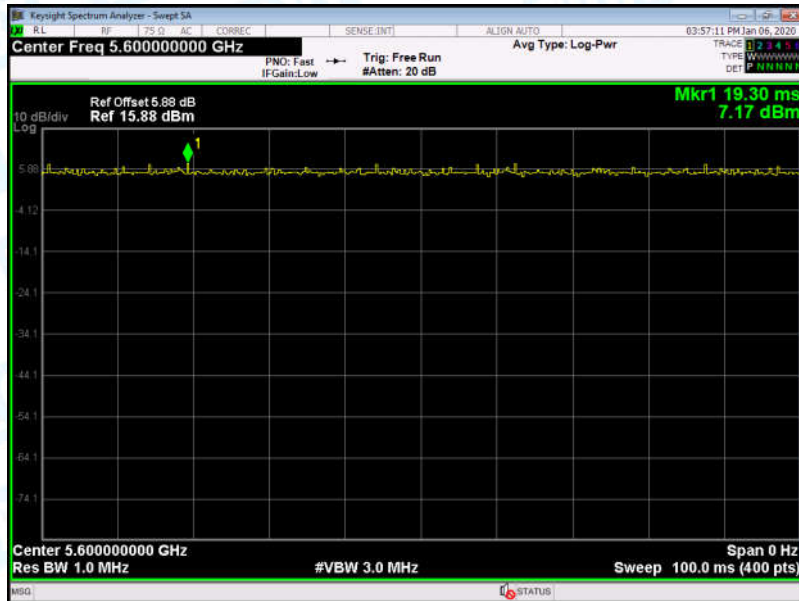
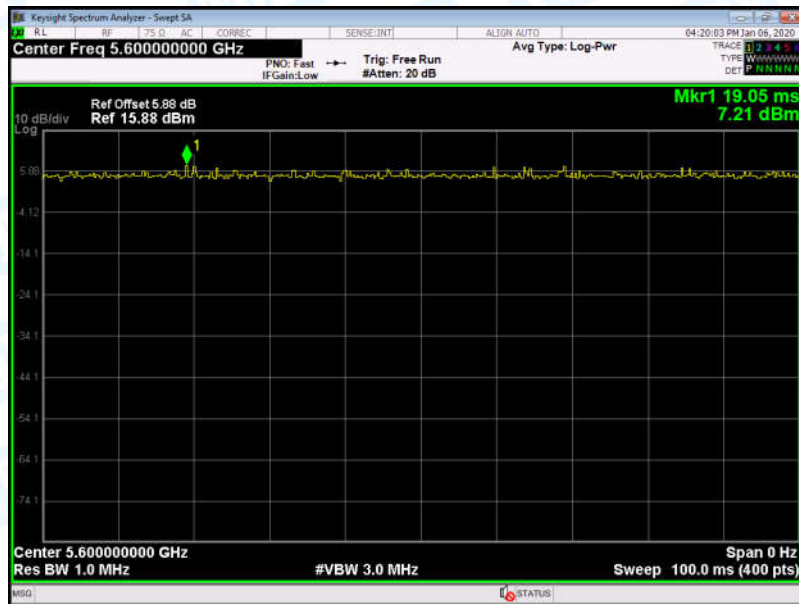


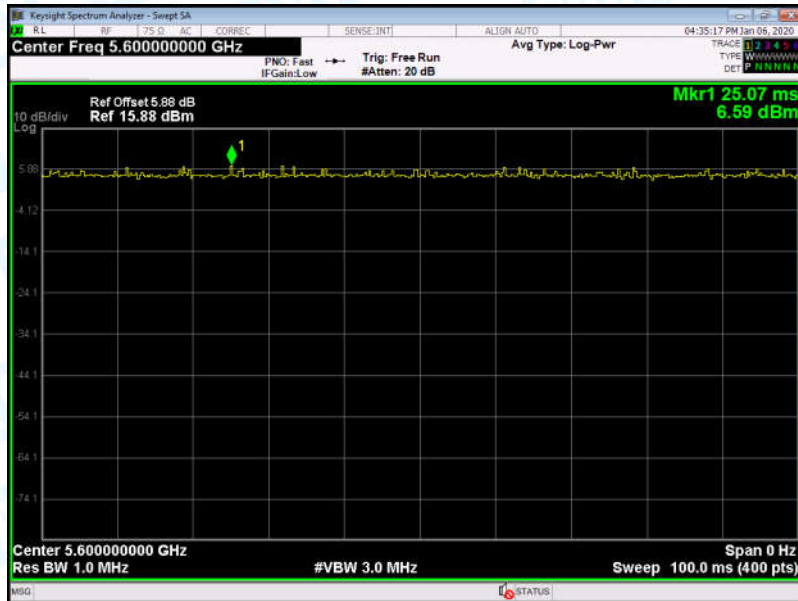
802.11 a 5600MHz U-NII-2C



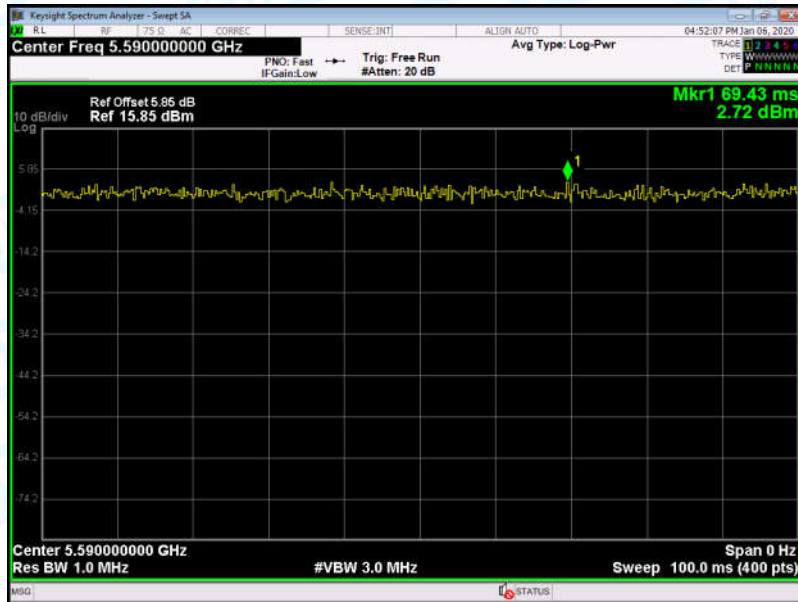
802.11 n(HT20) 5600MHz U-NII-2C



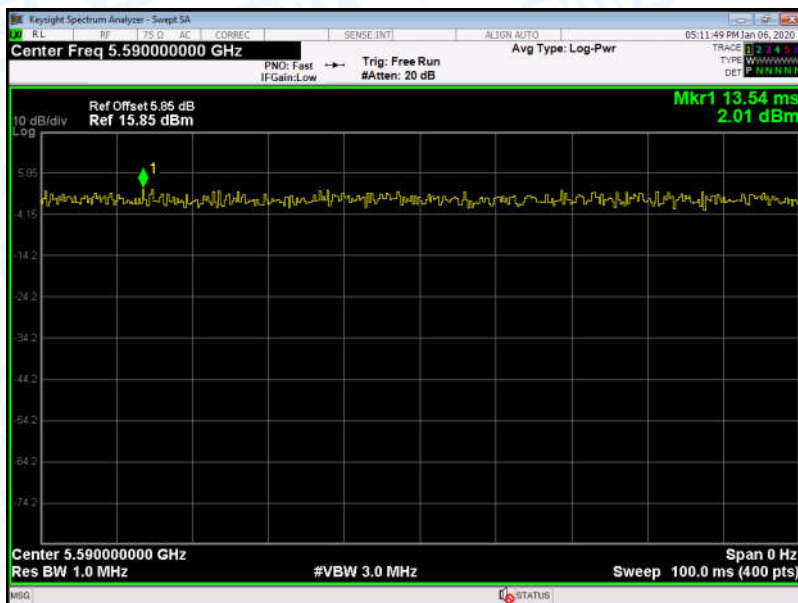
802.11 ac(HT20) 5600MHz U-NII-2C



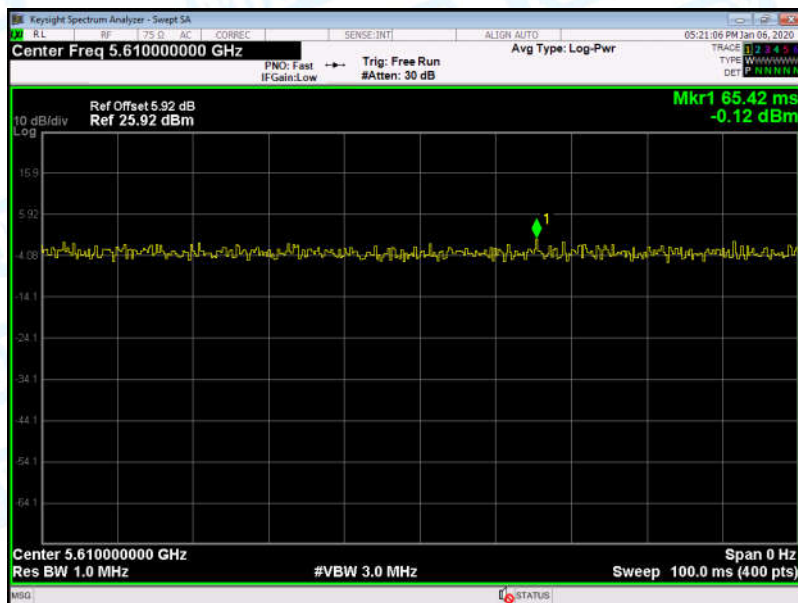
802.11 n(HT40) 5590MHz U-NII-2C



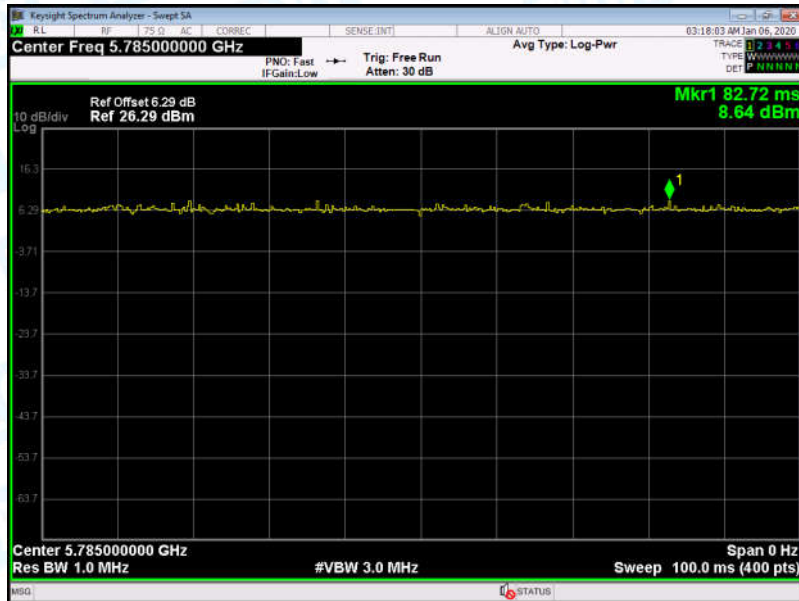
802.11 ac(HT40) 5590MHz U-NII-2C



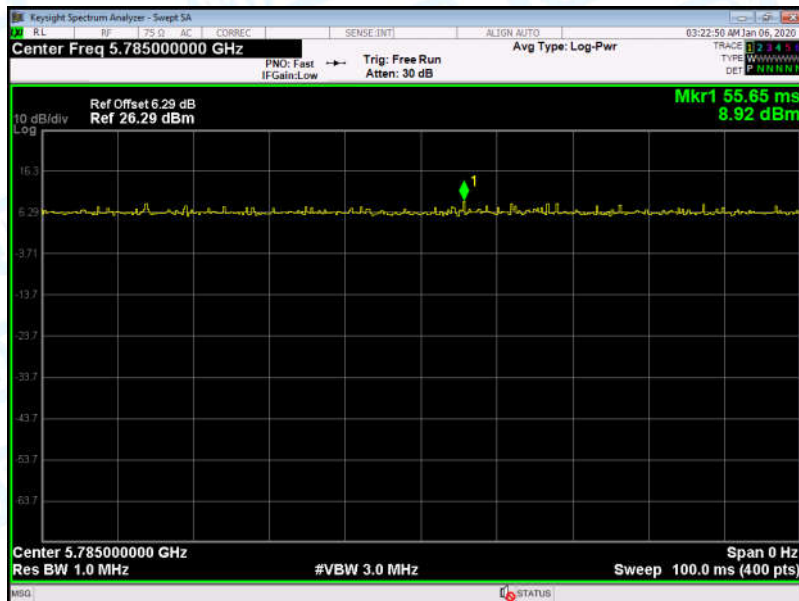
802.11 ac(HT80) 5610MHz U-NII-2C



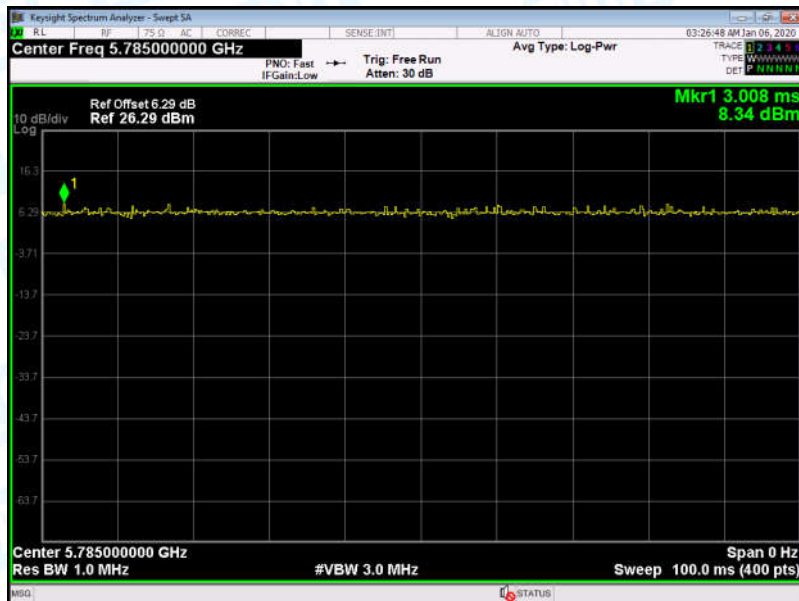
802.11 a 5785MHz U-NII-3



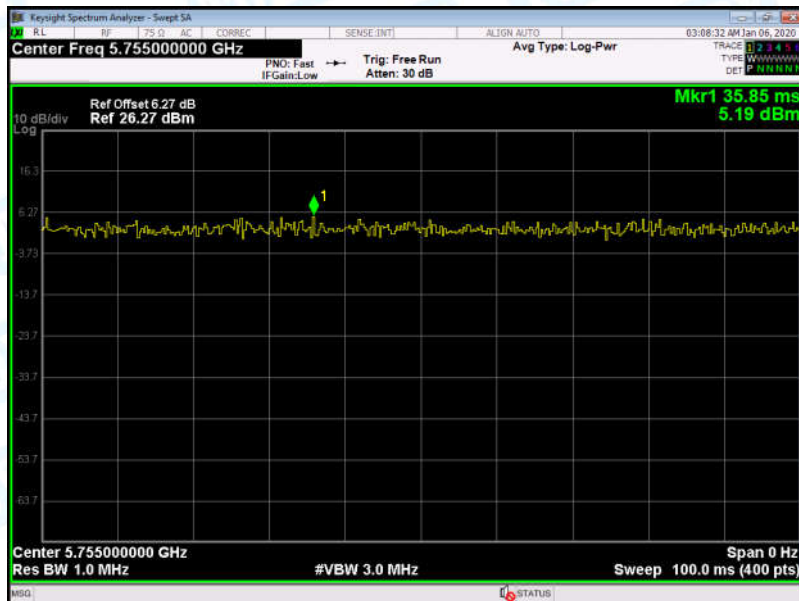
802.11 n(HT20) 5785MHz U-NII-3



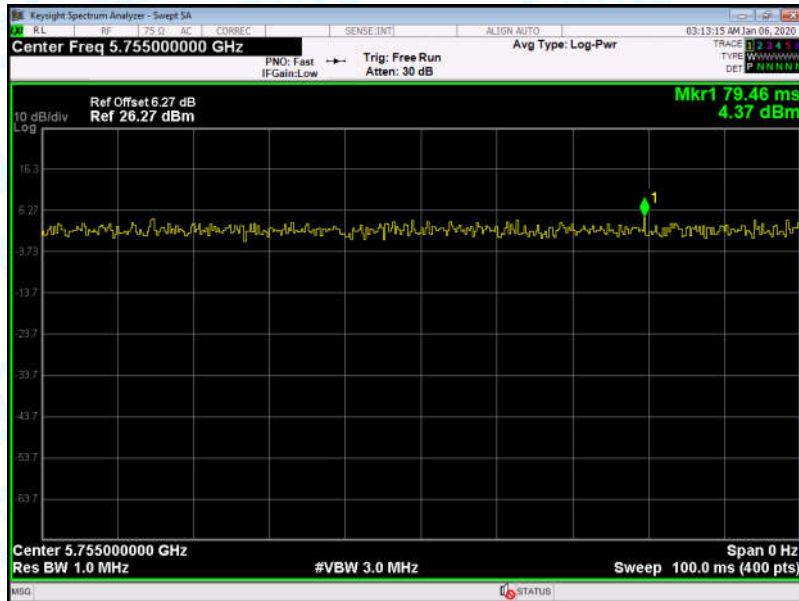
802.11 ac(VHT20) 5785MHz U-NII-3



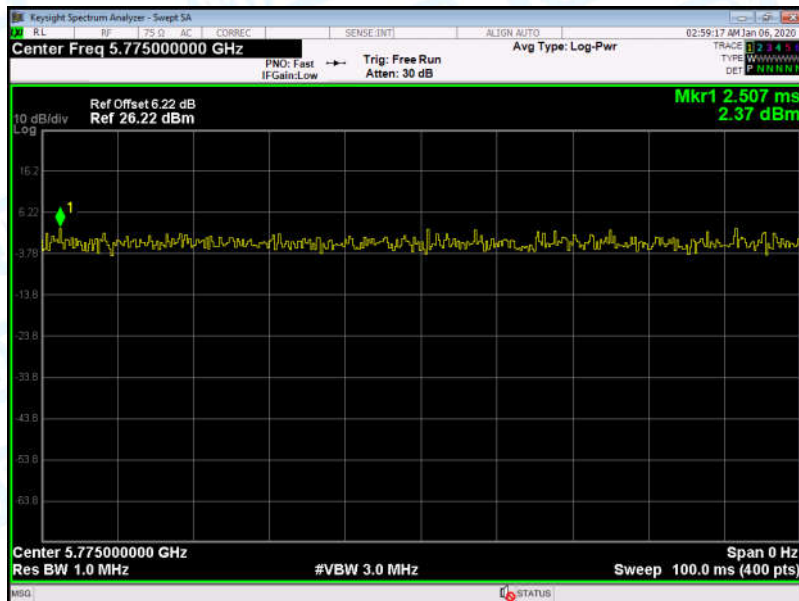
802.11 n(HT40) 5755MHz U-NII-3



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



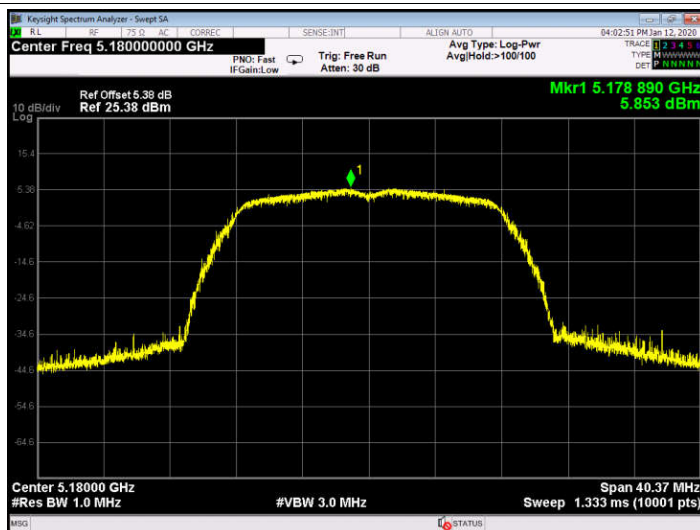
802.11 ac(VHT80) 5775MHz U-NII-3



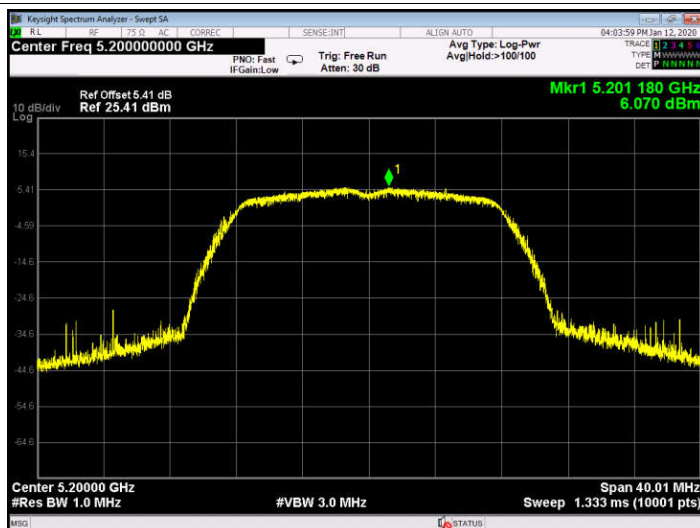
Attachment F-- Power Spectral Density Test Data

Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
U-NII-1				
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/MHz)	
		Power Density (dBm/MHz)		
802.11a	5180	5.853	11	
	5200	6.070		
	5240	6.783		
802.11n (HT20)	5180	5.973		
	5200	5.746		
	5240	6.599		
802.11ac (VHT20)	5180	5.973		
	5200	5.746		
	5240	6.599		
802.11n (HT40)	5190	2.770		
	5230	2.922		
802.11ac(VHT40)	5190	3.056		
	5230	3.255		
802.11ac(VHT80)	5210	0.865		
Result: PASS				
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}				
Test plots please refer to below pages:				

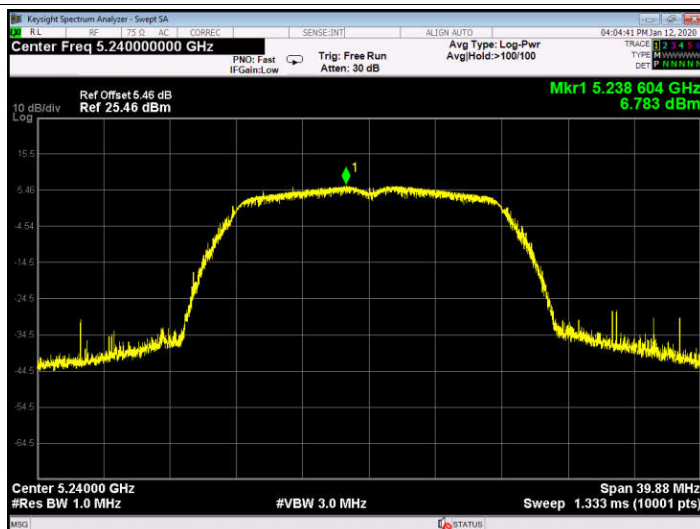
802.11 a 5180 MHz



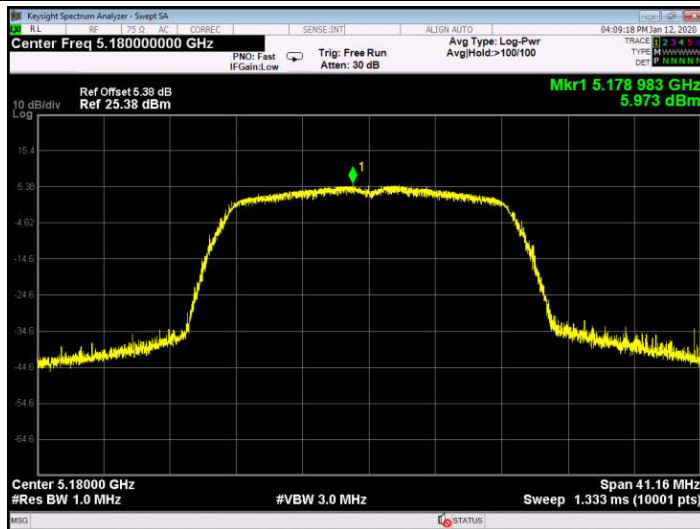
802.11 a 5200 MHz



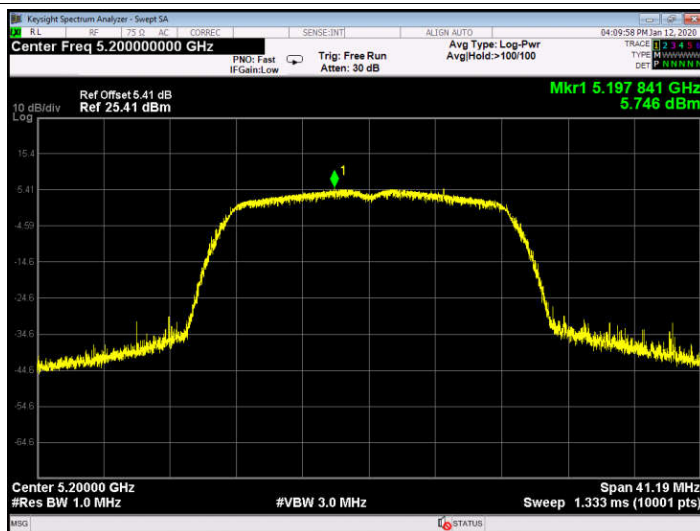
802.11 a 5240 MHz



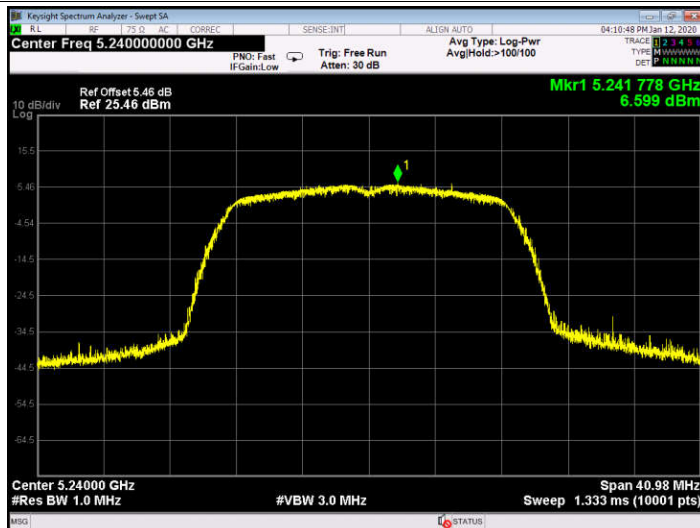
802.11 n(HT20) 5180 MHz



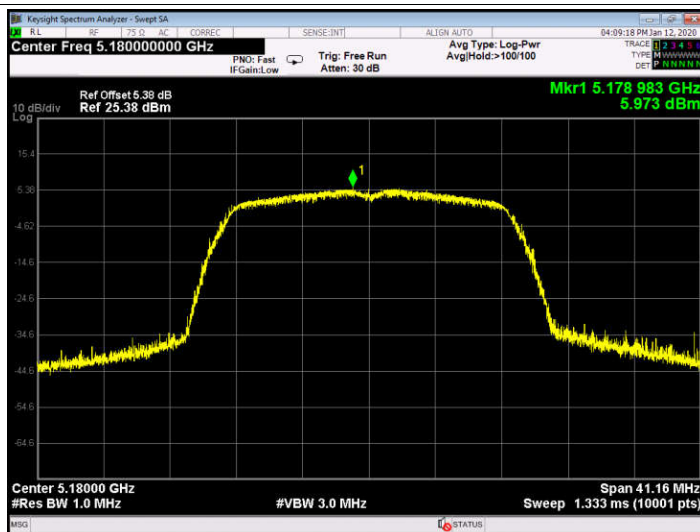
802.11 n(HT20) 5200 MHz



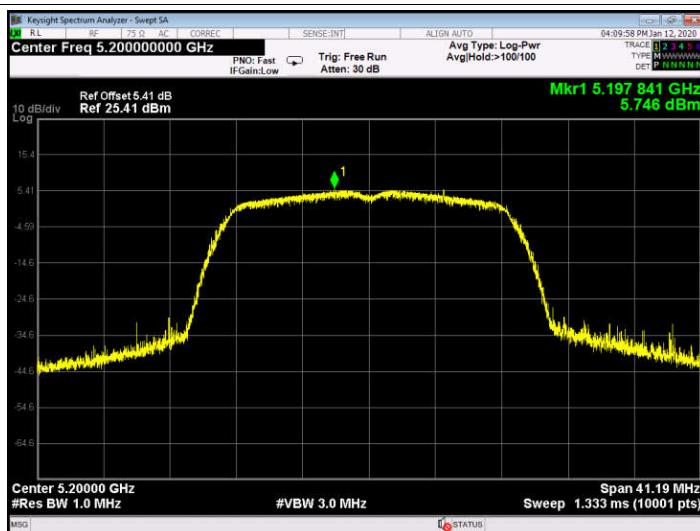
802.11 n(HT20) 5240 MHz



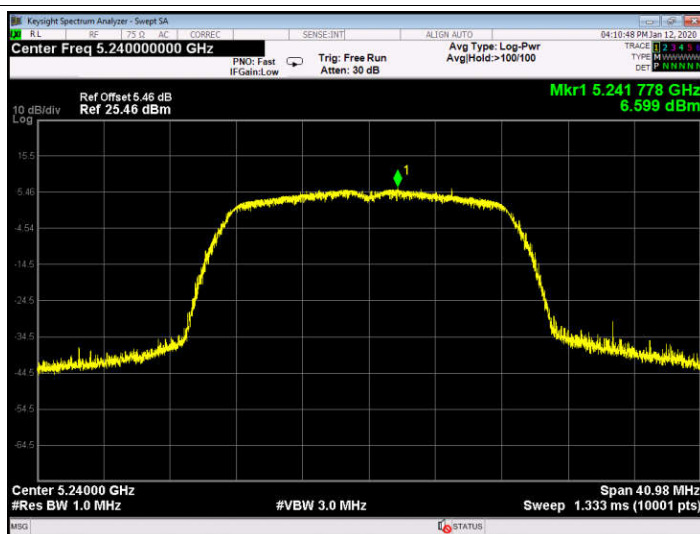
802.11 ac(VHT20) 5180 MHz



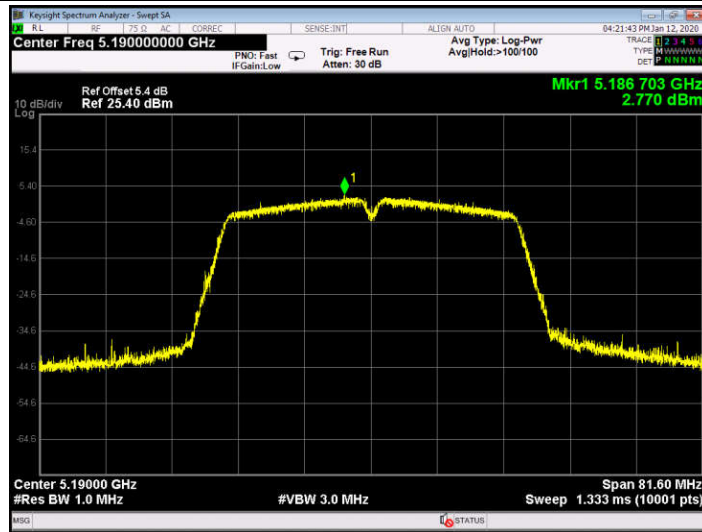
802.11 ac(VHT20) 5200 MHz



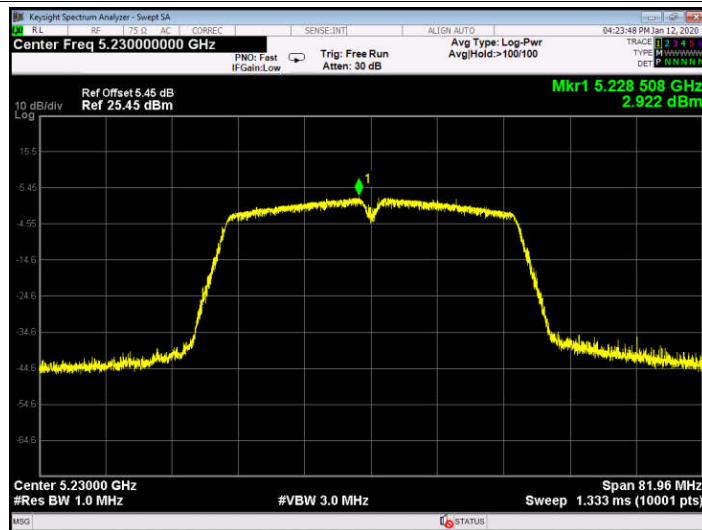
802.11 ac(VHT20) 5240 MHz



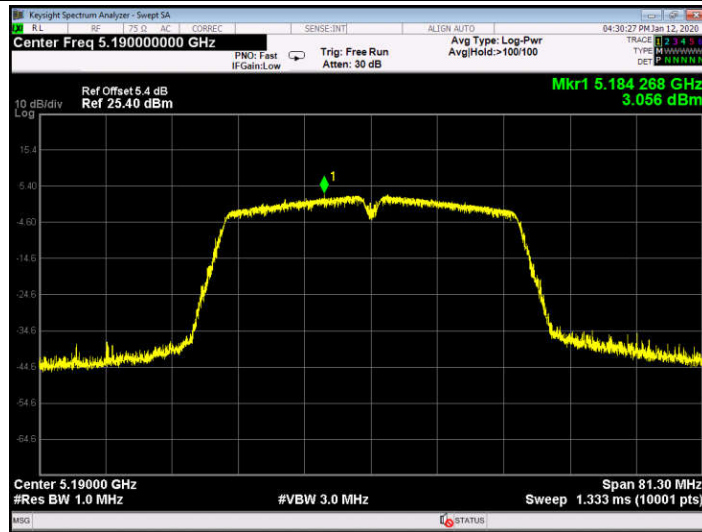
802.11 n(HT40) 5190 MHz



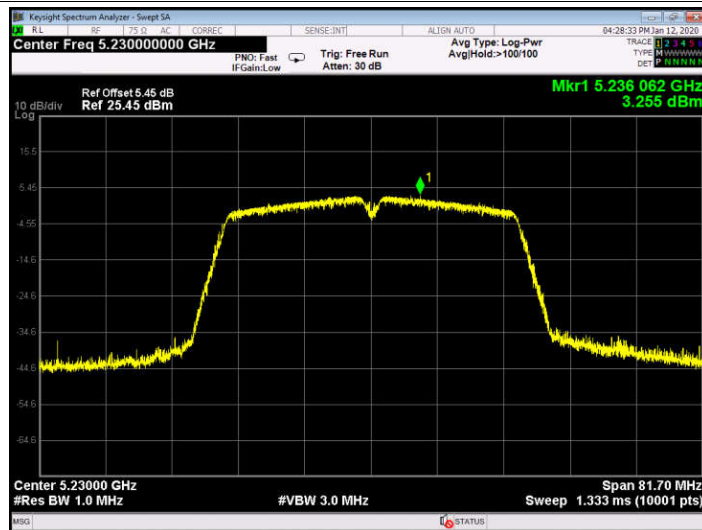
802.11 n(HT40) 5230 MHz



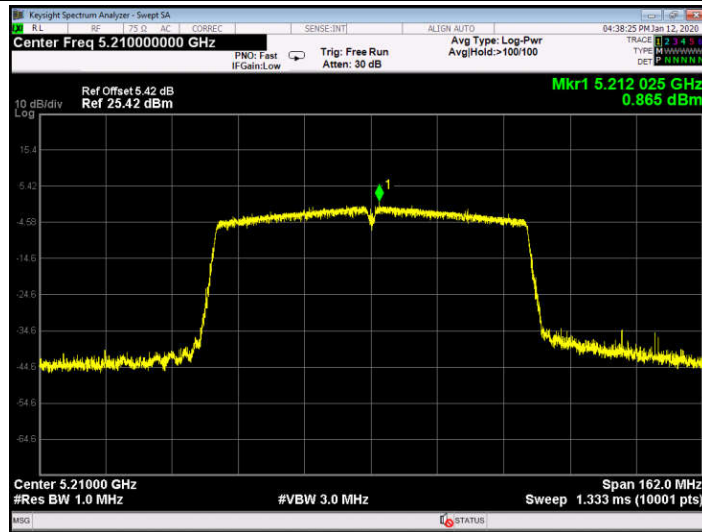
802.11 ac(VHT40) 5190 MHz



802.11 ac(VHT40) 5230 MHz

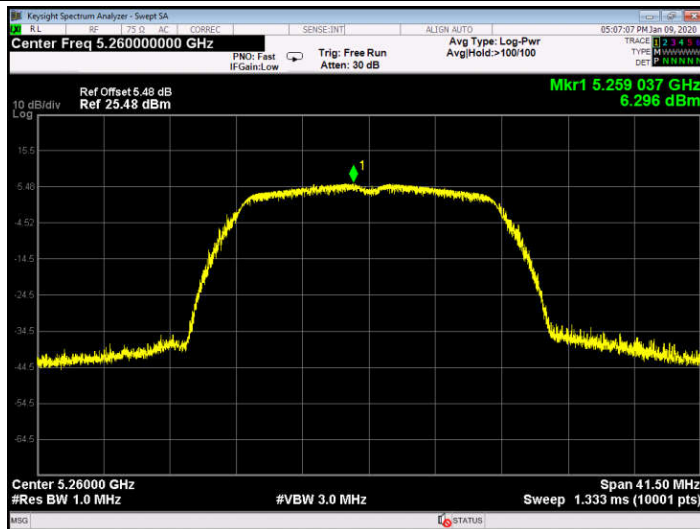


802.11 ac(VHT80) 5210 MHz

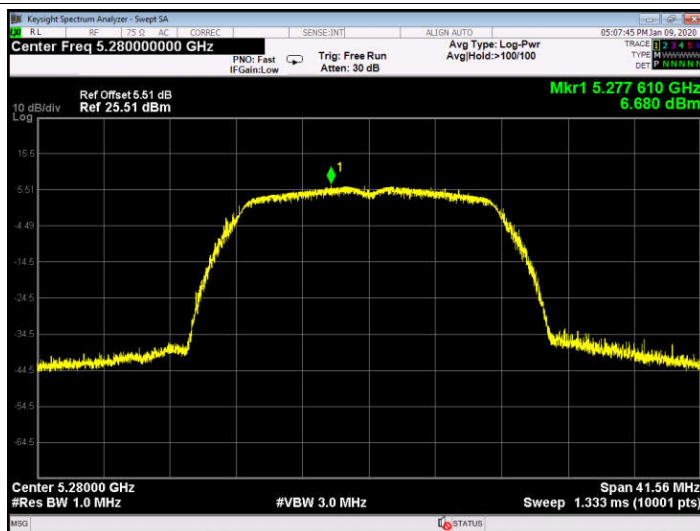


Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
U-NII-2A				
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/MHz)	
		Power Density (dBm/MHz)		
802.11a	5260	6.296	11	
	5280	6.680		
	5320	7.384		
802.11n (HT20)	5260	6.200		
	5280	6.848		
	5320	6.685		
802.11ac (VHT20)	5260	6.200		
	5280	6.063		
	5320	6.848		
802.11n (HT40)	5270	3.779		
	5310	3.554		
802.11ac(VHT40)	5270	3.904		
	5310	3.821		
802.11ac(VHT80)	5290	0.565		
Result: PASS				
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}				
Test plots please refer to below pages:				

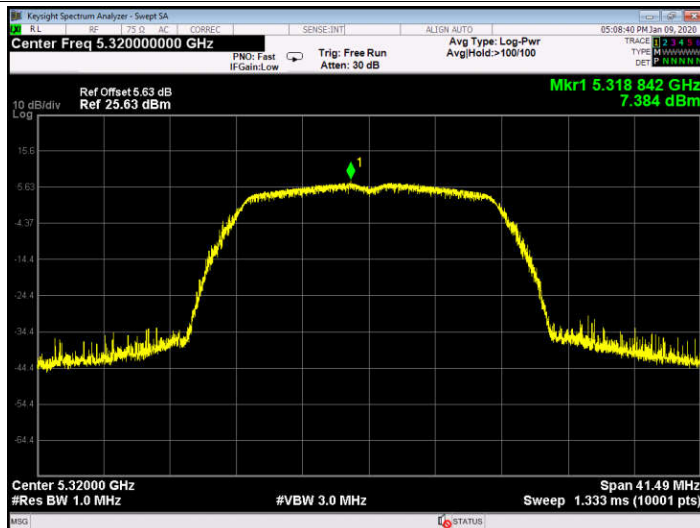
802.11 a 5260 MHz



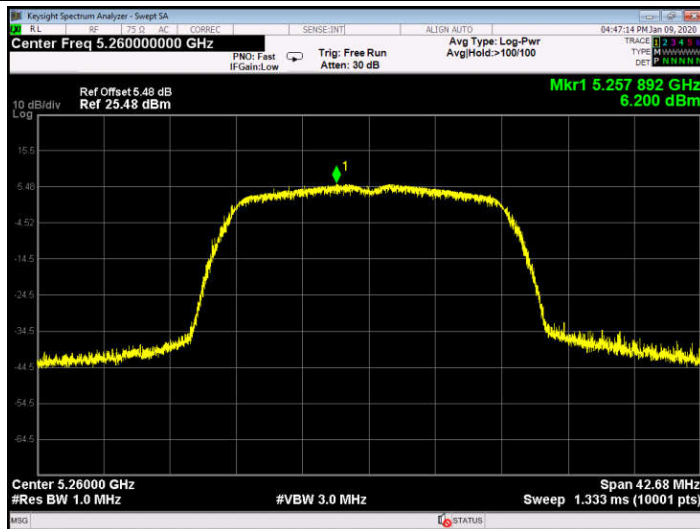
802.11 a 5280 MHz



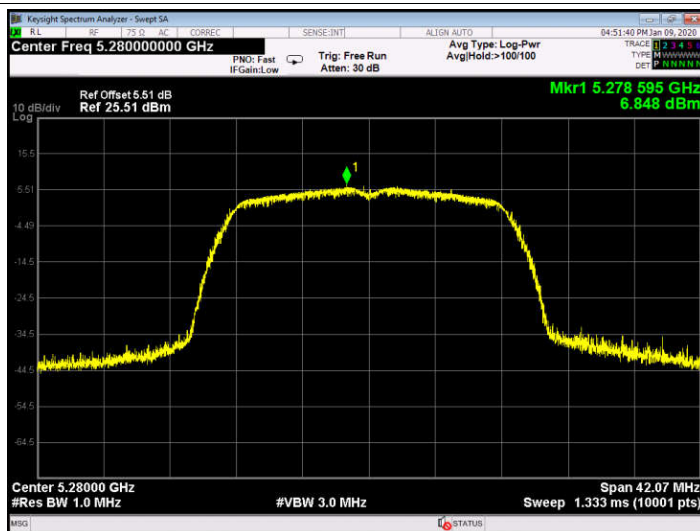
802.11 a 5320 MHz



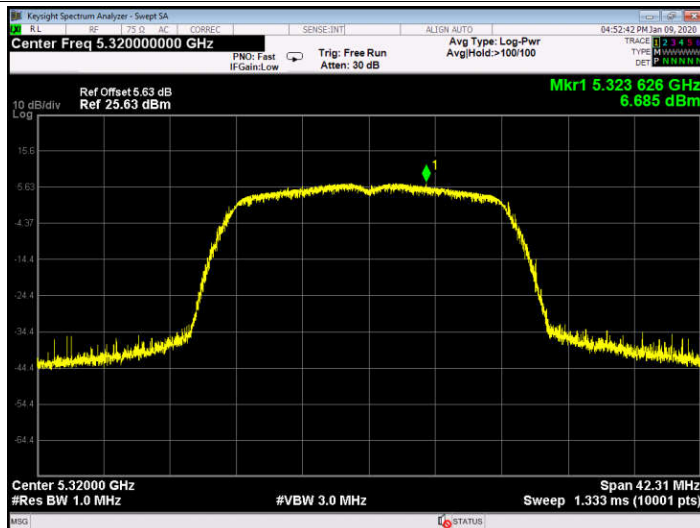
802.11 n(HT20) 5260 MHz



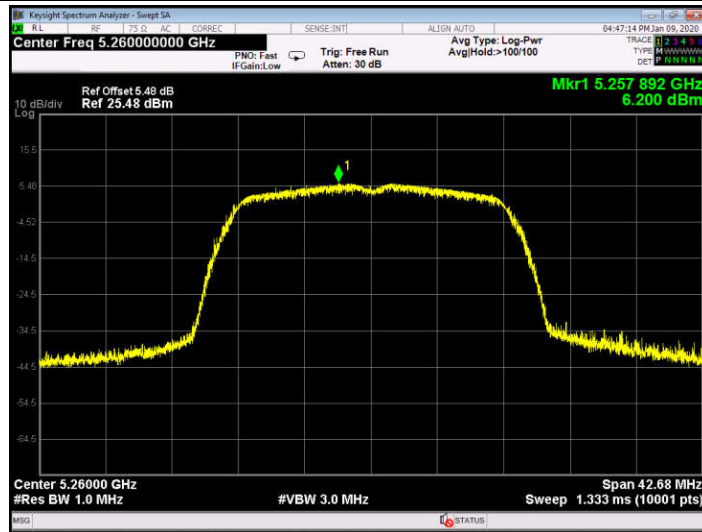
802.11 n(HT20) 5280 MHz



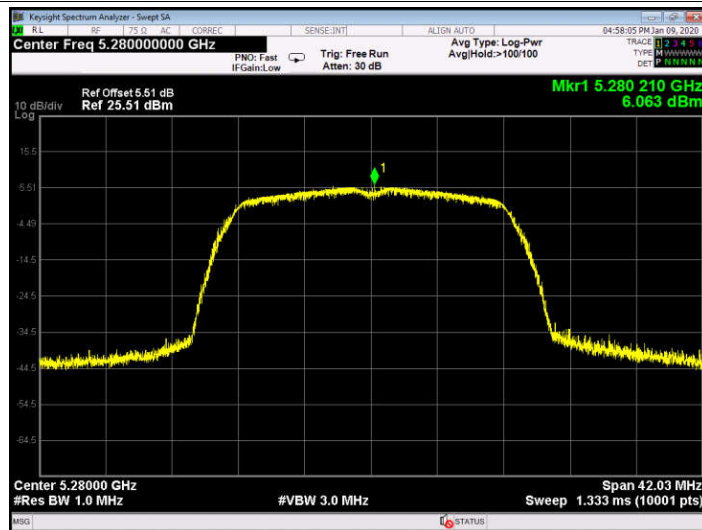
802.11 n(HT20) 5320 MHz



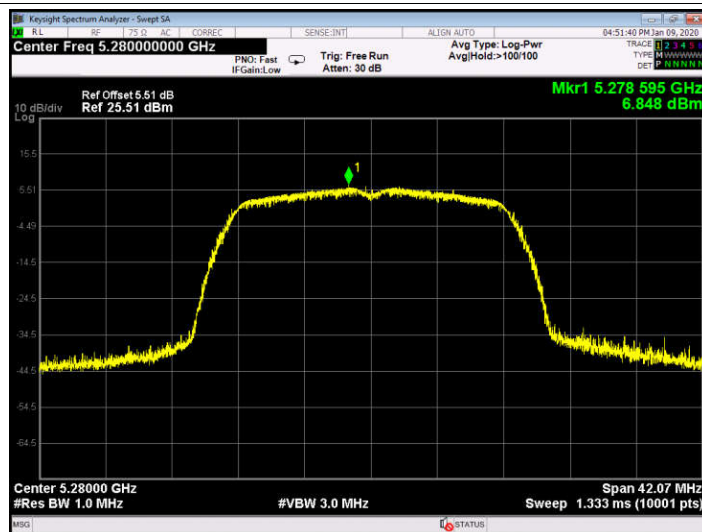
802.11 ac(VHT20) 5260 MHz



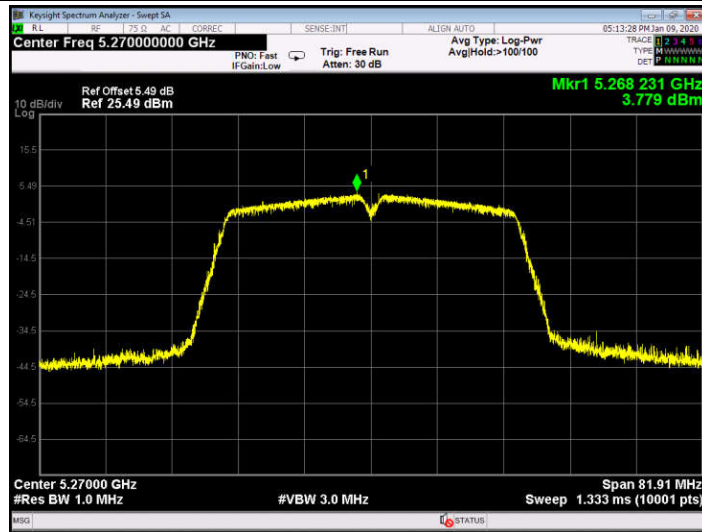
802.11 ac(VHT20) 5280 MHz



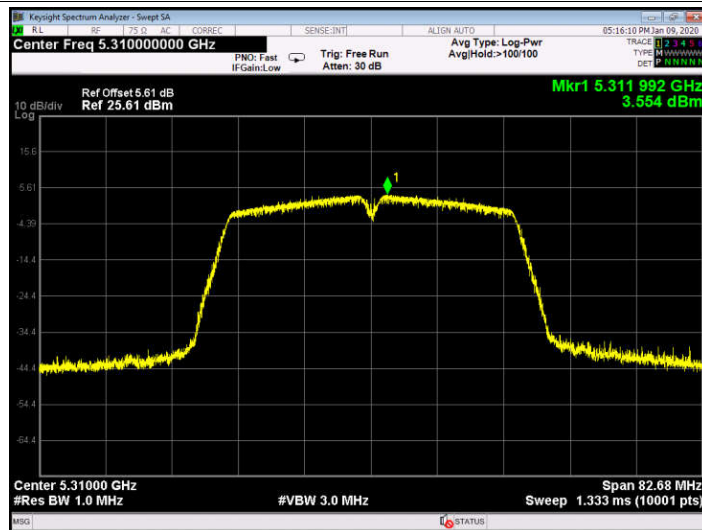
802.11 ac(VHT20) 5320 MHz



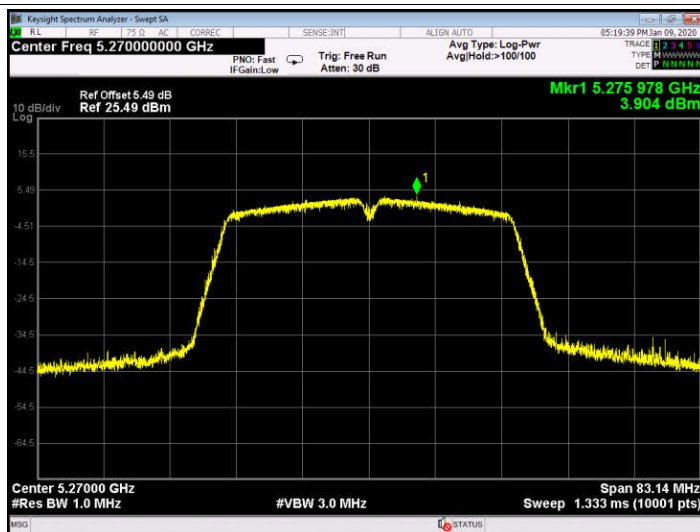
802.11 n(HT40) 5270 MHz



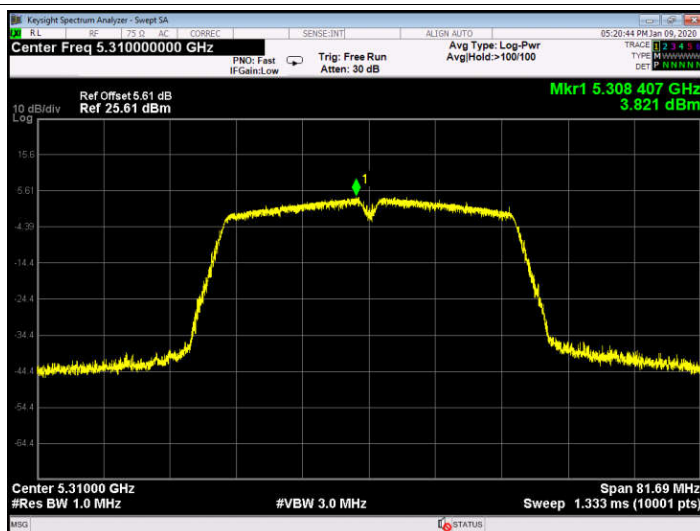
802.11 n(HT40) 5310 MHz



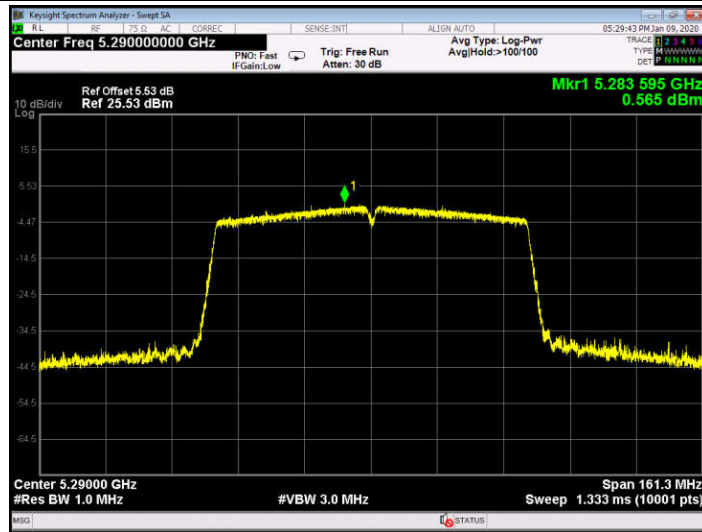
802.11 ac(VHT40) 5270 MHz



802.11 ac(VHT40) 5310 MHz

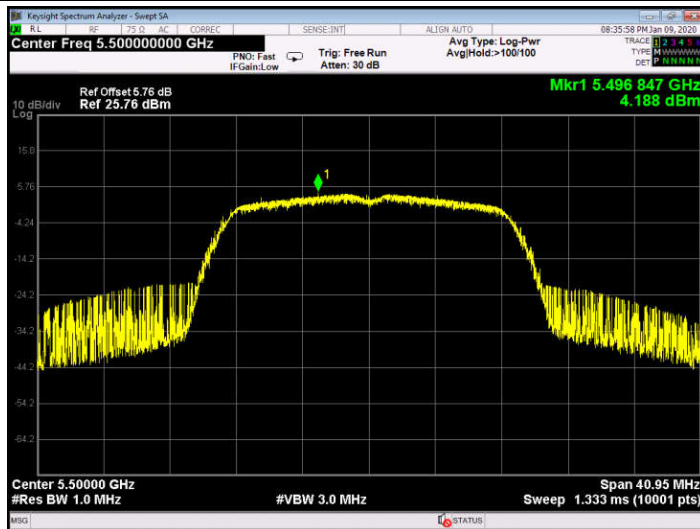


802.11 ac(VHT80) 5290 MHz

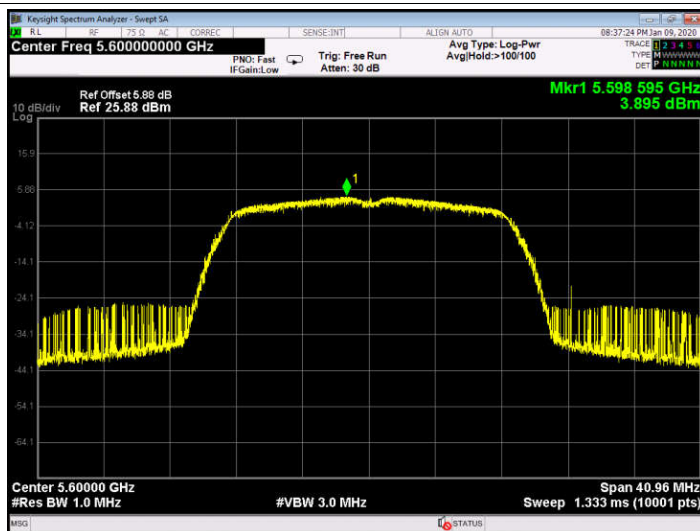


Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
U-NII-2C				
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/MHz)	
		Power Density (dBm/MHz)		
802.11a	5500	4.188	11	
	5600	3.895		
	5720	6.162		
802.11n (HT20)	5500	3.457		
	5600	4.859		
	5720	6.576		
802.11ac (HT20)	5500	4.262		
	5600	4.606		
	5720	5.994		
802.11n (HT40)	5510	1.663		
	5590	1.767		
	5710	2.804		
802.11ac(40)	5510	0.831		
	5590	1.672		
	5710	3.628		
802.11ac(80)	5530	-1.669		
	5610	-1.229		
	5690	0.569		
Result: PASS				
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}				
Test plots please refer to below pages:				

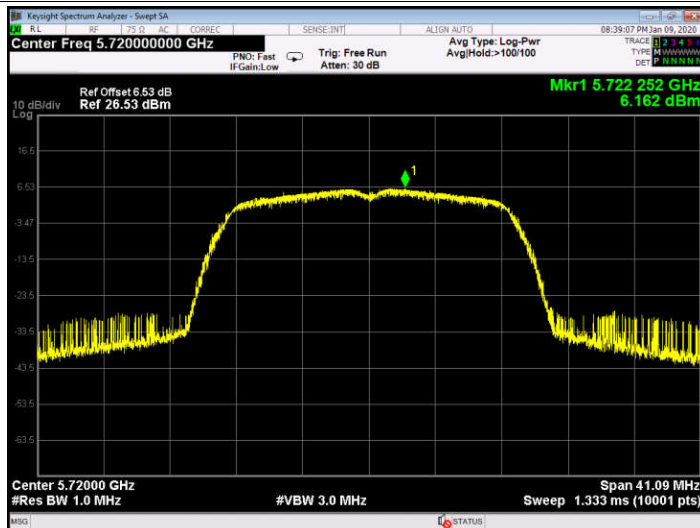
802.11 a 5500 MHz



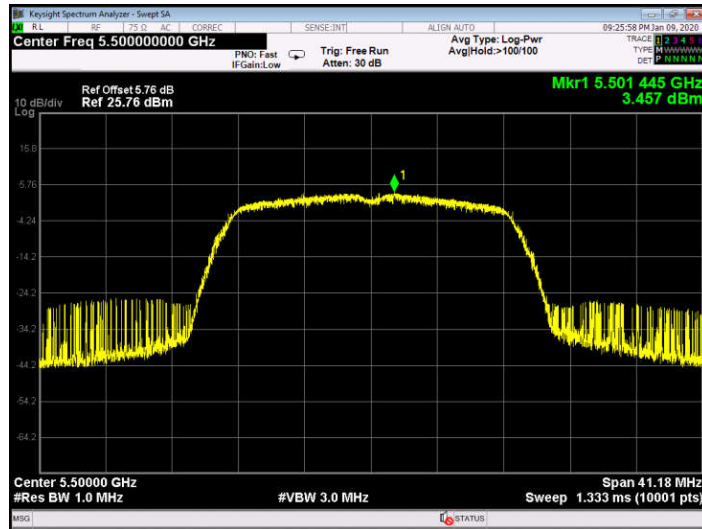
802.11 a 5600 MHz



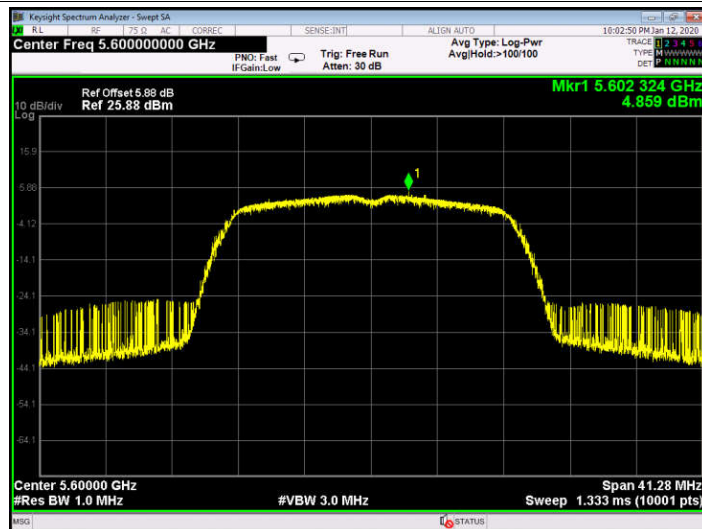
802.11 a 5720 MHz



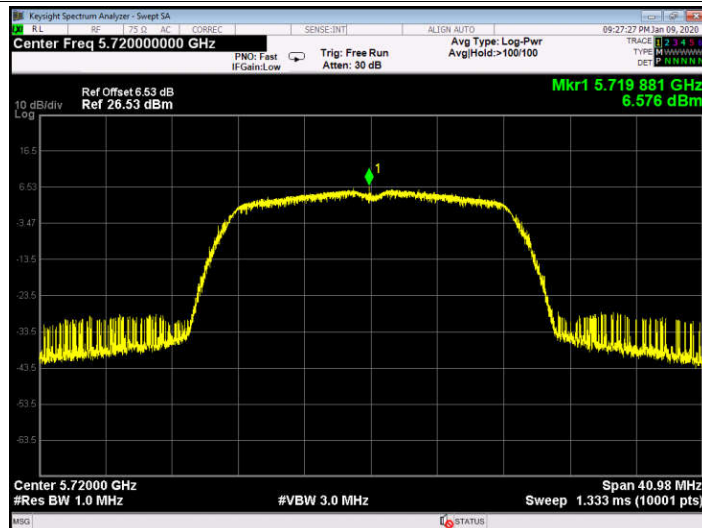
802.11 n(HT20) 5500 MHz



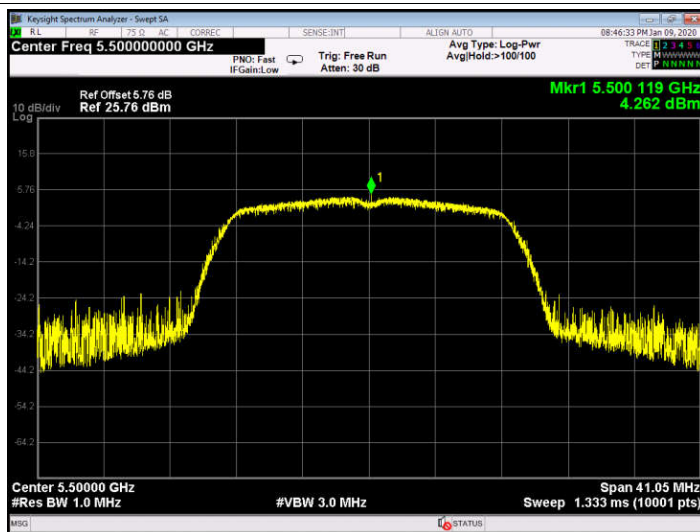
802.11 n(HT20) 5600 MHz



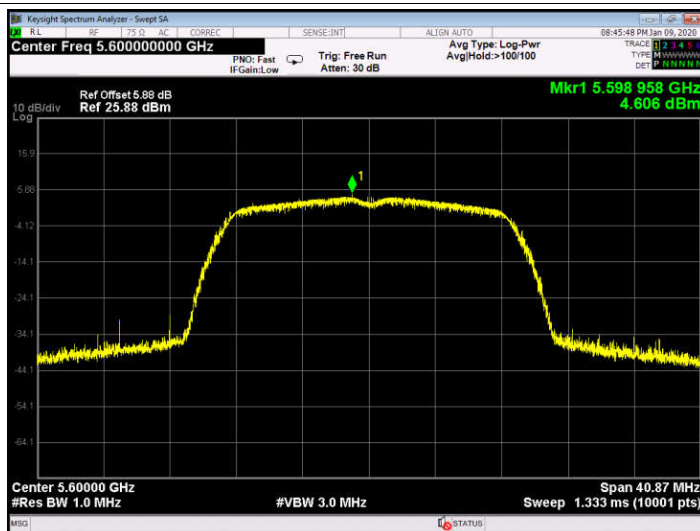
802.11 n(HT20) 5720 MHz



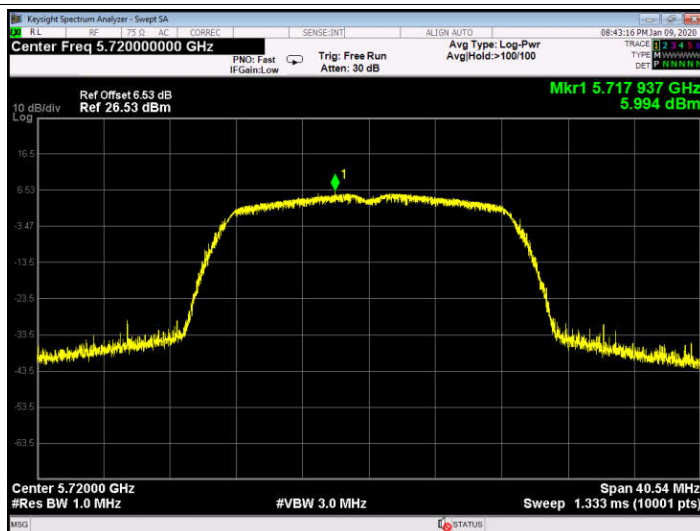
802.11 ac(VHT20) 5500 MHz



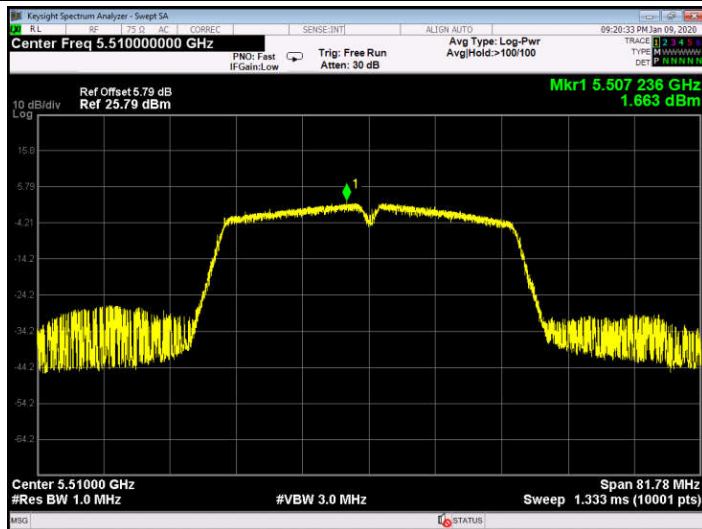
802.11 ac(VHT20) 5600 MHz



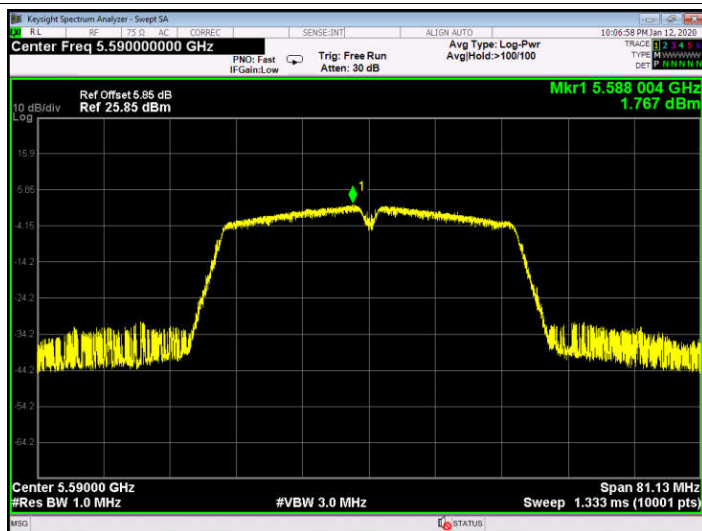
802.11 ac(VHT20) 5720 MHz



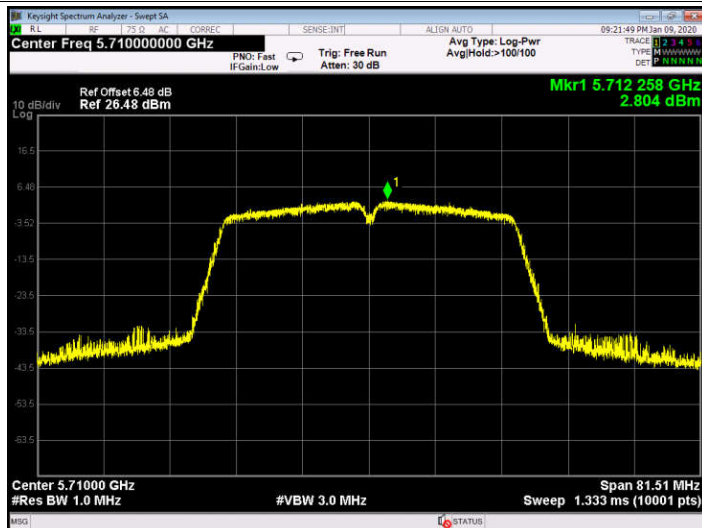
802.11 n(HT40) 5510 MHz



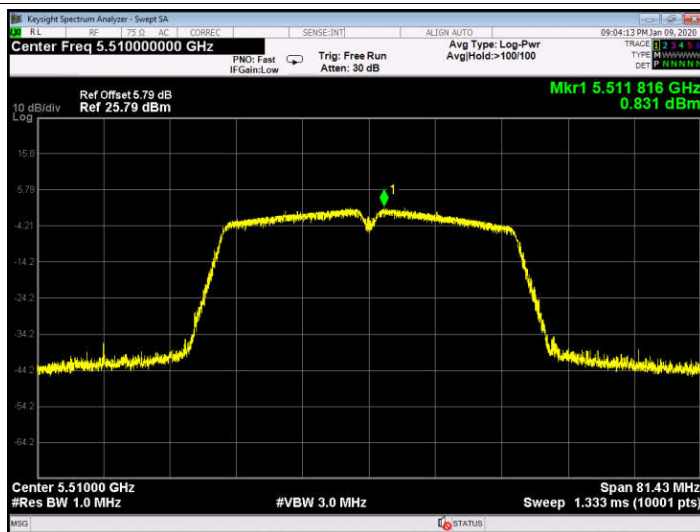
802.11 n(HT40) 5590 MHz



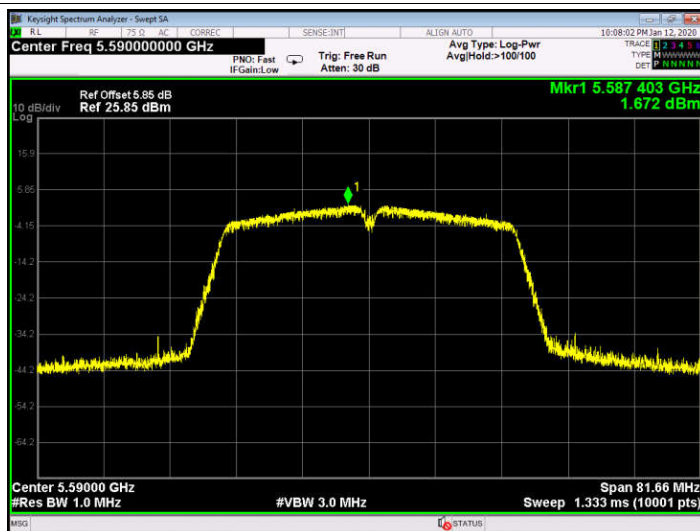
802.11 n(HT40) 5710 MHz



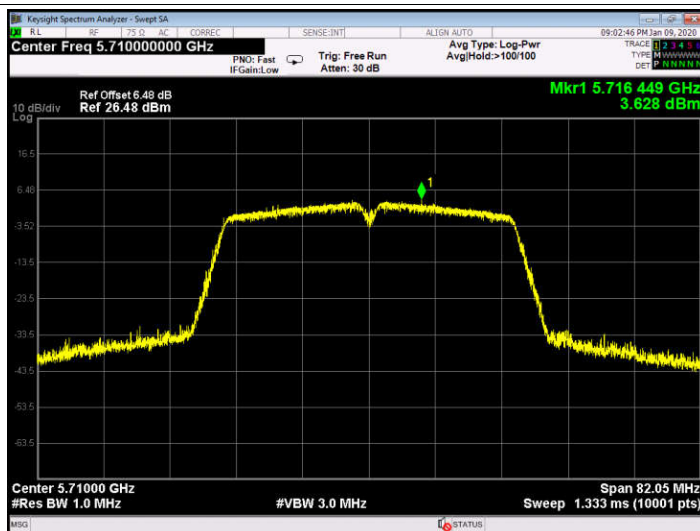
802.11 ac(VHT40) 5510 MHz



802.11 ac(VHT40) 5590 MHz



802.11 ac(VHT40) 5710 MHz



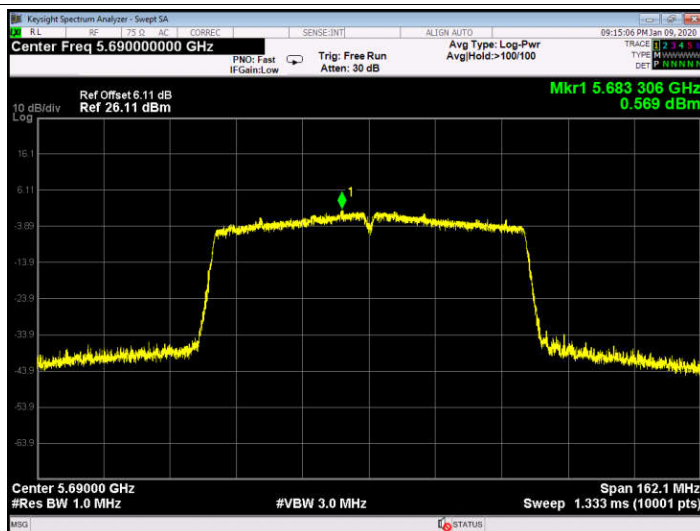
802.11 ac(VHT80) 5530 MHz



802.11 ac(VHT80) 5610 MHz

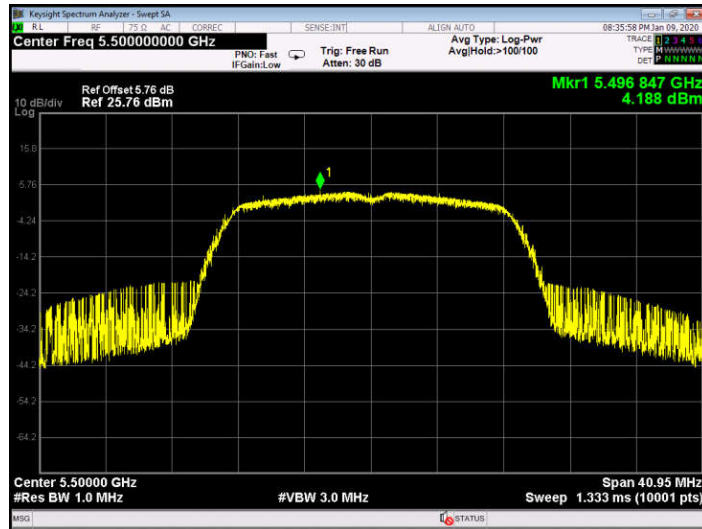


802.11 ac(VHT80) 5690 MHz

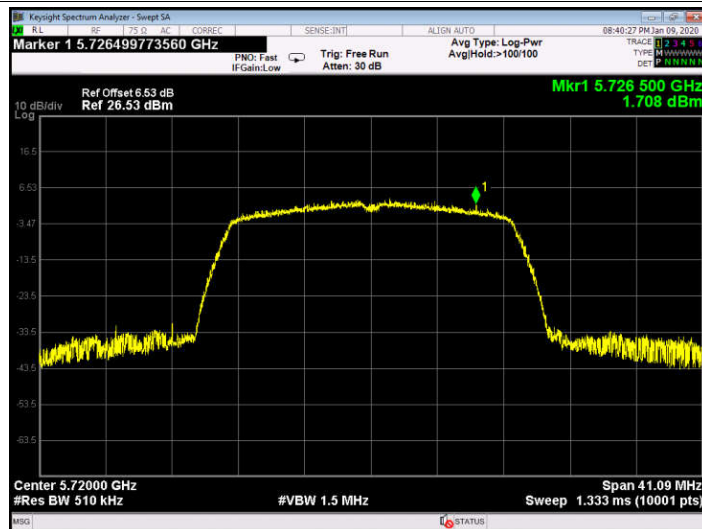


Temperature:	25 °C	Relative Humidity:	55%		
Test Voltage:	DC 3.8V				
U-NII-2C					
Test Mode	Frequency (MHz)	Power Density		Limit	
		(dBm/MHz)	(dBm/500KHz)	(dBm/MHz)	(dBm/500KHz)
802.11a 5720MHz Straddle 5.47-5.725GHz		4.188	-----	11	-----
802.11a 5720MHz Straddle 5.725-5.85GHz		-----	1.708	-----	30
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz		6.576	-----	11	-----
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz		-----	1.406	-----	30
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz		5.994	-----	11	-----
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz		-----	0.933	-----	30
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz		2.804	-----	11	-----
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz		-----	-4.575	-----	30
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz		5.702	-----	11	-----
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz		-----	-4.146	-----	30
802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz		0.569	-----	11	-----
802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz		-----	-8.465	-----	30
Result: PASS					
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}					
Test plots please refer to below pages:					

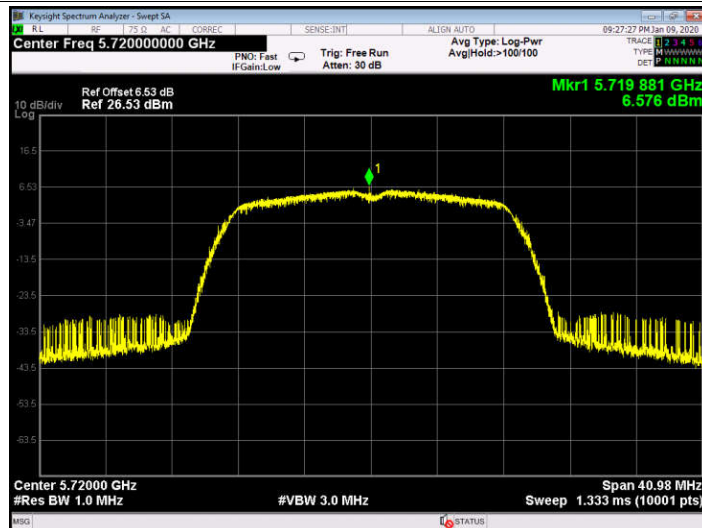
802.11a 5720MHz Straddle 5.47-5.725GHz



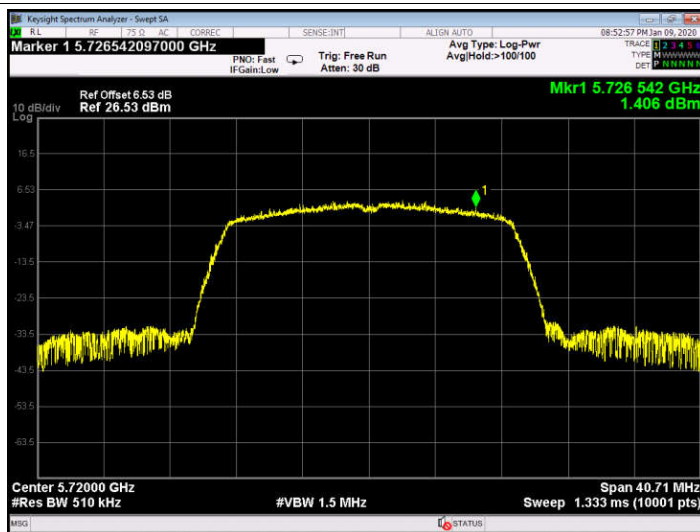
802.11a 5720MHz Straddle 5.725-5.85GHz



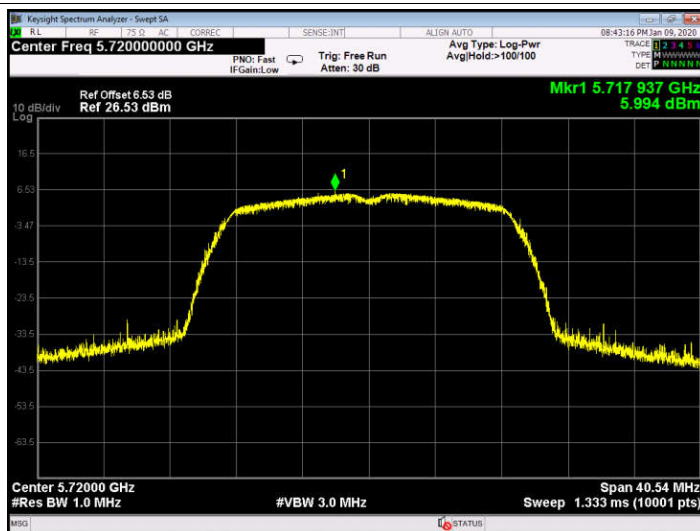
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz



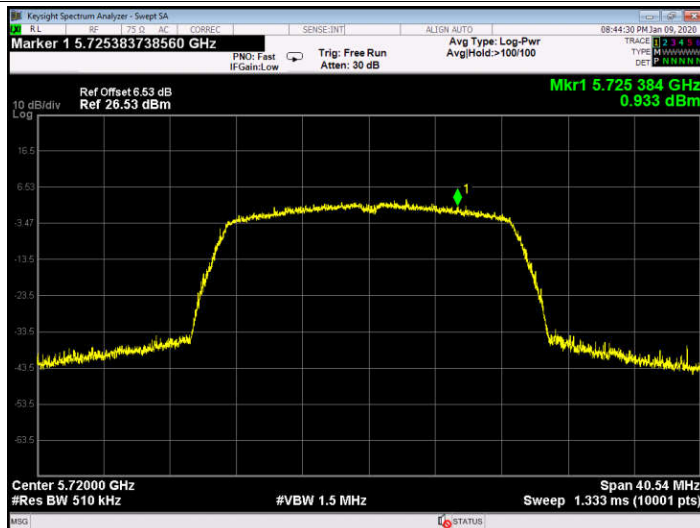
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz



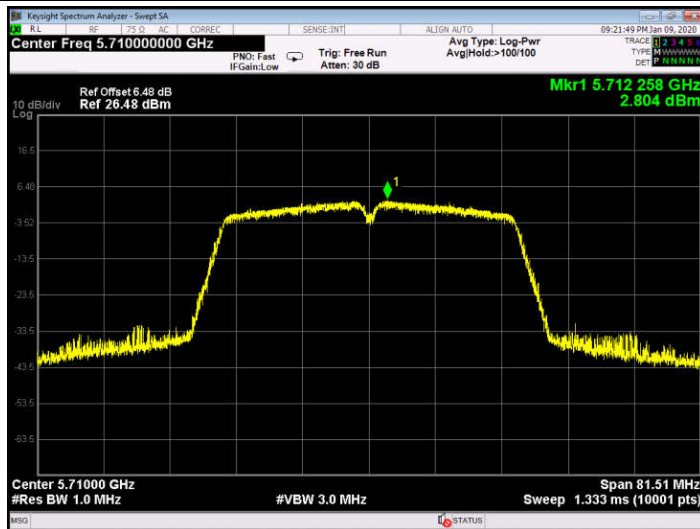
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz



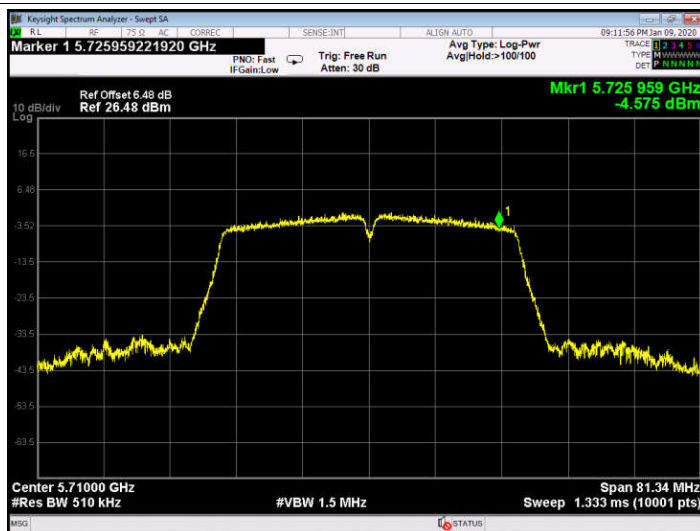
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz



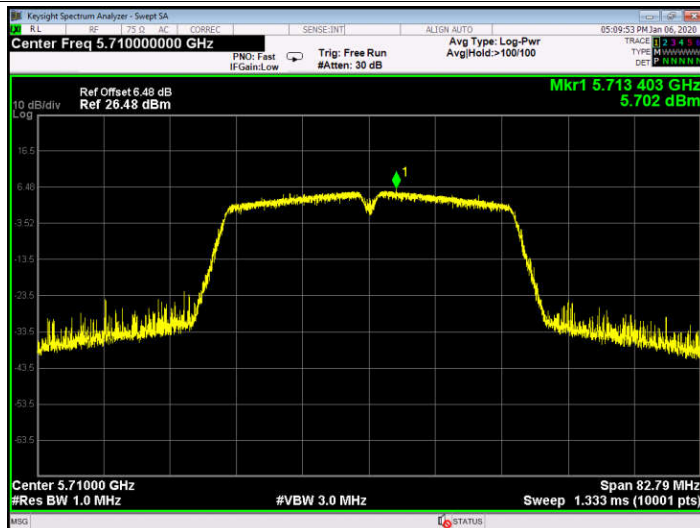
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz



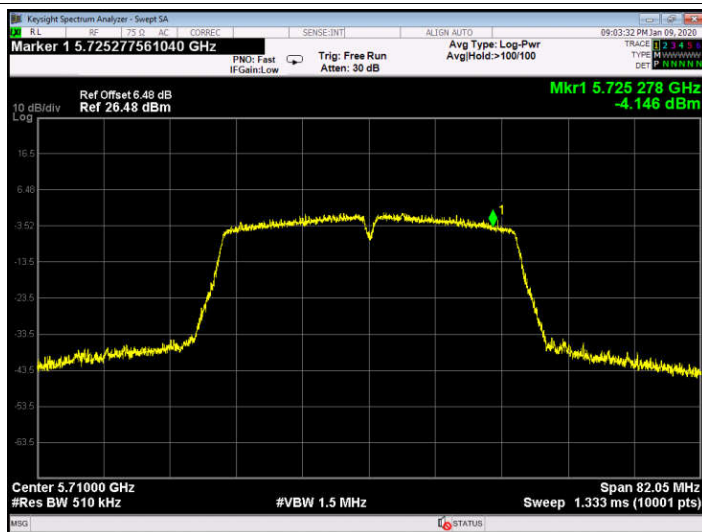
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz



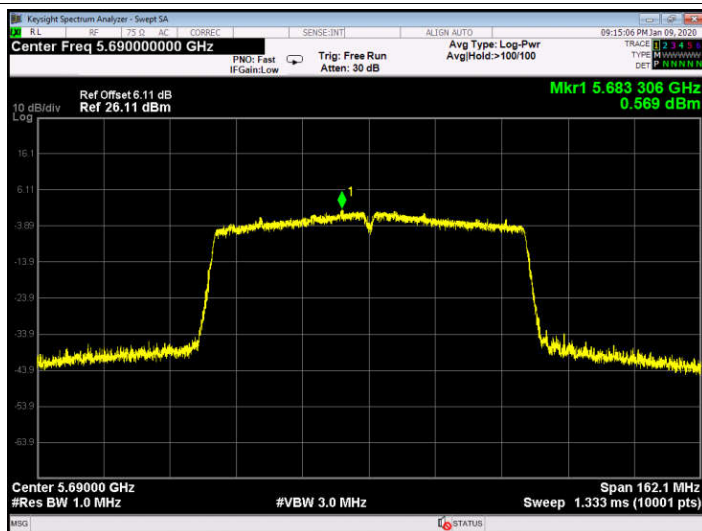
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz



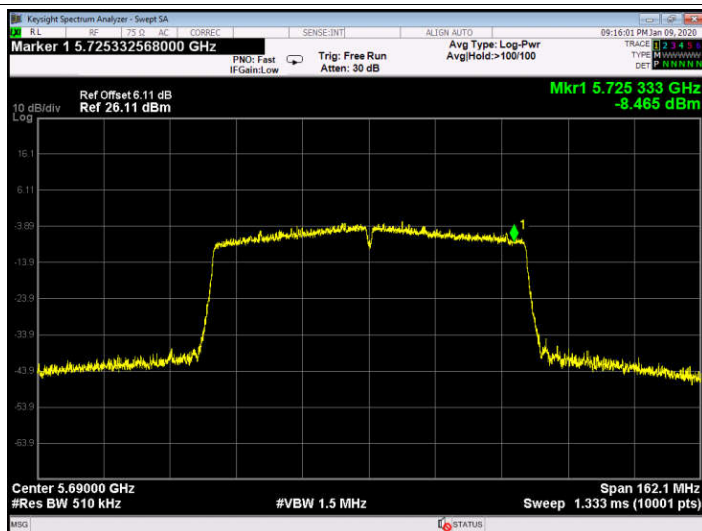
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz



802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz

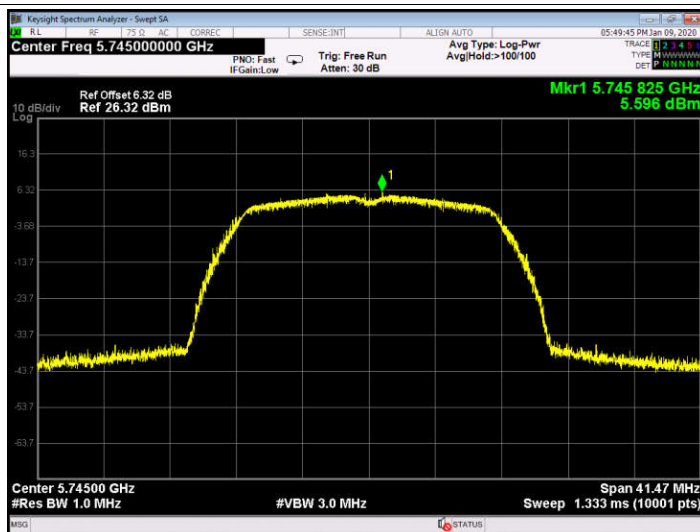


802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz

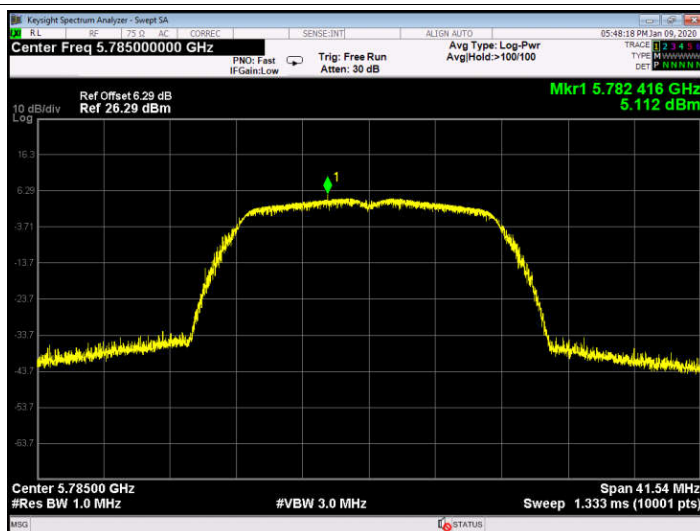


Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
U-NII-3				
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/500KHz)	
		Power Density (dBm/500KHz)		
802.11a	5745	5.596	30	
	5785	5.112		
	5825	3.490		
802.11n (HT20)	5745	4.919		
	5785	4.230		
	5825	3.287		
802.11ac (VHT20)	5745	5.528		
	5785	3.968		
	5825	2.580		
802.11n (HT40)	5755	2.380		
	5795	2.164		
802.11ac(VHT40)	5755	1.961		
	5795	1.762		
802.11ac(VHT80)	5775	-4.880		
Result: PASS				
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}				
Test plots please refer to below pages:				

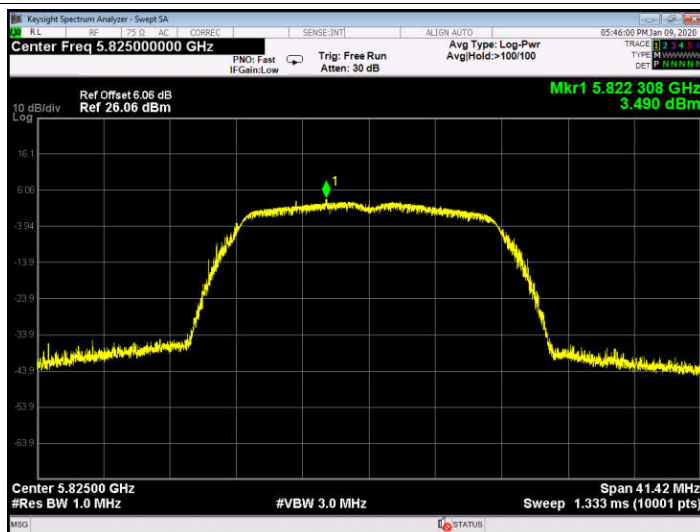
802.11 a 5745 MHz



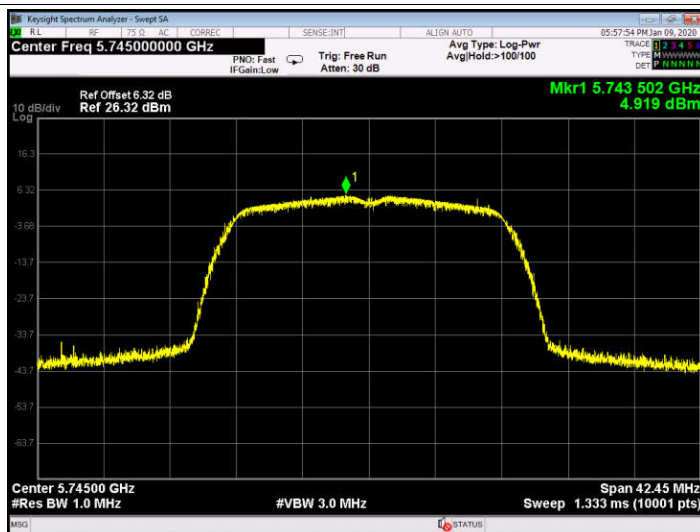
802.11 a 5785 MHz



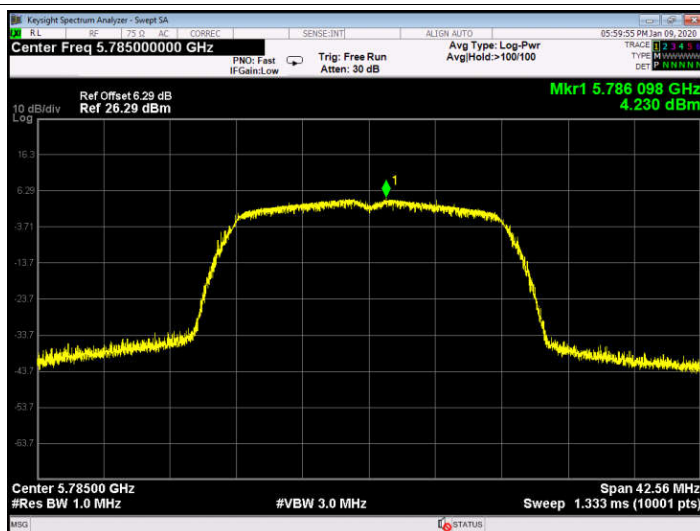
802.11 a 5825 MHz



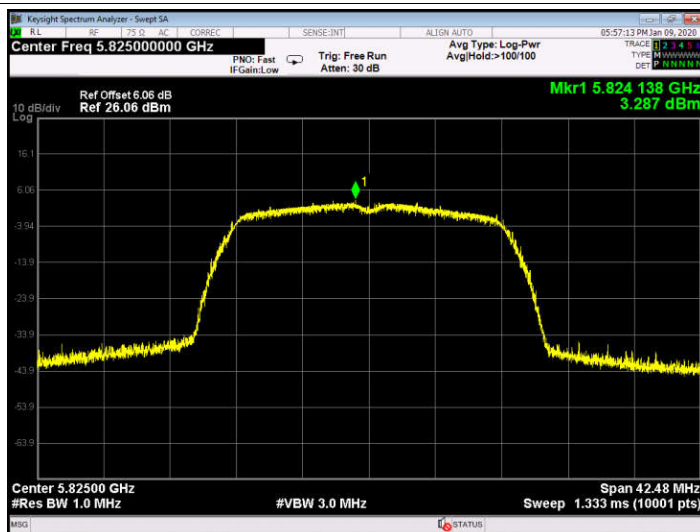
802.11 n(HT20) 5745 MHz



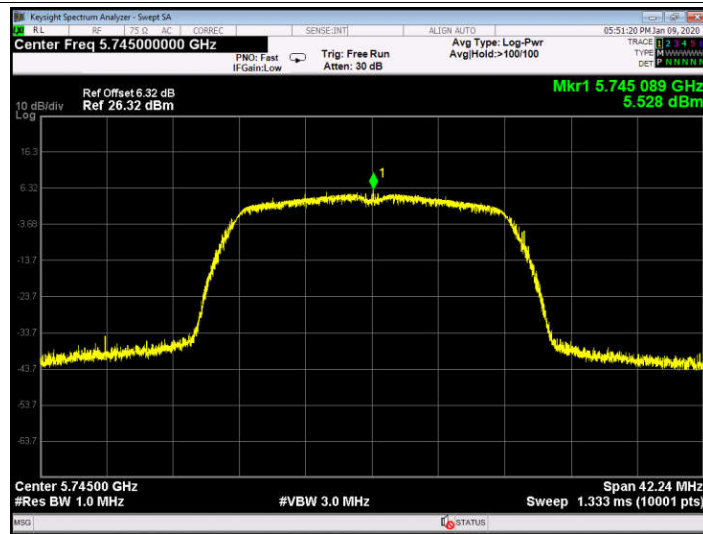
802.11 n(HT20) 5785 MHz



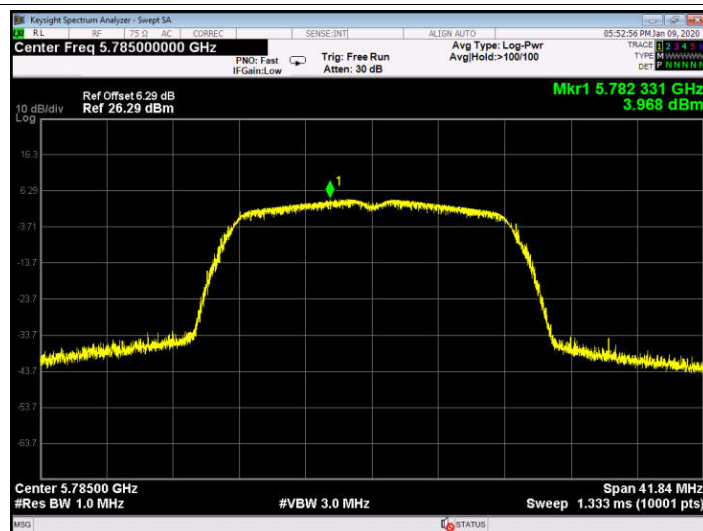
802.11 n(HT20) 5825 MHz



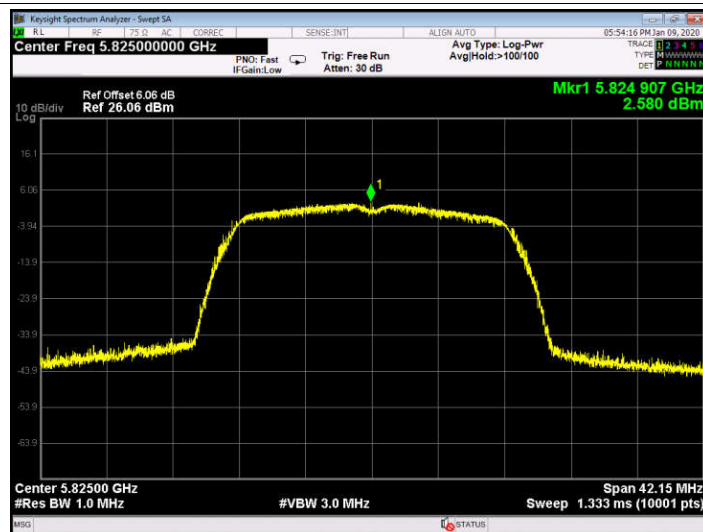
802.11 ac(VHT20) 5745 MHz



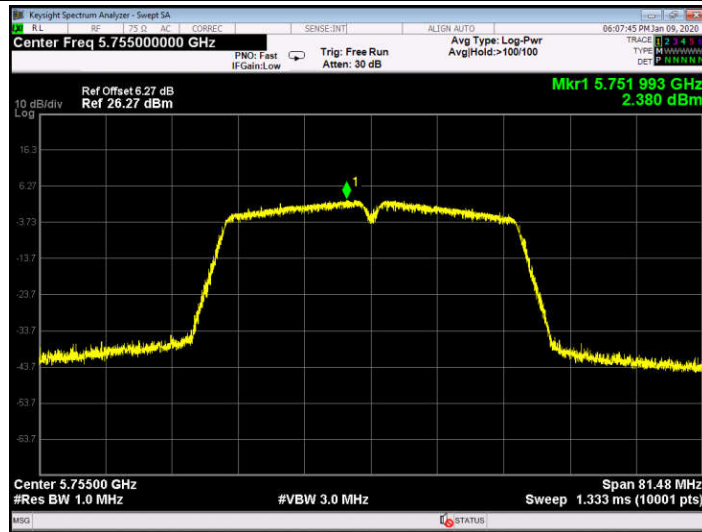
802.11 ac(VHT20) 5785 MHz



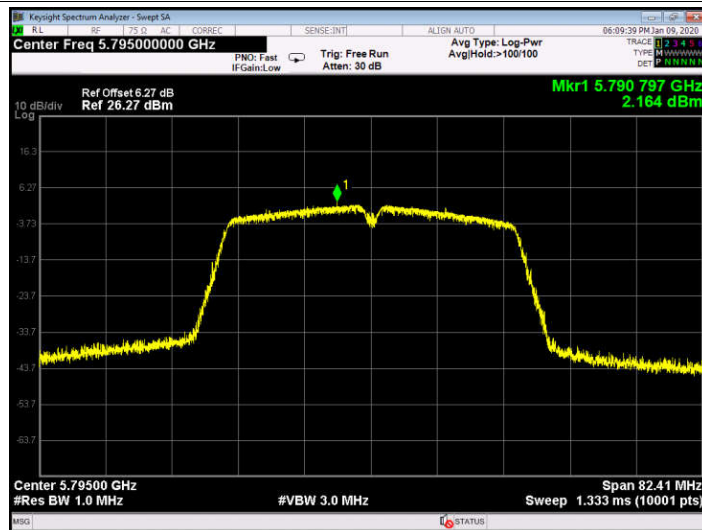
802.11 ac(VHT20) 5825 MHz



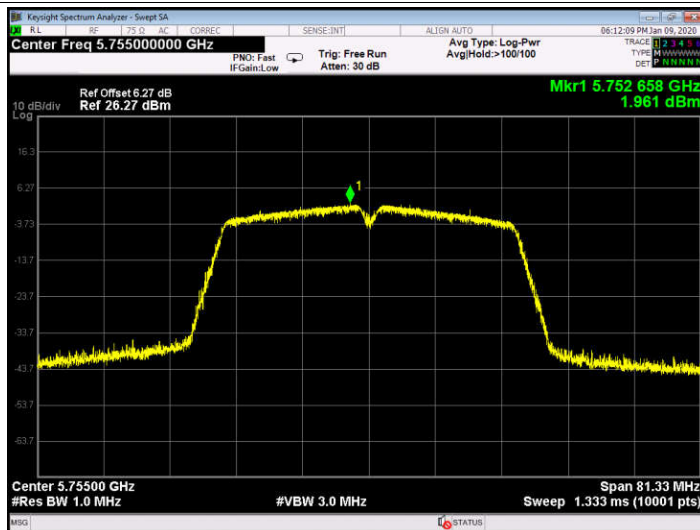
802.11 n(HT40) 5755 MHz



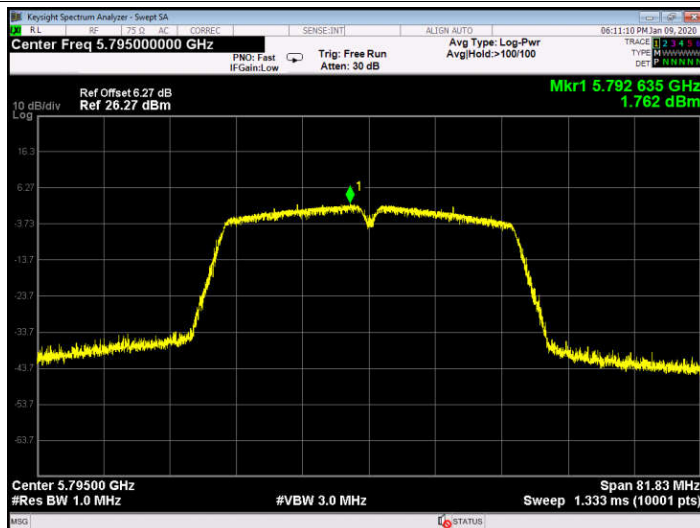
802.11 n(HT40) 5795 MHz



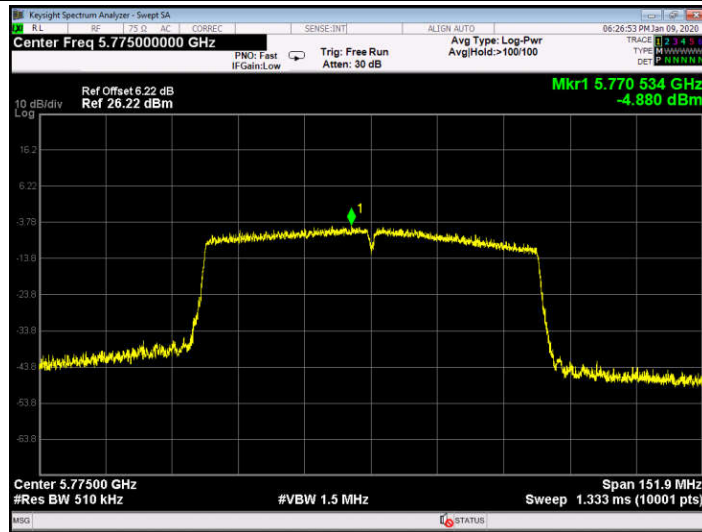
802.11 ac(VHT40) 5755 MHz



802.11 ac(VHT40) 5795 MHz



802.11 ac(VHT80) 5775 MHz



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	5180.0200
120	5180.0500
118	5180.0700
Limit Range (MHz)	5150-5250
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5180.0800
10	5180.0500
20	5180.0500
30	5180.0100
40	5180.0800
50	5180.0600
Limit Range (MHz)	5150-5250
Result	PASS

Only show the worst case 802.11 a Mode 5260MHz.

801.11a U-NII-2A: 5260 MHz	
Voltage vs. Frequency Stability	
Voltage (V)	Measurement Frequency (MHz)
132	5280.0054
120	5280.0014
118	5280.0027
Limit Range (MHz)	5250-5350
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5280.0051
10	5280.0086
20	5280.0088
30	5280.0075
40	5280.0012
50	5280.0057
Limit Range (MHz)	5250-5350
Result	PASS

Only show the worst case 802.11 a Mode 5500MHz.

801.11a U-NII-2C: 5500 MHz	
Voltage vs. Frequency Stability	
Voltage (V)	Measurement Frequency (MHz)
132	5499.9952
120	5499.9954
118	5499.9913
Limit Range (MHz)	5470-5725
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5499.9969
10	5499.9957
20	5499.9951
30	5499.9967
40	5499.9927
50	5499.9933
Limit Range (MHz)	5470-5725
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	5745.0500
120	5745.0200
118	5744.0300
Limit Range (MHz)	5725-5850
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5745.0100
10	5745.0500
20	5745.0200
30	5745.0700
40	5745.0500
50	5745.0200
Limit Range (MHz)	5725-5850
Result	PASS

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