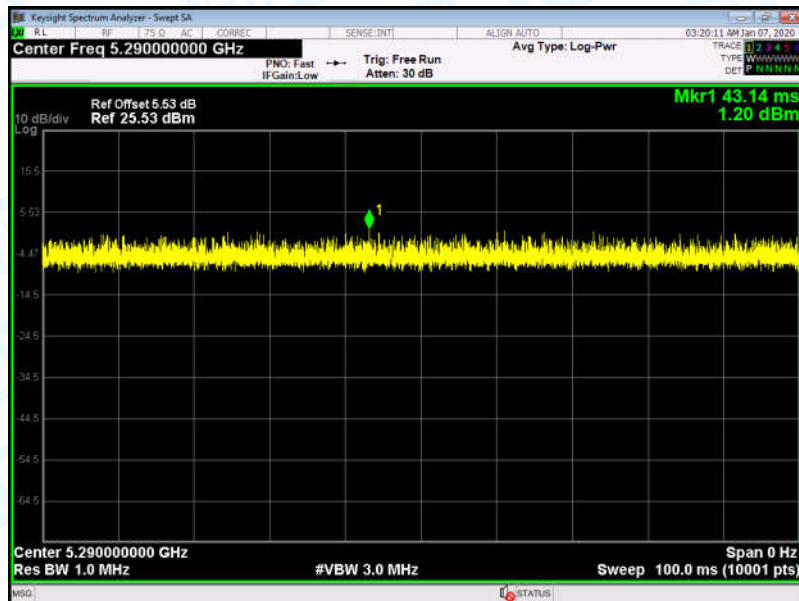


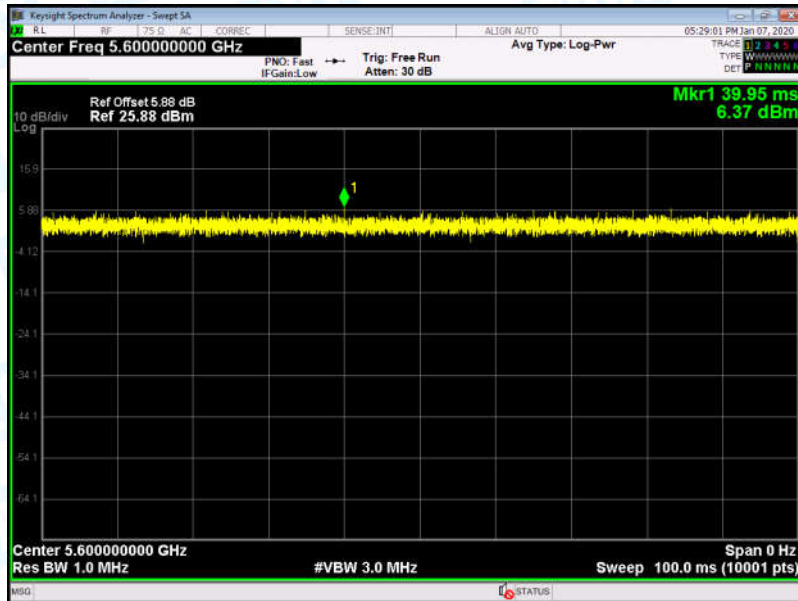
802.11 ac(VHT40) 5270MHz U-NII-2A



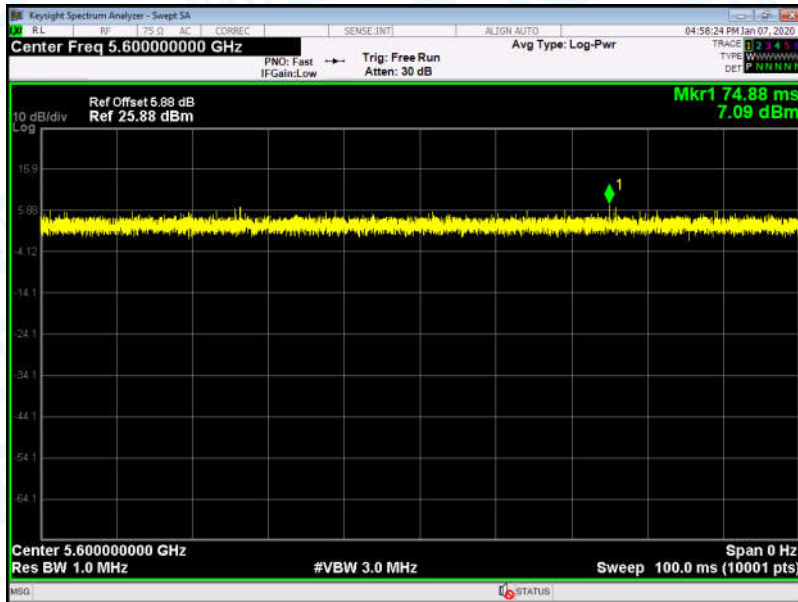
802.11 ac(VHT80) 5290MHz U-NII-2A



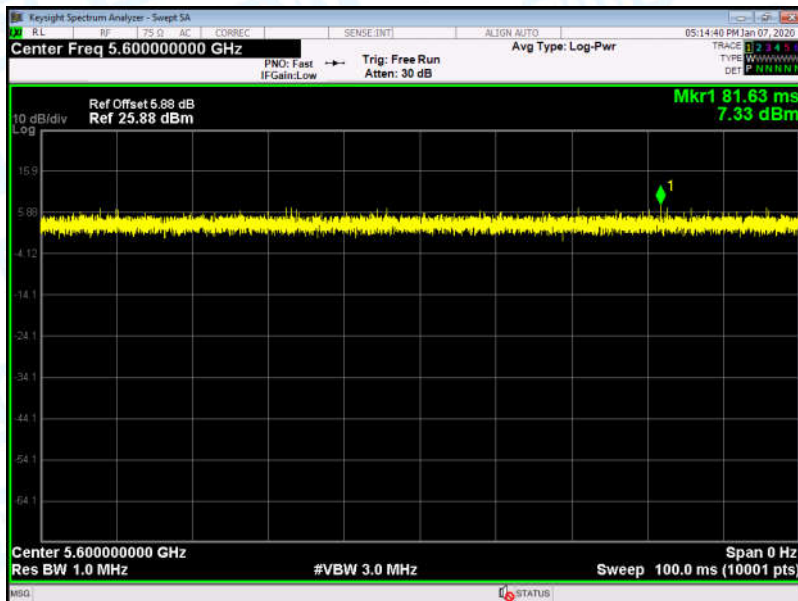
802.11 a 5600MHz U-NII-2C



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



802.11 ac(VHT20) 5600MHz U-NII-2C



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



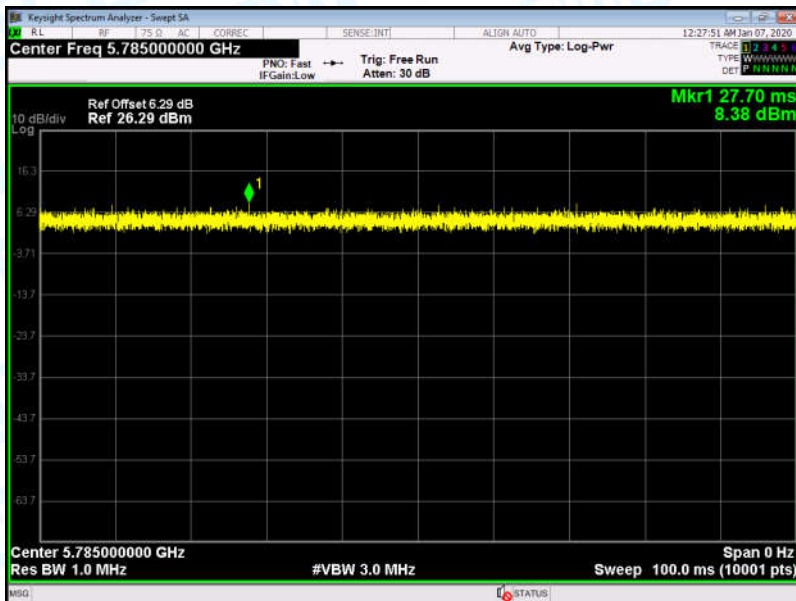
802.11 ac(HT40) 5590MHz U-NII-2C



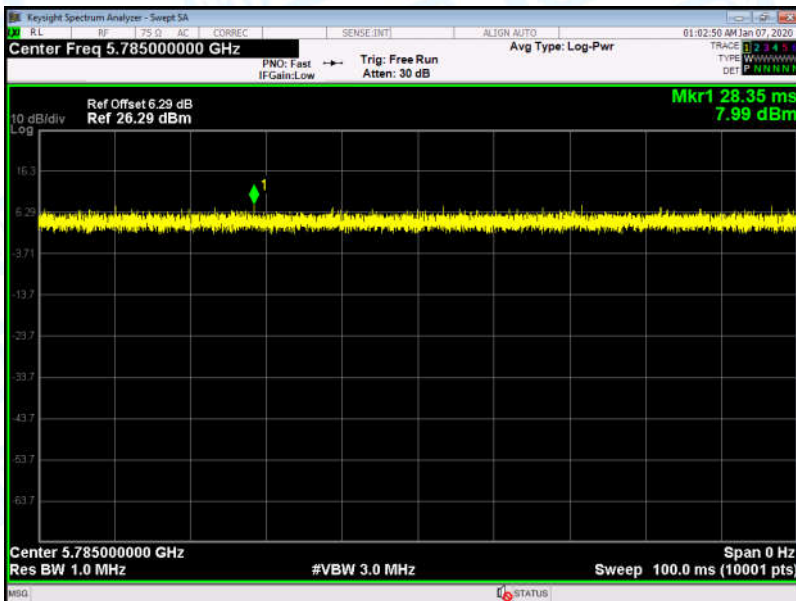
802.11 ac(HT80) 5610MHz U-NII-2C



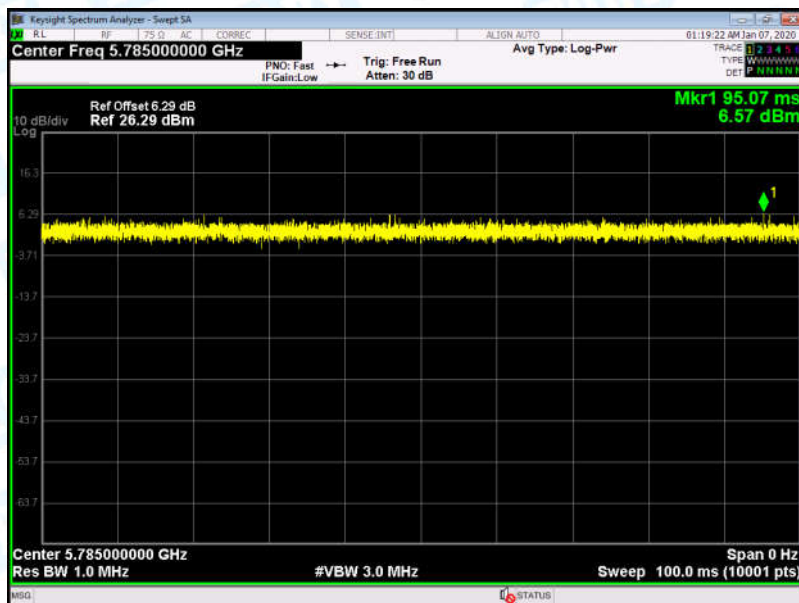
802.11 a 5785MHz U-NII-3



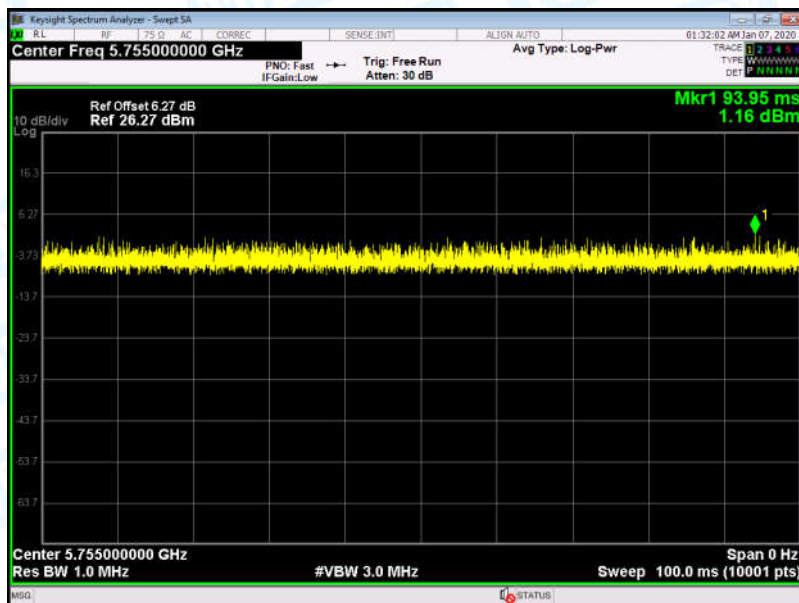
802.11 n(HT20) 5785MHz U-NII-3



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 ℃	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	8.572	11	
	5200	9.091		
	5240	9.519		
802.11n (HT20)	5180	9.957		
	5200	9.703		
	5240	9.867		
802.11ac (VHT20)	5180	9.782		
	5200	8.892		
	5240	10.524		
802.11n (HT40)	5190	6.328		
	5230	6.614		
802.11ac(VHT40)	5190	6.424		
	5230	6.829		
802.11ac(VHT80)	5210	2.899		
Result: PASS				
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}				
Test plots please refer to below pages:				

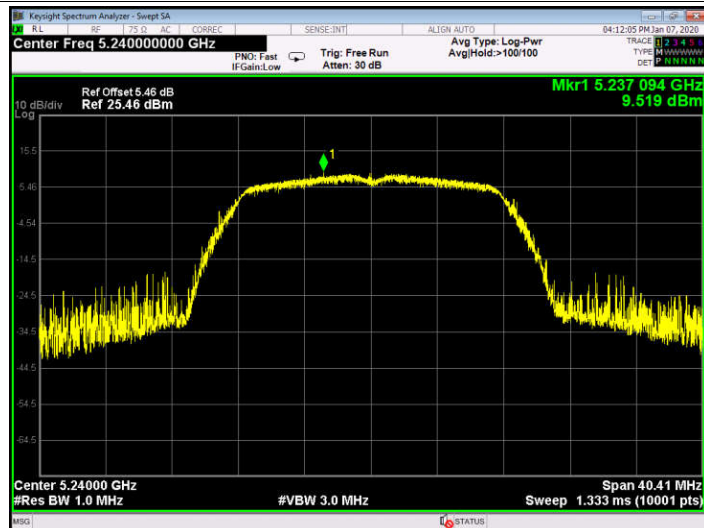
802.11 a 5180 MHz



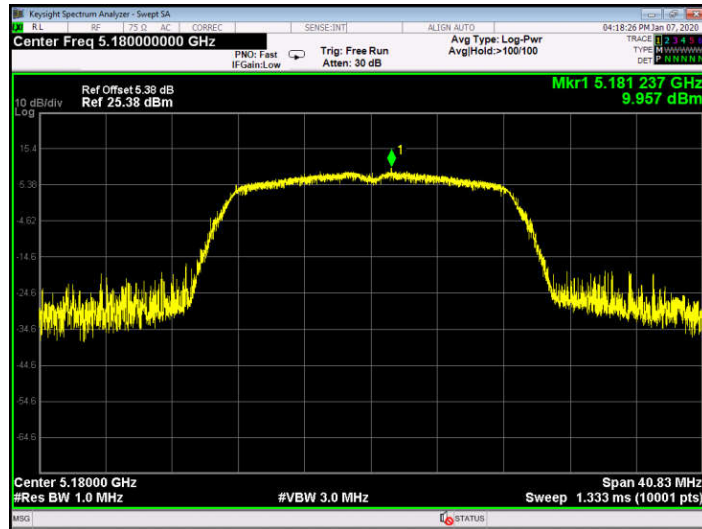
802.11 a 5200 MHz



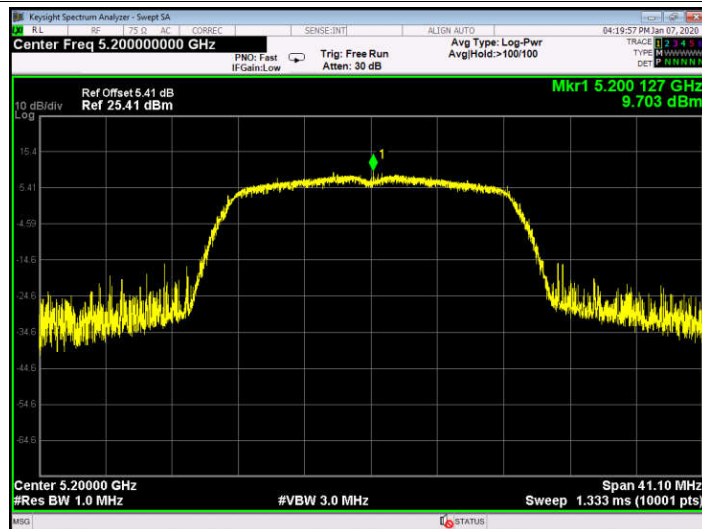
802.11 a 5240 MHz



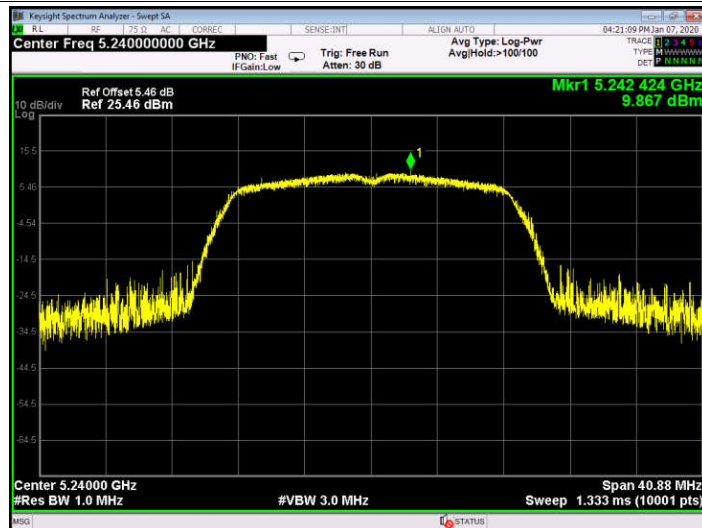
802.11 n(HT20) 5180 MHz



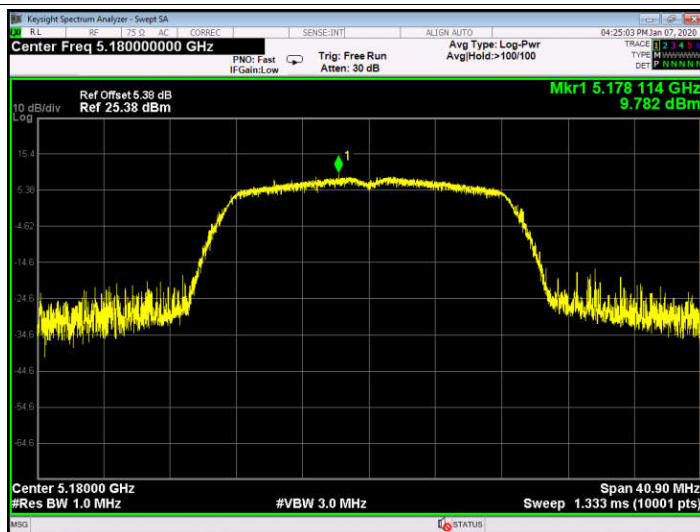
802.11 n(HT20) 5200 MHz



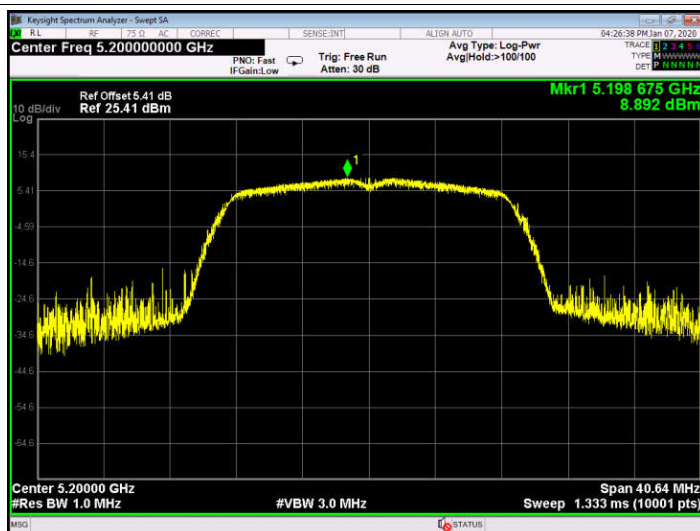
802.11 n(HT20) 5240 MHz



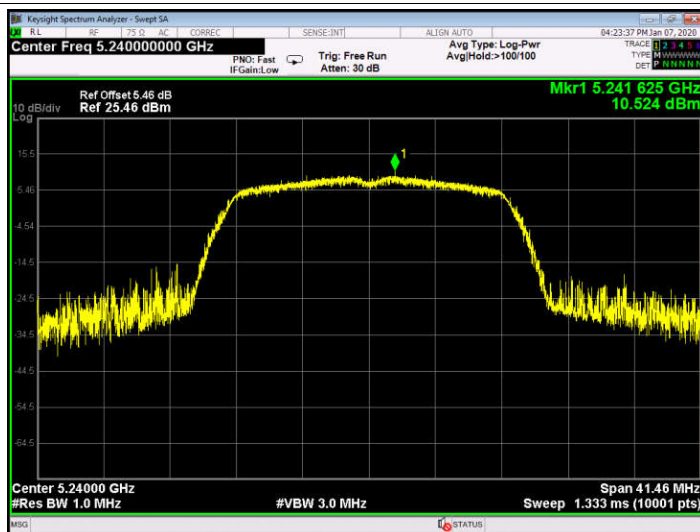
802.11 ac(VHT20) 5180 MHz



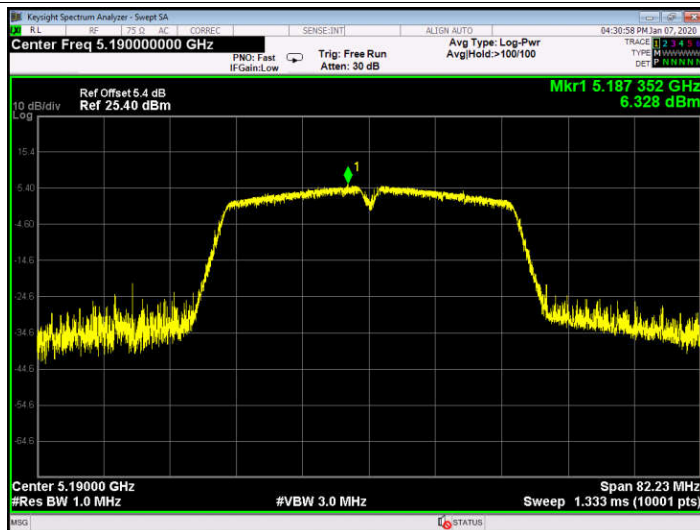
802.11 ac(VHT20) 5200 MHz



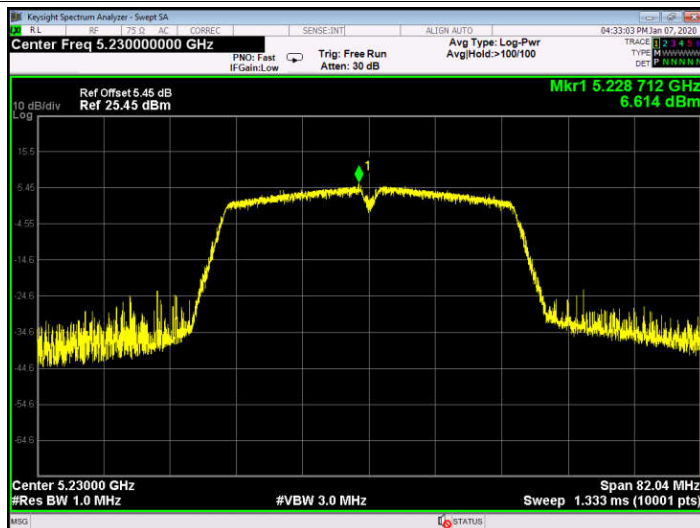
802.11 ac(VHT20) 5240 MHz



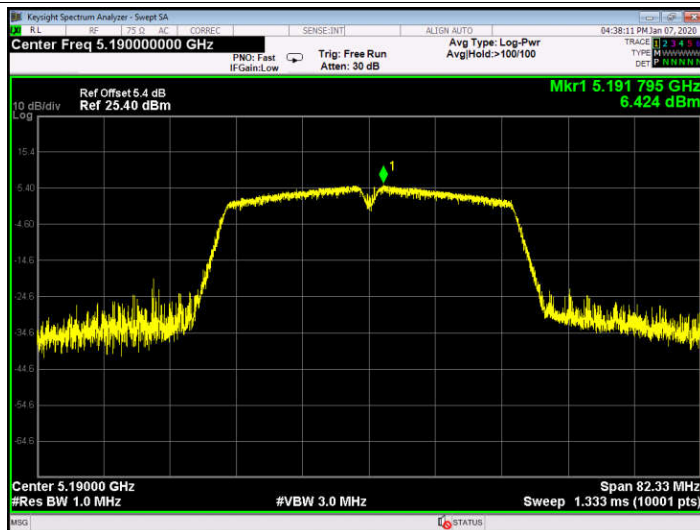
802.11 n(HT40) 5190 MHz



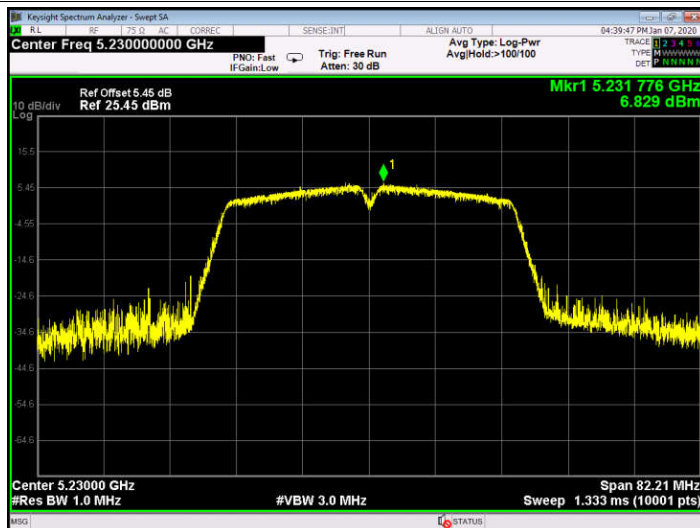
802.11 n(HT40) 5230 MHz

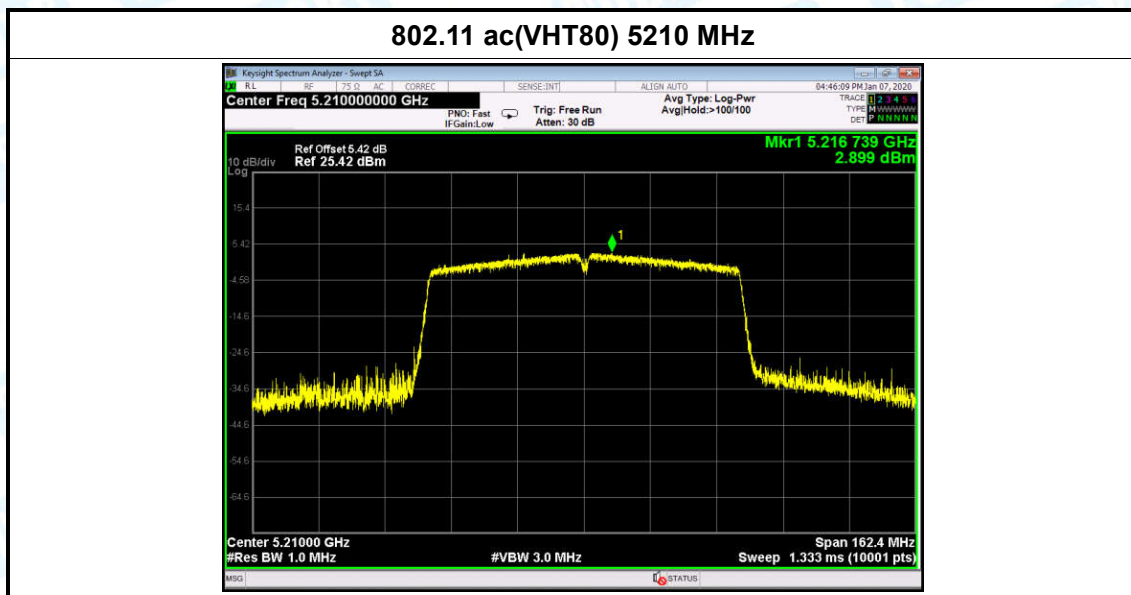


802.11 ac(VHT40) 5190 MHz



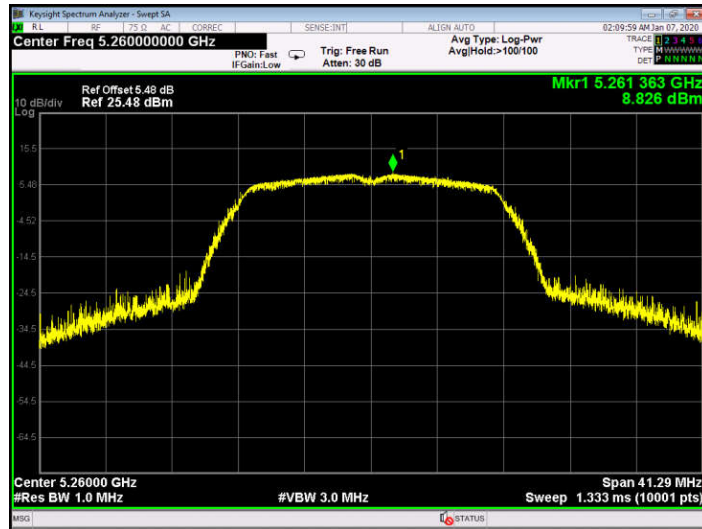
802.11 ac(VHT40) 5230 MHz



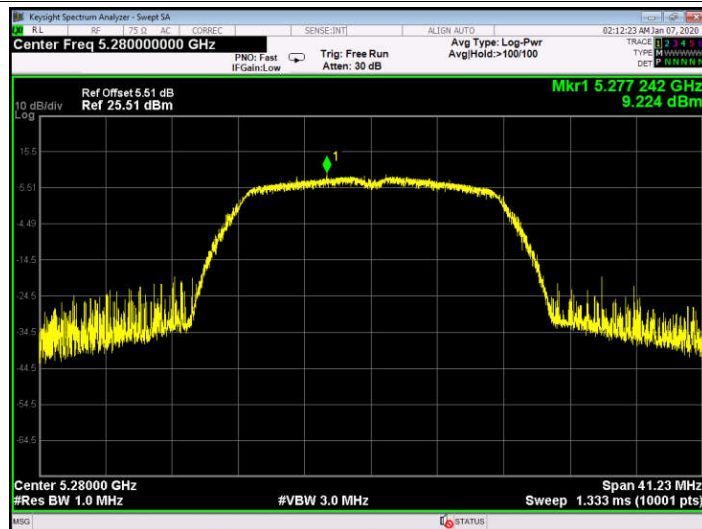


Temperature:	25 ℃	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
U-NII-2A				
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/MHz)	
		Power Density (dBm/MHz)		
802.11a	5260	8.826	11	
	5280	9.224		
	5320	8.674		
802.11n (HT20)	5260	8.589		
	5280	8.352		
	5320	9.430		
802.11ac (VHT20)	5260	8.390		
	5280	8.756		
	5320	8.517		
802.11n (HT40)	5270	6.312		
	5310	5.703		
802.11ac(VHT40)	5270	5.597		
	5310	5.655		
802.11ac(VHT80)	5290	2.624		
Result: PASS				
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}				
Test plots please refer to below pages:				

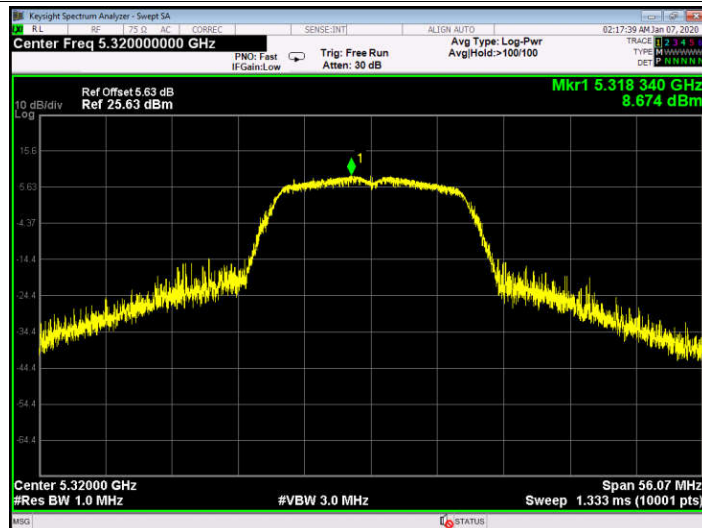
802.11 a 5260 MHz



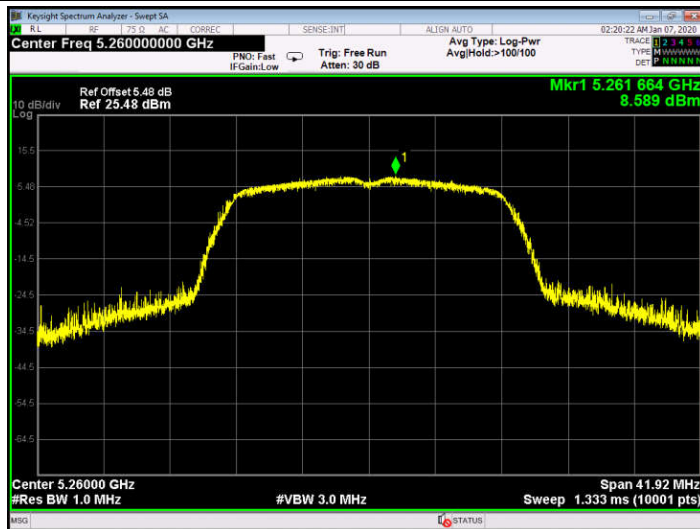
802.11 a 5280 MHz



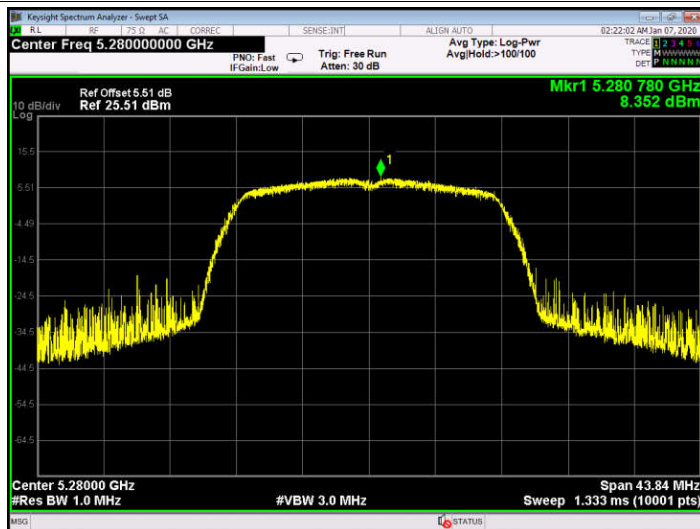
802.11 a 5320 MHz



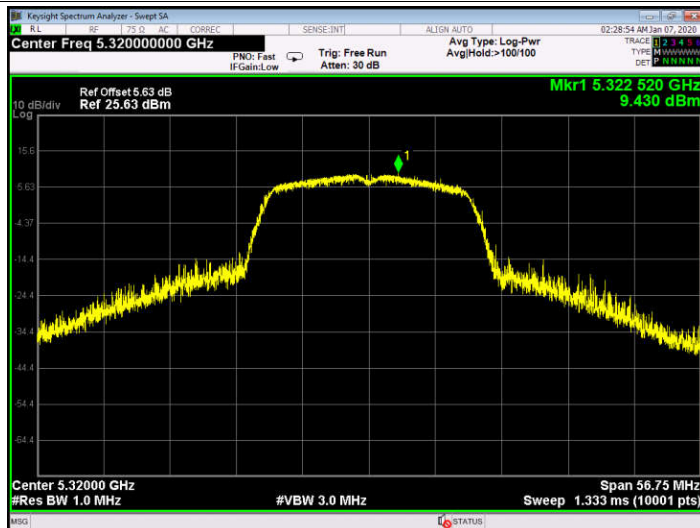
802.11 n(HT20) 5260 MHz



802.11 n(HT20) 5280 MHz



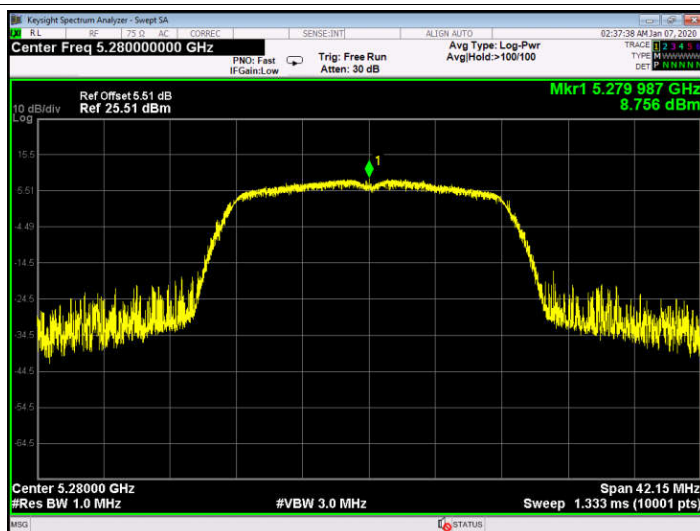
802.11 n(HT20) 5320 MHz



802.11 ac(VHT20) 5260 MHz



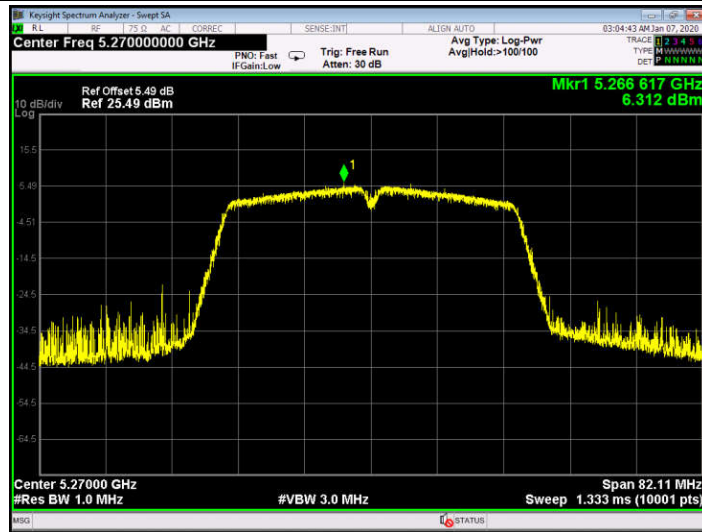
802.11 ac(VHT20) 5280 MHz



802.11 ac(VHT20) 5320 MHz



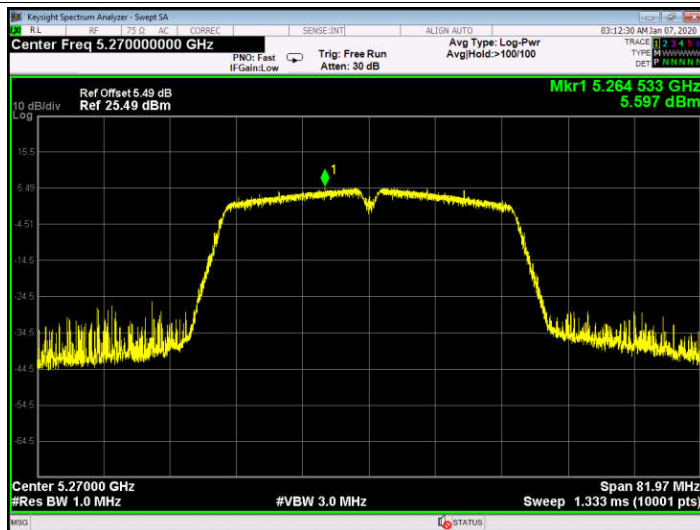
802.11 n(HT40) 5270 MHz



802.11 n(HT40) 5310 MHz



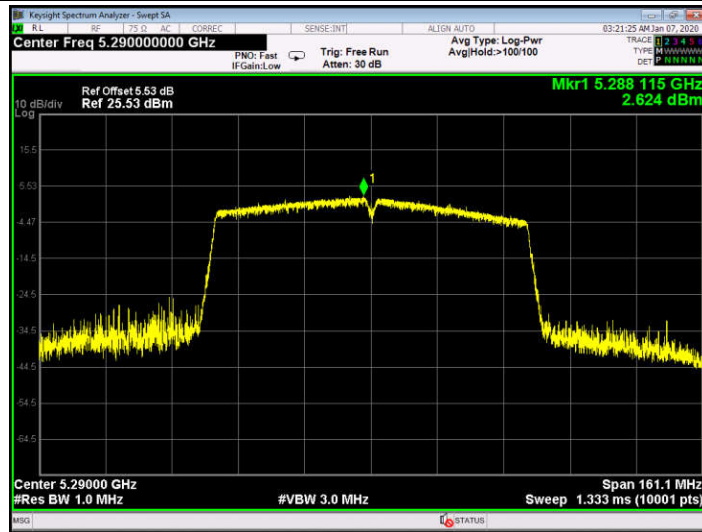
802.11 ac(VHT40) 5270 MHz



802.11 ac(VHT40) 5310 MHz

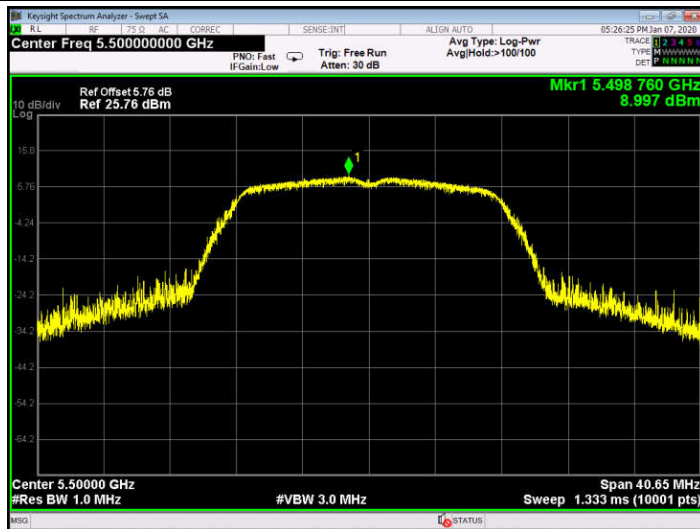


802.11 ac(VHT80) 5290 MHz

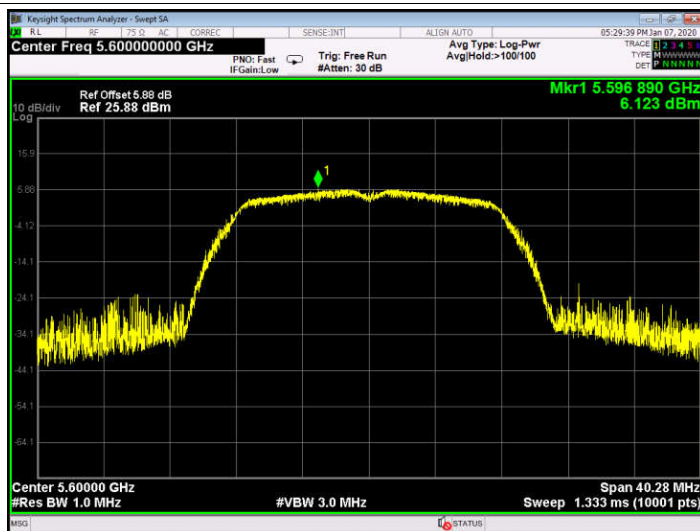


Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
U-NII-2C				
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/MHz)	
		Power Density (dBm/MHz)		
802.11a	5500	8.997	11	
	5600	6.123		
	5720	8.608		
802.11n (HT20)	5500	7.567		
	5600	6.082		
	5720	7.781		
802.11ac (HT20)	5500	8.313		
	5600	7.296		
	5720	9.075		
802.11n (HT40)	5510	6.453		
	5590	2.877		
	5710	3.243		
802.11ac(40)	5510	5.993		
	5590	3.483		
	5710	5.395		
802.11ac(80)	5530	2.949		
	5610	0.080		
	5690	1.237		
Result: PASS				
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}				
Test plots please refer to below pages:				

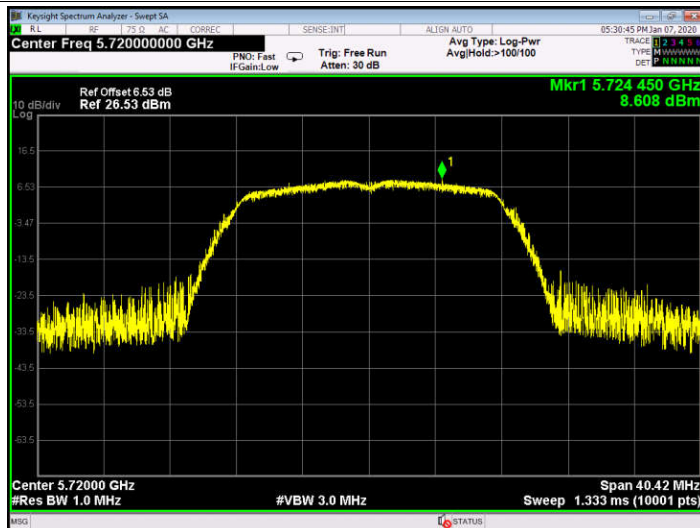
802.11 a 5500 MHz



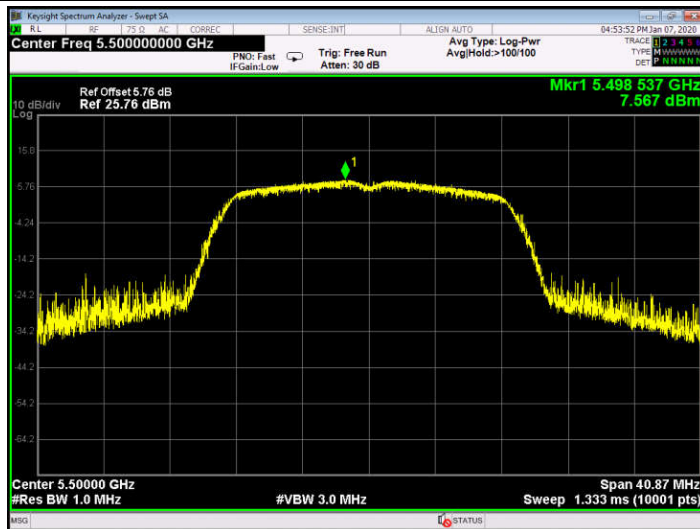
802.11 a 5600 MHz



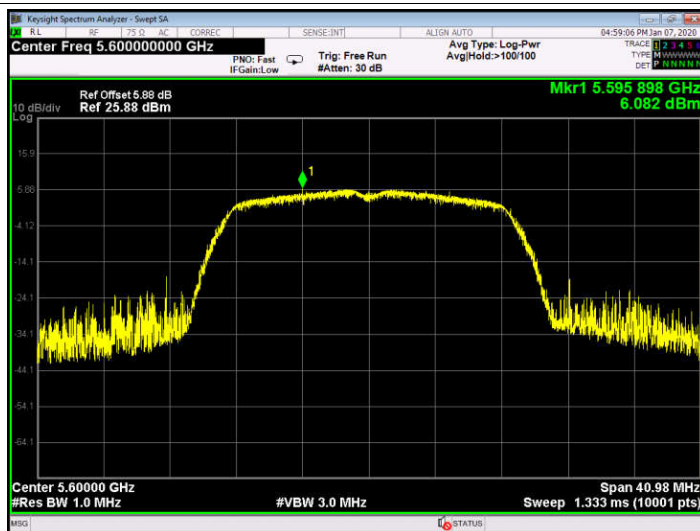
802.11 a 5720 MHz



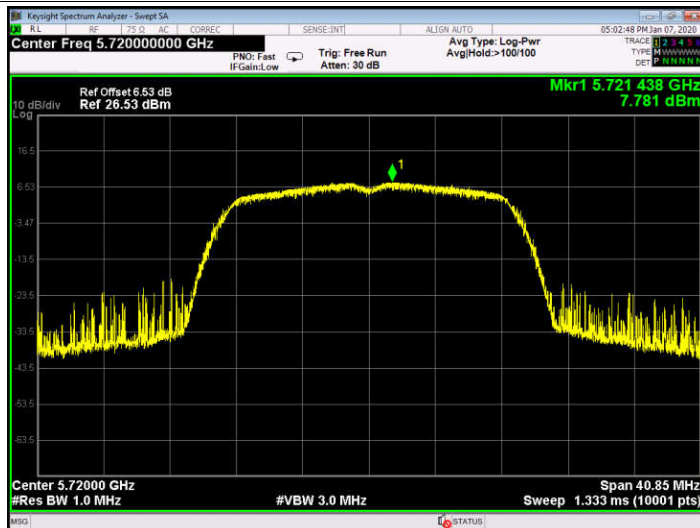
802.11 n(HT20) 5500 MHz



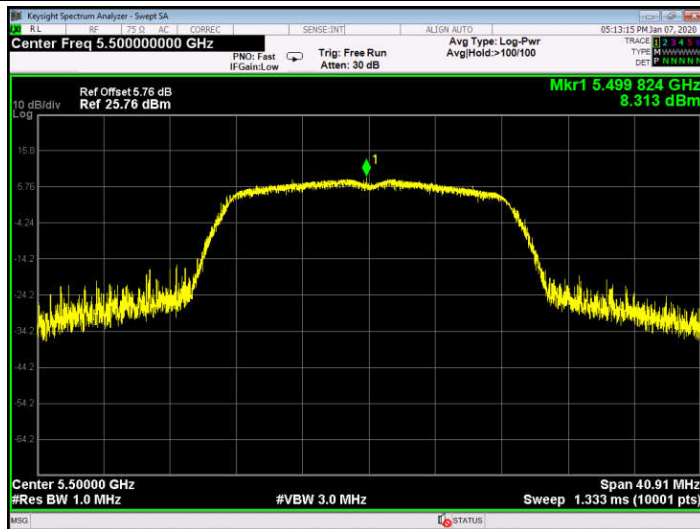
802.11 n(HT20) 5600 MHz



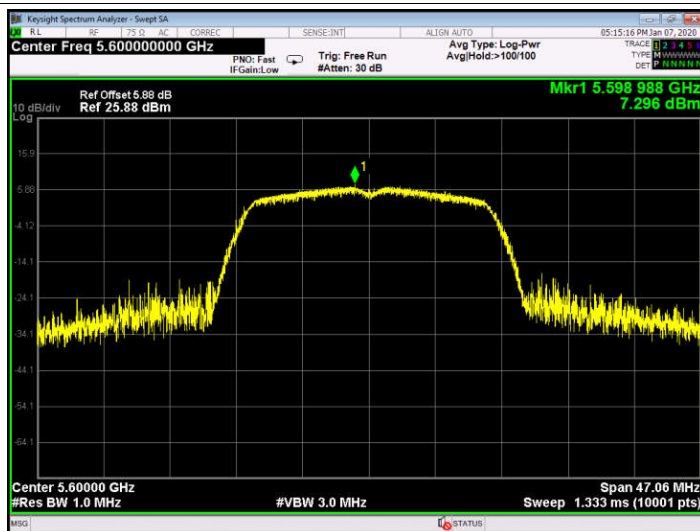
802.11 n(HT20) 5720 MHz



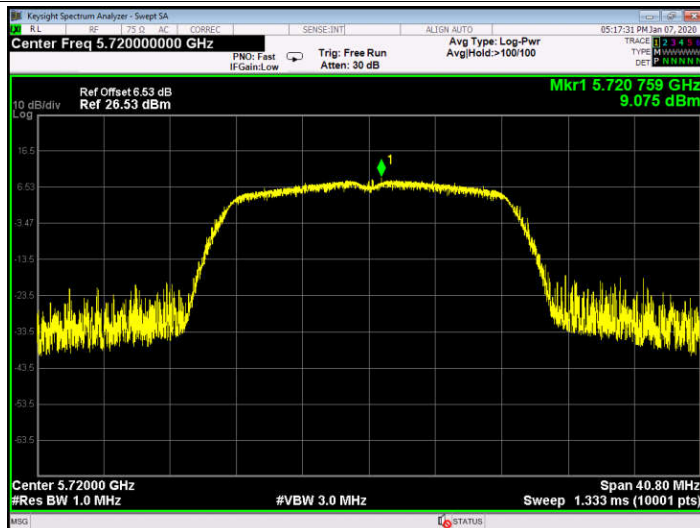
802.11 ac(VHT20) 5500 MHz



802.11 ac(VHT20) 5600 MHz



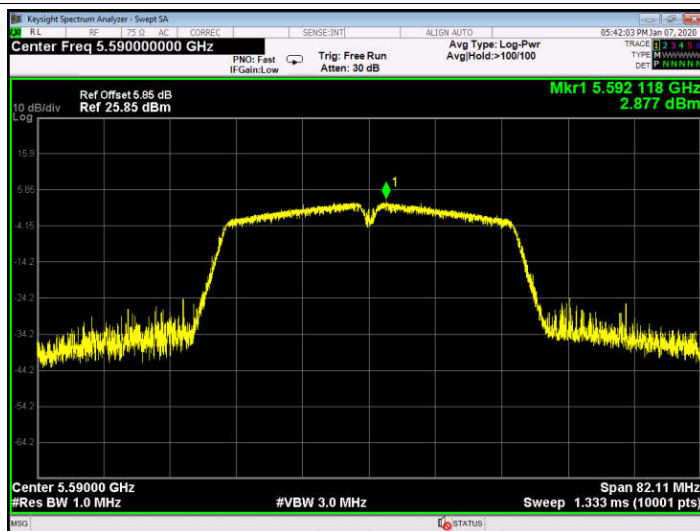
802.11 ac(VHT20) 5720 MHz



802.11 n(HT40) 5510 MHz



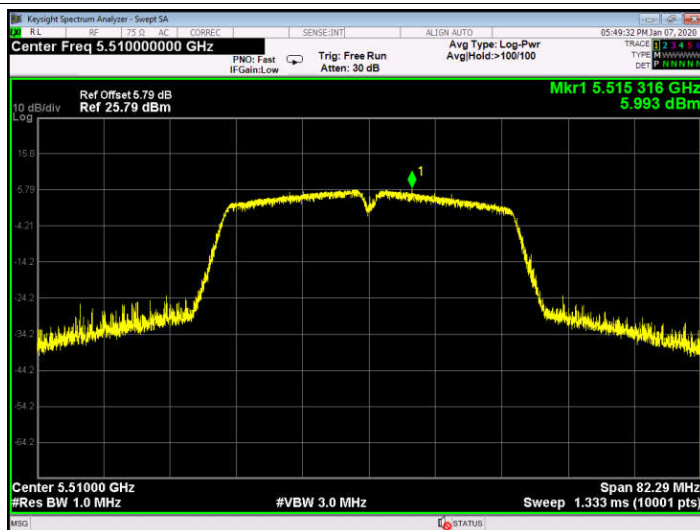
802.11 n(HT40) 5590 MHz



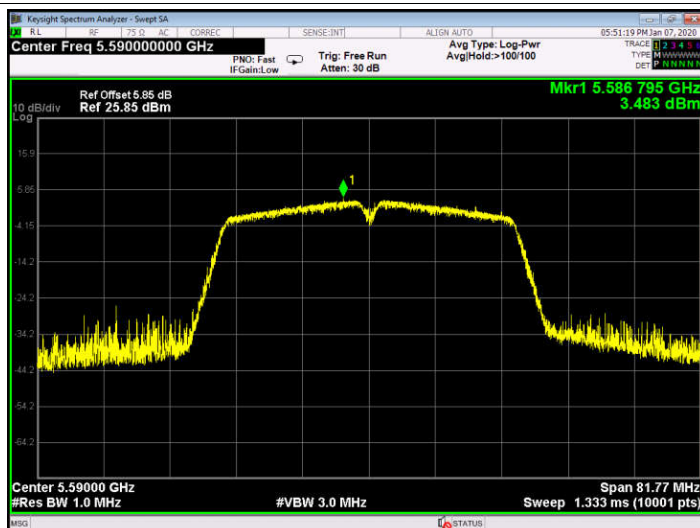
802.11 n(HT40) 5710 MHz



802.11 ac(VHT40) 5510 MHz



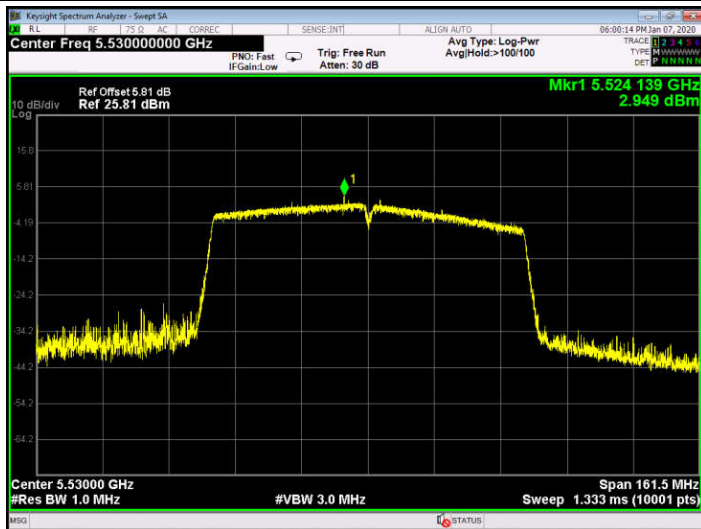
802.11 ac(VHT40) 5590 MHz



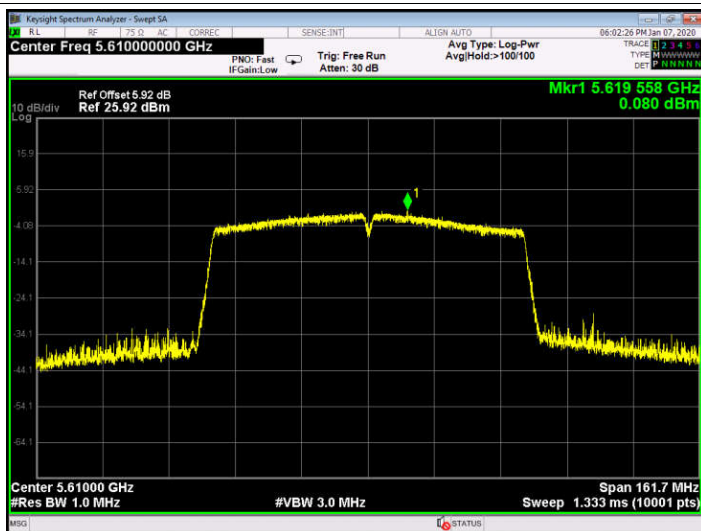
802.11 ac(VHT40) 5710 MHz



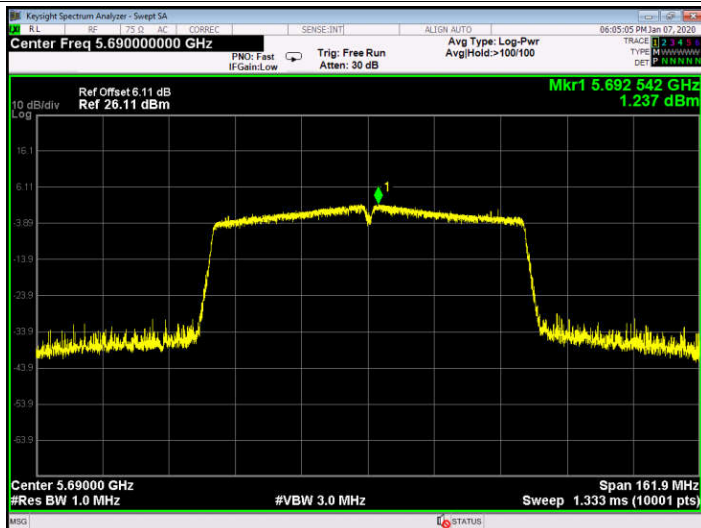
802.11 ac(VHT80) 5530 MHz



802.11 ac(VHT80) 5610 MHz

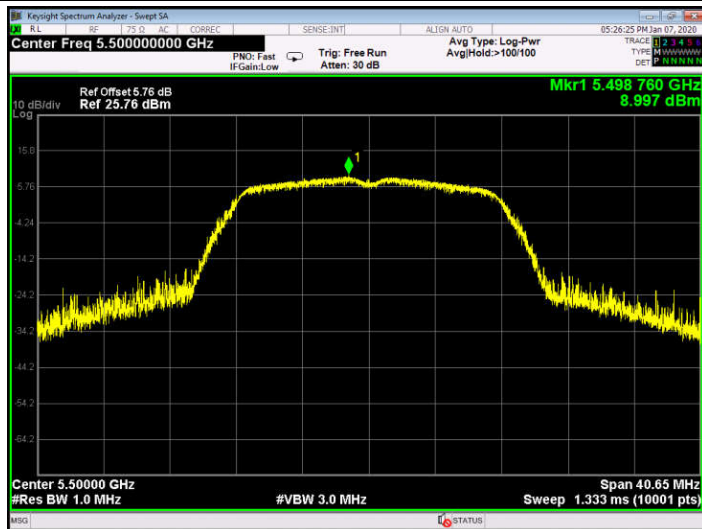


802.11 ac(VHT80) 5690 MHz

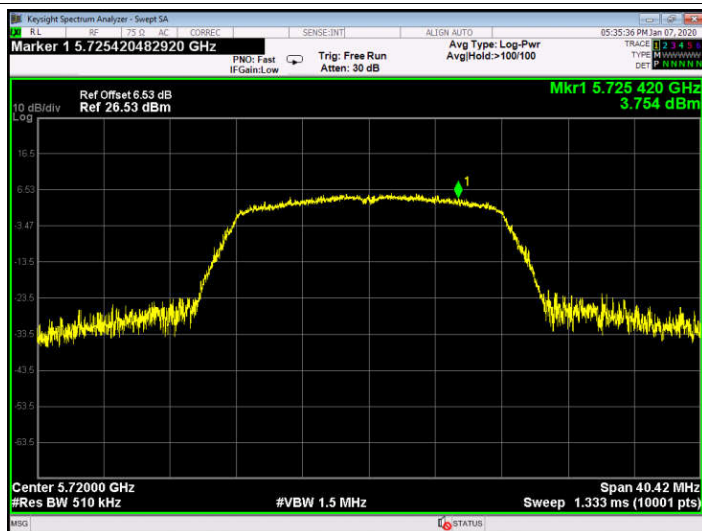


Temperature:	25 °C	Relative Humidity:	55%		
Test Voltage:	DC 3.8V				
U-NII-2C					
Test Mode	Frequency (MHz)	Power Density		Limit	
		(dBm/MHz)	(dBm/500KHz)	(dBm/MHz)	(dBm/500KHz)
802.11a 5720MHz Straddle 5.47-5.725GHz		8.997	-----	11	-----
802.11a 5720MHz Straddle 5.725-5.85GHz		-----	3.754	-----	30
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz		8.454	-----	11	-----
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz		-----	3.314	-----	30
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz		9.032	-----	11	-----
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz		-----	9.032	-----	30
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz		2.877	-----	11	-----
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz		-----	-4.425	-----	30
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz		3.483	-----	11	-----
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz		-----	-2.122	-----	30
802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz		1.237	-----	11	-----
802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz		-----	-4.396	-----	30
Result: PASS					
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}					
Test plots please refer to below pages:					

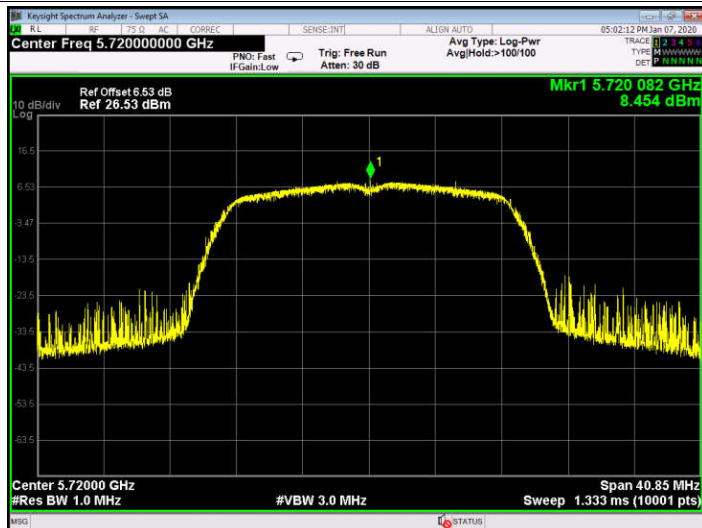
802.11a 5720MHz Straddle 5.47-5.725GHz



802.11a 5720MHz Straddle 5.725-5.85GHz



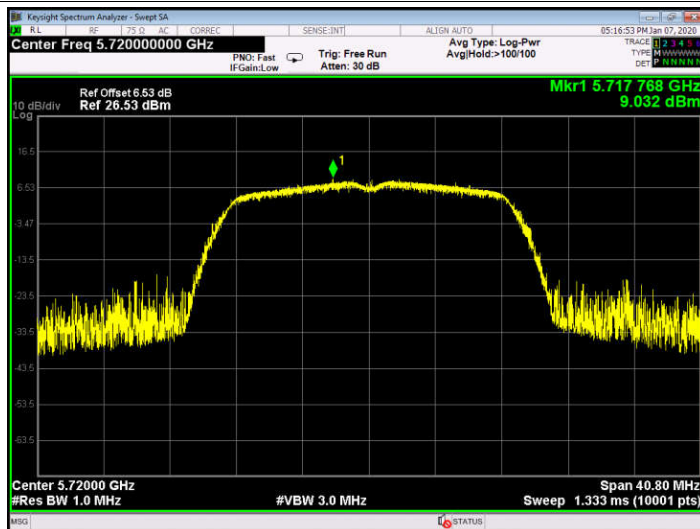
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz



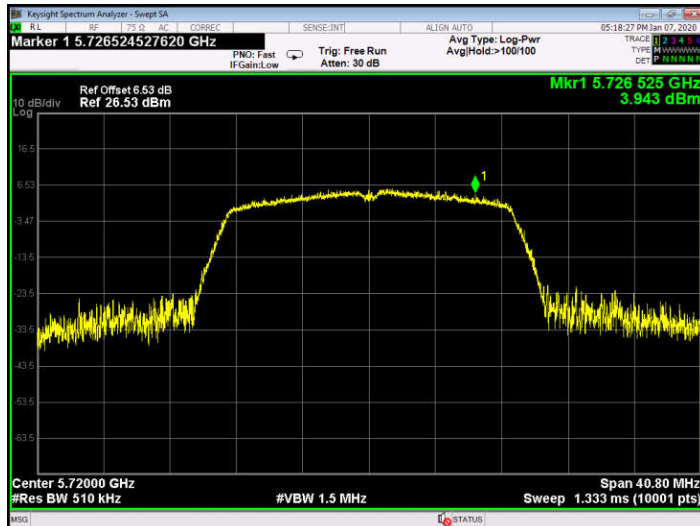
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz



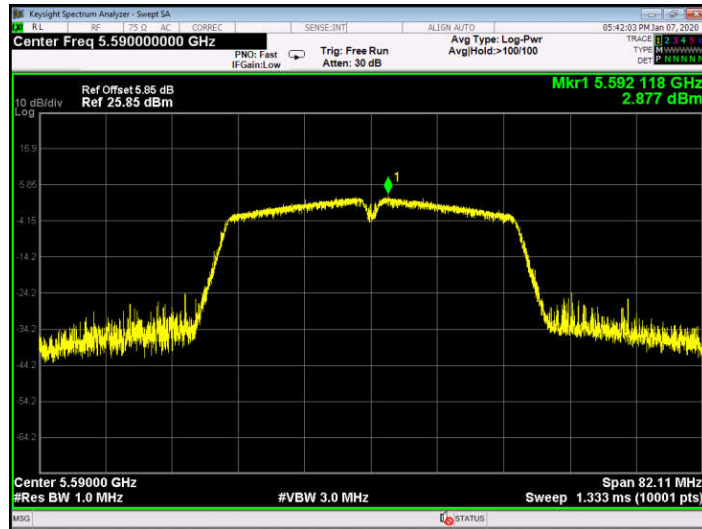
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz



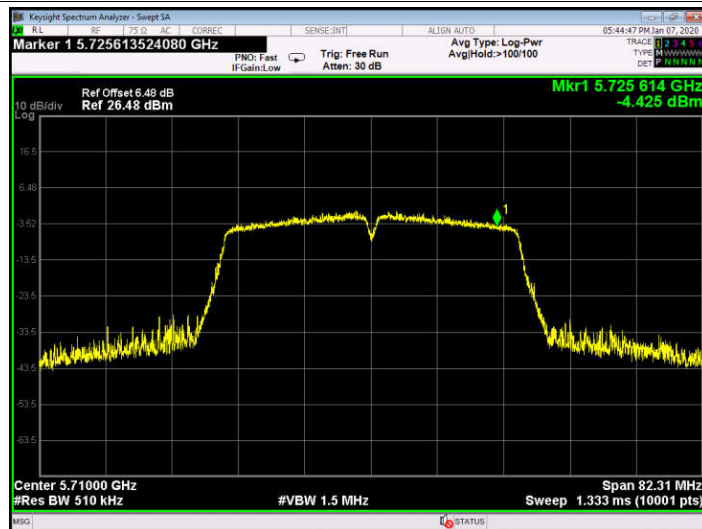
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz



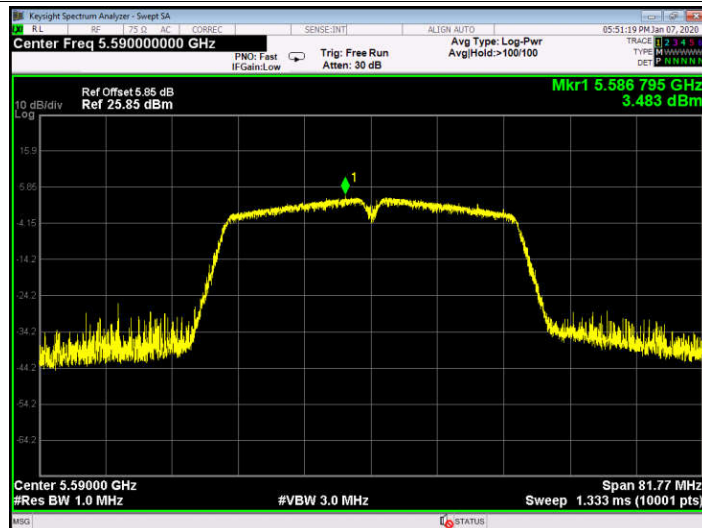
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz



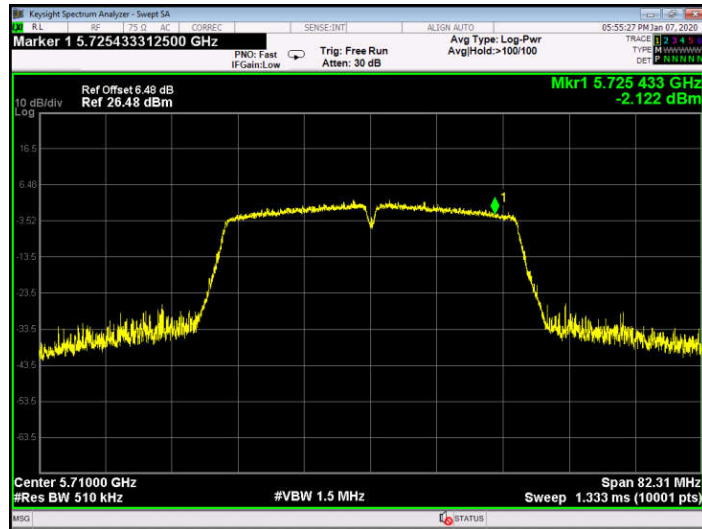
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz



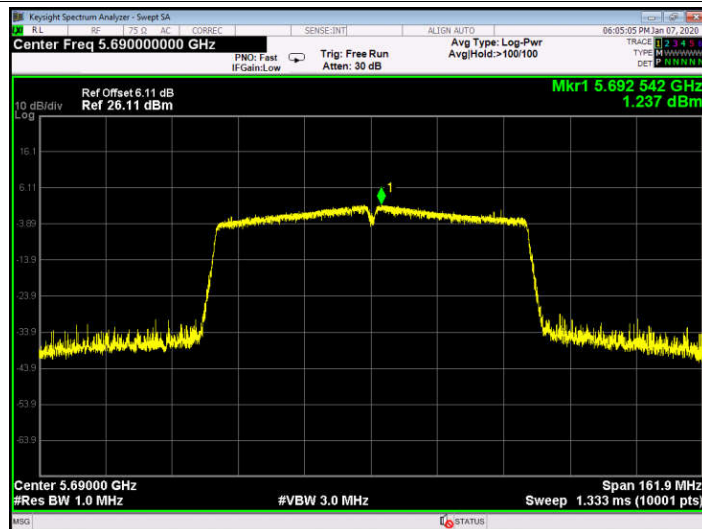
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz



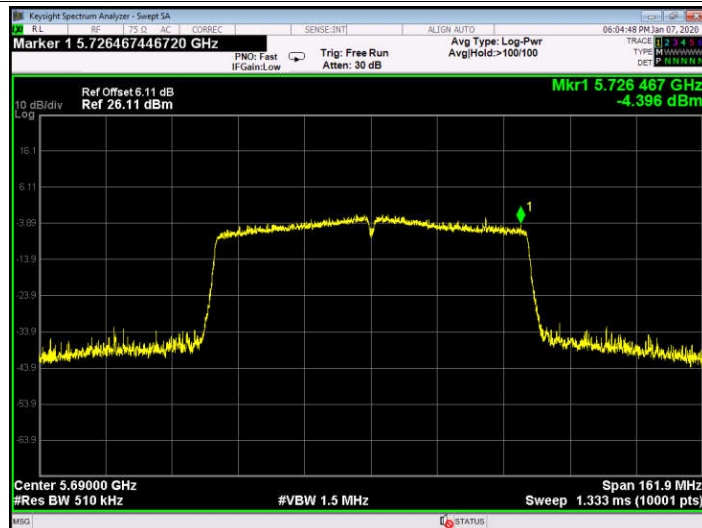
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz



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



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



Temperature:	25 ℃	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	4.524	30
	5785	4.931	
	5825	2.773	
802.11n (HT20)	5745	5.514	
	5785	4.200	
	5825	3.586	
802.11ac (VHT20)	5745	1.550	
	5785	2.466	
	5825	3.254	
802.11n (HT40)	5755	-0.611	
	5795	0.451	
802.11ac(VHT40)	5755	0.143	
	5795	0.966	
802.11ac(VHT80)	5775	-2.608	
Result: PASS			
Remark: the Directional Gain=2.92dBi<6 dBi. So P _{out} =P _{limit}			
Test plots please refer to below pages:			

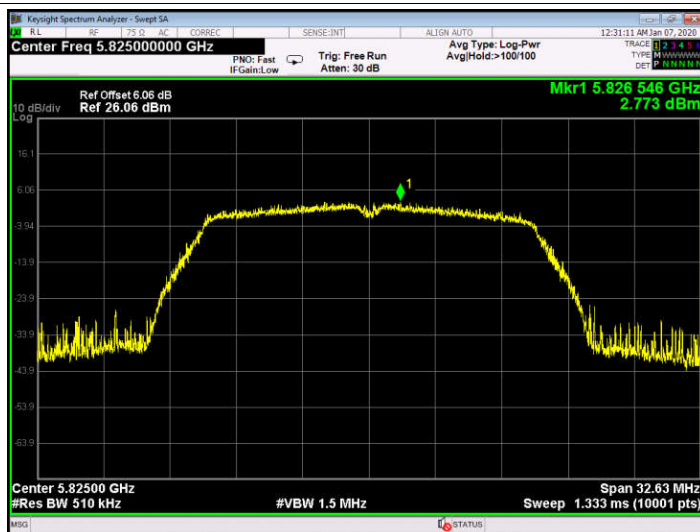
802.11 a 5745 MHz



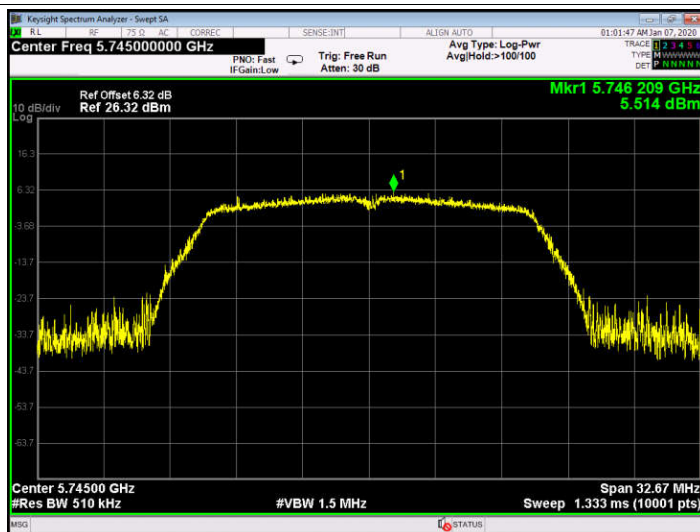
802.11 a 5785 MHz



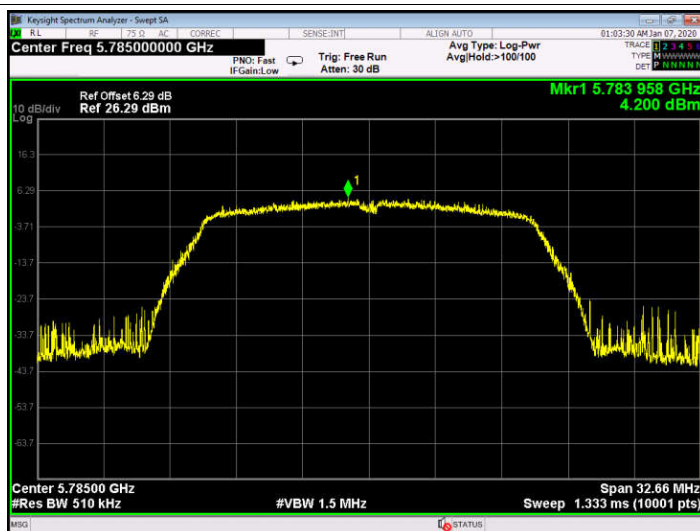
802.11 a 5825 MHz



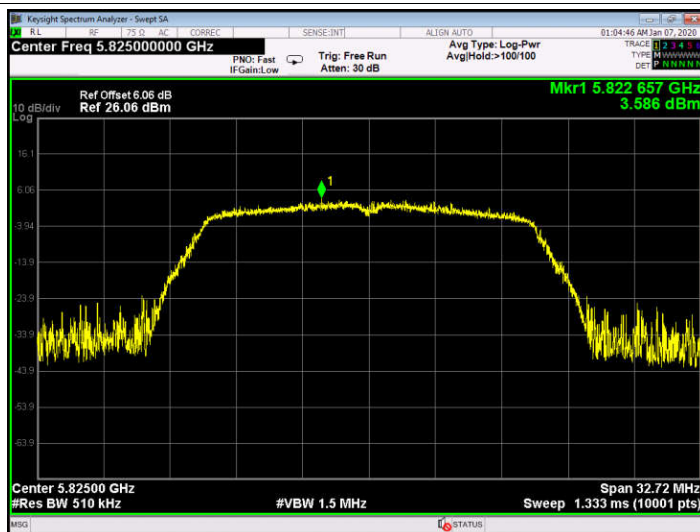
802.11 n(HT20) 5745 MHz



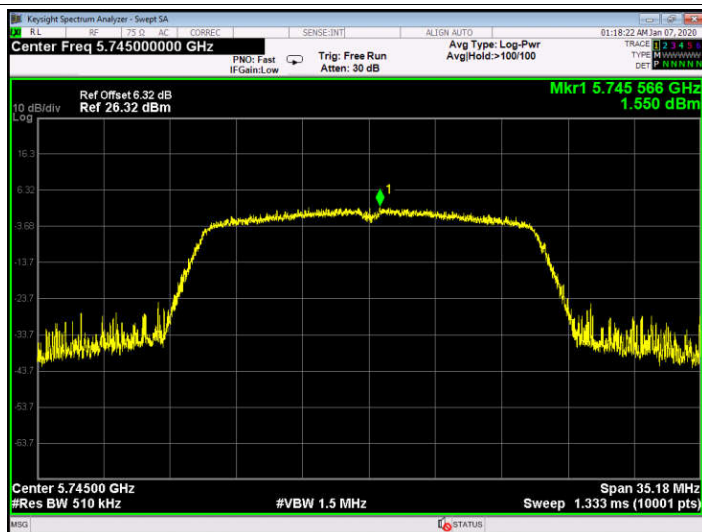
802.11 n(HT20) 5785 MHz



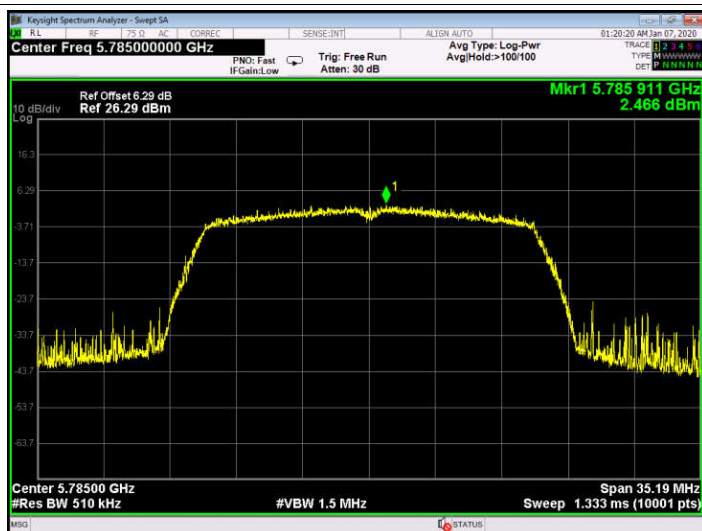
802.11 n(HT20) 5825 MHz



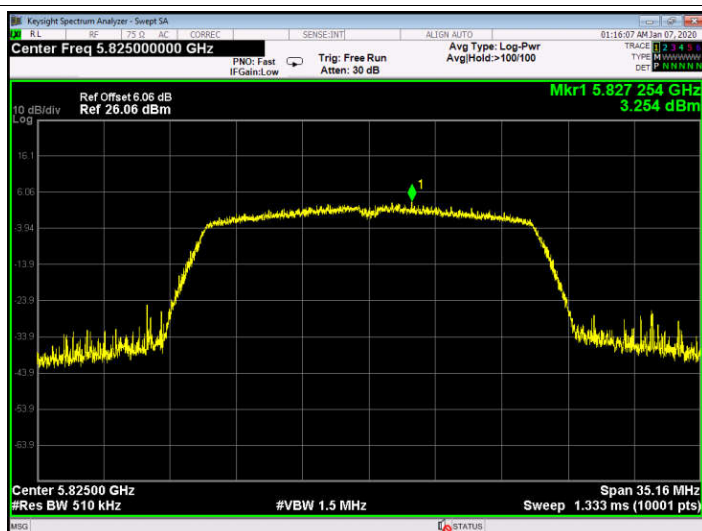
802.11 ac(VHT20) 5745 MHz



802.11 ac(VHT20) 5785 MHz



802.11 ac(VHT20) 5825 MHz



802.11 n(HT40) 5755 MHz



802.11 n(HT40) 5795 MHz



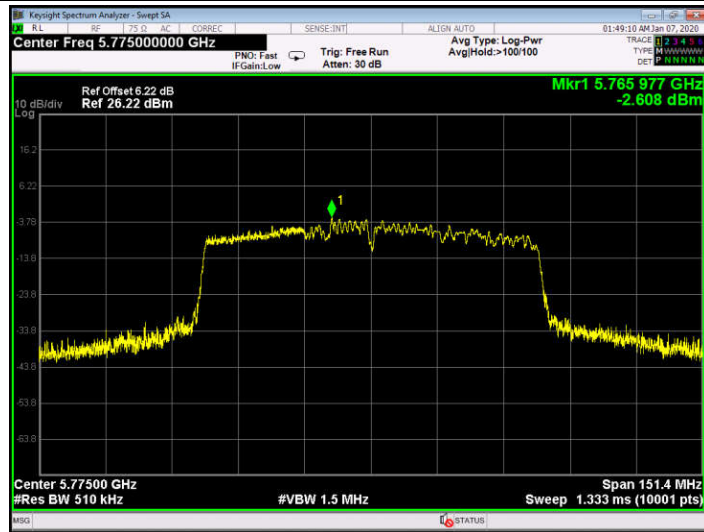
802.11 ac(VHT40) 5755 MHz



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	5180.0500
120	5180.0400
118	5180.0400
Limit Range (MHz)	5150-5250
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5180.0300
10	5180.0500
20	5180.0500
30	5180.0500
40	5180.0100
50	5180.0300
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	5280.0027
120	5280.0055
118	5280.0035
Limit Range (MHz)	5250-5350
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5280.0076
10	5280.0025
20	5280.0047
30	5280.0034
40	5280.0046
50	5280.0045
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	5499.9944
120	5499.9955
118	5499.9945
Limit Range (MHz)	5470-5725
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5499.9925
10	5499.9935
20	5499.9944
30	5499.9954
40	5499.9915
50	5499.9936
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	5745.0500
118	5744.0100
Limit Range (MHz)	5725-5850
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5745.0300
10	5745.0100
20	5745.0500
30	5745.0400
40	5745.0500
50	5745.0400
Limit Range (MHz)	5725-5850
Result	PASS

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