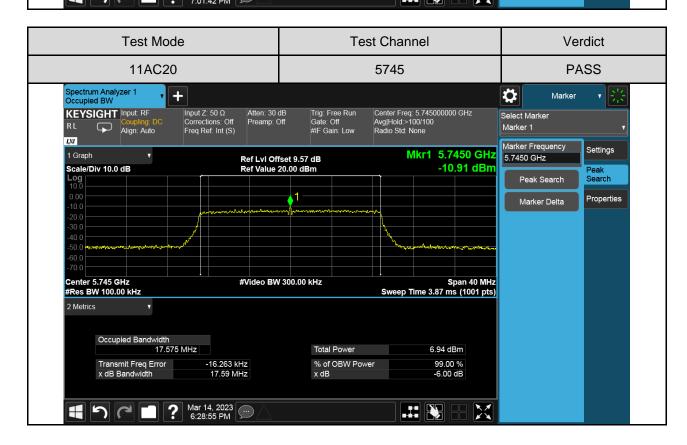
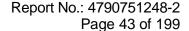
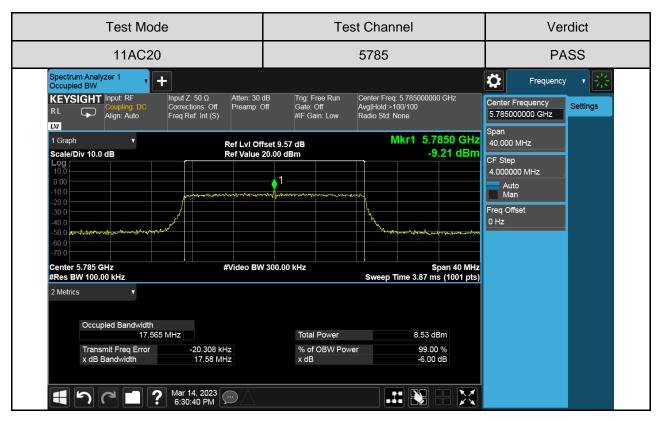


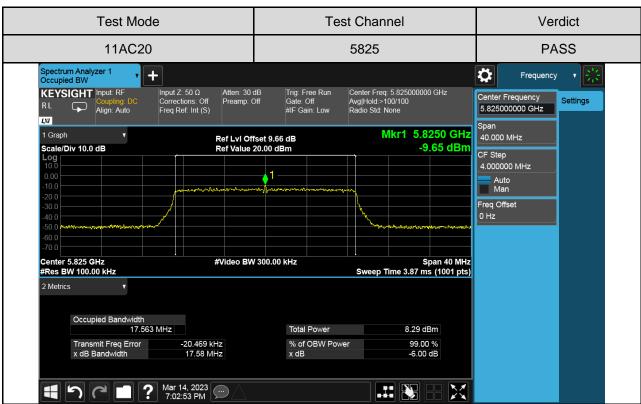
Test Mode Test Channel Verdict 11A 5825 **PASS** Spectrum Analyzer 1 Occupied BW Ö Frequency Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) Center Freq: 5.825000000 GHz Avg|Hold:>100/100 Radio Std: None Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off KEYSIGHT Input: RF Center Frequency Align: Auto 5.825000000 GHz #IF Gain: Low LXI Mkr1 5.8250 GHz 1 Graph 40.000 MHz Ref LvI Offset 9.66 dB Ref Value 20.00 dBm Scale/Div 10.0 dB -1.39 dBm CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz #Video BW 300.00 kHz Center 5.825 GHz #Res BW 100.00 kHz Span 40 MHz Sweep Time 3.87 ms (1001 pts) 2 Metrics Occupied Bandwidth 16.350 MHz 15.5 dBm Total Power -23.848 kHz 16.10 MHz Transmit Freq Error % of OBW Power 99.00 % -6 00 dB x dB Bandwidth x dB Mar 14, 2023 7:01:42 PM



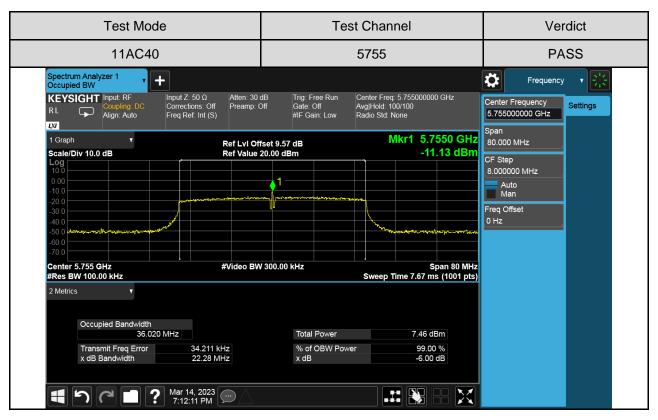


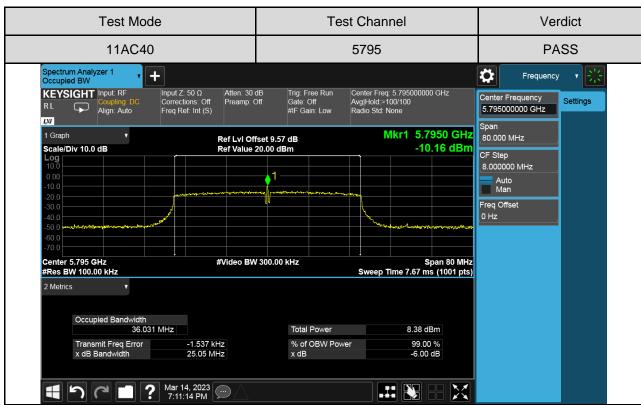


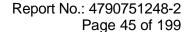




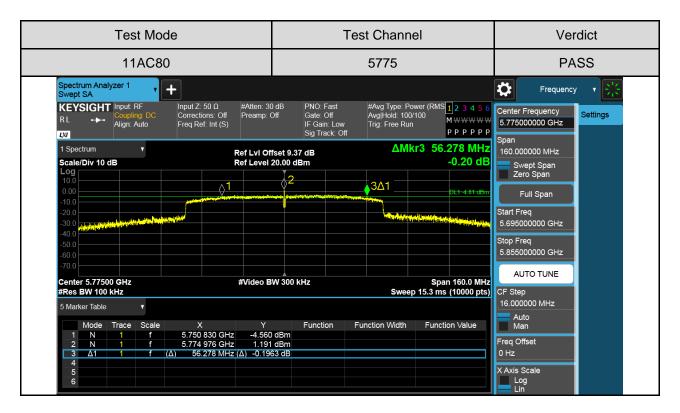




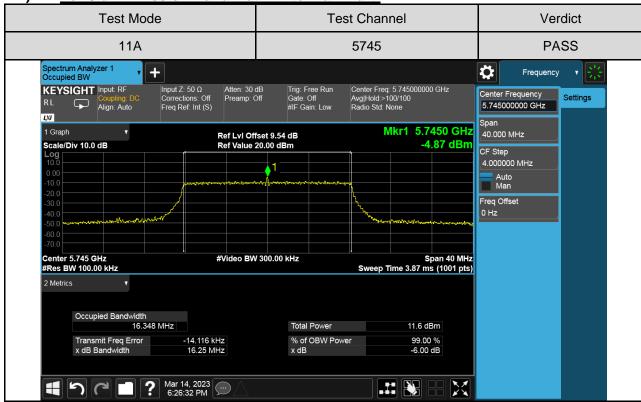






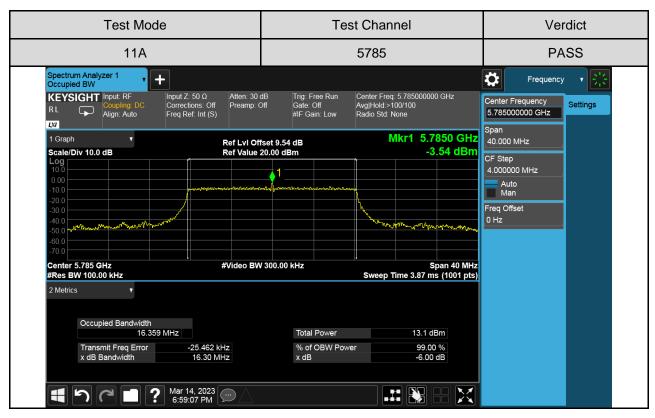


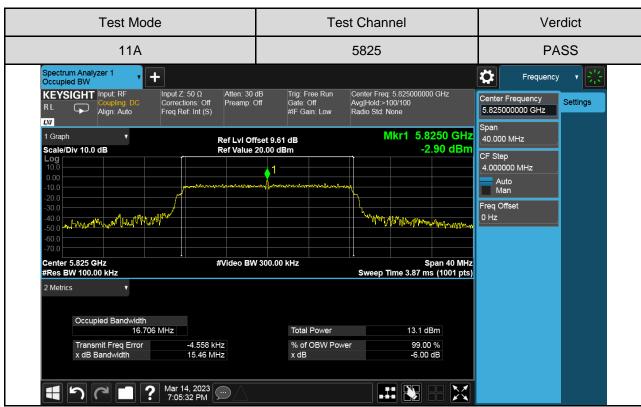
IV) For 6 dB Emission Bandwidth Antenna 2 Part:

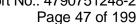




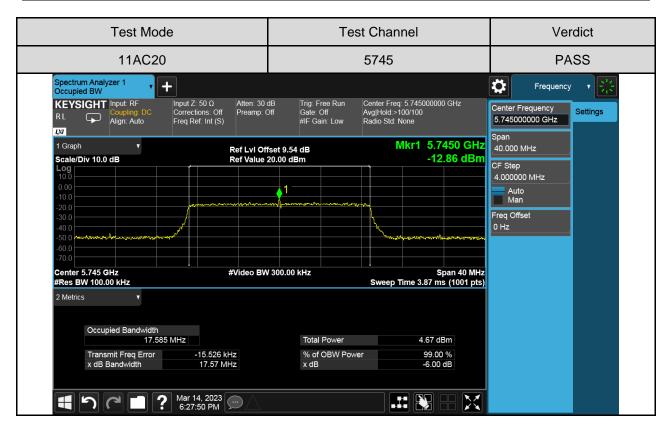
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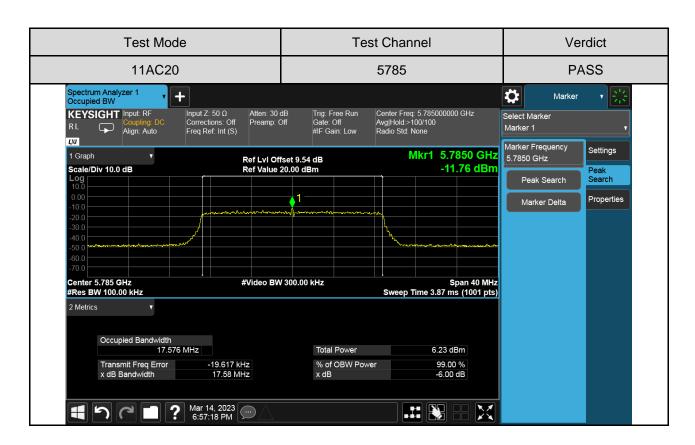






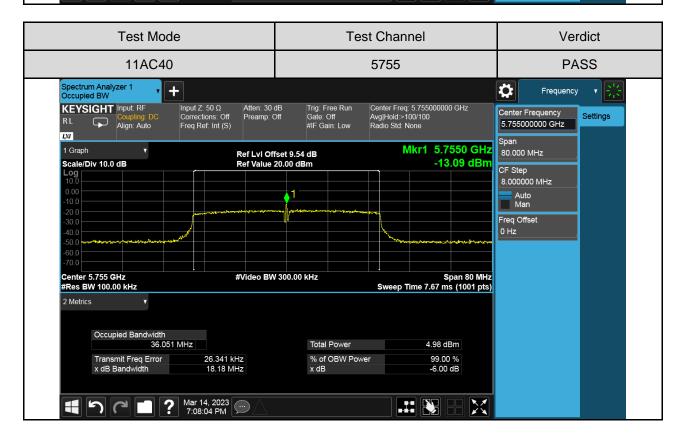




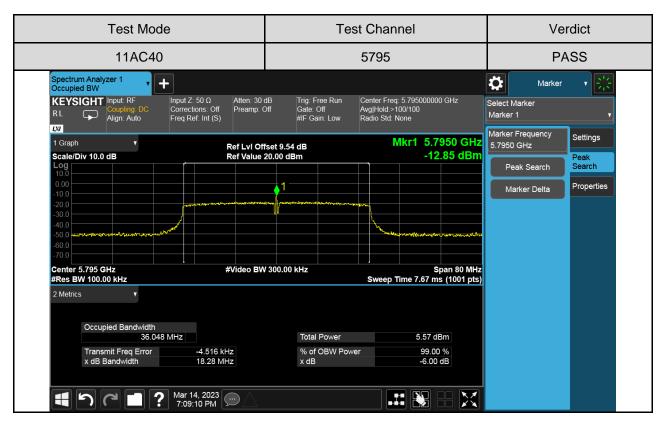


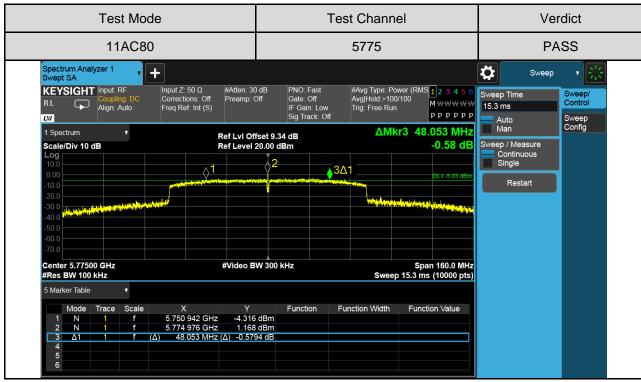


Test Mode Test Channel Verdict 11AC20 5825 **PASS** Spectrum Analyzer 1 Occupied BW Ö Frequency Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off Center Freq: 5.825000000 GHz Avg|Hold:>100/100 KEYSIGHT Input: RF Center Frequency Align: Auto 5.825000000 GHz #IF Gain: Low Radio Std: None DII Mkr1 5.8250 GHz 1 Graph 40.000 MHz Ref LvI Offset 9.61 dB Ref Value 20.00 dBm Scale/Div 10.0 dB -11.85 dBm CF Step 4.000000 MHz Auto Man Freq Offset #Video BW 300.00 kHz Center 5.825 GHz Span 40 MHz Sweep Time 3.87 ms (1001 pts) #Res BW 100.00 kHz 2 Metrics Occupied Bandwidth 5.77 dBm 17.572 MHz Total Power Transmit Freq Error -20.283 kHz % of OBW Power 99.00 % 17.58 MHz -6 00 dB x dB Bandwidth x dB Mar 14, 2023 7:04:10 PM











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6.3. MAXIMUM CONDUCTED AVERAGE OUTPUT POWER

LIMITS

CFR 47 FCC Part15, Subpart E				
Test Item	Limit	Frequency Range (MHz)		
Conducted	☐ Outdoor Access Point: 1 W (30 dBm) ☐ Indoor Access Point: 1 W (30 dBm) ☐ Fixed Point-To-Point Access Points: 1 W (30 dBm) ☐ Client Devices: 250 mW (24 dBm)	5150 ~ 5250		
Output Power	Shall not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.	5250 ~ 5350 5470 ~ 5725		
	Shall not exceed 1 Watt (30 dBm).	5725 ~ 5850		

Remark:

¹⁾The above limits are based upon the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



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TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.E.

Method PM (Measurement using an RF average power meter):

- (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
- a. The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- b. At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
- c. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
- (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
- (iv) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25 %).

Method PM-G (Measurement using a gated RF average power meter):

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

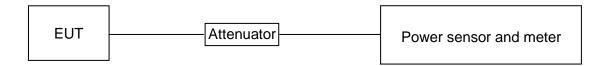


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TEST ENVIRONMENT

Temperature	23.0℃	Relative Humidity	44%
Atmosphere Pressure	102kpa	Test Voltage	DC5V

TEST SETUP



TEST RESULT TABLE

Mode	Frequency	Average Conducted Output Power (dBm)		FCC Conducted Power Limit	
Wode	(MHz)	ANT 1	ANT 2	Total	(dBm)
	5180	11.06	10.18	/	24
	5200	10.29	9.66	/	24
802.11a	5240	9.70	9.42	/	24
602.11a	5745	7.11	4.59	/	30
	5785	8.06	5.09	/	30
	5825	8.08	5.44	/	30
	5180	12.40	11.77	14.97	21.73
	5200	11.67	11.36	14.53	21.73
802.11	5240	11.07	10.97	14.03	21.73
ac 20MIMO	5745	1.74	-0.53	3.76	28.97
	5785	2.22	-0.72	4.00	28.97
	5825	2.55	-0.28	4.37	28.97
	5190	11.13	10.66	13.91	21.73
802.11	5230	10.16	10.07	13.13	21.73
ac 40MIMO	5755	1.22	-1.36	3.13	28.97
	5795	2.03	-0.63	3.91	28.97
802.11	5210	9.74	9.18	12.48	21.73
ac 80MIMO	5775	1.62	-1.12	3.47	28.97

Remark: 1. The test results have already included the duty cycle correction factor. About correction Factor please refer to section 6.2.



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6.4. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15, Subpart E					
Test Item	Limit	Frequency Range (MHz)			
Power Spectral Density	☐ Outdoor Access Point: 17 dBm/MHz ☐ Indoor Access Point: 17 dBm/MHz ☐ Fixed Point-To-Point Access Points: 17 dBm/MHz ☐ Client Devices: 11 dBm/MHz	5150 ~ 5250			
Donoity	11 dBm/MHz	5250 ~ 5350 5470 ~ 5725			
	30 dBm/500kHz	5725 ~ 5850			

Remark:

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

¹⁾The above limits are based upon the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



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Connect the EUT to the spectrum analyser and use the following settings:

For U-NII-1, U-NII-2A and U-NII-2C band:

1 01 0 1 111 1, 0 1 111 27 tall	G 0 1111 20 Saliai
Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1 MHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

For U-NII-3:

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

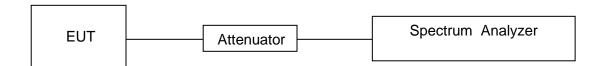
Allow trace to fully stabilize and Use the peak search function on the instrument to find the peak of the spectrum and record its value.

Add $10 \log (1/x)$, where x is the duty cycle, to the peak of the spectrum, the result is the Maximum PSD over 1 MHz / 500 kHz reference bandwidth.

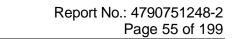
TEST ENVIRONMENT

Temperature	23.0℃	Relative Humidity	44%
Atmosphere Pressure	102kpa	Test Voltage	DC5V

TEST SETUP



Form-ULID-008536-10 V3.0





RESULTS

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
	Ant1	5180	-0.42	<=11	PASS
	Ant2	5180	-1.05	<=11	PASS
440	Ant1	5200	-1.06	<=11	PASS
11A	Ant2	5200	-1.49	<=11	PASS
	Ant1	5240	-1.64	<=11	PASS
	Ant2	5240	-1.87	<=11	PASS
	Ant1		0.99	<=11	PASS
	Ant2	5180	0.27	<=11	PASS
	total		3.66	<=8.73	PASS
	Ant1	5200	0.11	<=11	PASS
11AC20MIMO	Ant2		-0.18	<=11	PASS
	total		2.98	<=8.73	PASS
	Ant1	5240	-0.57	<=11	PASS
	Ant2		-0.64	<=11	PASS
	total		2.41	<=8.73	PASS
	Ant1		-3.18	<=11	PASS
	Ant2	5190	-3.8	<=11	PASS
11AC40MIMO	total		-0.47	<=8.73	PASS
1 1AC40IVIIIVIO	Ant1		-3.97	<=11	PASS
	Ant2	5230	-4.22	<=11	PASS
	total		-1.08	<=8.73	PASS
	Ant1		-7.38	<=11	PASS
11AC80MIMO	Ant2	5210	-6.82	<=11	PASS
	total		-4.08	<=8.73	PASS



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Test Mode	Antenna	Channel	Power [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
	Ant1	5745	-1.68	<=30	PASS
	Ant2	5745	-4.09	<=30	PASS
11A	Ant1	5785	-0.65	<=30	PASS
HA	Ant2	5785	-3.41	<=30	PASS
	Ant1	5825	-0.63	<=30	PASS
	Ant2	5825	-2.98	<=30	PASS
	Ant1		-9.35	<=28.97	PASS
	Ant2	5745	-11.52	<=28.97	PASS
	total		-7.29	<=28.97	PASS
	Ant1	5785	-8.36	<=28.97	PASS
11AC20MIMO	Ant2		-11.13	<=28.97	PASS
	total		-6.52	<=28.97	PASS
	Ant1	5825	-8.1	<=28.97	PASS
	Ant2		-10.86	<=28.97	PASS
	total		-6.25	<=28.97	PASS
	Ant1		-9.66	<=28.97	PASS
	Ant2	5755	-12.16	<=28.97	PASS
11AC40MIMO	total		-7.72	<=28.97	PASS
1 1AC40IVIIIVIO	Ant1		-8.67	<=28.97	PASS
	Ant2	5795	-11.41	<=28.97	PASS
	total		-6.82	<=28.97	PASS
	Ant1		-8.84	<=28.97	PASS
11AC80MIMO	Ant2	5775	-11.62	<=28.97	PASS
	total		-7.00	<=28.97	PASS

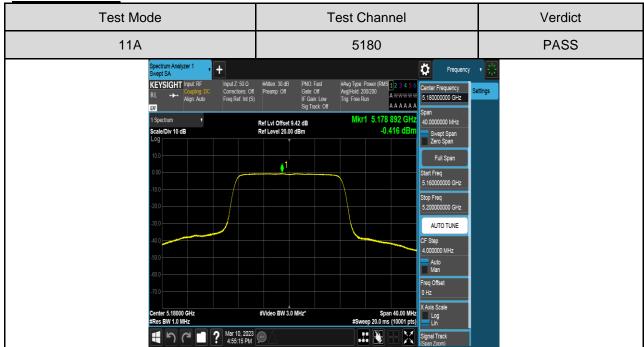
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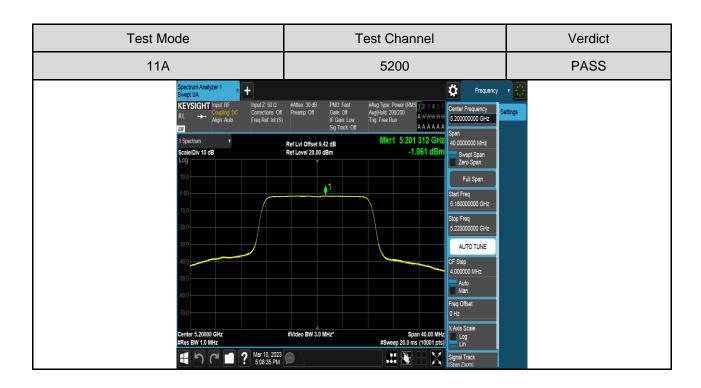
- 1) The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.
- 2) The test result has considered the difference RBW setting as the factor in test data through "Ref Lvl Offset" parameter in test graphs. The final "Ref Lvl Offset" =Actual Cable loss+ correction factor(10log(500/300)).



TEST GRAPHS

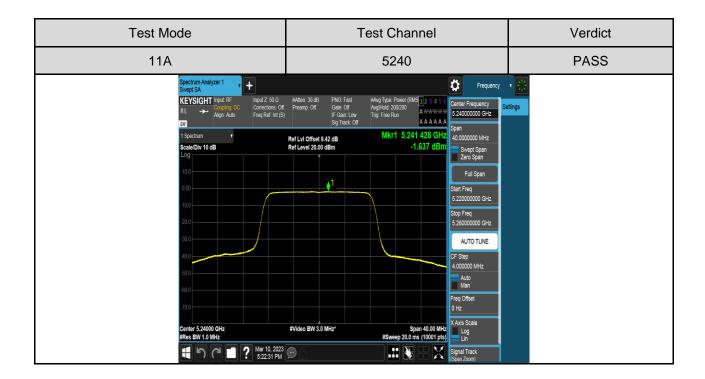
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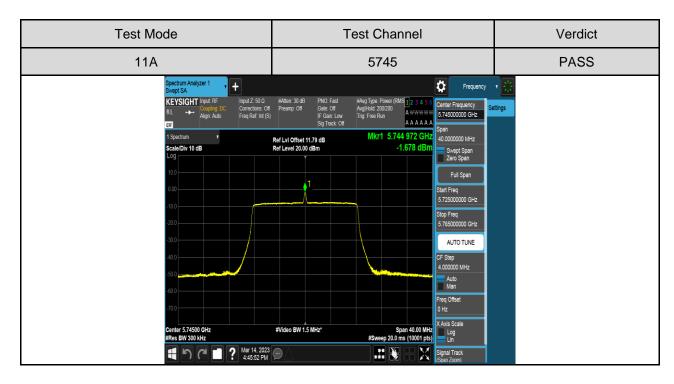




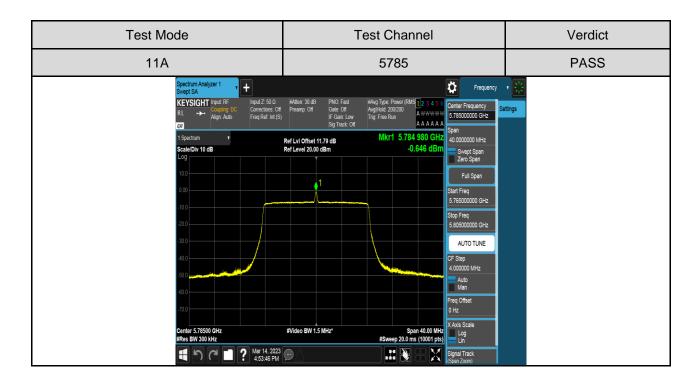


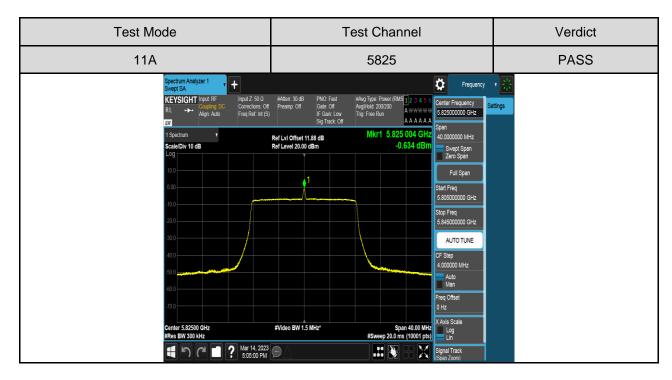




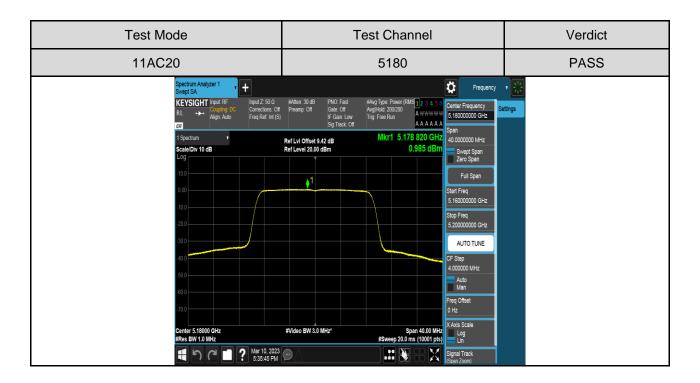


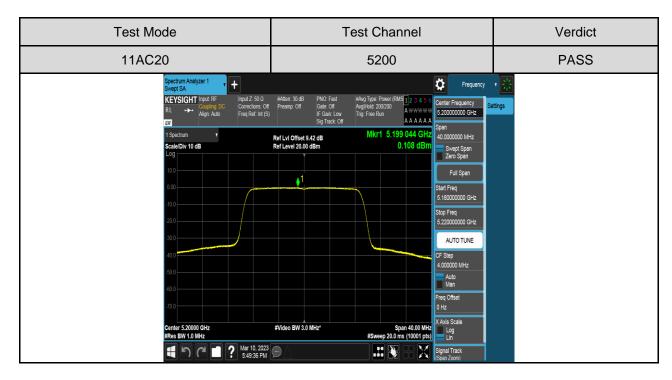




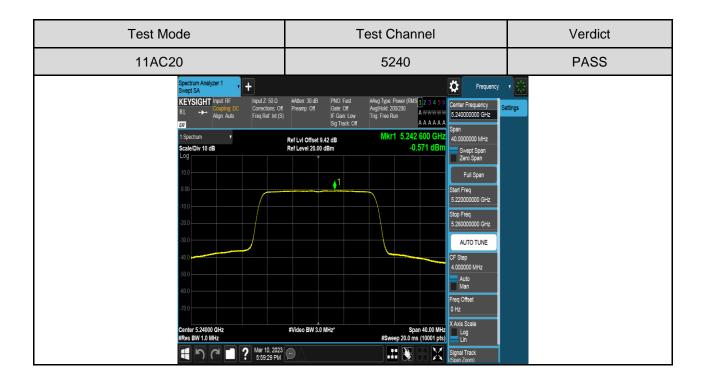


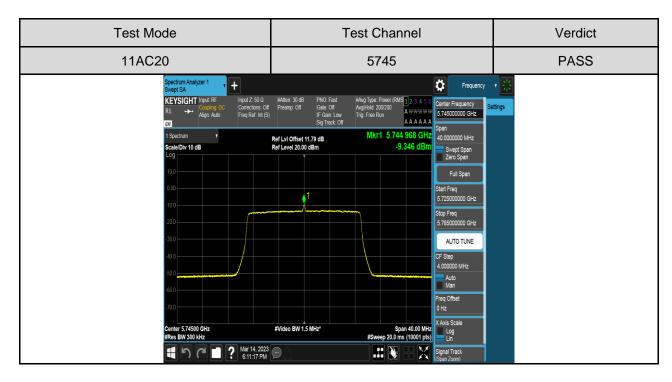




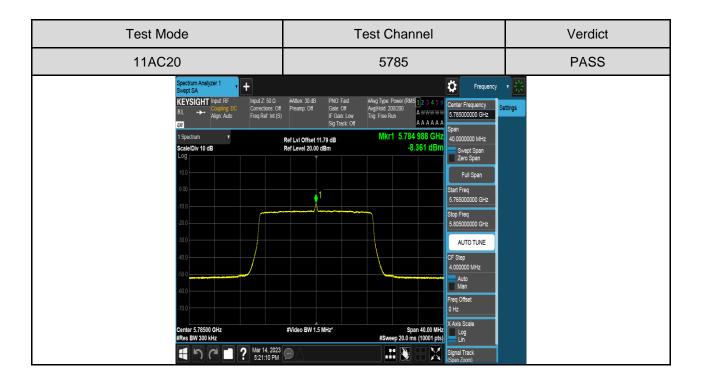


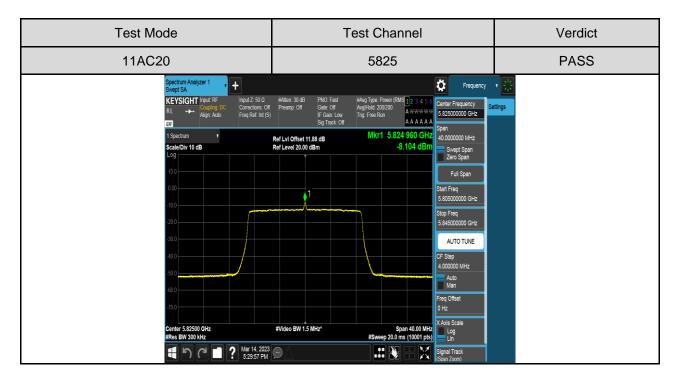




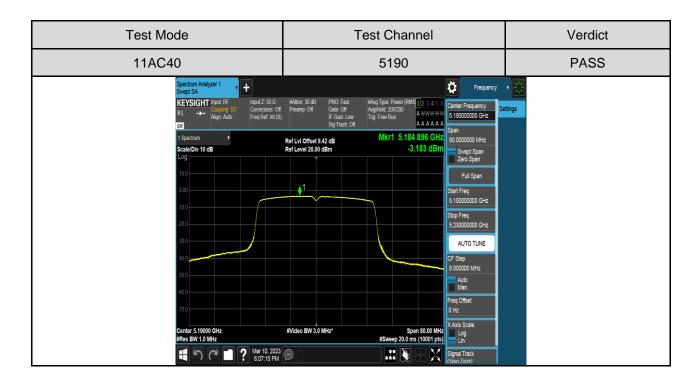


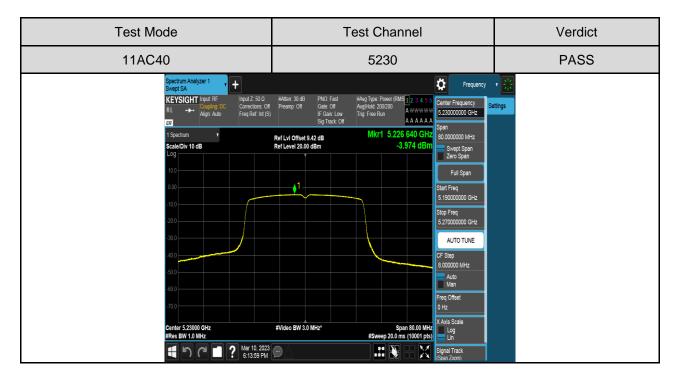




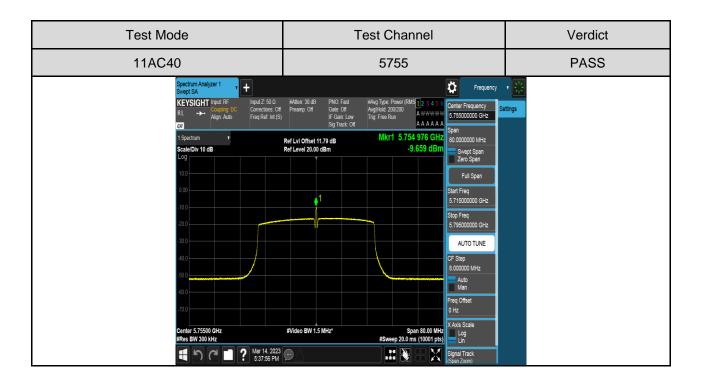


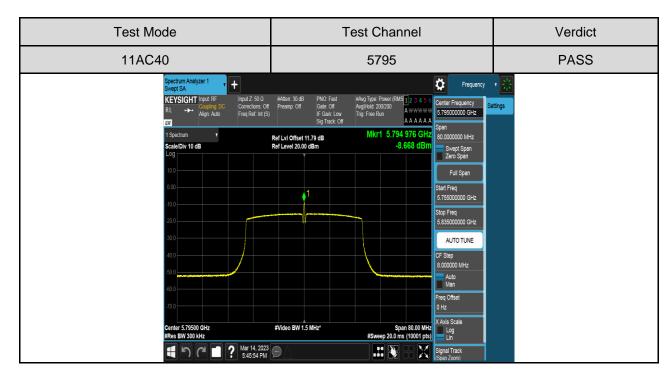




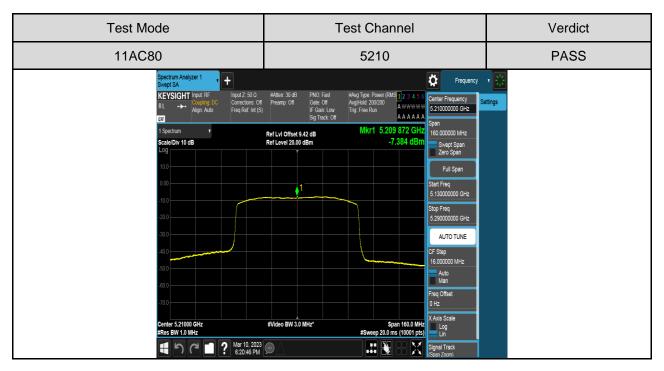


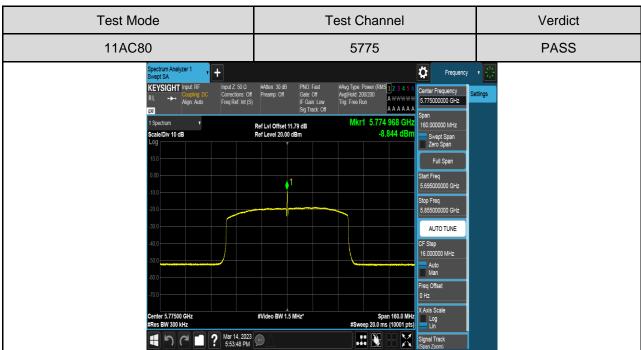






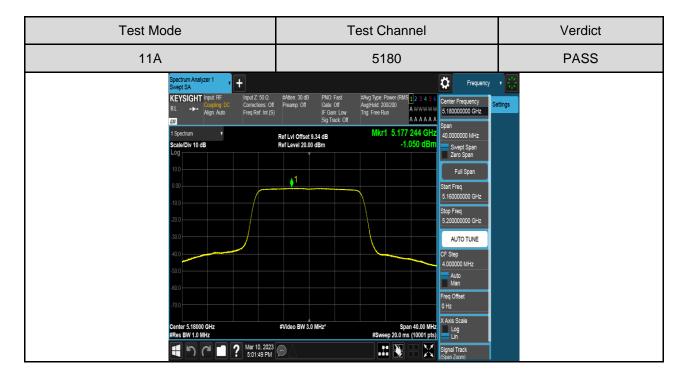


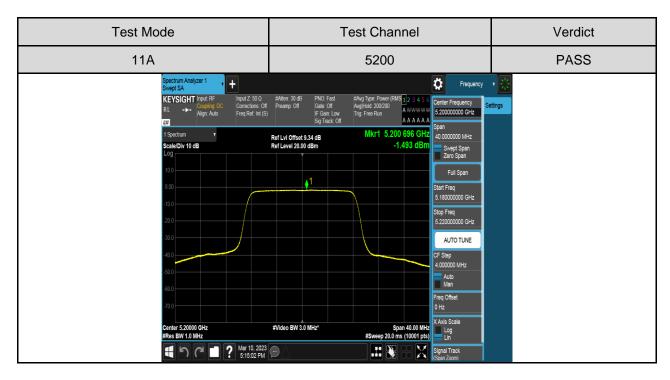




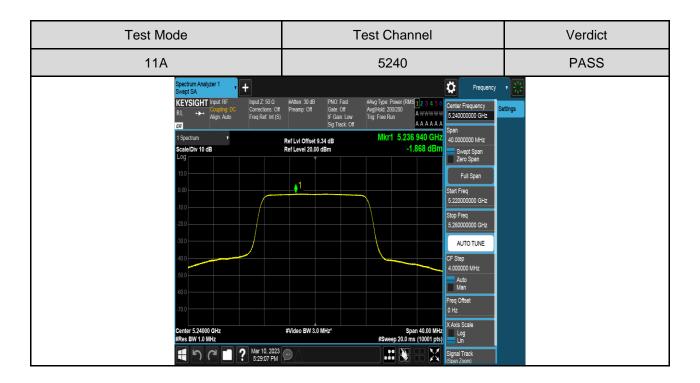


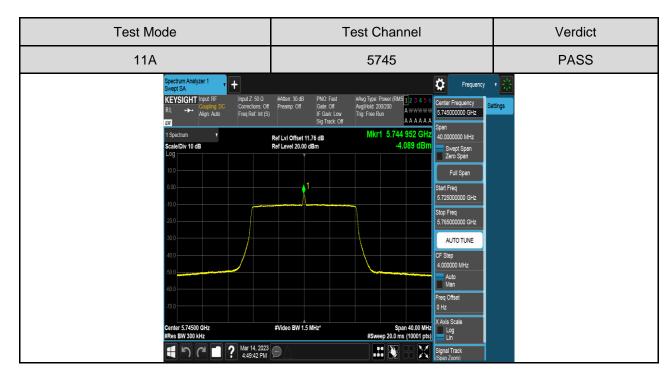
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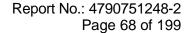






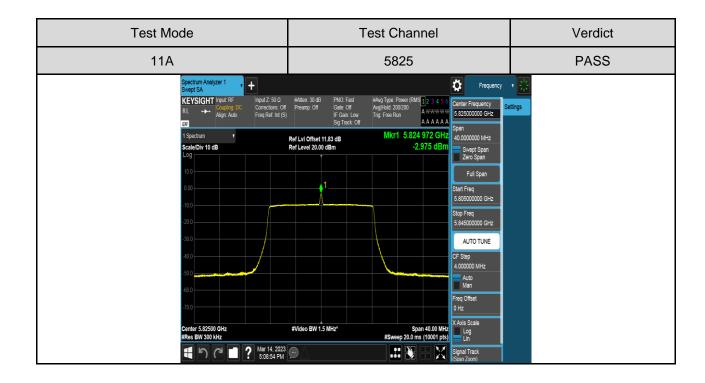


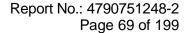




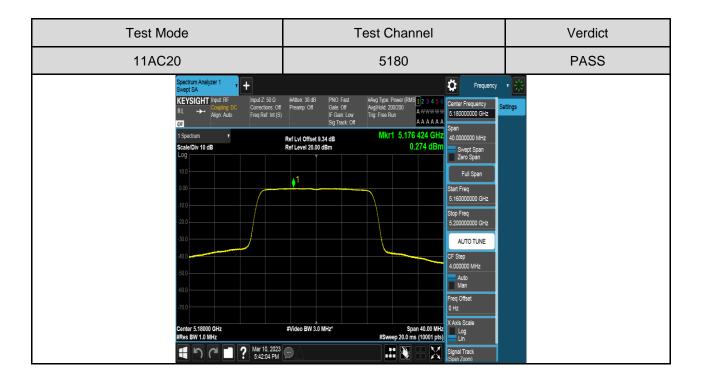


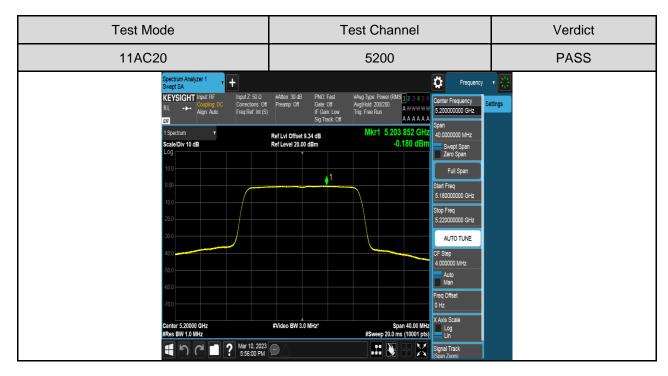
Test Mode **Test Channel** Verdict 5785 **PASS** 11A Ö KEYSIGHT Input RI Mkr1 5.784 972 GH Ref LvI Offset 11.76 dB Ref Level 20.00 dBm -3.406 dE AUTO TUNE Auto Man req Offset #Video BW 1.5 MHz* Log Lin ? Mar 14, 2023 5:00:56 PM

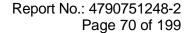




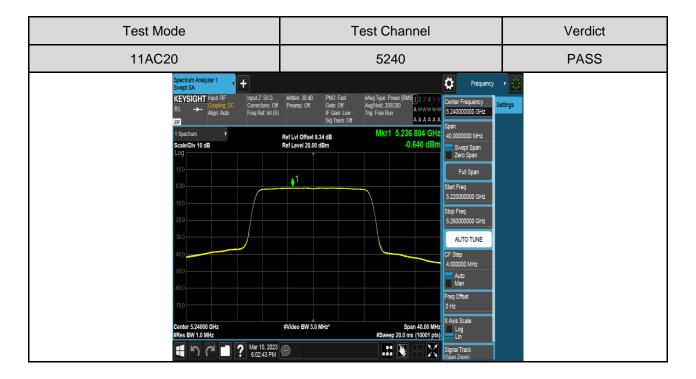


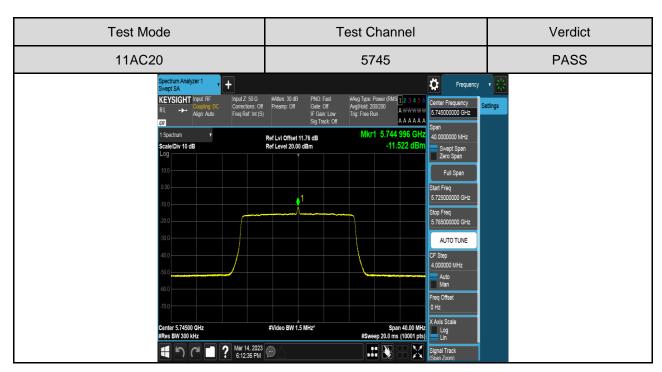




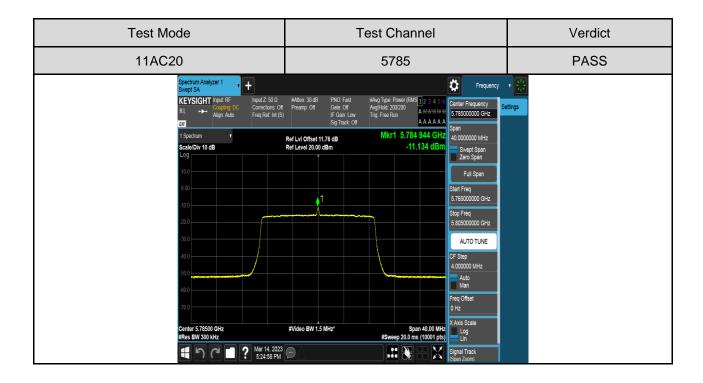


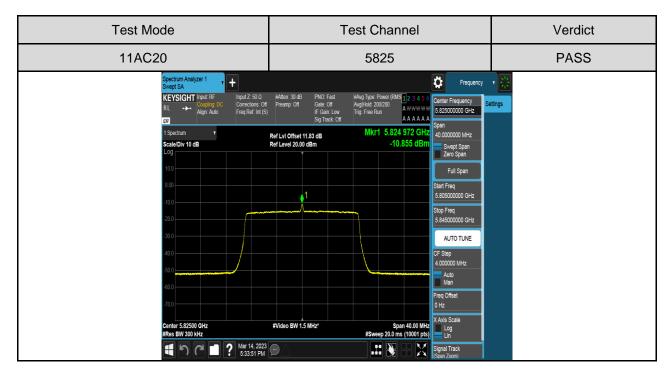




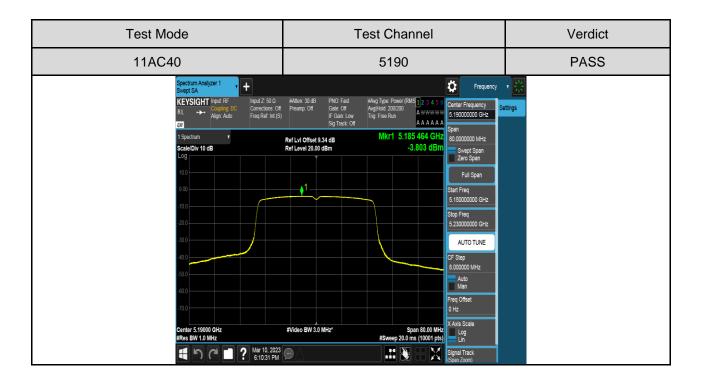


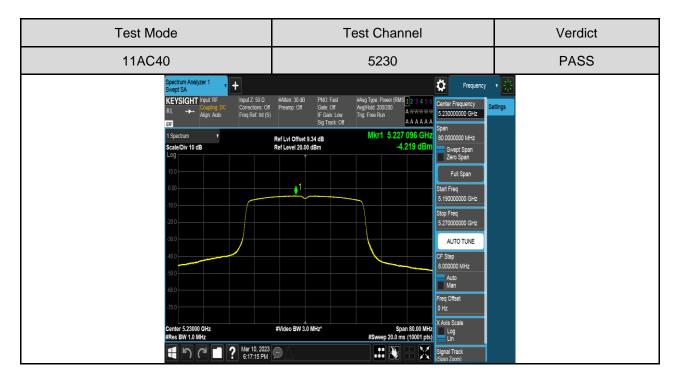


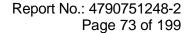




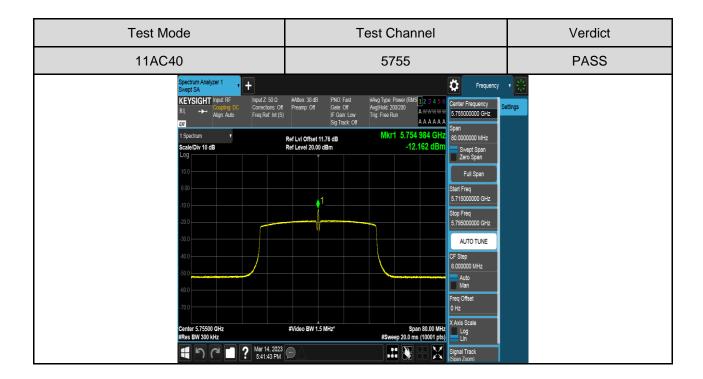


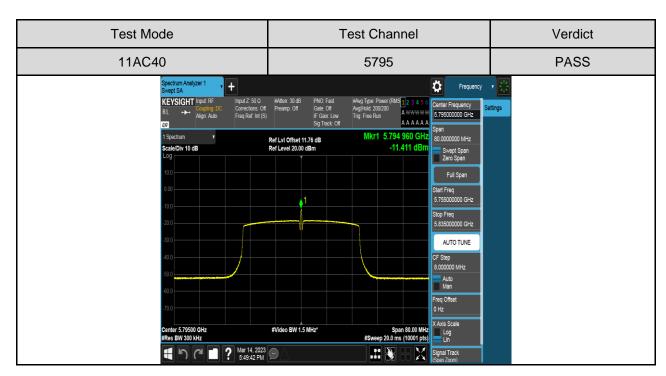




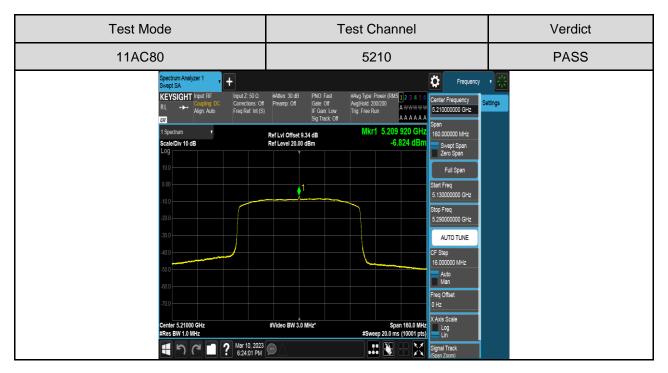


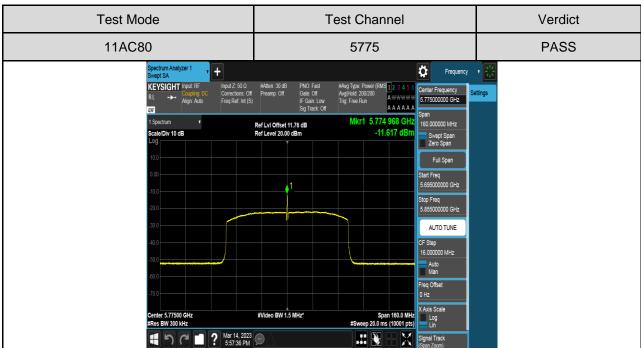














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7. RADIATED TEST RESULTS

LIMITS

Refer to CFR 47 FCC §15.205, §15.209 and §15.407 (b).

Refer to ISED RSS-GEN Clause 8.9, Clause 8.10 and ISED RSS-247 6.2.

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

Emissions radiated outside of the specified frequency bands above 30 MHz				
Frequency Range	Field Strength Limit	Field Strength Limit		
(MHz)	(uV/m) at 3 m	(dBuV/m) at 3 m		
		Quasi-Peak		
30 - 88	100	40		
88 - 216	150	43.5		
216 - 960	200	46		
Above 960	500	54		
Above 1000	500	Peak	Average	
Above 1000	300	74	54	

FCC Emissions radiated outside of the specified frequency bands below 30 MHz						
Frequency (MHz) Field strength (microvolts/meter) Measurement distance (meters)						
0.009-0.490	2400/F(kHz)	300				
0.490-1.705	24000/F(kHz)	30				
1.705-30.0						



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FCC Restricted bands of operation refer to FCC §15.205 (a):

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

Remark: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. ²Above 38.6c

Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b).

LIMITS OF	LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)						
Frequency Range	EIRP Limit	Field Strength Limit					
(MHz)	EIRF LIIIIIL	(dBuV/m) at 3 m					
5150~5250 MHz							
5250~5350 MHz	PK: -27 (dBm/MHz)	PK:68.2(dBµV/m)					
5470~5725 MHz							
	PK: -27 (dBm/MHz) *1	PK: 68.2(dBµV/m) *1					
5725~5850 MHz	PK: 10 (dBm/MHz) *2	PK: 105.2 (dBµV/m) *2					
	PK: 15.6 (dBm/MHz) *3	PK: 110.8(dBµV/m) *3					
	PK: 27 (dBm/MHz) *4	PK: 122.2 (dBµV/m) *4					

Remark:

^{*1} beyond 75 MHz or more above of the band edge.

^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

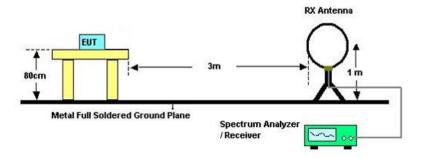
^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.



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TEST SETUP AND PROCEDURE

Below 30 MHz

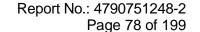


The setting of the spectrum analyser

RBW	200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto
Trace	Max hold

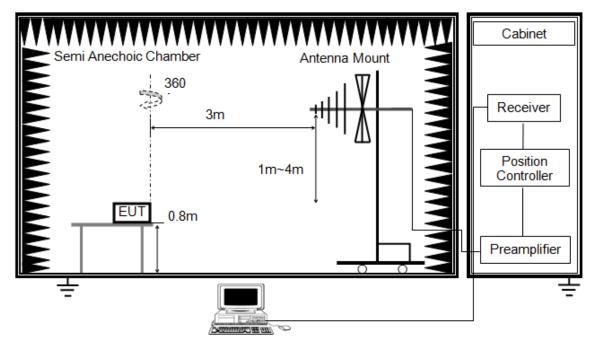
- 1. The testing follows the guidelines in ANSI C63.10-2013 and KDB 414788.
- 2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
- 3. The EUT was placed on a turntable with 80 cm above ground.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
- 5. The radiated emission limits are based on measurements employing a CISPR guasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
- 6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode remeasured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the guasi-peak and average detector and reported.
- 7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
- 8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ω. For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

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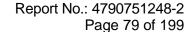
Below 1 GHz and above 30 MHz



The setting of the spectrum analyser

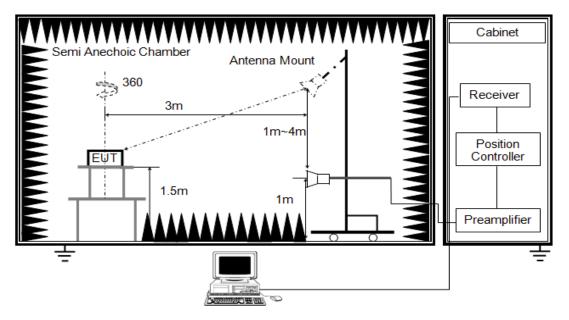
RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

- 1. The testing follows the guidelines in ANSI C63.10-2013 clause 11.11.
- 2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 3. The EUT was placed on a turntable with 80 cm above ground.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.





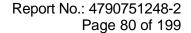
Above 1G



The setting of the spectrum analyzer

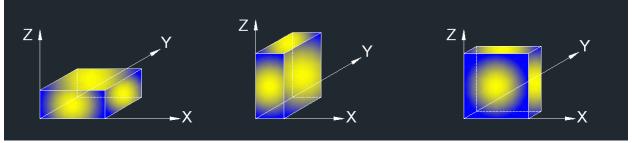
RBW	1MHz
IVEW	PEAK: 3MHz AVG: see Remark 6
Sweep	Auto
Detector	Peak
Trace	Max hold

- 1. The testing follows the guidelines in ANSI C63.10-2013.
- 2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the Antenna 1re set to make the measurement.
- 3. The EUT was placed on a turntable with 1.5m above ground.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
- 6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector. For the Duty Cycle please refer to clause 6.2. ON TIME AND DUTY CYCLE.





X axis, Y axis, Z axis positions:



Remark 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.



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7.1. RESTRICTED BANDEDGE

TEST ENVIRONMENT

Temperature	22.0℃	Relative Humidity	53.5%
Atmosphere Pressure	102kpa	Test Voltage	DC5V

TEST RESULT TABLE

Test Mode	Antenna	Channel	Puw(dBm)	Verdict
		5180	<limit< td=""><td>PASS</td></limit<>	PASS
11A	Ant1	5240	<limit< td=""><td>PASS</td></limit<>	PASS
HA	Anti	5745	<limit< td=""><td>PASS</td></limit<>	PASS
		5825	<limit< td=""><td>PASS</td></limit<>	PASS
	Ant1+2	5180	<limit< td=""><td>PASS</td></limit<>	PASS
11AC20MIMO		5240	<limit< td=""><td>PASS</td></limit<>	PASS
TTACZUMINIO		5745	<limit< td=""><td>PASS</td></limit<>	PASS
		5825	<limit< td=""><td>PASS</td></limit<>	PASS
	A m44 + O	5190	<limit< td=""><td>PASS</td></limit<>	PASS
11AC40MIMO		5230	<limit< td=""><td>PASS</td></limit<>	PASS
TTAC40MIIMO	Ant1+2	5755	<limit< td=""><td>PASS</td></limit<>	PASS
		5795	<limit< td=""><td>PASS</td></limit<>	PASS
11AC80MIMO	Ant1 . 2	5210	<limit< td=""><td>PASS</td></limit<>	PASS
TACOUNTINO	Ant1+2	5775	<limit< td=""><td>PASS</td></limit<>	PASS

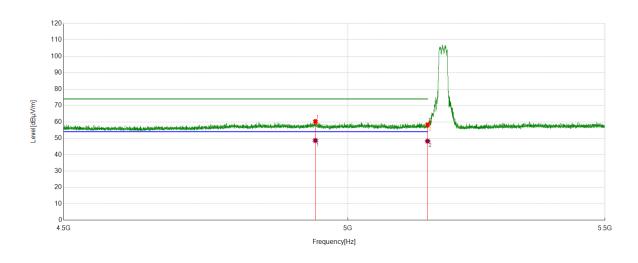
Remark:

- 1) Since 802.11ac VHT20/VHT40 modes are different from 802.11n HT20/HT40 only in control messages, so all the tests are performed on the worst case (802.11ac VHT20/802.11ac VHT40) mode between these 4 modes and only the worst data was recorded in this report.
- 2) Through pre-testing both antennas of 11A test mode, but only the data of worse case is included in this test report.



TEST GRAPHS:

Test Mode	Test Mode Channel		Verdict	
11A	5180	Horizontal	PASS	



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4940.244	39.86	20.45	60.31	74.00	13.69	peak
2	5150.0000	38.77	19.46	58.23	74.00	15.77	peak

AV Result:

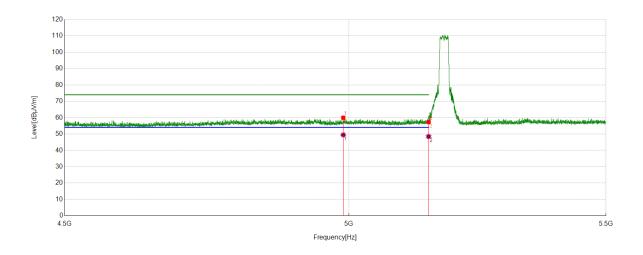
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4940.244	28.17	20.45	48.62	54.00	5.38	AV
2	5150.0000	28.79	19.46	48.25	54.00	5.75	AV

Remark: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict	
11A	5180	Vertical	PASS	



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4989.649	39.35	20.58	59.93	74.00	14.07	peak
2	5150.0000	37.87	19.46	57.33	74.00	16.67	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4989.649	28.89	20.58	49.47	54.00	4.53	AV
2	5150.0000	29.03	19.46	48.49	54.00	5.51	AV

Remark: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.