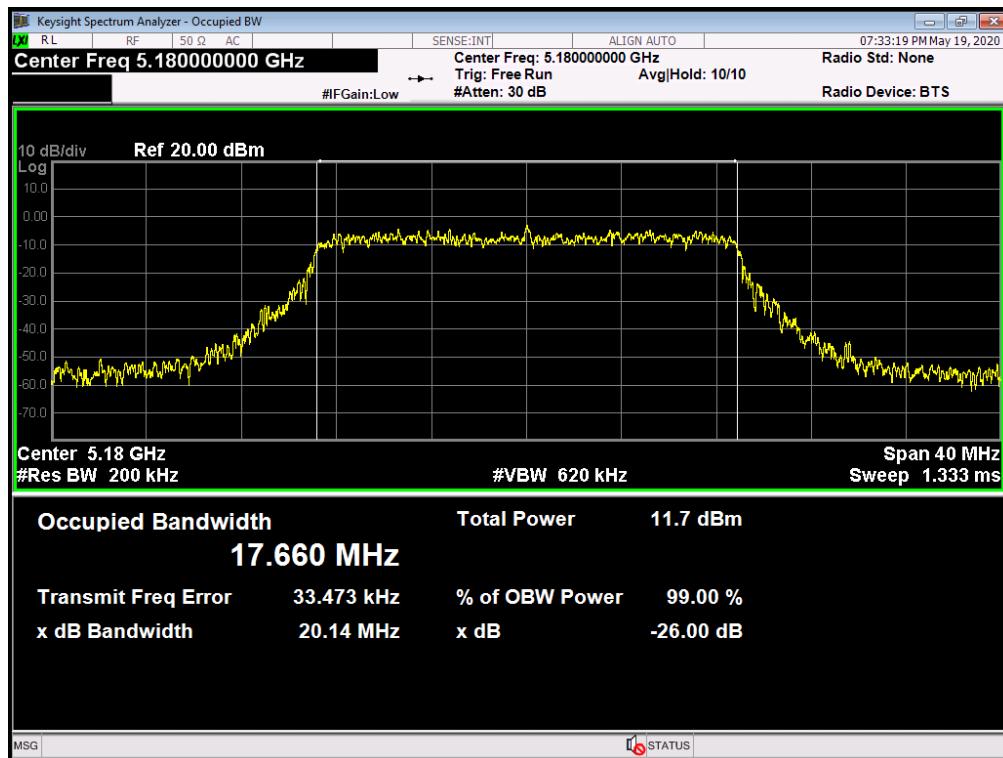


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-1) Antenna B		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	20.14	17.660
40	5200	20.57	17.625
48	5240	19.99	17.556

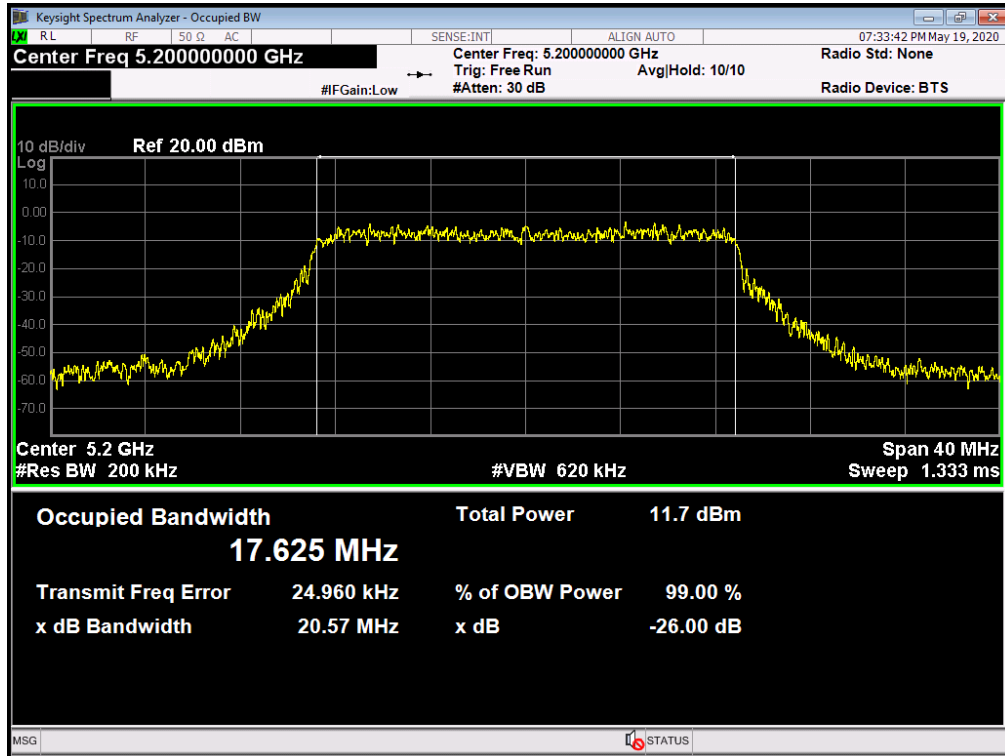
802.11ac(VHT20) Mode

Antenna B---5180 MHz



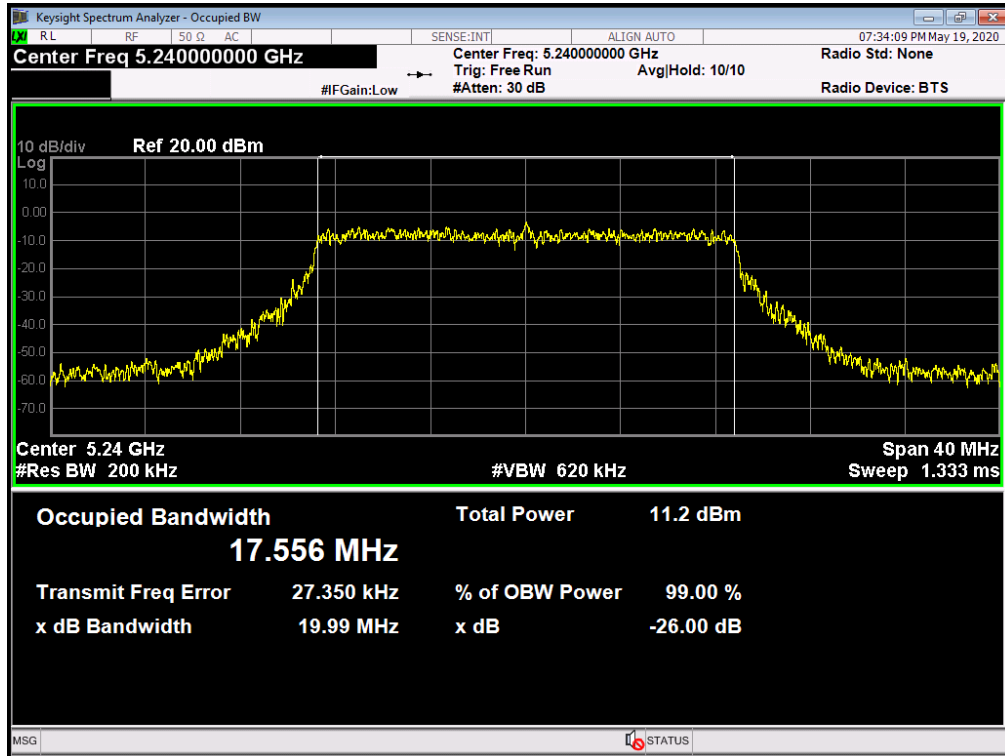
802.11ac(VHT20) Mode

Antenna B--5200 MHz



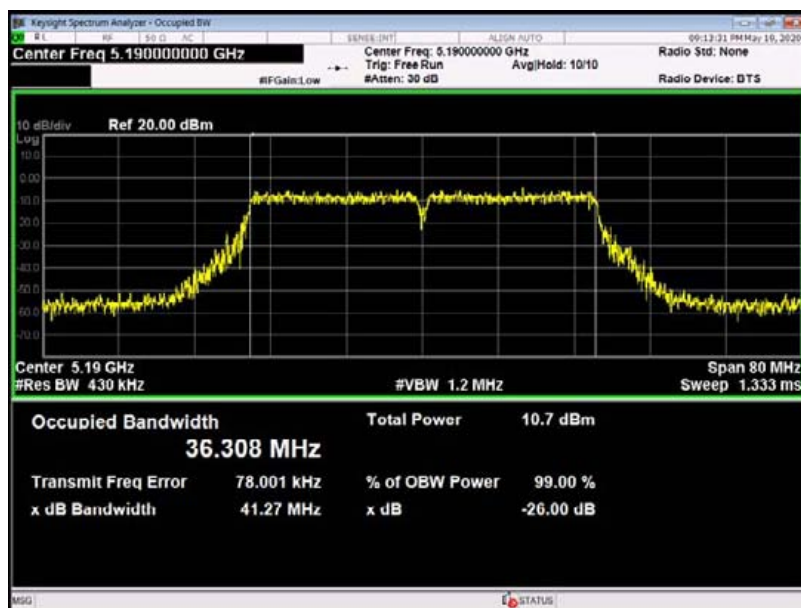
802.11ac(VHT20) Mode

Antenna B--5240 MHz

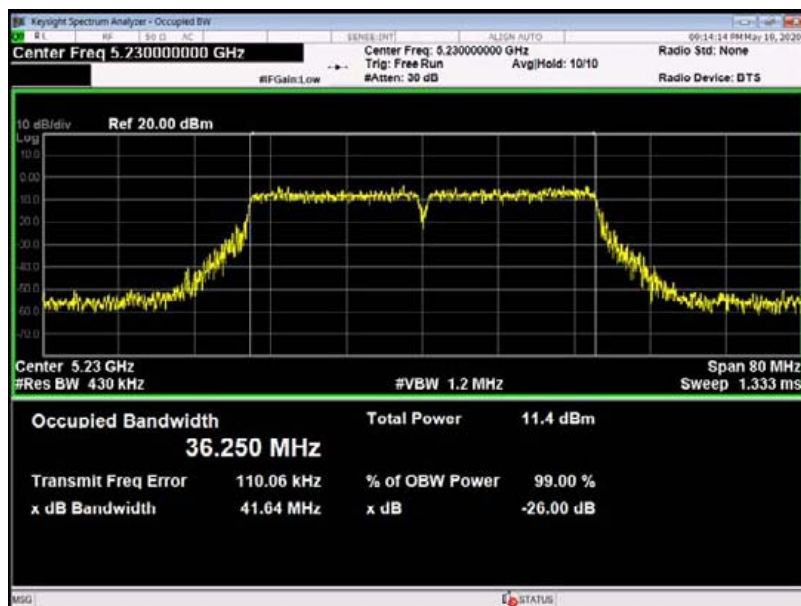


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT40) Mode (U-NII-1) Antenna A		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	41.27	36.308
46	5230	41.64	36.250

802.11N(HT40) Mode
Antenna A---5190 MHz

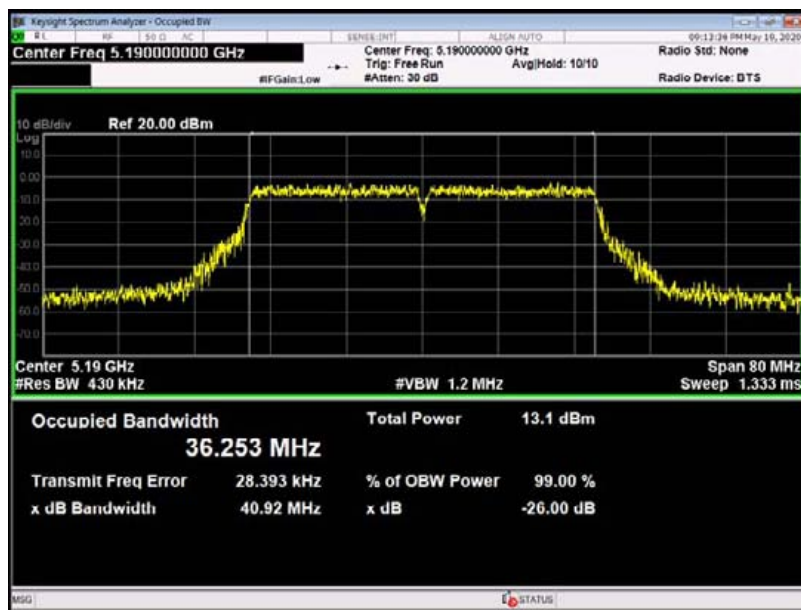


Antenna A---5230 MHz

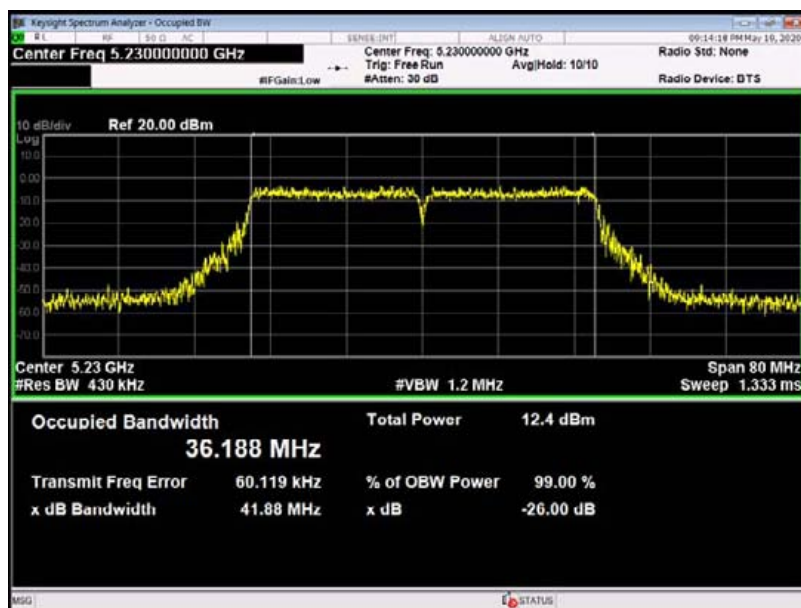


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT40) Mode (U-NII-1) Antenna B		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	40.92	36.253
46	5230	41.88	36.188

802.11N(HT40) Mode
Antenna B---5190 MHz



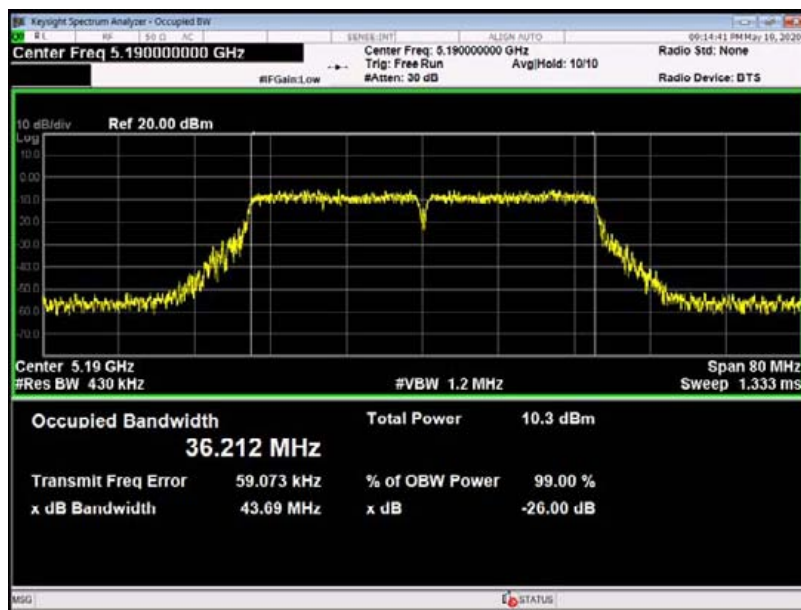
Antenna B---5230 MHz



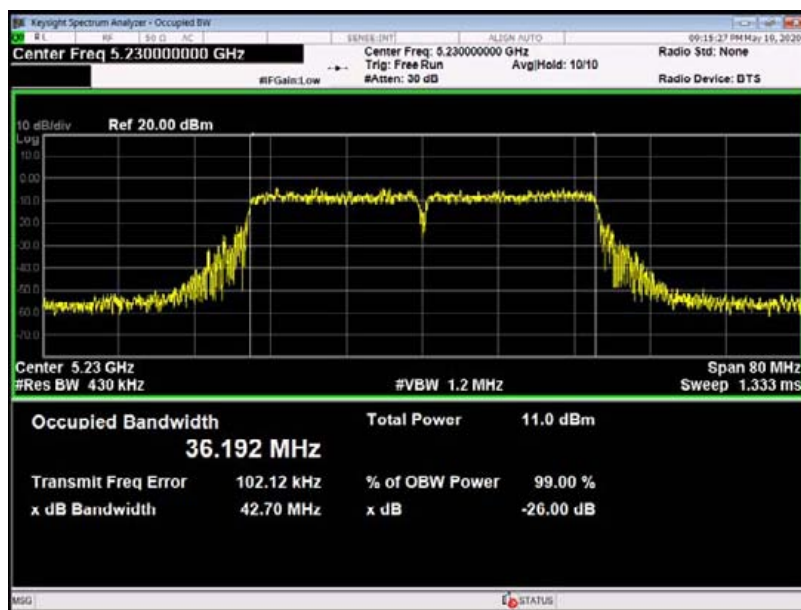
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT40) Mode (U-NII-1) Antenna A		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	43.69	36.212
46	5230	42.70	36.192

802.11ac(VHT40) Mode

Antenna A---5190 MHz



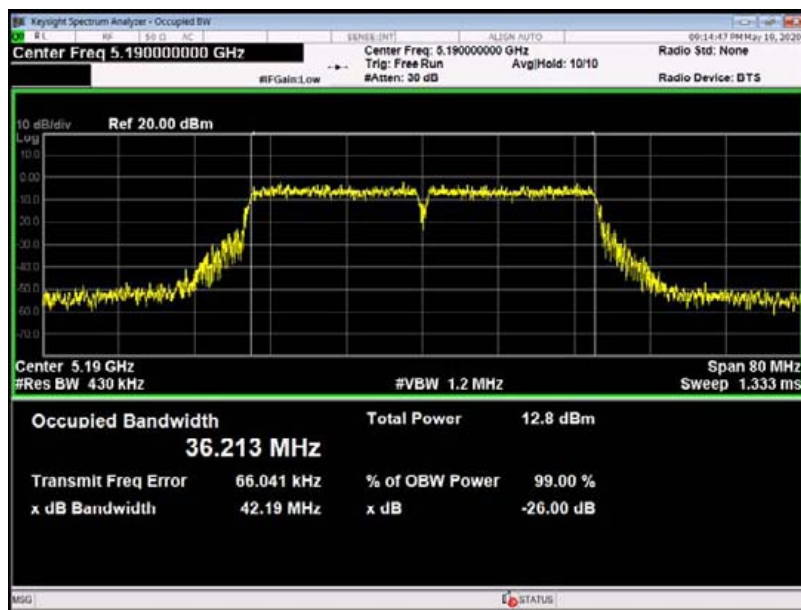
Antenna A---5230 MHz



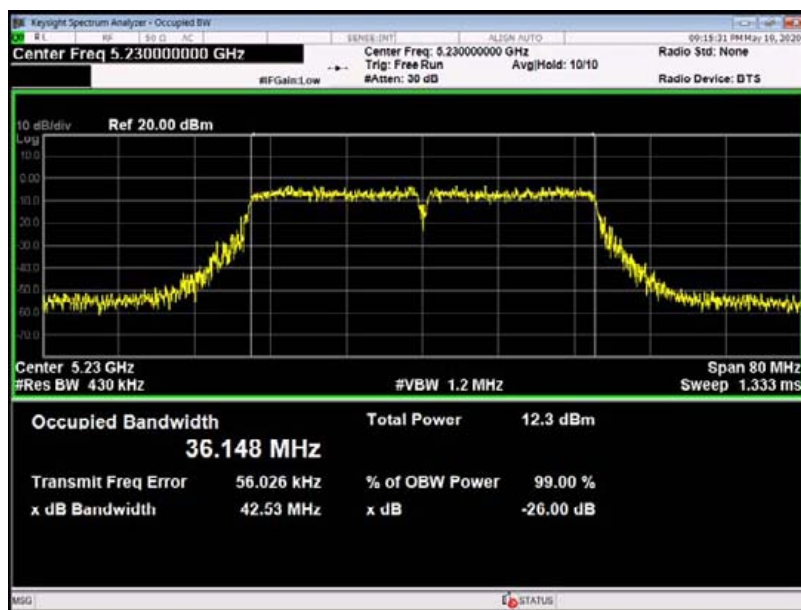
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT40) Mode (U-NII-1) Antenna B		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	42.53	36.213
46	5230	42.19	36.148

802.11ac(VHT40) Mode

Antenna B---5190 MHz



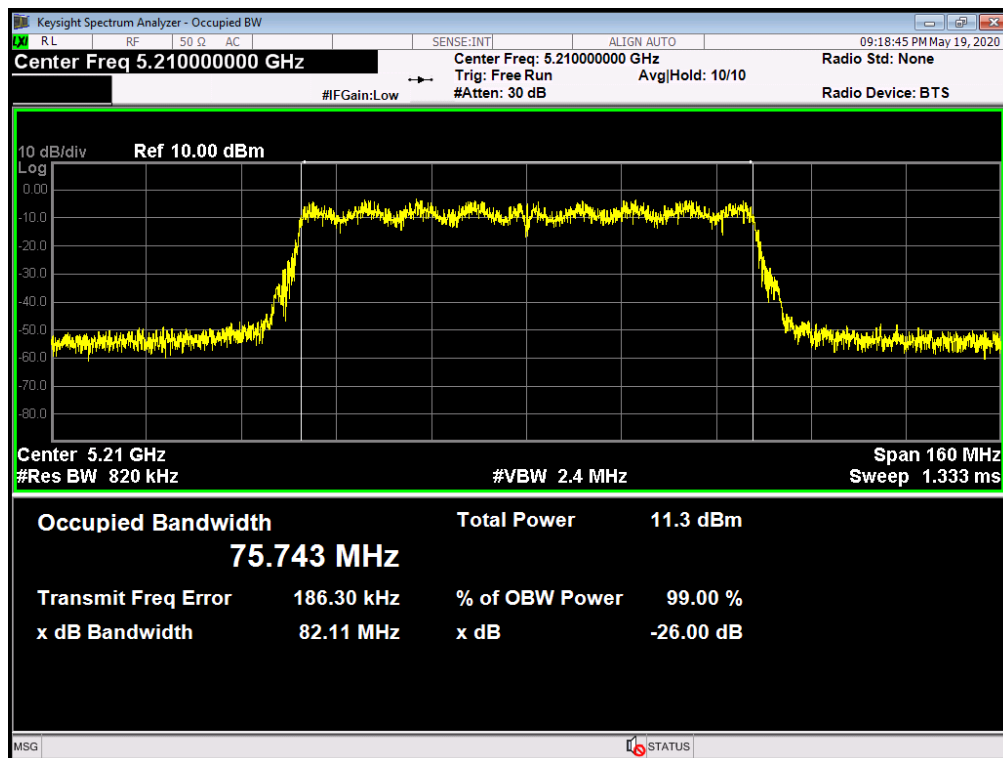
Antenna B---5230 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT80) Mode (U-NII-1) Antenna A		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
42	5210	82.11	75.743

802.11ac(VHT80) Mode

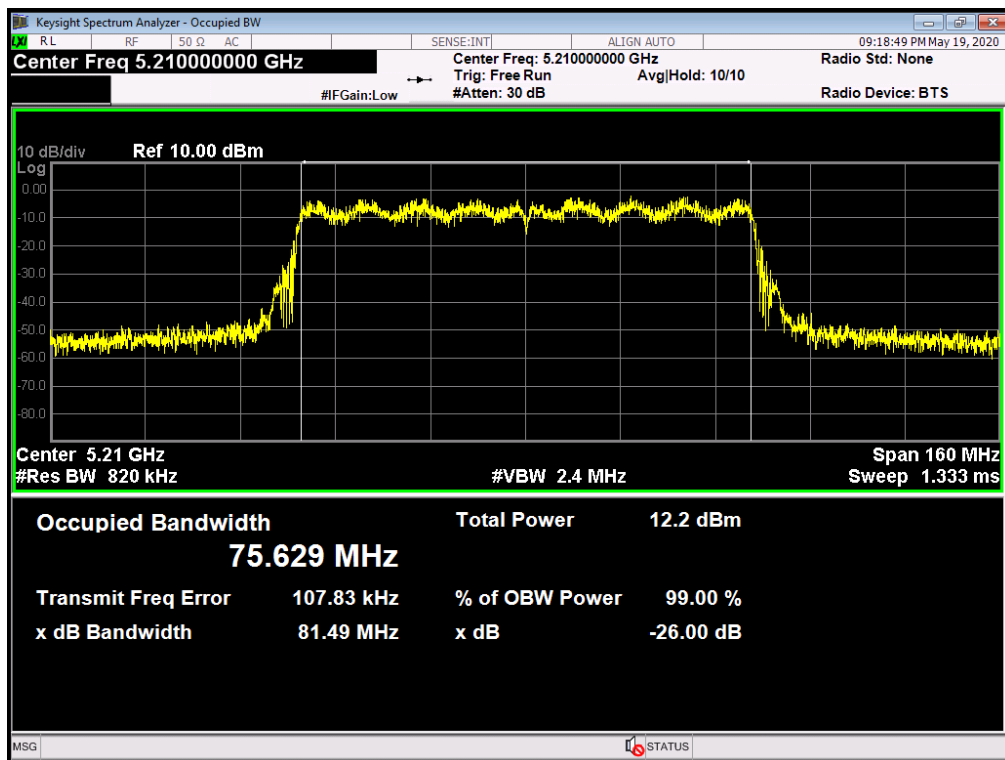
Antenna A---5210 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT80) Mode (U-NII-1) Antenna B		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
42	5210	81.49	75.629

802.11ac(VHT80) Mode

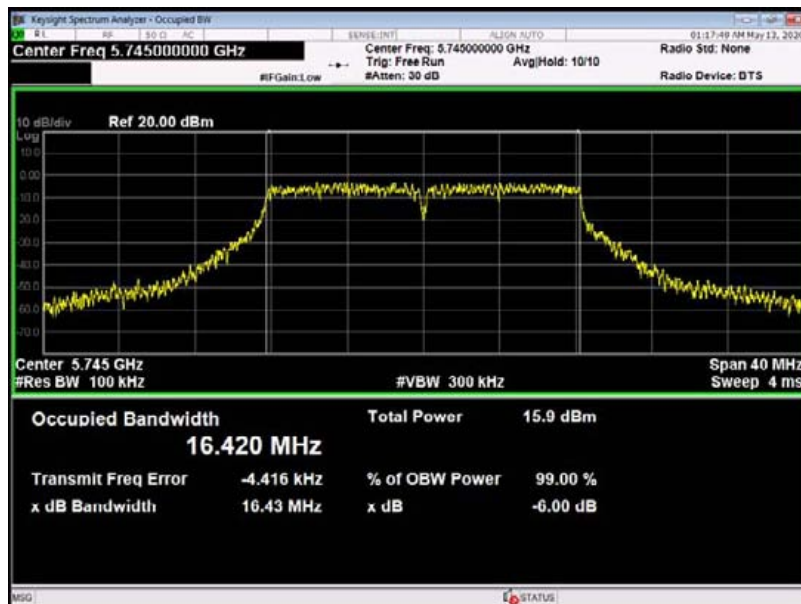
Antenna B---5210 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode (U-NII-3) Antenna A		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	16.43	16.489
157	5785	16.38	16.522
165	5825	16.51	16.514

802.11a Mode

Antenna A---5745 MHz-6dB Bandwidth

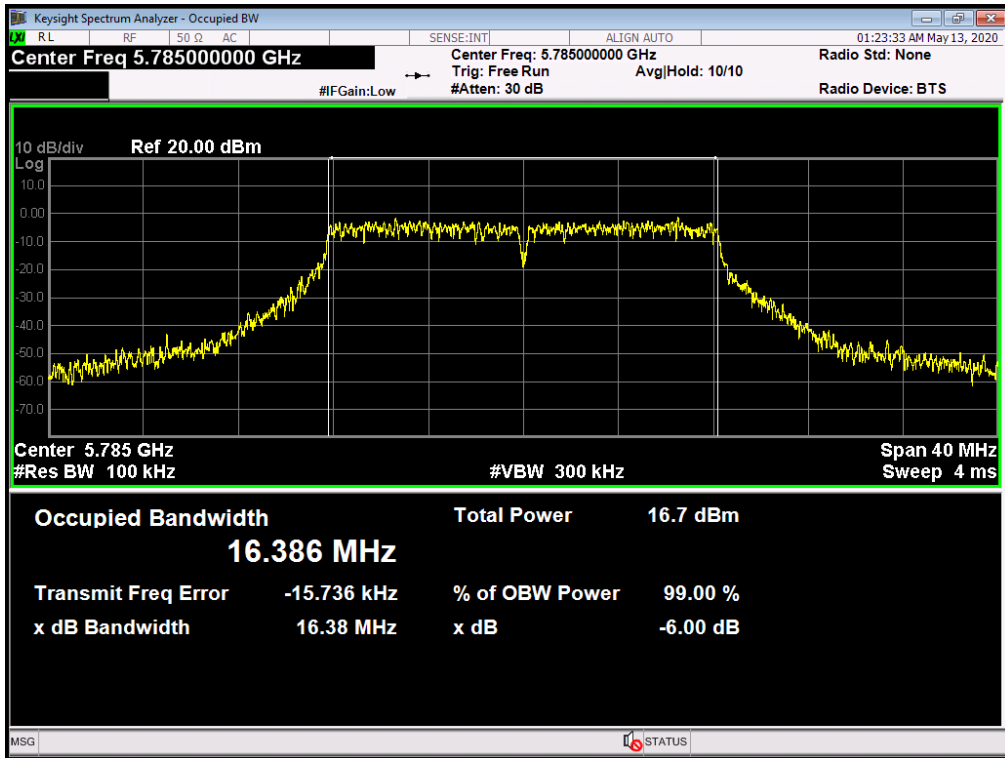


Antenna A---5745 MHz-99%Bandwidth

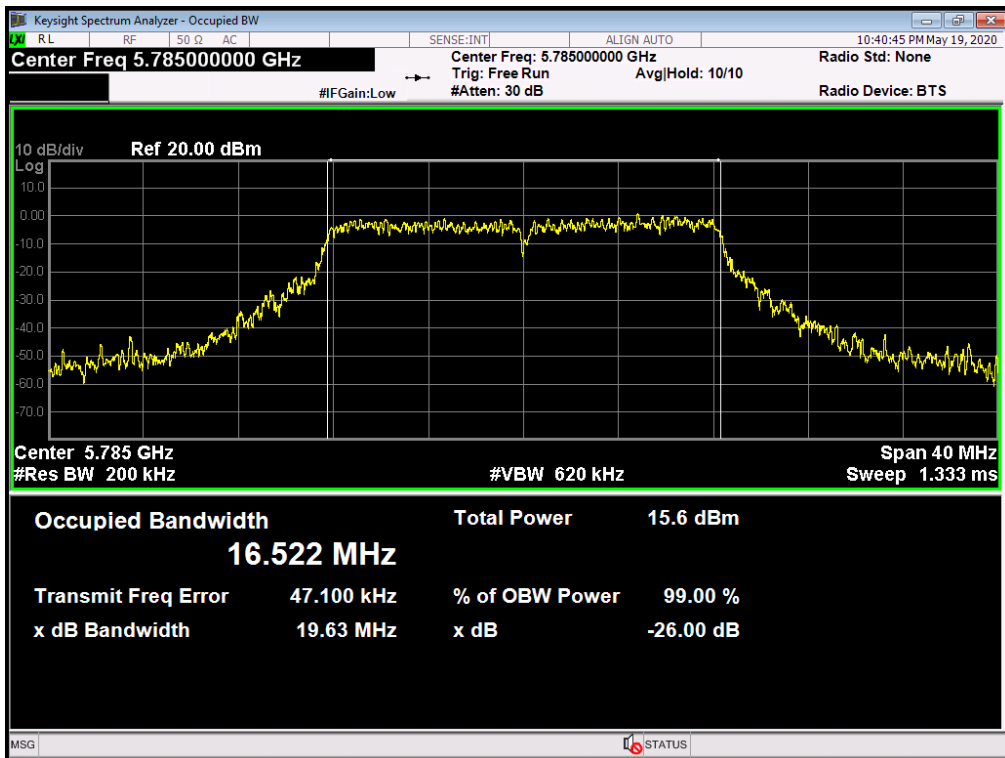


802.11a Mode

Antenna A---5785 MHz-6dB Bandwidth

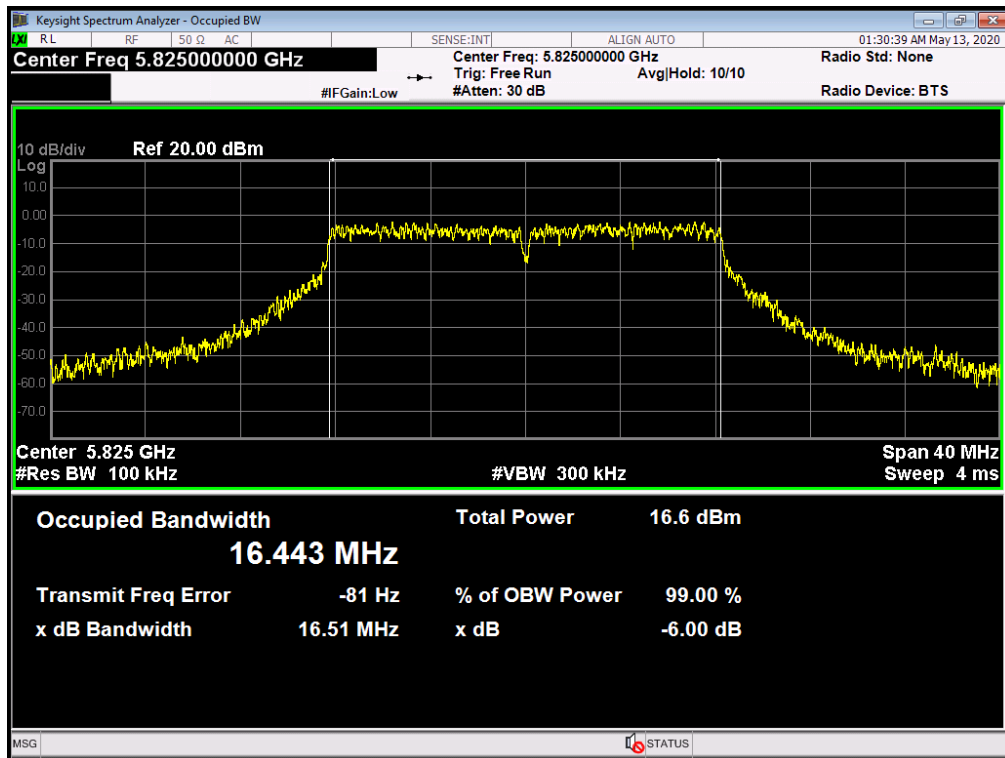


Antenna A---5785 MHz-99%Bandwidth

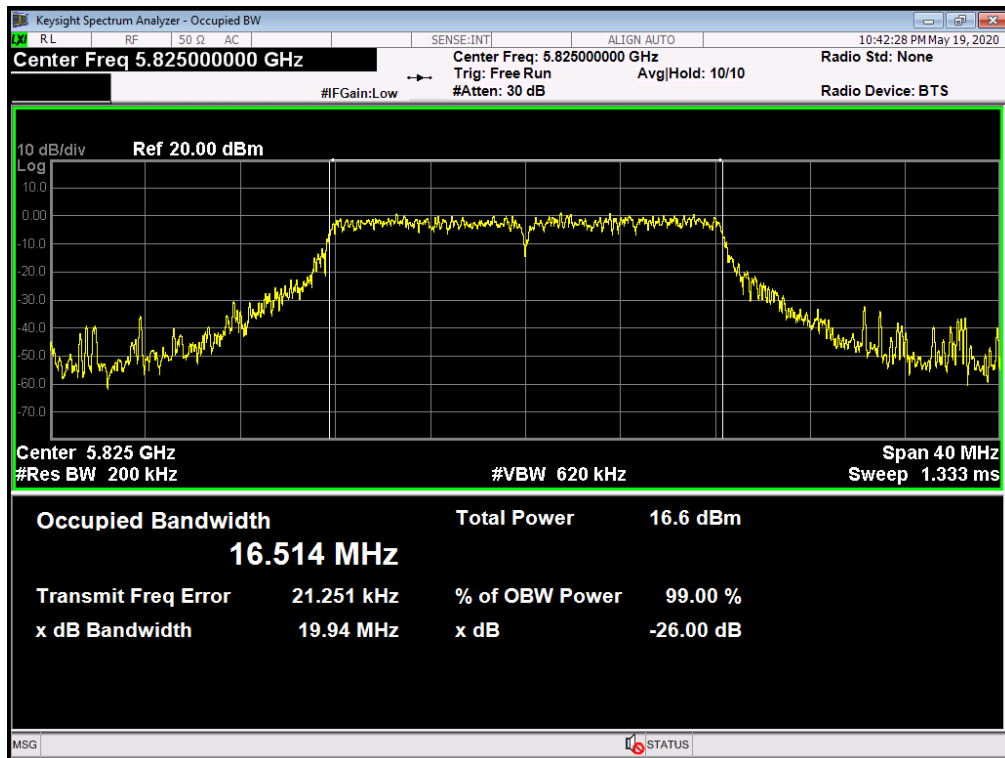


802.11a Mode

Antenna A---5825 MHz-6dB Bandwidth



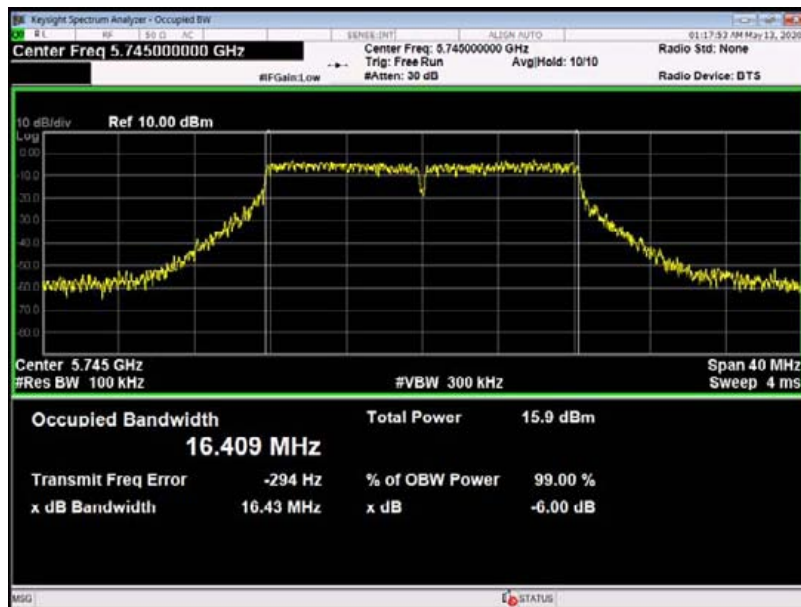
Antenna A---5825 MHz-99%Bandwidth



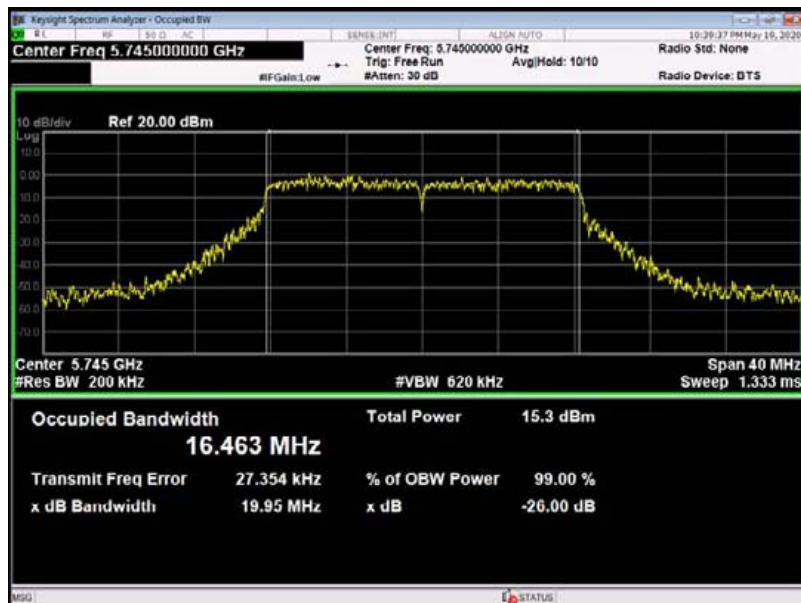
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode (U-NII-3) Antenna A		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	16.43	16.463
157	5785	16.50	16.420
165	5825	16.38	16.415

802.11a Mode

Antenna B---5745 MHz-6dB Bandwidth

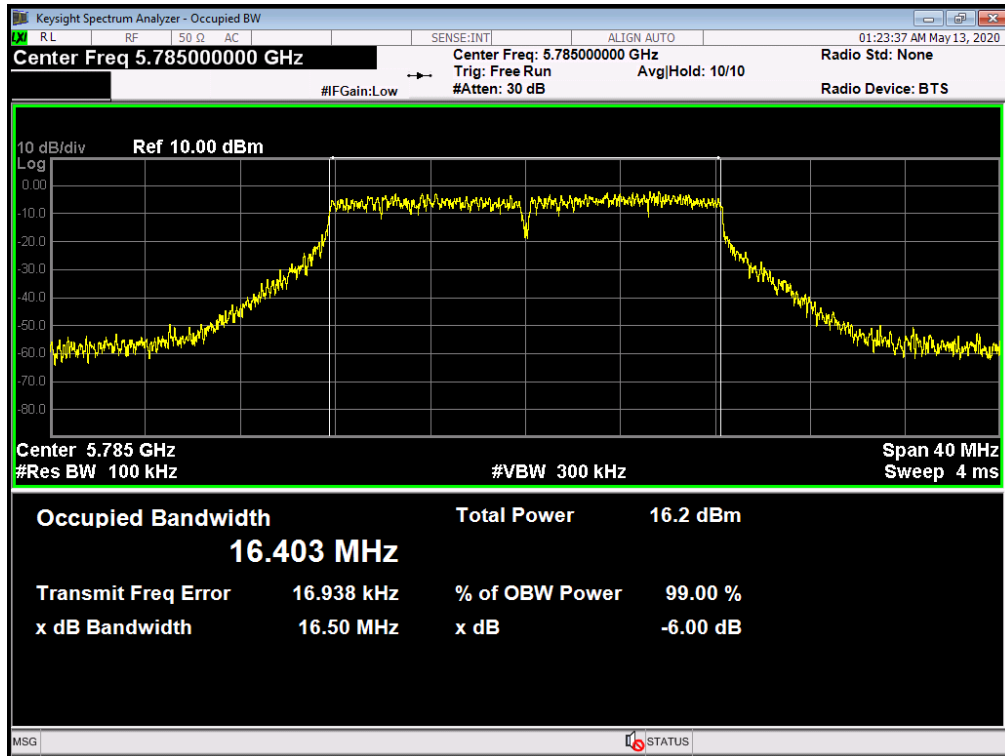


Antenna B---5745 MHz-99%Bandwidth

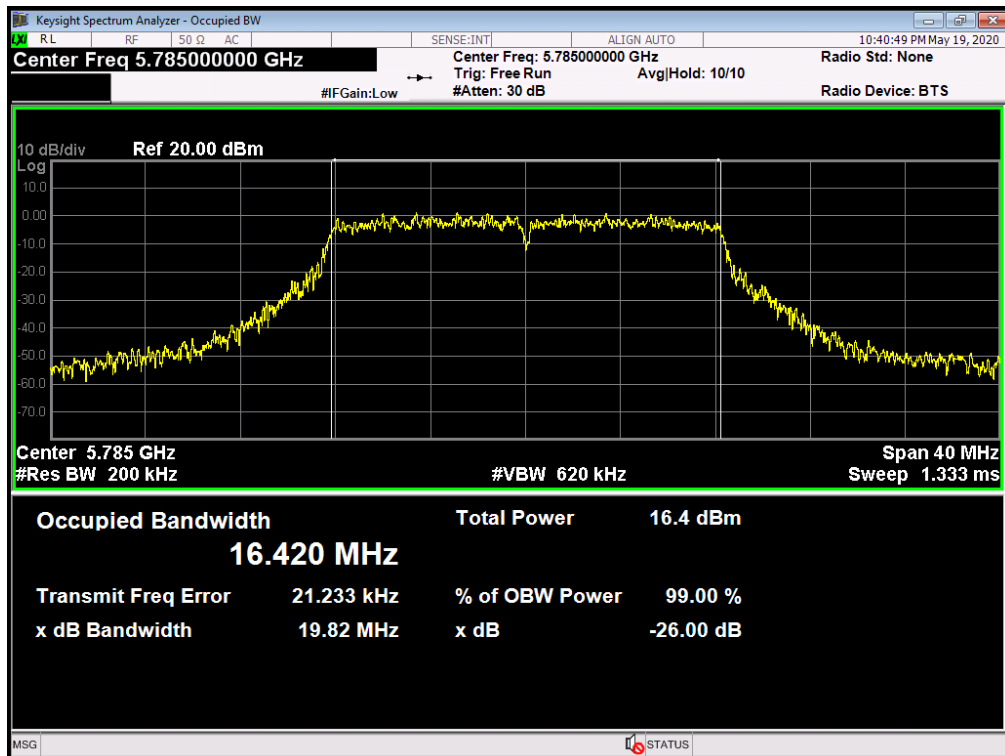


802.11a Mode

Antenna B---5785 MHz-6dB Bandwidth

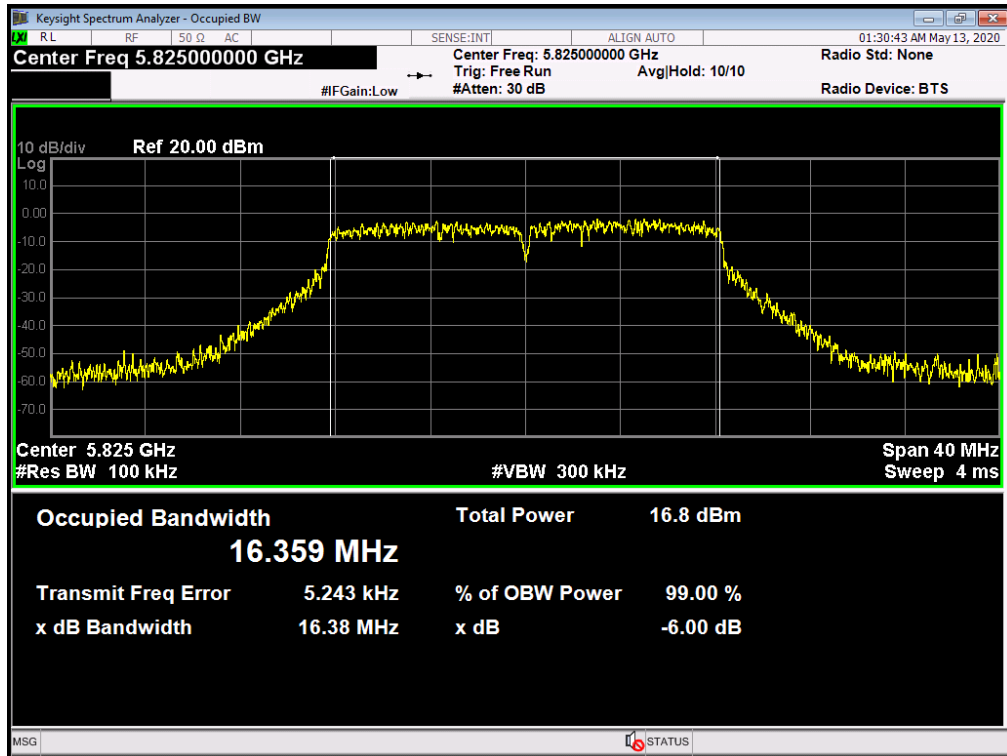


Antenna B---5785 MHz-99%Bandwidth

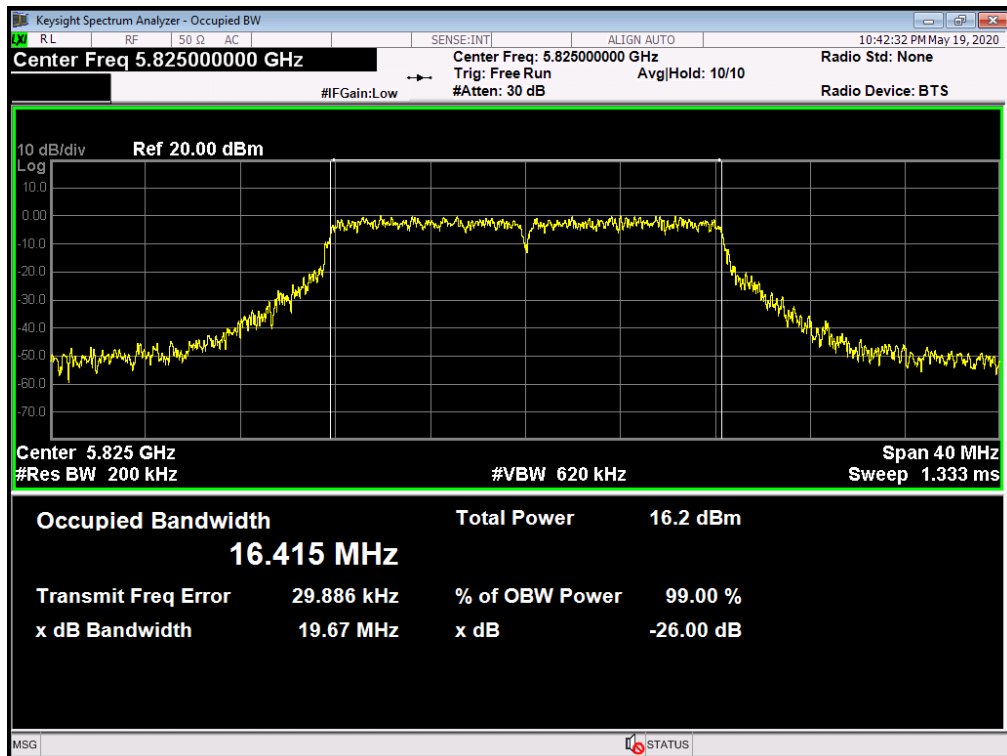


802.11a Mode

Antenna B--- 5825 MHz-6dB Bandwidth



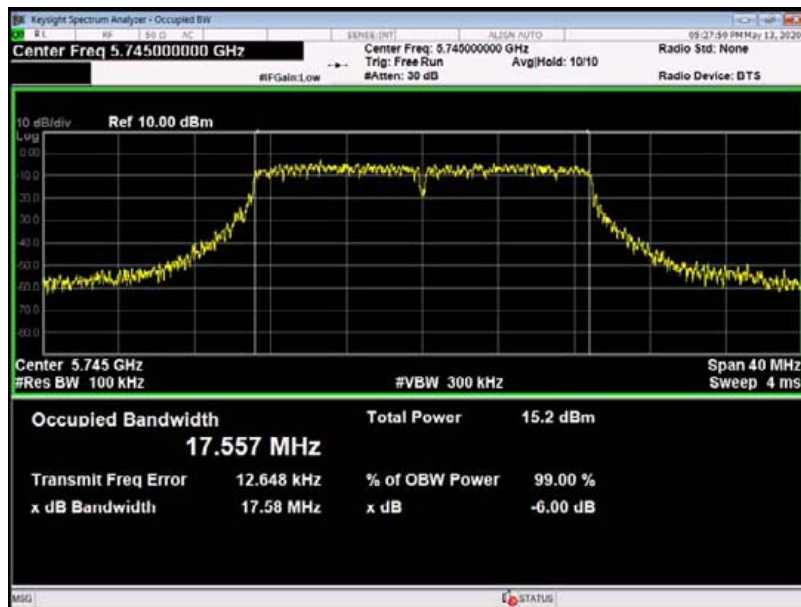
Antenna B--- 5825 MHz-99%Bandwidth



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode (U-NII-3) Antenna A		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.58	17.651
157	5785	17.45	17.665
165	5825	17.59	17.620

802.11n(HT20) Mode

Antenna A---5745 MHz-6dB Bandwidth

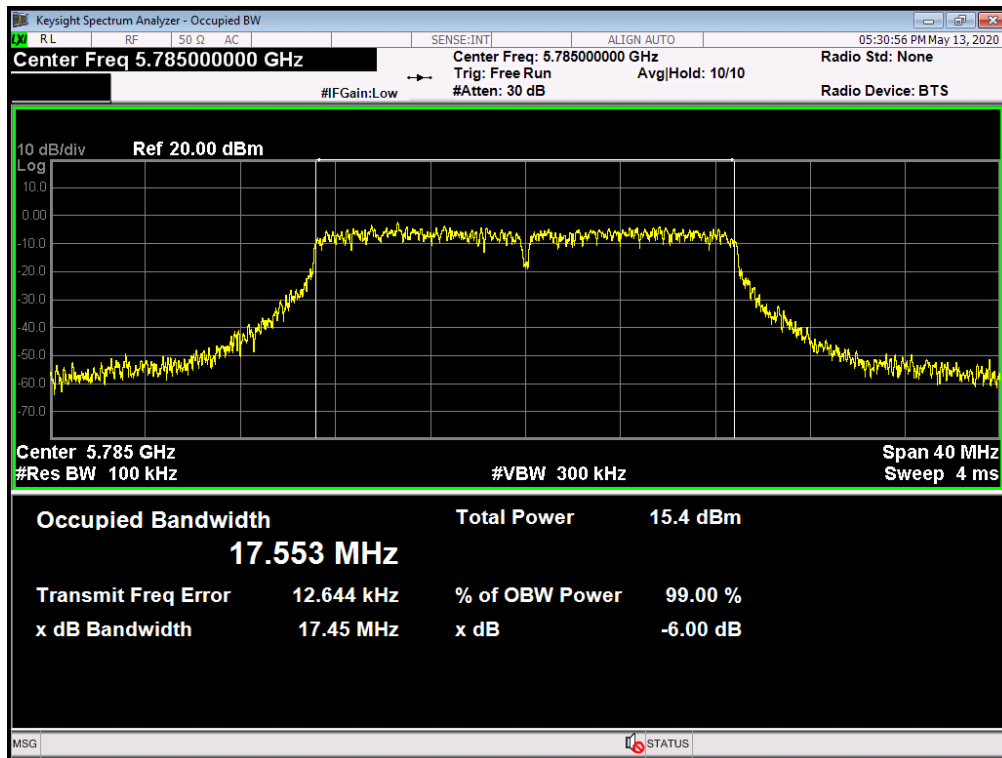


Antenna A---5745 MHz-99%Bandwidth

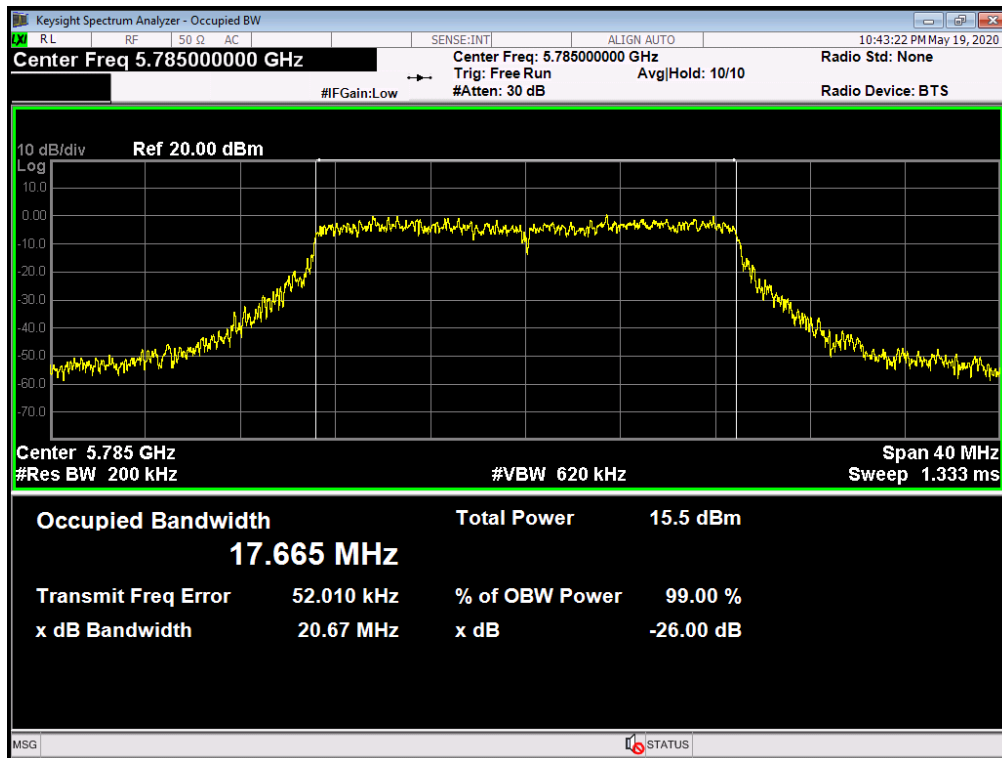


802.11n(HT20) Mode

Antenna A---5785 MHz-6dB Bandwidth

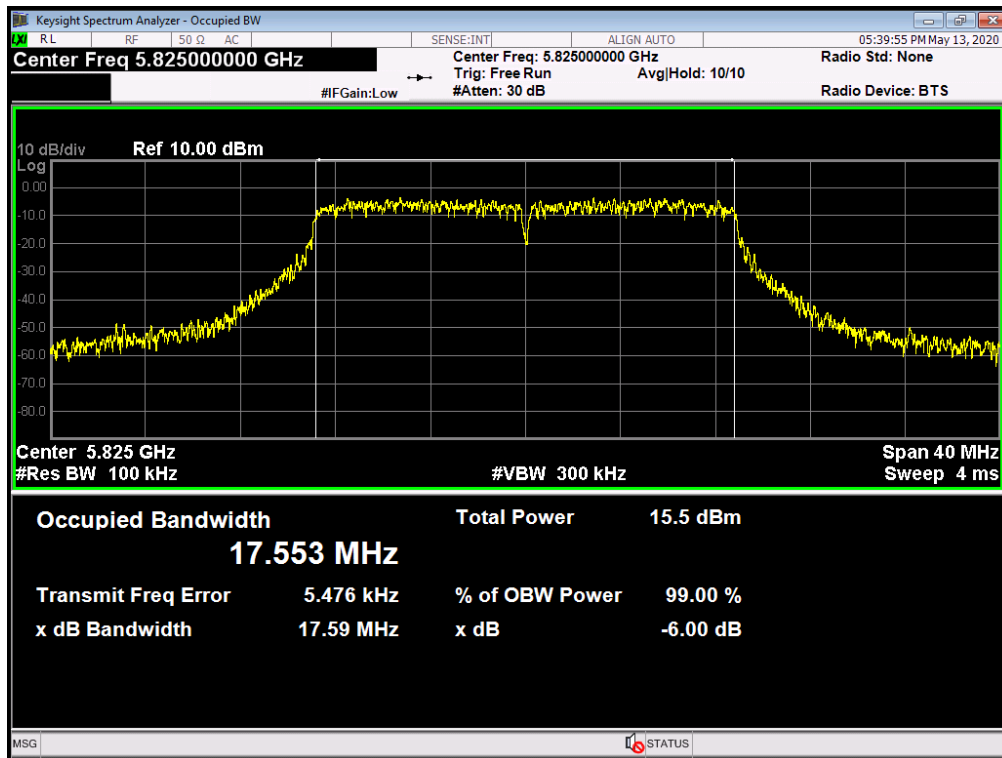


Antenna A---5785 MHz-99%Bandwidth

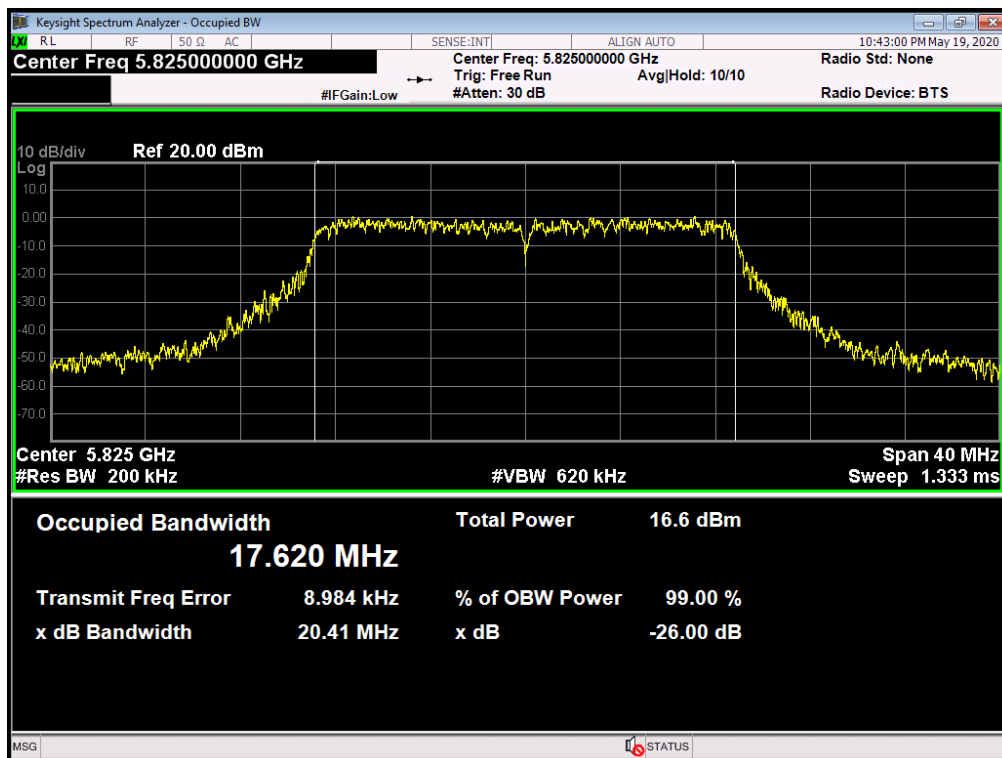


802.11n(HT20) Mode

Antenna A---5825 MHz-6dB Bandwidth



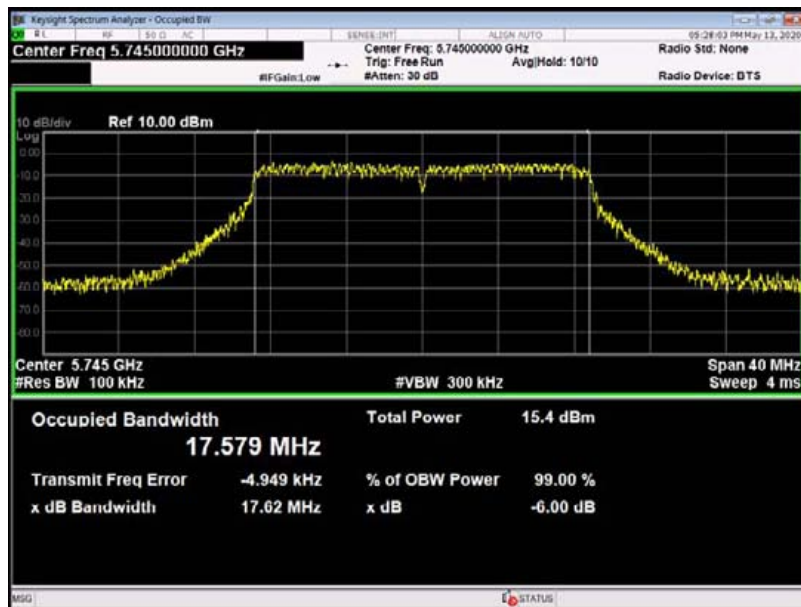
Antenna A---5825 MHz-99%Bandwidth



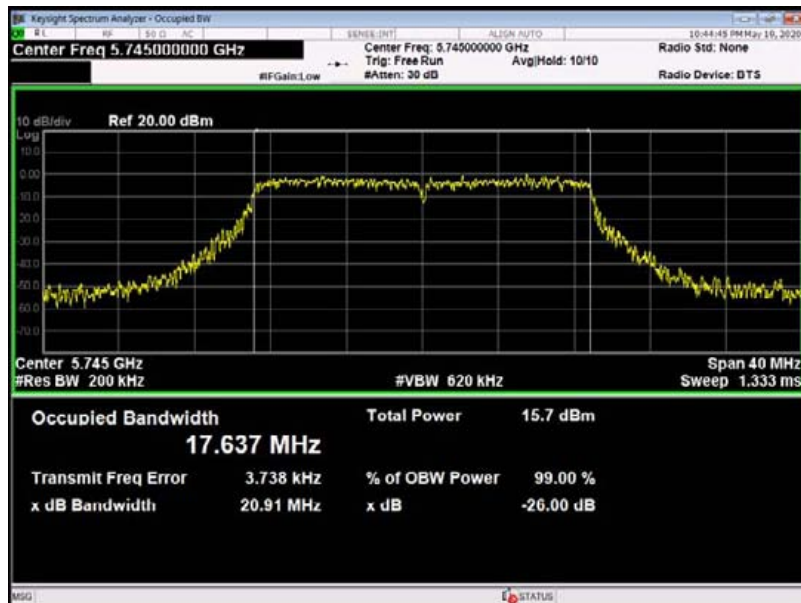
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode (U-NII-3) Antenna B		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.62	17.579
157	5785	17.65	17.577
165	5825	17.69	17.620

802.11n(HT20) Mode

Antenna B---5745 MHz-6dB Bandwidth

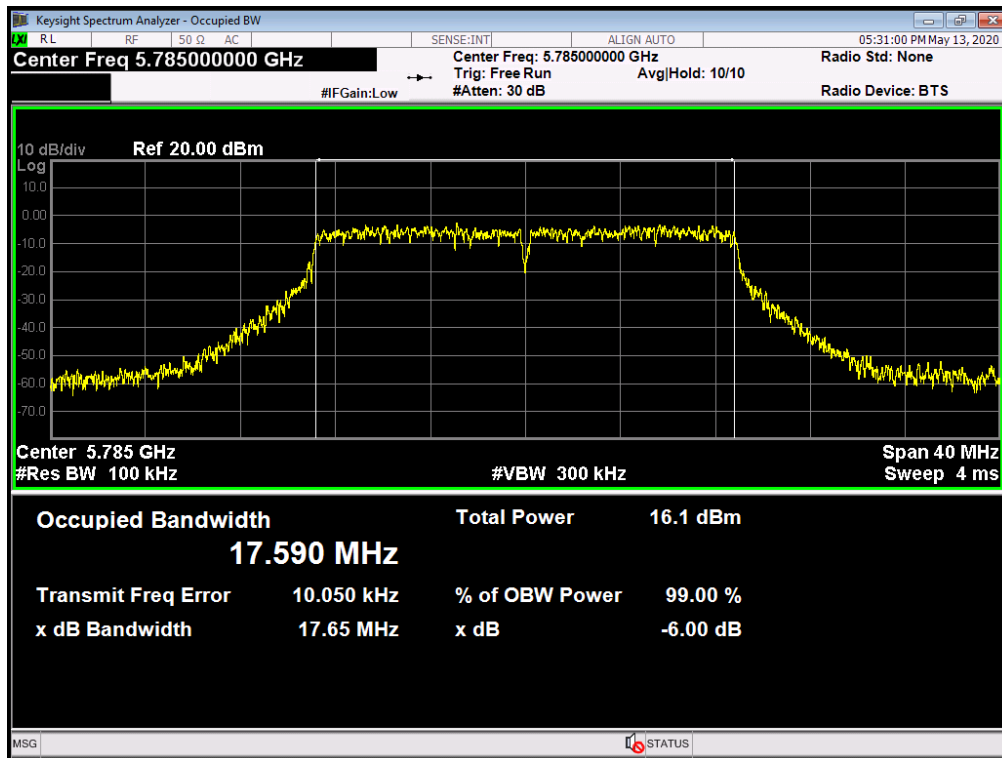


Antenna B---5745 MHz-99%Bandwidth

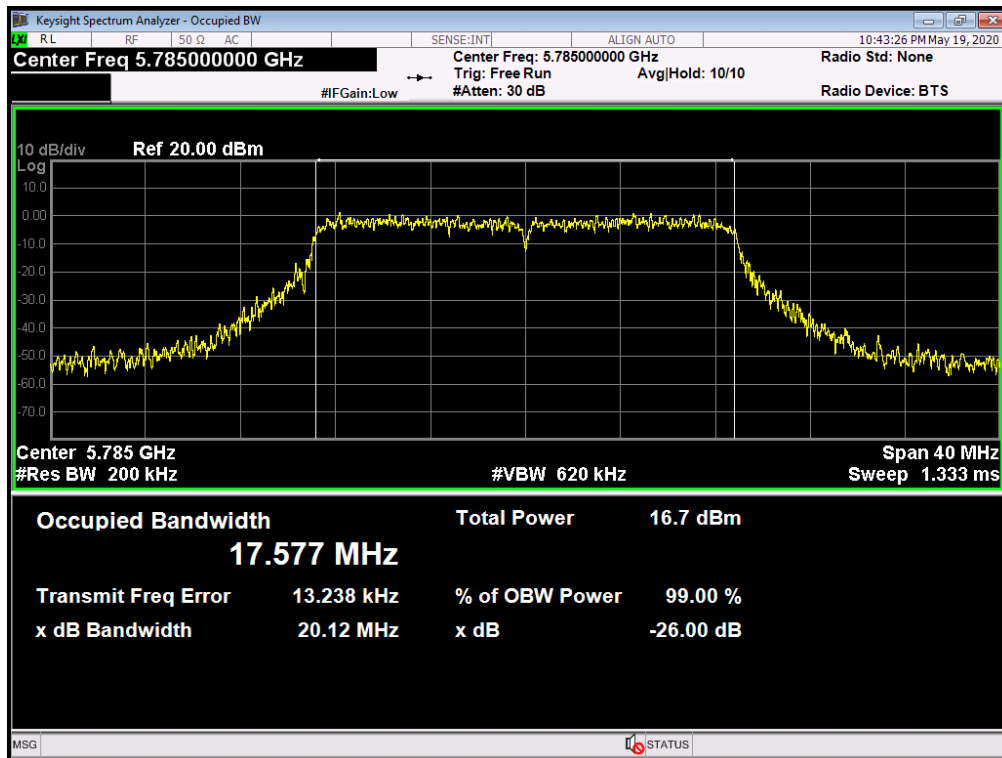


802.11n(HT20) Mode

Antenna B---5785 MHz-6dB Bandwidth

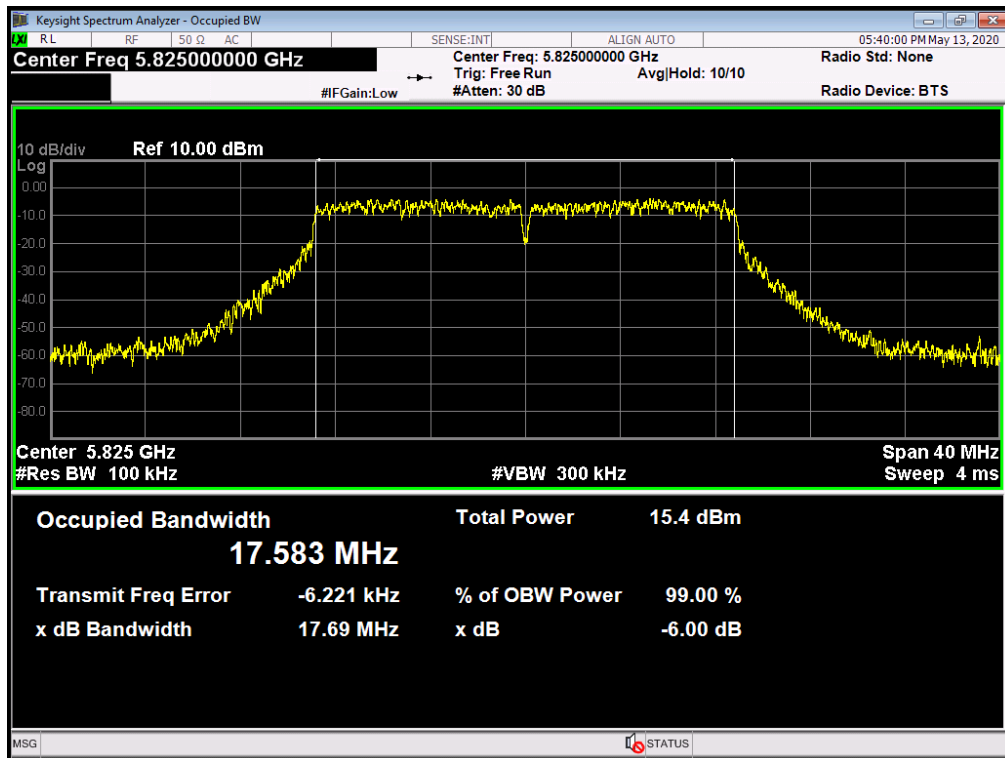


Antenna B---5785 MHz-99%Bandwidth

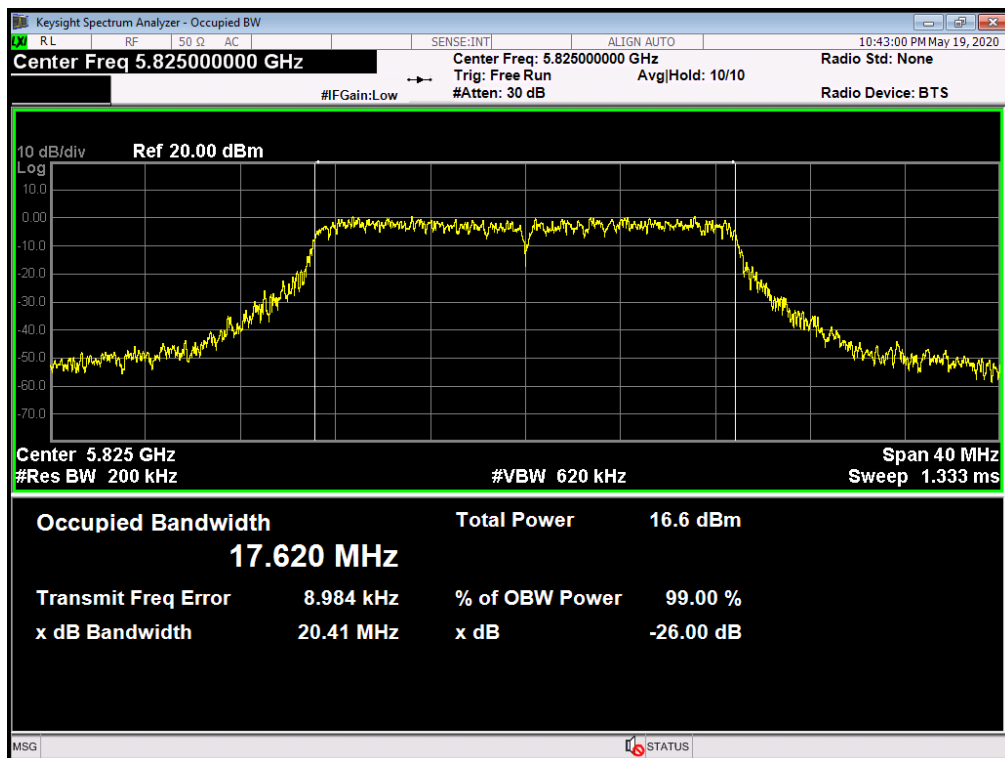


802.11n(HT20) Mode

Antenna B---5825 MHz-6dB Bandwidth



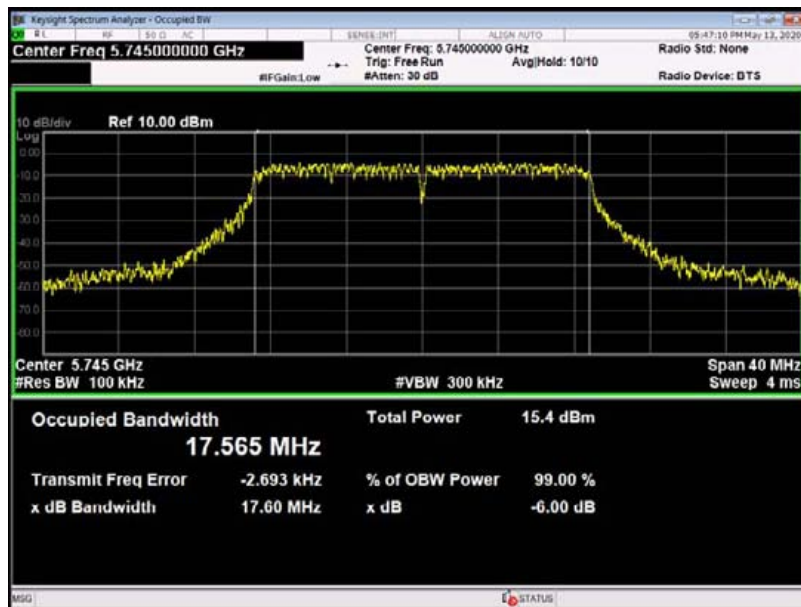
Antenna B---5825 MHz-99%Bandwidth



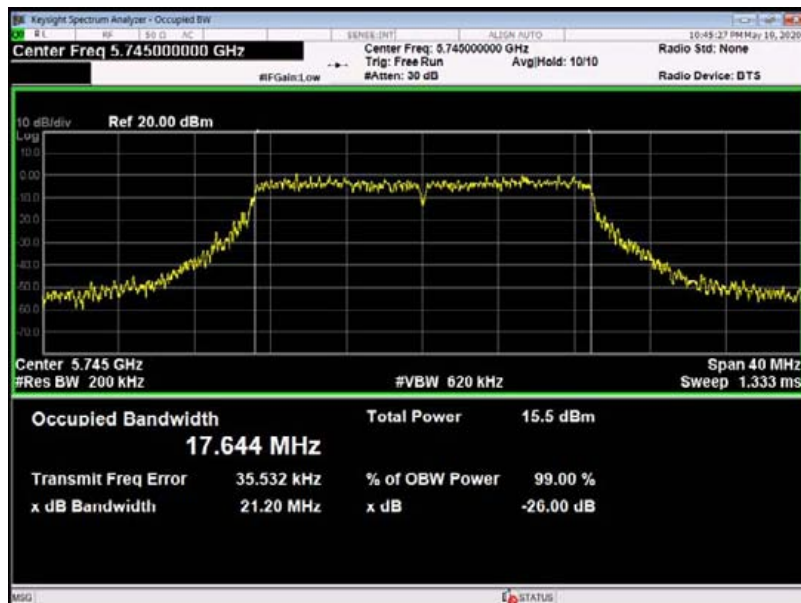
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-3) Antenna A		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.60	17.565
157	5785	17.54	17.695
165	5825	17.77	17.661

802.11ac(VHT20) Mode

Antenna A---5745 MHz-6dB Bandwidth

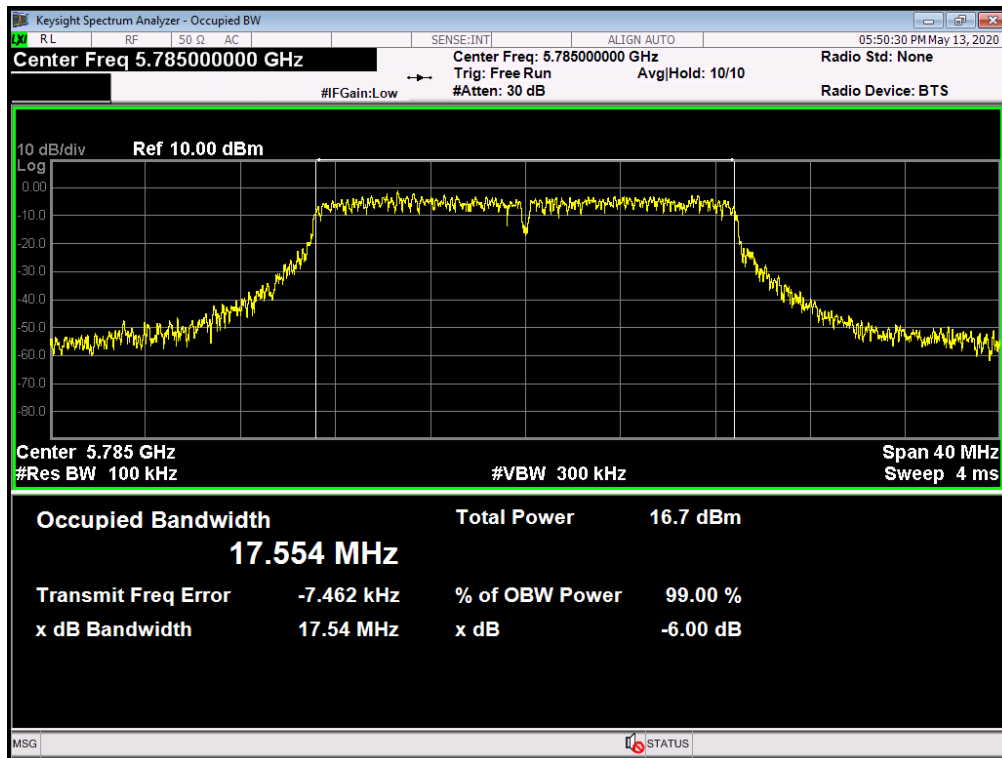


Antenna A---5745 MHz-99%Bandwidth

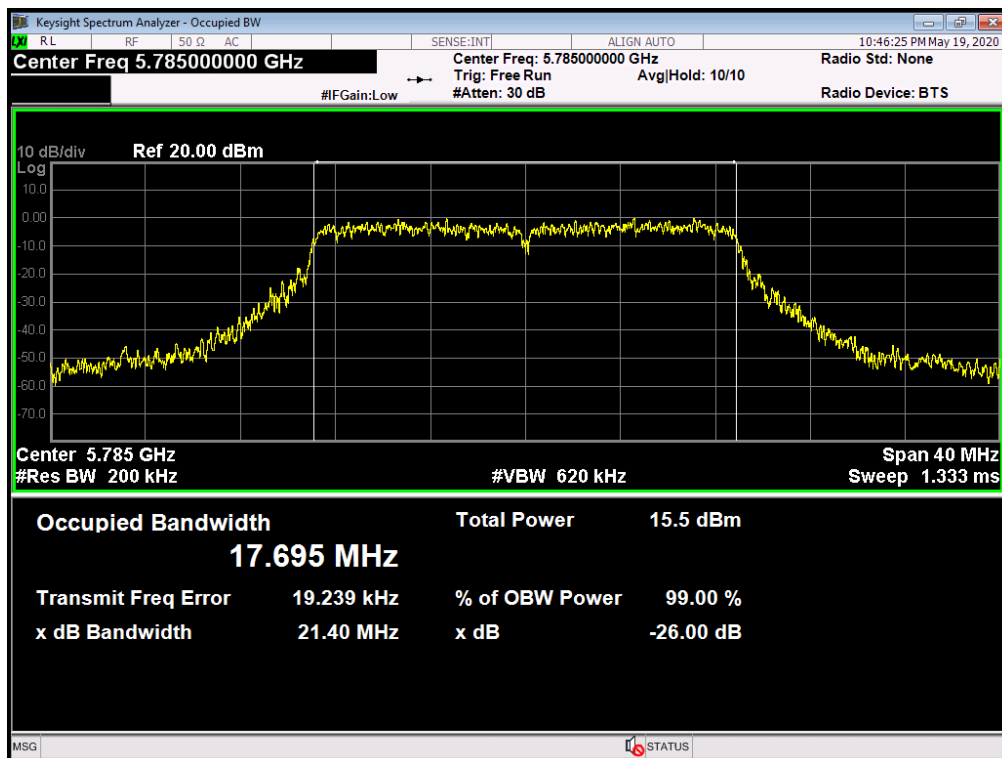


802.11ac(VHT20) Mode

Antenna A---5785 MHz-6dB Bandwidth

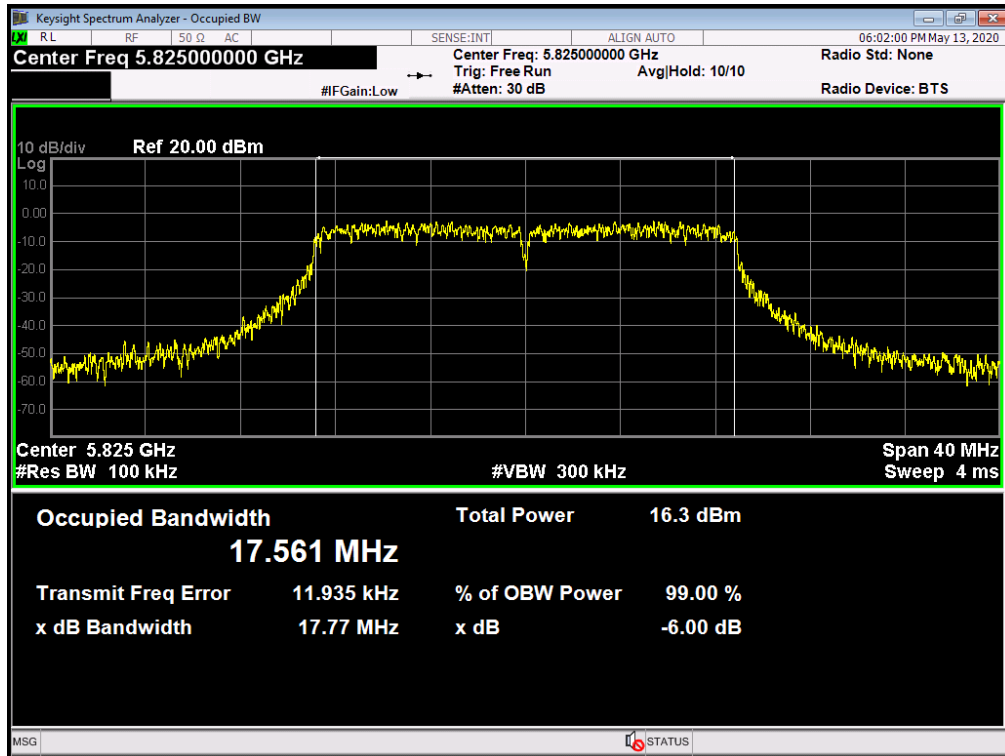


Antenna A---5785 MHz-99% Bandwidth

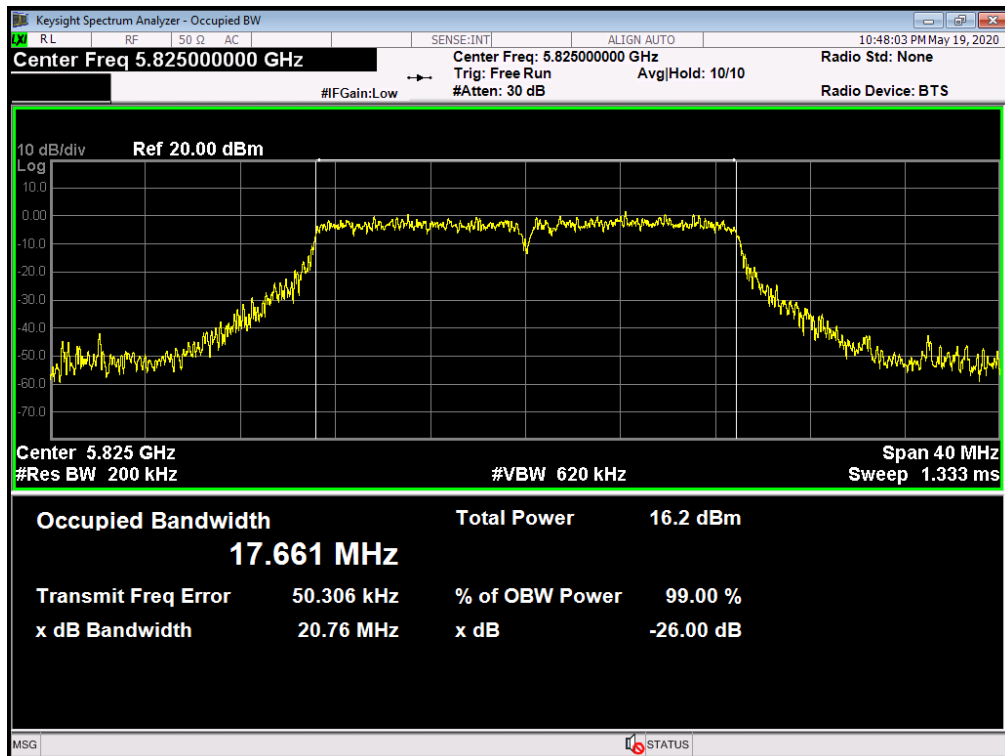


802.11ac(VHT20) Mode

Antenna A---5825 MHz-6dB Bandwidth



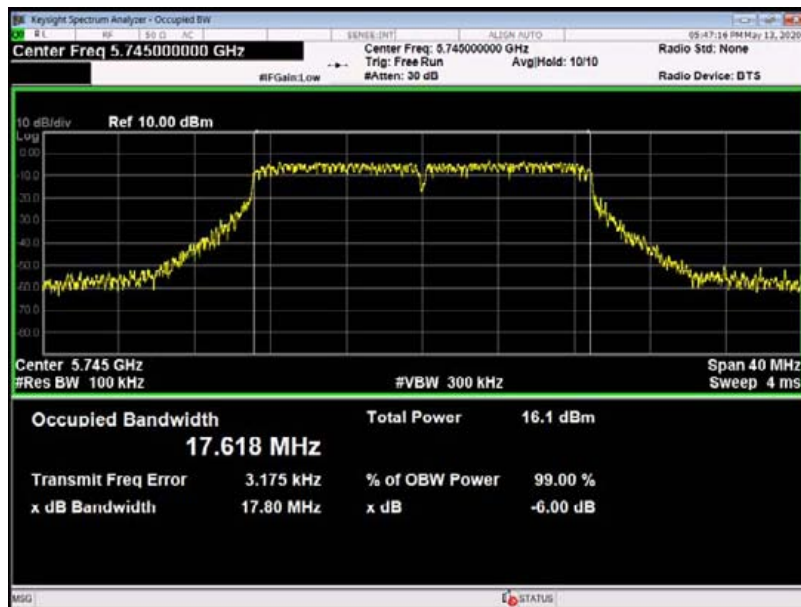
Antenna A---5825 MHz-99%Bandwidth



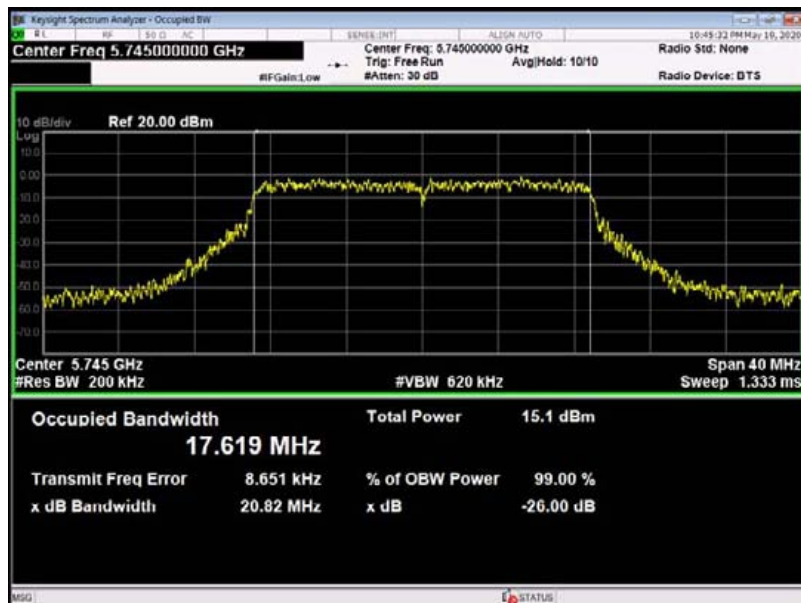
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-3) Antenna B		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.80	17.618
157	5785	17.68	17.609
165	5825	17.64	17.631

802.11ac(VHT20) Mode

Antenna B---5745 MHz-6dB Bandwidth

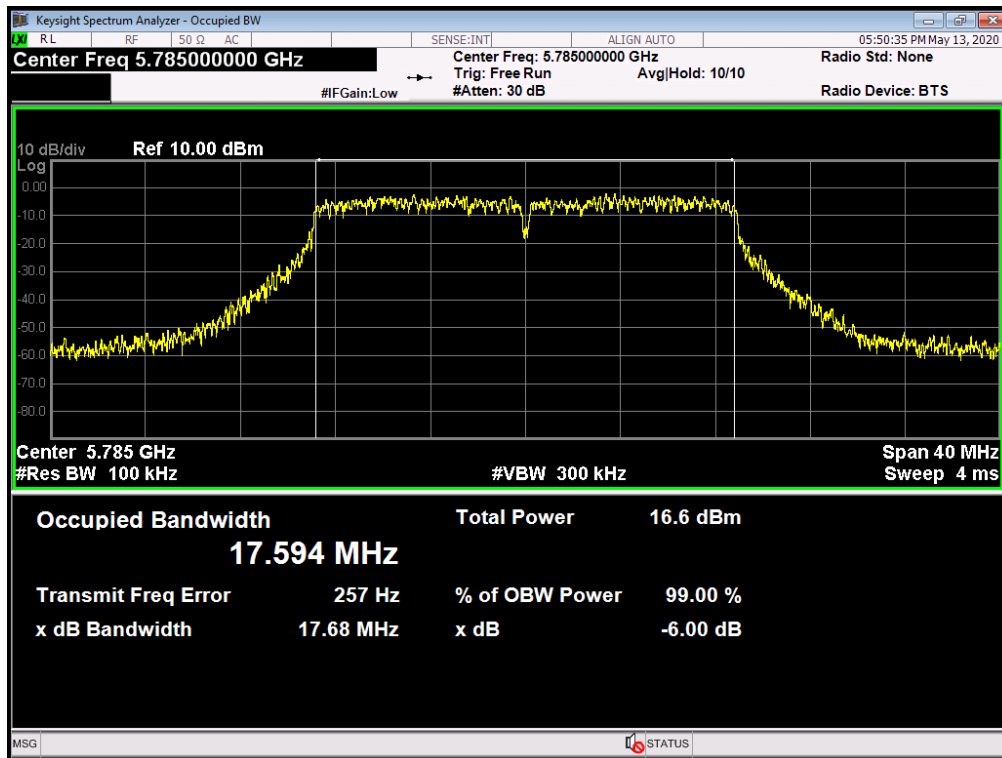


Antenna B---5745 MHz-99%Bandwidth

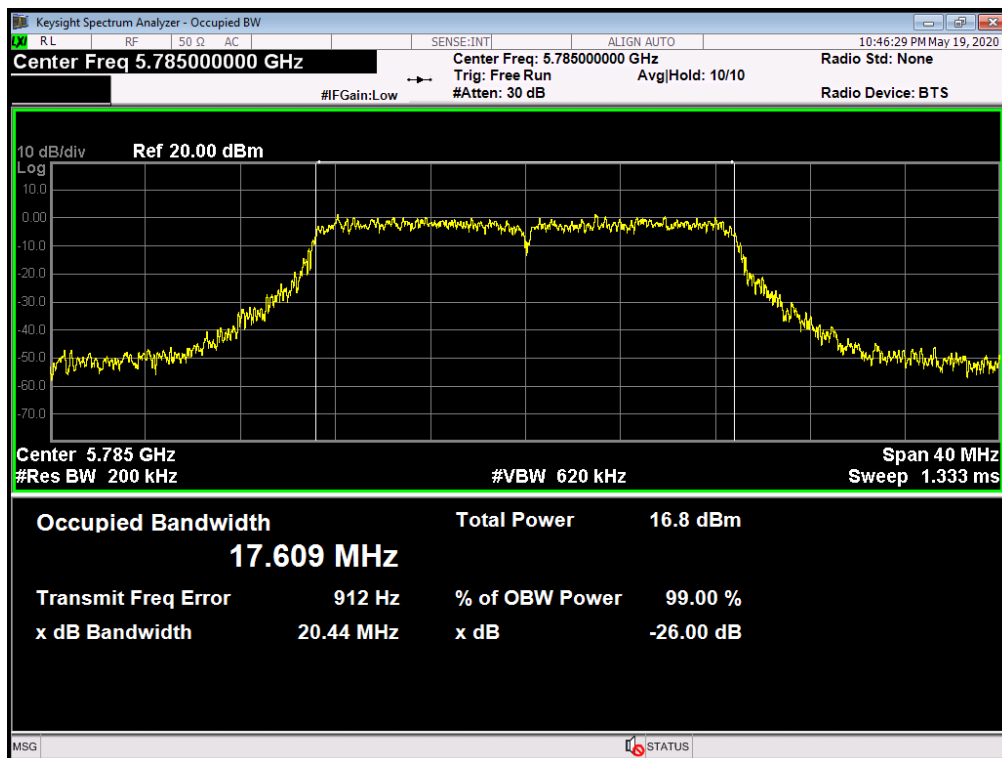


802.11ac(VHT20) Mode

Antenna B---5785 MHz-6dB Bandwidth

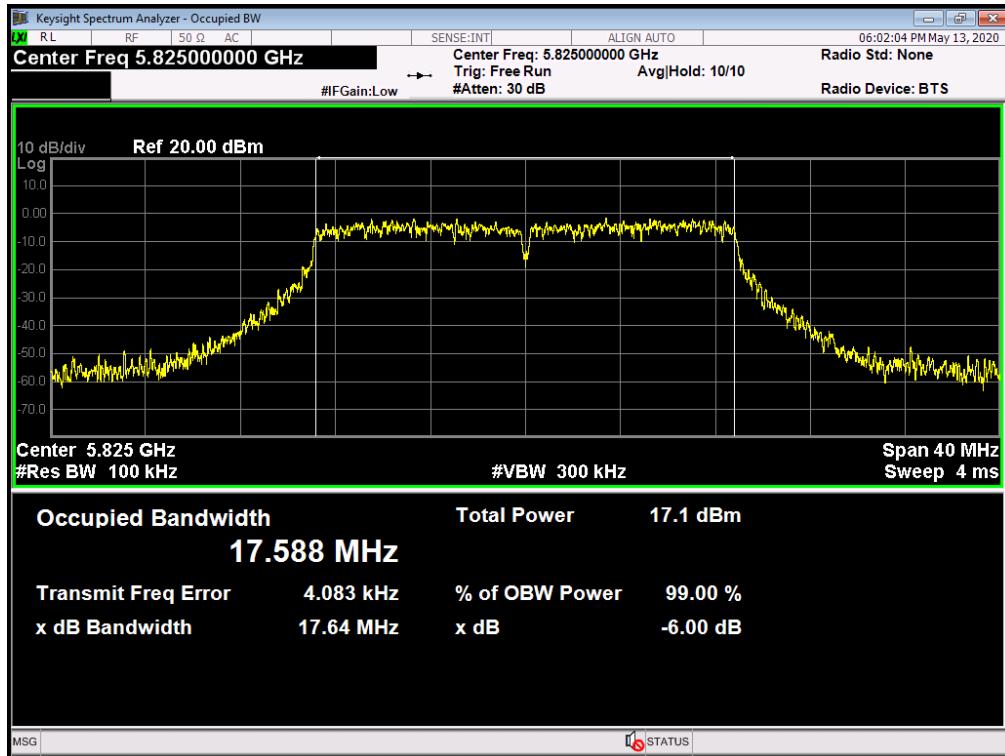


Antenna B---5785 MHz-99%Bandwidth

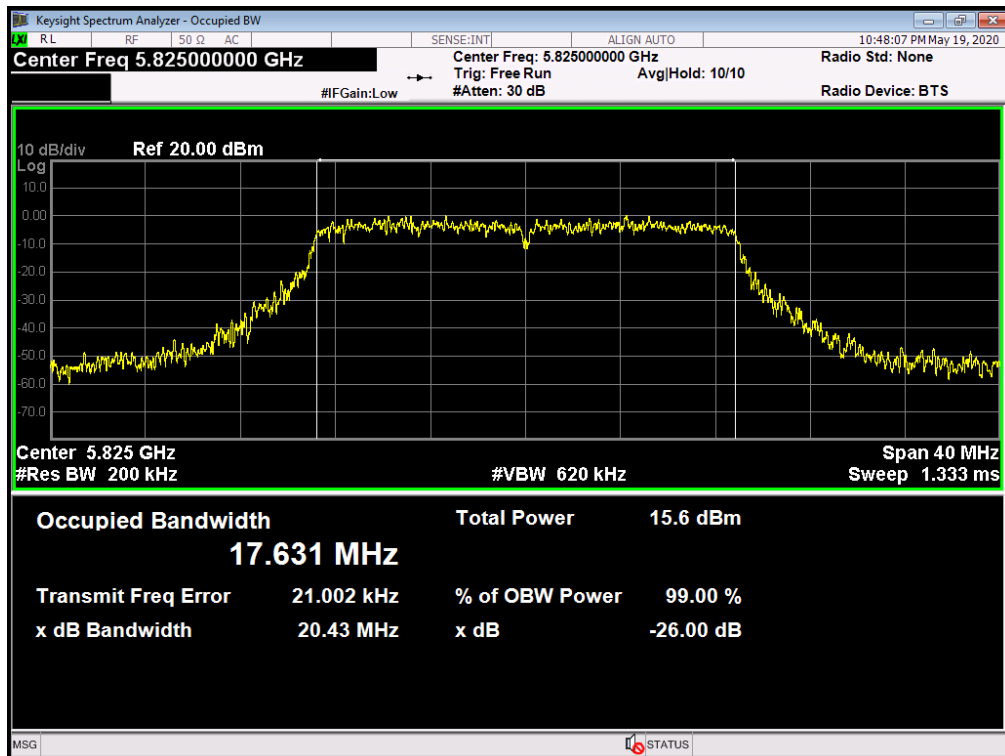


802.11ac(VHT20) Mode

Antenna B---5825 MHz-6dB Bandwidth



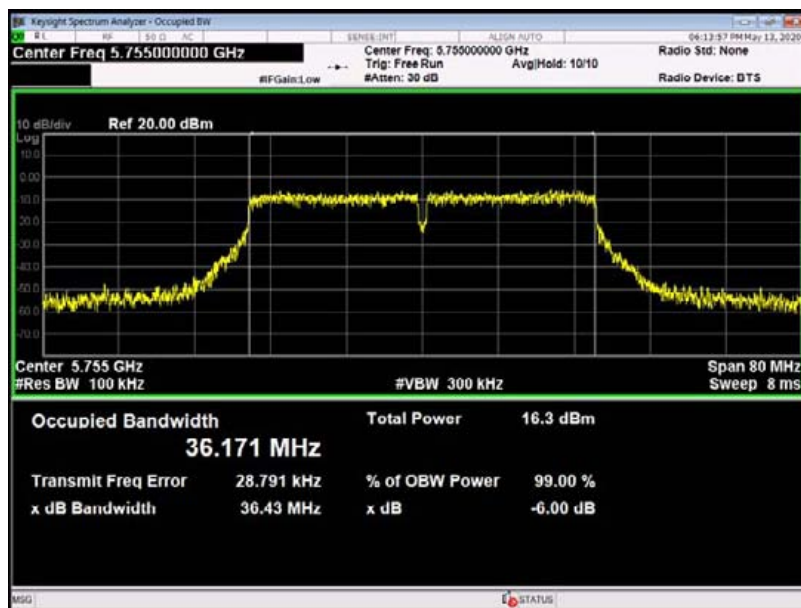
Antenna B---5825 MHz-99% Bandwidth



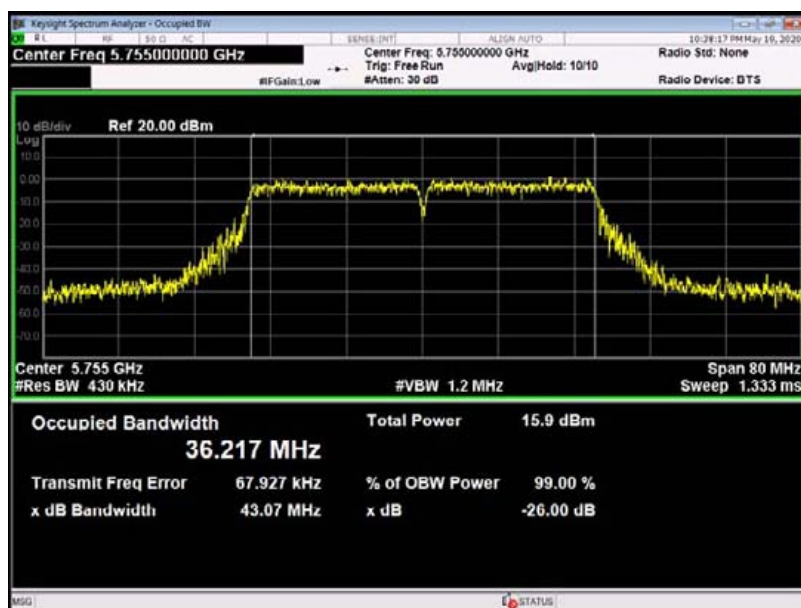
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT40) Mode (U-NII-3) Antenna A		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	36.43	36.217
159	5795	36.51	36.248

802.11n(HT40) Mode

Antenna A---5755 MHz-6dB Bandwidth

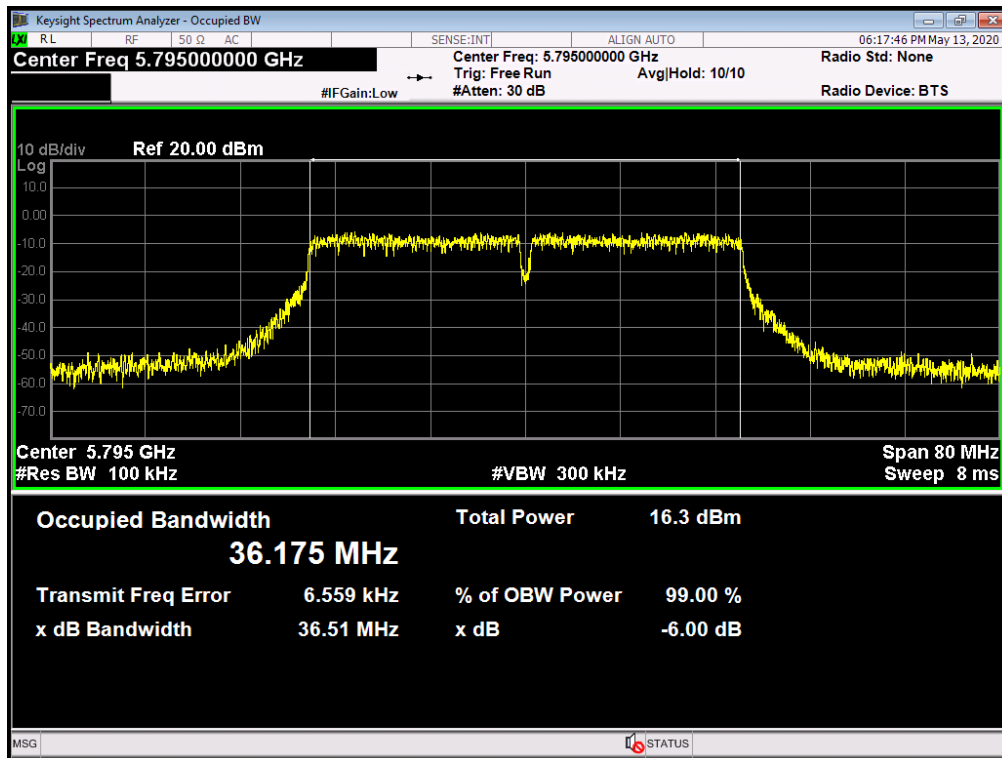


Antenna A---5755 MHz-99%Bandwidth

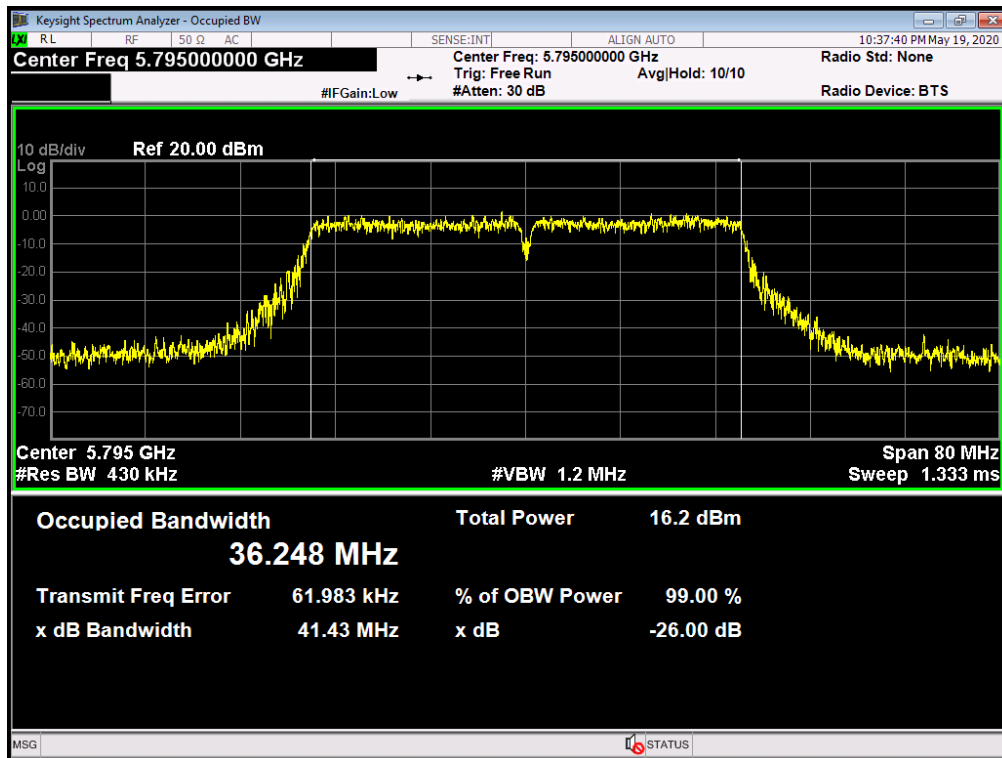


802.11n(HT40) Mode

Antenna A---5795 MHz-6dB Bandwidth



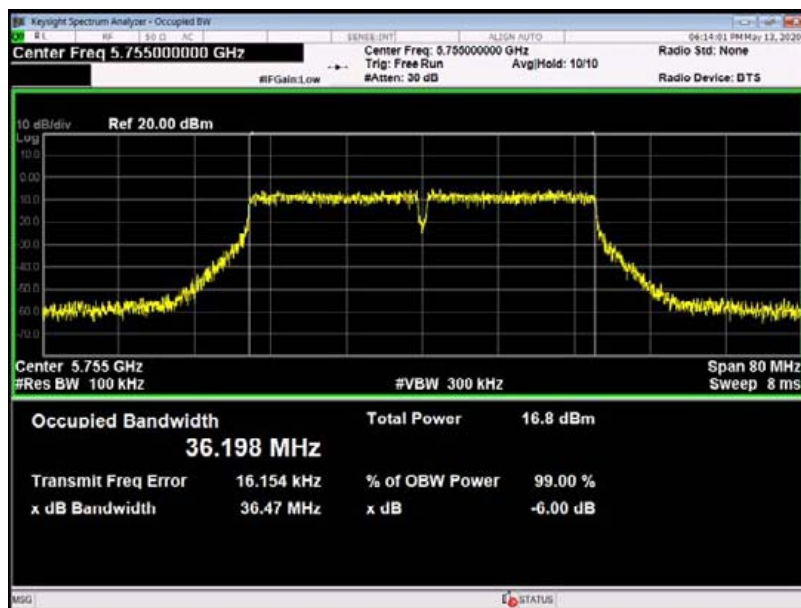
Antenna A---5795 MHz-99%Bandwidth



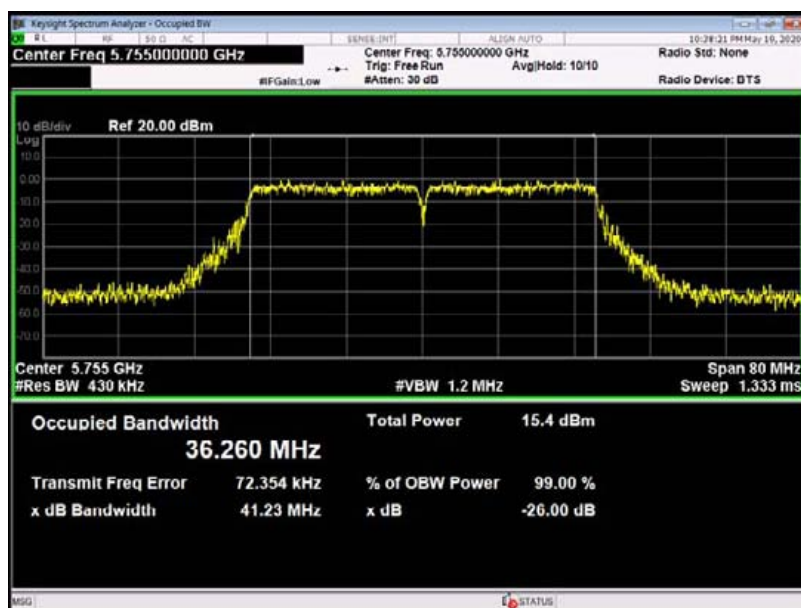
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT40) Mode (U-NII-3) Antenna B		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	36.47	36.260
159	5795	36.43	36.266

802.11n(HT40) Mode

Antenna B---5755 MHz-6dB Bandwidth

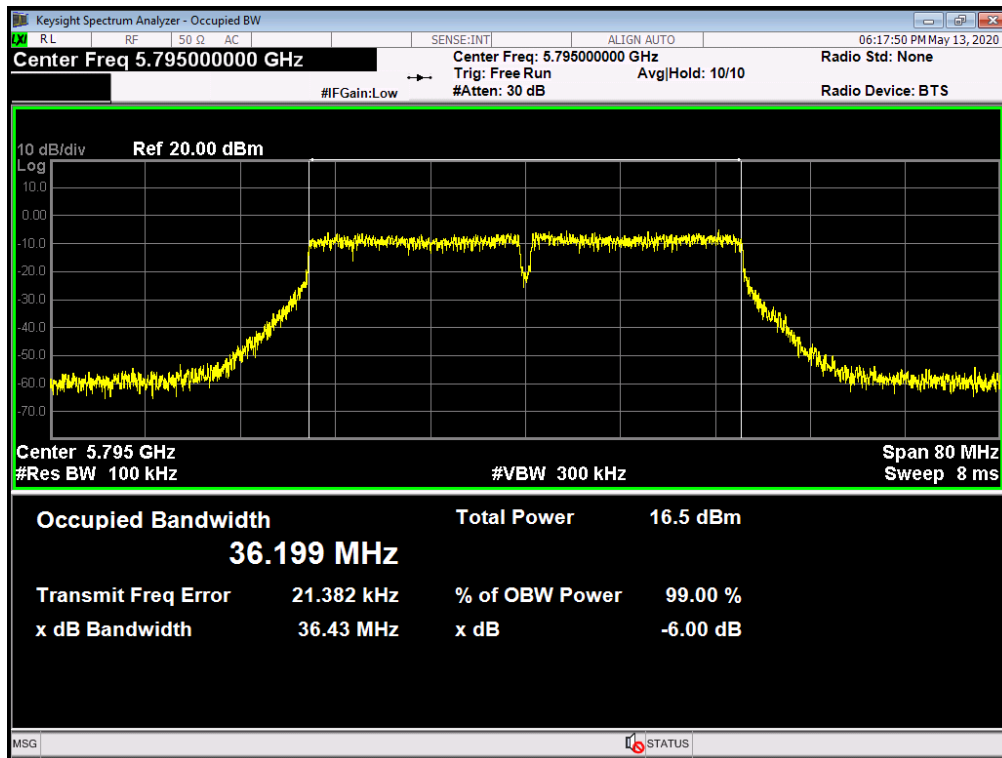


Antenna B---5755 MHz-99%Bandwidth

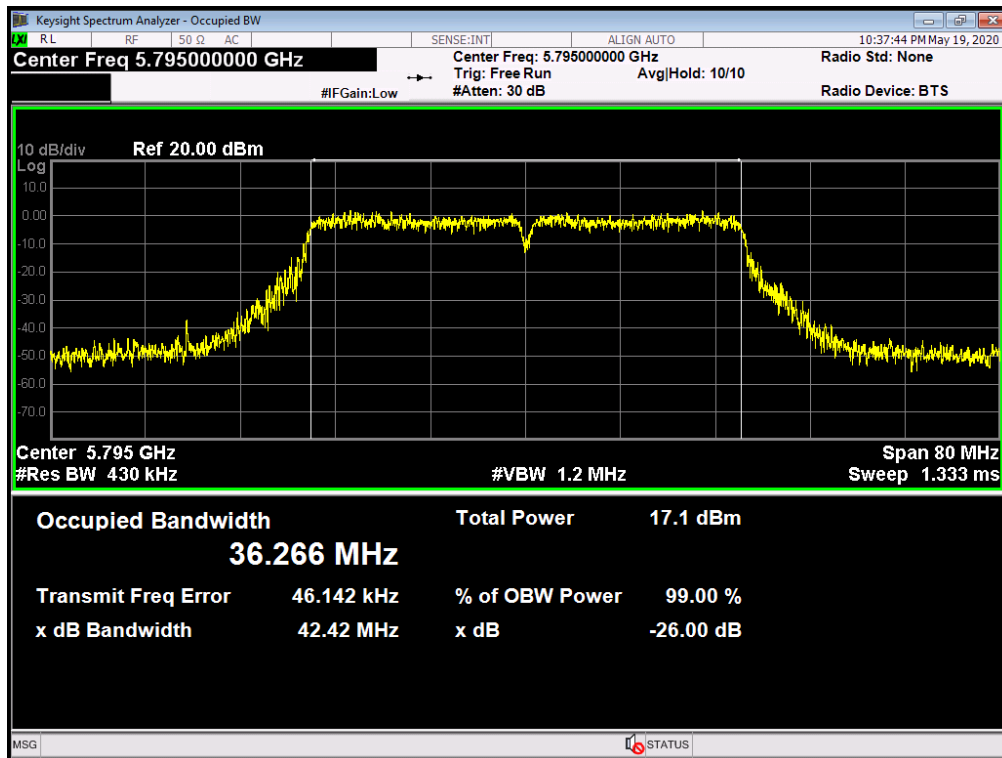


802.11n(HT40) Mode

Antenna B---5795 MHz-6dB Bandwidth



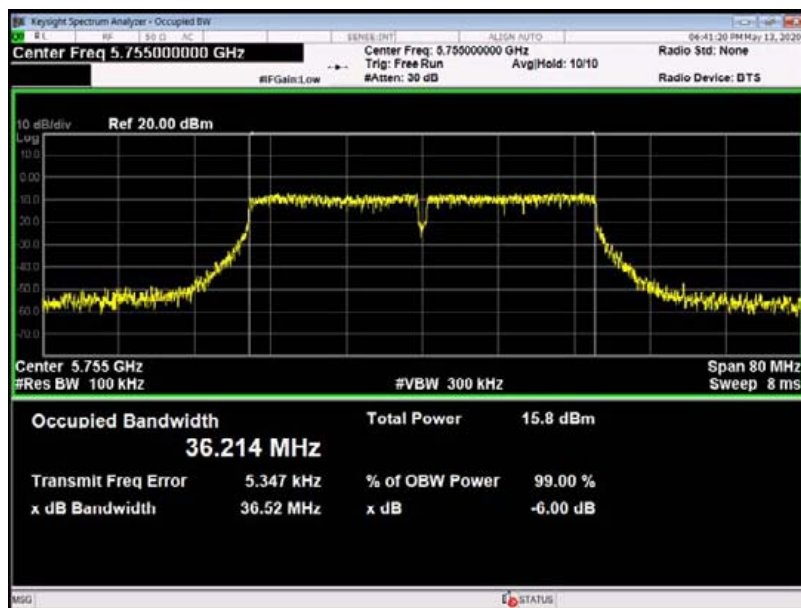
Antenna B---5795 MHz-99%Bandwidth



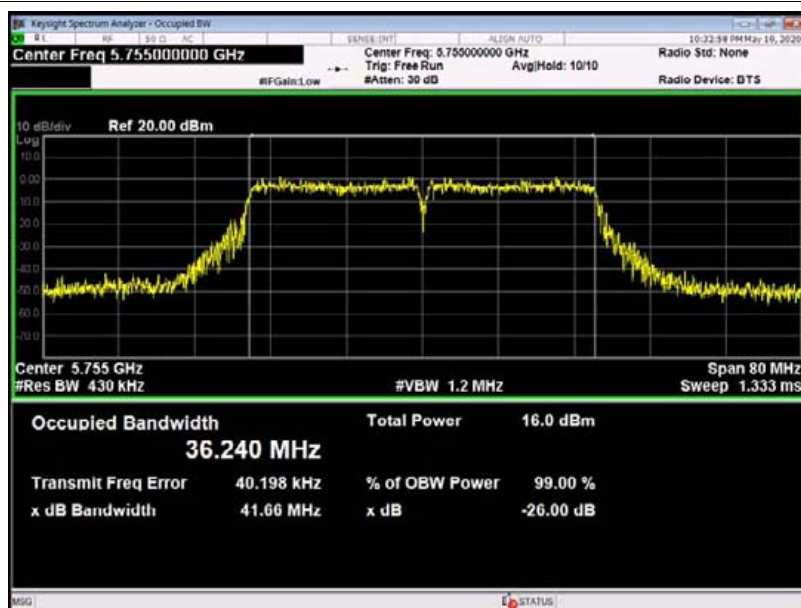
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT40) Mode (U-NII-3) Antenna A		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	36.52	36.240
159	5795	36.42	36.196

802.11ac(VHT40) Mode

Antenna A---5755 MHz-6dB Bandwidth

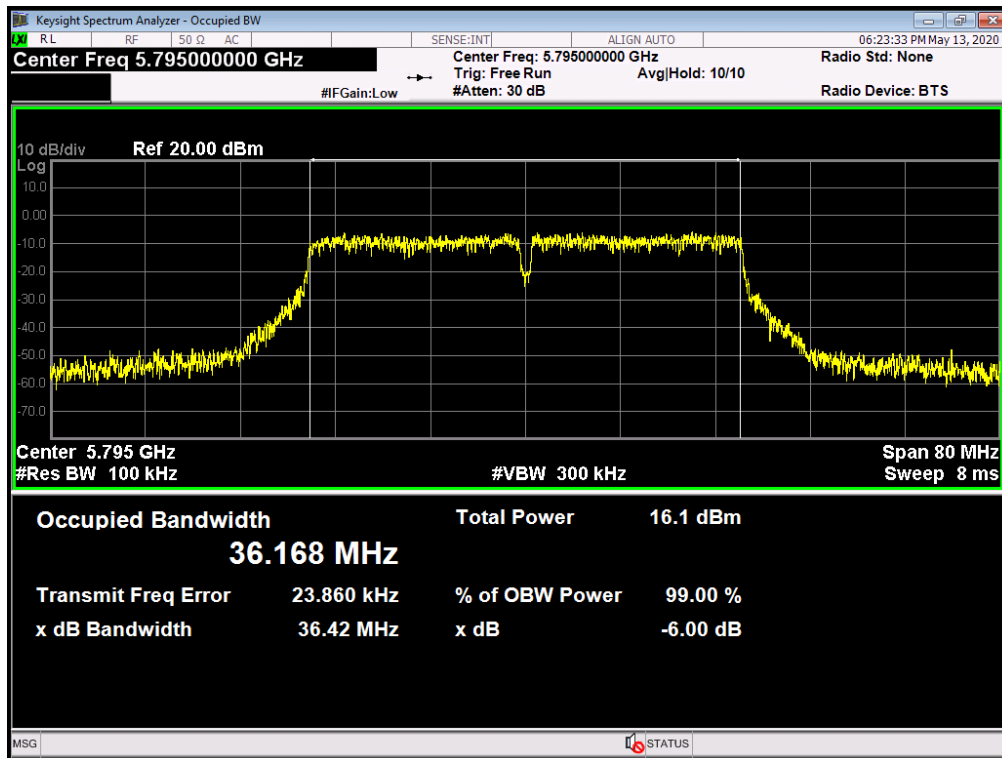


Antenna A---5755 MHz-99%Bandwidth

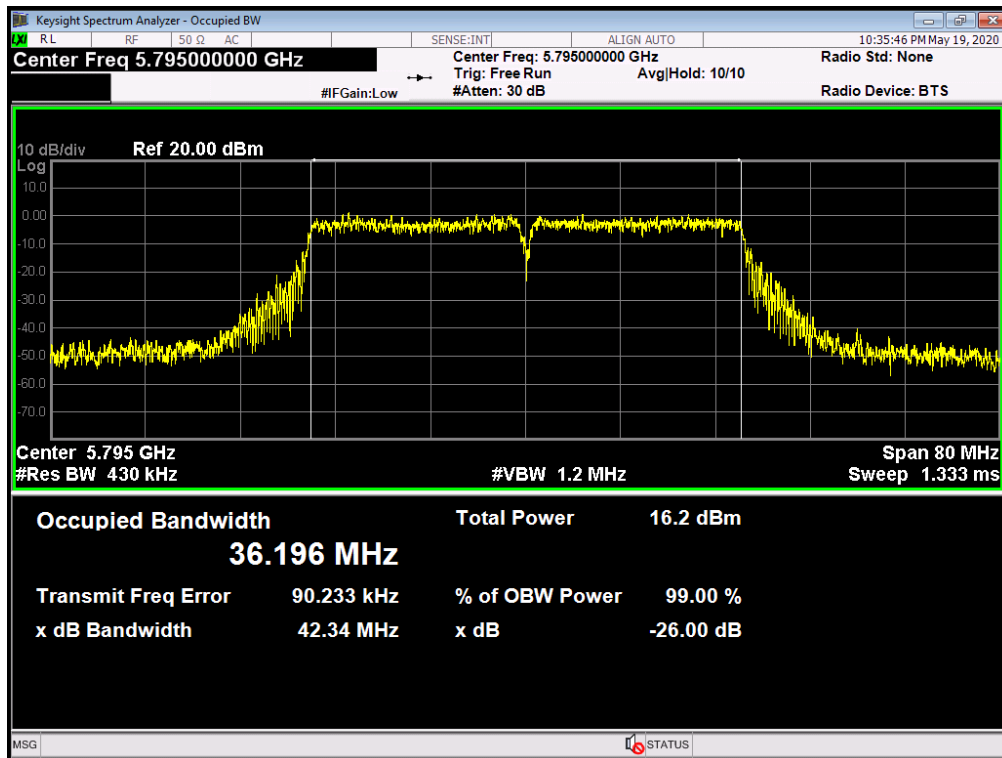


802.11n(HT40) Mode

Antenna A---5795 MHz-6dB Bandwidth



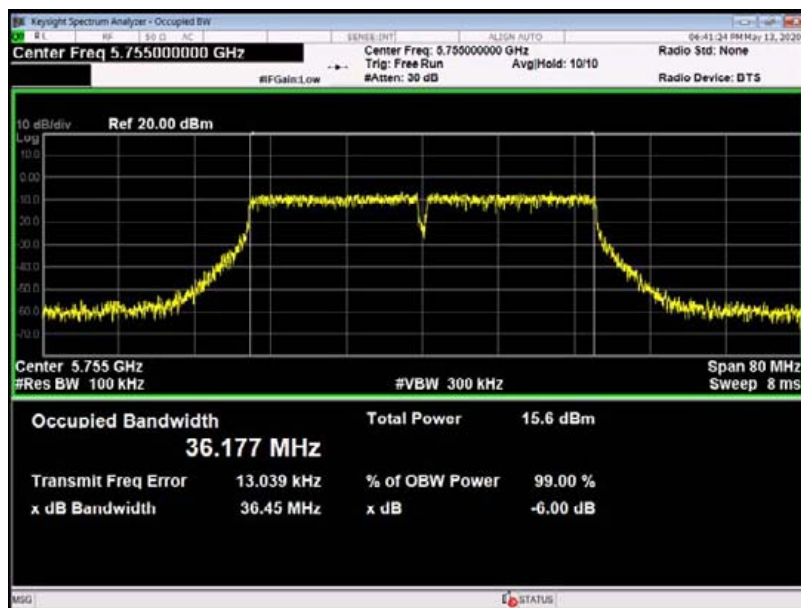
Antenna A---5795 MHz-99%Bandwidth



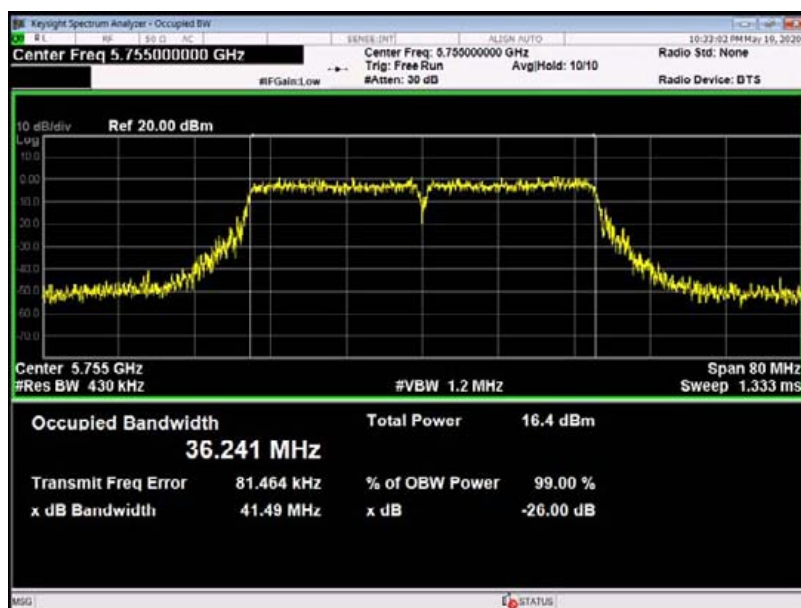
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT40) Mode (U-NII-3) Antenna B		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	36.45	36.241
159	5795	36.44	36.230

802.11ac(VHT40) Mode

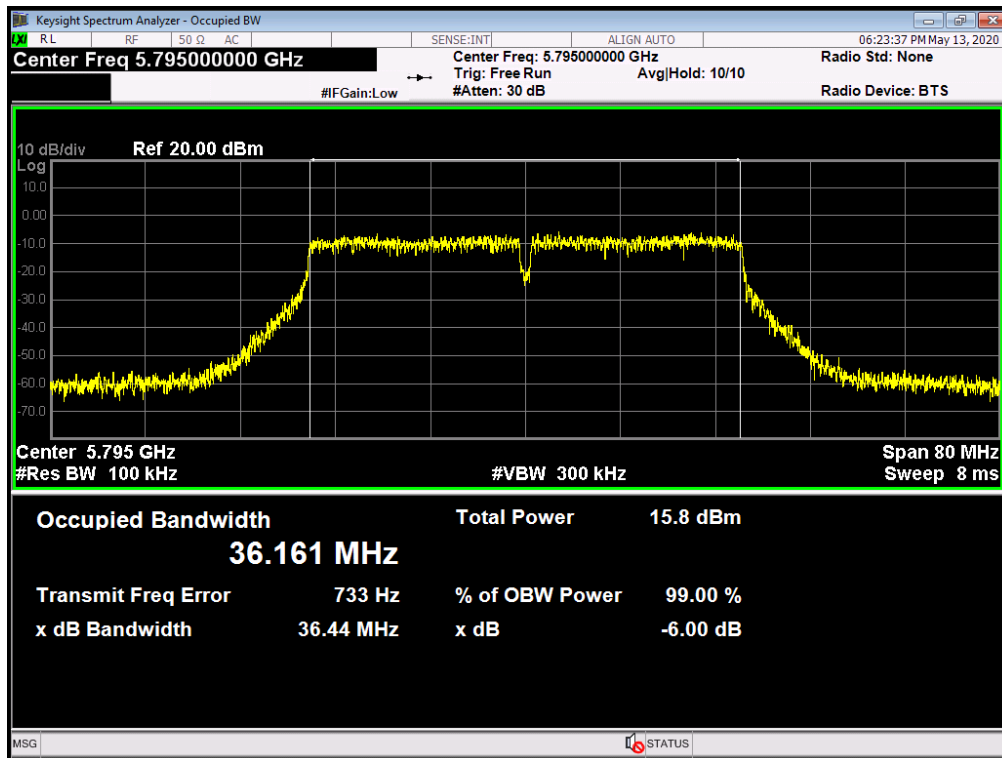
Antenna B---5755 MHz-6dB Bandwidth



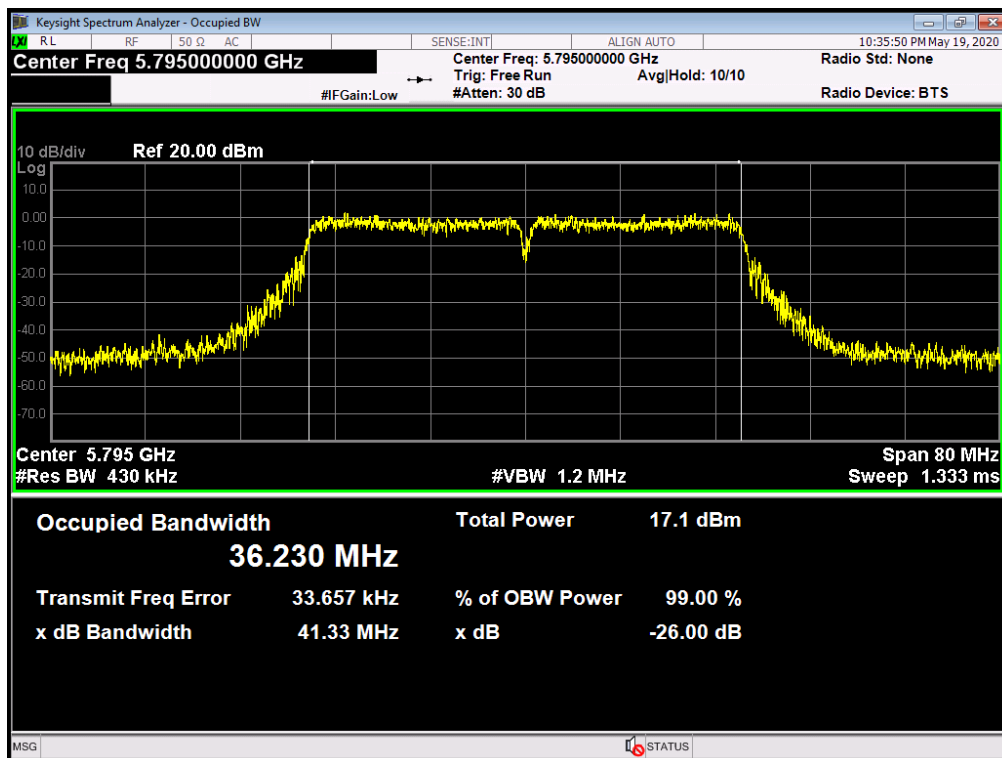
Antenna B---5755 MHz-99%Bandwidth



802.11ac(VHT40) Mode
Antenna B---5795 MHz-6dB Bandwidth



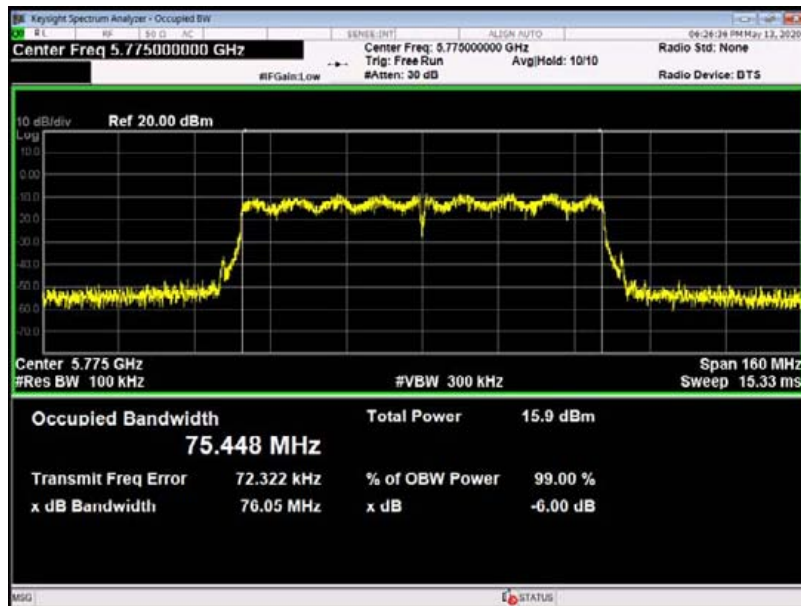
Antenna B---5795 MHz-99%Bandwidth



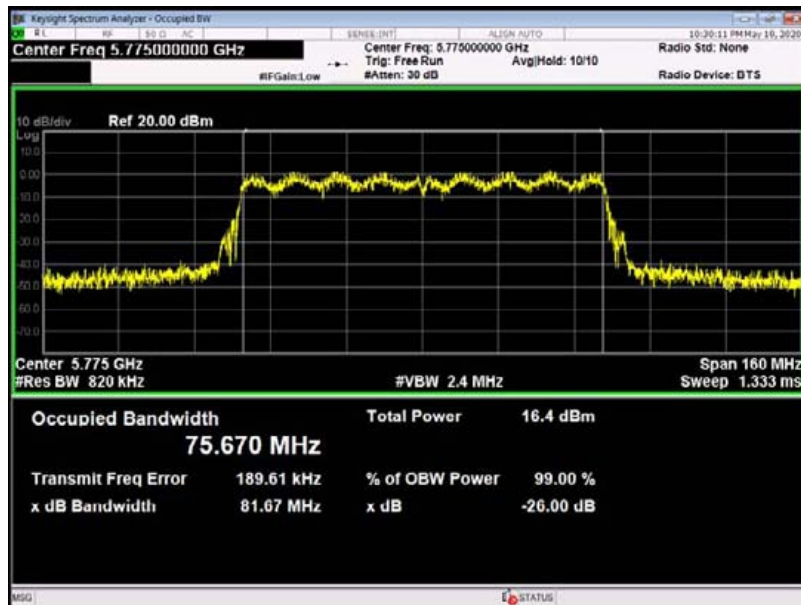
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(HT80) Mode (U-NII-3) Antenna A		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
155	5775	76.05	75.670

802.11ac(VHT80) Mode

Antenna A---5775 MHz-6dB Bandwidth



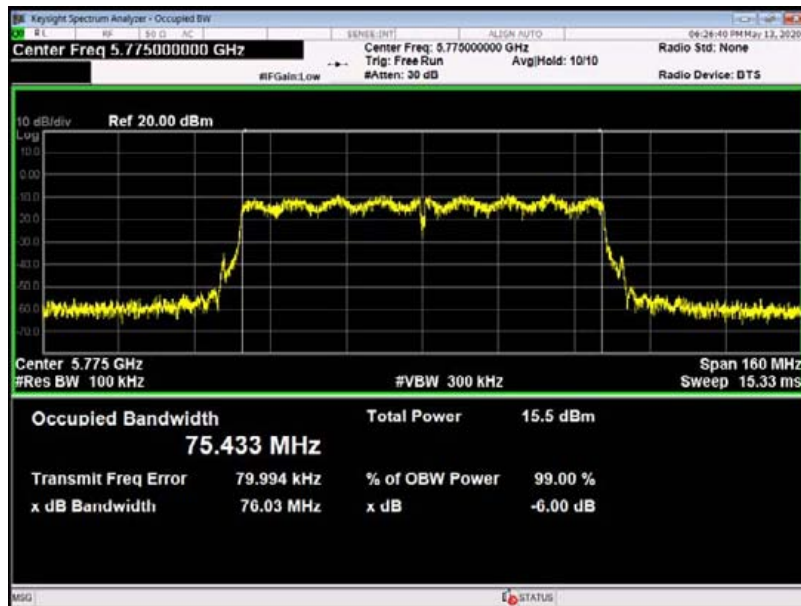
Antenna A---5775 MHz-99%Bandwidth



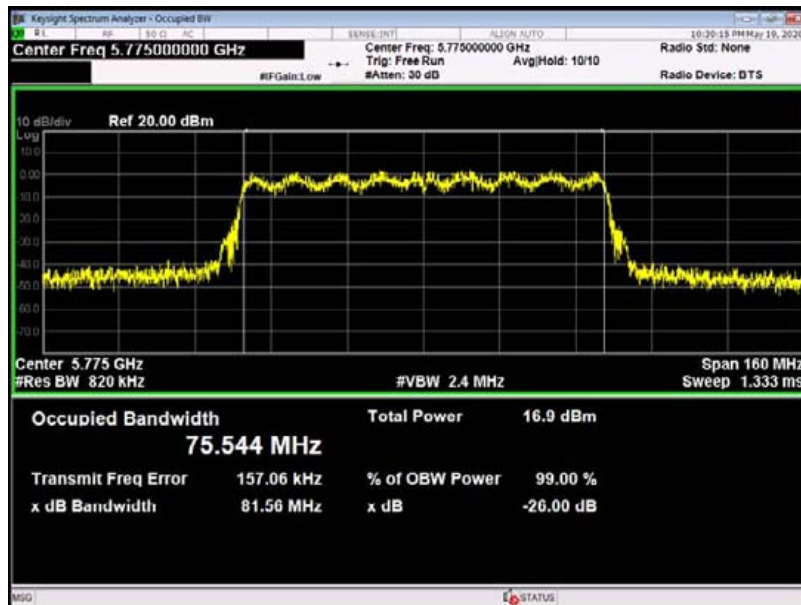
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(HT80) Mode (U-NII-3) Antenna B		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
155	5775	76.03	75.544

802.11ac(VHT80) Mode

Antenna B---5775 MHz-6dB Bandwidth



Antenna B---5775 MHz-99%Bandwidth



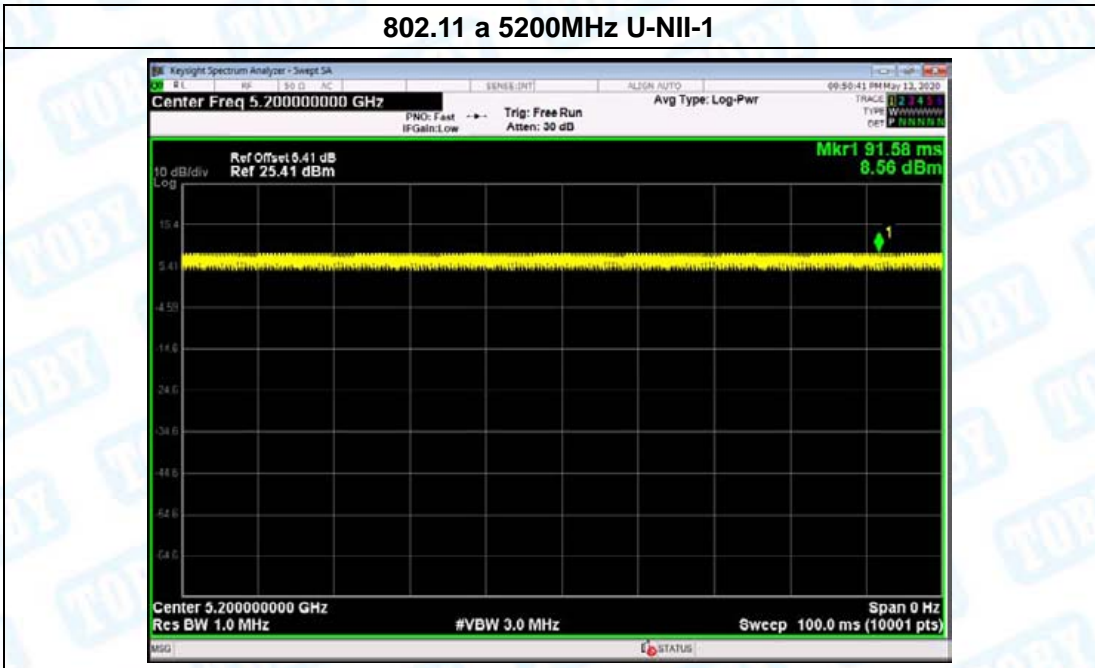
Attachment E--AVG Output Power and E.I.R.P Test Data

Temperature:	25 °C			Relative Humidity:	55%				
Test Voltage:	AC 120V/60Hz								
U-NII-1									
Test Mode	Frequency (MHz)	Conducted Power (dBm)		Duty Factor (dB)	Total Power (dBm)	Conducted Power Limit (dBm)	Directional Gain (dBi)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)
		Ant. A	Ant. B						
802.11a	5180	17.63	17.74	0	20.70	27.99	8.01	28.71	36
	5200	17.91	17.71	0	20.82		8.01	28.83	
	5240	18.31	18.29	0	21.31		8.01	29.32	
802.11n (HT20)	5180	17.68	18.41	0	21.07		8.01	29.08	
	5200	17.52	18.26	0	20.92		8.01	28.93	
	5240	17.85	18.32	0	21.10		8.01	29.11	
802.11ac (VHT20)	5180	17.72	18.33	0	21.05		8.01	29.06	
	5200	18.14	17.57	0	20.87		8.01	28.88	
	5240	18.29	17.57	0	20.96		8.01	28.97	
802.11n (HT40)	5190	20.36	20.62	0	23.50		8.01	31.51	
	5230	20.86	20.23	0	23.57	8.01	31.58		
802.11 ac(VHT40)	5190	19.98	20.53	0	23.27	8.01	31.28		
	5230	20.89	20.23	0	23.58	8.01	31.59		
802.11 ac(VHT80)	5210	21.36	21.71	0	24.55	8.01	32.56		
Result: PASS									
<p>Remark: The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.</p> <p>When ANT. A and ANT. B transmitting simultaneously, so the Directional Gain= Gain_{ANT}+10log(N)dBi=8.01dBi>6dBi.</p> <p>So P_{out} = P_{limit}-(G_{TX}-6)]=(30-2.01)dBm=27.99dBm</p>									

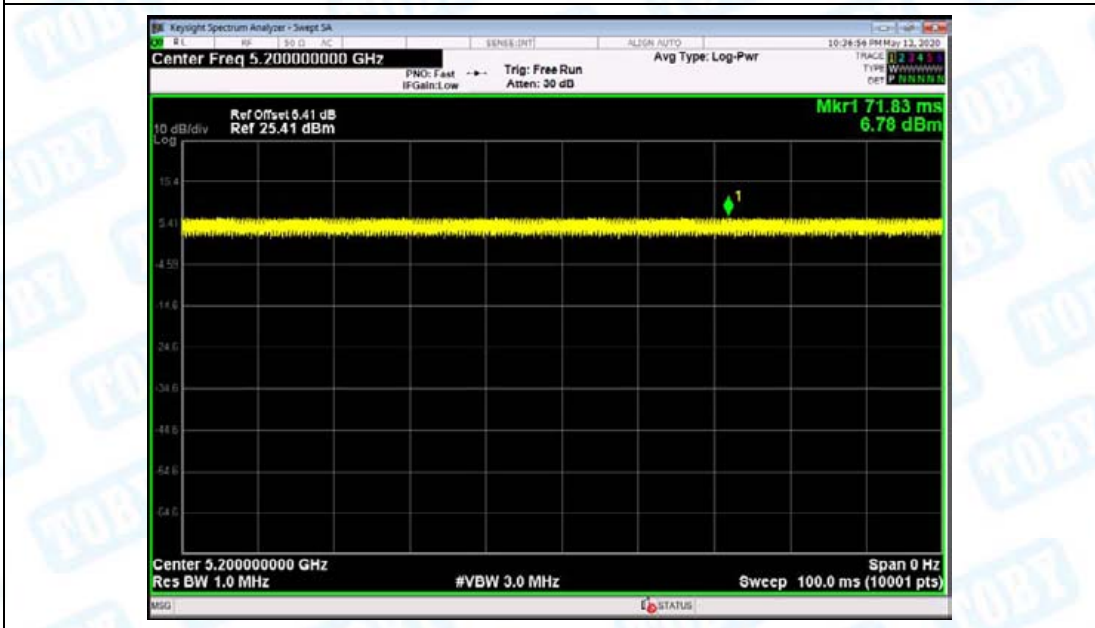
Temperature:	25 °C			Relative Humidity:	55%				
Test Voltage:	AC 120V/60Hz								
U-NII-3									
Test Mode	Frequency (MHz)	Conducted Power (dBm)		Duty Factor (dB)	Total Power (dBm)	Conducted Power Limit (dBm)	Directional Gain (dBi)	E.I.R.P (dBm)	E.I.R.P (dBm)
		Ant. A	Ant. B						
802.11a	5745	22.68	22.00	0	25.37	27.99	8.01	33.38	36
	5785	23.32	22.19	0	25.80		8.01	33.81	
	5825	22.91	22.60	0	25.77		8.01	33.78	
802.11n (HT20)	5745	21.90	21.93	0	24.93		8.01	32.94	
	5785	22.60	22.17	0	25.40		8.01	33.41	
	5825	21.98	21.36	0	24.69		8.01	32.70	
802.11ac (VHT20)	5745	22.12	22.50	0	25.33		8.01	33.34	
	5785	23.16	22.58	0	25.89		8.01	33.90	
	5825	22.78	23.15	0	25.98		8.01	33.99	
802.11n (HT40)	5755	22.36	22.45	0	25.42		8.01	33.43	
	5795	22.64	22.37	0	25.52		8.01	33.53	
802.11 ac(VHT40)	5755	22.18	21.83	0	25.02		8.01	33.03	
	5795	22.86	21.71	0	25.33		8.01	33.34	
802.11 ac(VHT80)	5775	22.42	21.57	0	25.03		8.01	33.04	
Result: PASS									
<p>Remark: The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.</p> <p>When ANT. A and ANT. B transmitting simultaneously, so the Directional Gain= Gain_{ANT}+10log(N)dBi =8.01dBi>6dBi.</p> <p>So P_{out} = P_{limit}-(G_{TX}-6)]=(30-2.01)dBm=27.99dBm</p>									

Test Mode		Duty cycle
U-NII-1	802.11 a	>98%
	802.11 n(HT20)	
	802.11 ac(VHT20)	
	802.11 n(HT40)	
	802.11 ac(VHT40)	
	802.11 ac(VHT80)	
U-NII-3	802.11 a	
	802.11 n(HT20)	
	802.11 ac(VHT20)	
	802.11 n(HT40)	
	802.11 ac(VHT40)	
	802.11 ac(VHT80)	
Please see the next plots.		

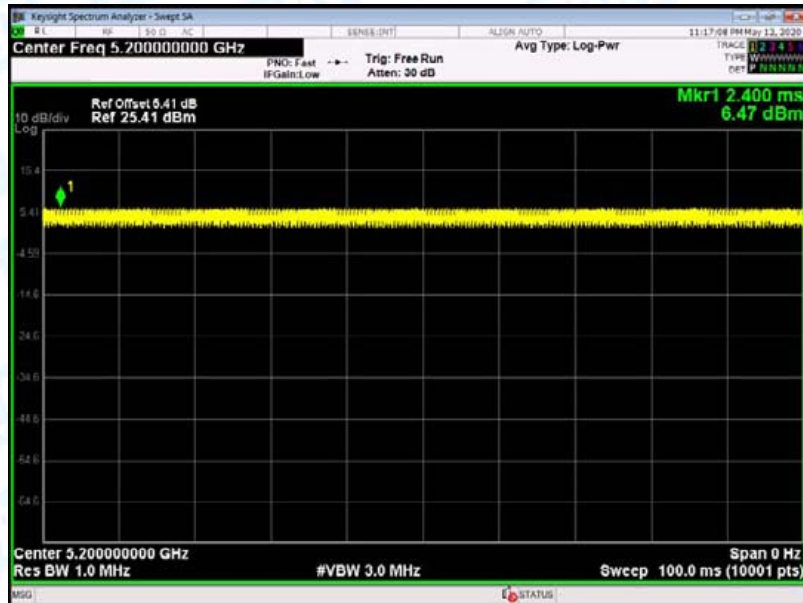
802.11 a 5200MHz U-NII-1



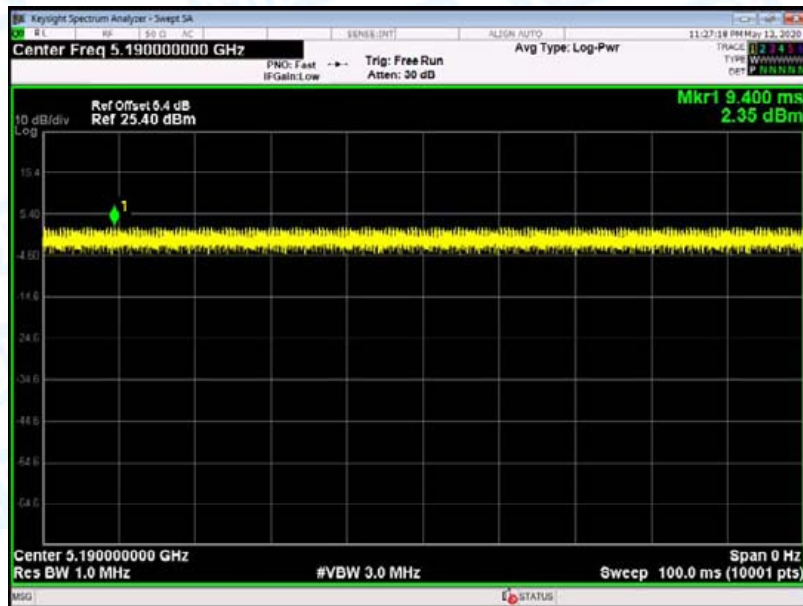
802.11 n(HT20) 5200MHz U-NII-1



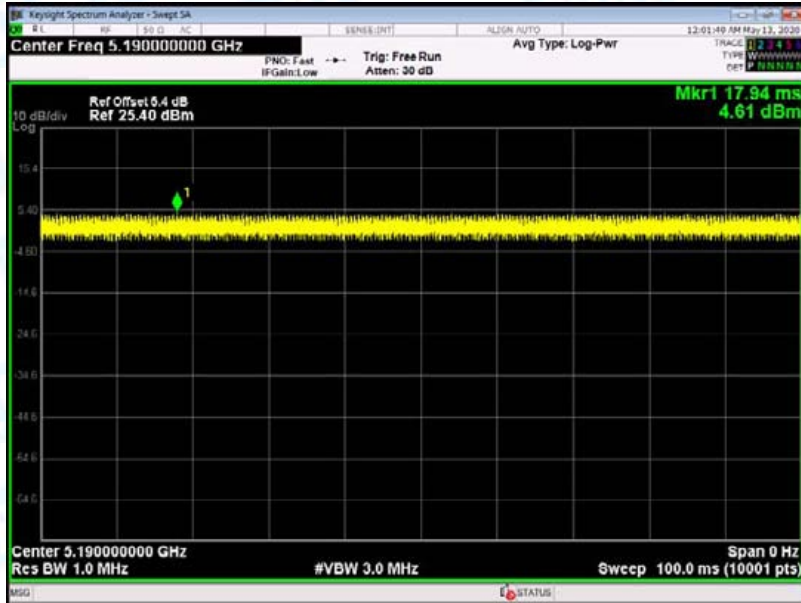
802.11 ac(VHT20) 5200MHz U-NII-1



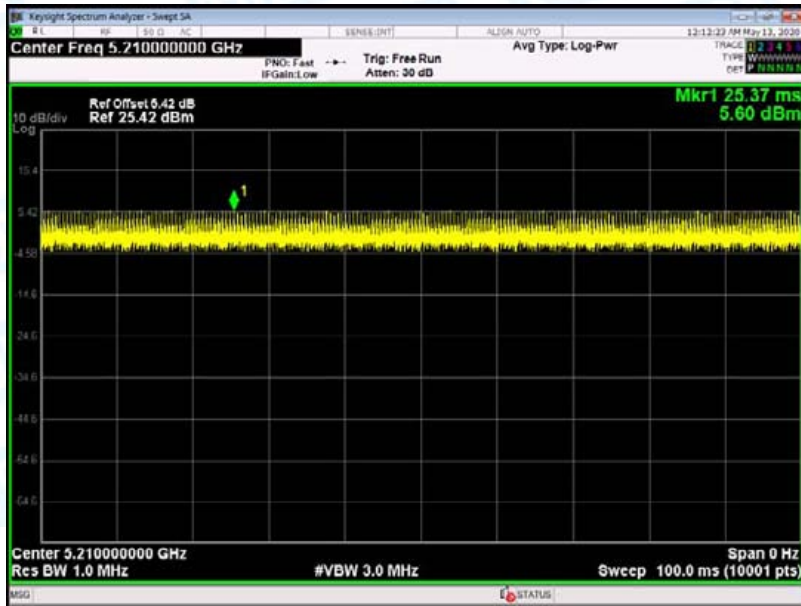
802.11 n(HT40) 5190MHz U-NII-1



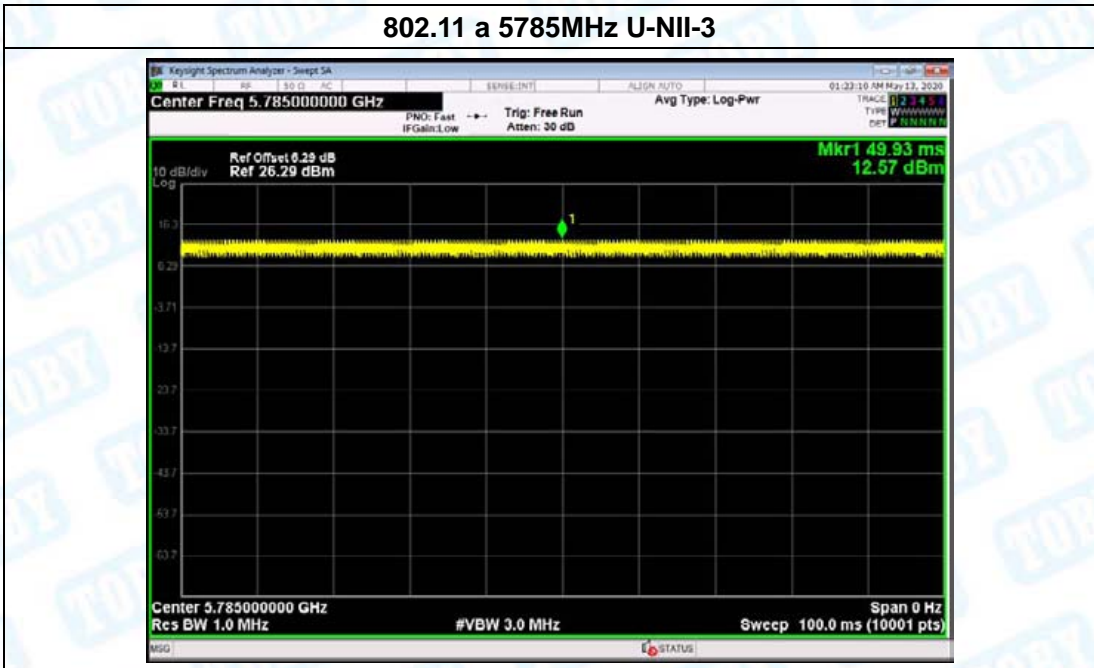
802.11 ac(VHT40) 5190MHz U-NII-1



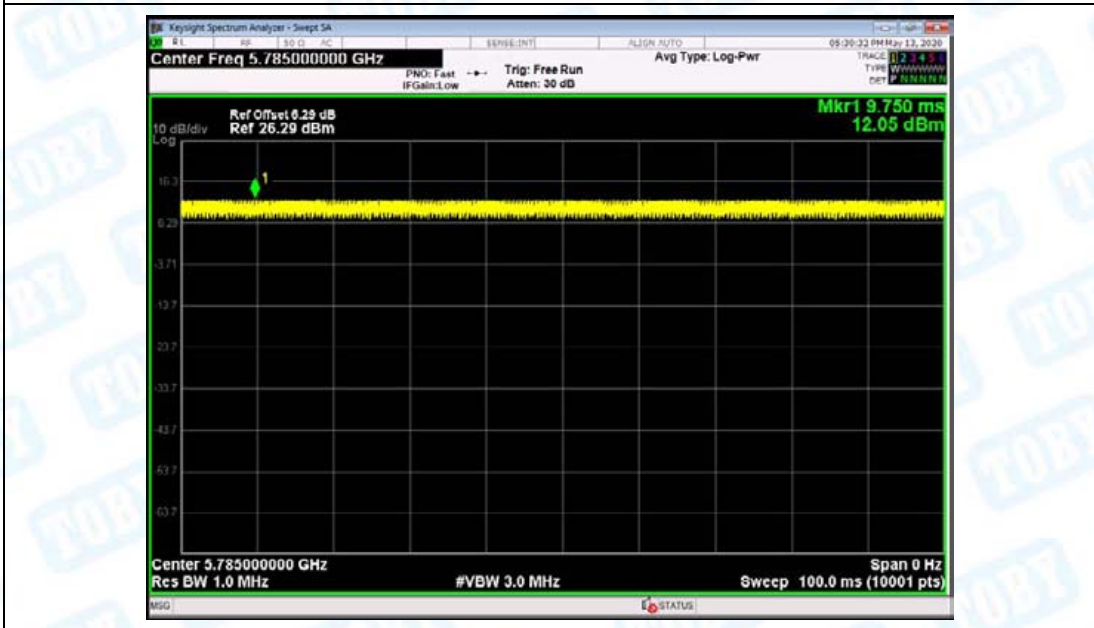
802.11 ac(HT80) 5210MHz U-NII-1



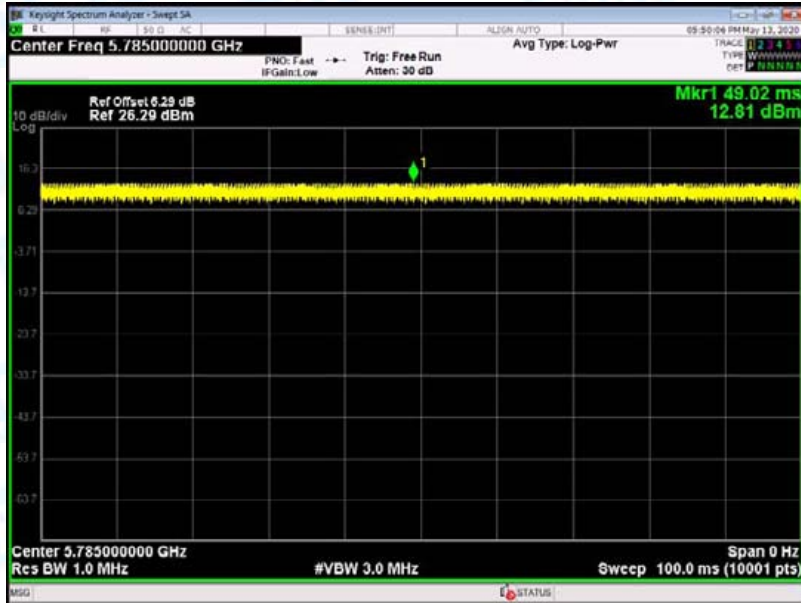
802.11 a 5785MHz U-NII-3



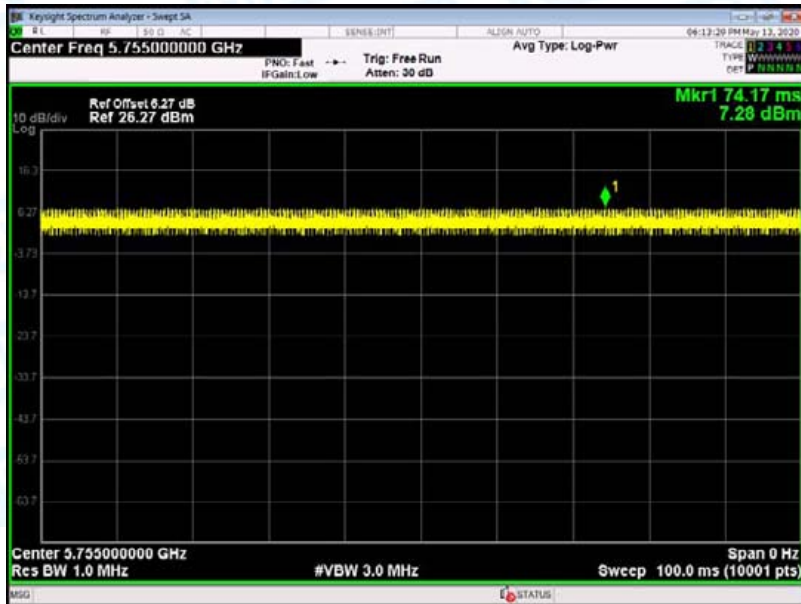
802.11 n(HT20) 5785MHz U-NII-3



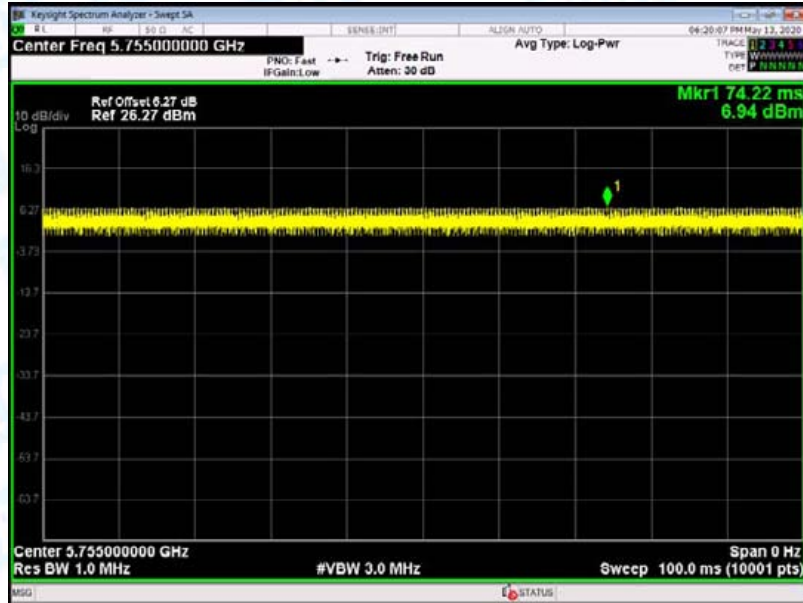
802.11 ac(VHT20) 5785MHz U-NII-3



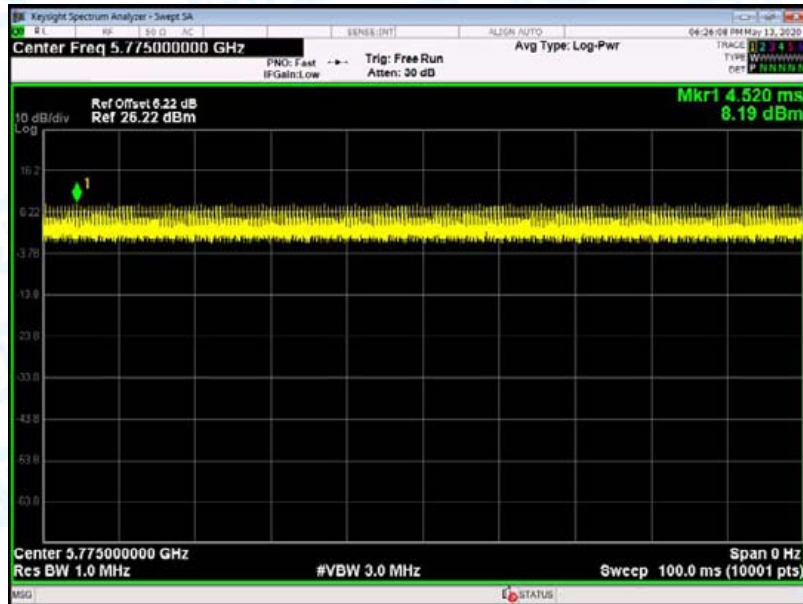
802.11 n(HT40) 5755MHz U-NII-3



802.11 ac(VHT40) 5755MHz U-NII-3



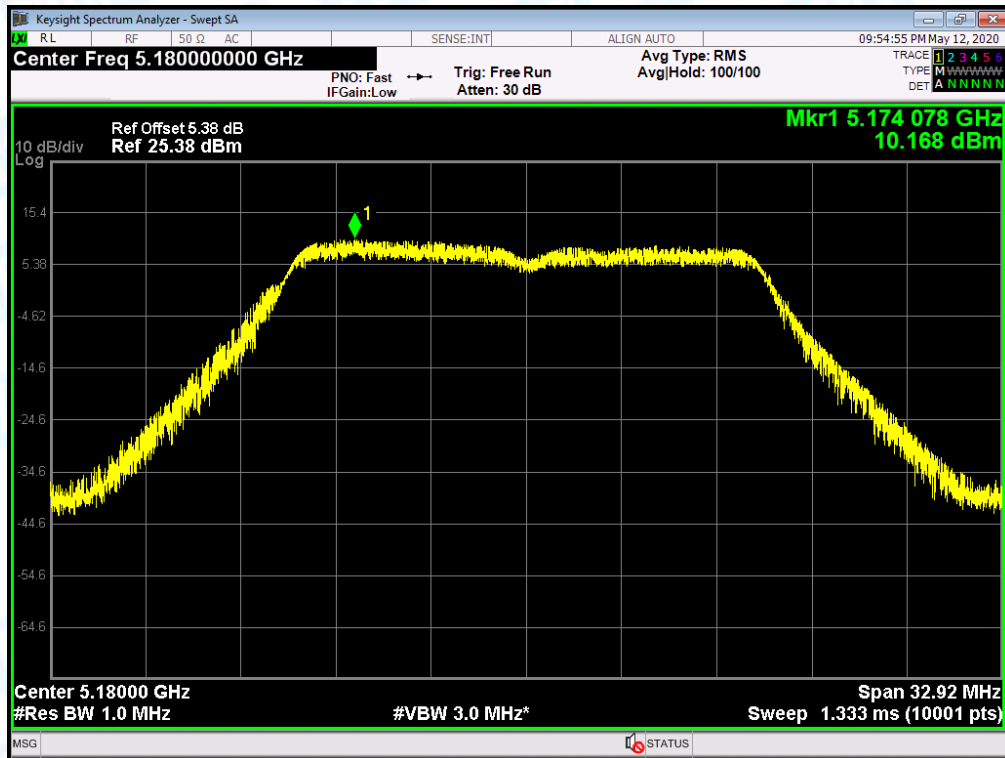
802.11 ac(VHT80) 5775MHz U-NII-3



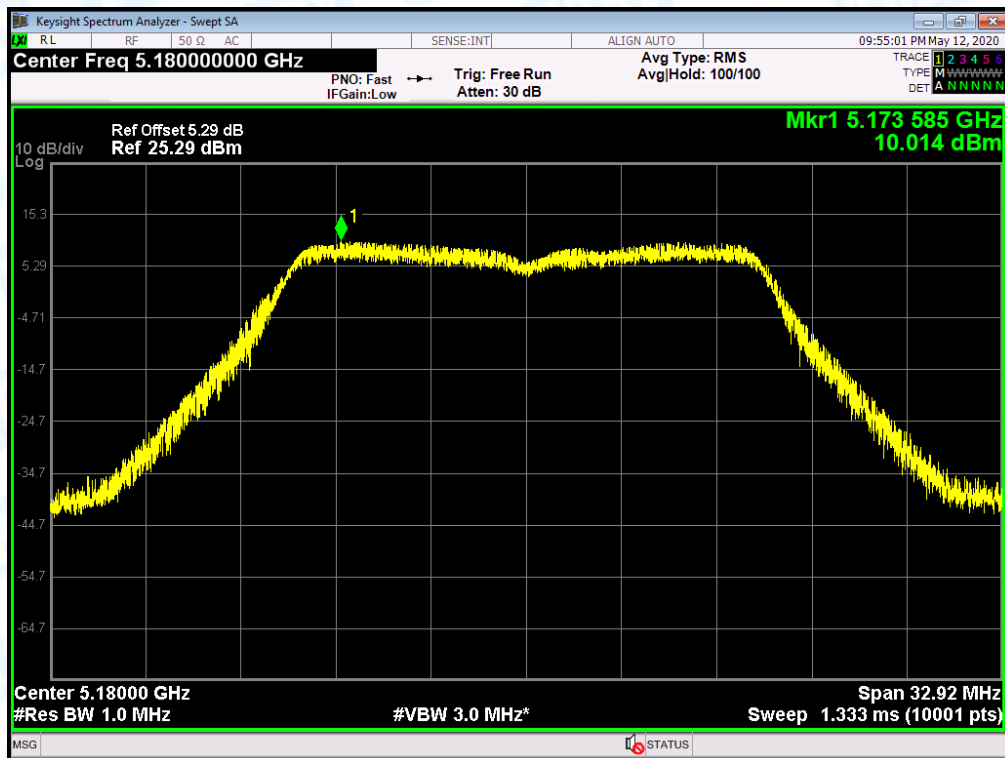
Attachment F-- Power Spectral Density Test Data

Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	AC 120V/60Hz					
U-NII-1						
Test Mode	Frequency (MHz)	Power Density				Limit (dBm/MHz)
		ANT. A (dBm/MHz)	ANT. B (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	
802.11a	5180	10.168	10.014	0	13.102	14.99
	5200	10.191	9.953	0	13.084	
	5240	10.276	10.365	0	13.331	
802.11n (HT20)	5180	9.220	10.090	0	12.687	
	5200	9.199	9.920	0	12.585	
	5240	9.425	10.021	0	12.744	
802.11ac (VHT20)	5180	9.211	9.971	0	12.618	
	5200	9.834	9.246	0	12.560	
	5240	9.810	9.296	0	12.571	
802.11n (HT40)	5190	8.830	9.335	0	12.100	
	5230	9.502	8.894	0	12.240	
802.11ac(VHT40)	5190	8.930	9.151	0	12.052	
	5230	9.546	8.943	0	12.265	
802.11ac(VHT80)	5210	8.123	8.352	0	11.249	
Result: PASS						
<p>Remark: The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.</p> <p>When ANT. A and ANT. B transmitting simultaneously, so the Directional Gain= Gain_{ANT}+10log(N)dBi =8.01dBi>6dBi.</p> <p>So PSD_{out} = PSD_{limit}-(G_{TX}-6)]=(17-2.01)dBm/MHz=14.99dBm/MHz</p>						

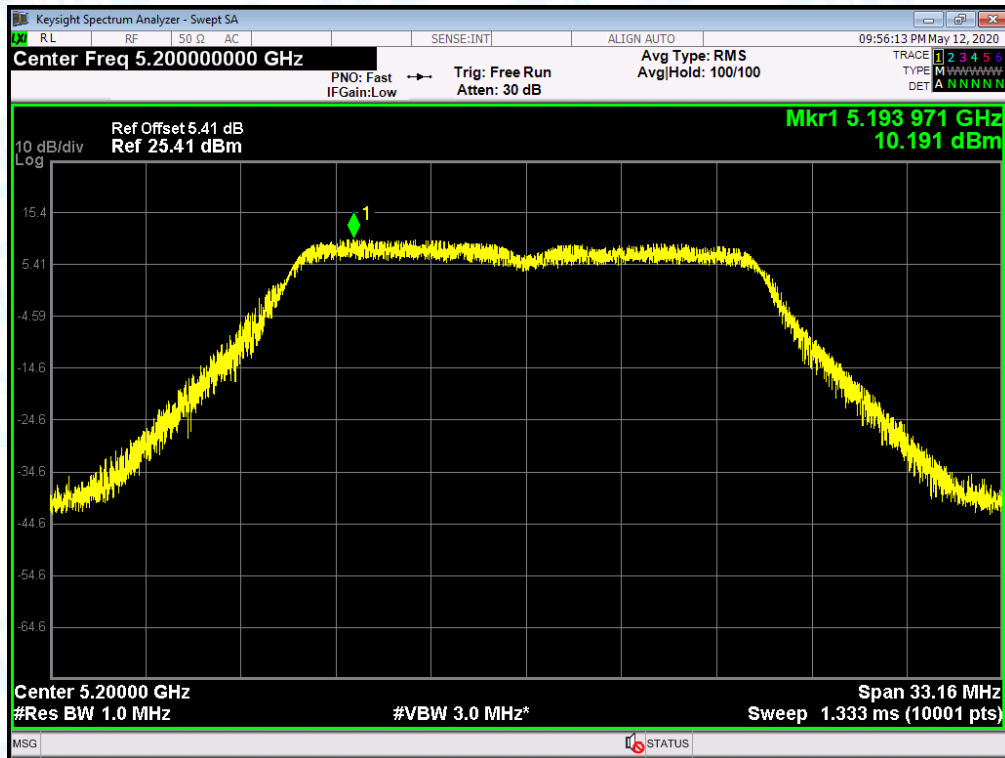
PSD NVNT 802.11a 5180MHz Ant.A



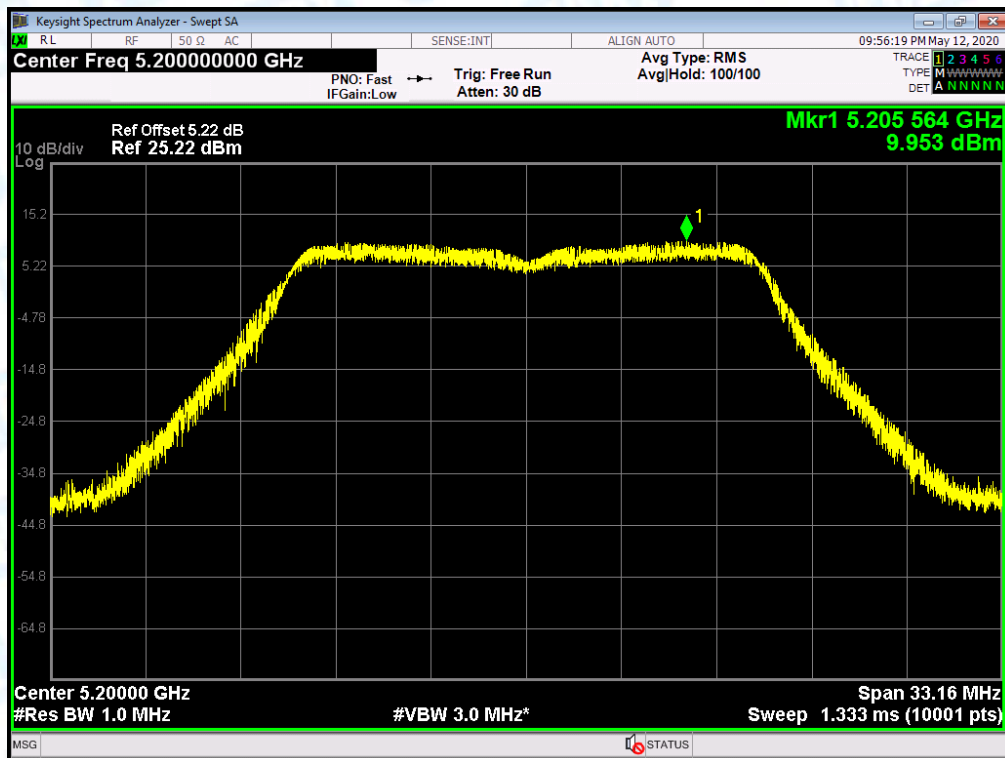
PSD NVNT 802.11a 5180MHz Ant.B



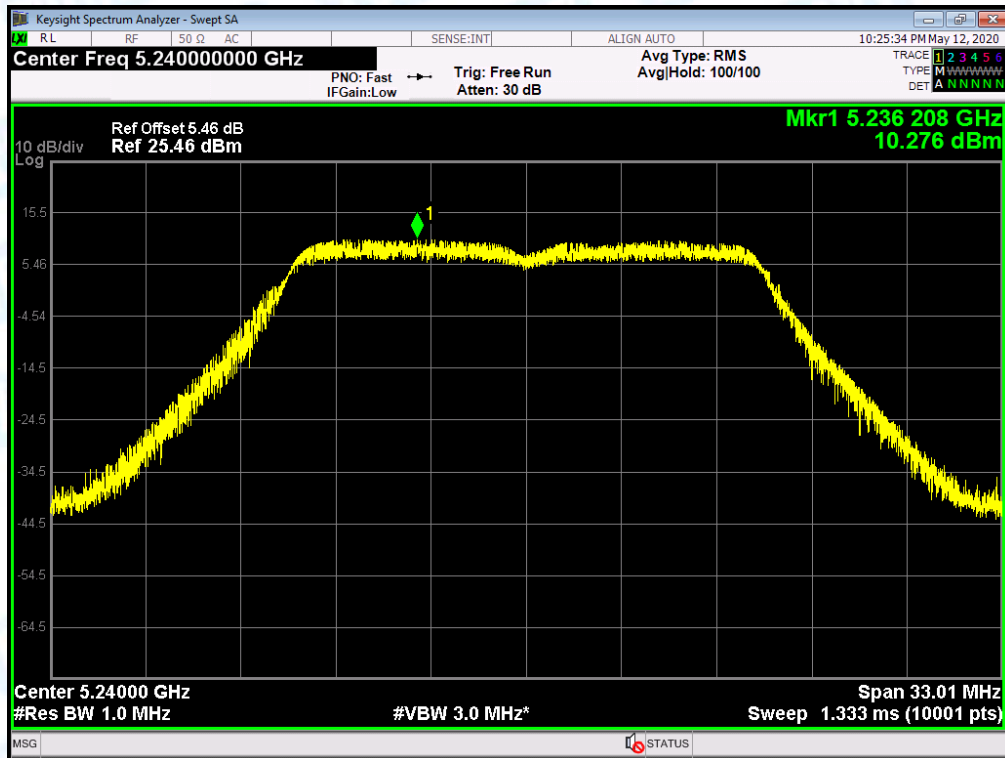
PSD NVNT 802.11a 5200MHz Ant.A



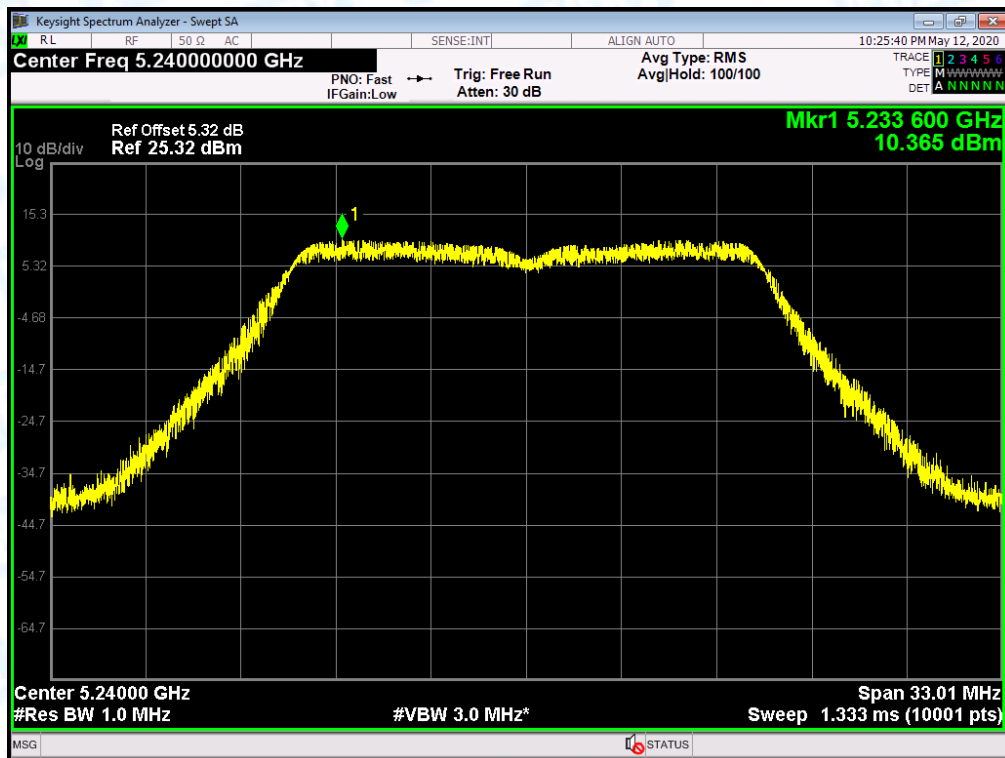
PSD NVNT 802.11a 5200MHz Ant.B



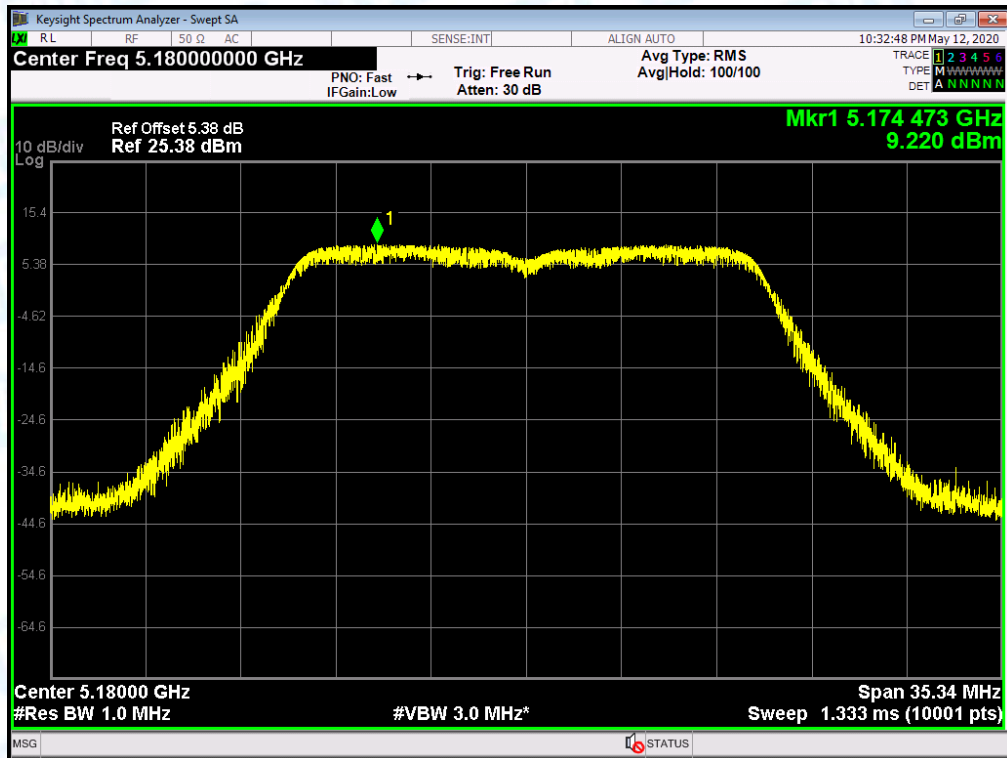
PSD NVNT 802.11a 5240MHz Ant.A



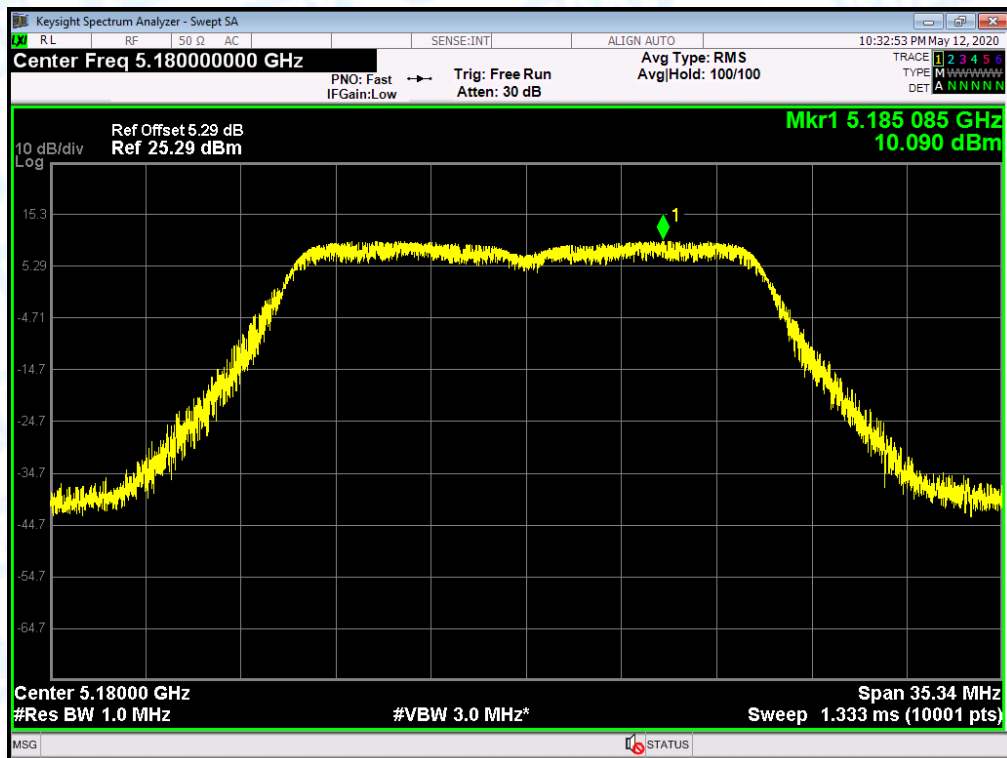
PSD NVNT 802.11a 5240MHz Ant.B



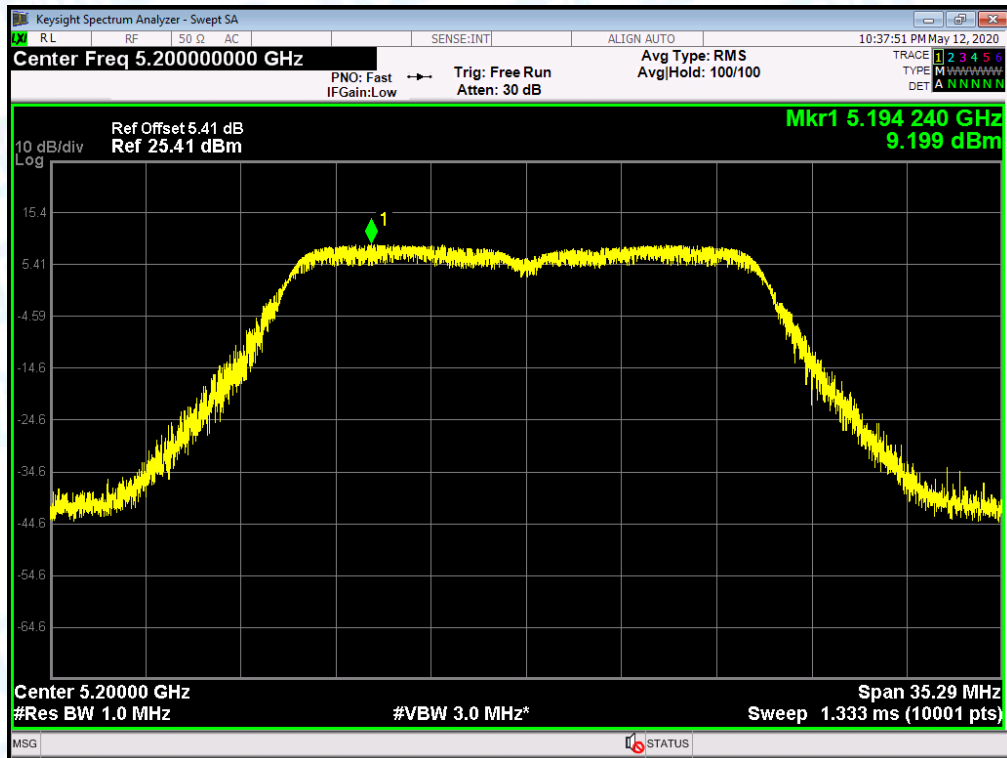
PSD NVNT 802.11n(HT20) 5180MHz Ant.A



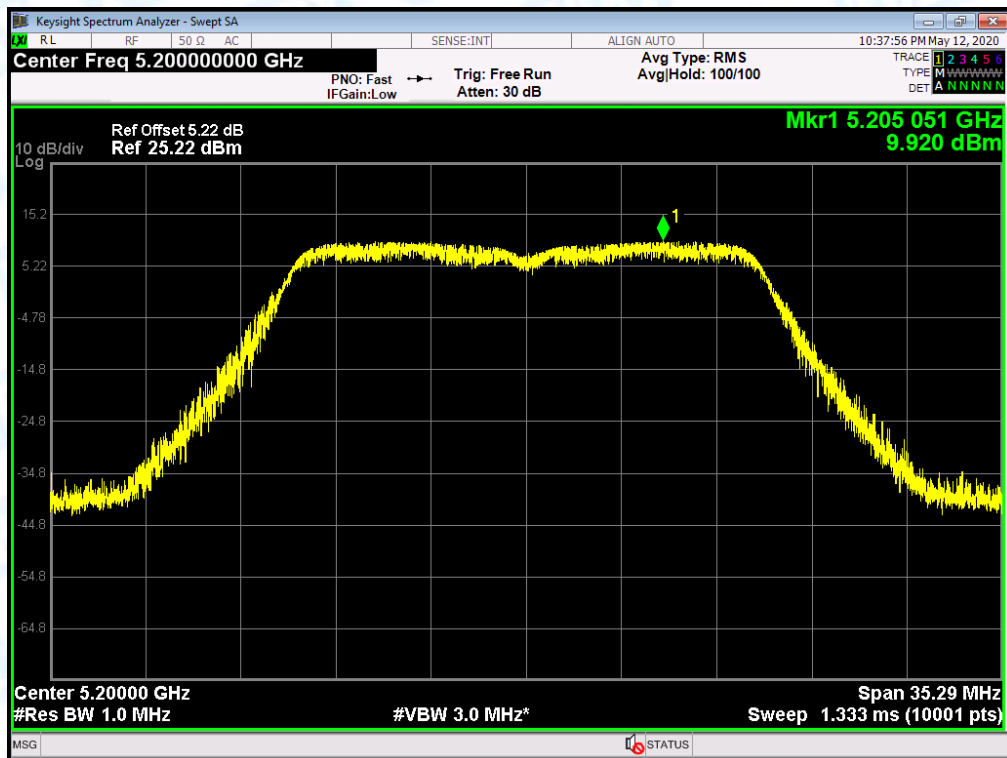
PSD NVNT 802.11n(HT20) 5180MHz Ant.B



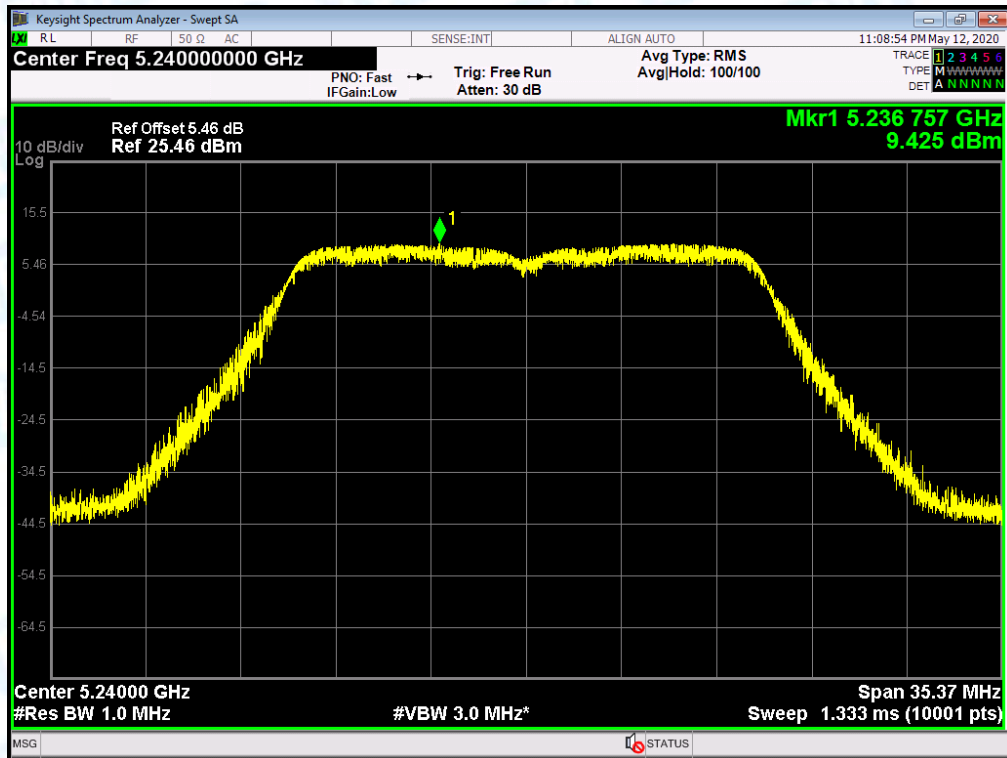
PSD NVNT 802.11n(HT20) 5200MHz Ant.A



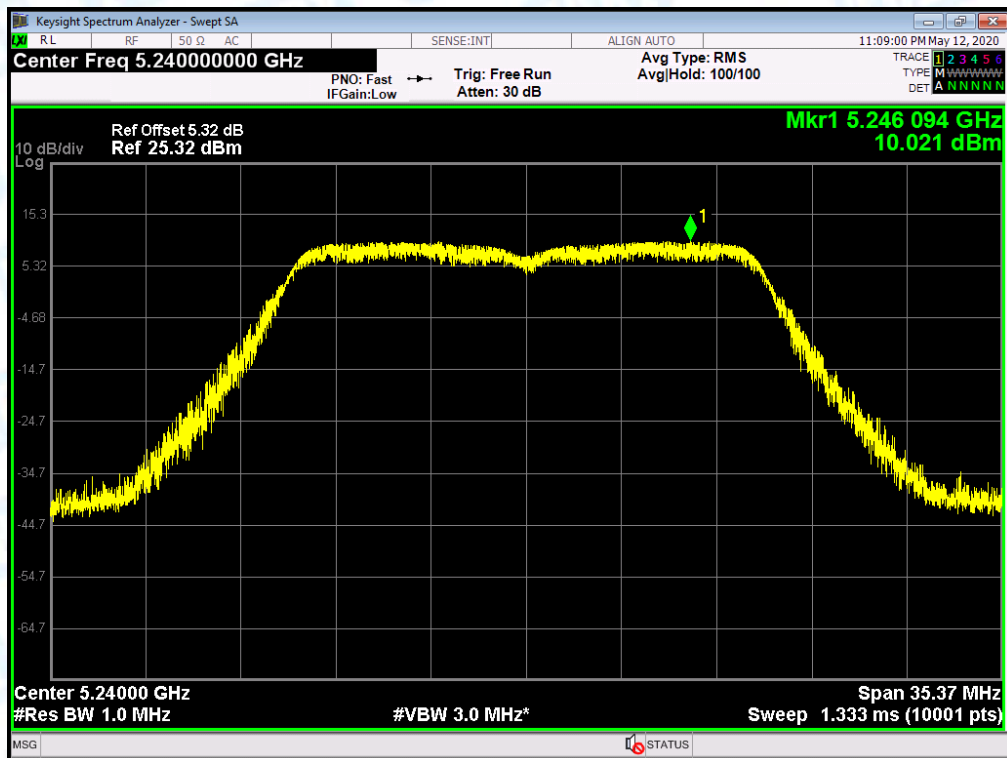
PSD NVNT 802.11n(HT20) 5200MHz Ant.B



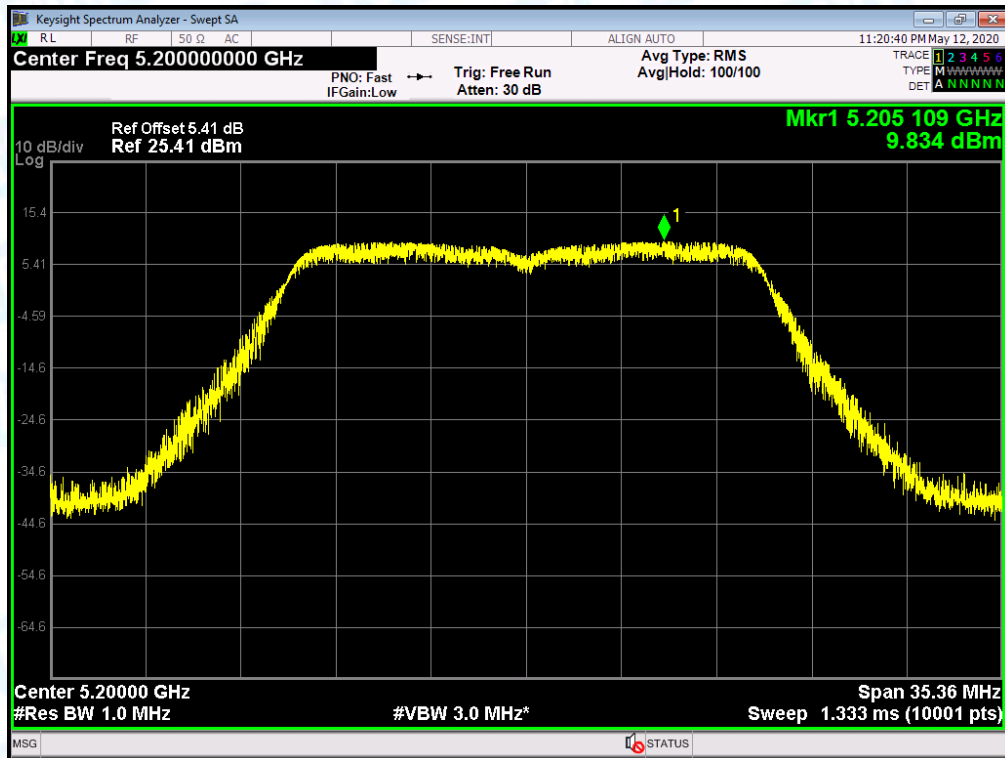
PSD NVNT 802.11n(HT20) 5240MHz Ant.A



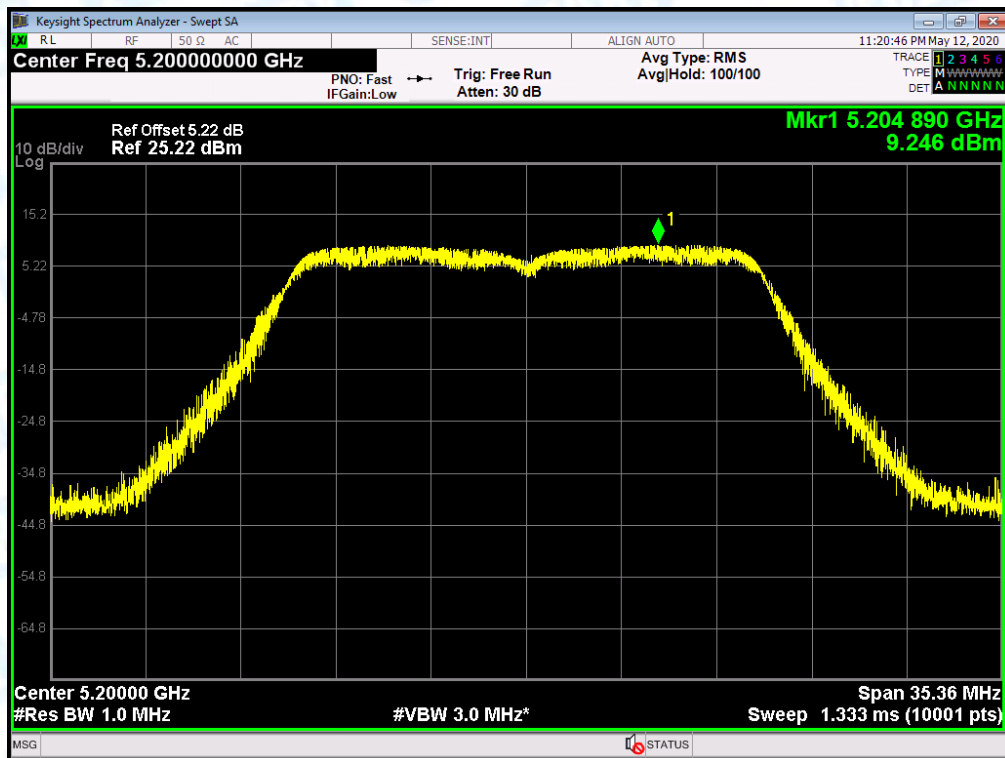
PSD NVNT 802.11n(HT20) 5240MHz Ant.B



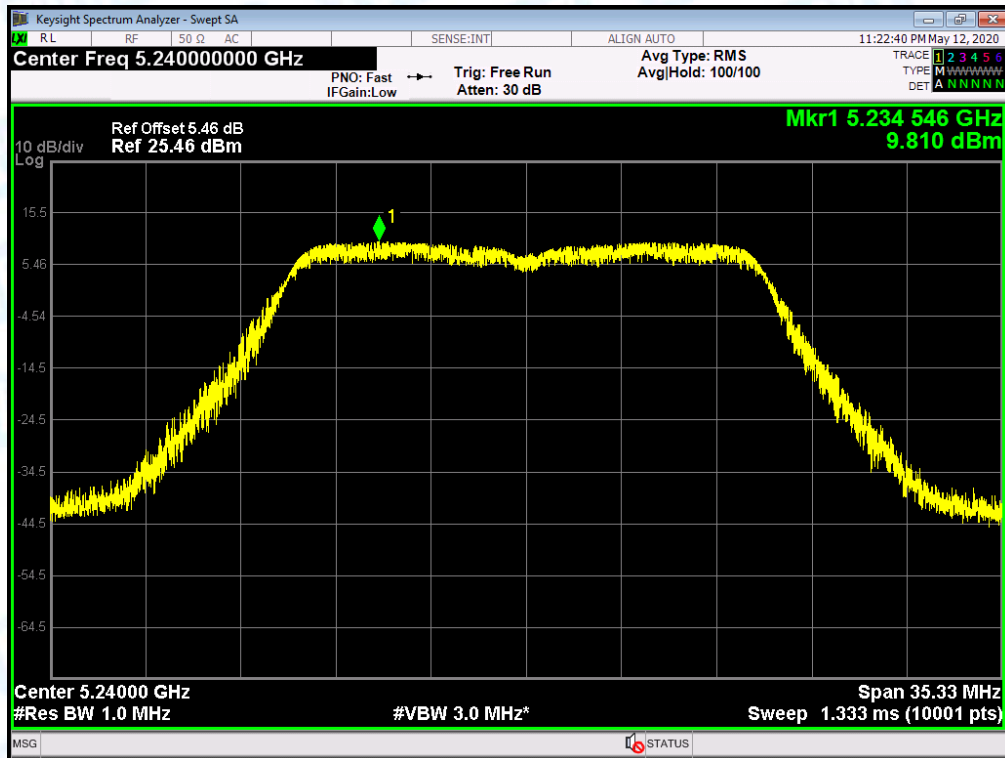
PSD NVNT 802.11 ac(VHT20) 5200MHz Ant.A



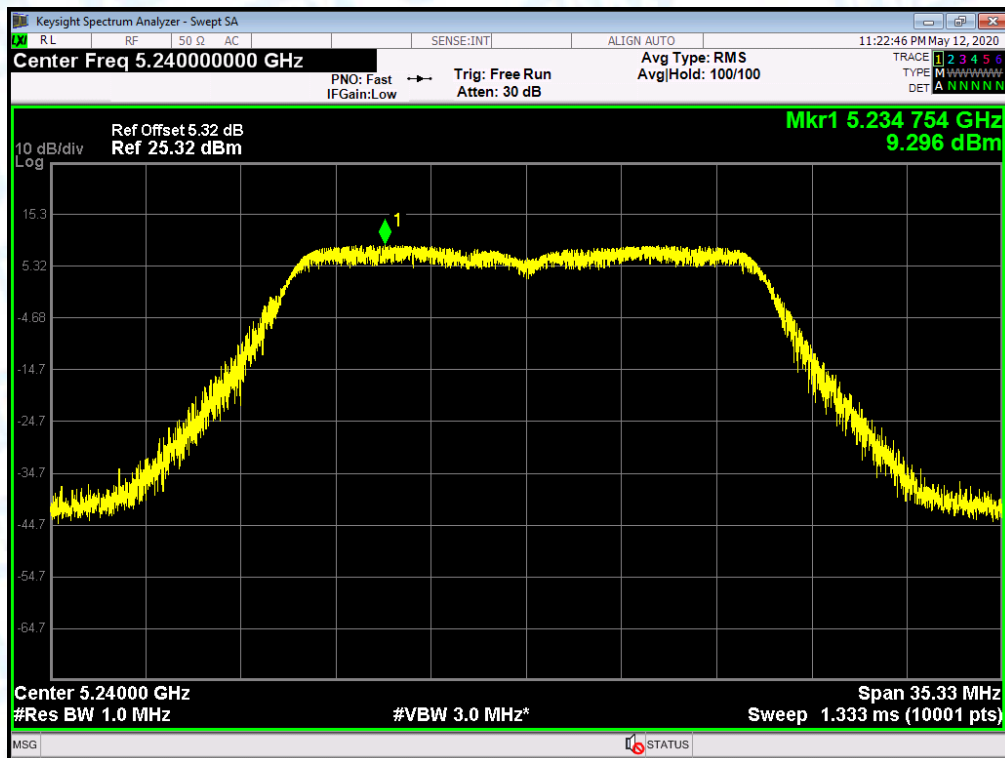
PSD NVNT 802.11 ac(VHT20) 5200MHz Ant.B



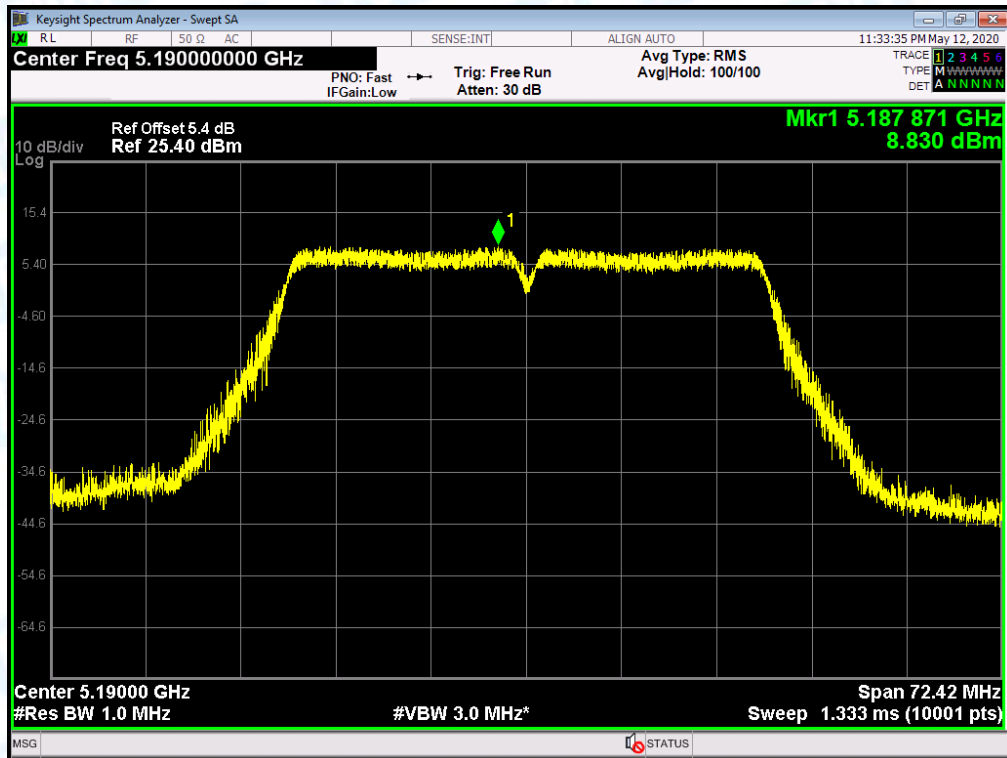
PSD NVNT 802.11 ac(VHT20) 5240MHz Ant.A



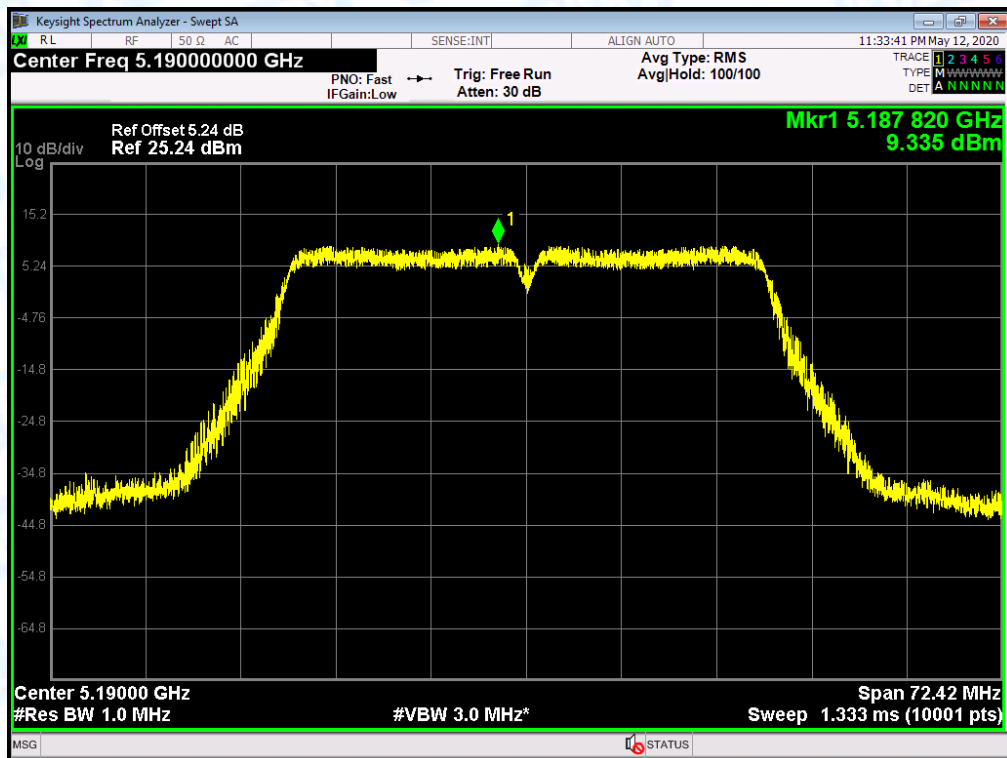
PSD NVNT 802.11 ac(VHT20) 5240MHz Ant.B



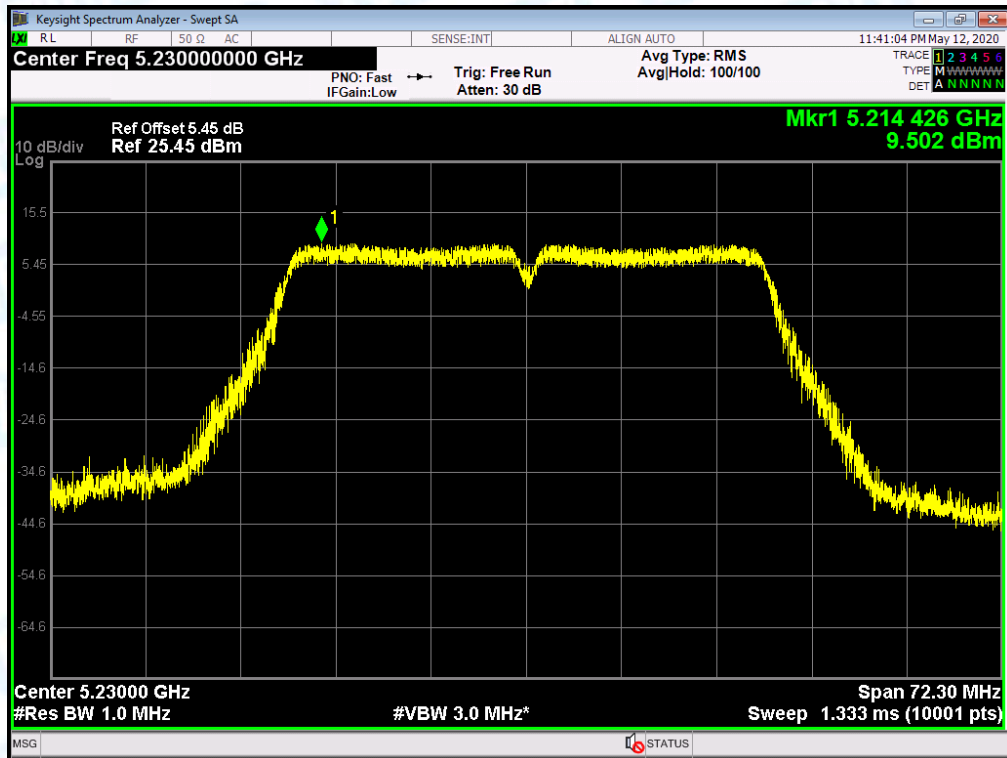
PSD NVNT 802.11n(HT40) 5190MHz Ant.A



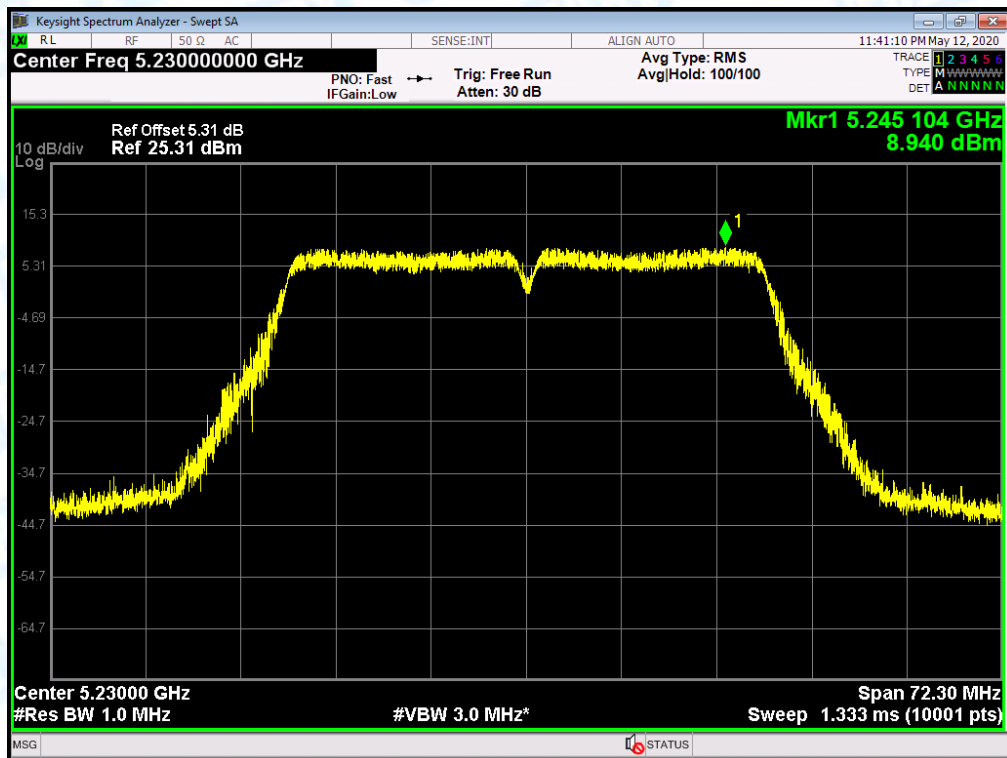
PSD NVNT 802.11n(HT40) 5190MHz Ant.B



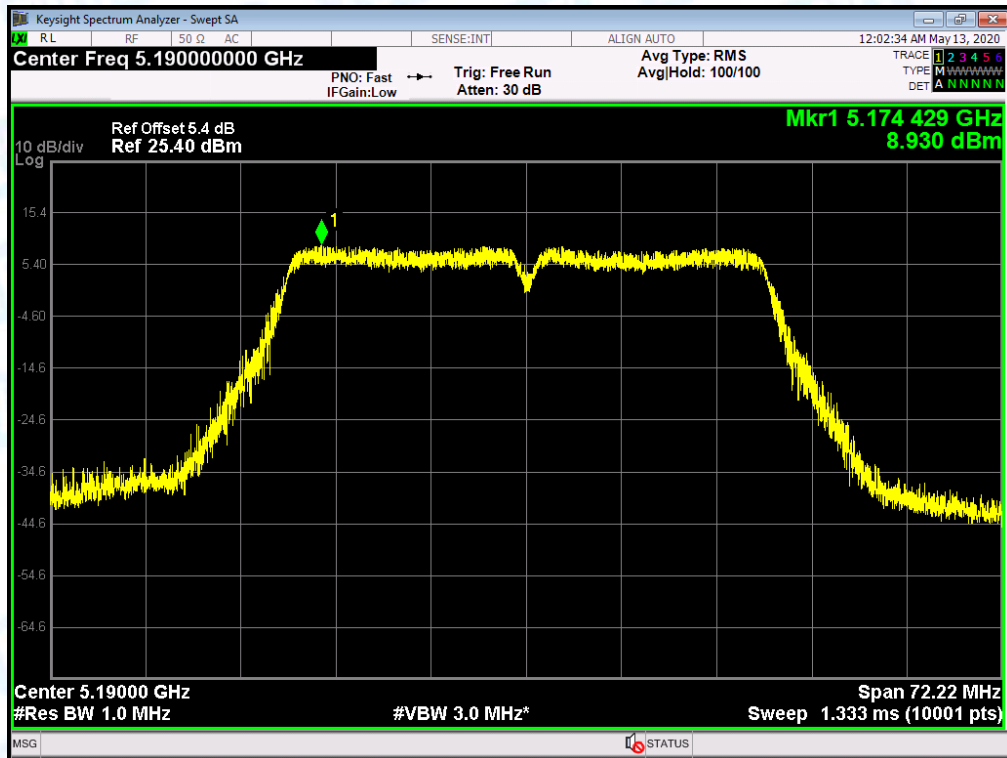
PSD NVNT 802.11n(HT40) 5230MHz Ant.A



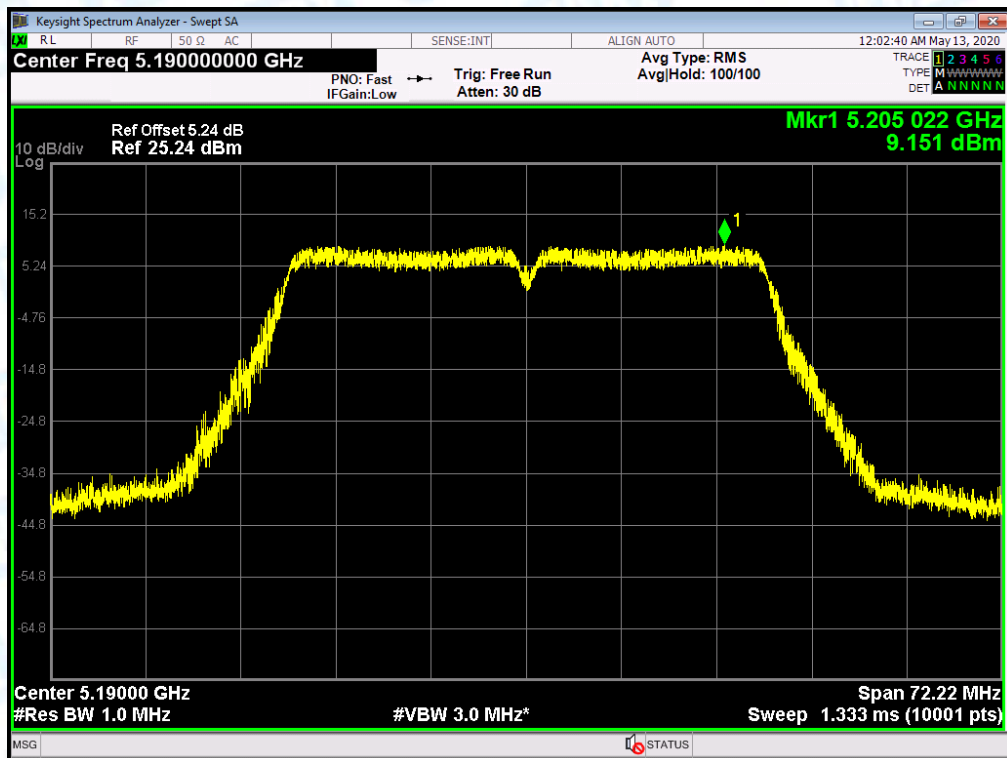
PSD NVNT 802.11n(HT40) 5230MHz Ant.B



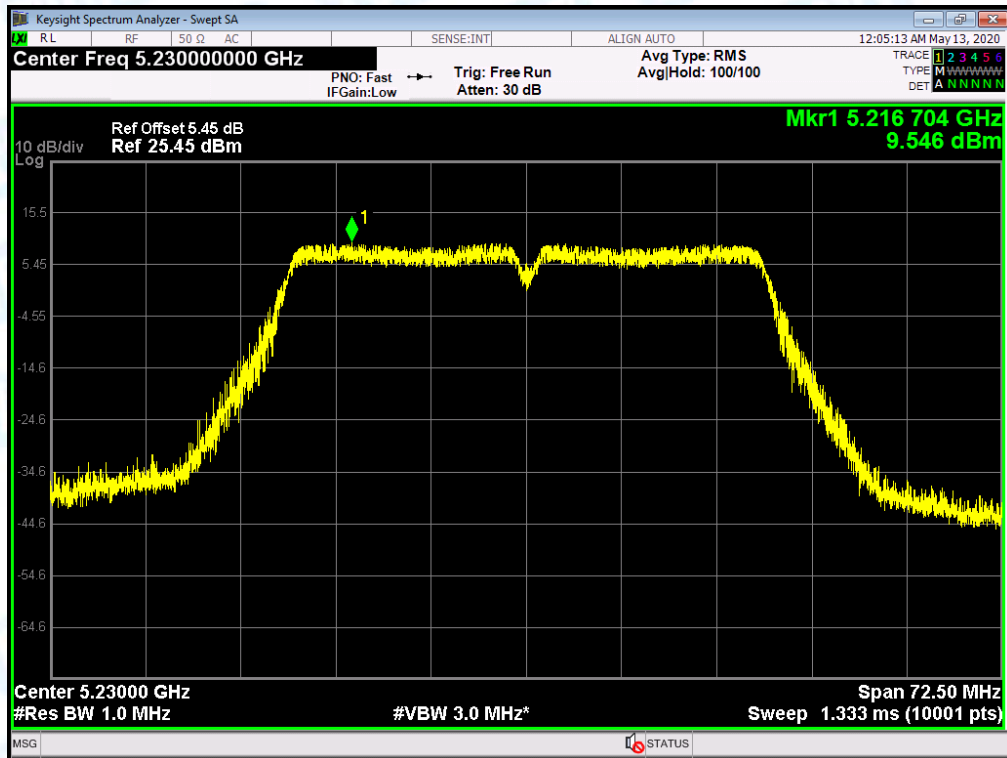
PSD NVNT 802.11 ac(VHT40) 5190MHz Ant.A



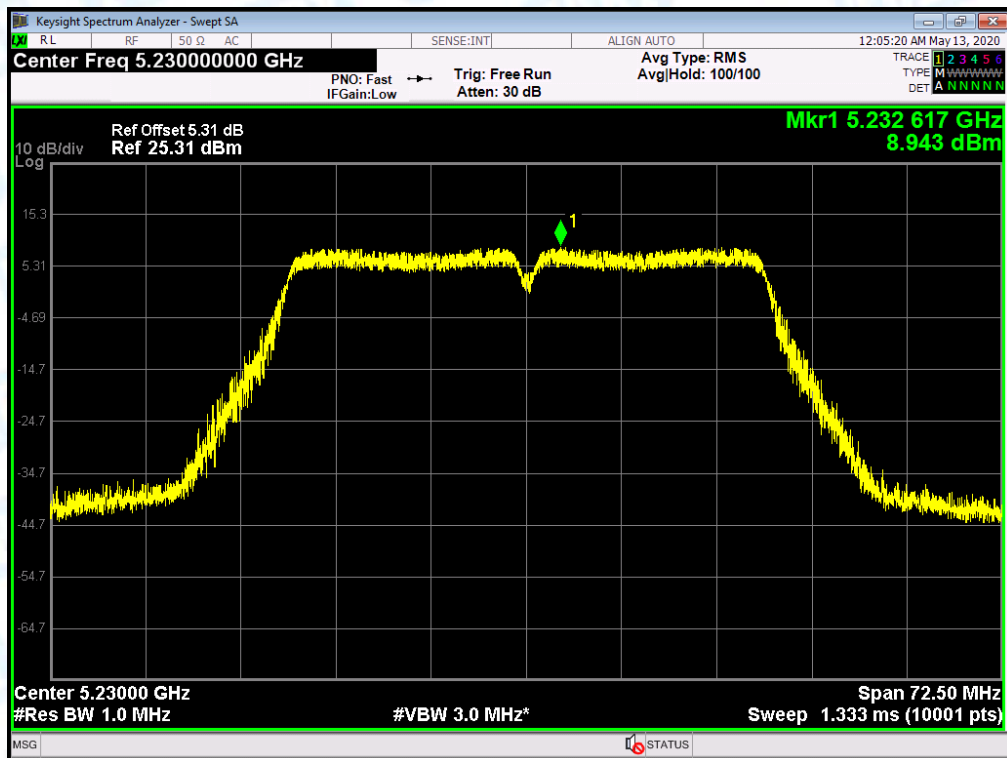
PSD NVNT 802.11 ac(VHT40) 5190MHz Ant.B



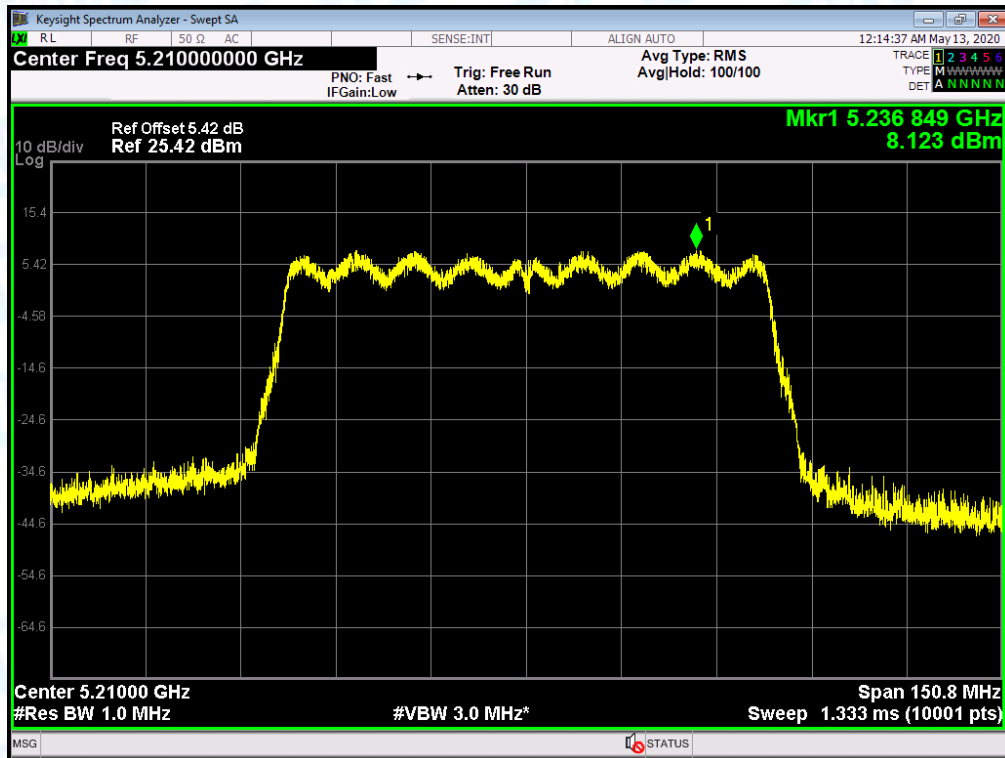
PSD NVNT 802.11 ac(VHT40) 5230MHz Ant.A



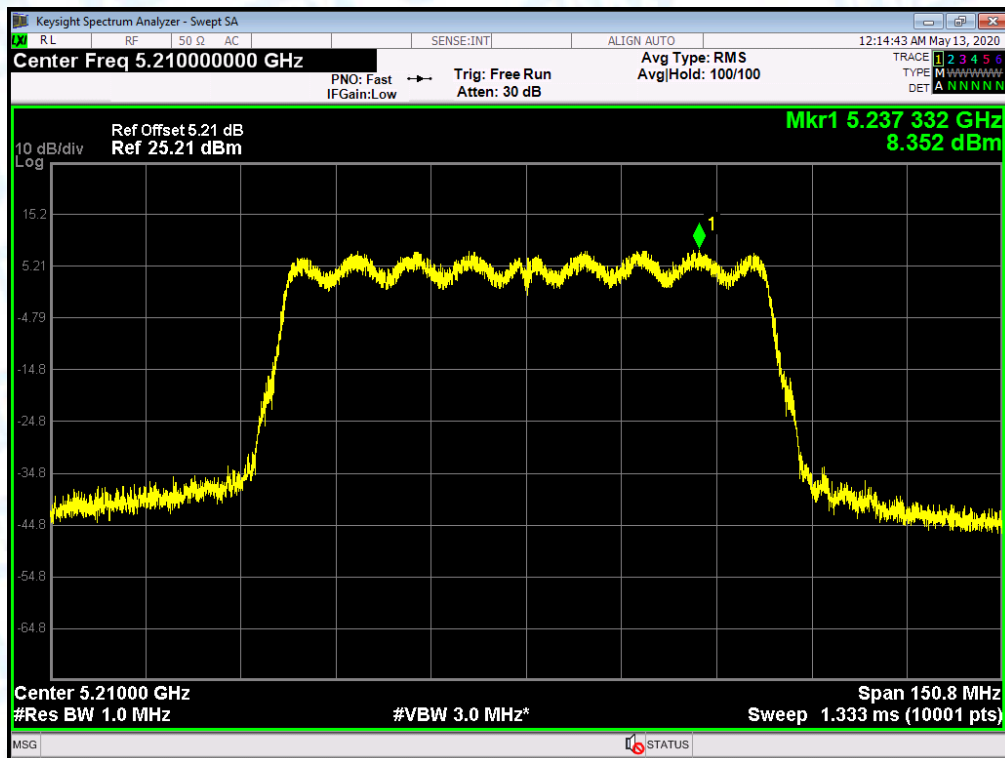
PSD NVNT 802.11 ac(VHT40) 5230MHz Ant.B



PSD NVNT 802.11ac(VHT80) 5210MHz Ant.A

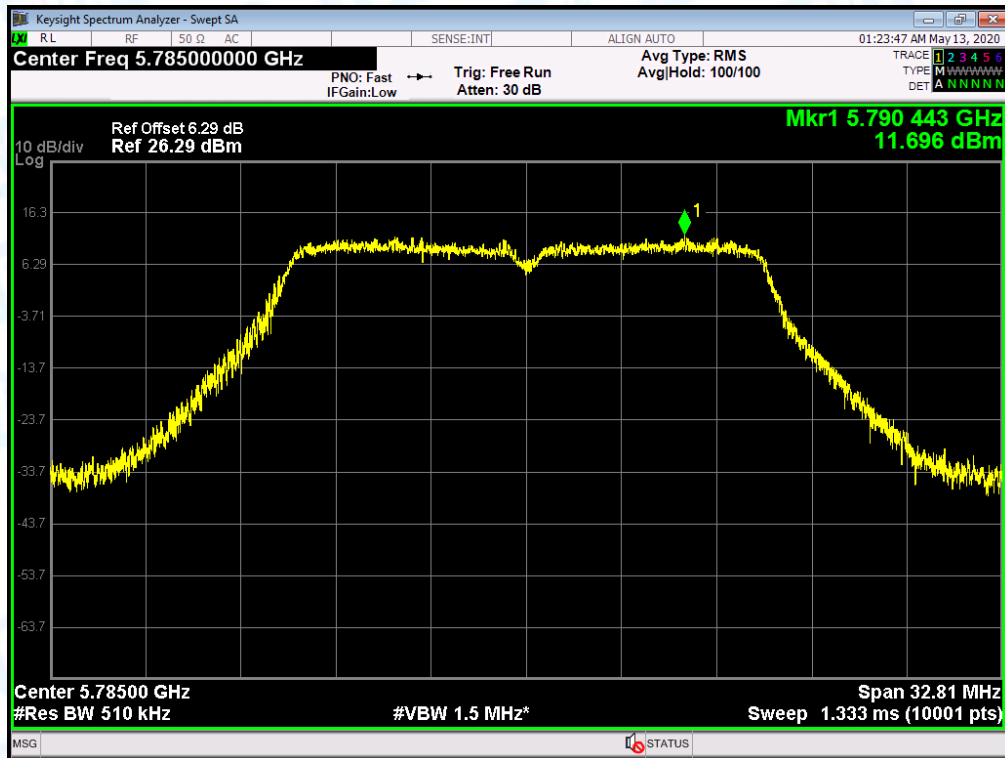


PSD NVNT 802.11ac(VHT80) 5210MHz Ant.B

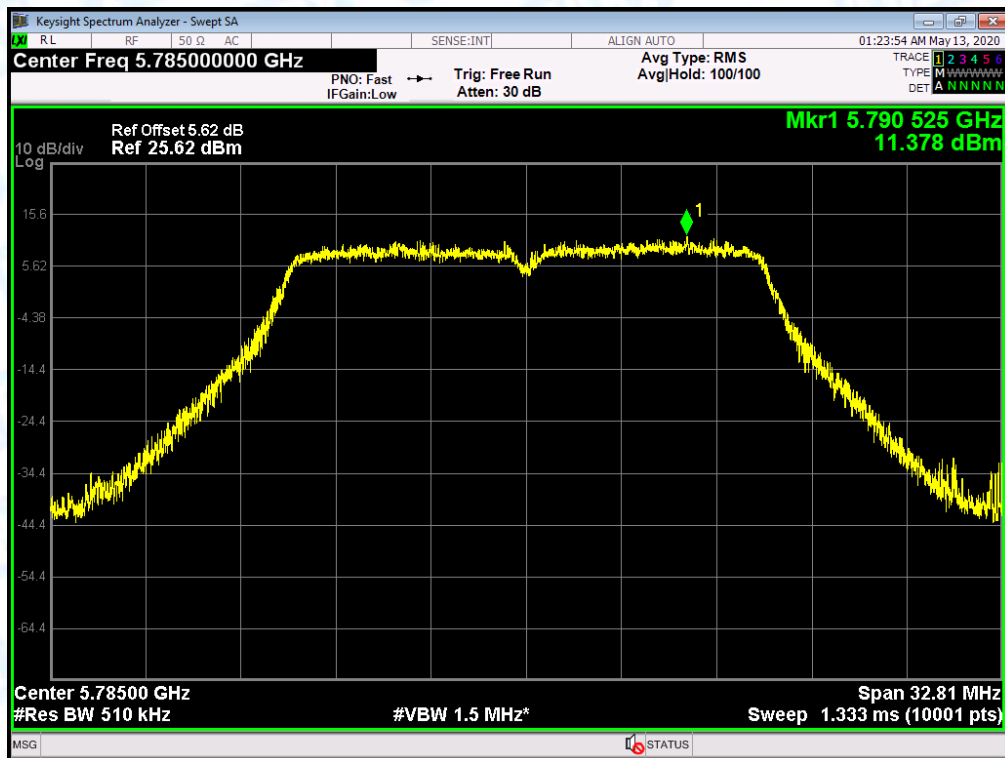


Temperature:	25 °C	Relative Humidity:	55%		
Test Voltage:	AC 120V/60Hz				
U-NII-3					
Test Mode	Frequency (MHz)	Power Density			Limit (dBm/500KHz)
		ANT. A (dBm/500KHz)	ANT. B (dBm/500KHz)	Duty Factor (dB)	
802.11a	5745	10.654	10.966	0	13.823
	5785	11.696	11.378	0	14.550
	5825	11.712	11.990	0	14.864
802.11n (HT20)	5745	10.612	10.282	0	13.460
	5785	11.355	10.605	0	14.006
	5825	10.708	9.844	0	13.308
802.11ac (VHT20)	5745	10.905	11.336	0	14.136
	5785	11.378	11.489	0	14.444
	5825	10.983	11.778	0	14.409
802.11n (HT40)	5755	8.518	8.406	0	11.473
	5795	8.317	7.659	0	11.011
802.11ac(VHT40)	5755	7.477	6.920	0	10.218
	5795	8.561	7.220	0	10.952
802.11ac(VHT80)	5775	5.747	5.123	0	8.456
Result: PASS					
<p>Remark: The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.</p> <p>When ANT. A and ANT. B transmitting simultaneously, so the Directional Gain= Gain_{ANT}+10log(N)dBi =8.01dBi >6dBi.</p> <p>So PSD_{out} = PSD_{limit}-(G_{TX}-6)]= (30-2.01)dBm/500KHz=27.99dBm/500KHz</p>					

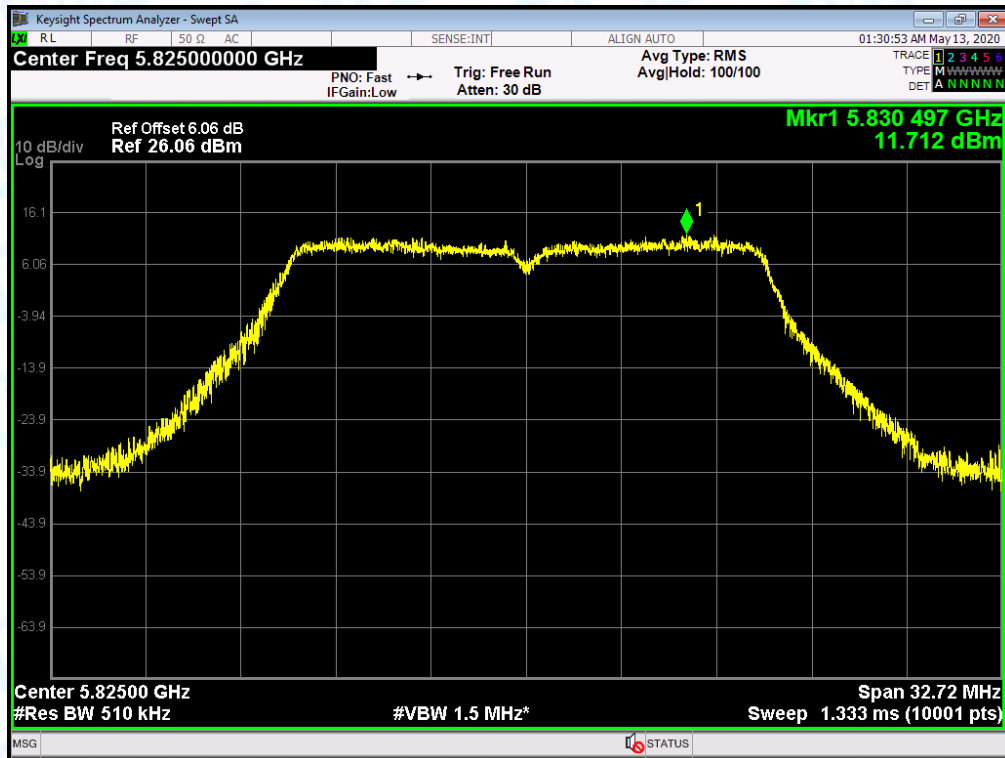
PSD NVNT 802.11a 5785MHz Ant.A



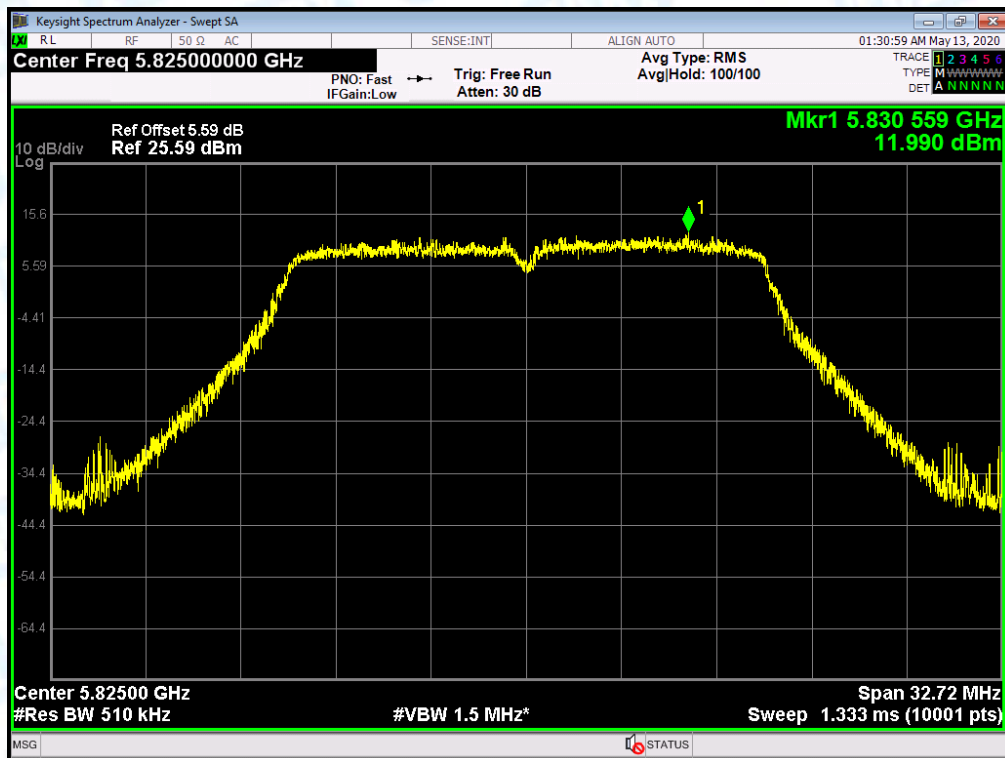
PSD NVNT 802.11a 5785MHz Ant.B



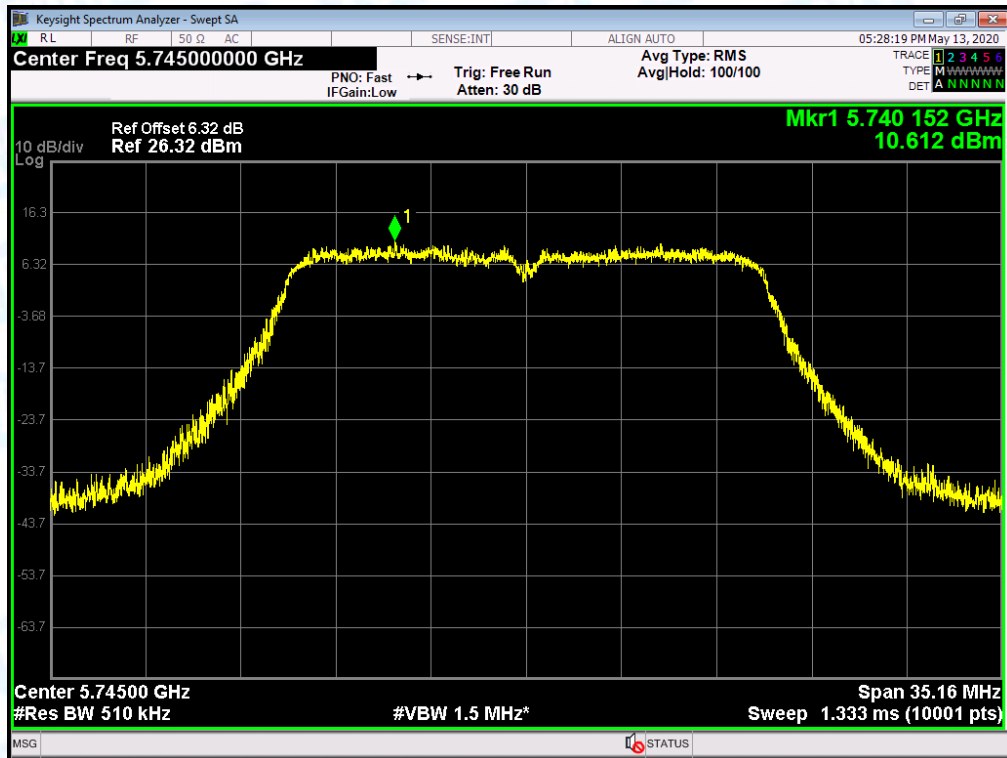
PSD NVNT 802.11a 5825MHz Ant.A



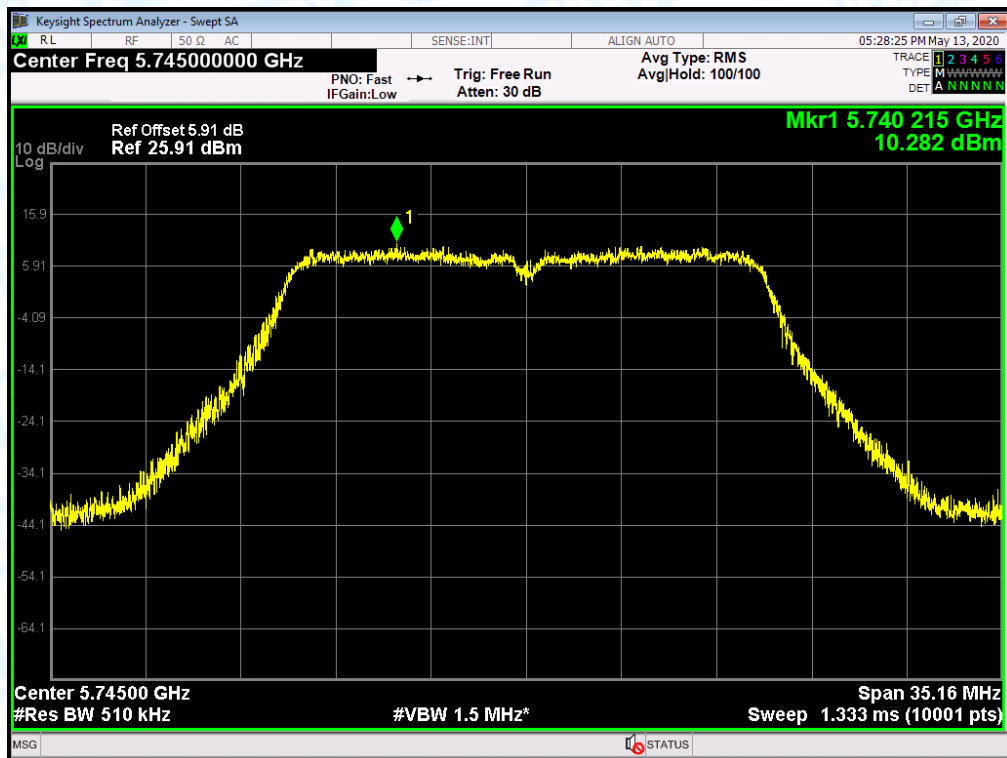
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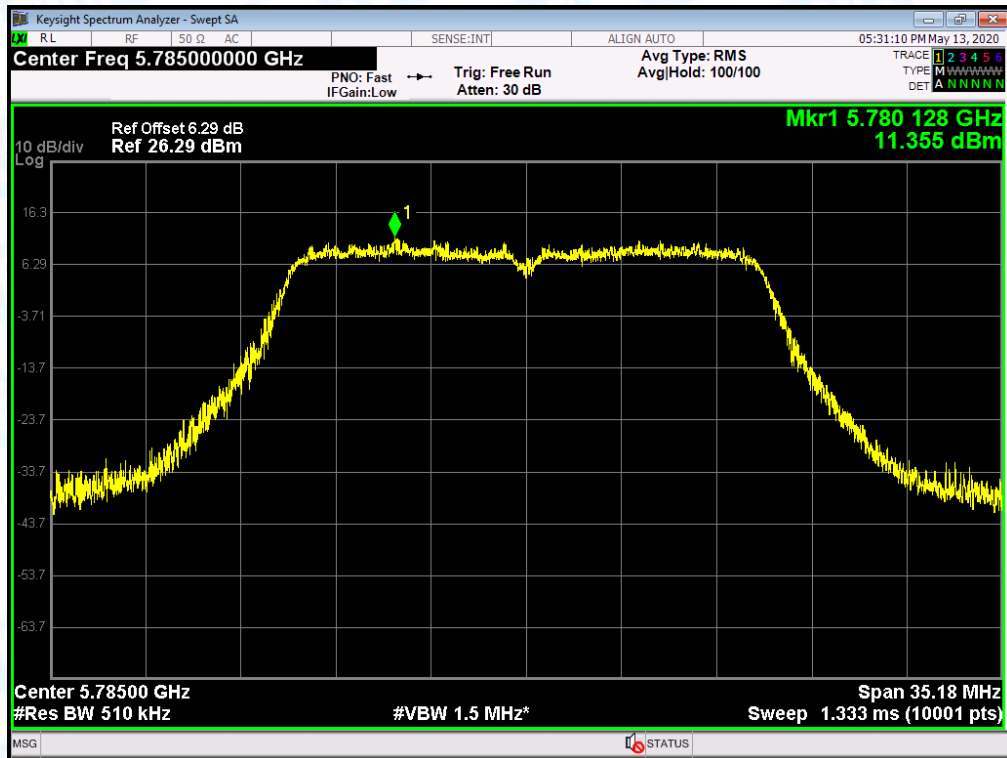
PSD NVNT 802.11n(HT20) 5745MHz Ant.A



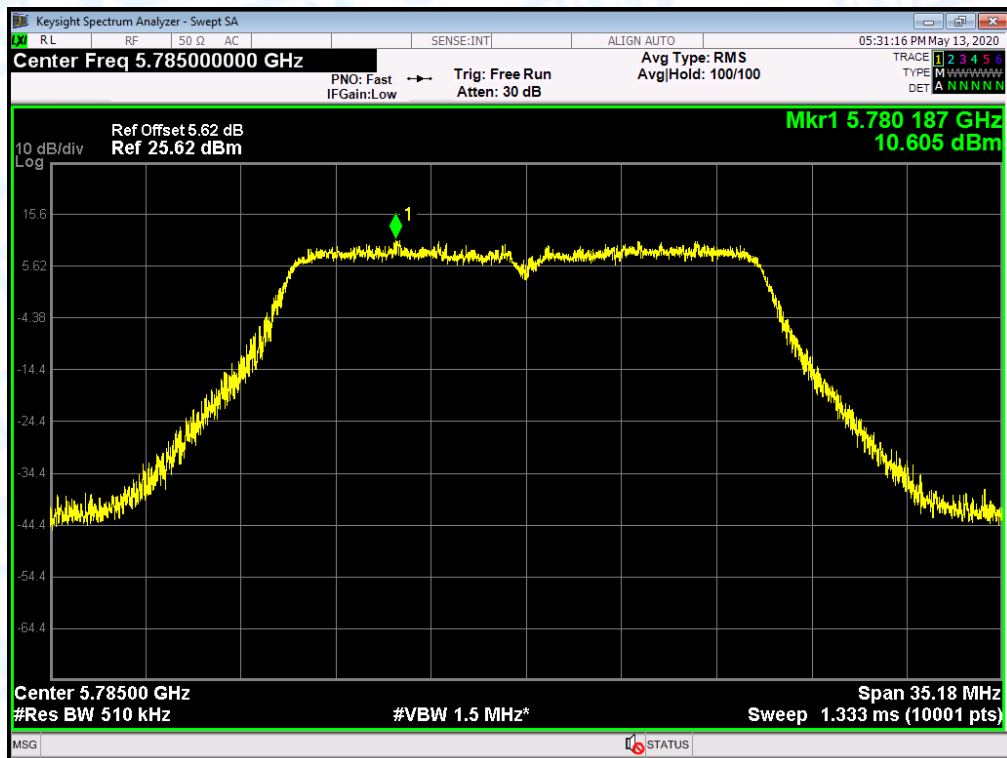
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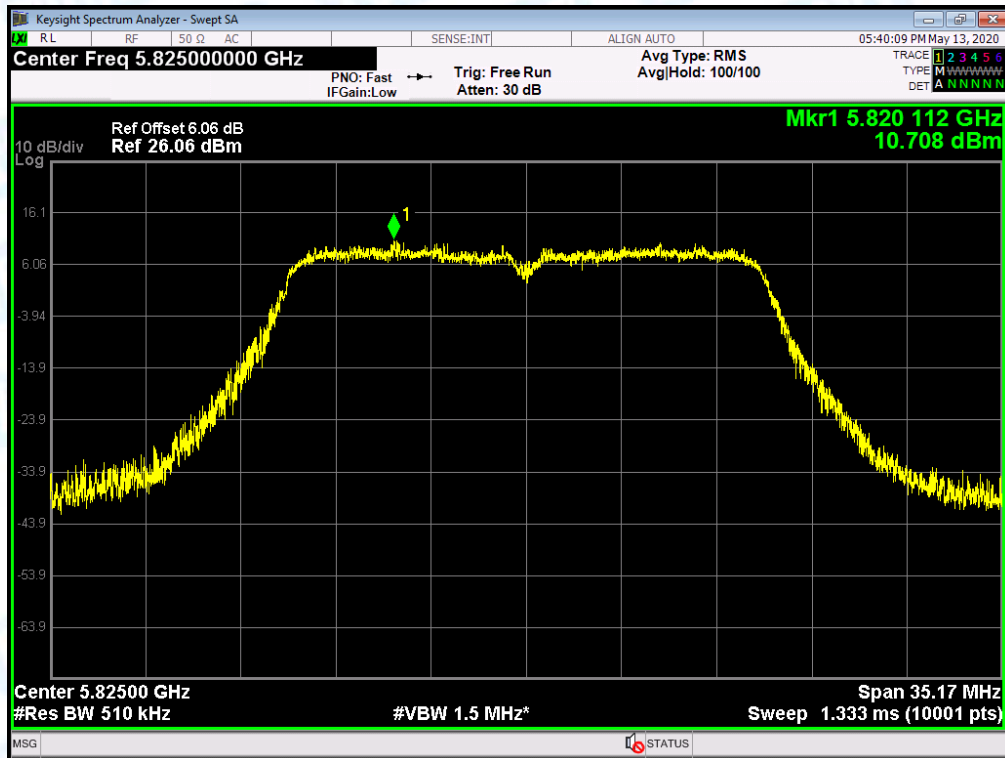
PSD NVNT 802.11n(HT20) 5785MHz Ant.A



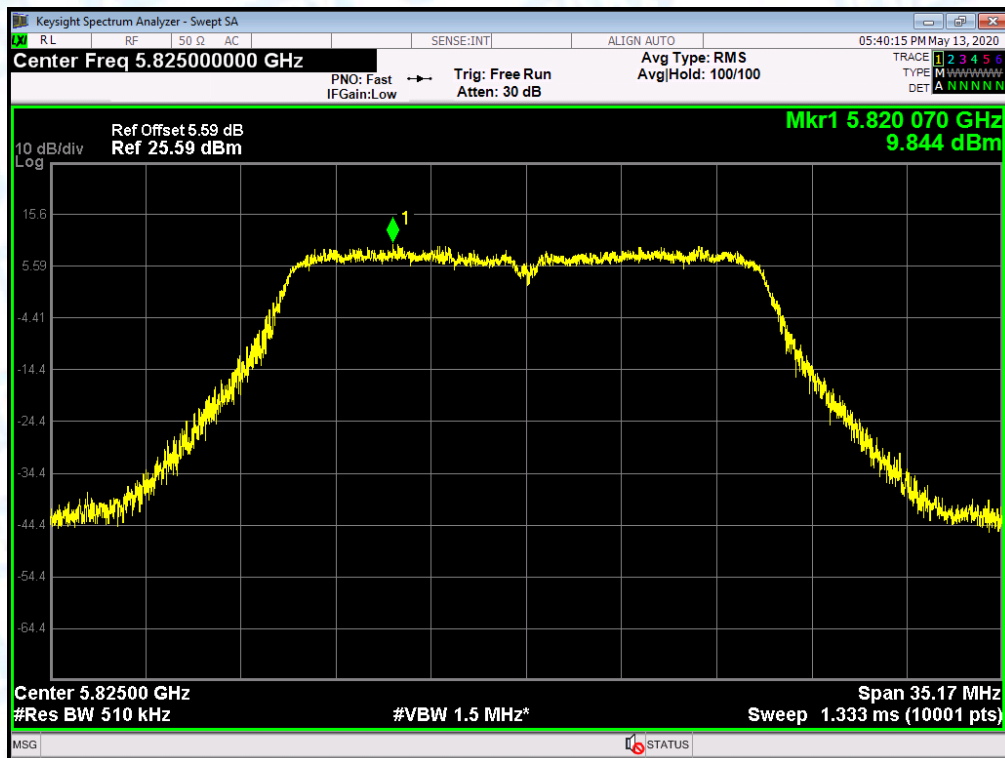
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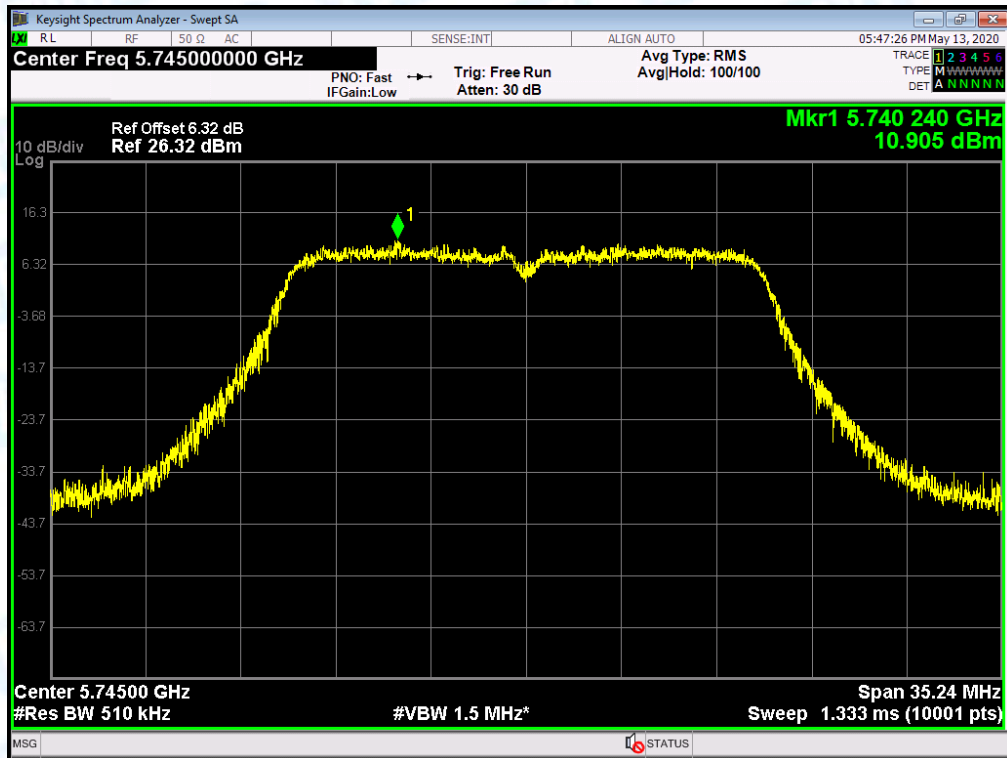
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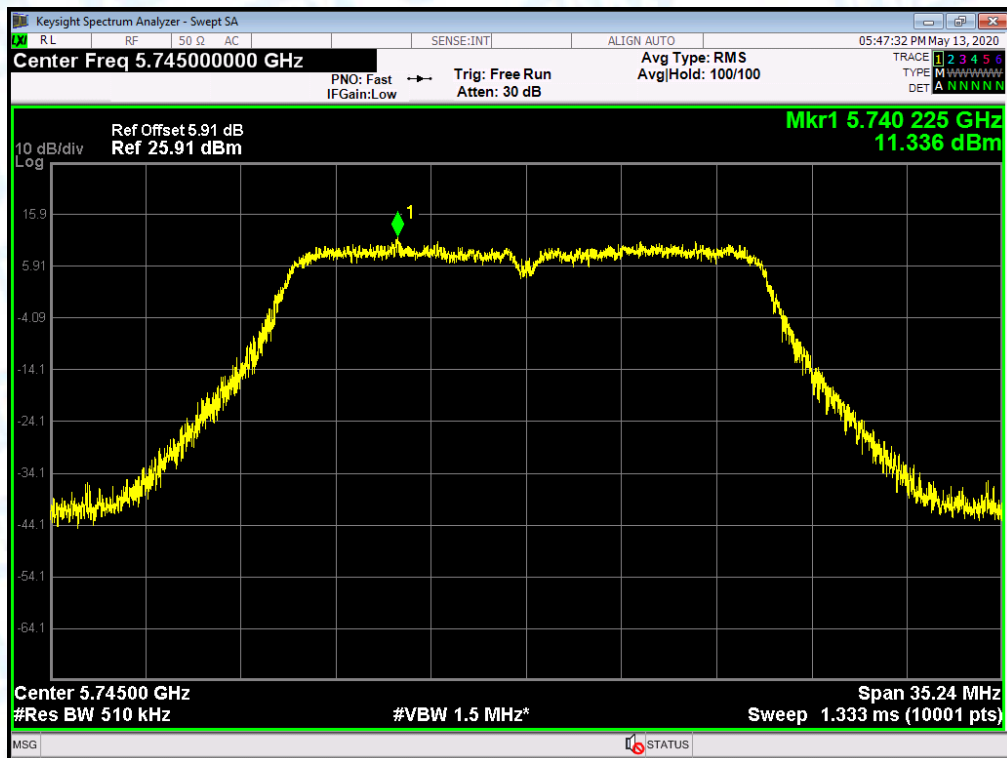
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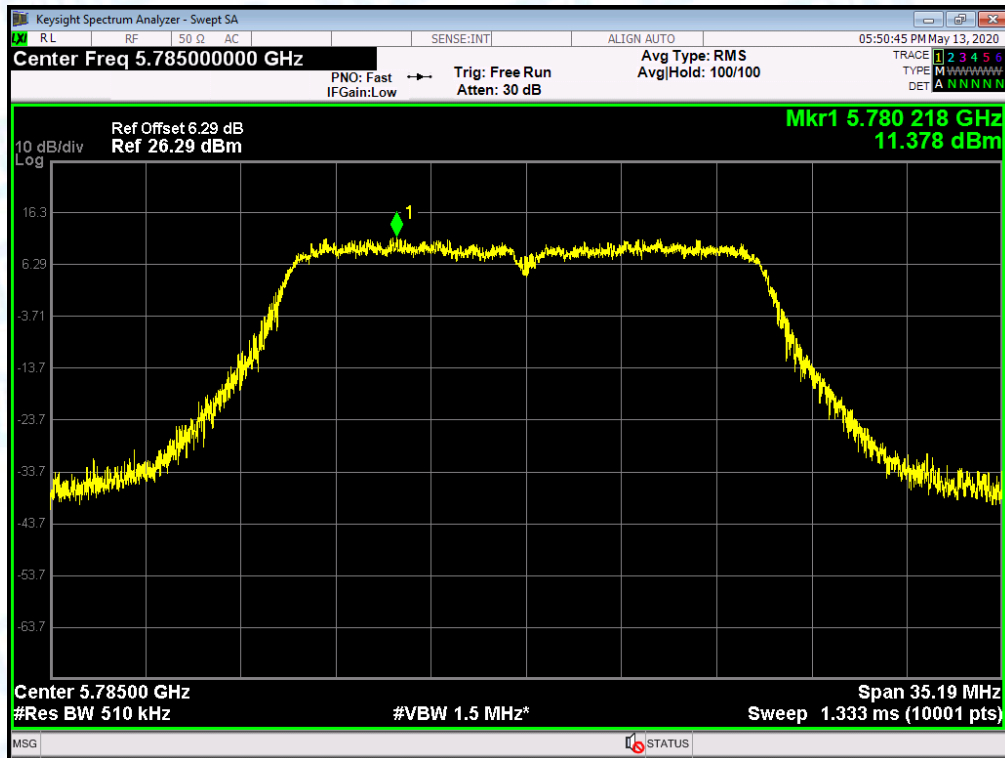
PSD NVNT 802.11 ac(VHT20) 5745MHz Ant.A



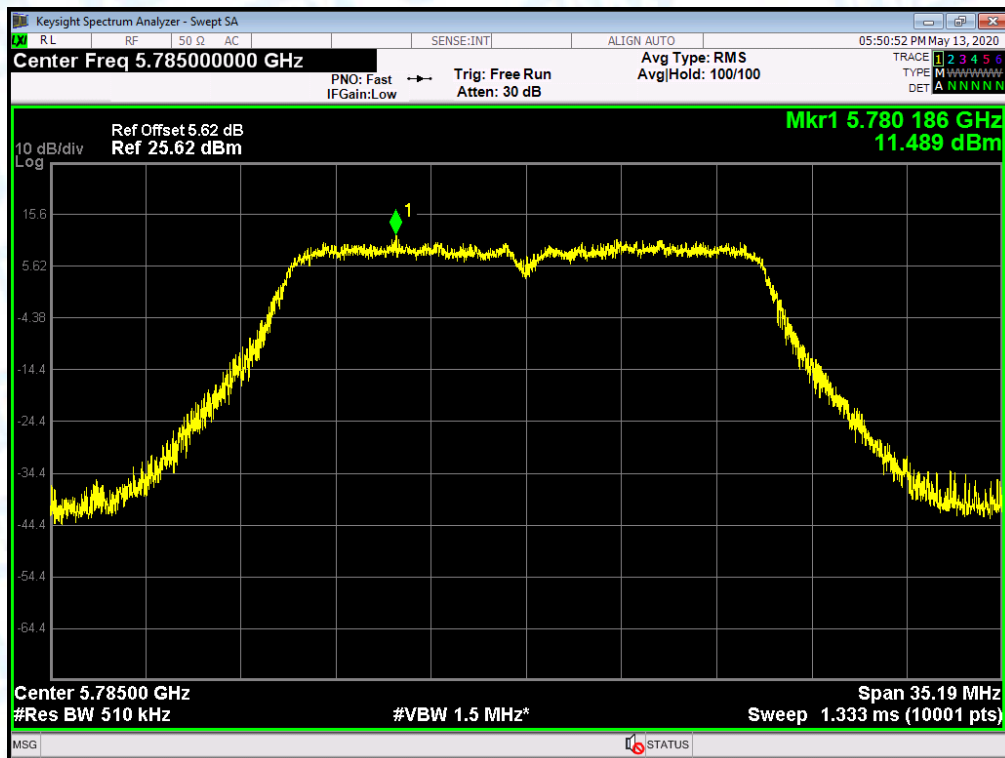
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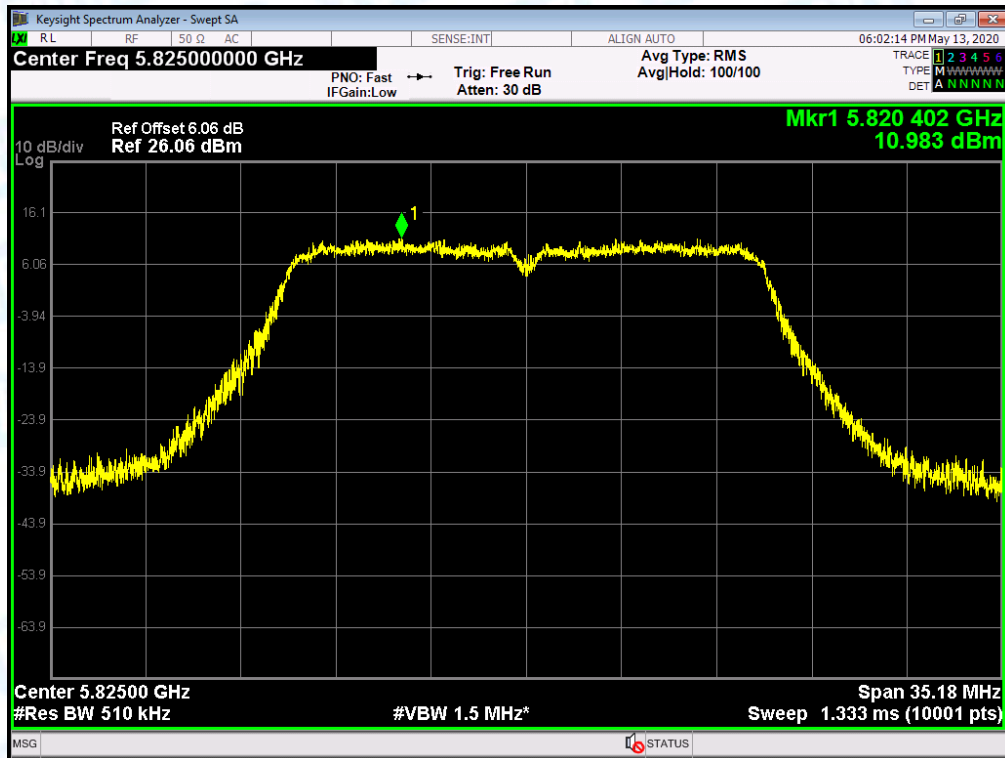
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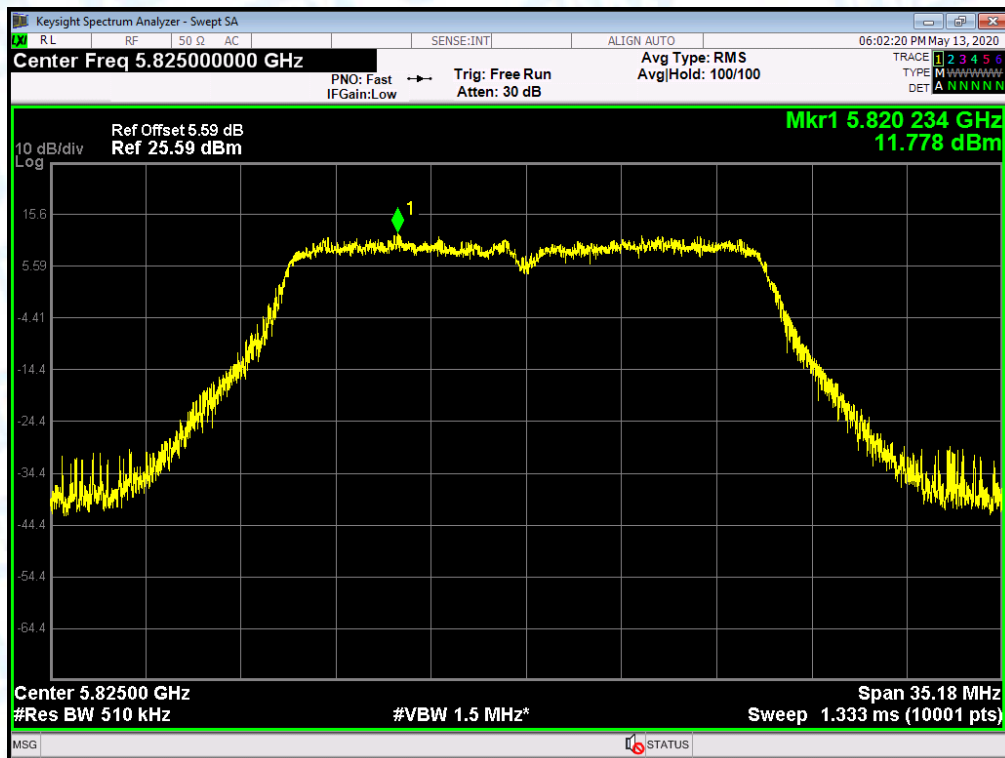
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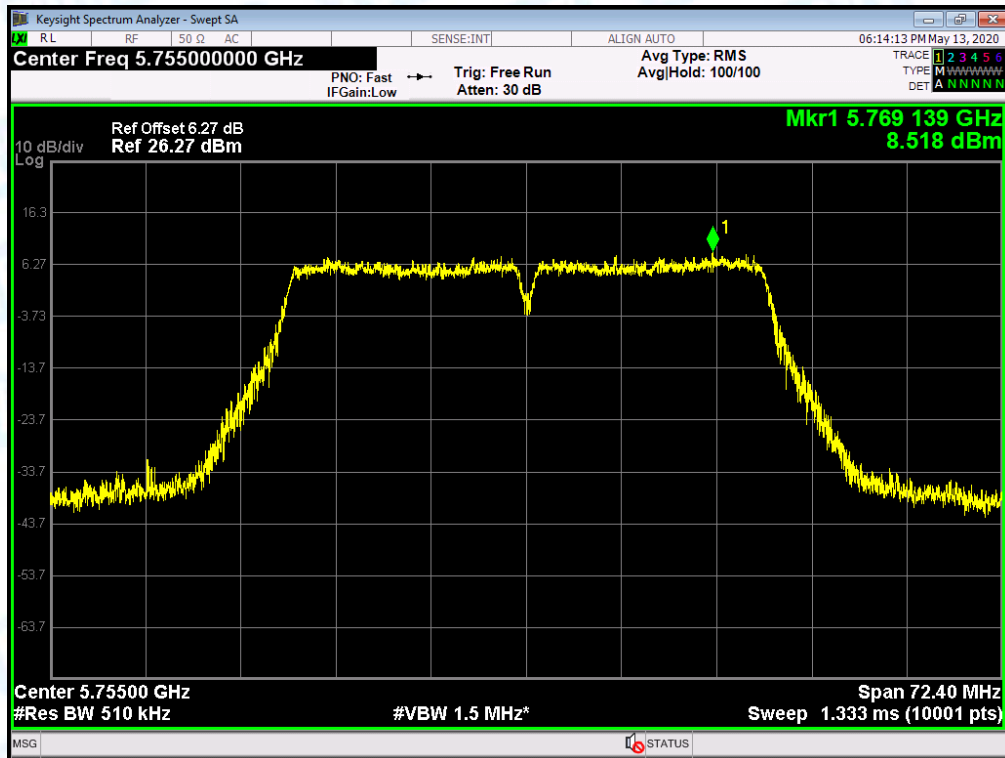
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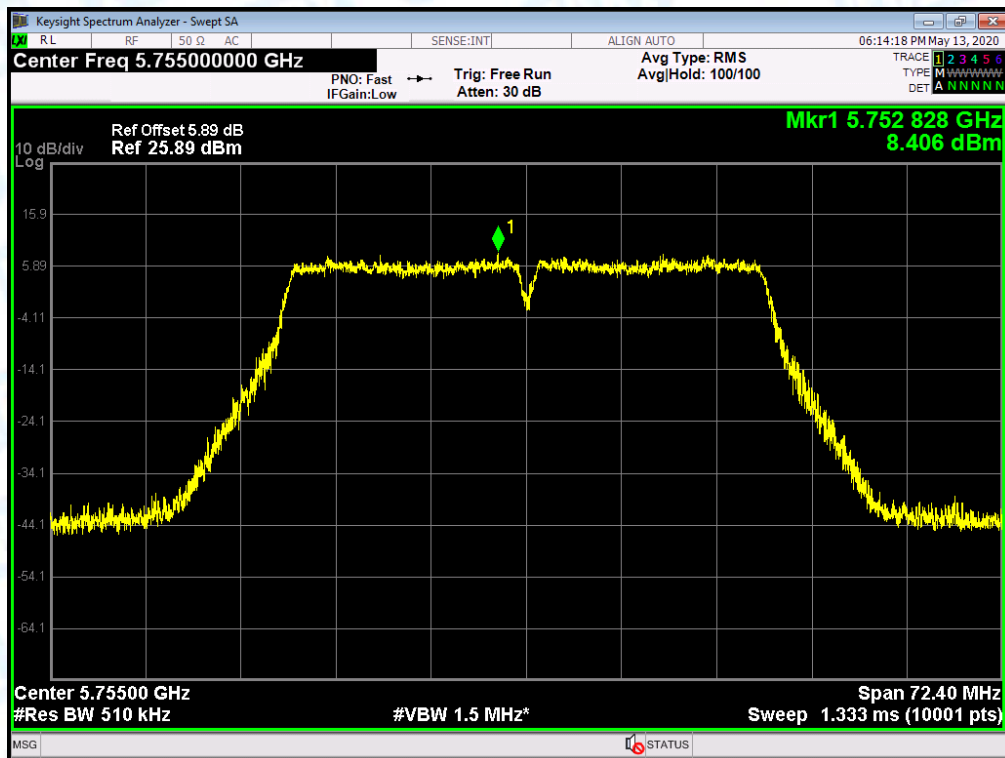
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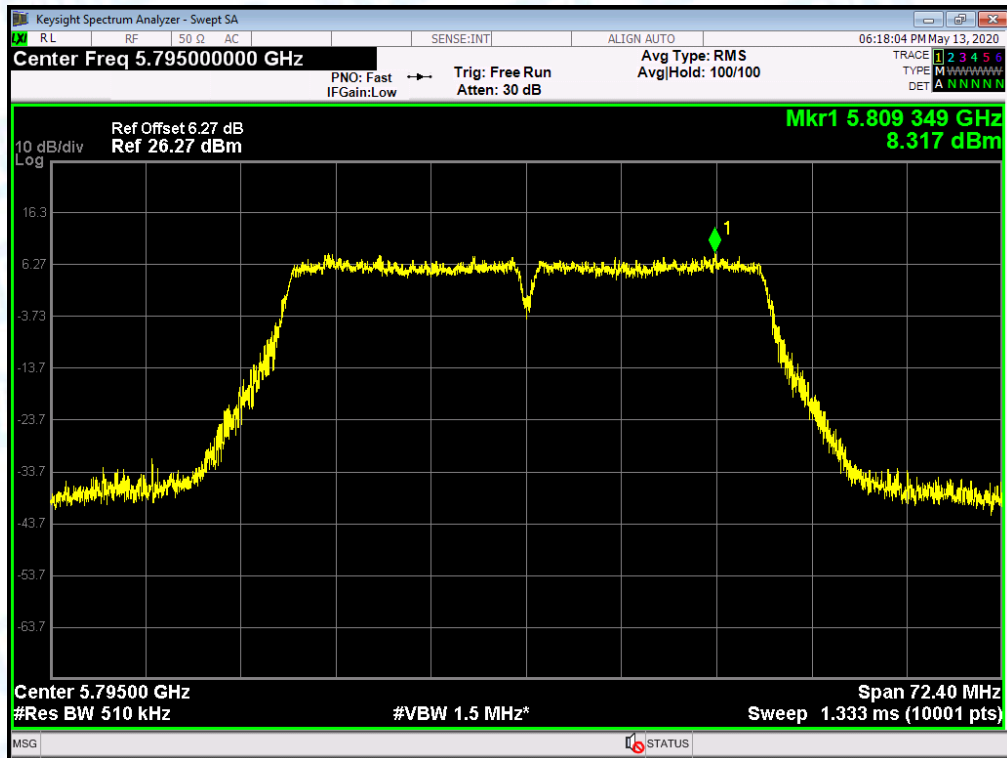
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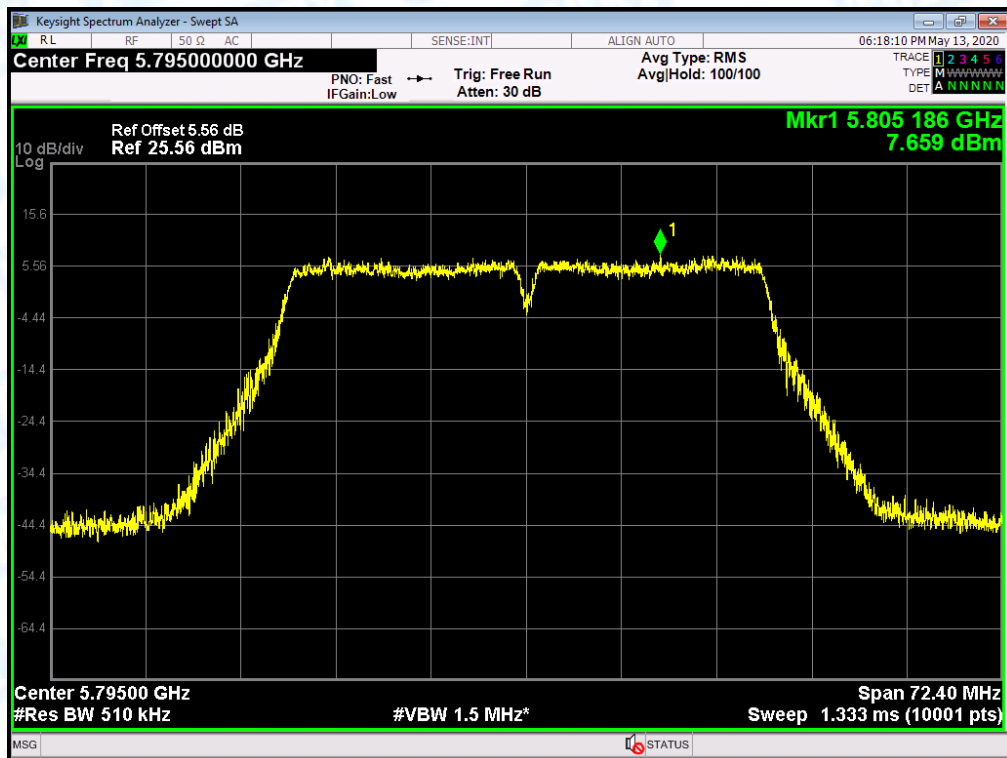
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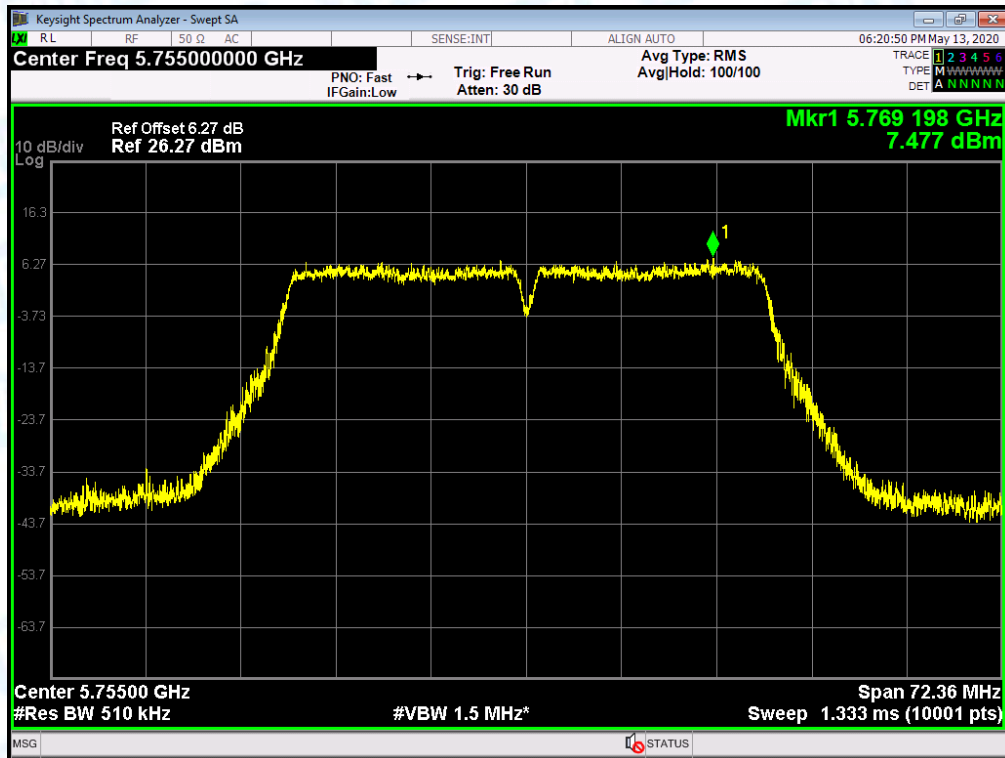
PSD NVNT 802.11n(HT40) 5795MHz Ant.A



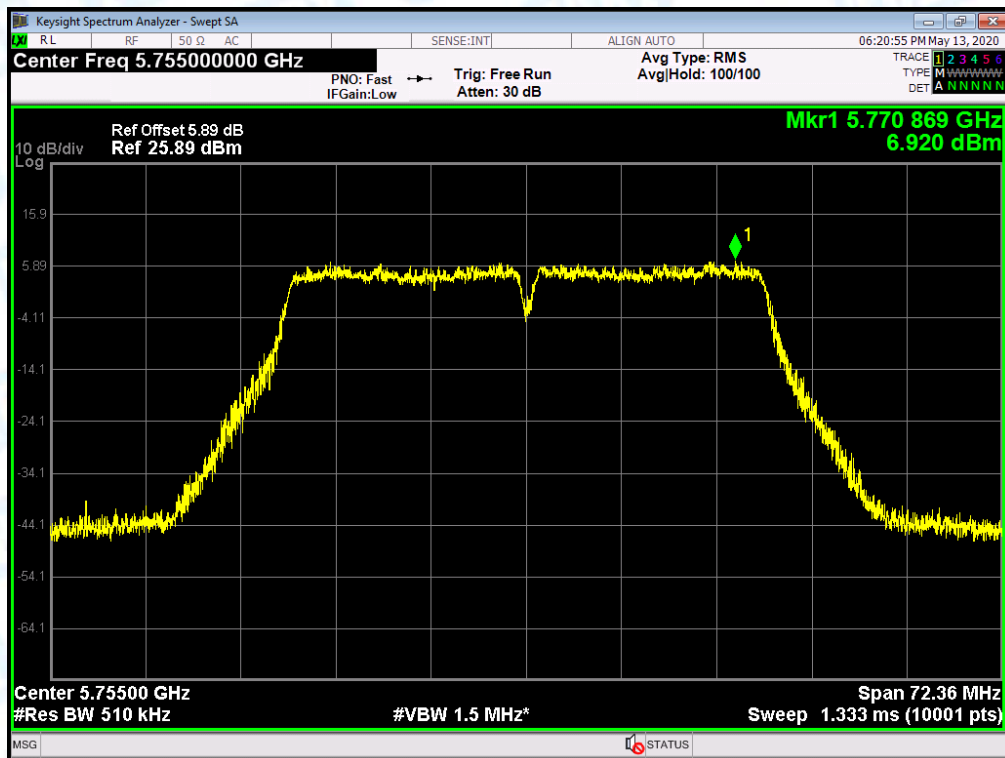
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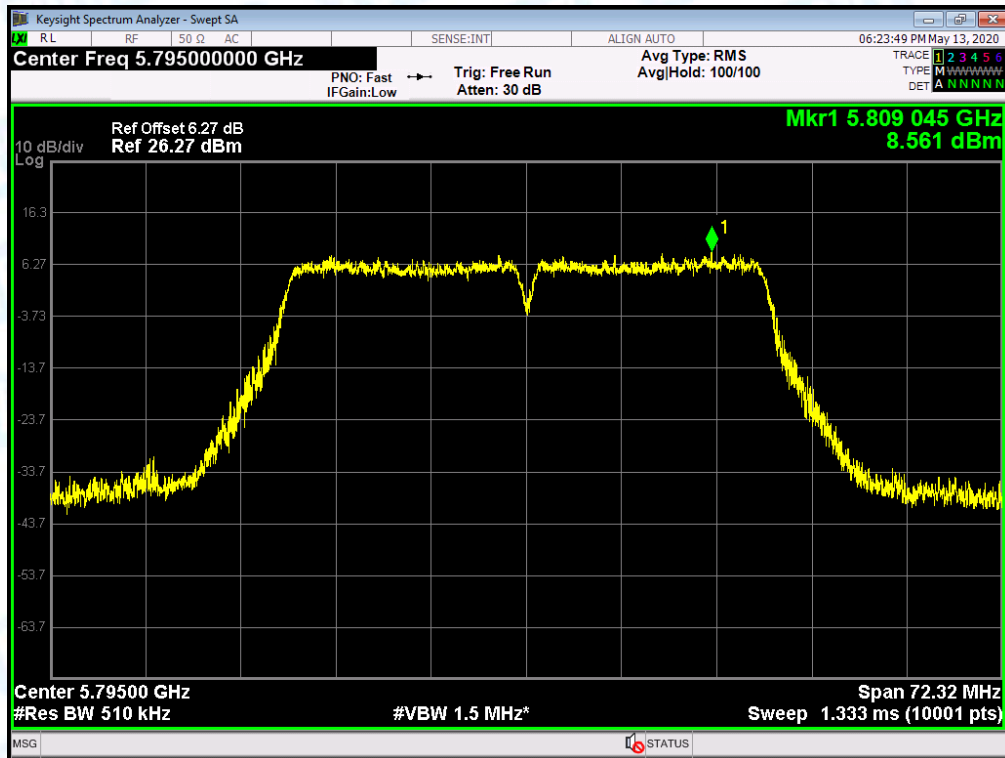
PSD NVNT 802.11 ac(VHT40) 5755MHz Ant.A



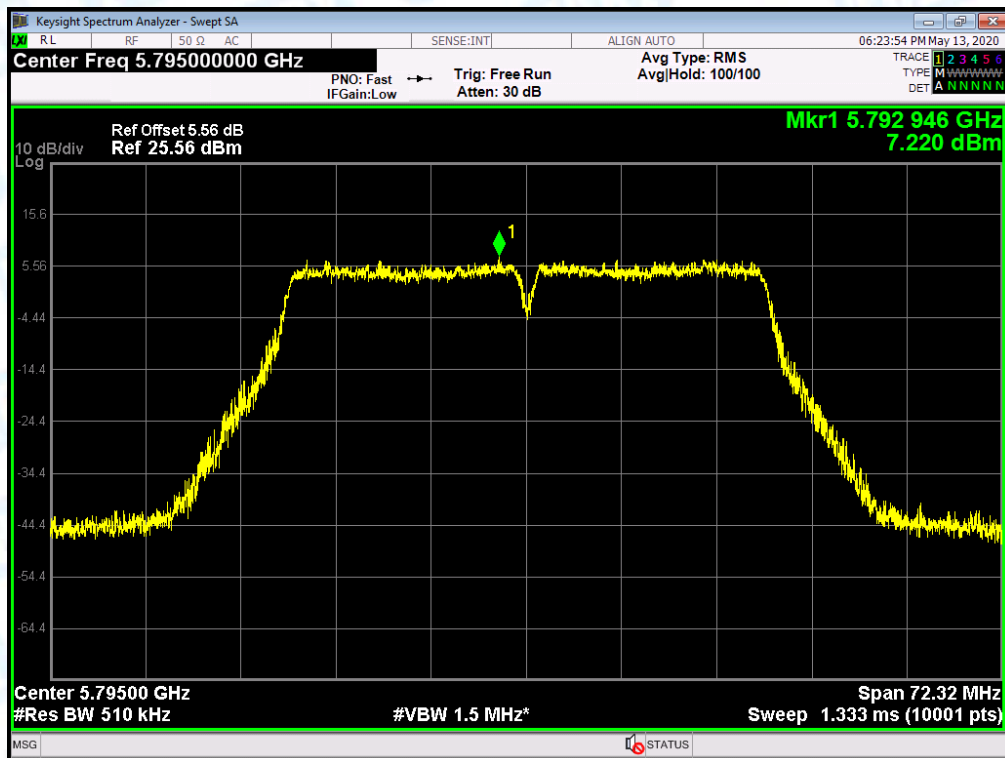
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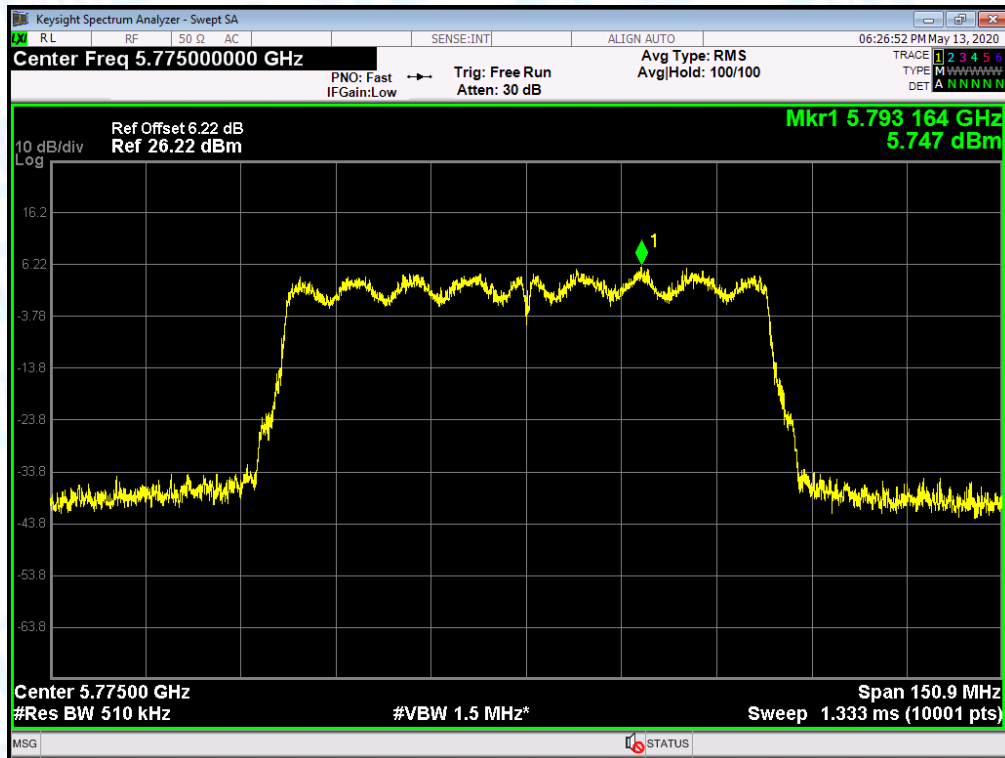
PSD NVNT 802.11 ac(VHT40) 5795MHz Ant.A



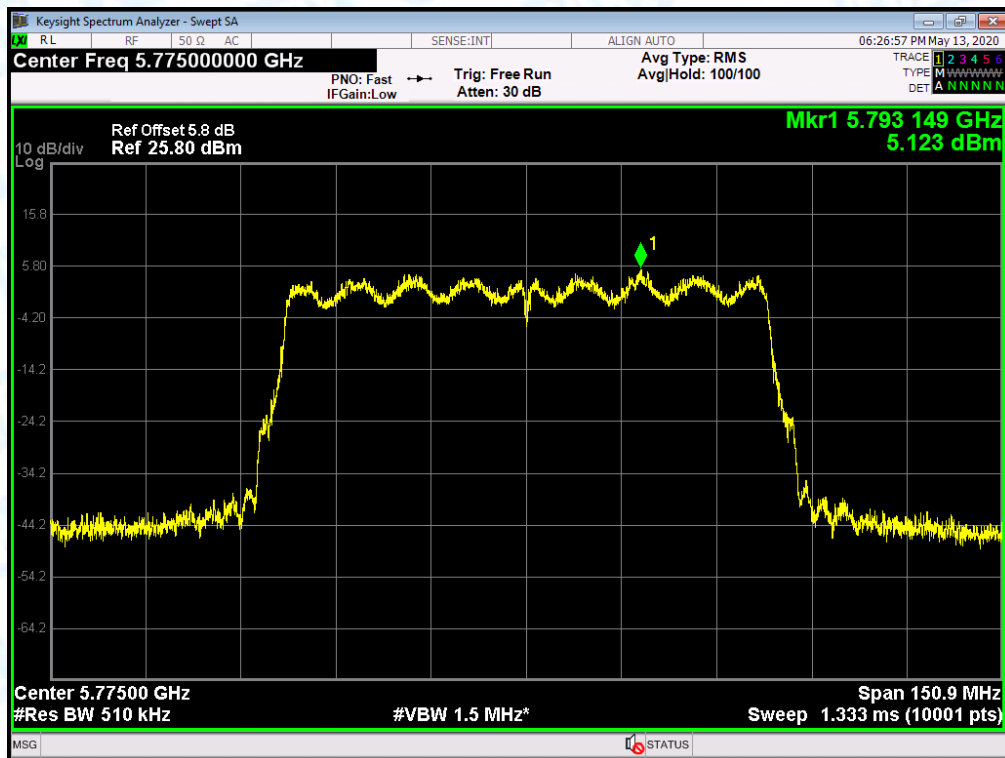
PSD NVNT 802.11 ac(VHT40) 5795MHz Ant.B



PSD NVNT 802.11 ac(VHT80) 5775MHz Ant.A



PSD NVNT 802.11ac(VHT80) 5775MHz Ant.B



Attachment G----Frequency Stability Measurement Data

Only show the worst case 802.11 a Mode 5180MHz.

801.11a U-NII-1: 5180 MHz	
Voltage vs. Frequency Stability	
Voltage (V)	Measurement Frequency (MHz)
132	5180.0500
120	5180.0700
118	5180.0600
Limit Range (MHz)	5150-5250
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5180.0300
10	5180.0400
20	5180.0200
30	5180.0300
40	5180.0700
50	5180.0840
Limit Range (MHz)	5150-5250
Result	PASS

Only show the worst case 802.11 a Mode 5745MHz.

801.11a U-NII-3: 5745 MHz	
Voltage vs. Frequency Stability	
Voltage (V)	Measurement Frequency (MHz)
132	5745.0000
120	5745.0400
118	5744.0600
Limit Range (MHz)	5725-5850
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5745.0300
10	5745.0000
20	5745.0100
30	5745.0600
40	5745.0400
50	5745.0500
Limit Range (MHz)	5725-5850
Result	PASS

-----END OF REPORT-----