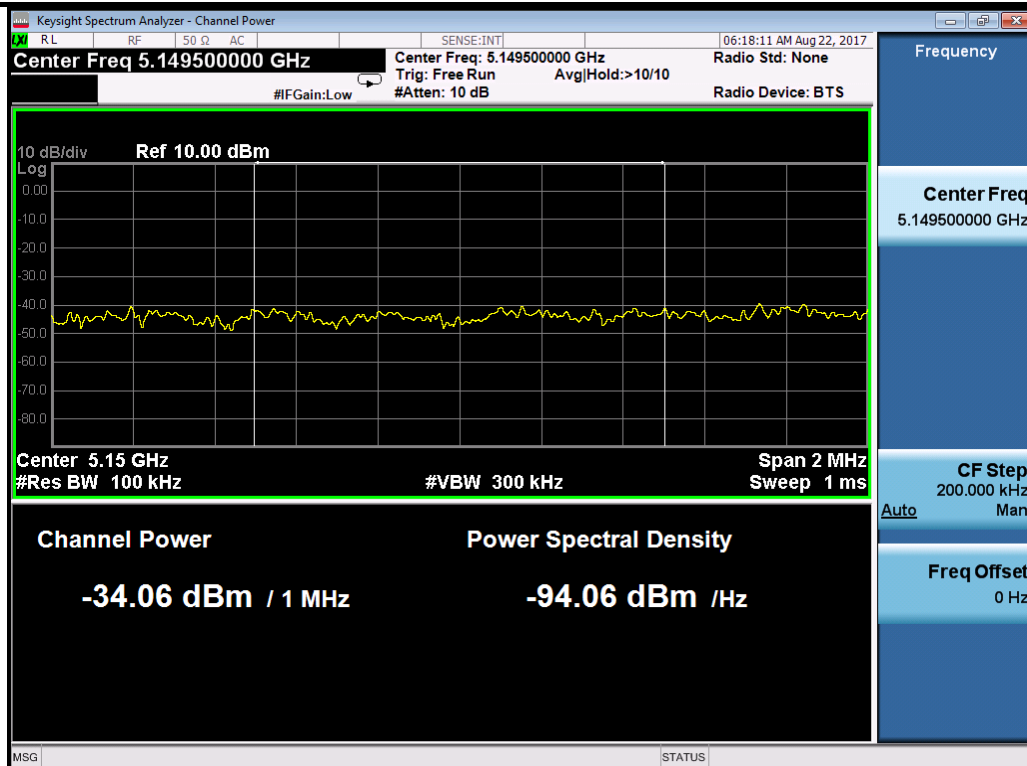
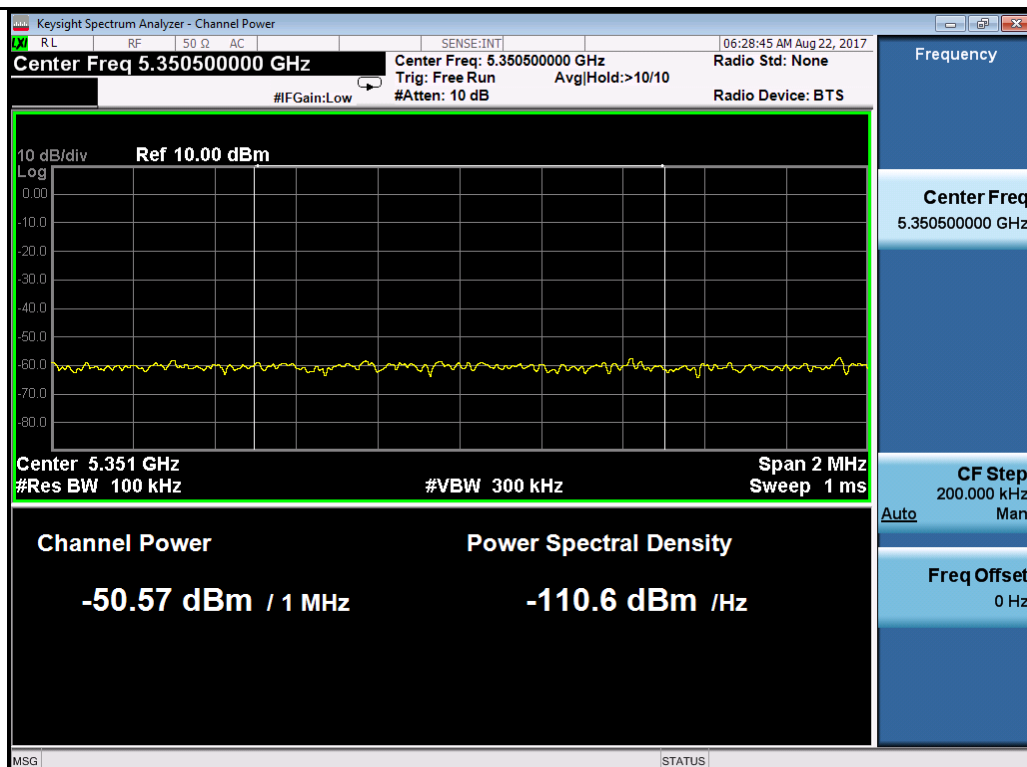
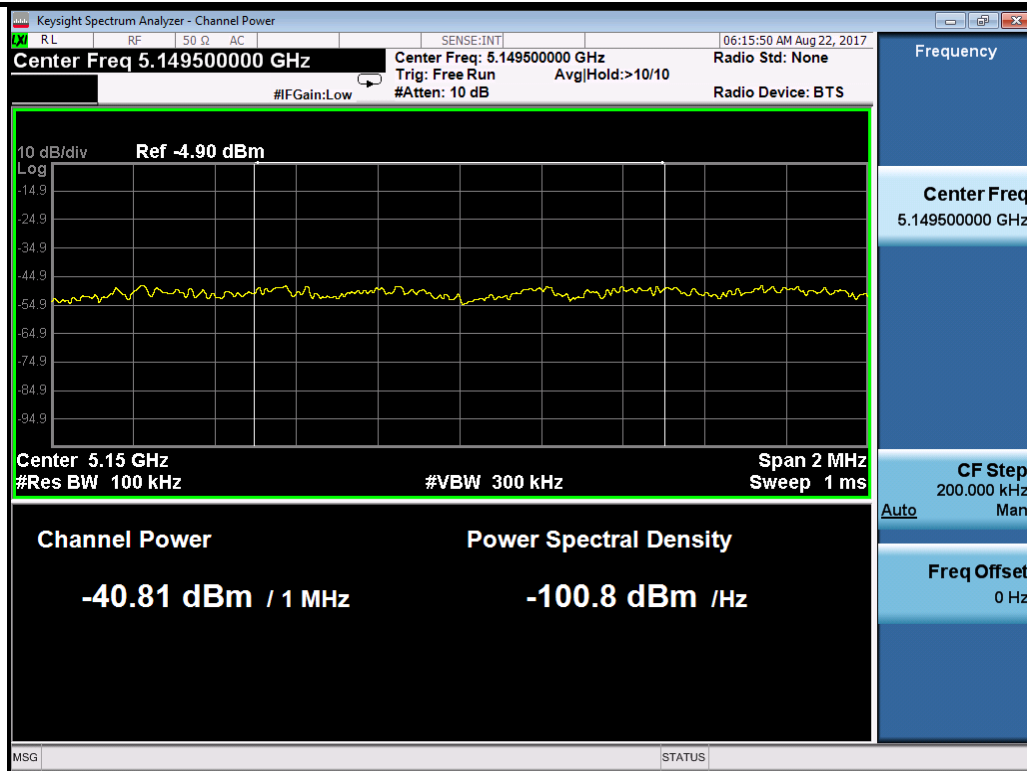




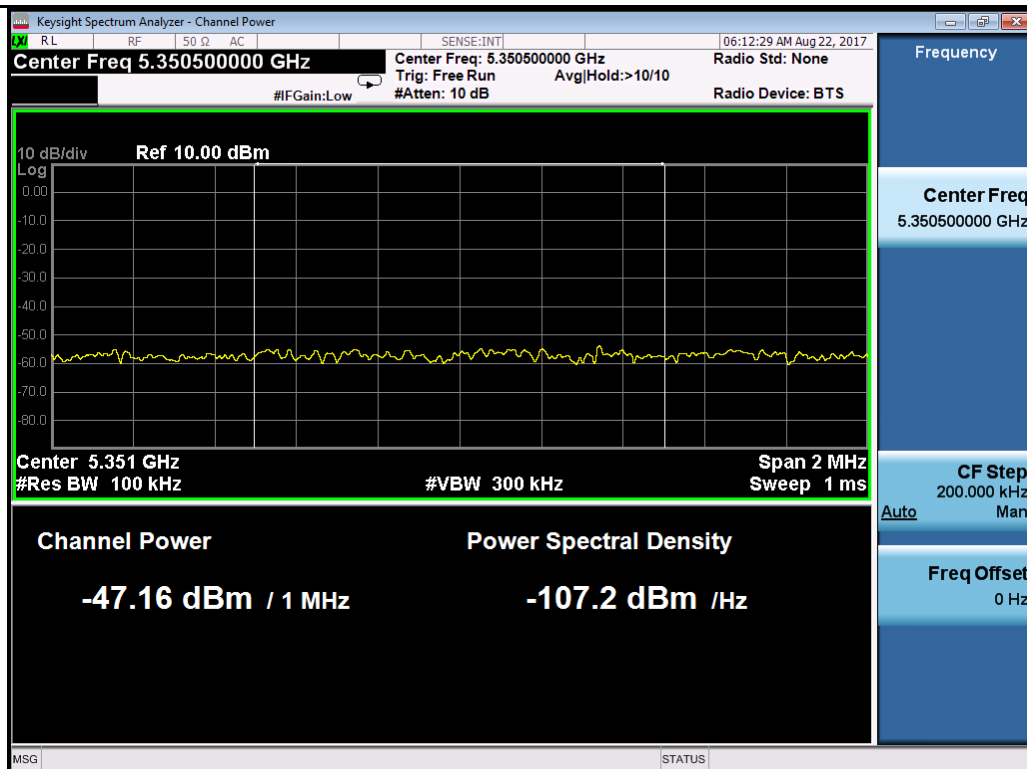
802.11n-HT20-5180MHz



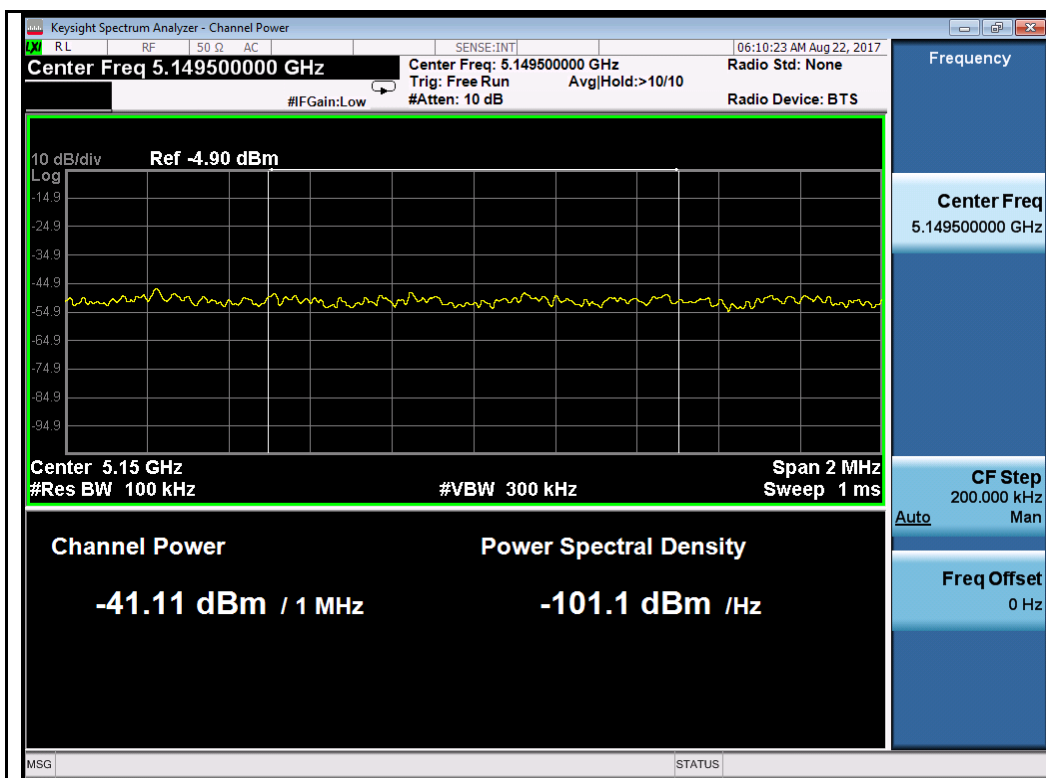
802.11n-HT20-5240MHz



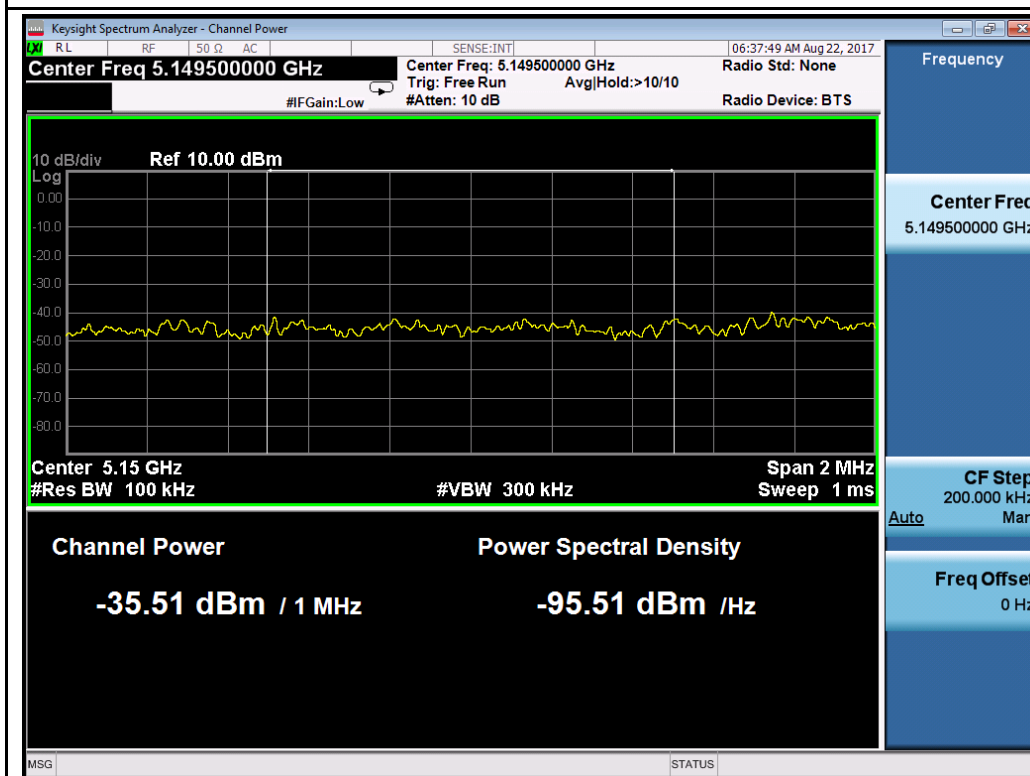
802.11n-HT40-5190MHz



802.11n-HT40-5230MHz



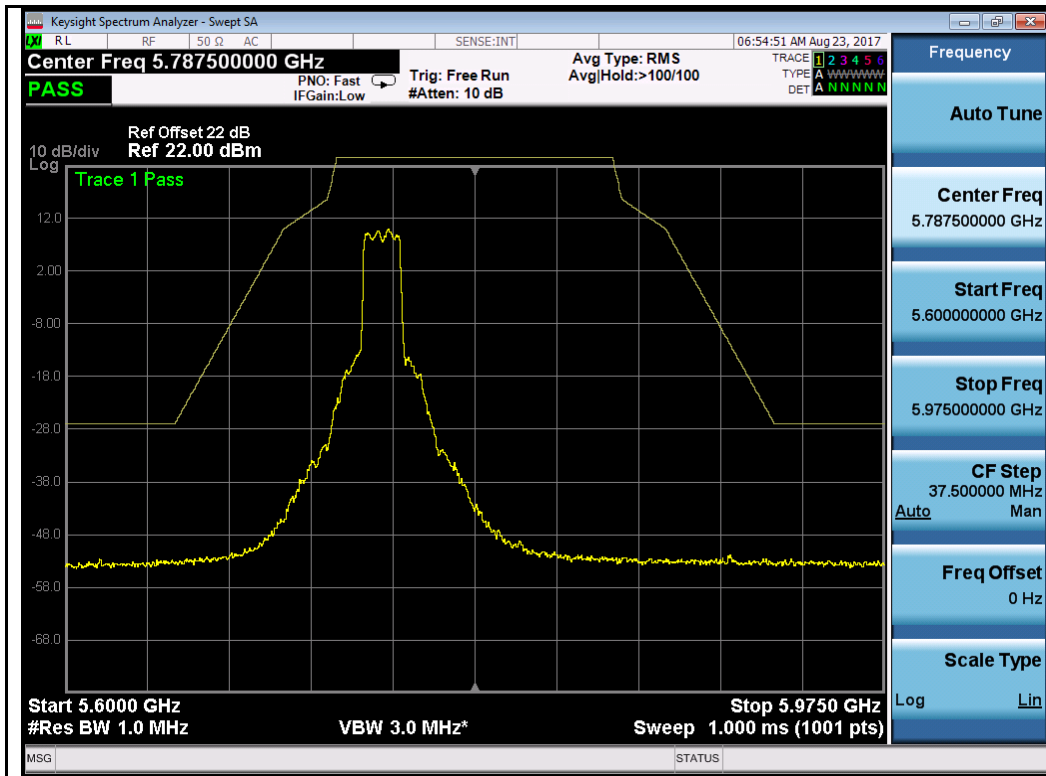
802.11ac-VHT80-5210MHz



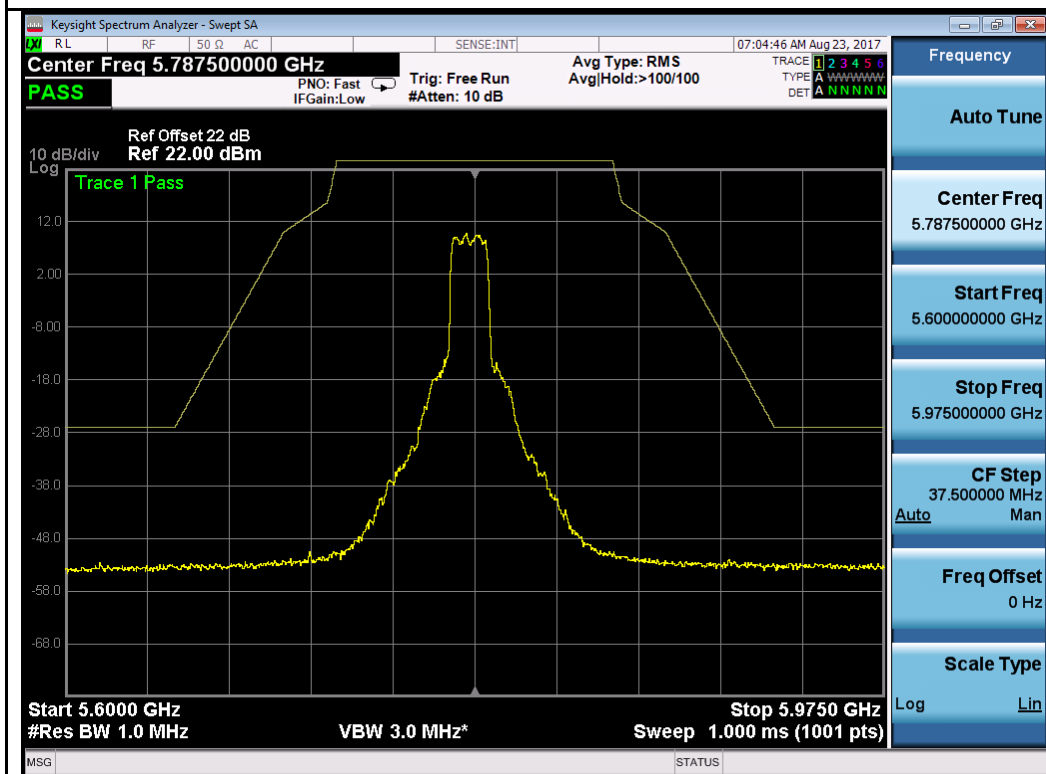
802.11ac-VHT80-5210MHz

Test Plot for W58:

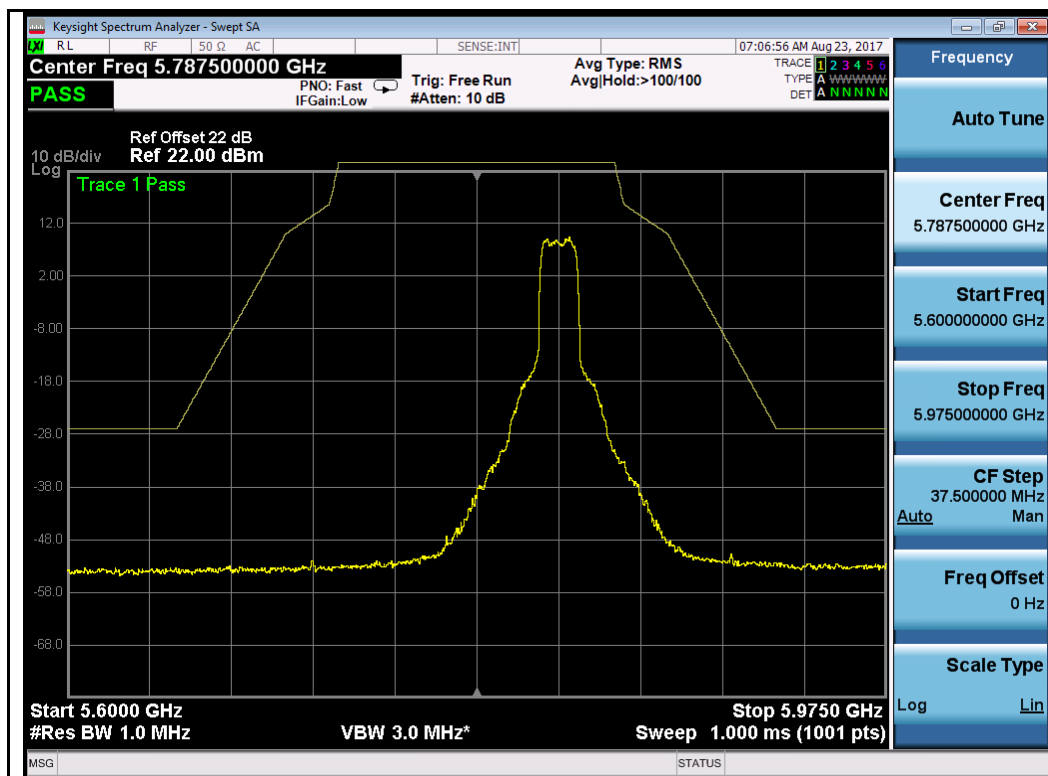
Chain 0:



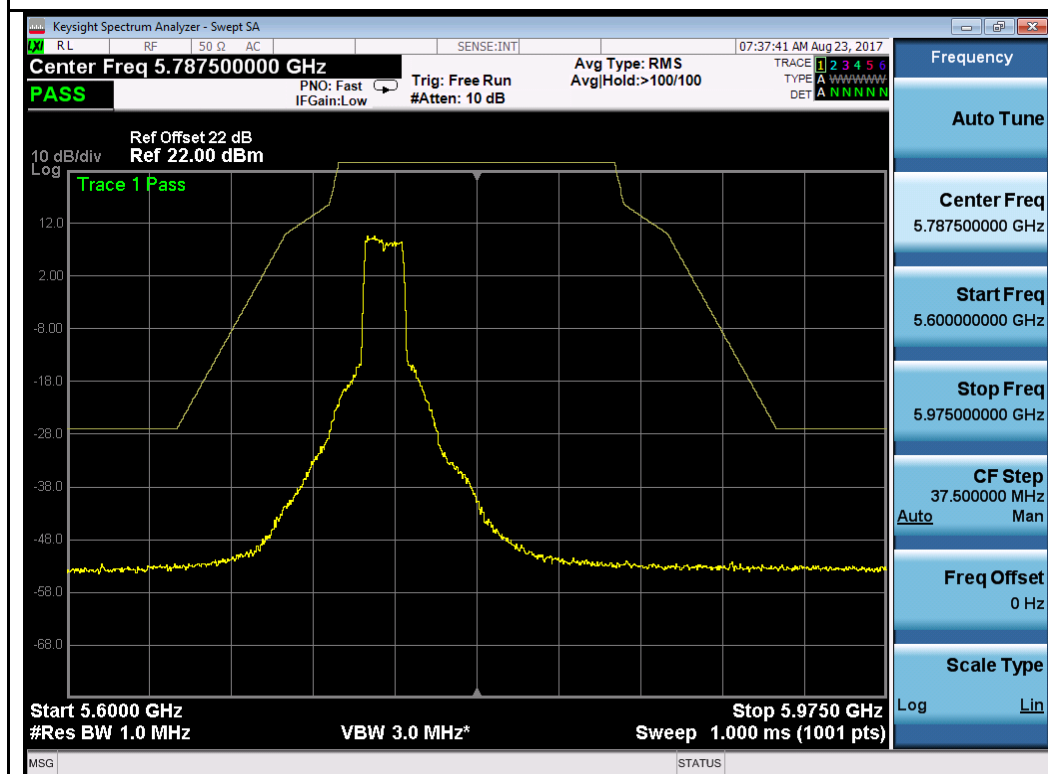
802.11a-5745MHz



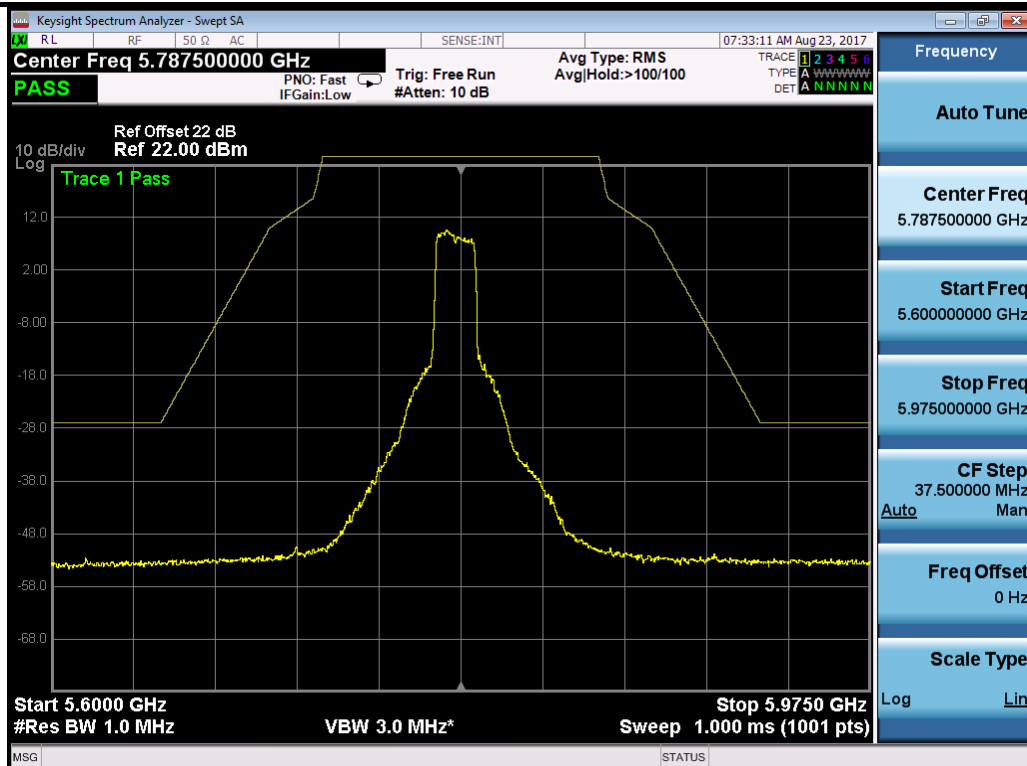
802.11a-5785MHz



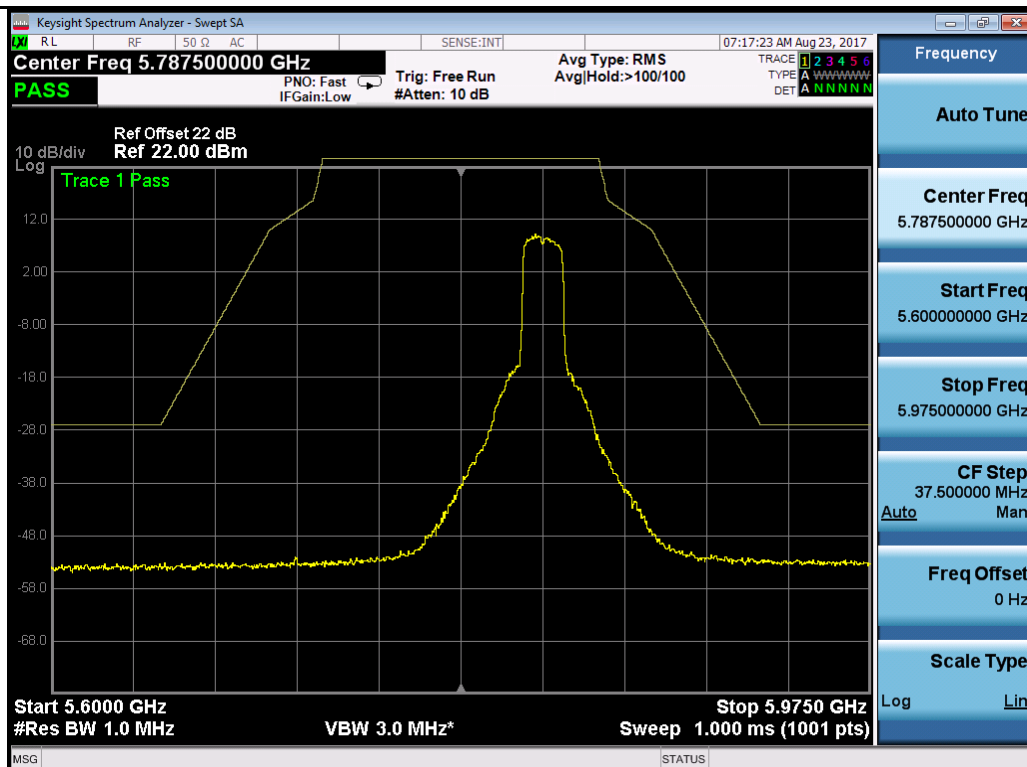
802.11a-5825MHz



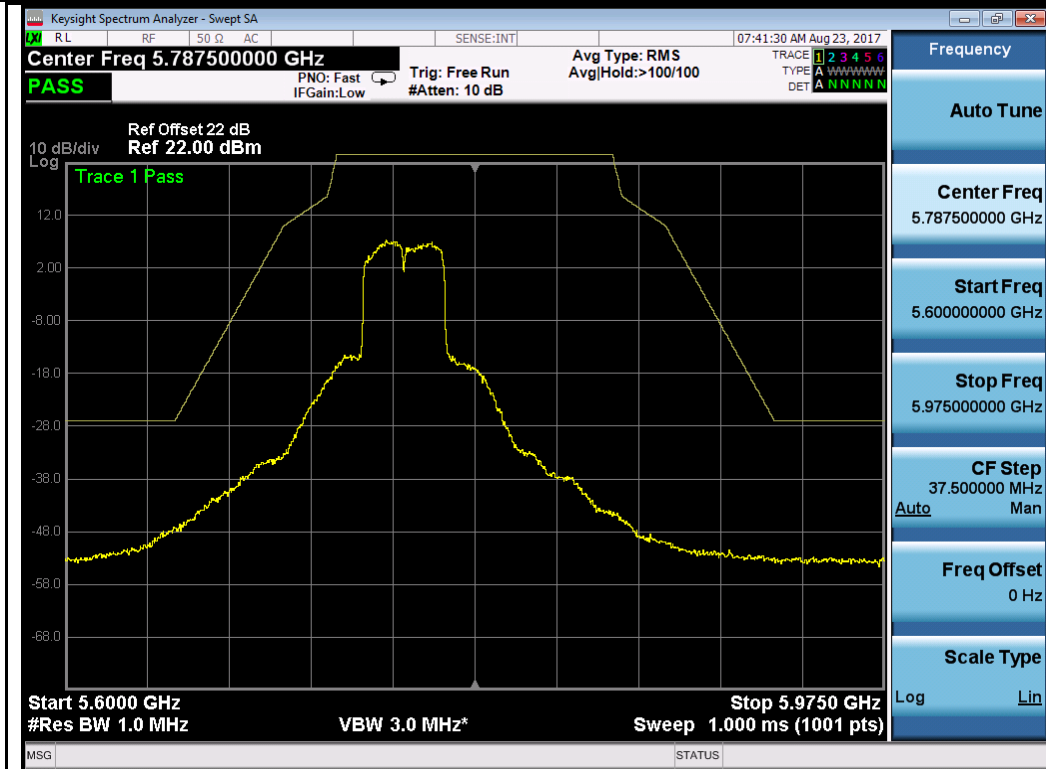
802.11n-HT20-5745MHz



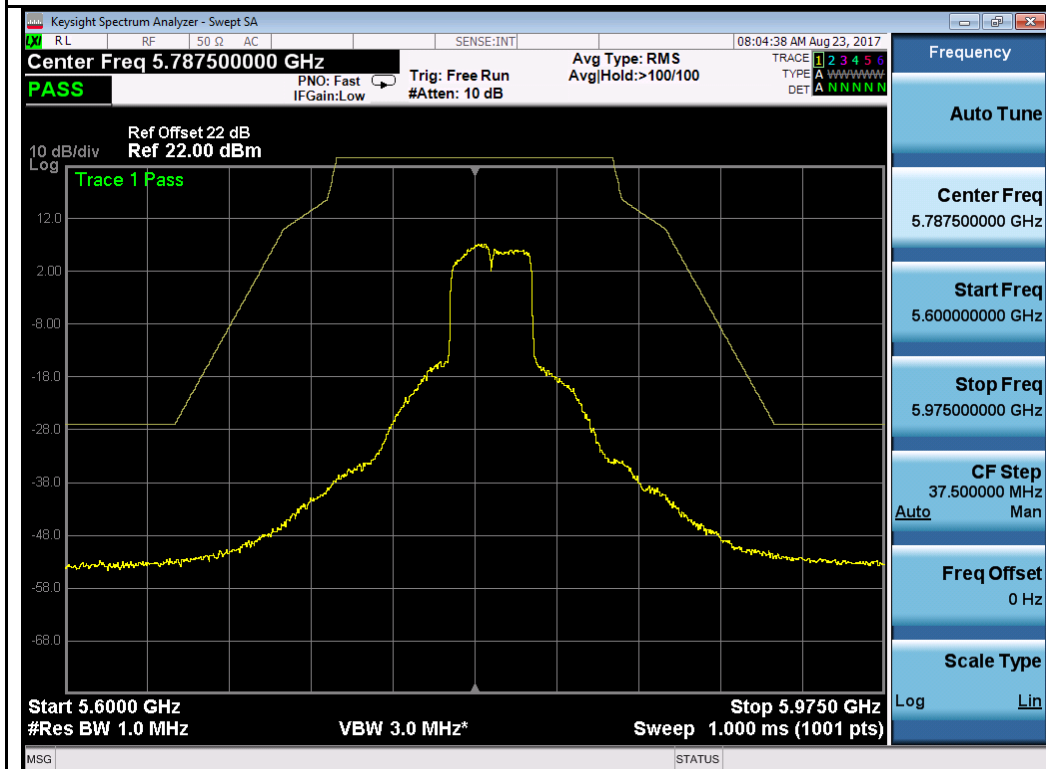
802.11n-HT20-5785MHz



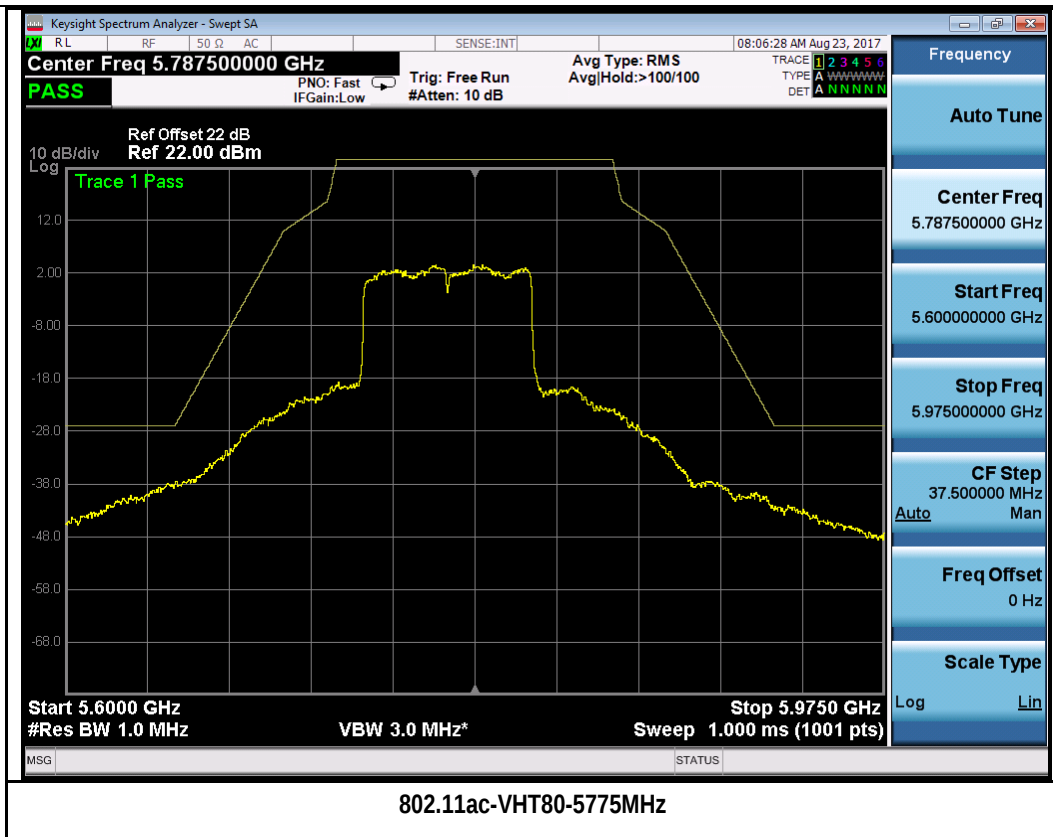
802.11n-HT20-5825MHz



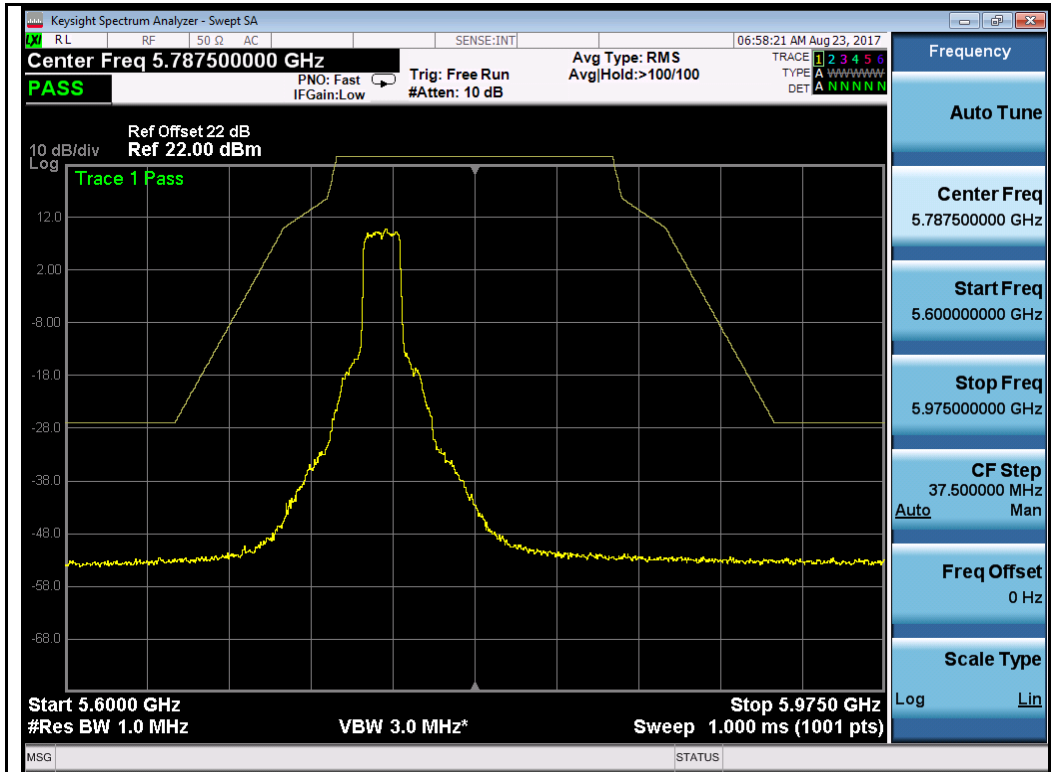
802.11n-HT40-5755MHz



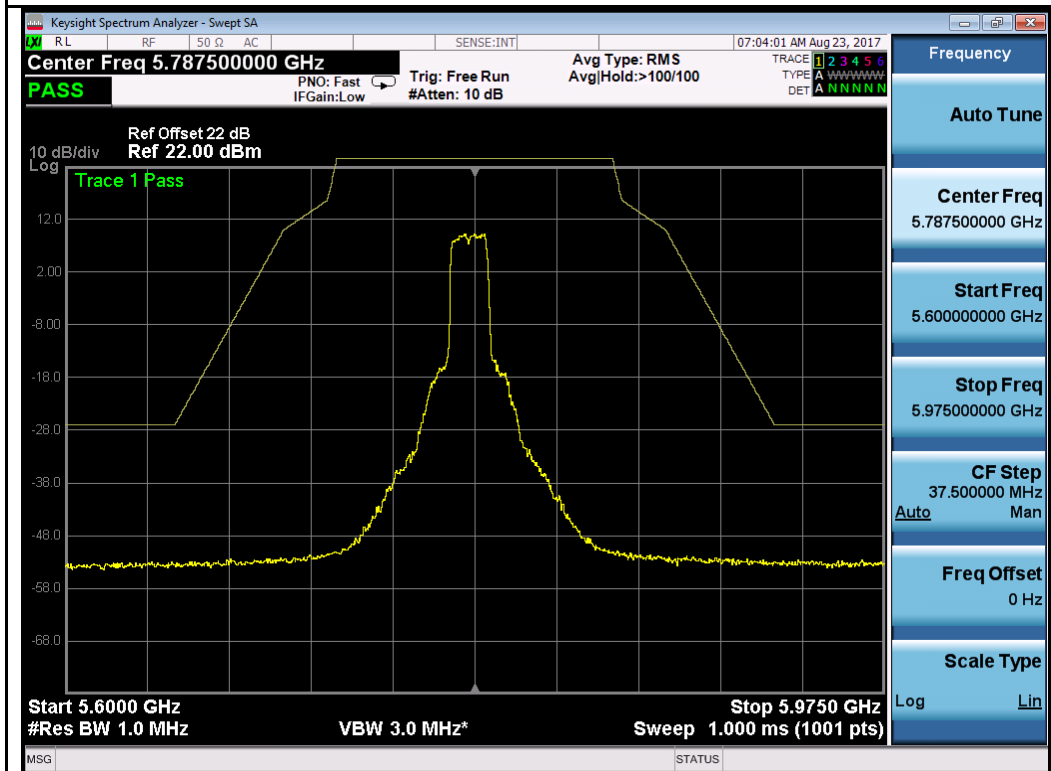
802.11n-HT40-5795MHz



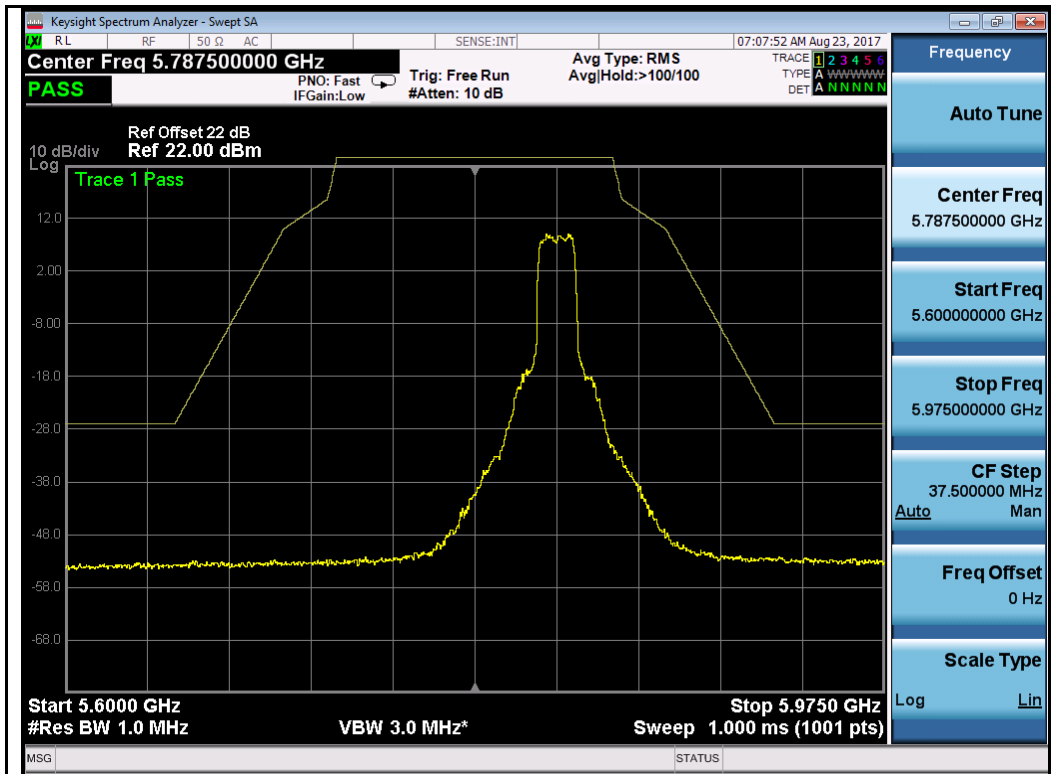
Chain 1:



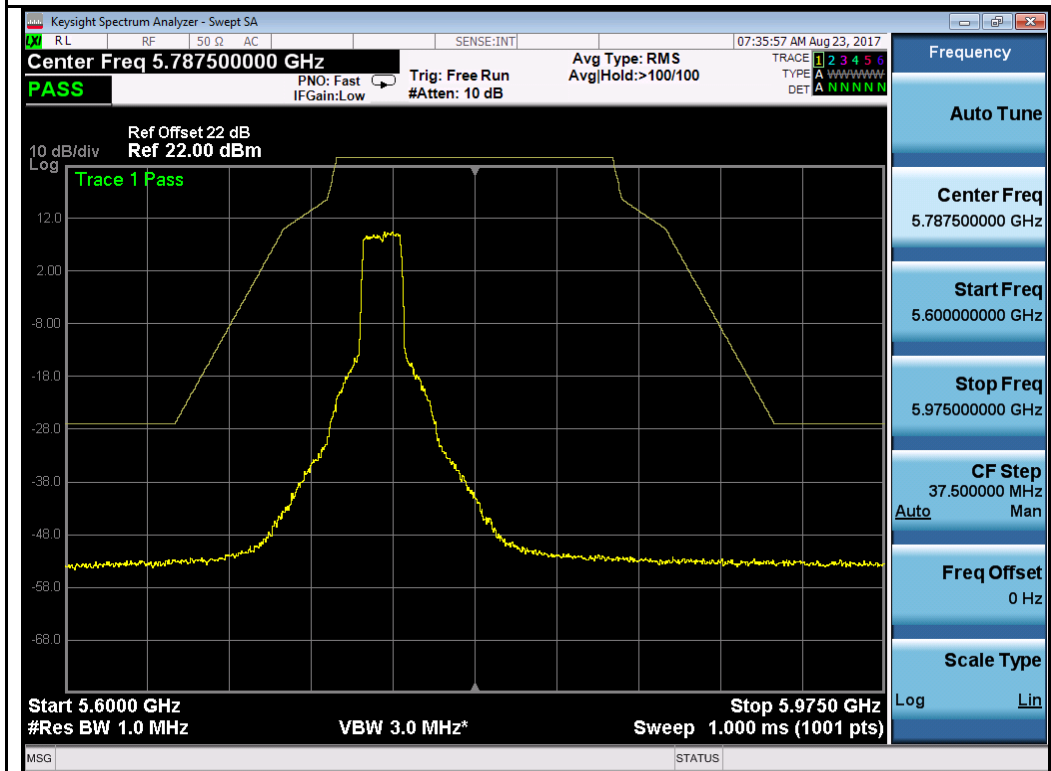
802.11a-5745MHz



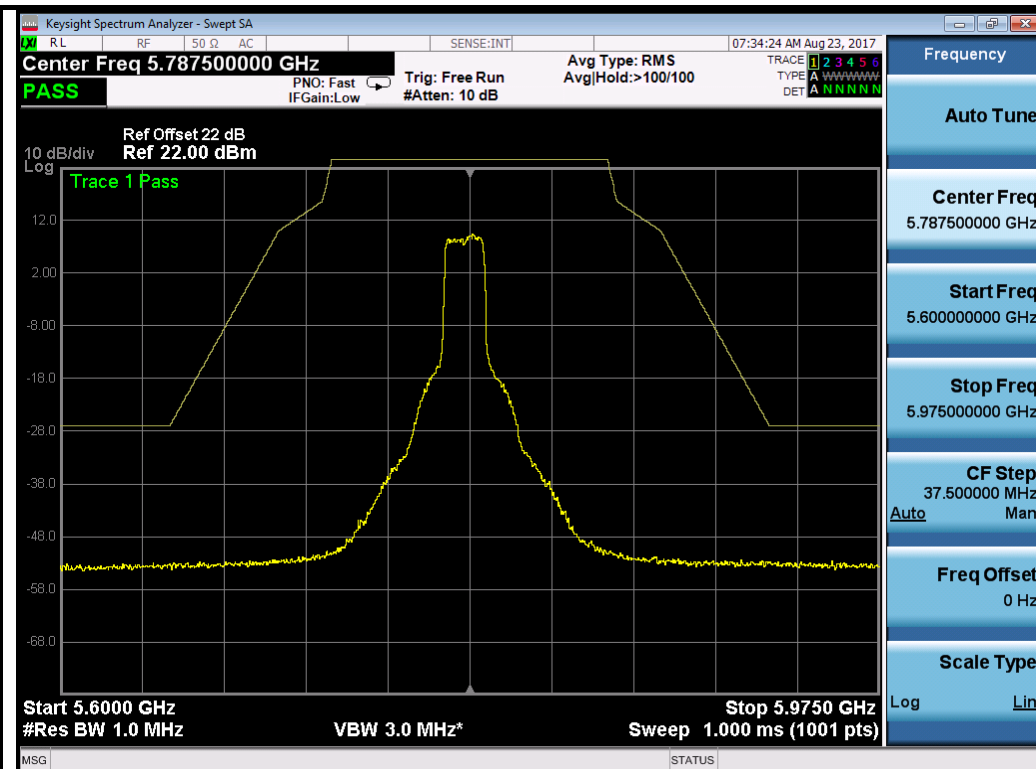
802.11a-5785MHz



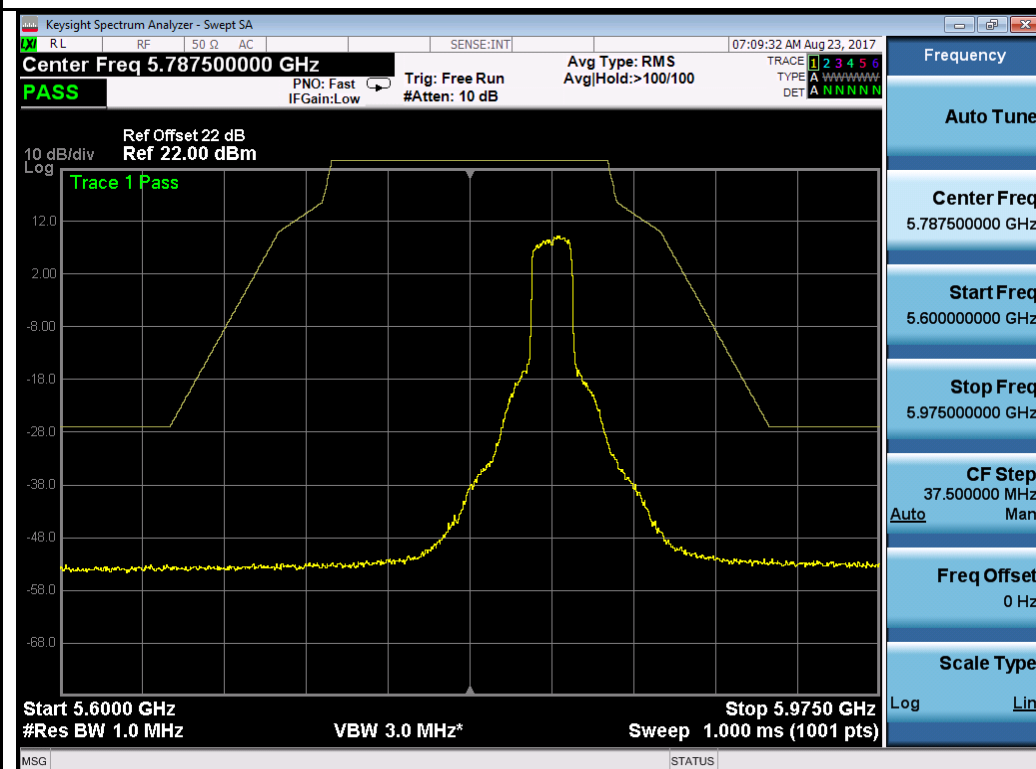
802.11a-5825MHz



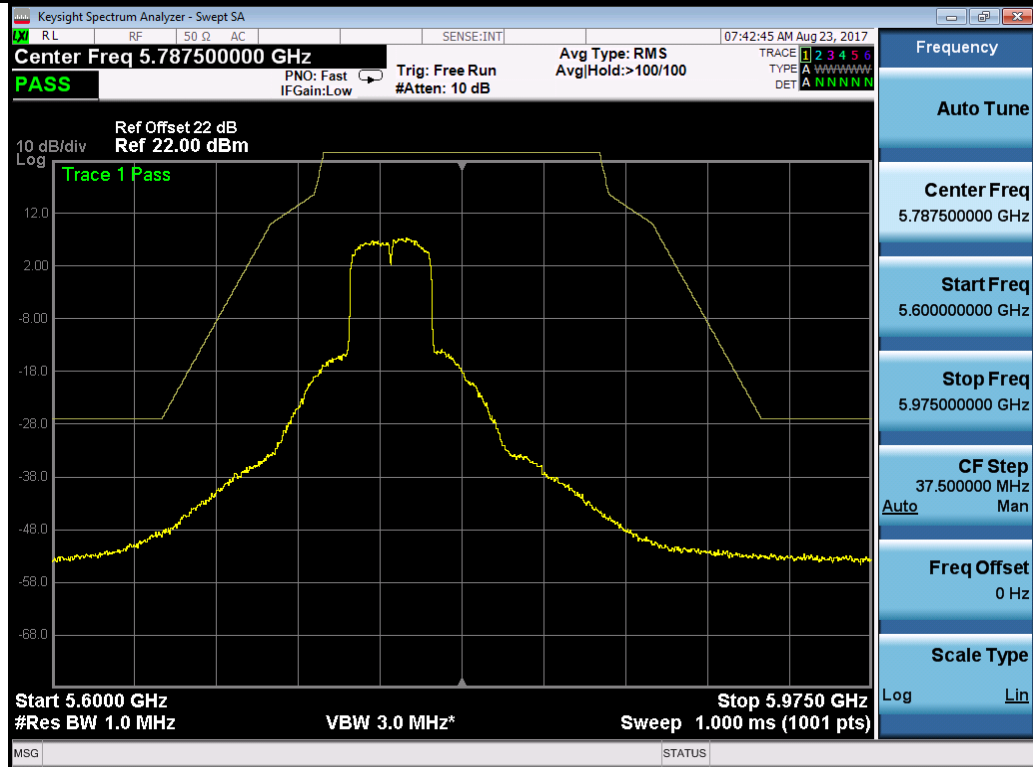
802.11n-HT20-5745MHz



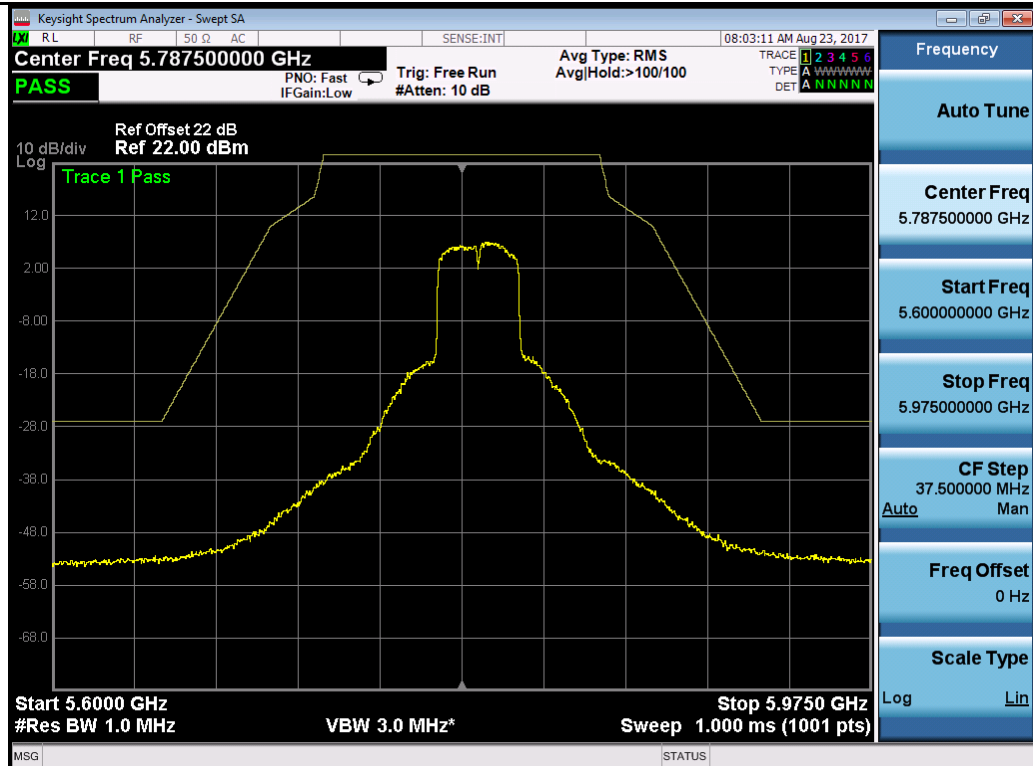
802.11n-HT20-5785MHz



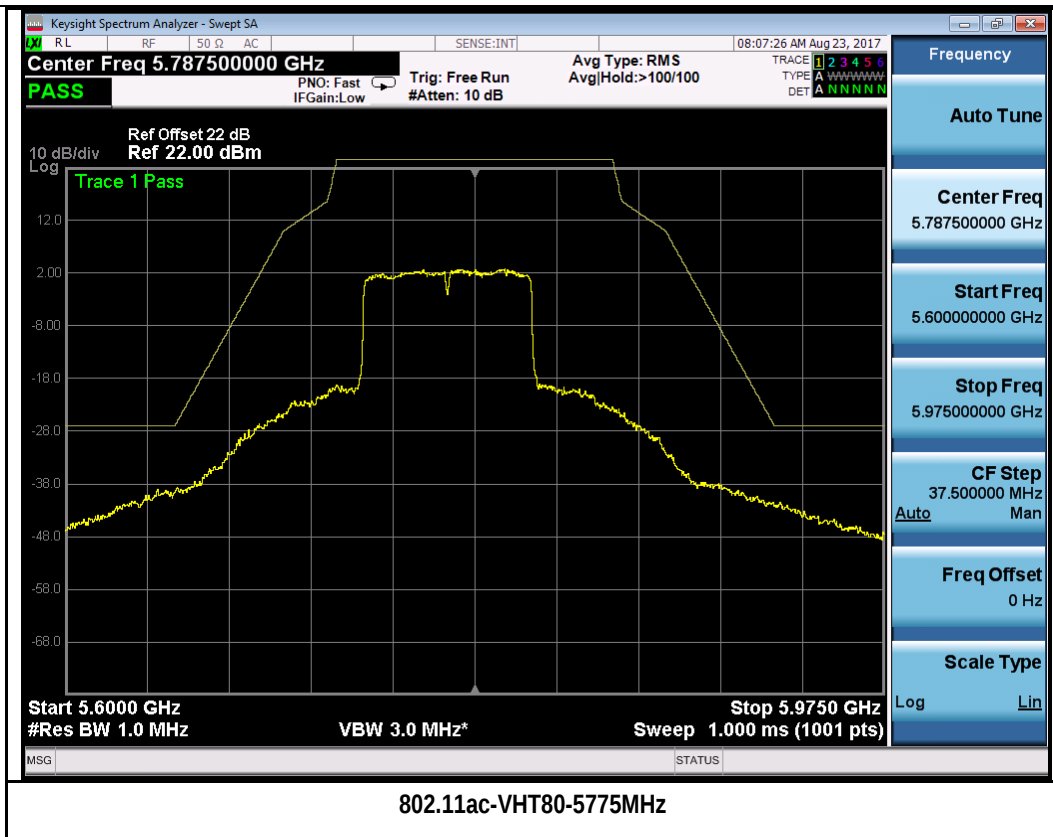
802.11n-HT20-5825MHz



802.11n-HT40-5755MHz

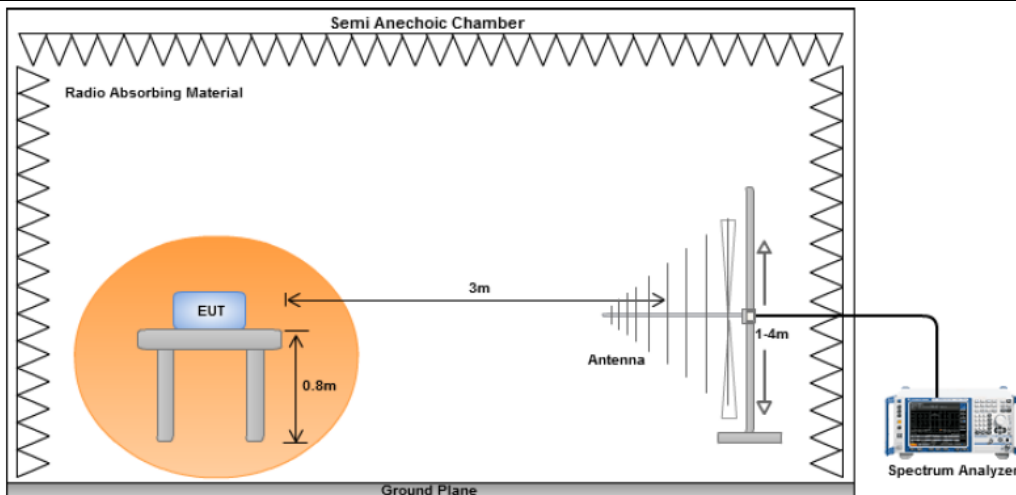


802.11n-HT40-5795MHz



10.6 Radiated Emissions below 1GHz

Requirement(s):

Spec	Requirement	Applicable										
47CFR§ 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 polarization, 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											

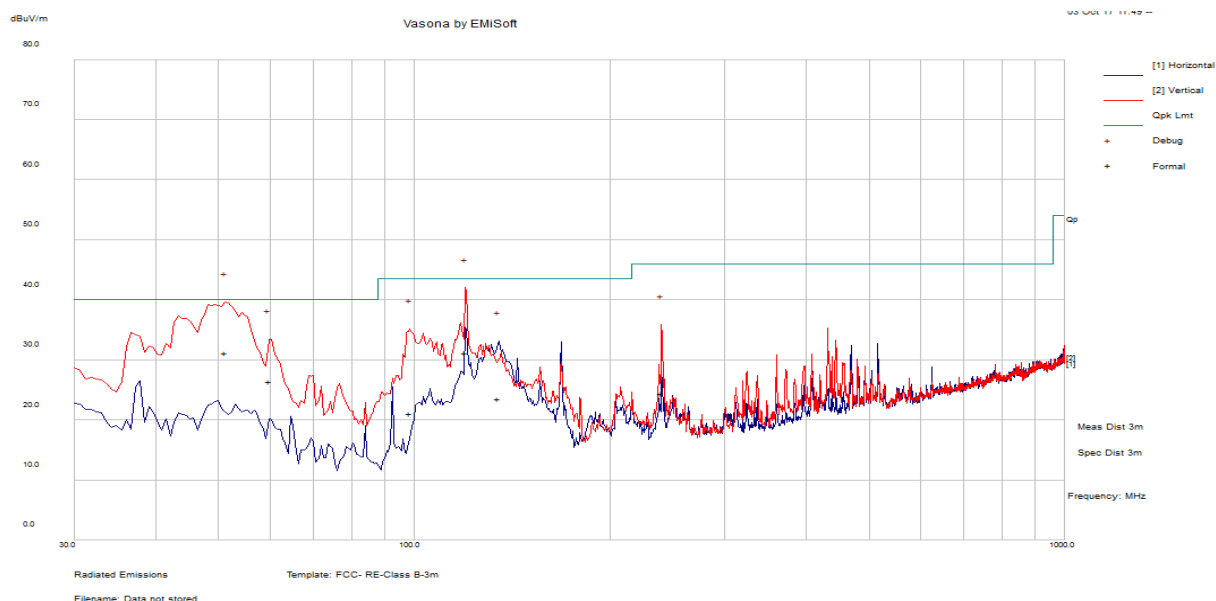
Test Data ☒ Yes (See below) ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Test was done by Shuo Zhang at 10m chamber.

Radiated Emission Test Results (Below 1GHz)

Test specification	below 1GHz			
Environmental Conditions:	Temp (°C):	23	Result	Pass
	Humidity (%)	46		
	Atmospheric (mbar):	1017		
Mains Power:	120VAC, 60Hz			
Tested by:	Shuo Zhang			
Test Date:	08/21/2017-10/05/2017			
Remarks:	802.11ac – VHT80, 5210MHz			

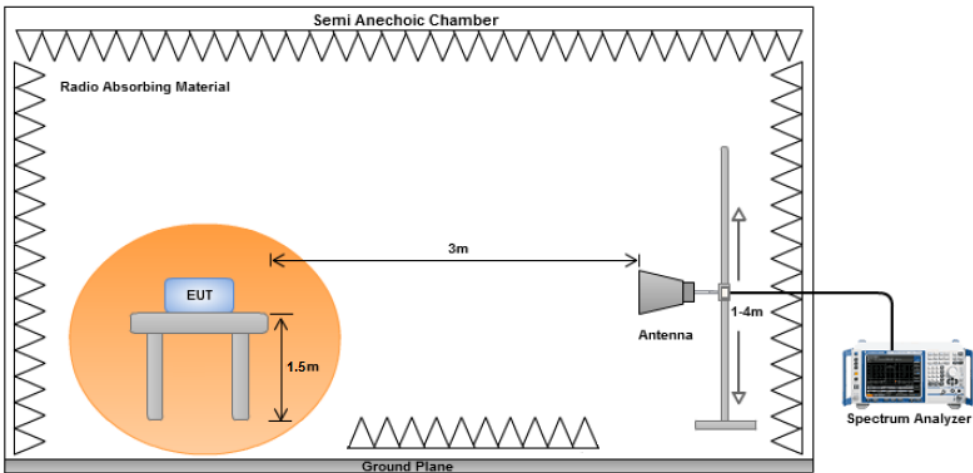


Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
51.25	46.89	11.59	-27.26	31.22	Quasi Max	V	111	112	40	-8.78	Pass
119.97	41.83	12.25	-22.86	31.23	Quasi Max	V	136	110	43.5	-12.27	Pass
59.95	43.15	11.66	-28.35	26.46	Quasi Max	V	218	220	40	-13.54	Pass
98.63	35.47	12.02	-26.41	21.09	Quasi Max	V	130	330	43.5	-22.41	Pass
239.98	36.23	13.08	-24.87	24.44	Quasi Max	V	131	162	46	-21.56	Pass
134.79	34.3	12.34	-23.1	23.55	Quasi Max	H	239	111	43.5	-19.96	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):

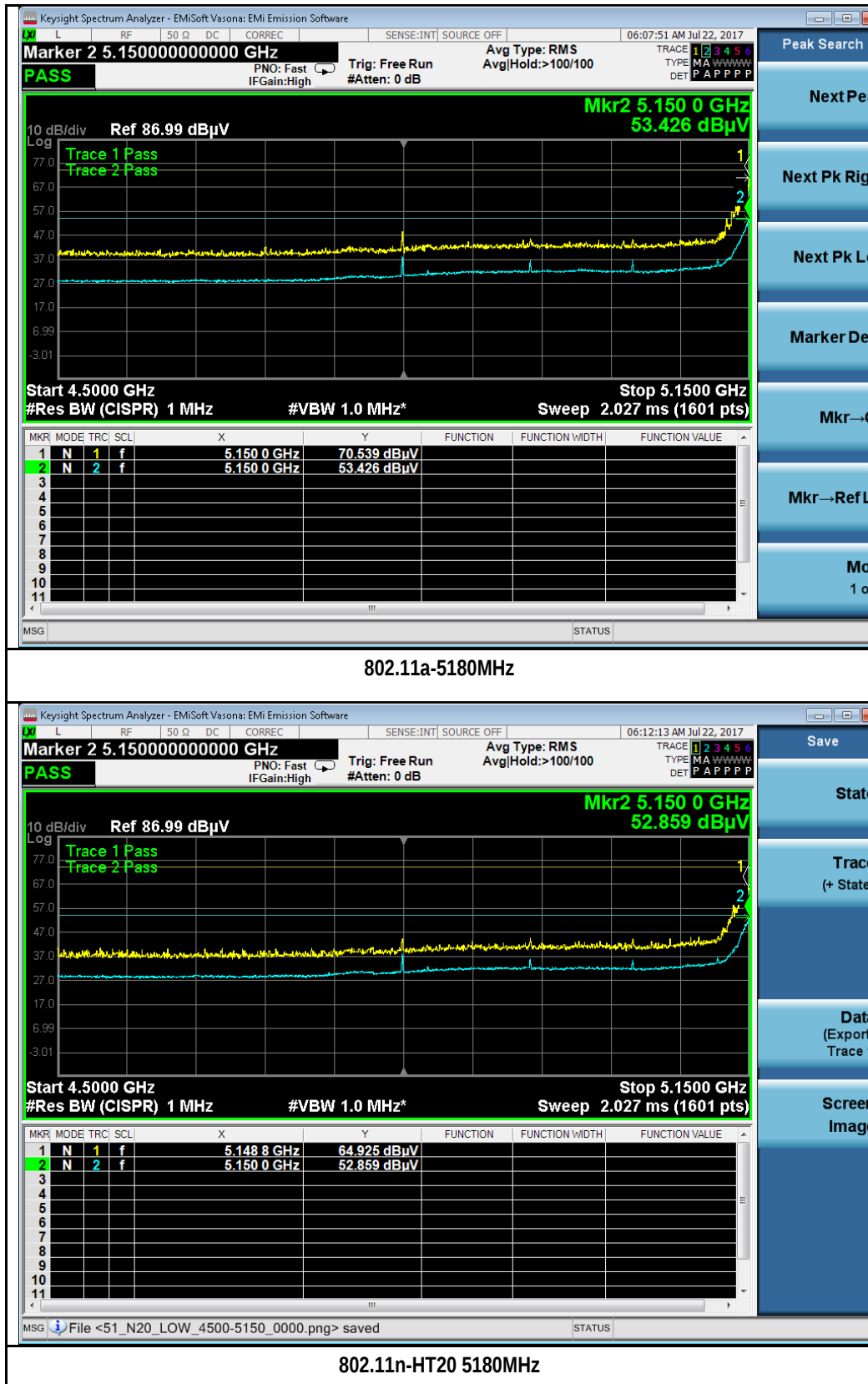
Spec	Item	Requirement	Applicable
47CFR§ 15.407(b)(2), 15.407(b)(6)	(1)	For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.	☒
	(2)	For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 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	☒
Test Setup			
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		

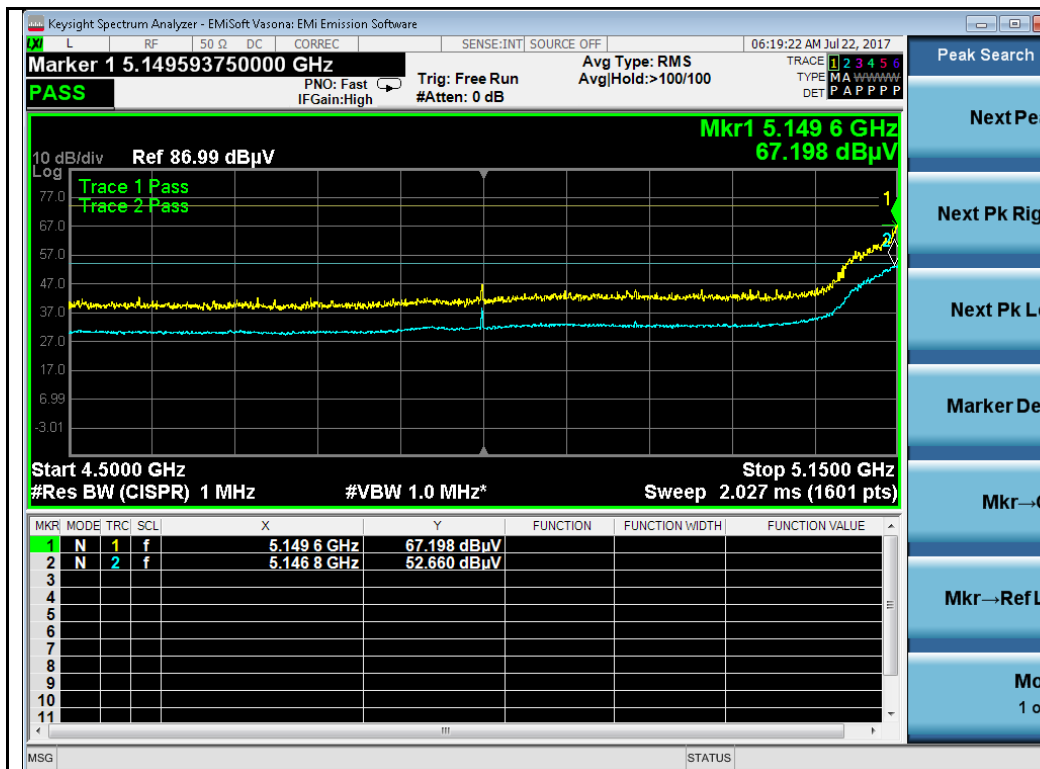
Test Data ☐ Yes (See below) ☒ N/A

Test Plot ☒ Yes (See below) ☐ N/A

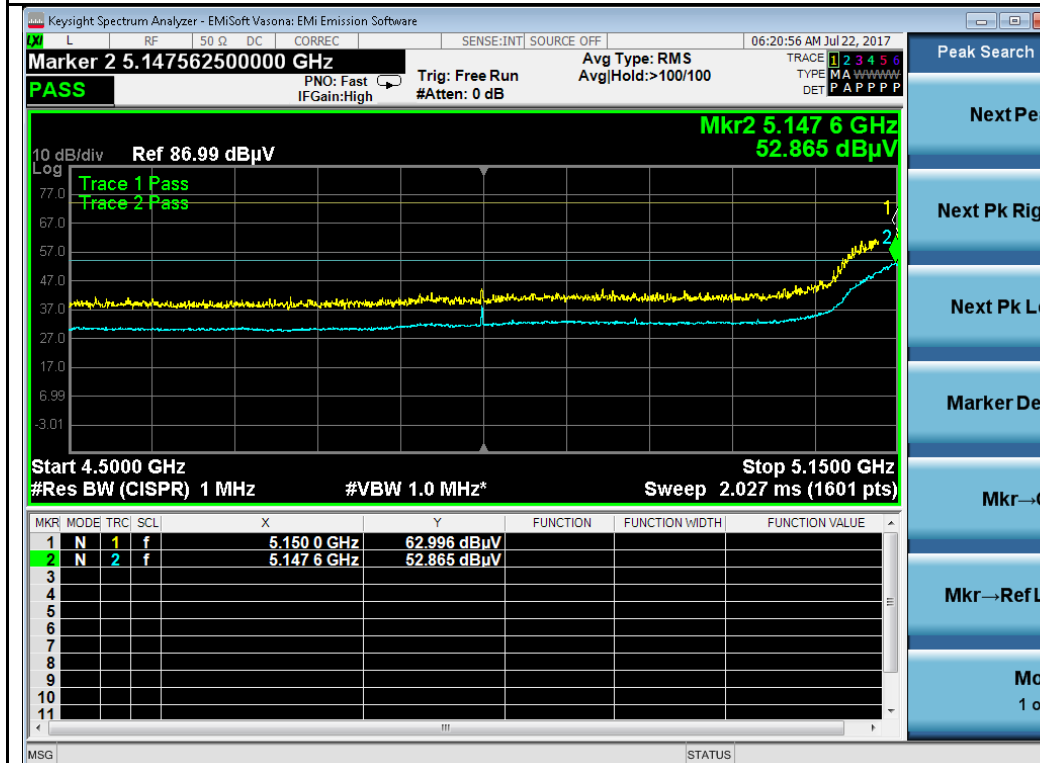
Test was done by Shuo Zhang at 10m chamber.

Restricted Band Measurement Plots:





802.11n-HT40 5190MHz



802.11ac-VHT80 5210MHz

Radiated Emission Test Results (Above 1GHz)

1GHz-40GHz – 802.11a – 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
10358.66	52.27	6.69	2.14	61.1	Peak Max	V	232	317	74	-12.9	Pass
6906.59	49.14	5.21	0.85	55.19	Peak Max	V	309	229	74	-18.81	Pass
1989.46	41.04	2.74	-6.09	37.7	Peak Max	H	197	335	74	-36.3	Pass
10358.66	38.46	6.69	2.14	47.29	Average Max	V	232	317	54	-6.71	Pass
6906.59	44.57	5.21	0.85	50.62	Average Max	V	309	229	54	-3.38	Pass
1989.46	28.22	2.74	-6.09	24.88	Average Max	H	197	335	54	-29.12	Pass

1GHz-40GHz – 802.11a – 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
6933.19	48.41	5.21	0.89	54.52	Peak Max	H	286	227	74	-19.49	Pass
6933.19	41.99	5.21	0.89	48.1	Average Max	H	286	227	54	-5.9	Pass
10401.11	34.32	6.71	2.17	43.19	Average Max	V	161	3	54	-10.81	Pass
10401.11	48.95	6.71	2.17	57.83	Peak Max	V	161	3	74	-16.17	Pass
13991.02	25.72	8.09	6.42	40.22	Average Max	V	153	195	54	-13.78	Pass
13991.02	38.08	8.09	6.42	52.58	Peak Max	V	153	195	74	-21.42	Pass

1GHz-40GHz – 802.11a – 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
10479.67	48.15	6.75	2.45	57.35	Peak Max	V	280	323	74	-16.65	Pass
6986.68	48.37	5.23	0.99	54.59	Peak Max	V	280	226	74	-19.41	Pass
13670.84	37.84	8.63	6.04	52.51	Peak Max	H	177	49	74	-21.49	Pass
10479.67	34.64	6.75	2.45	43.84	Average Max	V	280	323	54	-10.16	Pass
6986.68	42.8	5.23	0.99	49.01	Average Max	V	280	226	54	-4.99	Pass
13670.84	25.59	8.63	6.04	40.25	Average Max	H	177	49	54	-13.75	Pass

1GHz-40GHz – 802.11n-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
10360.93	48.3	6.69	2.15	57.14	Peak Max	H	224	323	74	-16.86	Pass
6906.71	48.41	5.21	0.85	54.46	Peak Max	V	237	224	74	-19.54	Pass
13722.97	37.53	8.54	6.15	52.22	Peak Max	H	304	139	74	-21.78	Pass
10360.93	35.14	6.69	2.15	43.97	Average Max	H	224	323	54	-10.03	Pass
6906.71	43.42	5.21	0.85	49.47	Average Max	V	237	224	54	-4.53	Pass
13722.97	25.55	8.54	6.15	40.24	Average Max	H	304	139	54	-13.76	Pass

1GHz-40GHz – 802.11n-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
10394.38	49.79	6.71	2.16	58.65	Peak Max	H	226	309	74	-15.35	Pass
6933.38	48.55	5.21	0.89	54.66	Peak Max	H	254	228	74	-19.34	Pass
13564.99	36.83	8.81	6.22	51.86	Peak Max	H	161	76	74	-22.14	Pass
10394.38	36.56	6.71	2.16	45.42	Average Max	H	226	309	54	-8.58	Pass
6933.38	42.05	5.21	0.89	48.16	Average Max	H	254	228	54	-5.84	Pass
13564.99	24.89	8.81	6.22	39.92	Average Max	H	161	76	54	-14.08	Pass

1GHz-40GHz – 802.11n-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
10476.53	46.08	6.75	2.44	55.27	Peak Max	V	192	192	74	-18.73	Pass
6986.60	48.96	5.23	0.99	55.18	Peak Max	V	257	228	74	-18.82	Pass
13970.06	37.98	8.12	6.38	52.49	Peak Max	H	283	96	74	-21.52	Pass
10476.53	33.11	6.75	2.44	42.29	Average Max	V	192	192	54	-11.71	Pass
6986.60	43.03	5.23	0.99	49.24	Average Max	V	257	228	54	-4.76	Pass
13970.06	25.66	8.12	6.38	40.17	Average Max	H	283	96	54	-13.84	Pass

1GHz-40GHz – 802.11n-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
10376.29	42.24	6.7	2.15	51.09	Peak Max	V	147	274	74	-22.91	Pass
6920.02	48.26	5.21	0.87	54.34	Peak Max	H	298	231	74	-19.66	Pass
13950.89	38.5	8.15	6.35	53	Peak Max	H	242	148	74	-21	Pass
10376.29	26.88	6.7	2.15	35.73	Average Max	V	147	274	54	-18.27	Pass
6920.02	44.08	5.21	0.87	50.16	Average Max	H	298	231	54	-3.84	Pass
13950.89	25.6	8.15	6.35	40.11	Average Max	H	242	148	54	-13.89	Pass

1GHz-40GHz – 802.11n-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
10454.62	48.17	6.74	2.36	57.27	Peak Max	V	159	243	74	-16.74	Pass
13829.48	37.79	8.36	6.53	52.67	Peak Max	H	244	207	74	-21.33	Pass
6973.17	46.74	5.22	0.96	52.92	Peak Max	H	241	227	74	-21.08	Pass
10454.62	30.99	6.74	2.36	40.08	Average Max	V	159	243	54	-13.92	Pass
13829.48	25.3	8.36	6.53	40.19	Average Max	H	244	207	54	-13.81	Pass
6973.17	40.69	5.22	0.96	46.88	Average Max	H	241	227	54	-7.12	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
6946.65	47.61	5.22	0.92	53.75	Peak Max	H	267	226	74	-20.26	Pass
13870.63	37.38	8.29	6.38	52.05	Peak Max	V	107	315	74	-21.95	Pass
9647.14	39.12	6.56	1.26	46.94	Peak Max	V	147	205	74	-27.06	Pass
6946.65	42.77	5.22	0.92	48.9	Average Max	H	267	226	54	-5.1	Pass
13870.63	25.47	8.29	6.38	40.13	Average Max	V	107	315	54	-13.87	Pass
9647.14	26.97	6.56	1.26	34.79	Average Max	V	147	205	54	-19.21	Pass

1GHz-40GHz – 802.11a – 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
17586.42	38.68	8.02	11.16	57.86	Peak Max	V	146	192	74	-16.14	Pass
11488.49	48.05	7.69	2.67	58.41	Peak Max	H	207	344	74	-15.59	Pass
7659.933	42.87	5.61	0.79	49.27	Peak Max	V	190	272	74	-24.74	Pass
17586.42	26.84	8.02	11.16	46.03	Average Max	V	146	192	54	-7.97	Pass
11488.49	36.35	7.69	2.67	46.71	Average Max	H	207	344	54	-7.29	Pass
7659.933	35.54	5.61	0.79	41.94	Average Max	V	190	272	54	-12.07	Pass

1GHz-40GHz - 802.11a– 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
8842.36	39.34	5.99	1.35	46.68	Peak Max	V	105	128	74	-27.32	Pass
8842.36	26.97	5.99	1.35	34.3	Average Max	V	105	128	54	-19.7	Pass
11570.53	36.55	7.76	2.85	47.16	Average Max	H	199	159	54	-6.84	Pass
11570.53	50.4	7.76	2.85	61.01	Peak Max	H	199	159	74	-12.99	Pass
17356.92	26.6	8.06	10.59	45.26	Average Max	V	161	24	54	-8.75	Pass
17356.92	39.14	8.06	10.59	57.8	Peak Max	V	161	24	74	-16.21	Pass

1GHz-40GHz - 802.11a - 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
11644.35	43.96	7.81	2.86	54.63	Peak Max	H	116	293	74	-19.38	Pass
17475.17	38.94	8	10.62	57.56	Peak Max	V	102	199	74	-16.44	Pass
4823.75	45.31	4.17	-2.06	47.42	Peak Max	V	148	325	74	-26.58	Pass
11644.35	28.92	7.81	2.86	39.59	Average Max	H	116	293	54	-14.42	Pass
17475.17	26.74	8	10.62	45.36	Average Max	V	102	199	54	-8.64	Pass
4823.75	39.22	4.17	-2.06	41.33	Average Max	V	148	325	54	-12.67	Pass

1GHz-40GHz – 802.11n-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
11487.84	46.32	7.69	2.67	56.68	Peak Max	H	176	257	74	-17.32	Pass
17233.9	38.04	8.12	8.66	54.81	Peak Max	V	146	48	74	-19.19	Pass
7660.26	41.84	5.61	0.79	48.24	Peak Max	V	180	262	74	-25.77	Pass
11487.84	32.28	7.69	2.67	42.64	Average Max	H	176	257	54	-11.36	Pass
17233.9	26.59	8.12	8.66	43.36	Average Max	V	146	48	54	-10.64	Pass
7660.26	33.42	5.61	0.79	39.82	Average Max	V	180	262	54	-14.18	Pass

1GHz-40GHz - 802.11n-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
11560.7	44.85	7.75	2.82	55.42	Peak Max	V	192	320	74	-18.58	Pass
17650.06	38.15	8.05	11.41	57.62	Peak Max	V	101	233	74	-16.39	Pass
4823.533	45.29	4.17	-2.06	47.4	Peak Max	V	190	13	74	-26.61	Pass
11560.7	31	7.75	2.82	41.57	Average Max	V	192	320	54	-12.43	Pass
17650.06	26.58	8.05	11.41	46.05	Average Max	V	101	233	54	-7.96	Pass
4823.533	38.81	4.17	-2.06	40.92	Average Max	V	190	13	54	-13.08	Pass

1GHz-40GHz - 802.11n-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
17476.67	38.46	8	10.61	57.07	Peak Max	H	186	356	74	-16.93	Pass
11646.35	46.64	7.81	2.85	57.3	Peak Max	V	189	346	74	-16.7	Pass
4823.468	45.31	4.17	-2.06	47.41	Peak Max	V	169	332	74	-26.59	Pass
17476.67	26.71	8	10.61	45.32	Average Max	H	186	356	54	-8.68	Pass
11646.35	27.84	7.81	2.85	38.5	Average Max	V	189	346	54	-15.5	Pass
4823.468	39.11	4.17	-2.06	41.21	Average Max	V	169	332	54	-12.79	Pass

1GHz-40GHz – 802.11n-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
17264.47	38.5	8.1	9.25	55.85	Peak Max	V	174	271	74	-18.15	Pass
11517.01	46.51	7.72	2.66	56.9	Peak Max	H	177	334	74	-17.1	Pass
4823.328	44.72	4.17	-2.06	46.83	Peak Max	V	141	317	74	-27.18	Pass
17264.47	26.73	8.1	9.25	44.08	Average Max	V	174	271	54	-9.93	Pass
11517.01	30.56	7.72	2.66	40.94	Average Max	H	177	334	54	-13.06	Pass
4823.328	37.71	4.17	-2.06	39.82	Average Max	V	141	317	54	-14.18	Pass

1GHz-40GHz - 802.11n-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
17384.54	38.57	8.04	10.91	57.53	Peak Max	H	130	31	74	-16.47	Pass
11591.89	46.11	7.77	2.93	56.82	Peak Max	H	185	163	74	-17.18	Pass
8276.175	38.97	5.9	1.08	45.96	Peak Max	V	143	314	74	-28.04	Pass
17384.54	26.68	8.04	10.91	45.64	Average Max	H	130	31	54	-8.36	Pass
11591.89	32.61	7.77	2.93	43.31	Average Max	H	185	163	54	-10.69	Pass
8276.175	27.06	5.9	1.08	34.04	Average Max	V	143	314	54	-19.96	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
17831.19	38.59	8.12	10.82	57.53	Peak Max	V	110	199	74	-16.47	Pass
11500.96	39.72	7.71	2.6	50.03	Peak Max	V	195	83	74	-23.97	Pass
7702.834	38.38	5.66	0.75	44.79	Peak Max	V	160	78	74	-29.22	Pass
17831.19	26.52	8.12	10.82	45.46	Average Max	V	110	199	54	-8.54	Pass
11500.96	27.23	7.71	2.6	37.54	Average Max	V	195	83	54	-16.46	Pass
7702.834	26.49	5.66	0.75	32.89	Average Max	V	160	78	54	-21.11	Pass

Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Cycle	Cal Due	In use
Conducted Emissions						
R & S Receiver	ESIB 40	100179	06/08/2017	1 Year	06/08/2018	☒
CHASE LISN	MN2050B	1018	08/07/2017	1 Year	08/07/2018	☒
Radiated Emissions						
R & S Receiver	ESIB 40	1018	08/07/2017	1 Year	08/07/2018	☒
Bi-Log antenna (30MHz~2GHz)	JB1	A030702	08/12/2017	1 Year	08/12/2018	☒
Horn Antenna (1GHz~26GHz)	3115	100059	08/25/2017	1 Year	08/25/2018	☒
3 Meters SAC	3M	N/A	08/08/2017	1 Year	08/08/2018	☒
10 Meters SAC	10M	N/A	09/05/2017	1 Year	09/05/2018	☒
RF Conducted Measurement						
Spectrum Analyzer	N9010A	10SL0219	08/20/2017	1 Year	08/20/2018	☒
R & S Receiver	ESIB 40	100179	06/08/2017	1 Year	06/08/2018	☒
ETS-Lingren USB RF Power Sensor	7002-006	10SL0190	09/03/2017	1 Year	09/03/2018	☒

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