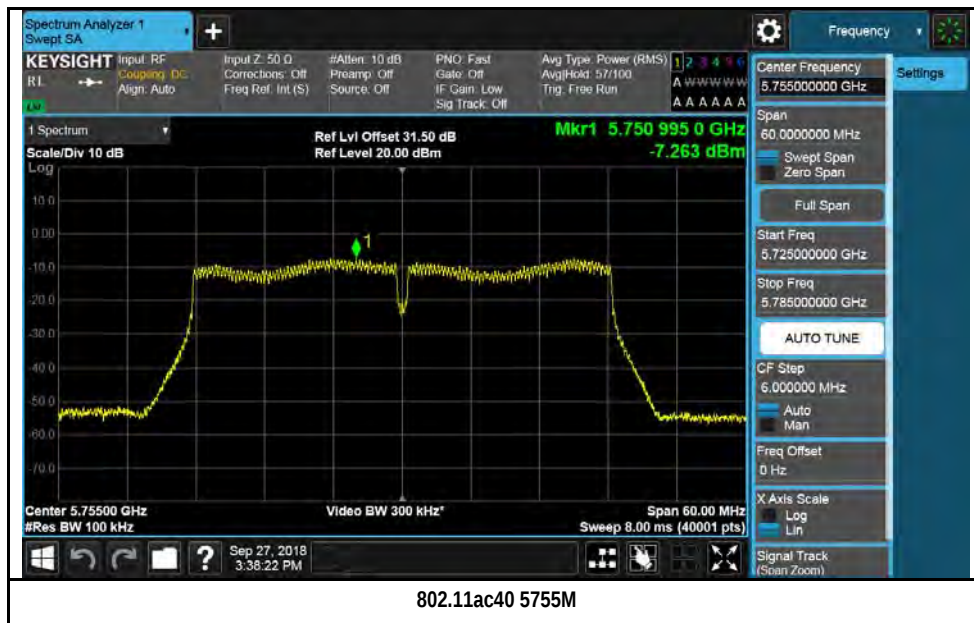


Chain 1:







802.11ac40 5795M

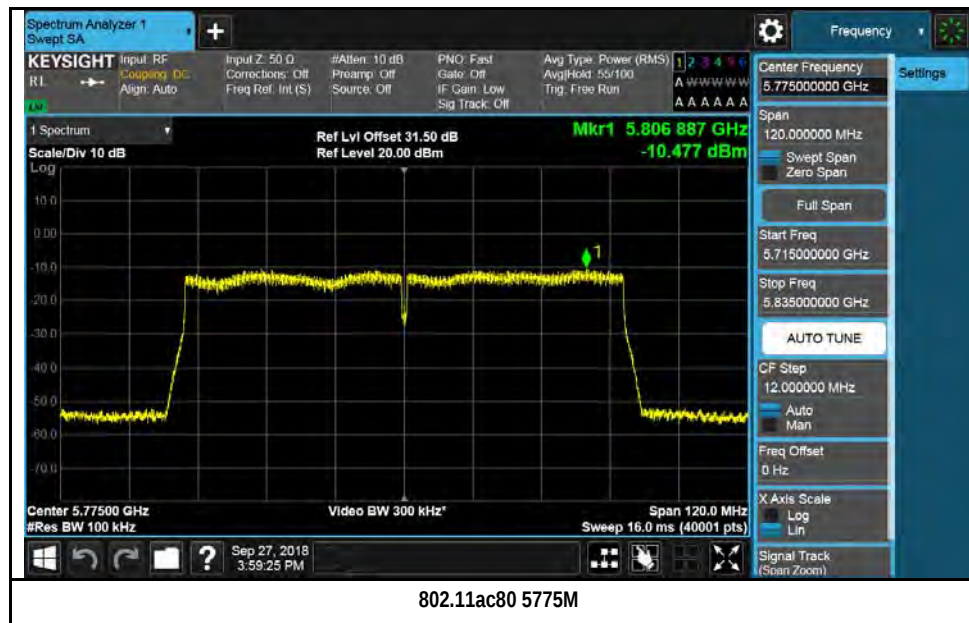


802.11ac80 5775M

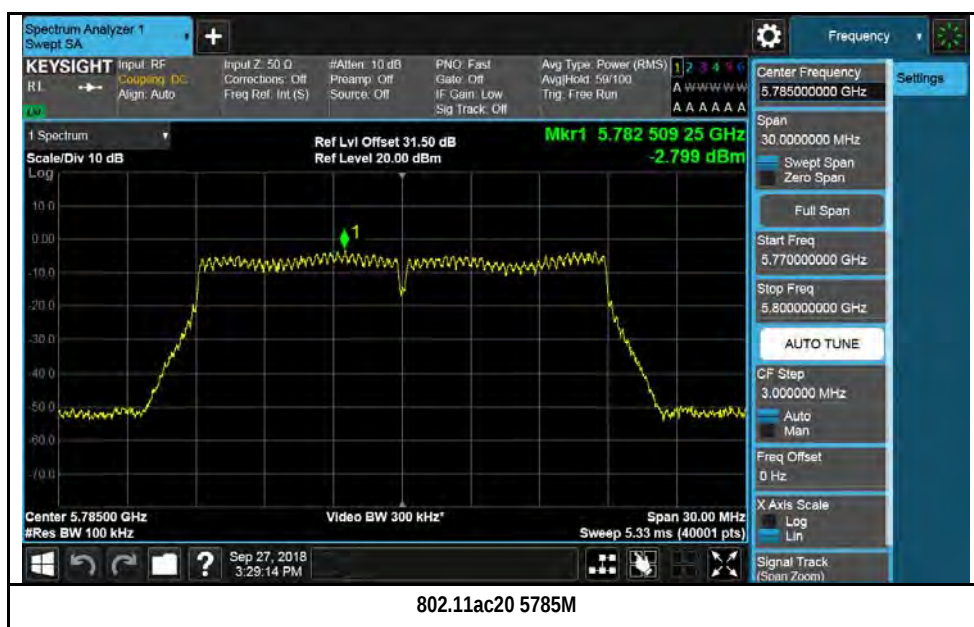
Chain 2:

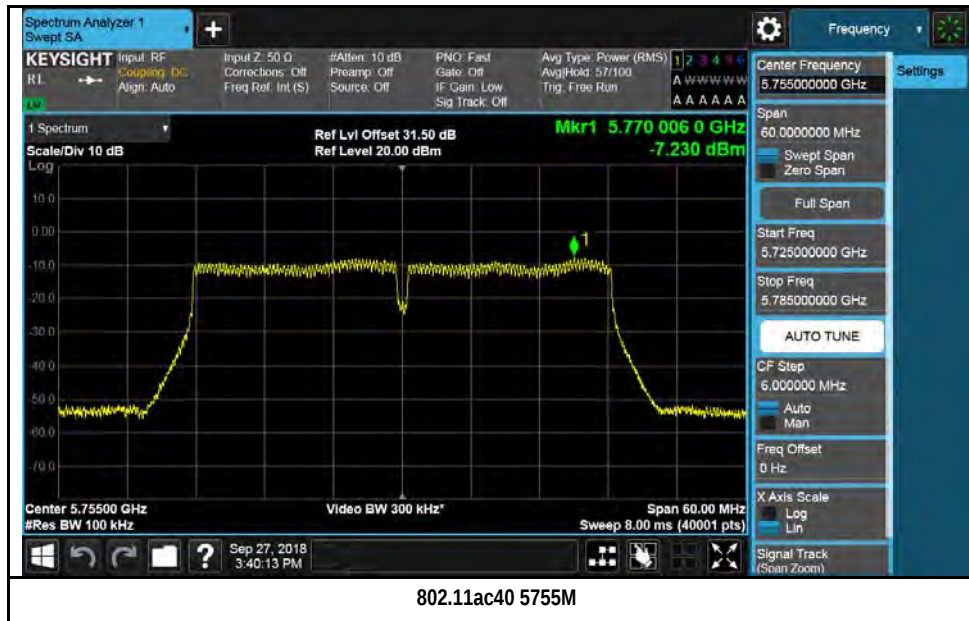






Chain 3:

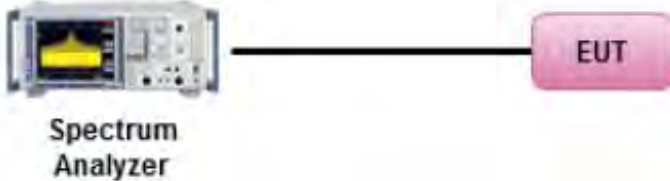






10.5 Band Edge and Emission Mask Measurement

Requirement(s):

Spec	Item	Requirement	Applicable
47CFR§ 15.407(b)(2), 15.407(b)(6)	(1)	For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.	☒
	(4)	For transmitters operating in the 5.725-5.825 GHz band: all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	☒
Test Setup			
Procedure	789033 D02 General UNII Test Procedures New Rules v01r02, II.F. Method SA-1 <u>Band Edge measurement:</u> - For average emissions measurements, follow the procedures described in section II.G.6., "Procedures for Average Unwanted Emissions Measurements above 1000 MHz", except for the following changes: - Set RBW=100kHz - Set VBW=300kHz - Perform a band-power integration across the 1 MHz bandwidth in which the band-edge emission level is to be measured.		
Remark	Directional gain was added to the offset.		
Result	☒ Pass ☐ Fail		

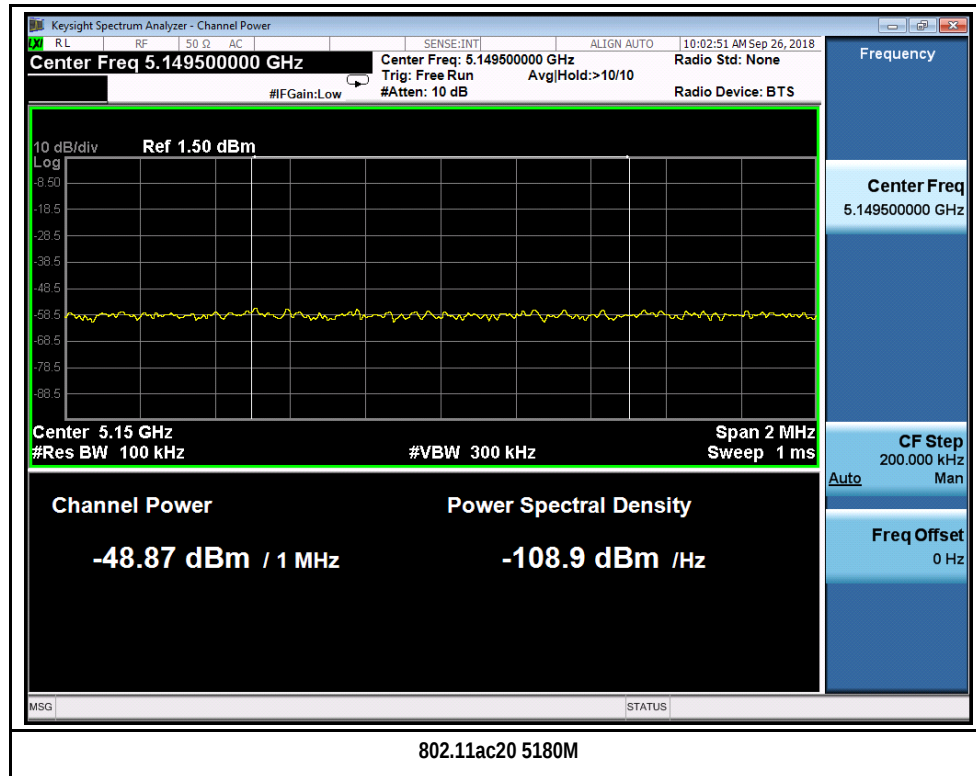
Test Data ☐ Yes (See below) ☒ N/A

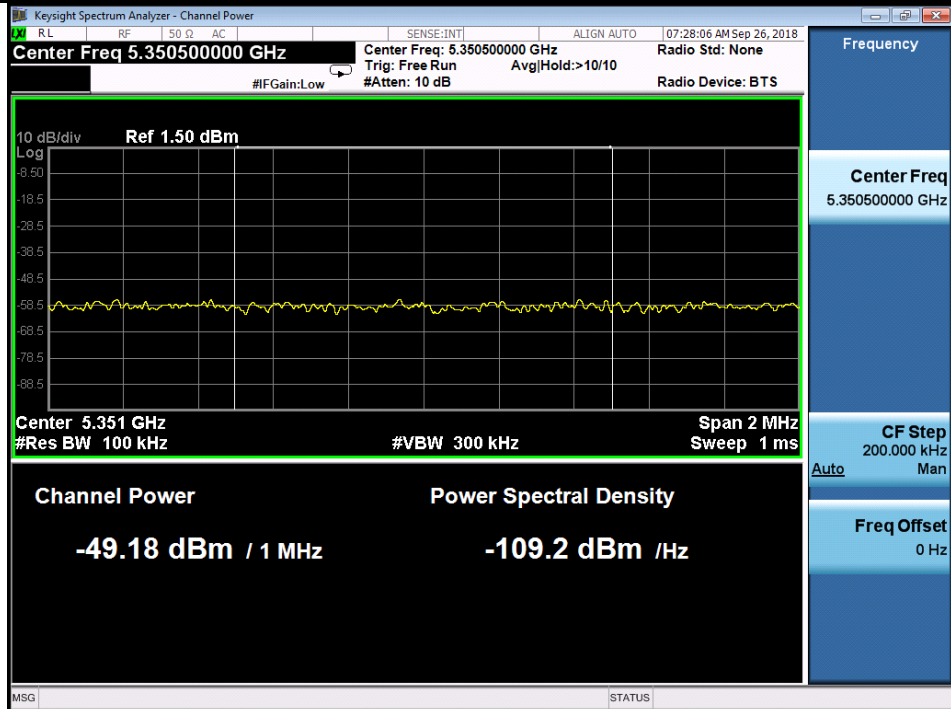
Test Plot ☒ Yes (See below) ☐ N/A

Test was done by Gary Chou at RF test site.

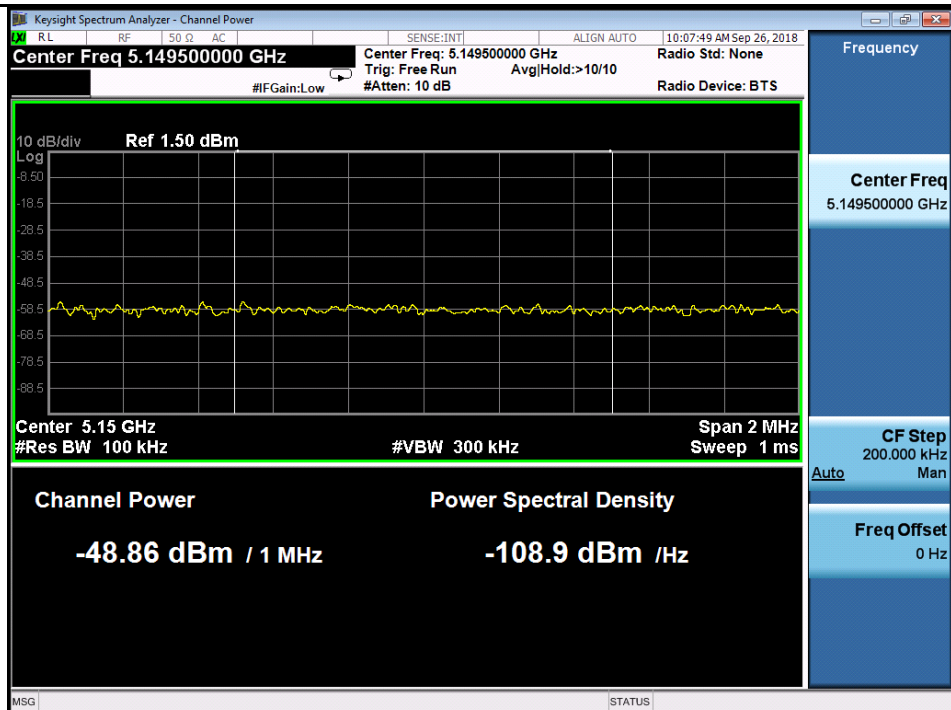
Test Plot for W52:

Chain 0:





802.11ac20 5240M



802.11ac40 5190M

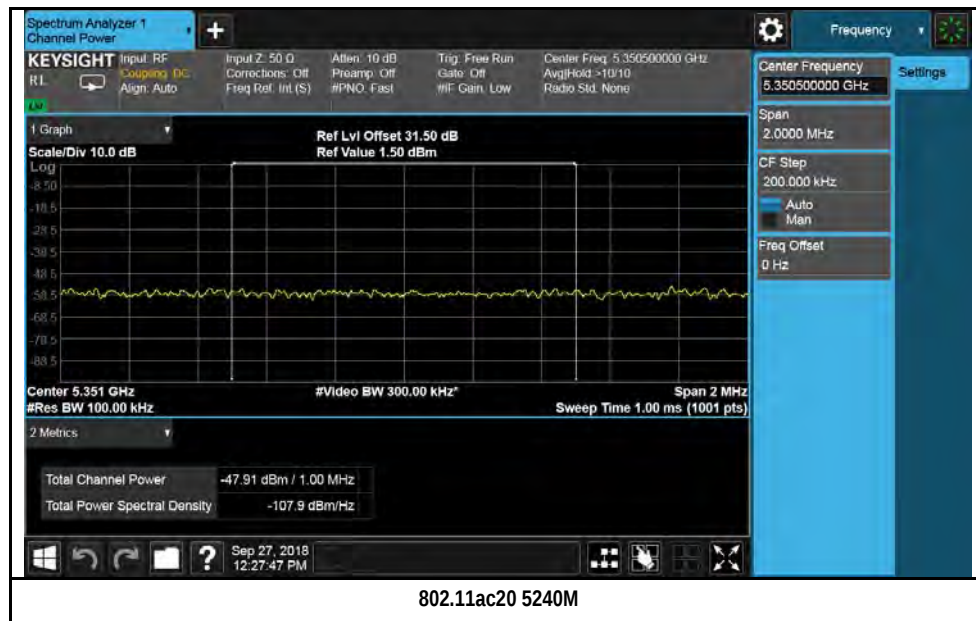
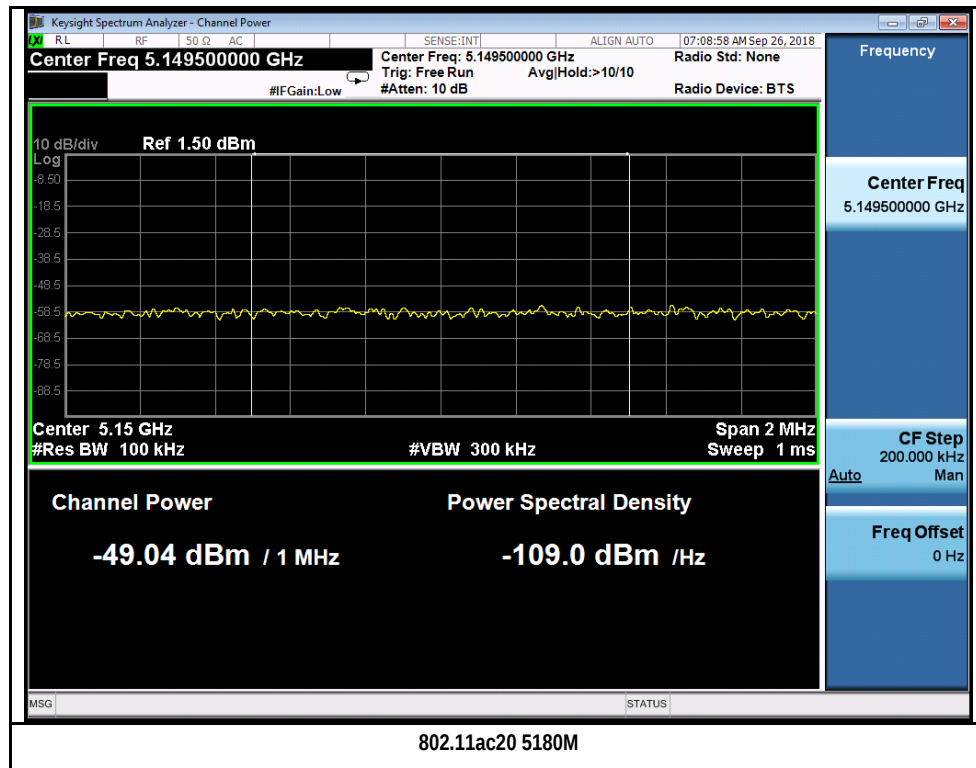


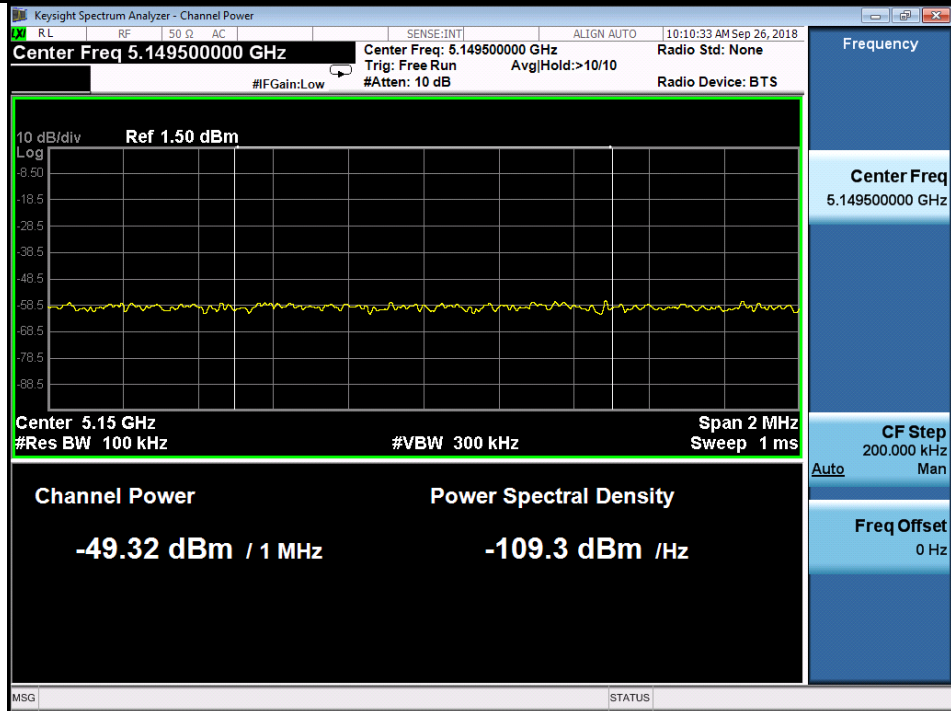
802.11ac40 5230M



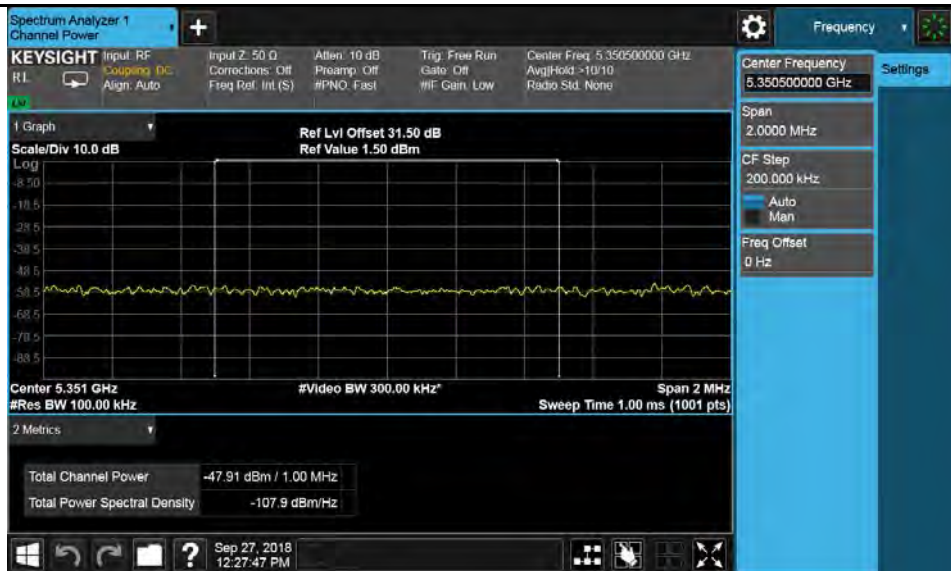
802.11ac80 5210M

Chain 1:

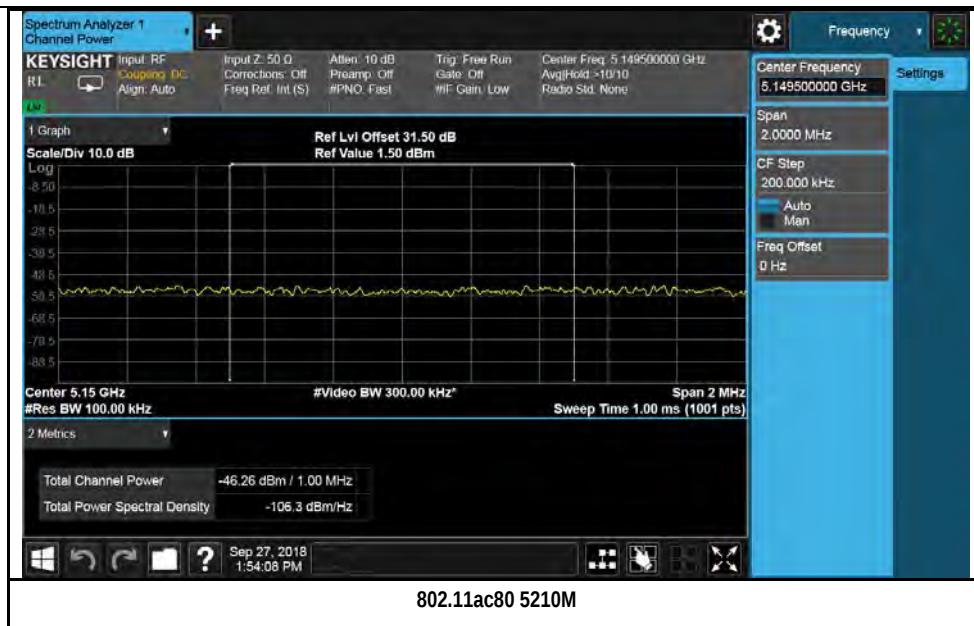




802.11ac40 5190M

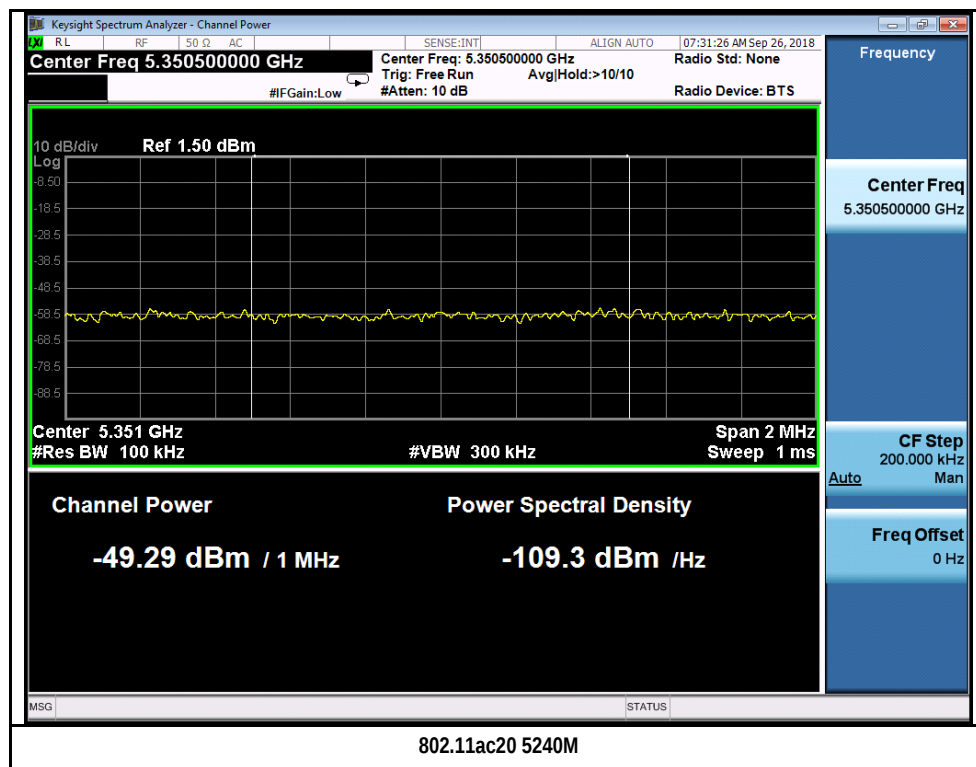
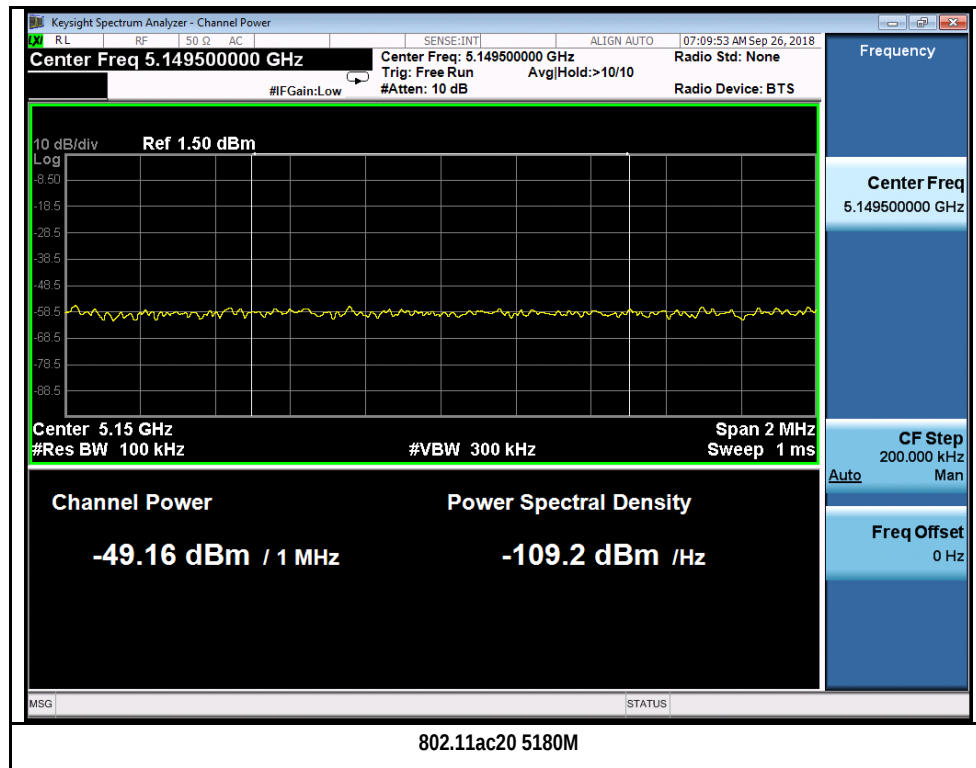


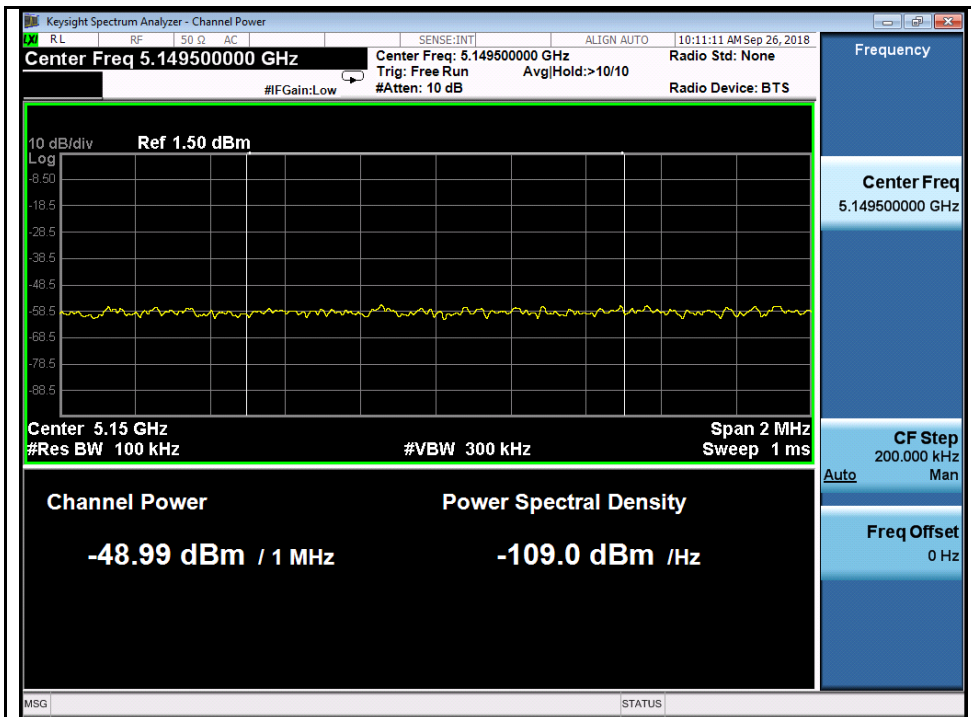
802.11ac40 5230M



802.11ac80 5210M

Chain 2:

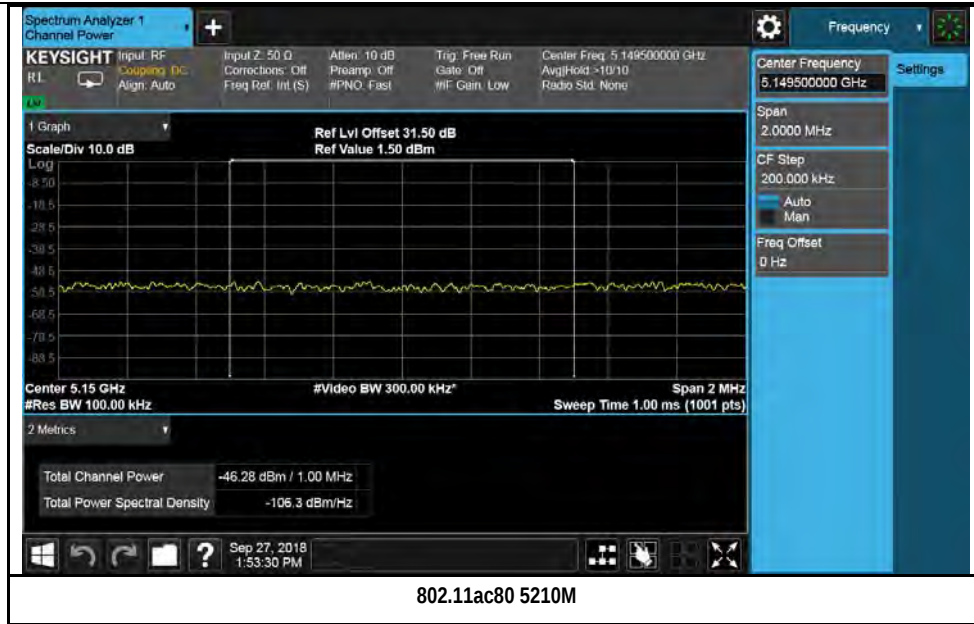




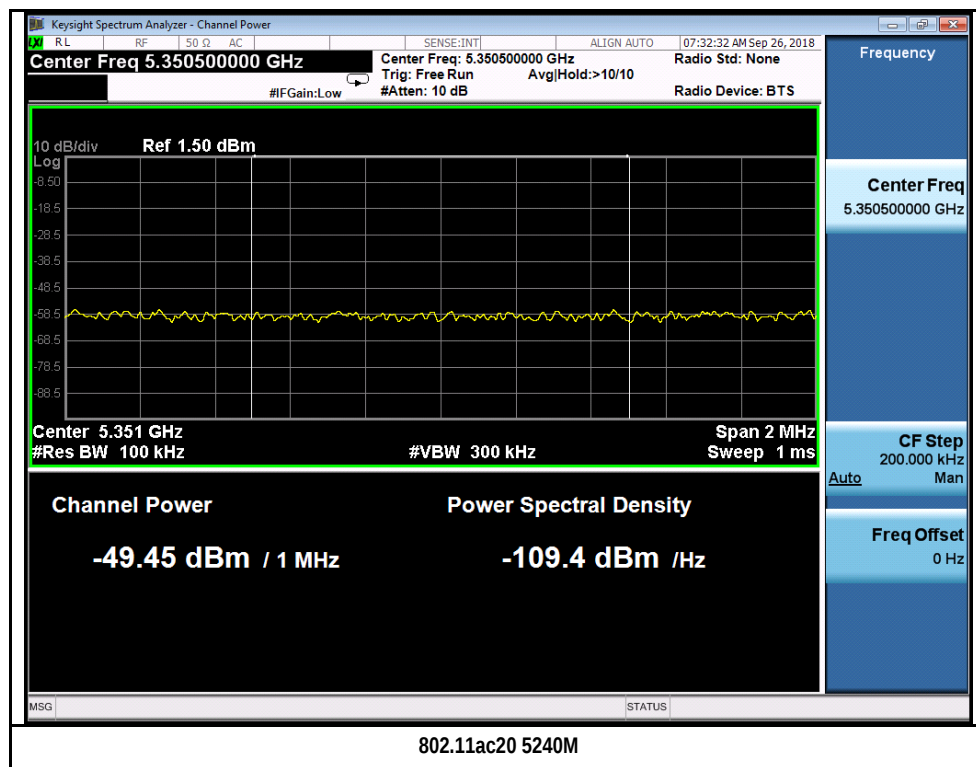
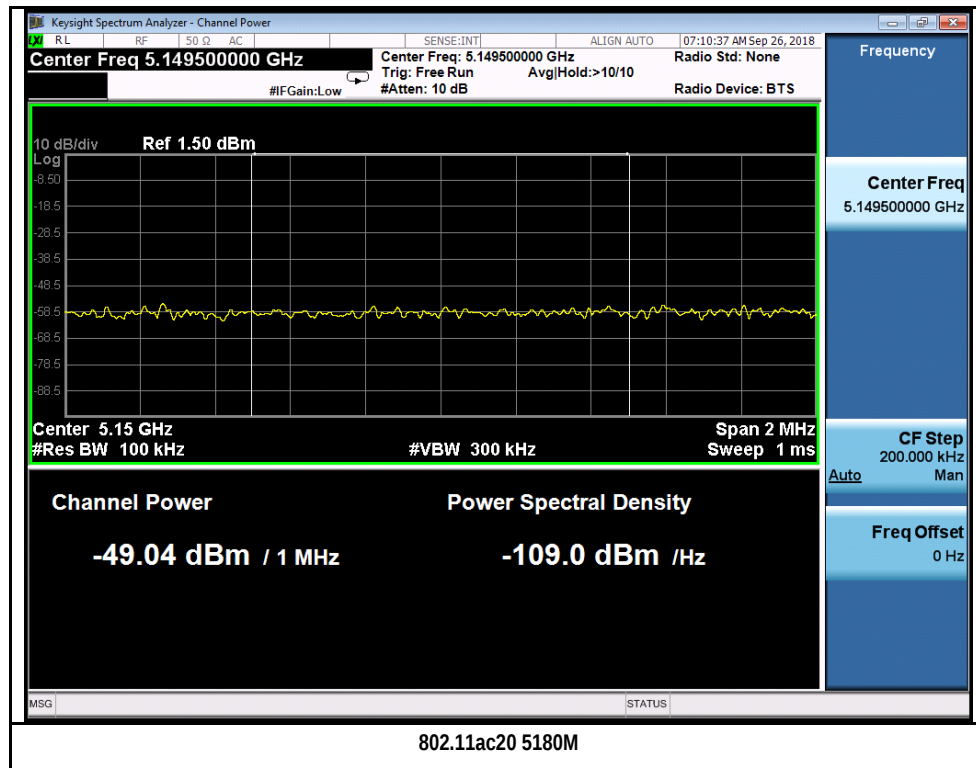
802.11ac40 5190M

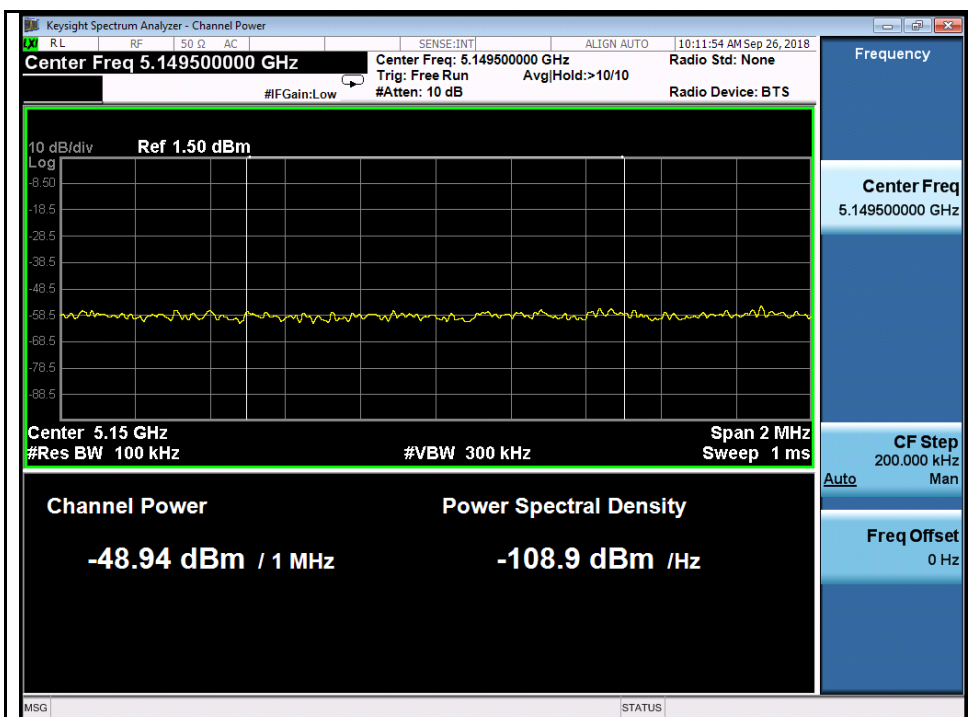


802.11ac40 5230M



Chain 3:

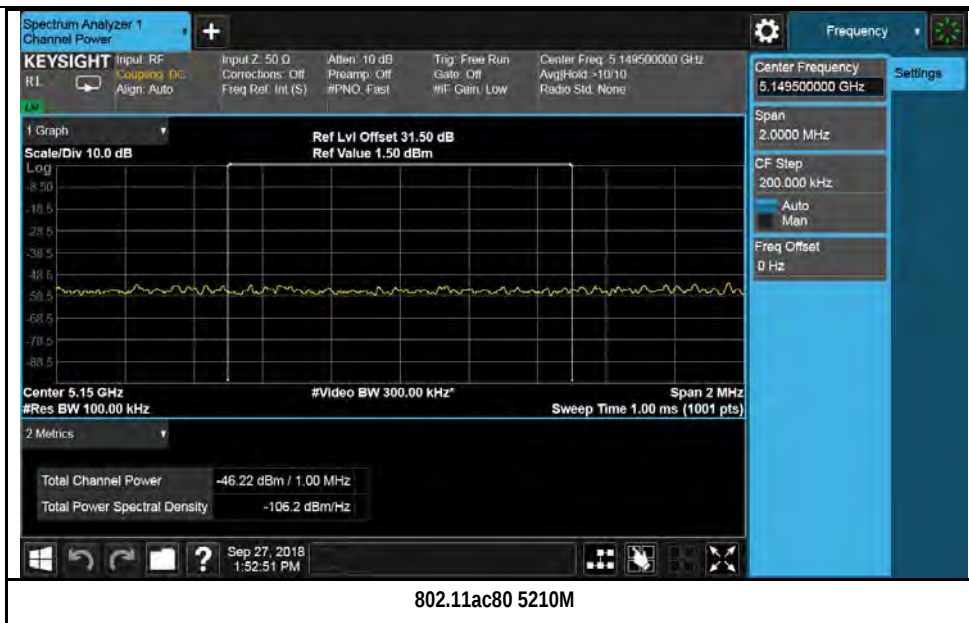




802.11ac40 5190M

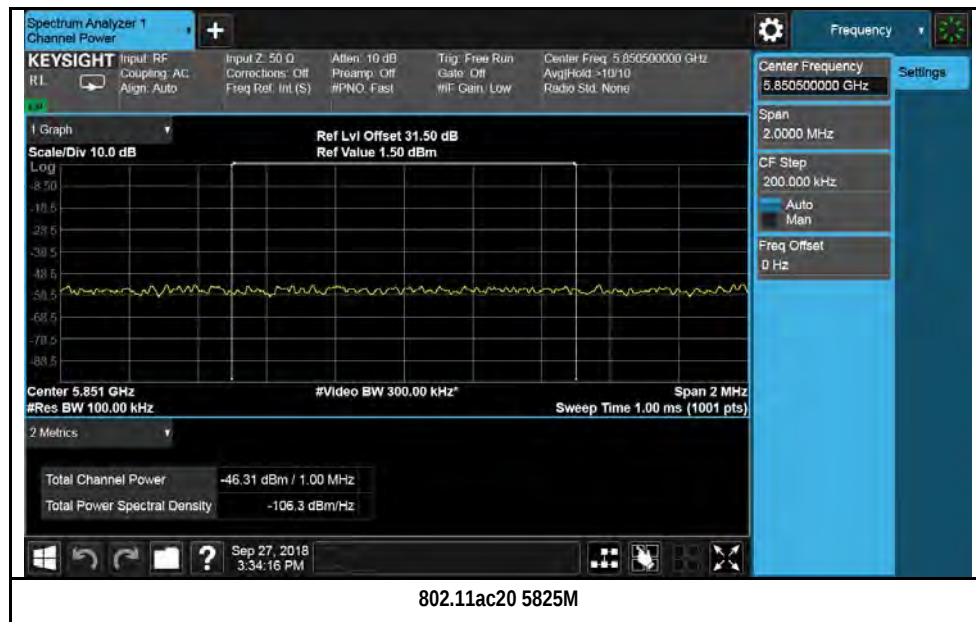
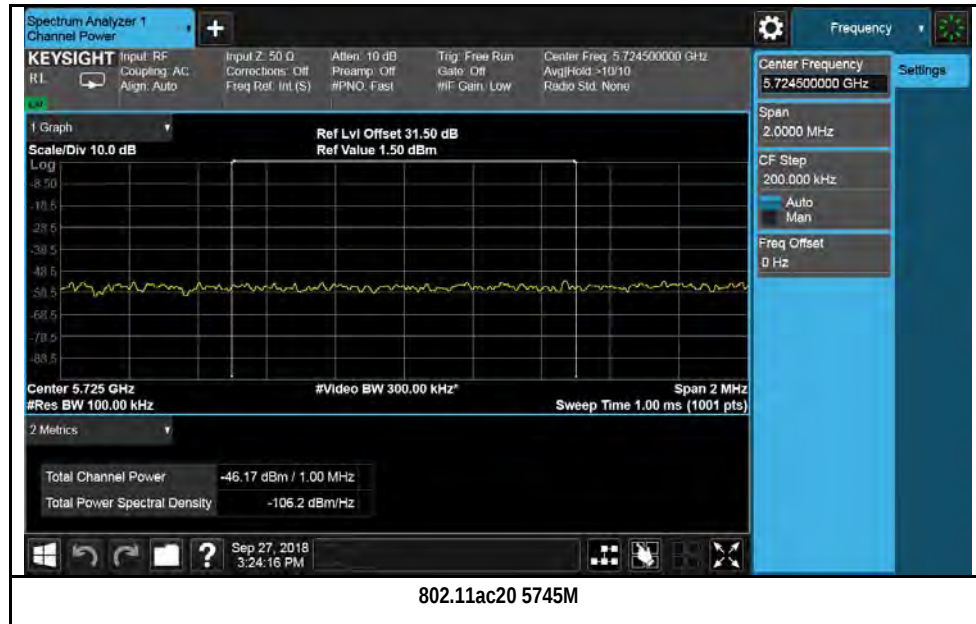


802.11ac40 5230M



Test Plot for W58:

Chain 0:

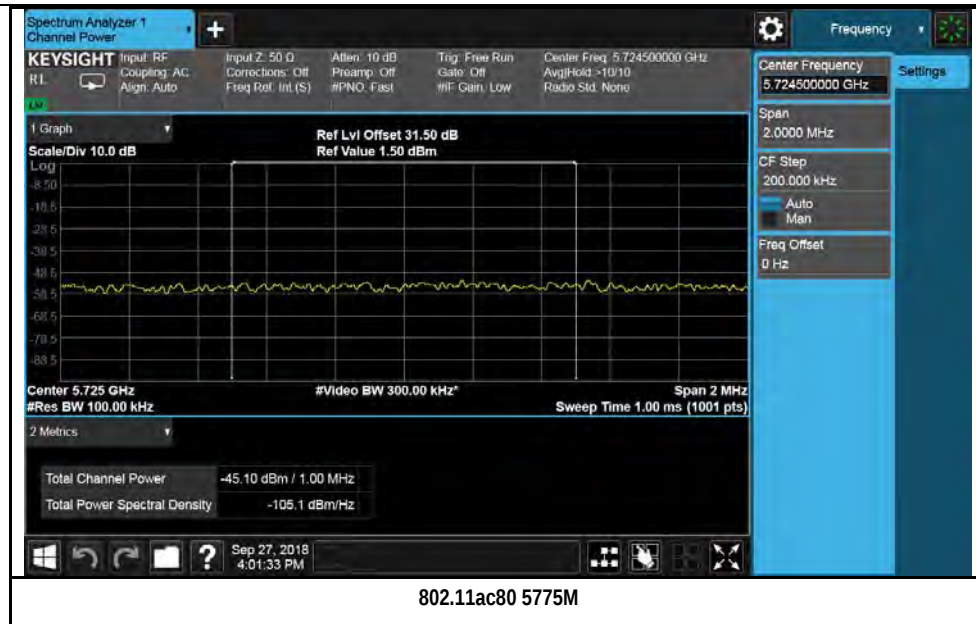




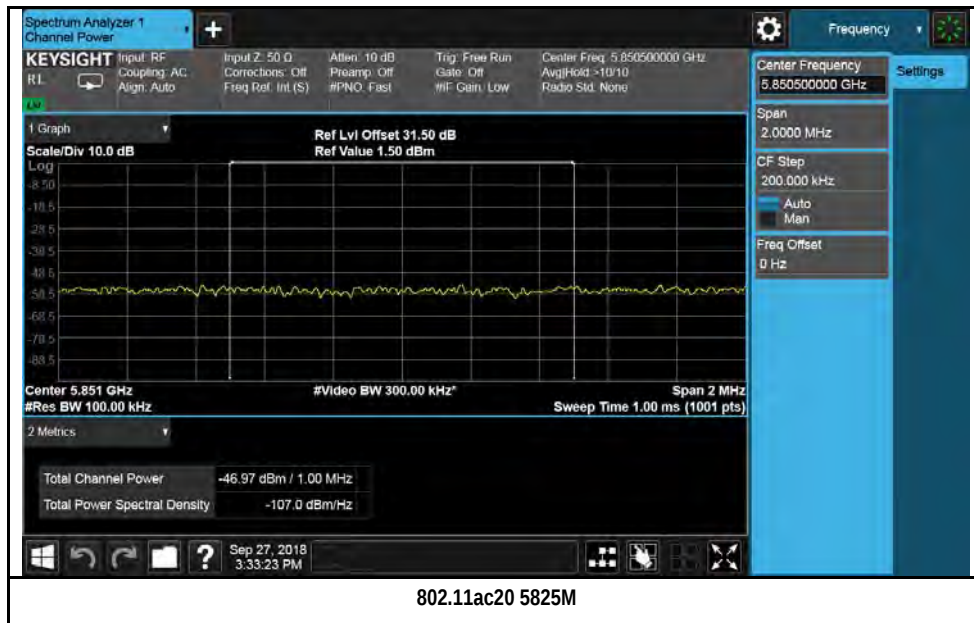
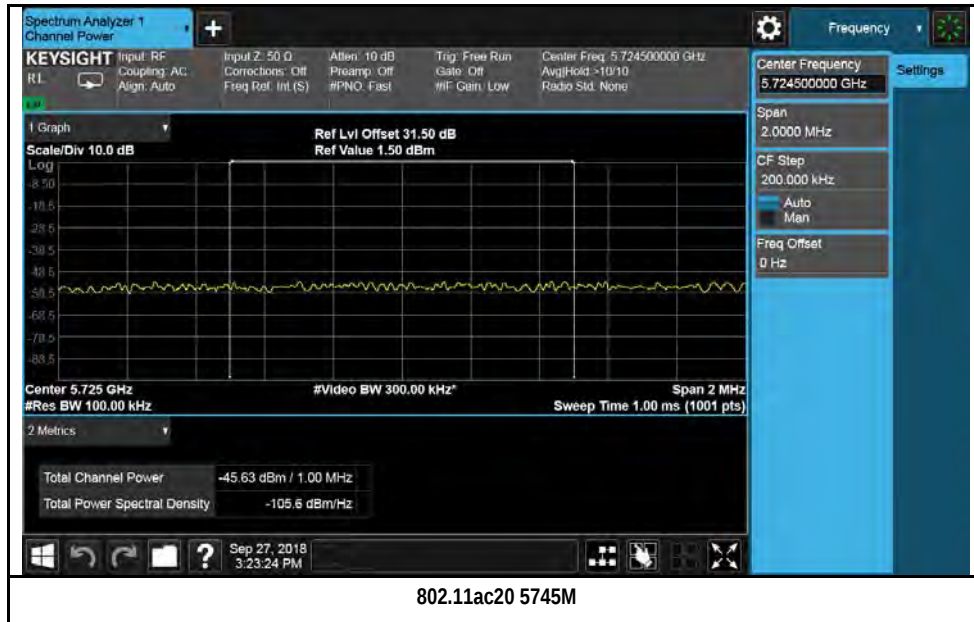
802.11ac40 5755M



802.11ac40 5795M



Chain 1:

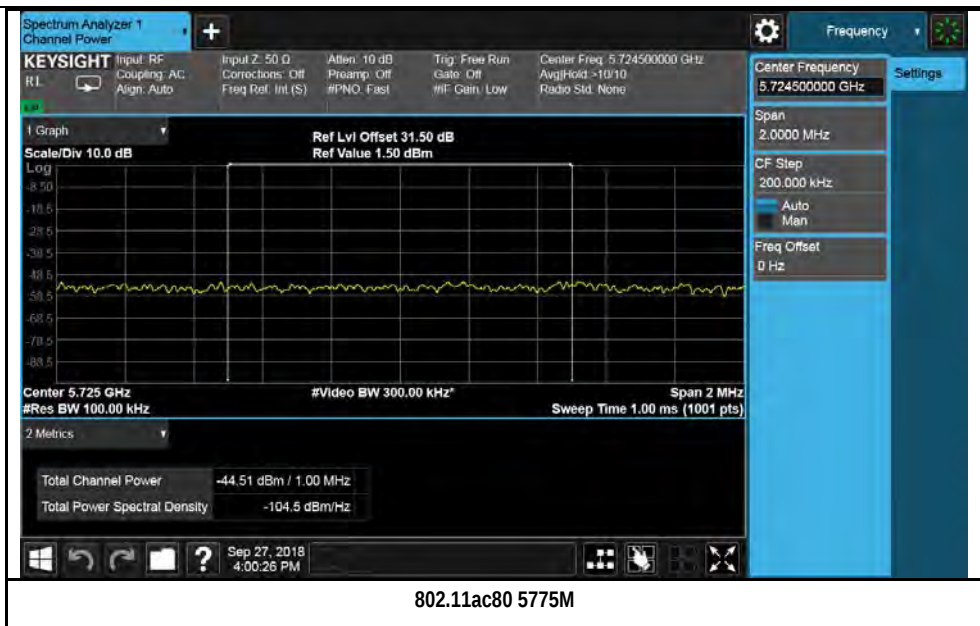




802.11ac40 5755M



802.11ac40 5795M



Chain 2:



802.11ac20 5745M



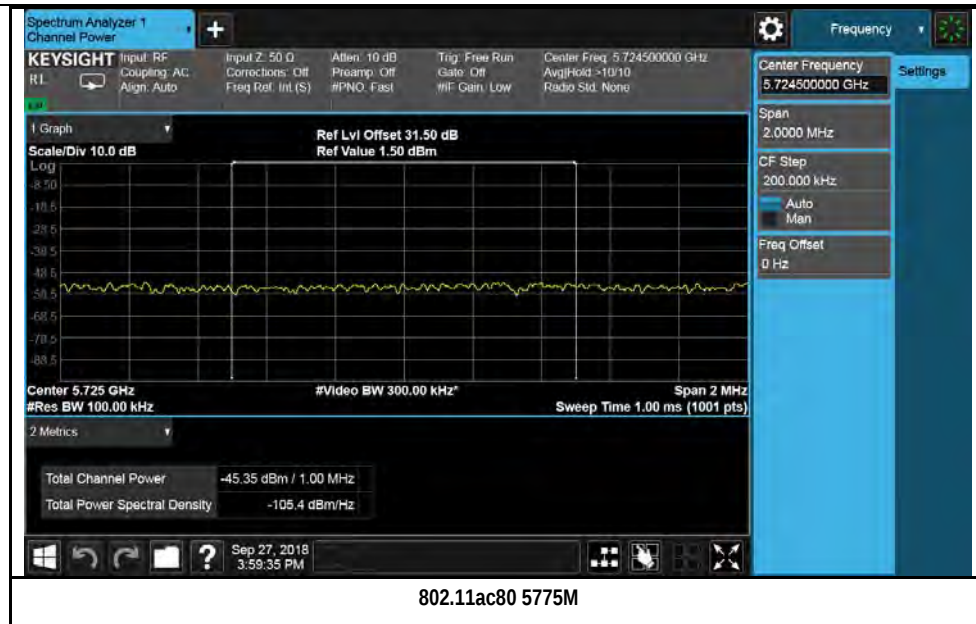
802.11ac20 5825M



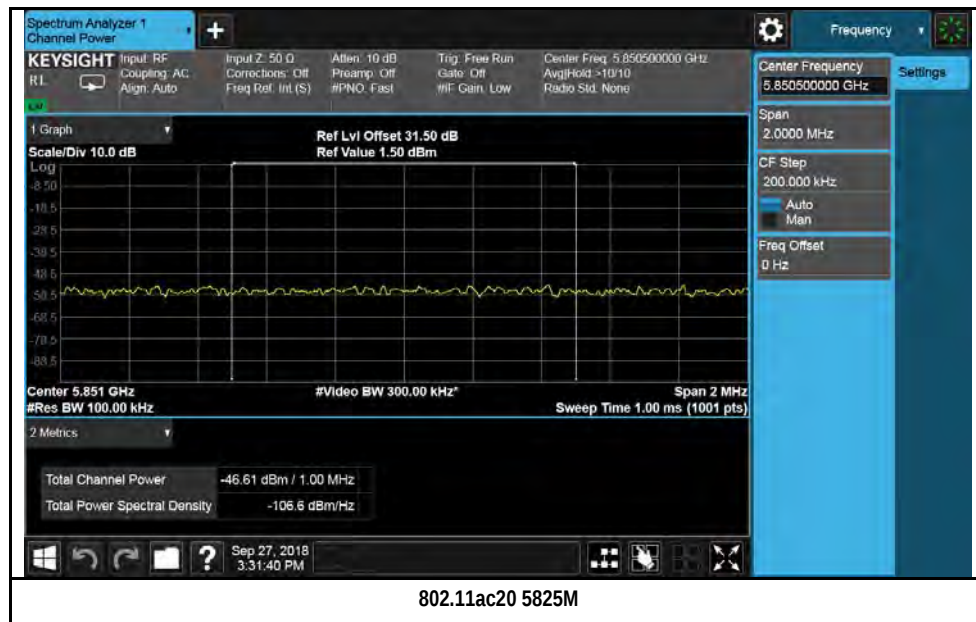
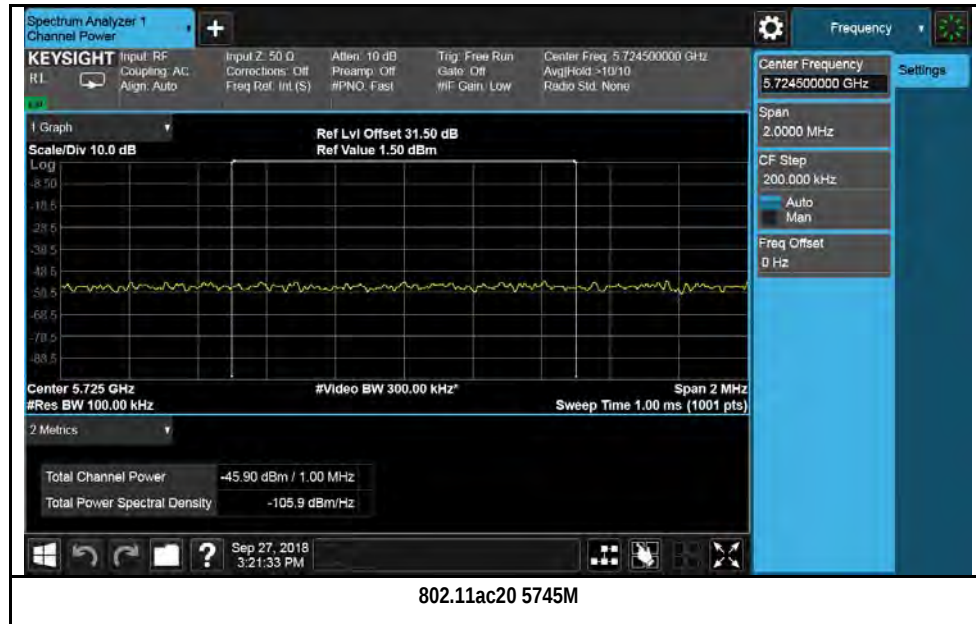
802.11ac40 5755M



802.11ac40 5795M



Chain 3:

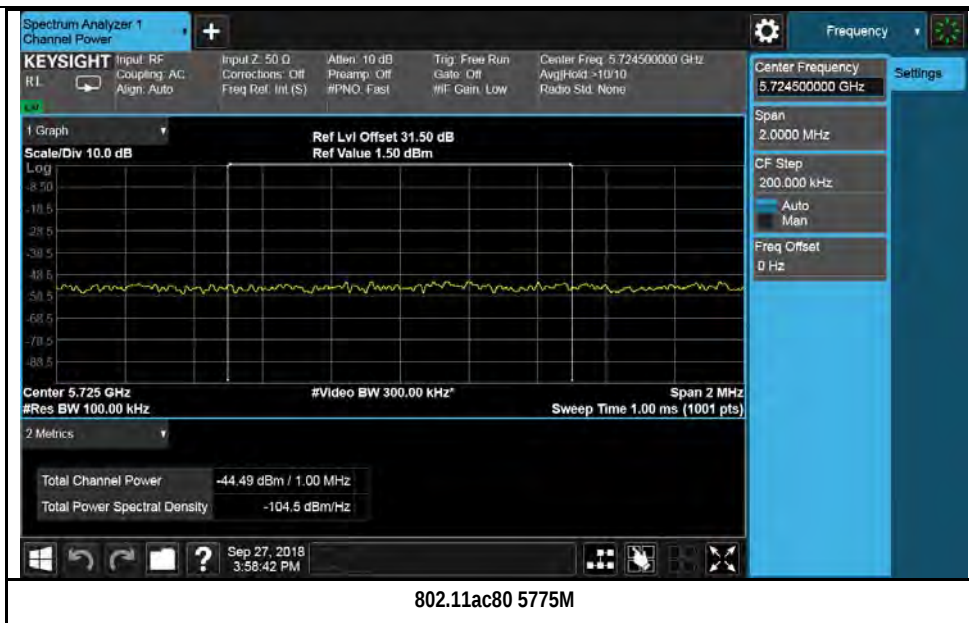




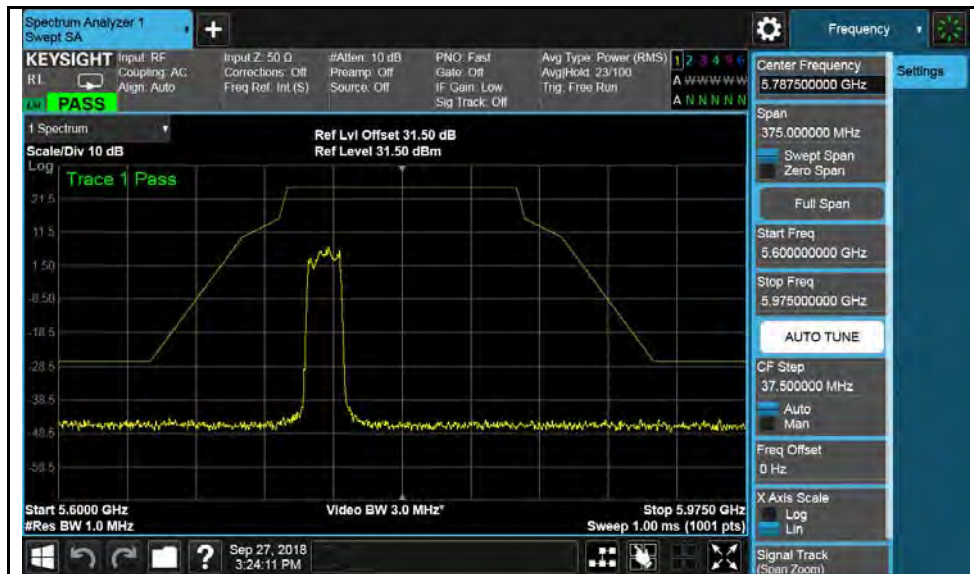
802.11ac40 5755M



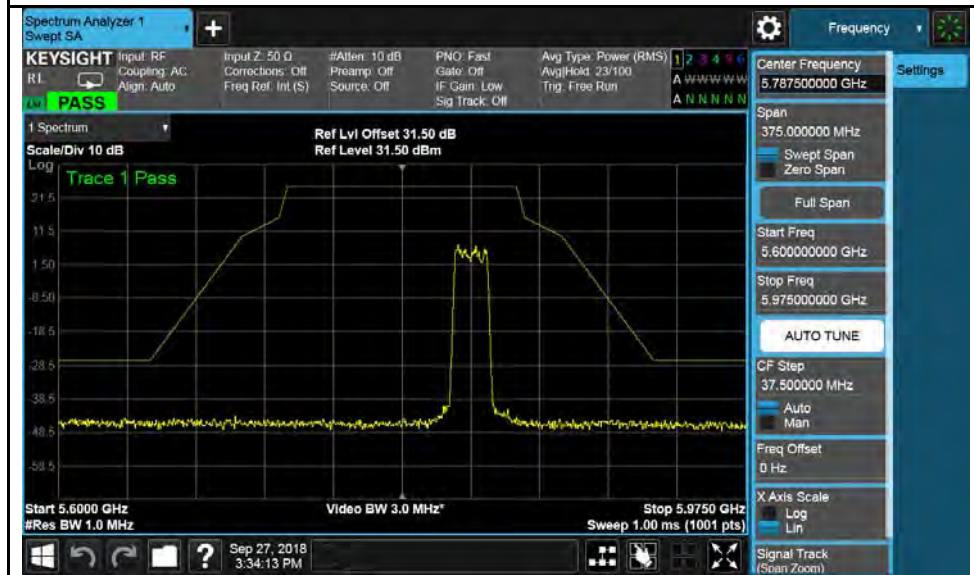
802.11ac40 5795M



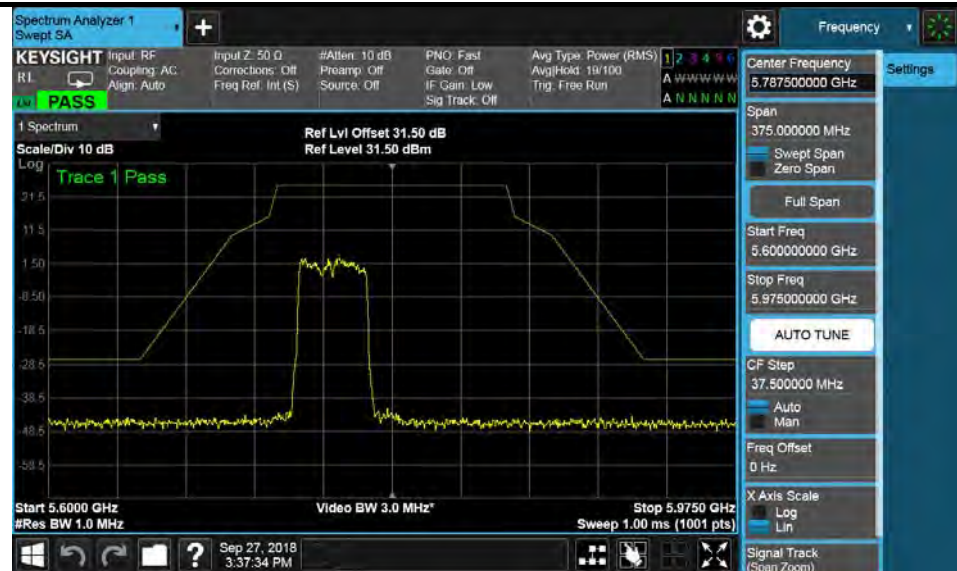
**Emission Mask Test Plots for W58:
Chain 0:**



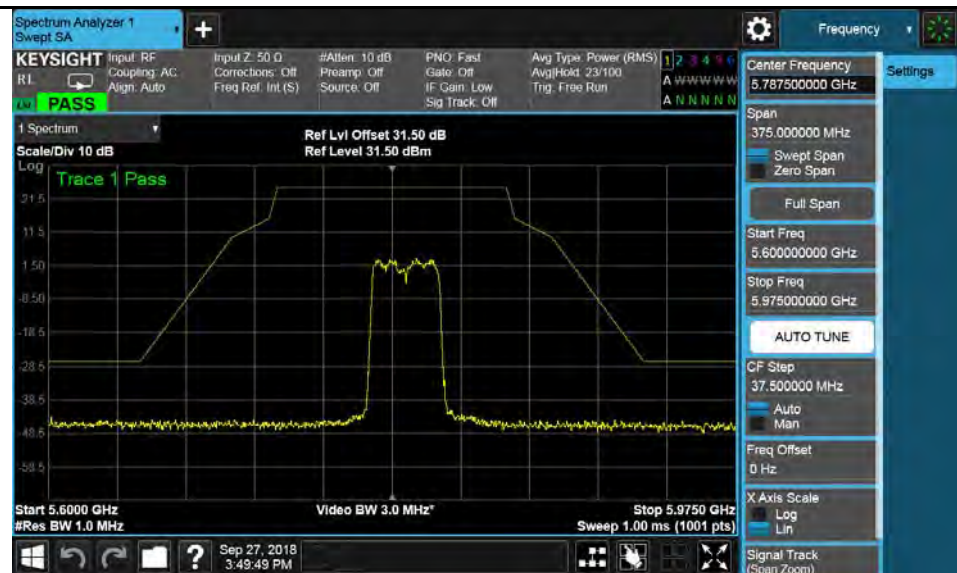
802.11ac-VHT20-5745MHz



802.11ac-VHT20-5825MHz



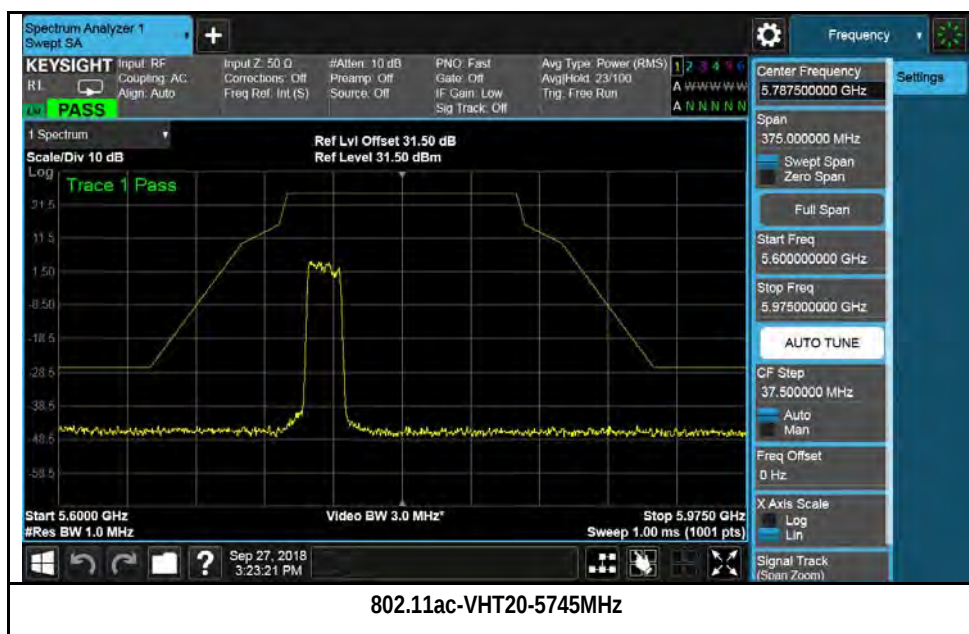
802.11ac-VHT40-5755MHz

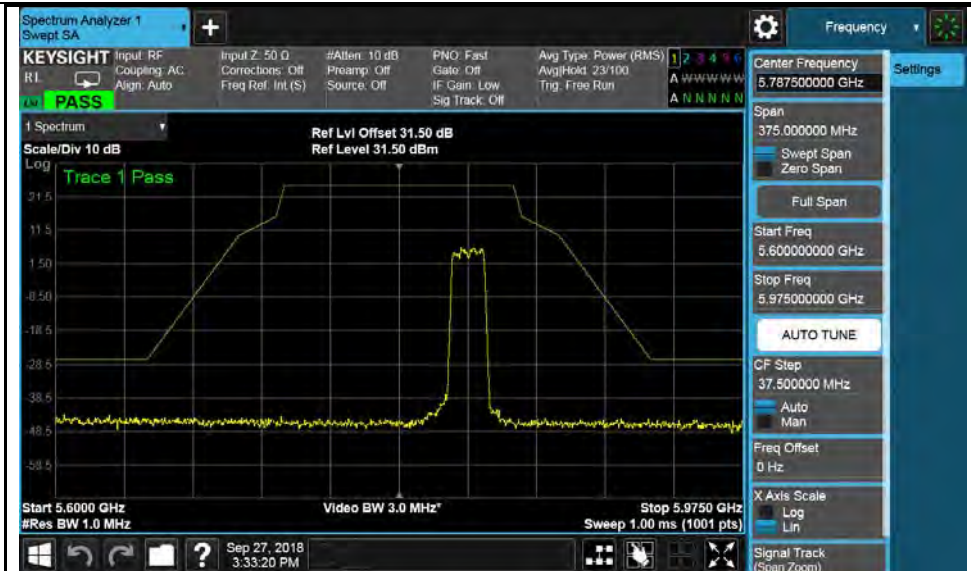


802.11ac-VHT40-5795MHz

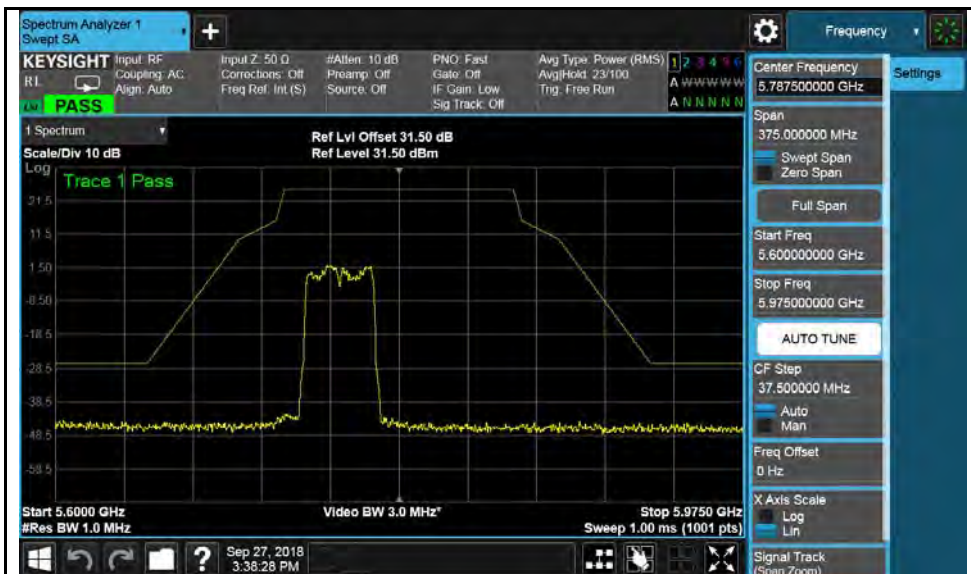


Chain 1:

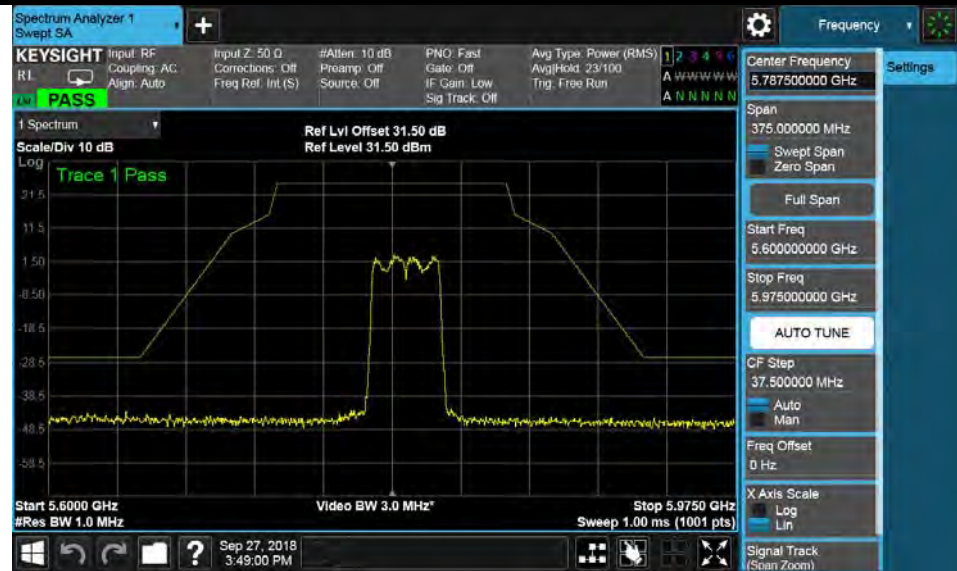




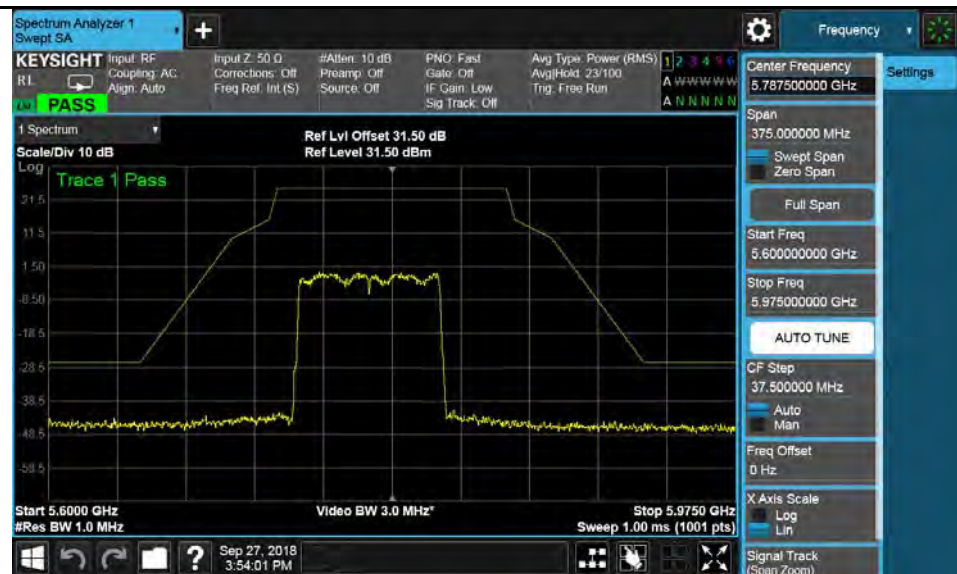
802.11ac-VHT20-5825MHz



802.11ac-VHT40-5755MHz

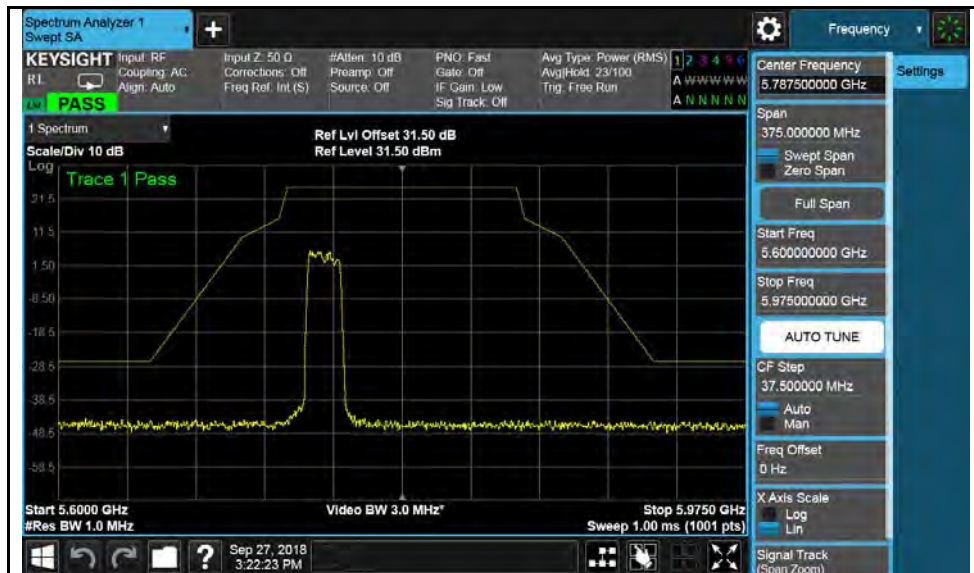


802.11ac-VHT40-5795MHz

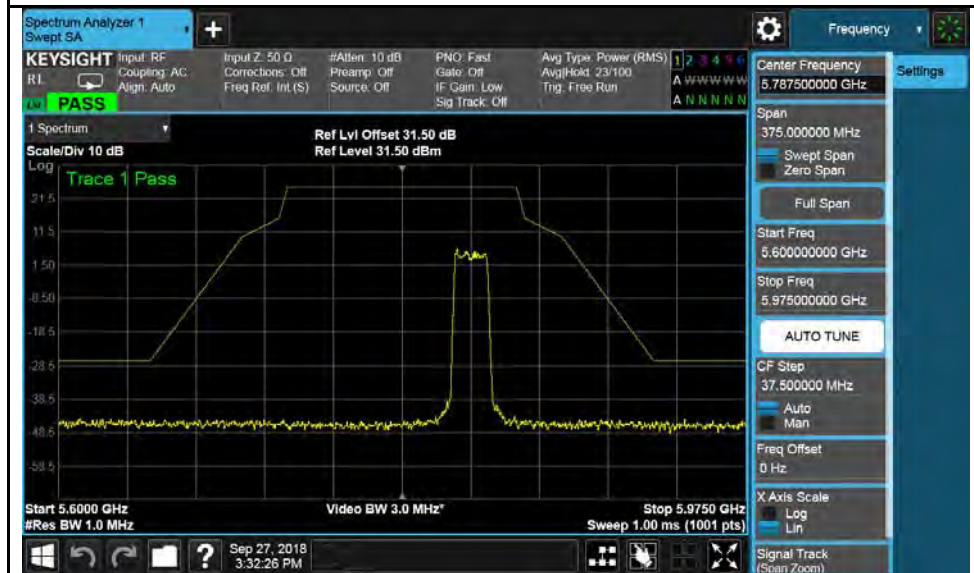


802.11ac-VHT80-5775MHz

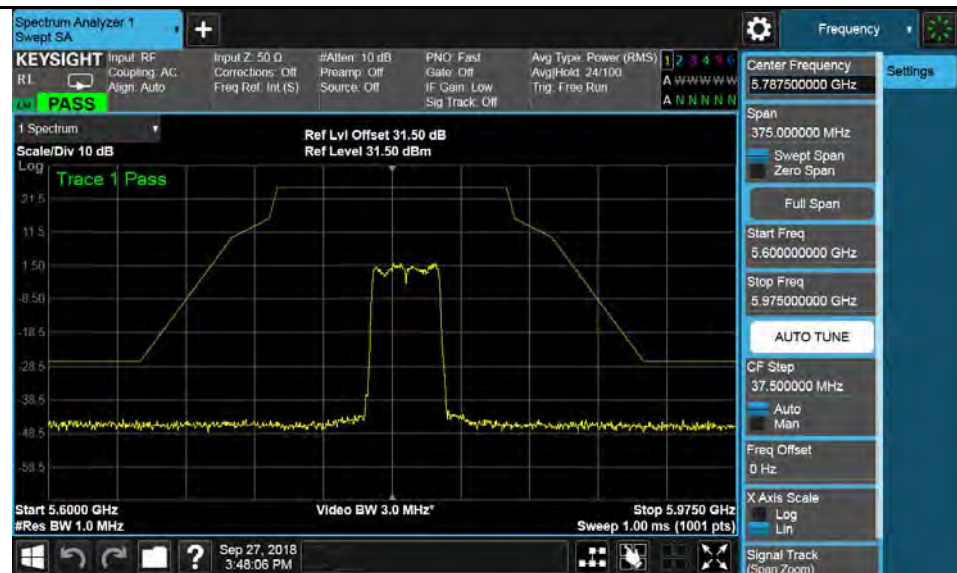
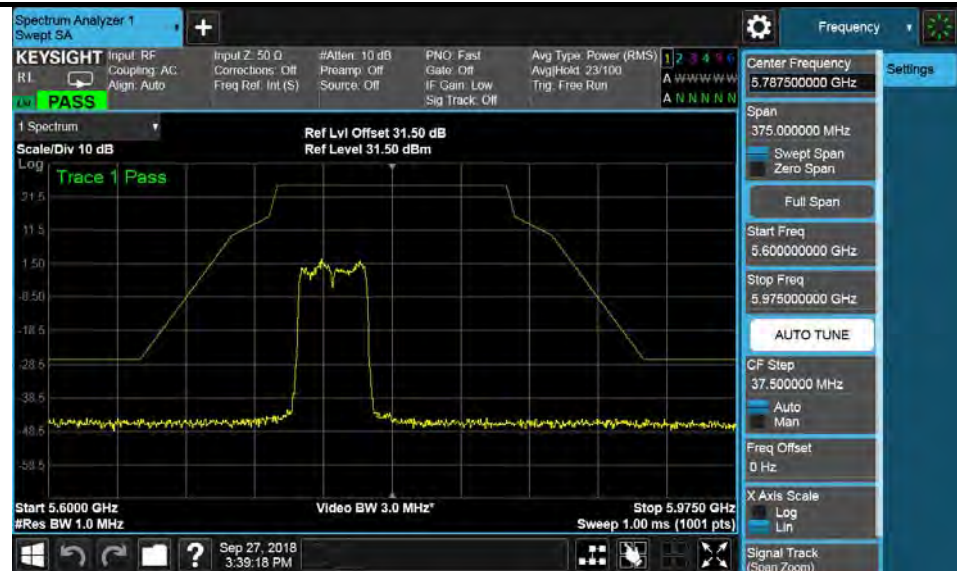
Chain 2:



802.11ac-VHT20-5745MHz

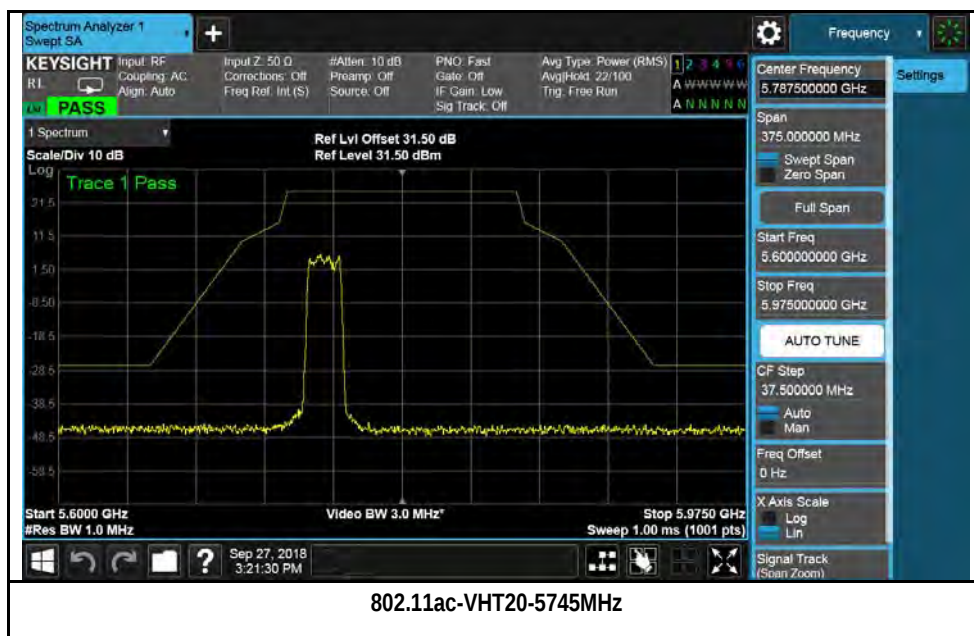


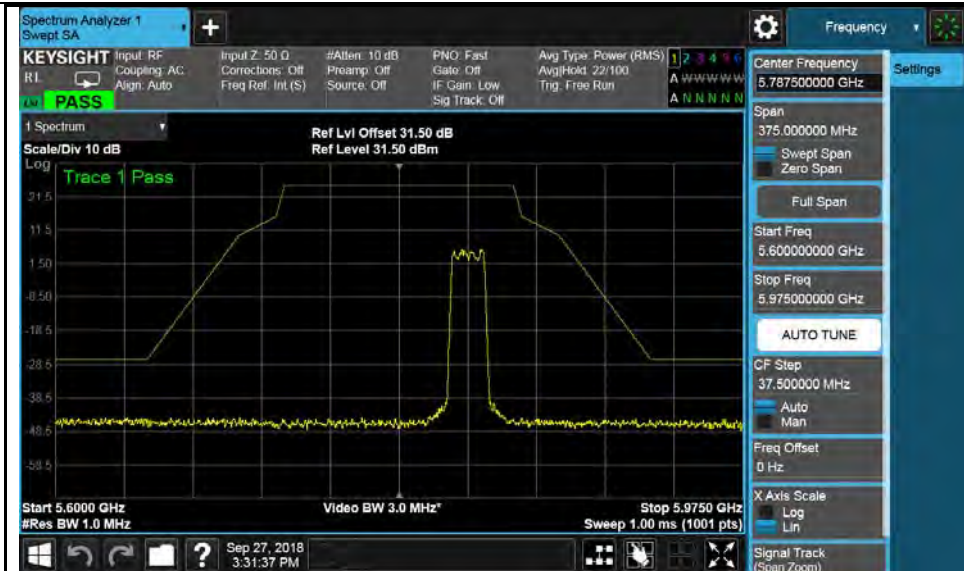
802.11ac-VHT20-5825MHz



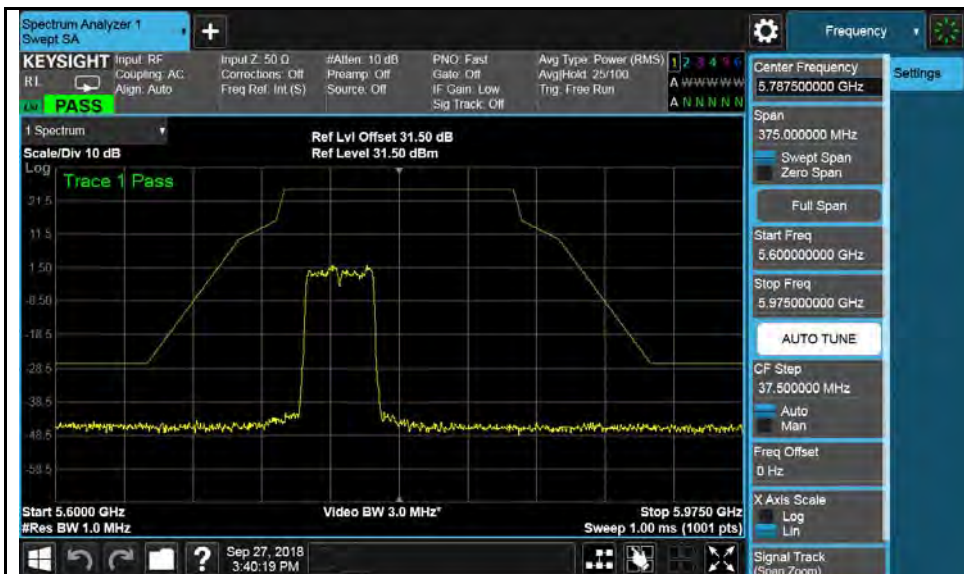


Chain 3:

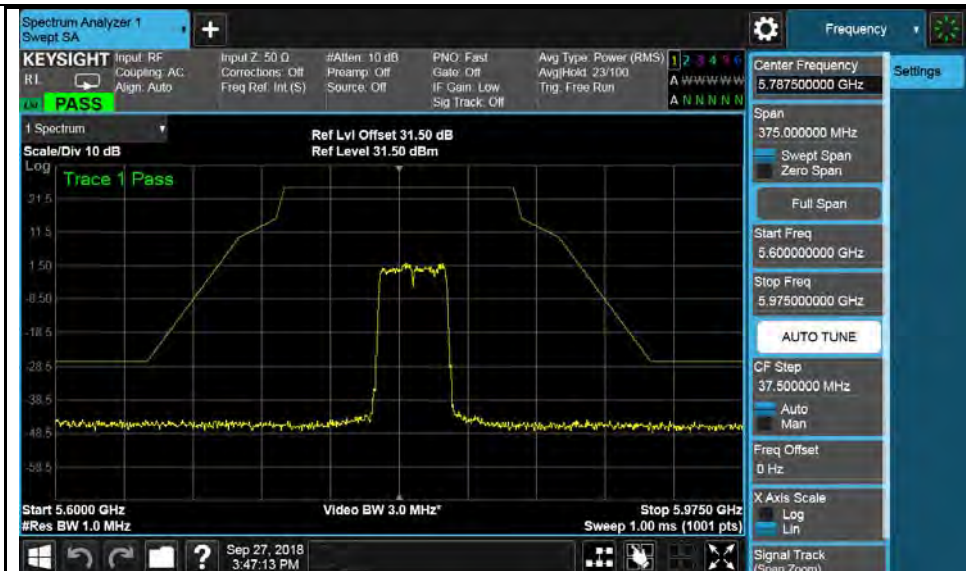




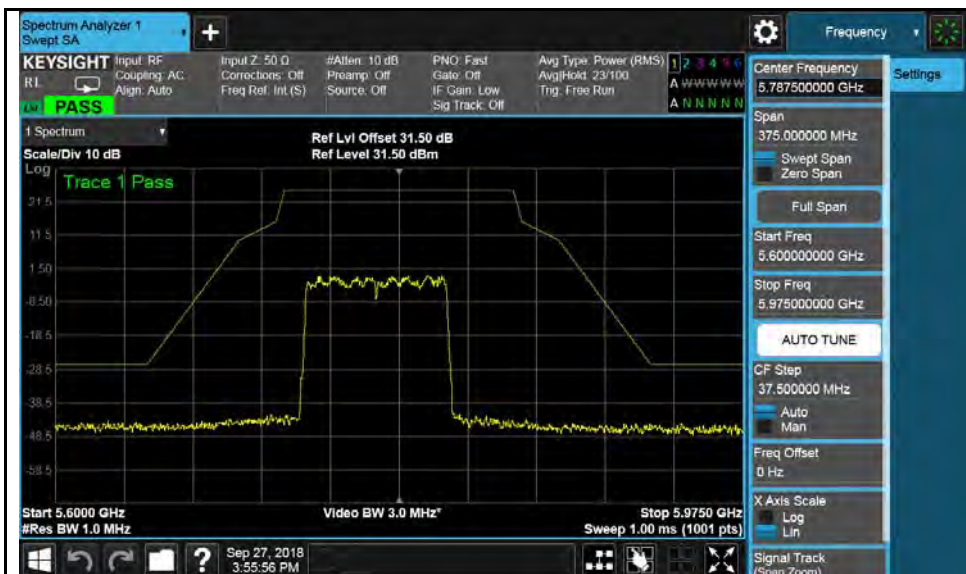
802.11ac-VHT20-5825MHz



802.11ac-VHT40-5755MHz



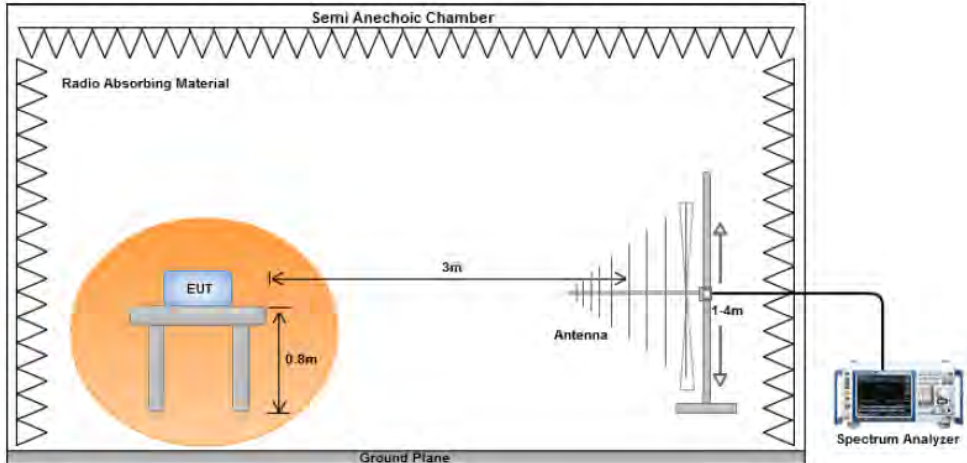
802.11ac-VHT40-5795MHz



802.11ac-VHT80-5775MHz

10.6 Radiated Emissions below 1GHz

Requirement(s):

Spec	Requirement	Applicable										
47CFRS 15.407(b) 15.209 (a)	Except higher limit as specified elsewhere in other section, the emissions from the low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges <table><tr><th>Frequency range (MHz)</th><th>Field Strength (uV/m)</th></tr><tr><td>30 – 88</td><td>100</td></tr><tr><td>88 – 216</td><td>150</td></tr><tr><td>216 960</td><td>200</td></tr><tr><td>Above 960</td><td>500</td></tr></table>	Frequency range (MHz)	Field Strength (uV/m)	30 – 88	100	88 – 216	150	216 960	200	Above 960	500	☒
Frequency range (MHz)	Field Strength (uV/m)											
30 – 88	100											
88 – 216	150											
216 960	200											
Above 960	500											
Test Setup												
Procedure	1. The EUT was switched on and allowed to warm up to its normal operating condition. 2. The test was carried out at the selected frequency points obtained from the EUT characterisation. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarisation, and adjusting the antenna height in the following manner: a. Vertical or horizontal polarisation (whichever gave the higher emission level over a full rotation of the EUT) was chosen. b. The EUT was then rotated to the direction that gave the maximum emission. c. Finally, the antenna height was adjusted to the height that gave the maximum emission. 3. A Quasi-peak measurement was then made for that frequency point. 4. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.											
Remark	The EUT was scanned up to 1GHz. Both horizontal and vertical polarities were investigated. The results show only the worst case.											
Result	☒ Pass ☐ Fail											

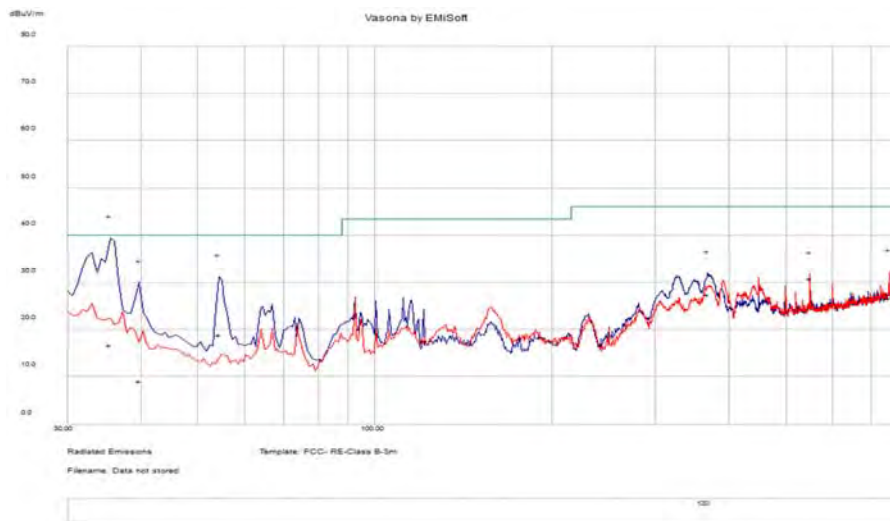
Test Data ☒ Yes (See below) ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Test was done by Gary Chou at 10m chamber.

Radiated Emission Test Results (Below 1GHz)

Test specification	below 1GHz			
Environmental Conditions:	Temp (°C):	26	Result	Pass
	Humidity (%)	47		
	Atmospheric (mbar):	1020		
Mains Power:	55 Vdc			
Tested by:	Gary Chou			
Test Date:	09/18/2018			
Remarks:	802.11ac80, 5775MHz			



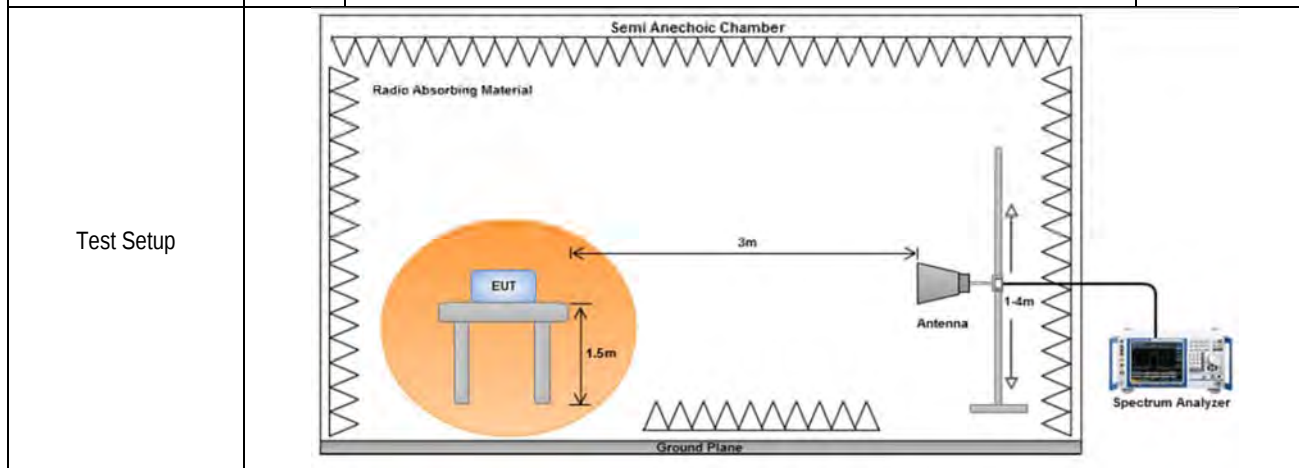
Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
35.399688	22.36	11.21	-16.87	16.7	Quasi Max	H	298	37	40	-23.3	Pass
54.414375	34.29	11.47	-26.9	18.86	Quasi Max	H	124	120	40	-21.14	Pass
39.792188	17.93	11.3	-20.17	9.05	Quasi Max	H	115	345	40	-30.95	Pass
749.97625	26.23	15.28	-14.92	26.59	Quasi Max	V	101	54	46	-19.41	Pass
368.308438	34.22	13.62	-20.49	27.35	Quasi Max	H	161	85	46	-18.65	Pass
549.9525	34.05	14.45	-17.72	30.78	Quasi Max	V	148	36	46	-15.22	Pass

Note: Both horizontal and vertical polarities were investigated. The results above show only the worst case.

10.7 Radiated Spurious Emissions above 1GHz

Requirement(s):

Spec	Item	Requirement	Applicable
47CFRS 15.407(b)(2), 15.407(b)(6)	(1)	For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.	☒
	(2)	For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.	☐
	(3)	For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.	☐
	(4)	For transmitters operating in the 5.725-5.825 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.	☒
	(5)	Restricted band, emission must also comply with the radiated emission limits specified in 15.209	☒



Procedure	- The EUT was switched on and allowed to warm up to its normal operating condition. - The test was carried out at the selected frequency points obtained from the EUT characterisation. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: - Vertical or horizontal polarisation (whichever gave the higher emission level over a full rotation of the EUT) was chosen. - The EUT was then rotated to the direction that gave the maximum emission. - Finally, the antenna height was adjusted to the height that gave the maximum emission. - An average measurement was then made for that frequency point. - Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.
Remark	The EUT was scanned up to 40GHz. Both horizontal and vertical polarities were investigated. The results show only the worst case.
Result	☒ Pass ☐ Fail

Test Data ☐ Yes (See below) ☒ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Test was done by Gary Chou at 10m chamber.

Restricted Band Measurement Plots:





802.11ac80 5210MHz

Radiated Emission Test Results (Above 1GHz)

1GHz-40GHz – 802.11ac-20M – 5180MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7770.21	41.54	5.24	-0.32	46.46	Peak Max	V	271	301	74	-27.54	Pass
10360.69	44.17	6	1.5	51.67	Peak Max	V	225	45	74	-22.33	Pass
13038.13	46.23	6.92	4.54	57.69	Peak Max	H	166	156	74	-16.31	Pass
7770.21	24.06	5.24	-0.32	28.98	Average Max	V	271	301	54	-25.02	Pass
10360.69	26.22	6	1.5	33.72	Average Max	H	225	45	54	-20.28	Pass
13038.13	28.76	6.92	4.54	40.22	Average Max	V	166	156	54	-13.78	Pass

1GHz-40GHz – 802.11ac-20M – 5200MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7101.12	42.45	5.11	-0.28	47.28	Peak Max	V	265	299	74	-26.72	Pass
10399.33	44.61	6.02	1.61	52.24	Peak Max	H	228	44	74	-21.76	Pass
13460.16	46.24	7.04	4.52	57.8	Peak Max	H	169	159	74	-16.2	Pass
7101.12	24.63	5.11	-0.28	29.46	Average Max	H	265	299	54	-24.54	Pass
10399.33	27.14	6.02	1.61	34.77	Average Max	V	228	44	54	-19.23	Pass
13460.16	28.93	7.04	4.52	40.49	Average Max	V	169	159	54	-13.51	Pass

1GHz-40GHz – 802.11ac-20M – 5240MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7111.43	41.21	5.12	-0.29	46.04	Peak Max	H	273	295	74	-27.96	Pass
10480.51	44.57	6.07	1.83	52.47	Peak Max	H	234	50	74	-21.53	Pass
13718.07	45.96	7.11	4.58	57.65	Peak Max	V	162	155	74	-16.35	Pass
7111.43	23.61	5.12	-0.29	28.44	Average Max	V	273	295	54	-25.56	Pass
10480.51	27.14	6.07	1.83	35.04	Average Max	V	234	50	54	-18.96	Pass
13718.07	28.6	7.11	4.58	40.29	Average Max	V	162	155	54	-13.71	Pass

1GHz-40GHz – 802.11ac-40M – 5190MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7580.26	41.22	5.16	-0.41	45.97	Peak Max	H	272	299	74	-28.03	Pass
10379.43	43.77	6.01	1.55	51.33	Peak Max	H	233	45	74	-22.67	Pass
13223.35	46.55	6.99	4.47	58.01	Peak Max	V	166	161	74	-15.99	Pass
7580.26	23.28	5.16	-0.41	28.03	Average Max	H	272	299	54	-25.97	Pass
10379.43	26.57	6.01	1.55	34.13	Average Max	H	233	45	54	-19.87	Pass
13223.35	29.43	6.99	4.47	40.89	Average Max	V	166	161	54	-13.11	Pass

1GHz-40GHz – 802.11ac-40M – 5230MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7667.24	42.1	5.19	-0.32	46.97	Peak Max	H	267	299	74	-27.03	Pass
10460.63	44.77	6.06	1.77	52.6	Peak Max	H	227	42	74	-21.4	Pass
13498.92	46.78	7.05	4.49	58.32	Peak Max	H	161	156	74	-15.68	Pass
7667.24	24.17	5.19	-0.32	29.04	Average Max	H	267	299	54	-24.96	Pass
10460.63	27.15	6.06	1.77	34.98	Average Max	H	227	42	54	-19.02	Pass
13498.92	29.64	7.05	4.49	41.18	Average Max	H	161	156	54	-12.82	Pass

1GHz-40GHz – 802.11ac-80M – 5210MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7826.58	41.62	5.28	-0.32	46.58	Peak Max	H	267	297	74	-27.42	Pass
10419.67	43.99	6.04	1.66	51.69	Peak Max	H	234	44	74	-22.31	Pass
13163.37	46.57	6.97	4.44	57.98	Peak Max	H	168	157	74	-16.02	Pass
7826.58	24.29	5.28	-0.32	29.25	Average Max	H	267	297	54	-24.75	Pass
10419.67	26.69	6.04	1.66	34.39	Average Max	H	234	44	54	-19.61	Pass
13163.37	29.08	6.97	4.44	40.49	Average Max	H	168	157	54	-13.51	Pass

1GHz-40GHz - 802.11ac-20M - 5745MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7113.50	41.48	5.12	-0.29	46.31	Peak Max	H	273	302	74	-27.69	Pass
11490.88	45	6.07	2.64	53.71	Peak Max	H	231	46	74	-20.29	Pass
13311.56	46.06	7.01	4.56	57.63	Peak Max	H	164	159	74	-16.37	Pass
7113.50	24.38	5.12	-0.29	29.21	Average Max	V	273	302	54	-24.79	Pass
11490.88	27.49	6.07	2.64	36.2	Average Max	H	231	46	54	-17.8	Pass
13311.56	28.81	7.01	4.56	40.38	Average Max	H	164	159	54	-13.62	Pass

1GHz-40GHz - 802.11ac-20M- 5785MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7795.61	41.08	5.26	-0.32	46.02	Peak Max	H	266	304	74	-27.98	Pass
11569.34	44.39	6.13	2.75	53.27	Peak Max	V	234	42	74	-20.73	Pass
13192.95	46.52	6.98	4.44	57.94	Peak Max	H	162	161	74	-16.06	Pass
7795.61	23.97	5.26	-0.32	28.91	Average Max	V	266	304	54	-25.09	Pass
11569.34	26.94	6.13	2.75	35.82	Average Max	V	234	42	54	-18.18	Pass
13192.95	29.39	6.98	4.44	40.81	Average Max	V	162	161	54	-13.19	Pass

1GHz-40GHz - 802.11ac-20M - 5825MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7547.15	41.88	5.15	-0.41	46.62	Peak Max	V	270	303	74	-27.38	Pass
11650.67	45.38	6.2	2.93	54.51	Peak Max	V	225	48	74	-19.49	Pass
13424.99	46.6	7.03	4.56	58.19	Peak Max	H	163	157	74	-15.81	Pass
7547.15	24.73	5.15	-0.41	29.47	Average Max	V	270	303	54	-24.53	Pass
11650.67	27.82	6.2	2.93	36.95	Average Max	H	225	48	54	-17.05	Pass
13424.99	28.73	7.03	4.56	40.32	Average Max	H	163	157	54	-13.68	Pass

1GHz-40GHz – 802.11ac-40M – 5755MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7634.79	42.05	5.18	-0.35	46.88	Peak Max	V	268	298	74	-27.12	Pass
11509.25	45.24	6.08	2.66	53.98	Peak Max	H	229	47	74	-20.02	Pass
13963.22	47.56	7.26	4.85	59.67	Peak Max	V	163	155	74	-14.33	Pass
7634.79	24.34	5.18	-0.35	29.17	Average Max	H	268	298	54	-24.83	Pass
11509.25	27.58	6.08	2.66	36.32	Average Max	V	229	47	54	-17.68	Pass
13963.22	30.47	7.26	4.85	42.58	Average Max	V	163	155	54	-11.42	Pass

1GHz-40GHz - 802.11ac-40M– 5795MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7179.30	41.38	5.14	-0.31	46.21	Peak Max	H	272	303	74	-27.79	Pass
11590.50	46.19	6.15	2.79	55.13	Peak Max	H	230	46	74	-18.87	Pass
13783.74	46.47	7.14	4.53	58.14	Peak Max	V	170	162	74	-15.86	Pass
7179.30	23.96	5.14	-0.31	28.79	Average Max	V	272	303	54	-25.21	Pass
11590.50	29.05	6.15	2.79	37.99	Average Max	V	230	46	54	-16.01	Pass
13783.74	29.17	7.14	4.53	40.84	Average Max	H	170	162	54	-13.16	Pass

1GHz-40GHz - 802.11ac-80M - 5775MHz

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
7203.77	41.33	5.15	-0.32	46.16	Peak Max	H	272	301	74	-27.84	Pass
11549.71	44.84	6.11	2.72	53.67	Peak Max	V	230	50	74	-20.33	Pass
13463.57	45.76	7.04	4.52	57.32	Peak Max	H	167	154	74	-16.68	Pass
7203.77	23.33	5.15	-0.32	28.16	Average Max	V	272	301	54	-25.84	Pass
11549.71	27.12	6.11	2.72	35.95	Average Max	V	230	50	54	-18.05	Pass
13463.57	28.56	7.04	4.52	40.12	Average Max	V	167	154	54	-13.88	Pass

Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Cycle	Cal Due	In use
Conducted Emissions						
R & S Receiver	ESIB 40	100179	06/08/2018	1 Year	06/08/2019	☒
LISN (9kHz - 30MHz)	3816/2NM	214372	09/27/2018	1 Year	09/27/2019	☒
Radiated Emissions						
Keysight EXA 44 GHz Spectrum Analyzer	N9010A	MY51440112	11/15/2017	1 Year	11/16/2018	☒
Broadband Hybrid Antenna (30MHz - 6GHz)	JB6	A111717	12/04/2017	1 Year	12/05/2018	☒
Horn Antenna (1GHz~26GHz)	3115	100059	01/25/2019	1 Year	01/26/2020	☒
Horn Antenna (26GHz~40GHz)	AH-840	101013	08/27/2018	1 Year	08/28/2019	☒
Pre-Amp (30MHz~40GHz)	LPA-6-30	11140711	02/09/2018	1 Year	02/10/2019	☒
RF Conducted Measurement						
Spectrum Analyzer	N9010A	10SL0219	11/07/2017	1 Year	11/08/2018	☒

Annex B. SIEMIC Accreditation

Accreditations	Document	Scope / Remark
ISO 17025 (A2LA)		Please see the documents for the detailed scope
ISO Guide 65 (A2LA)		Please see the documents for the detailed scope
TCB Designation		A1 , A2 , A3 , A4 , B1 , B2 , B3 , B4 , C
FCC DoC Accreditation		FCC Declaration of Conformity Accreditation
FCC Site Registration		3 meter site
FCC Site Registration		10 meter site
IC Site Registration		3 meter site
IC Site Registration		10 meter site
EU NB		Radio & Telecommunications Terminal Equipment: EN45001 – EN ISO/IEC 17025
		Electromagnetic Compatibility: EN45001 – EN ISO/IEC 17025
Singapore iDA CB(Certification Body)		Phase I , Phase II
Vietnam MIC CAB Accreditation		Please see the document for the detailed scope
Hong Kong OFCA		(Phase II) OFCA Foreign Certification Body for Radio and Telecom
		(Phase I) Conformity Assessment Body for Radio and Telecom
Industry Canada CAB		Radio: Scope A – All Radio Standard Specification in Category I
		Telecom: CS-03 Part I, II, V, VI, VII, VIII

Japan Recognized Certification Body Designation		Radio: A1. Terminal equipment for purpose of calling Telecom: B1. Specified radio equipment specified in Article 38-2, Paragraph 1, Item 1 of the Radio Law
Korea CAB Accreditation		EMI: KCC Notice 2008-39, RRL Notice 2008-3: CA Procedures for EMI KN22: Test Method for EMI EMS: KCC Notice 2008-38, RRL Notice 2008-4: CA Procedures for EMS KN24, KN61000-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11: Test Method for EMS Radio: RRL Notice 2008-26, RRL Notice 2008-2, RRL Notice 2008-10, RRL Notice 2007-49, RRL Notice 2007-20, RRL Notice 2007-21, RRL Notice 2007-80, RRL Notice 2004-68 Telecom: President Notice 20664, RRL Notice 2007-30, RRL Notice 2008-7 with attachments 1, 3, 5, 6; President Notice 20664, RRL Notice 2008-7 with attachment 4
Taiwan NCC CAB Recognition		LP0002, PSTN01, ADSL01, ID0002, IS6100, CNS14336, PLMN07, PLMN01, PLMN08
Taiwan BSMI CAB Recognition		CNS 13438
Japan VCCI		R-3083: Radiation 3 meter site C-3421: Main Ports Conducted Interference Measurement T-1597: Telecommunication Ports Conducted Interference Measurement
Australia CAB Recognition		EMC: AS/NZS CISPR 11, AS/NZS CISPR 14.1, AS/NZS CISPR22, AS/NZS 61000.6.3, AS/NZS 61000.6.4 Radio communications: AS/NZS 4281, AS/NZS 4268, AS/NZS 4280.1, AS/NZS 4280.2, AS/NZS 4295, AS/NZS 4582, AS/NZS 4583, AS/NZS 4769.1, AS/NZS 4769.2, AS/NZS 4770, AS/NZS 4771 Telecommunications: AS/ACIF S002:05, AS/ACIF S003:06, AS/ACIF S004:06 AS/ACIF S006:01, AS/ACIF S016:01, AS/ACIF S031:01, AS/ACIF S038:01, AS/ACIF S040:01, AS/ACIF S041:05, AS/ACIF S043.2:06, AS/ACIF S60950.1
Australia NATA Recognition		AS/ACIF S002, AS/ACIF S003, AS/ACIF S004, AS/ACIF S006, AS/ACIF S016, AS/ACIF S031, AS/ACIF S038, AS/ACIF S040, AS/ACIF S041, AS/ACIF S043.2