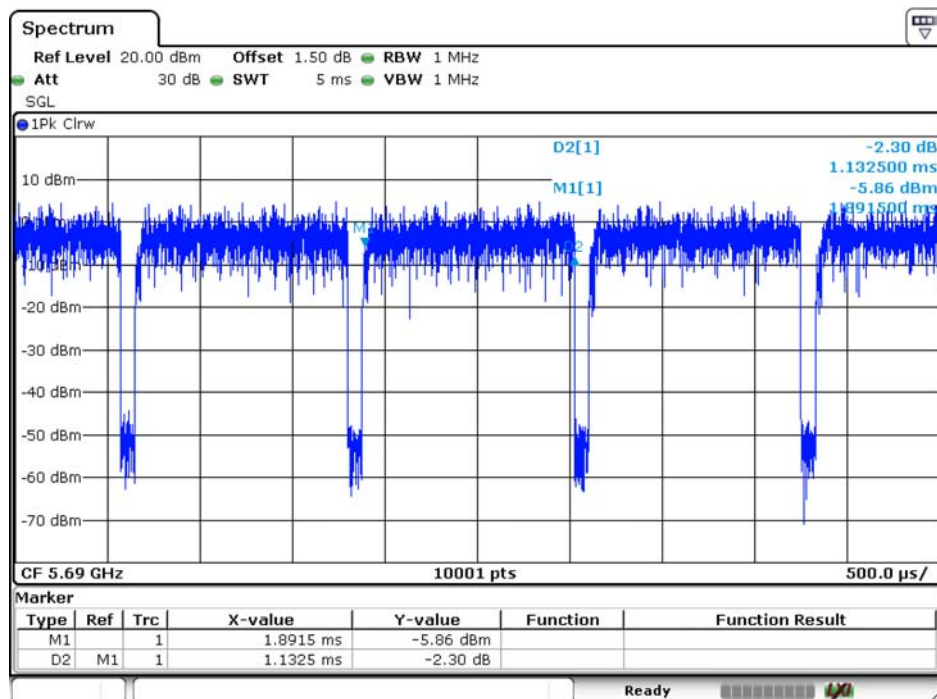
Date: 31.MAR.2021 18:08:07

5610MHz



Date: 31.MAR.2021 20:26:18

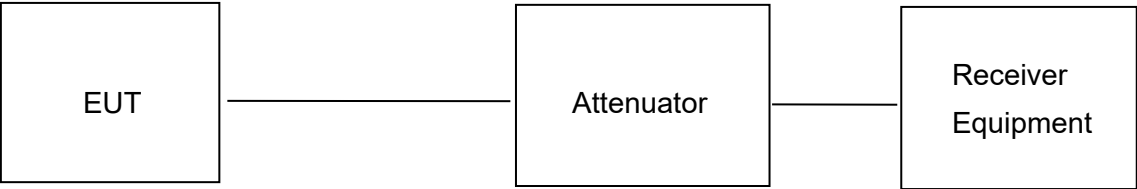
5690MHz



Date: 19.APR.2021 17:07:43

11. Interference Prevention Function

11.1. Test Setup



11.2. Requirements

Radio equipment used mainly on the same premises and automatically transmits or receives identification code.

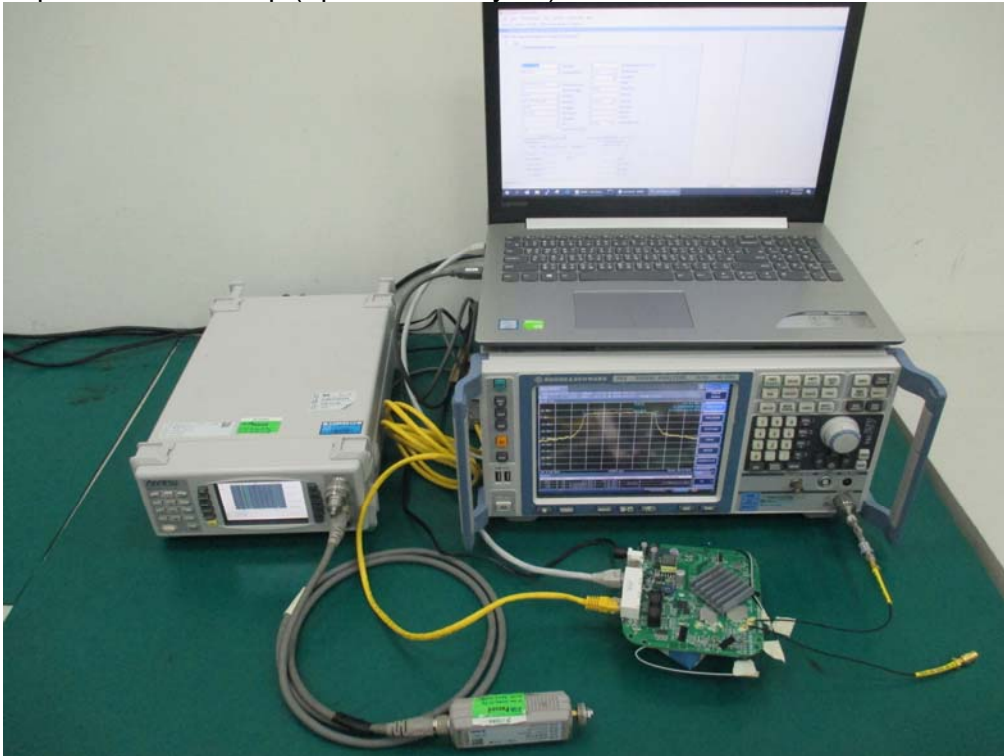
11.3. Test Result of Interference Prevention Function

Link Mode	Test Result
Normal	Pass

Attachment

➤ Test Photograph

Description : Test Setup (Spectrum Analyzer)



Description : Test Setup (Meter)

