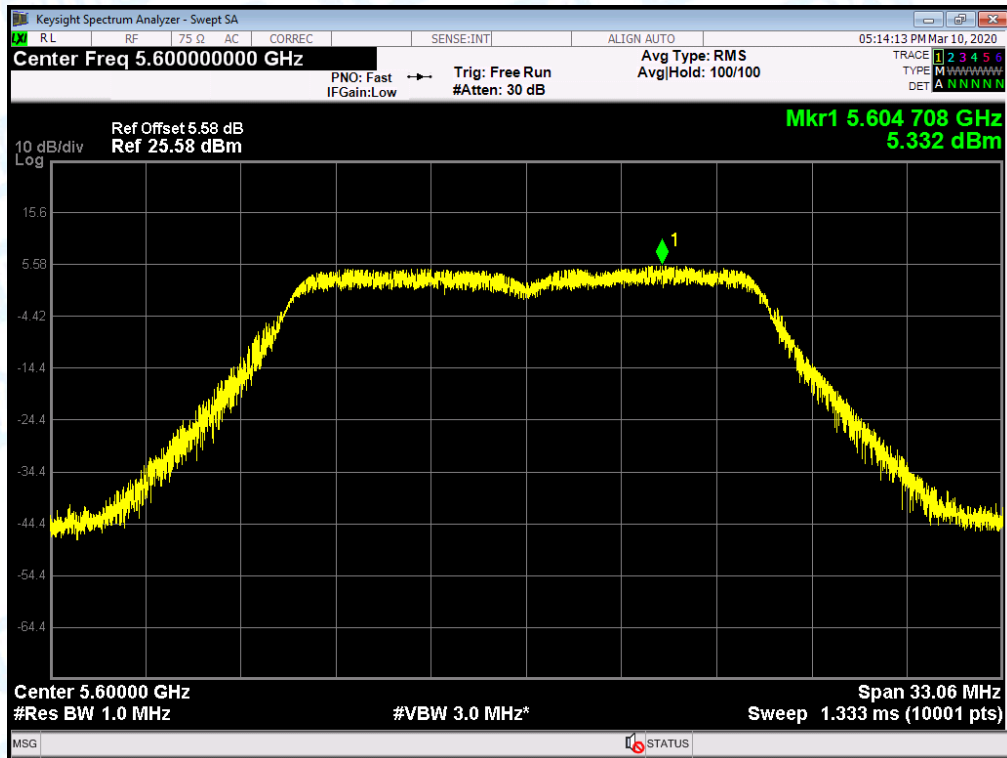
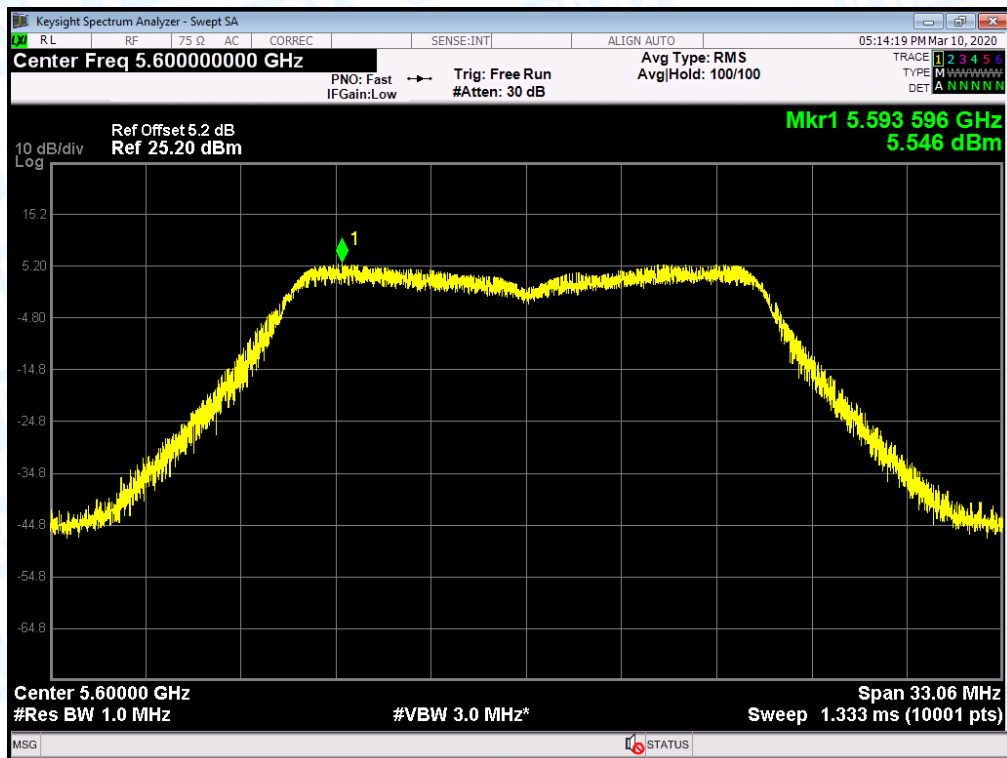


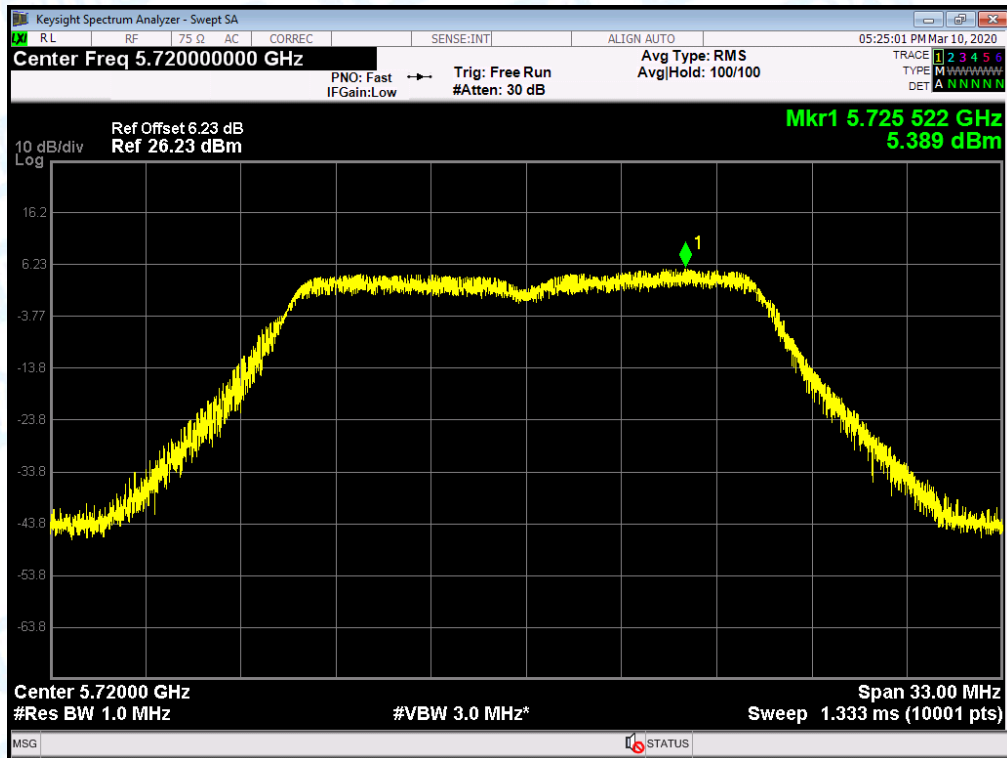
PSD NVNT 802.11a 5600MHz Ant.A



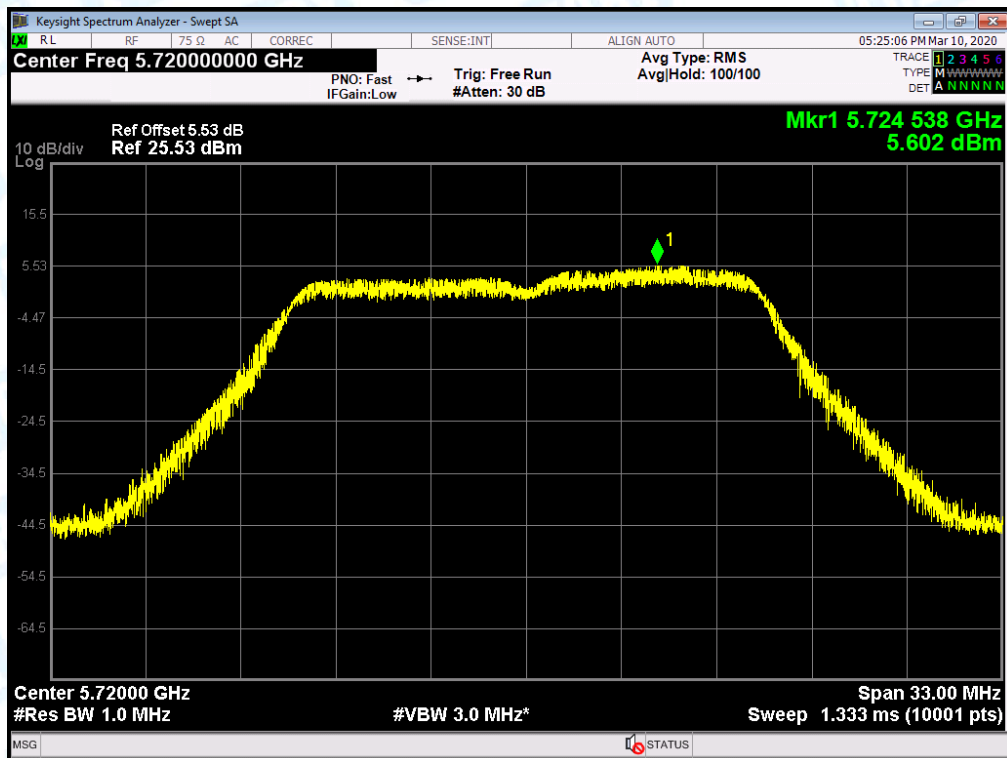
PSD NVNT 802.11a 5600MHz Ant.B



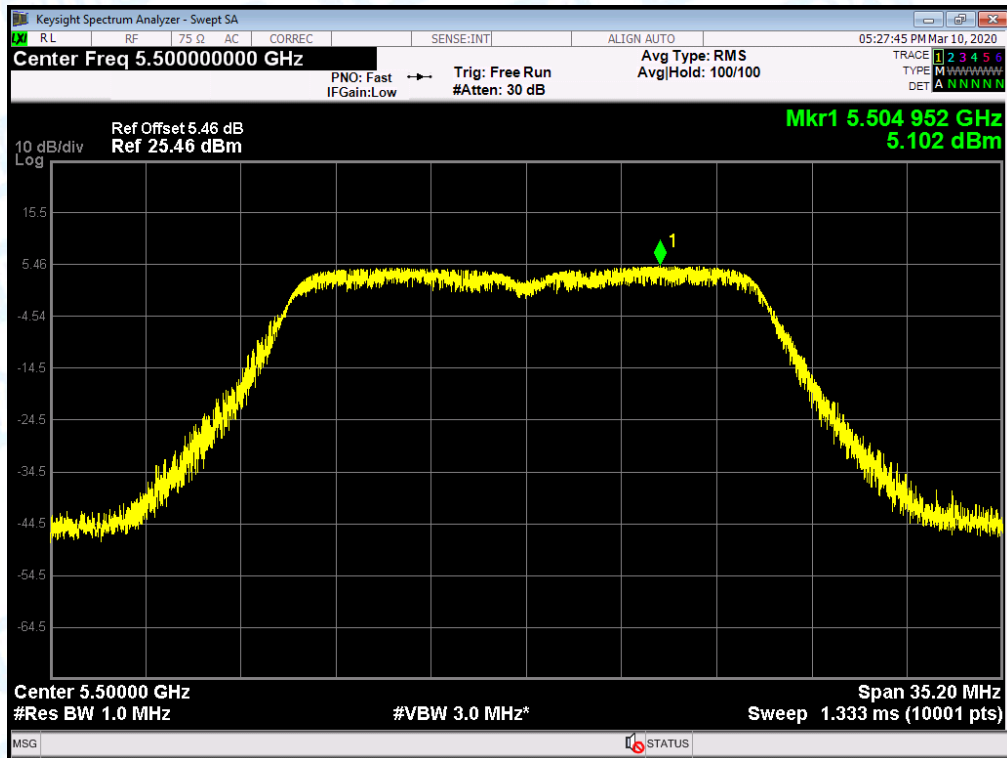
PSD NVNT 802.11a 5720MHz Ant.A



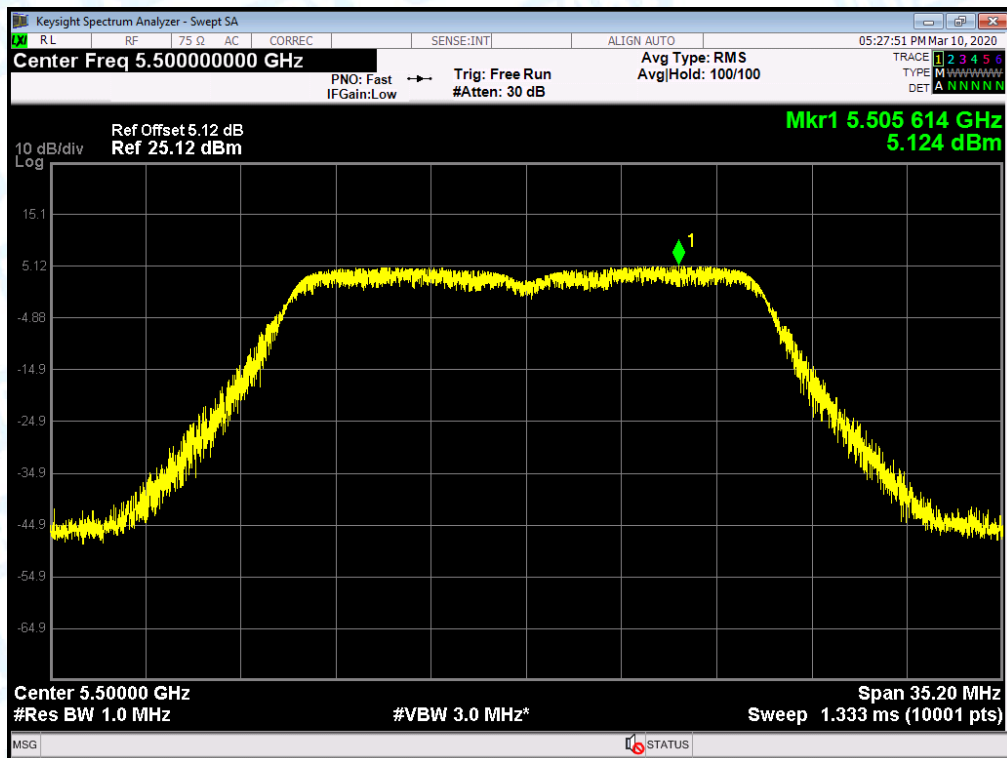
PSD NVNT 802.11a 5720MHz Ant.B



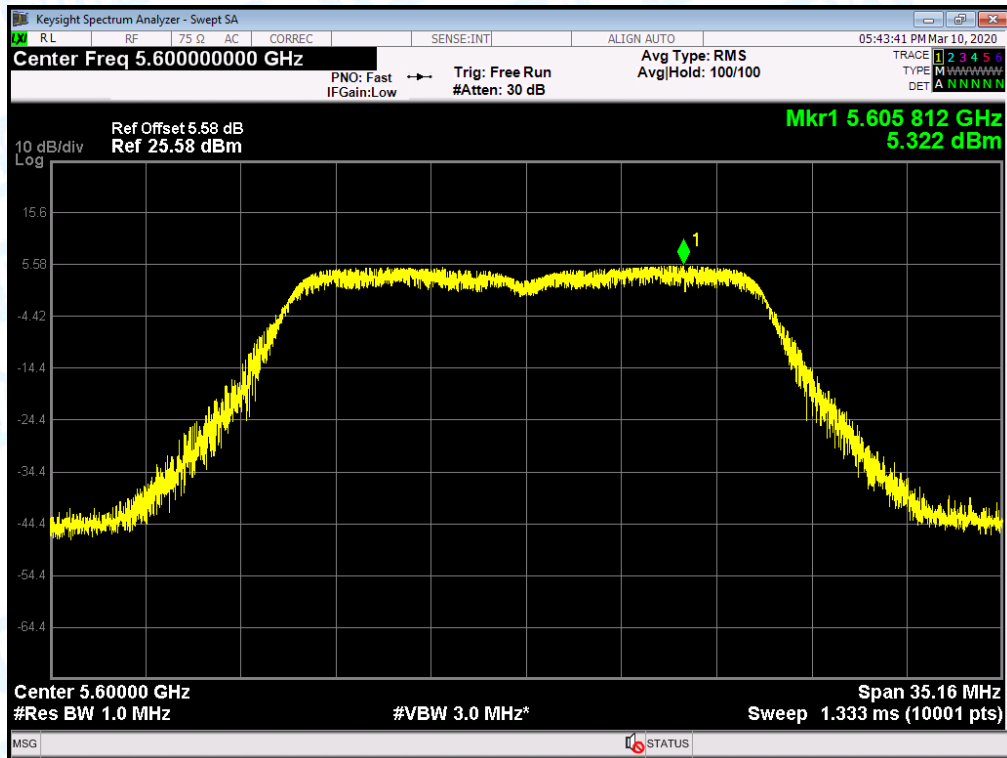
PSD NVNT 802.11n(HT20) 5500MHz Ant.A



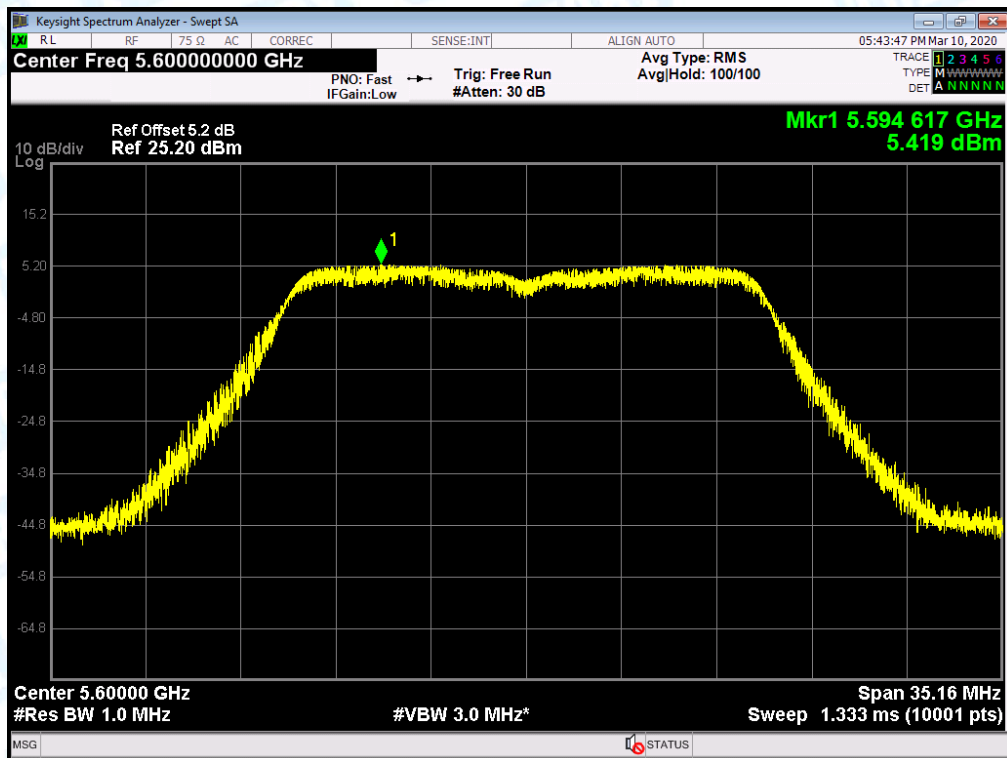
PSD NVNT 802.11n(HT20) 5500MHz Ant.B



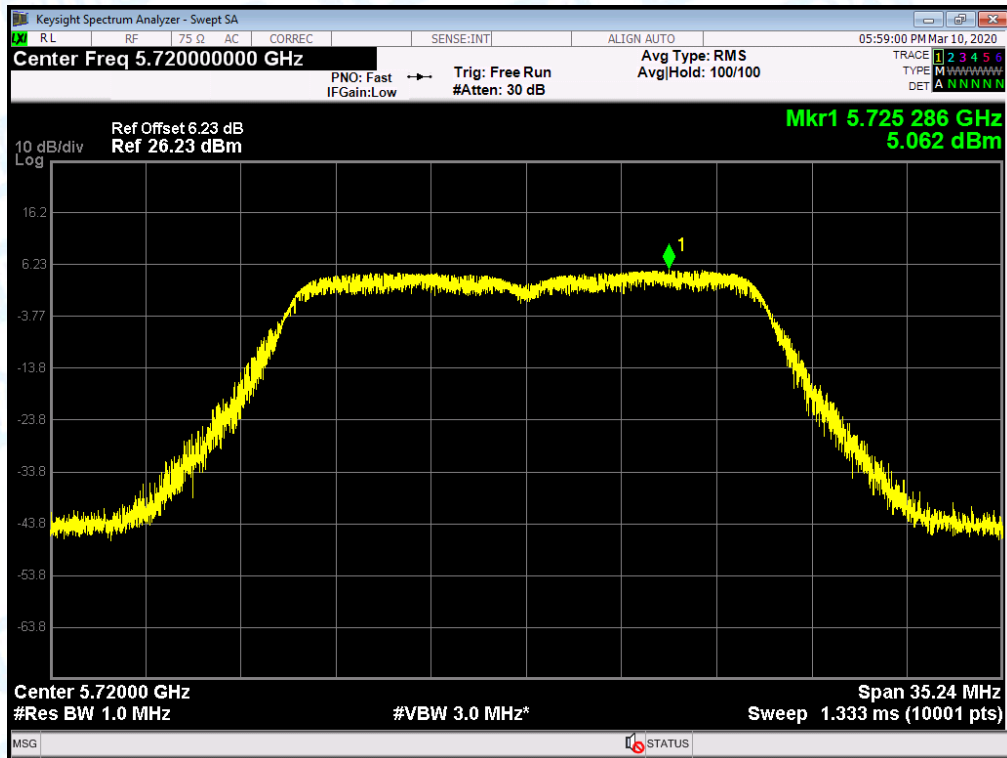
PSD NVNT 802.11n(HT20) 5600MHz Ant.A



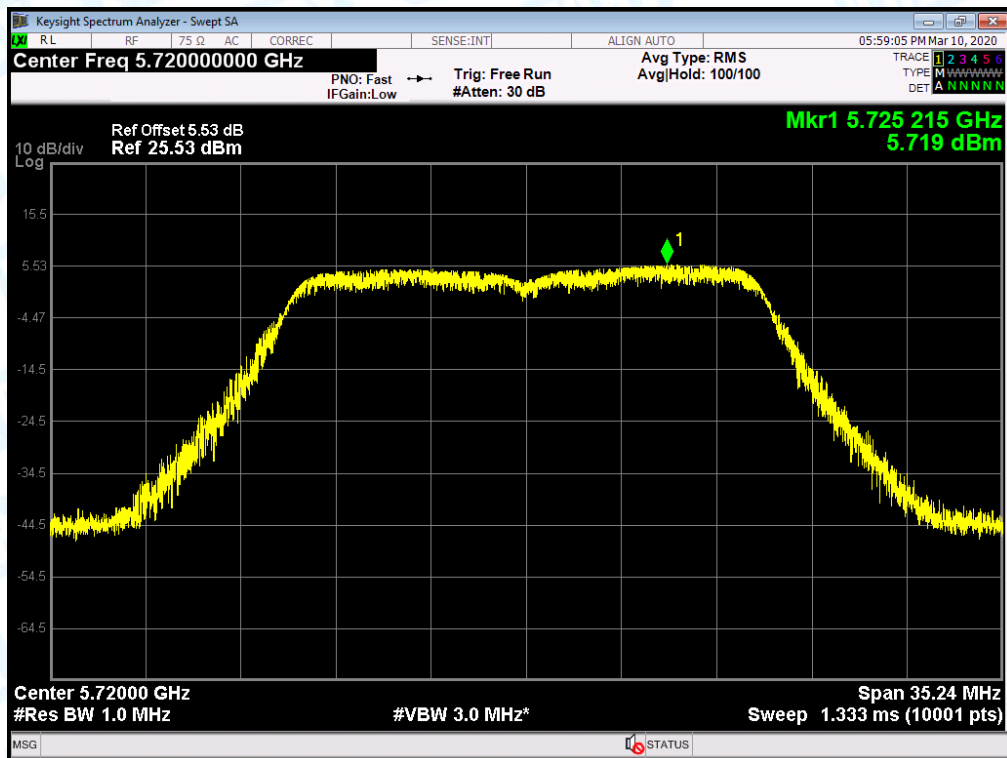
PSD NVNT 802.11n(HT20) 5600MHz Ant.B



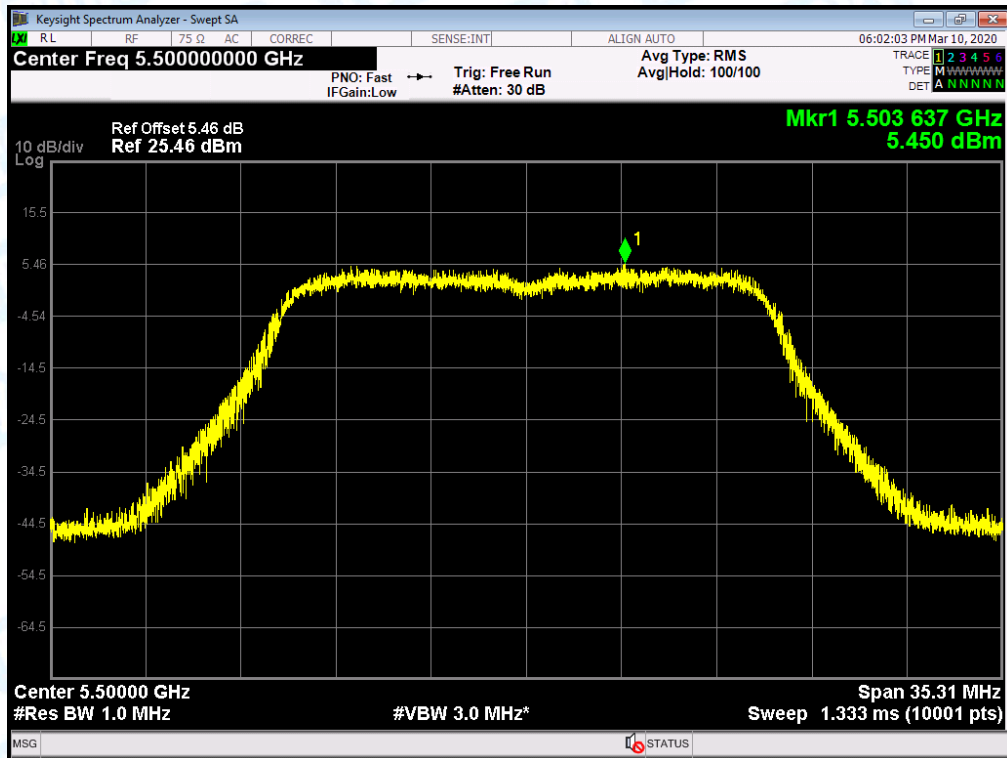
PSD NVNT 802.11n(HT20) 5720MHz Ant.A



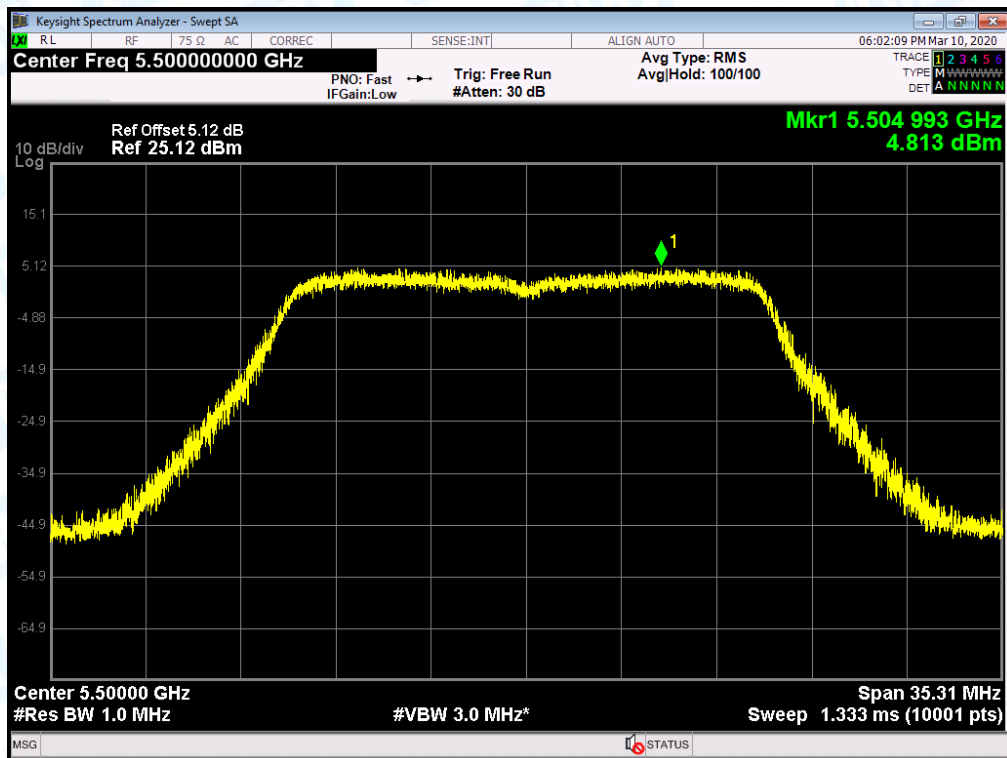
PSD NVNT 802.11n(HT20) 5720MHz Ant.B



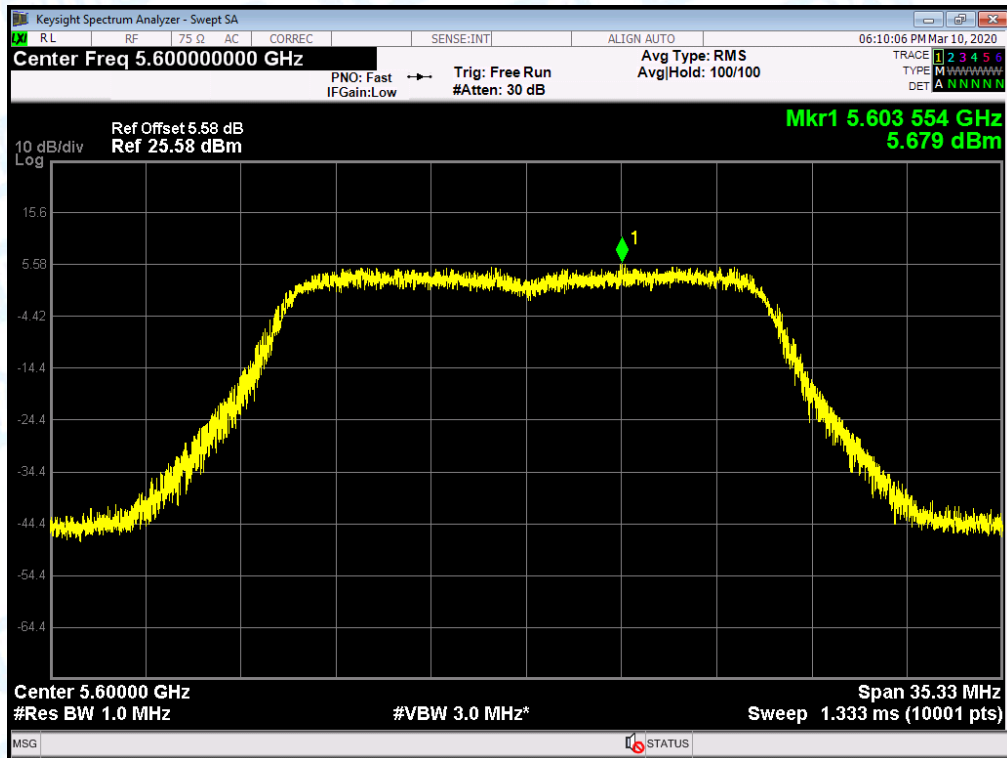
PSD NVNT 802.11ac(VHT20) 5500MHz Ant.A



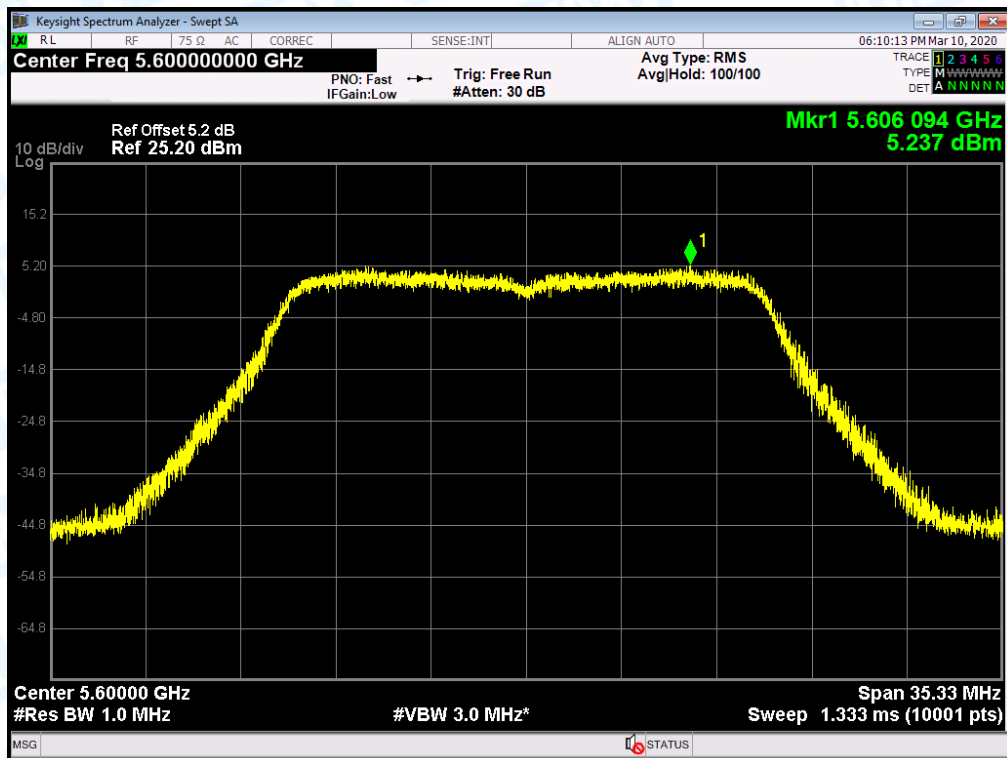
PSD NVNT 802.11ac(VHT20) 5500MHz Ant.B



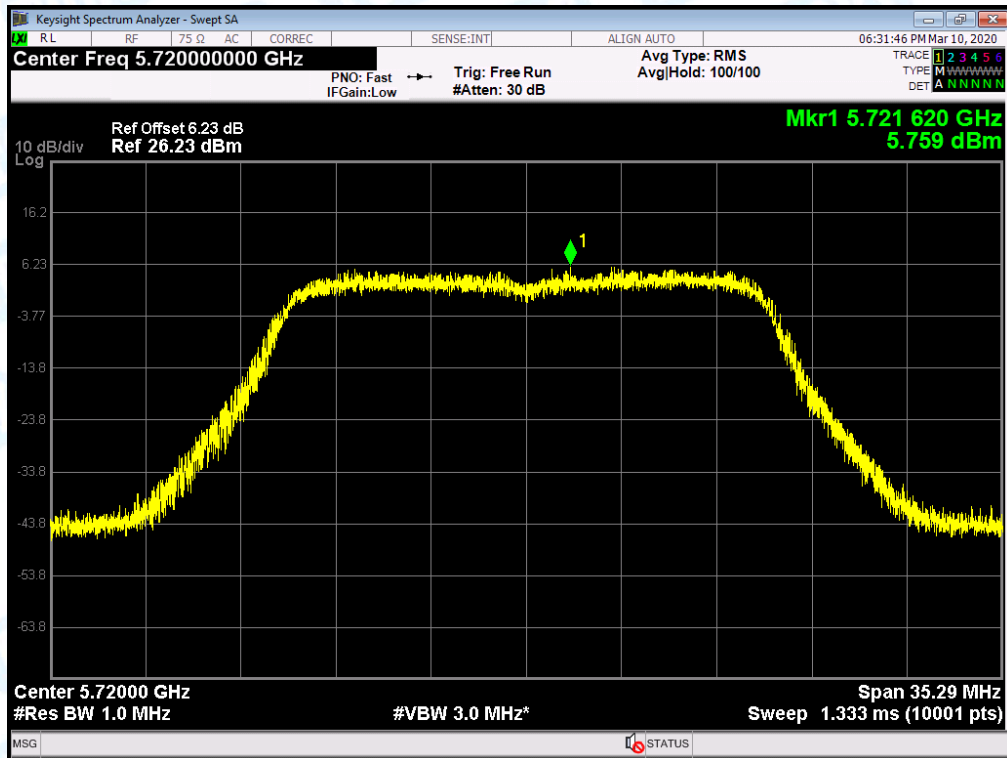
PSD NVNT 802.11ac(VHT20) 5600MHz Ant.A



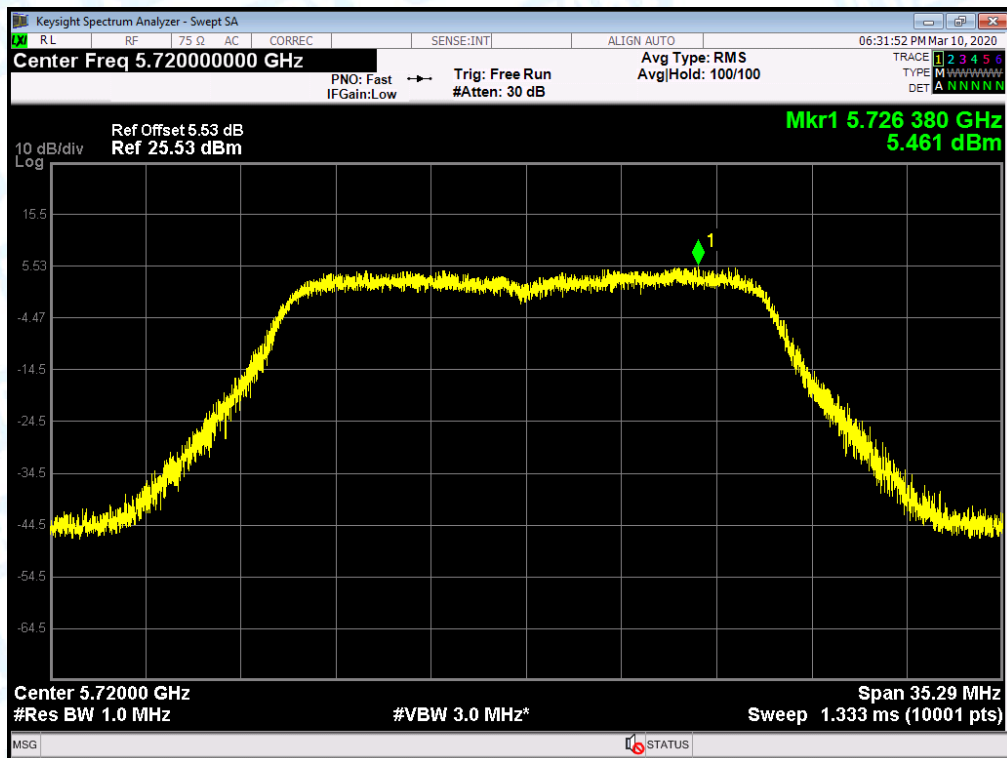
PSD NVNT 802.11ac(VHT20) 5600MHz Ant.B



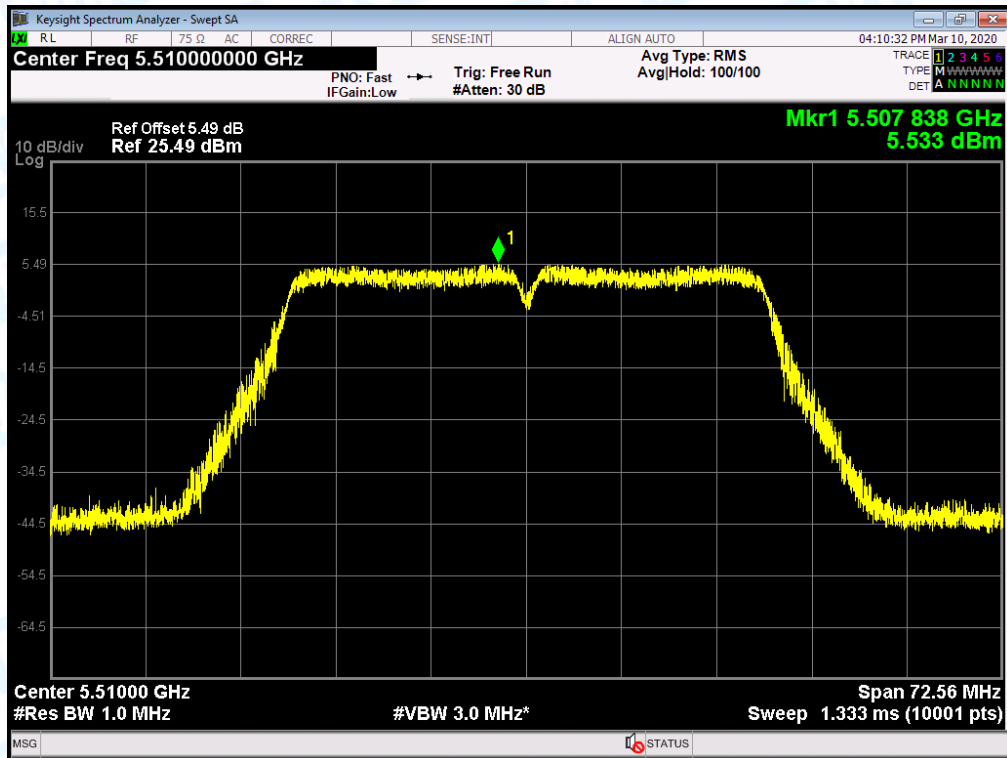
PSD NVNT 802.11ac(VHT20) 5720MHz Ant.A



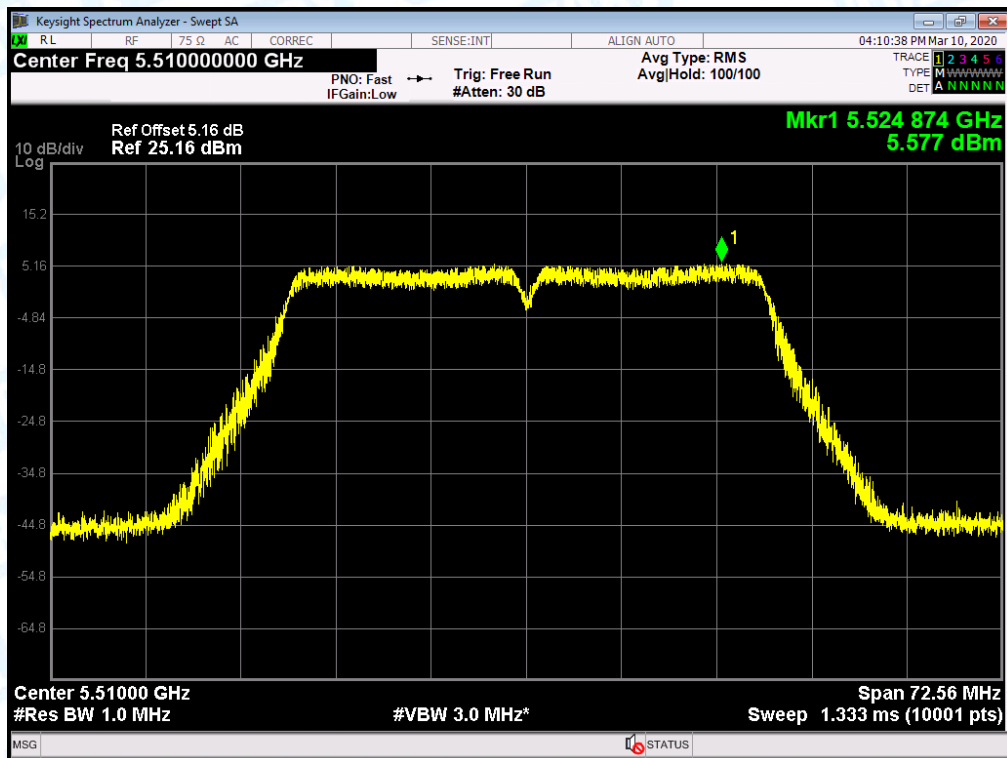
PSD NVNT 802.11ac(VHT20) 5720MHz Ant.B



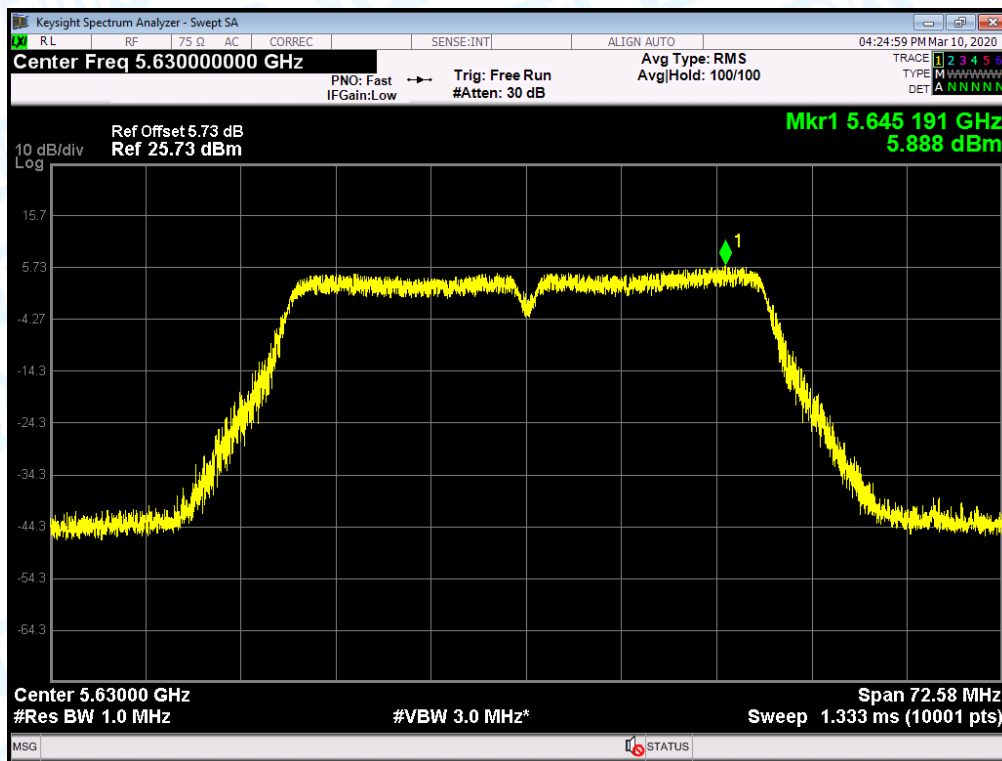
PSD NVNT 802.11n(HT40) 5510MHz Ant.A



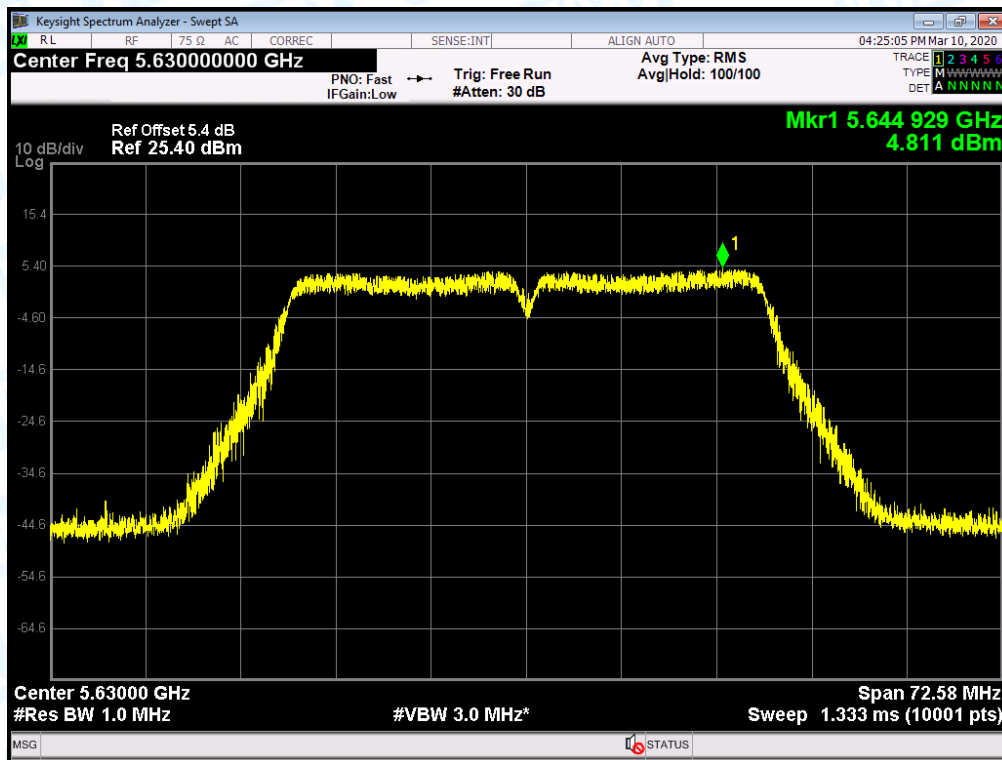
PSD NVNT 802.11n(HT40) 5510MHz Ant.B



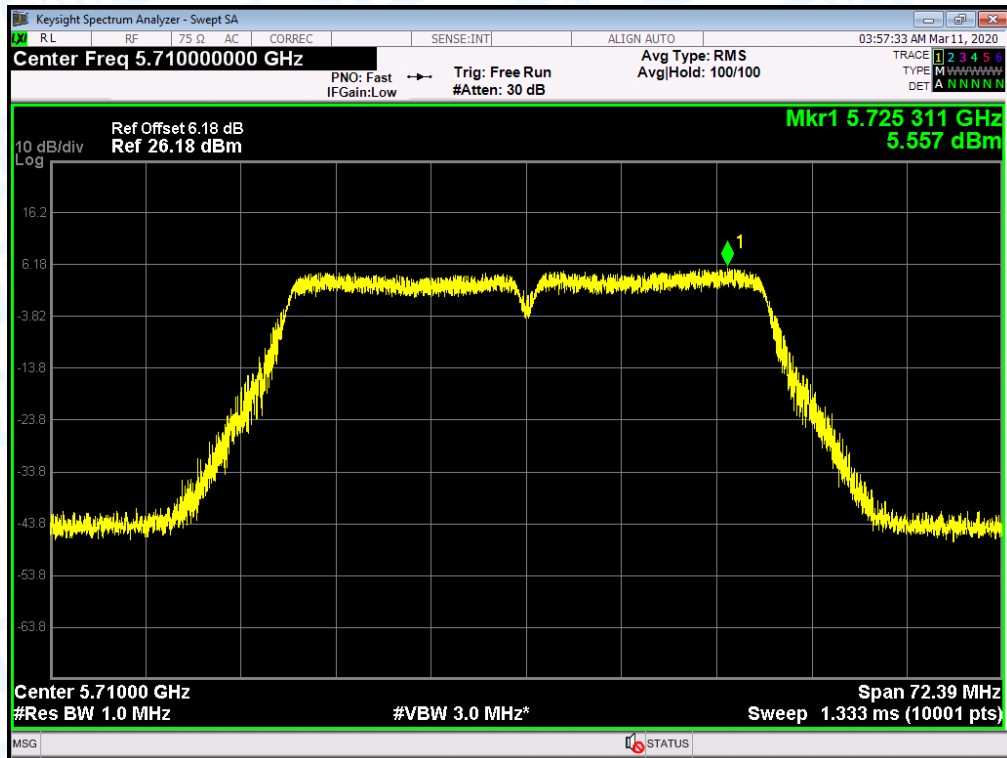
PSD NVNT 802.11n(HT40) 5630MHz Ant.A



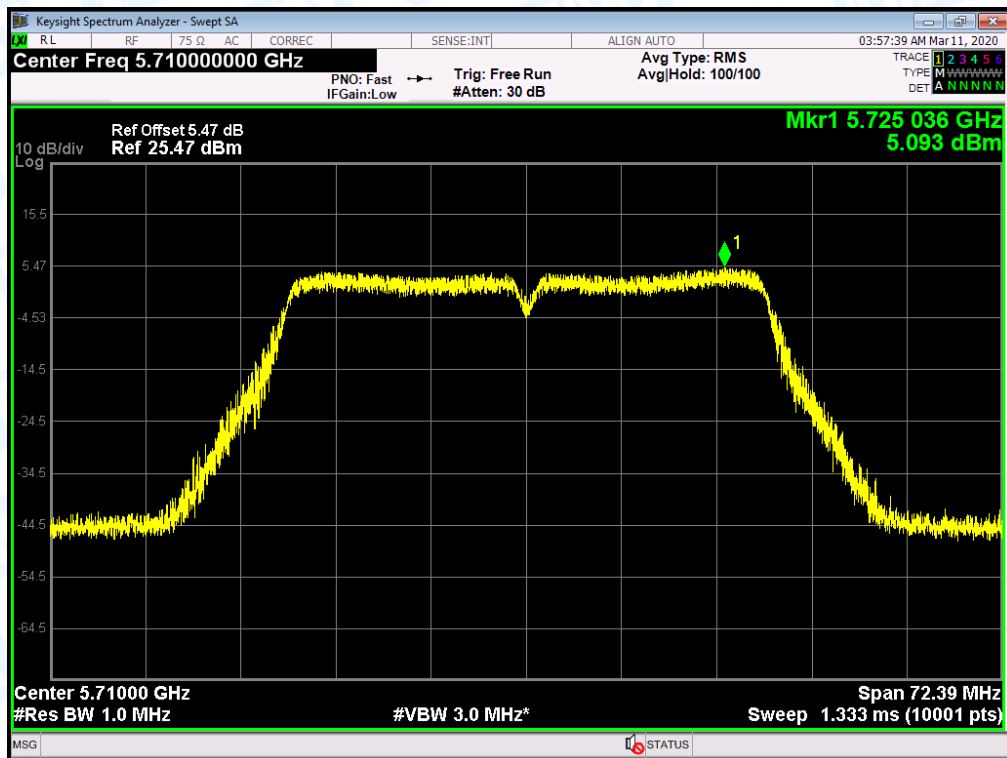
PSD NVNT 802.11n(HT40) 5630MHz Ant.B



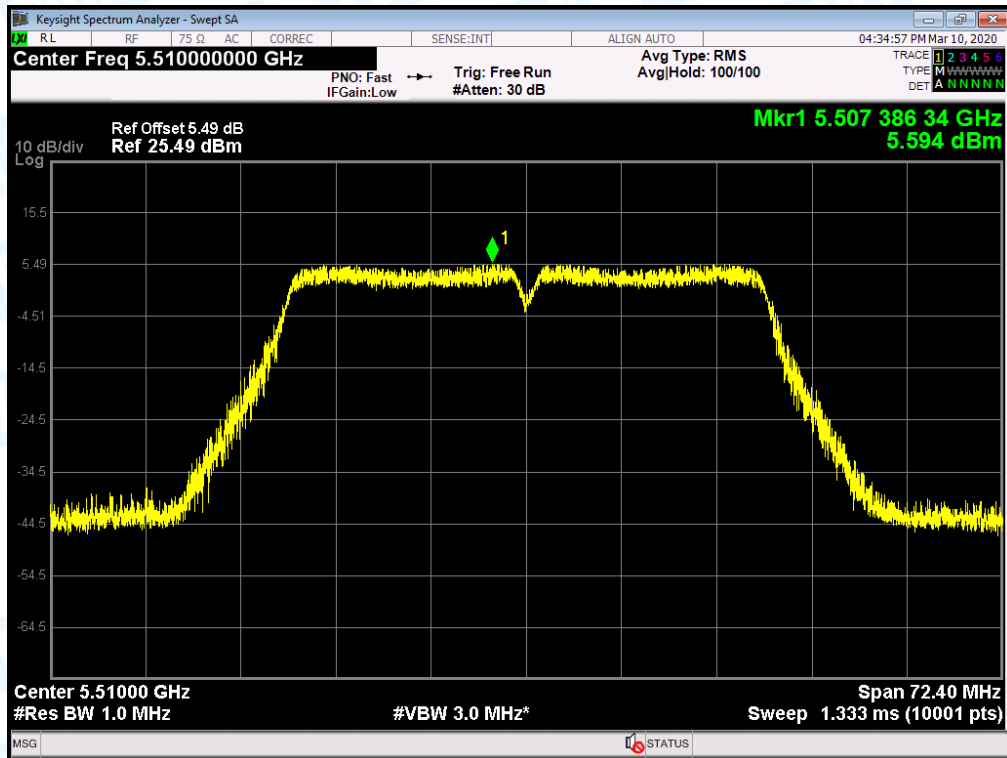
PSD NVNT 802.11n(HT40) 5710MHz Ant.A



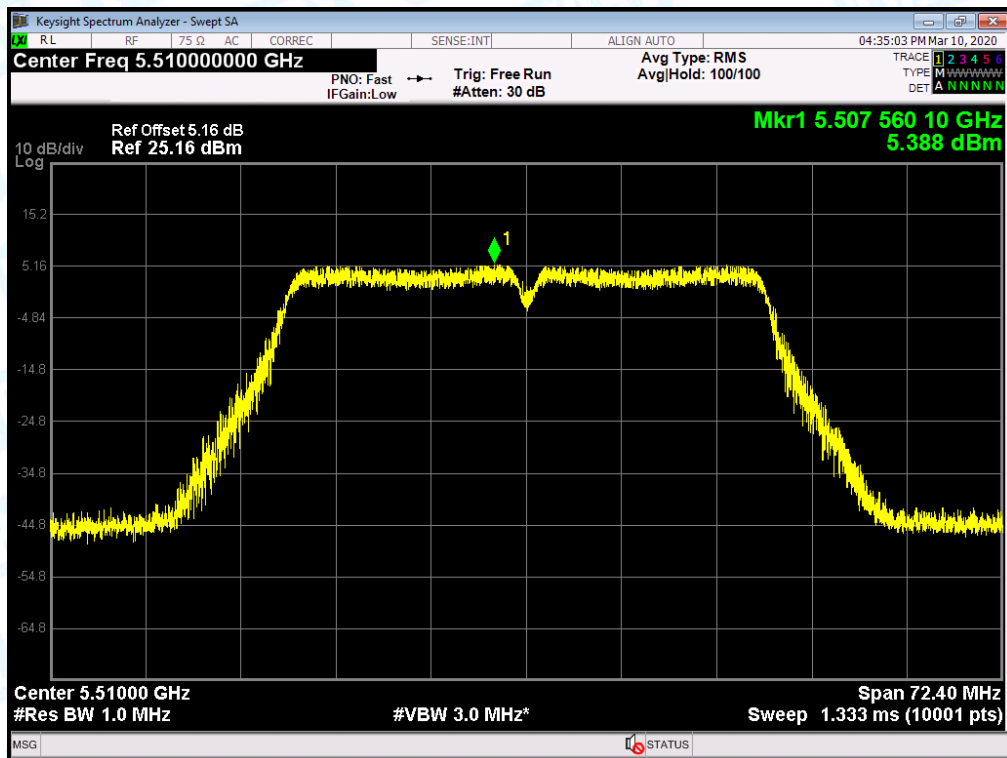
PSD NVNT 802.11n(HT40) 5710MHz Ant.B



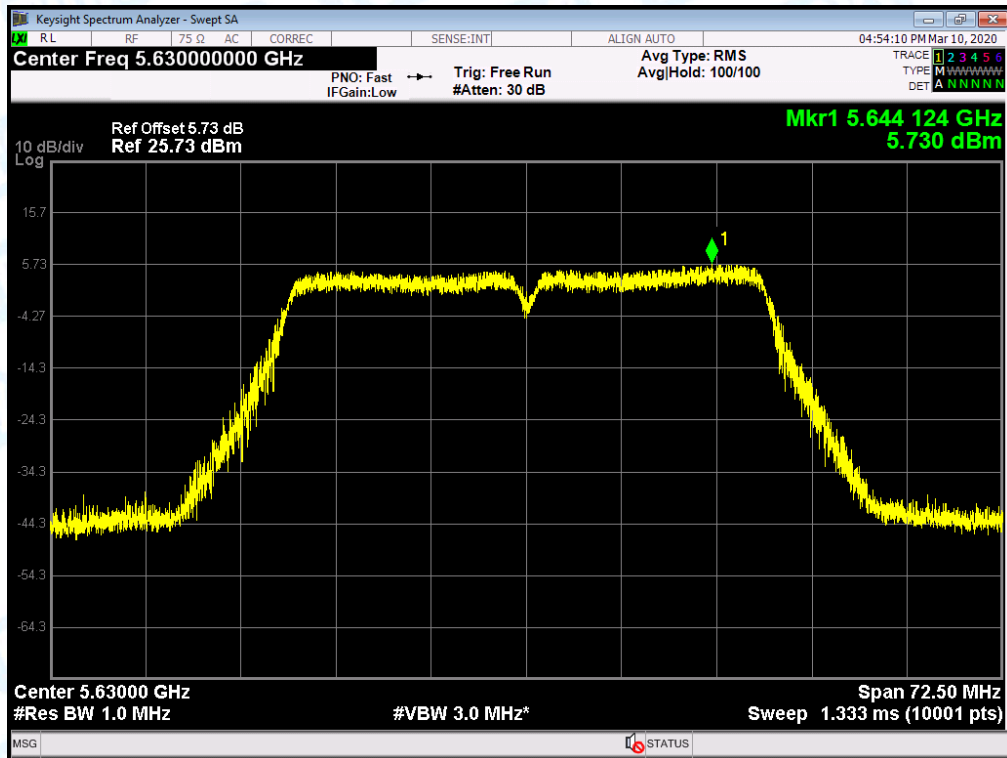
PSD NVNT 802.11ac(VHT40) 5510MHz Ant.A



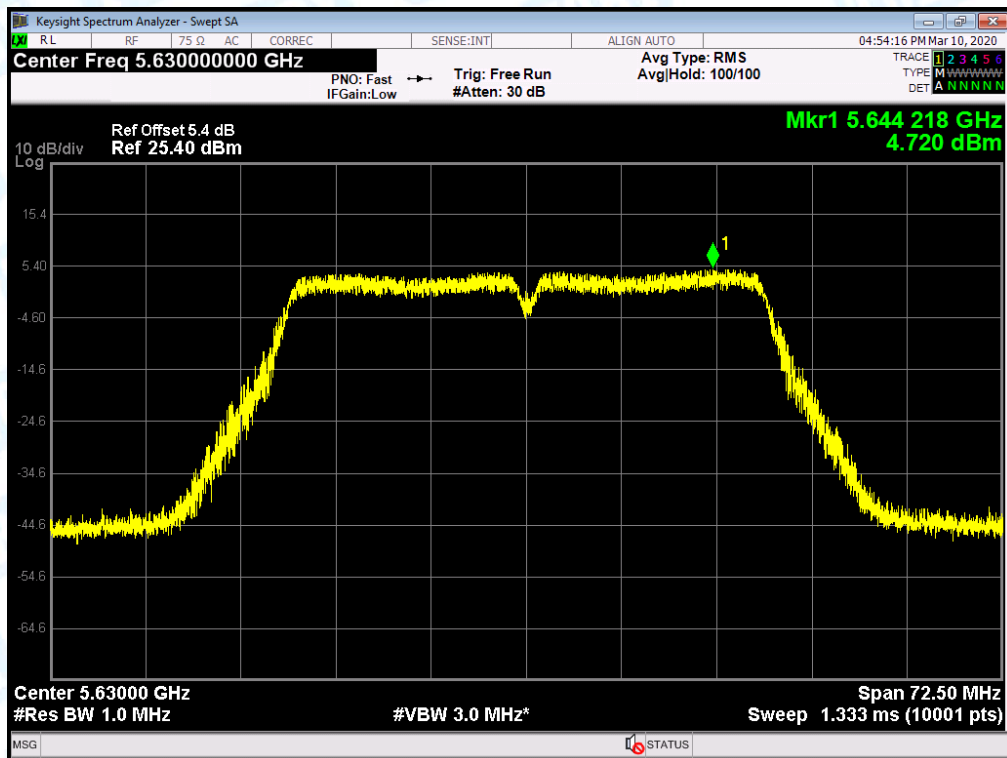
PSD NVNT 802.11ac(VHT40) 5510MHz Ant.B



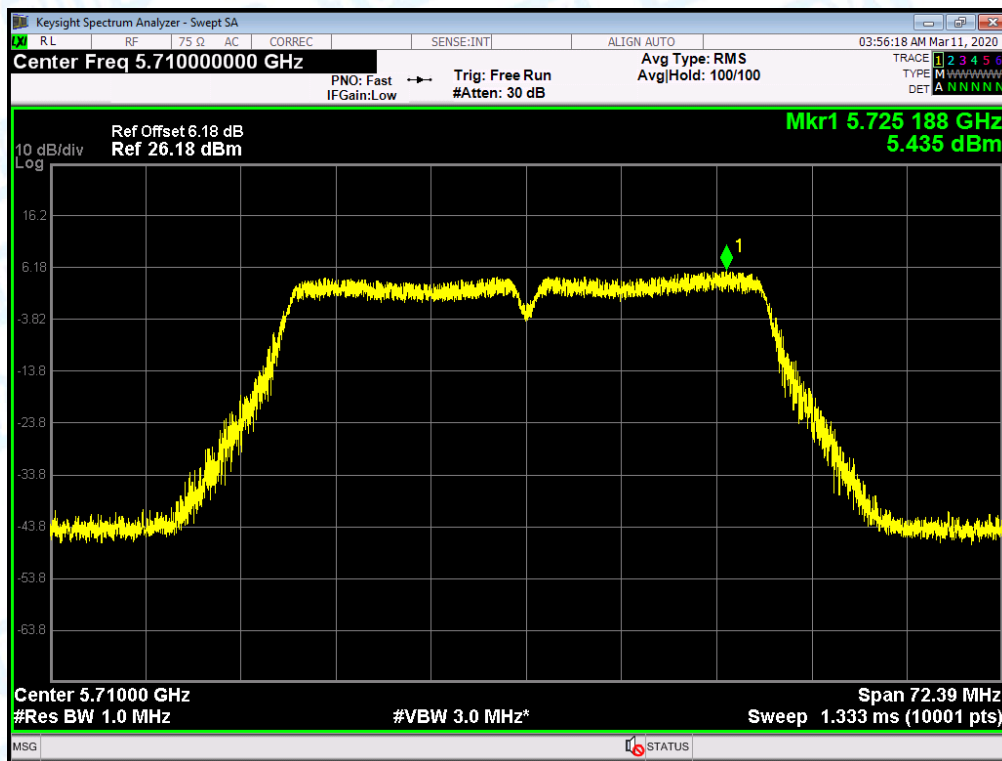
PSD NVNT 802.11ac(VHT40) 5630MHz Ant.A



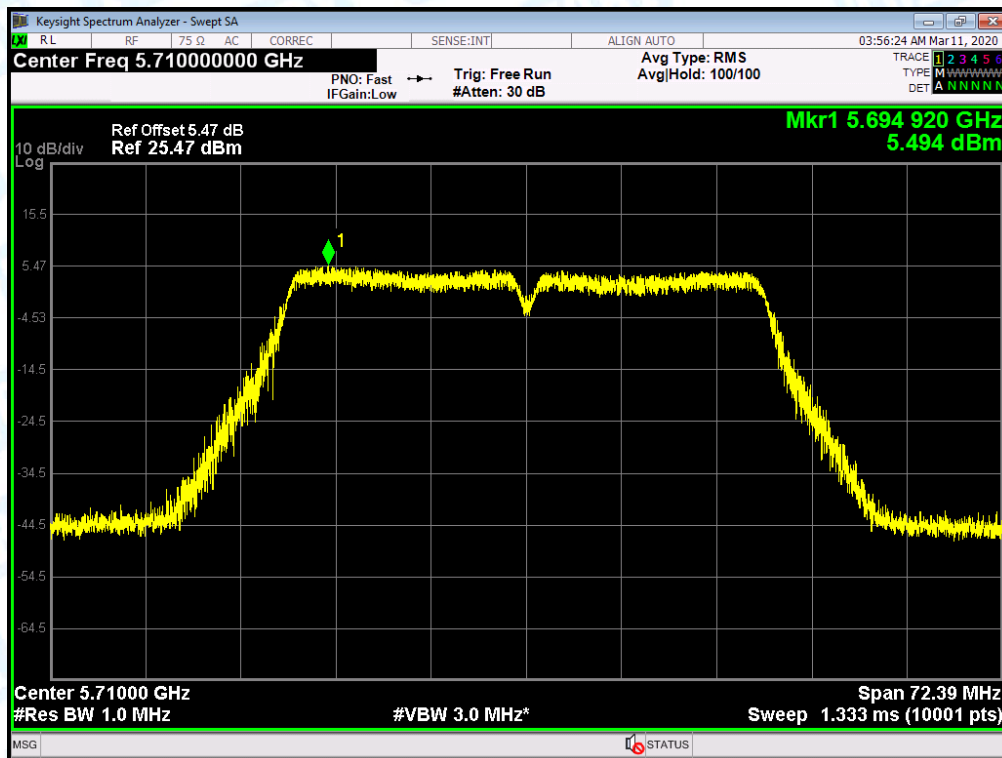
PSD NVNT 802.11ac(VHT40) 5630MHz Ant.B



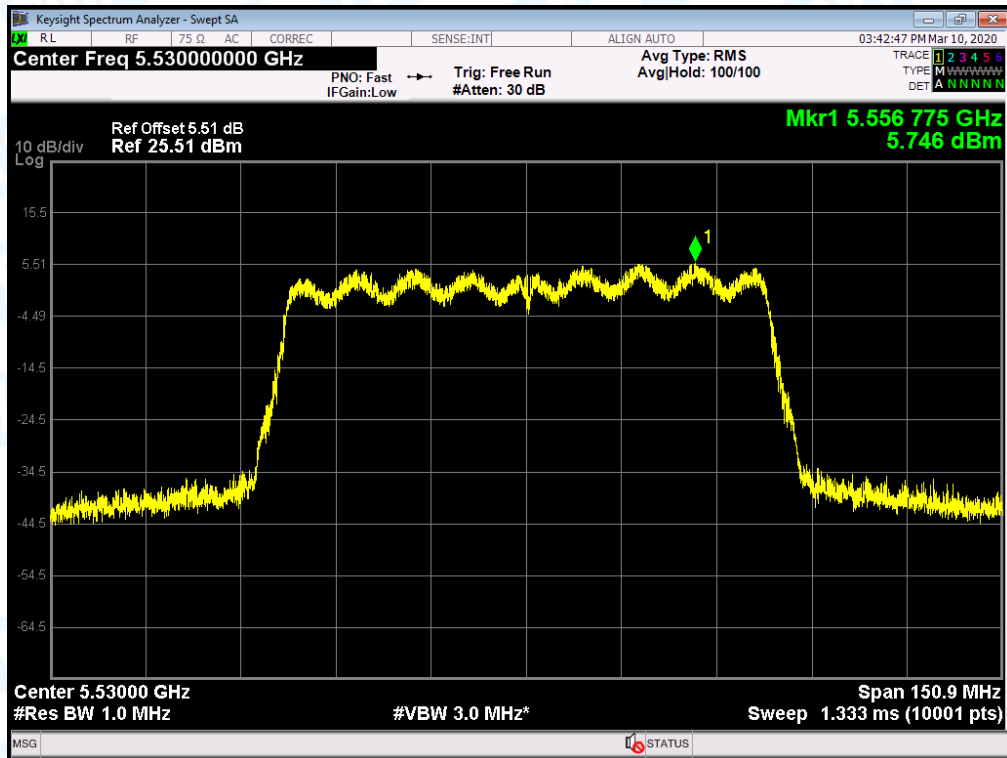
PSD NVNT 802.11ac(VHT40) 5710MHz Ant.A



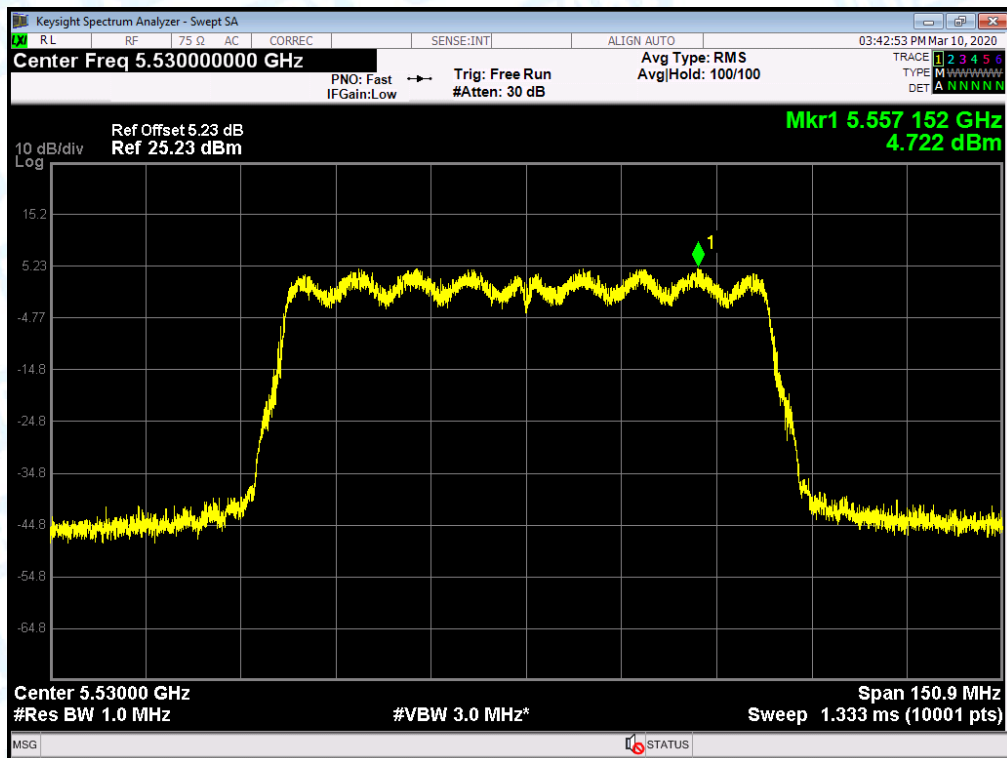
PSD NVNT 802.11ac(VHT40) 5710MHz Ant.B



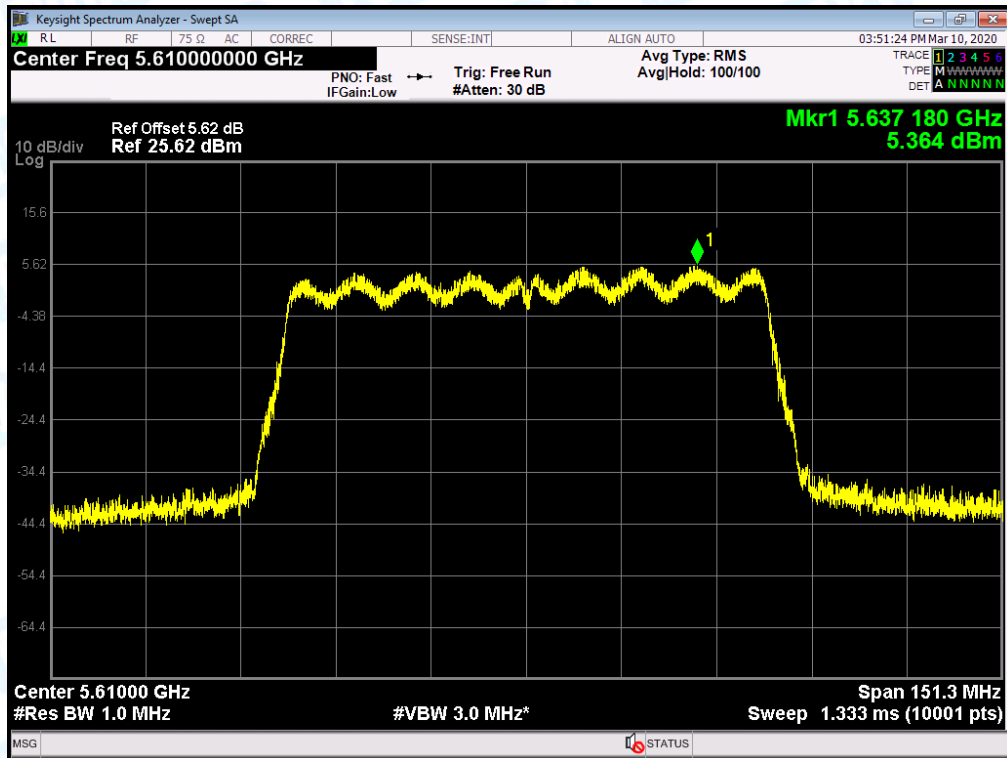
PSD NVNT 802.11ac(VHT80) 5530MHz Ant.A



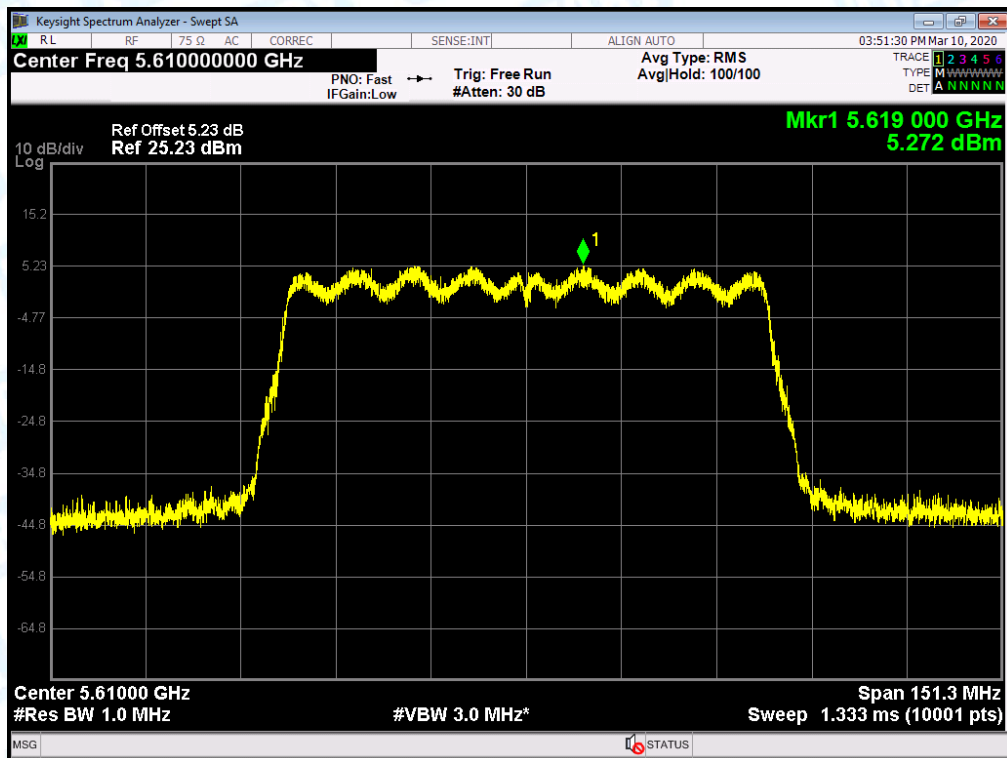
PSD NVNT 802.11ac(VHT80) 5530MHz Ant.B



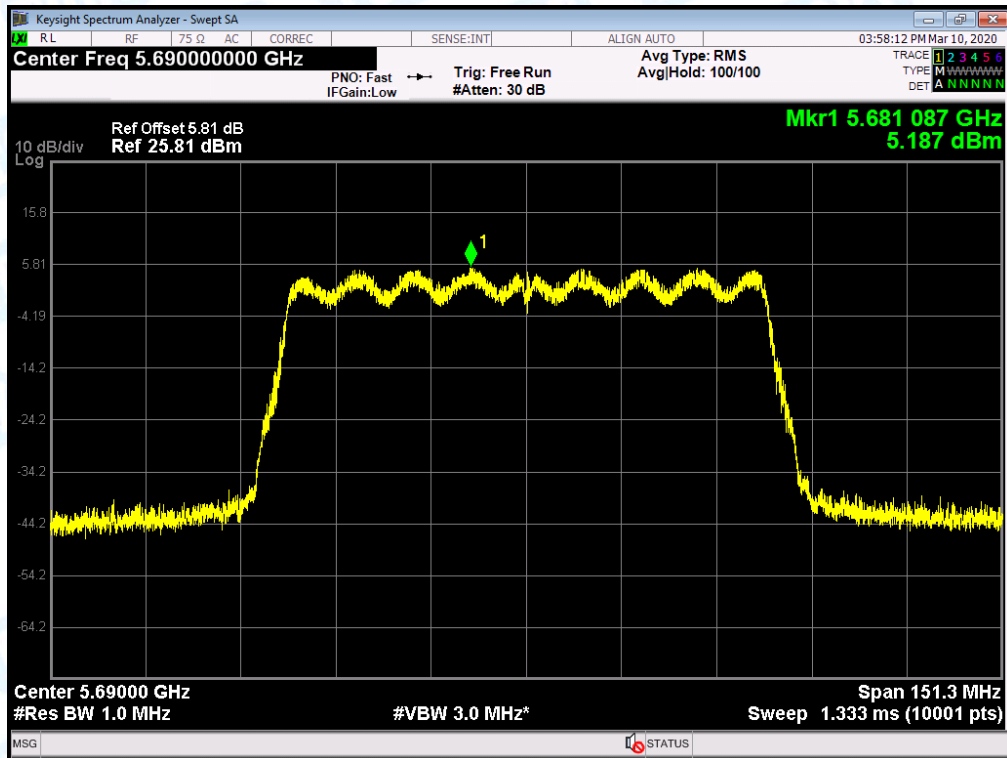
PSD NVNT 802.11ac(VHT80) 5610MHz Ant.A



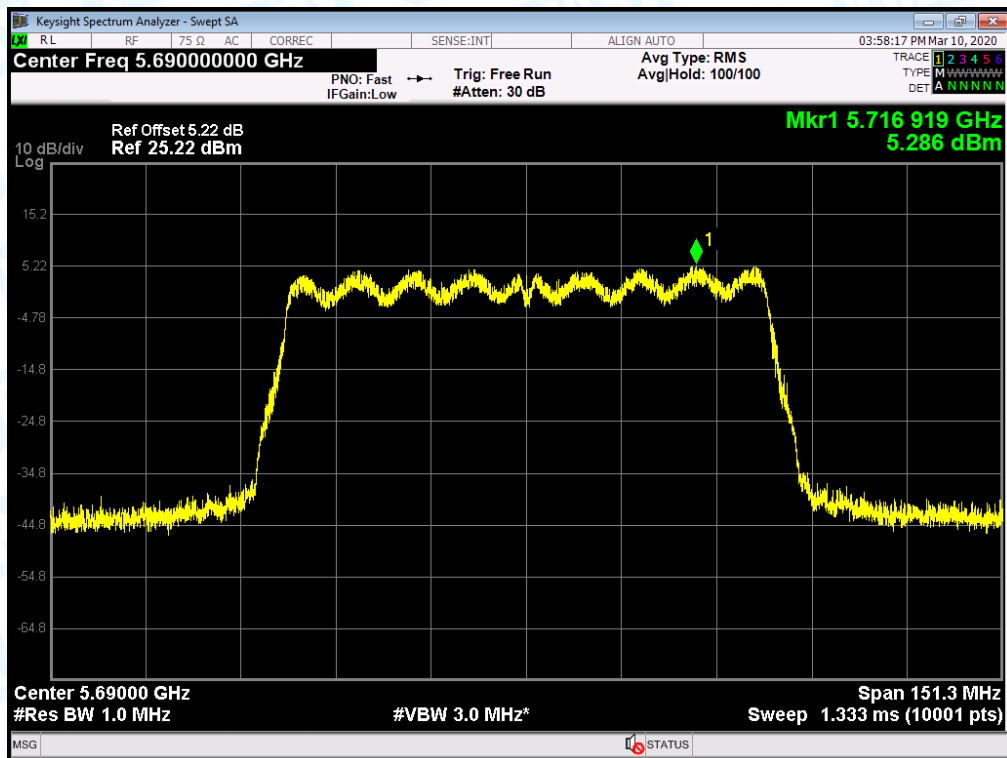
PSD NVNT 802.11ac(VHT80) 5610MHz Ant.B



PSD NVNT 802.11ac(VHT80) 5690MHz Ant.A



PSD NVNT 802.11ac(VHT80) 5690MHz Ant.B



Temperature:	25 °C	Relative Humidity:	55%						
Test Voltage:	AC 120V/60Hz								
U-NII-2C									
Test Mode	Frequency (MHz)	Power Density						Limit	
		(dBm/MHz)			(dBm/500KHz)			(dBm/MHz)	(dBm/500KHz)
		Ant.A	Ant.B	Total	Ant.A	Ant.B	Total		
802.11a 5720MHz Straddle 5.47-5.725GHz	5.230	5.410	8.33	----	----	----	8.96	----	
802.11a 5720MHz Straddle 5.725-5.85GHz	----	----	----	1.068	1.707	4.41	----	27.90	
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz	5.682	5.262	8.49	----	----	----	8.96	----	
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz	----	----	----	1.498	1.518	4.66	----	27.90	
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz	5.618	5.613	8.63	----	----	----	8.96	----	
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz	----	----	----	2.017	1.609	4.36	----	27.90	
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz	5.276	5.758	8.53	----	----	----	8.96	----	
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz	----	----	----	1.498	1.620	4.57	----	27.90	
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz	5.709	5.561	8.65	----	----	----	8.96	----	
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz	----	----	----	2.017	1.609	4.83	----	27.90	
802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz	4.910	4.555	7.75	----	----	----	8.96	----	
802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz	----	----	----	1.322	1.651	4.50	----	27.90	

Result: PASS

Remark: The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.

When ANT. A and ANT. B transmitting simultaneously, the Directional Antenna Gain:

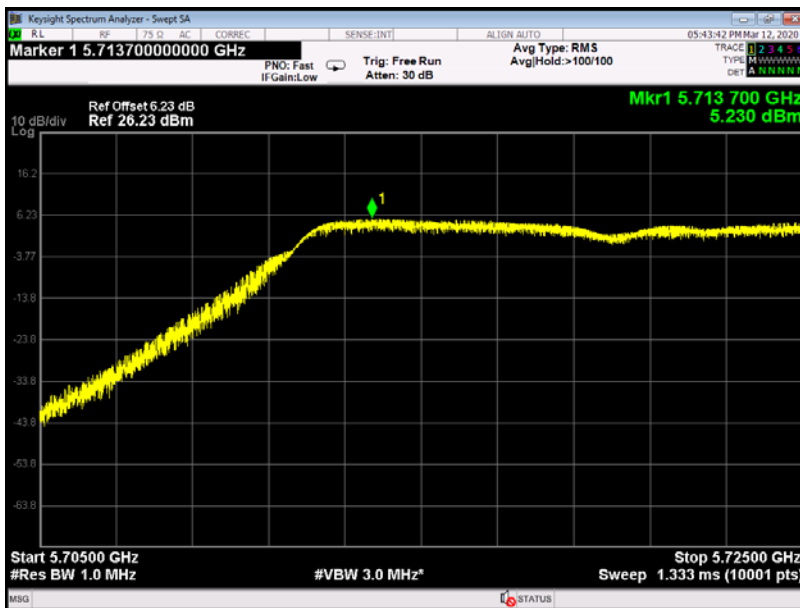
For Straddle 5.47-5.725GHz Directional Gain= Gain_{ANT}+10log(N)dBi =8.04dBi > 6 dBi.

For Straddle 5.725-5.85GHz Directional Gain= Gain_{ANT}+10log(N)dBi =8.10dBi > 6 dBi.

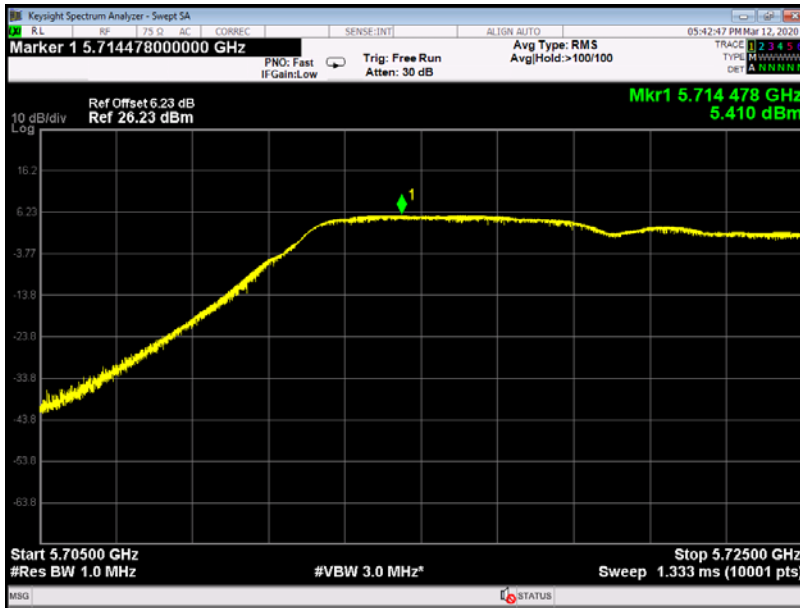
So Straddle 5.47-5.725GHz PSD_{out} = PSD_{limit}-(G_{TX}-6)]=(11-2.04)dBm=8.96dBm;

Straddle 5.725-5.85GHz PSD_{out} = PSD_{limit}-(G_{TX}-6)]=(30-2.10)dBm/500KHz=27.90dBm/500KHz;

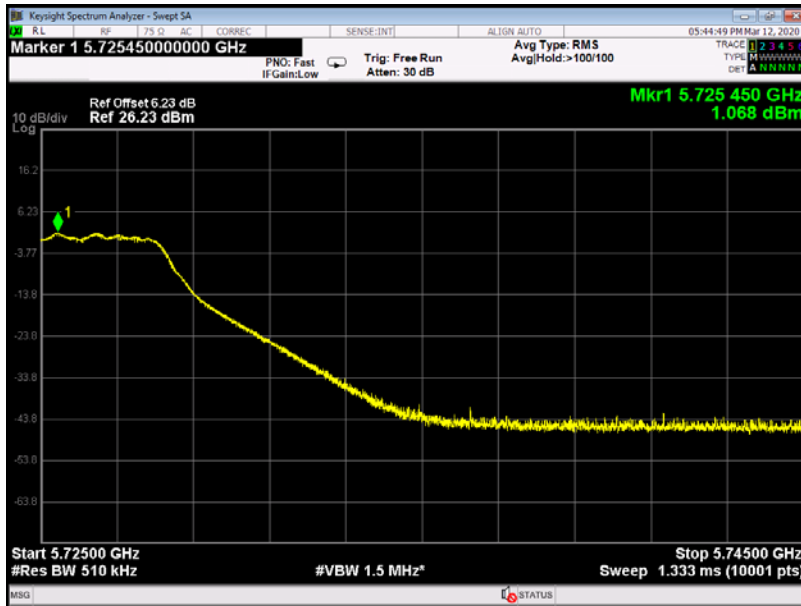
802.11a 5720MHz Straddle 5.47-5.725GHz Ant. A



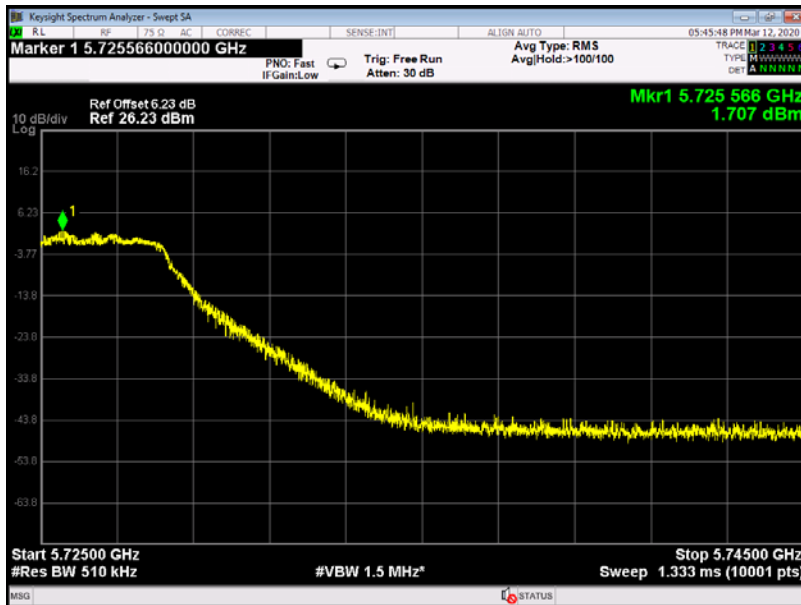
802.11a 5720MHz Straddle 5.47-5.725GHz Ant. B



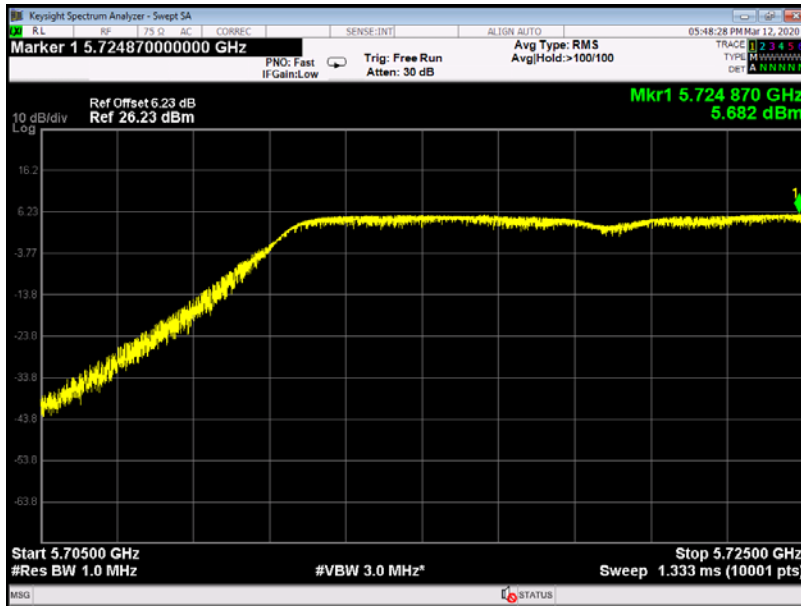
802.11a 5720MHz Straddle 5.725-5.85GHz Ant. A



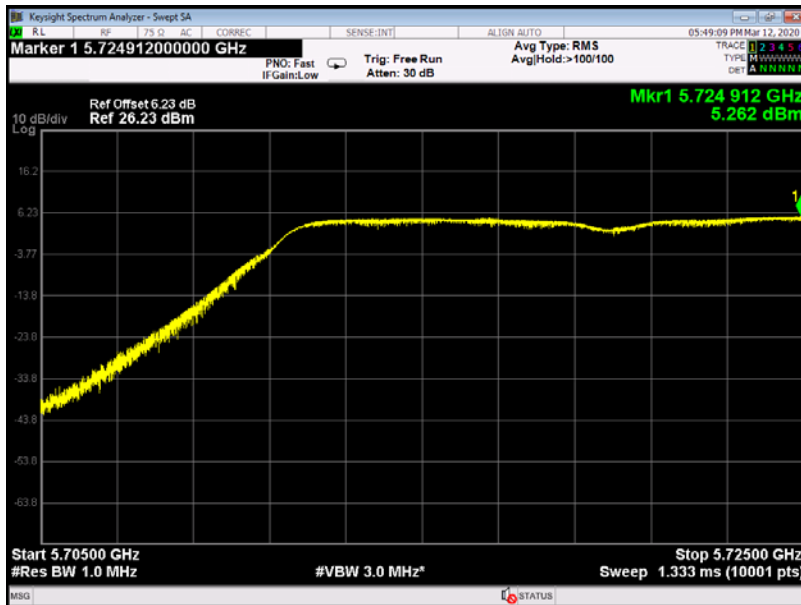
802.11a 5720MHz Straddle 5.725-5.85GHz Ant. B



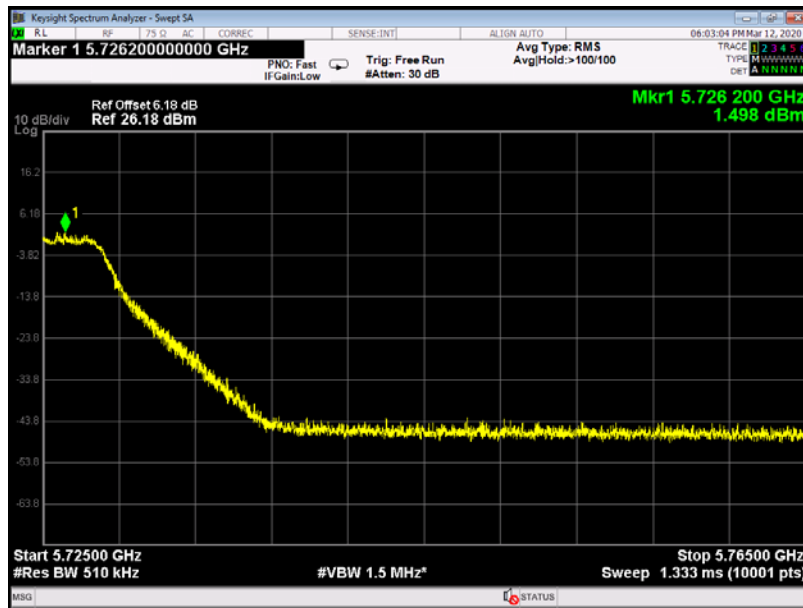
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz Ant. A



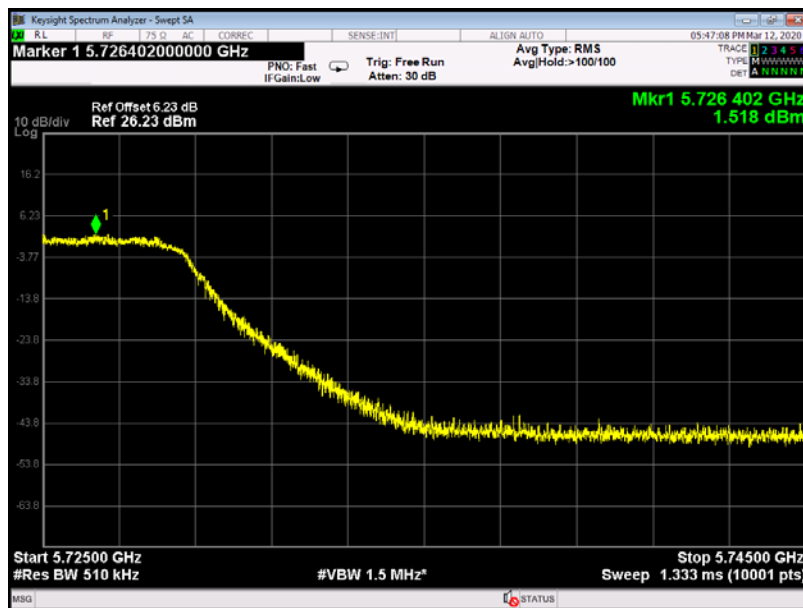
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz Ant. B



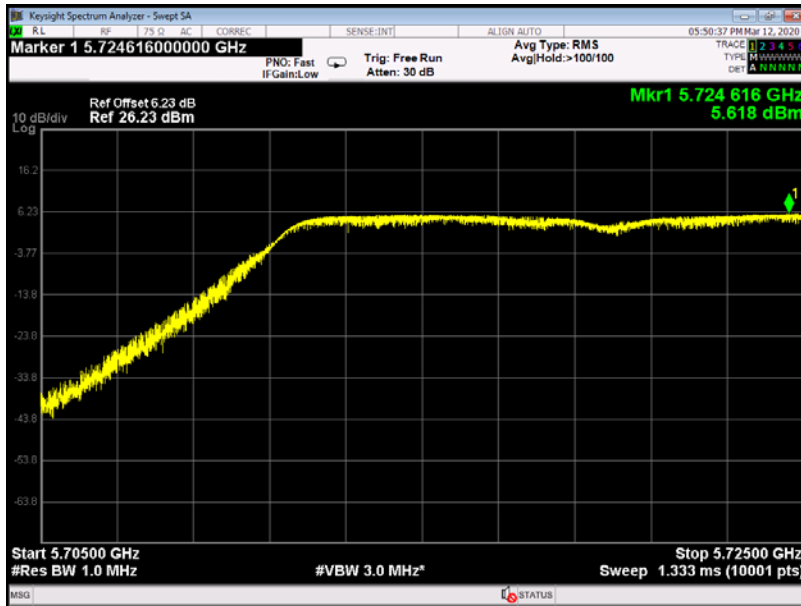
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz Ant. A



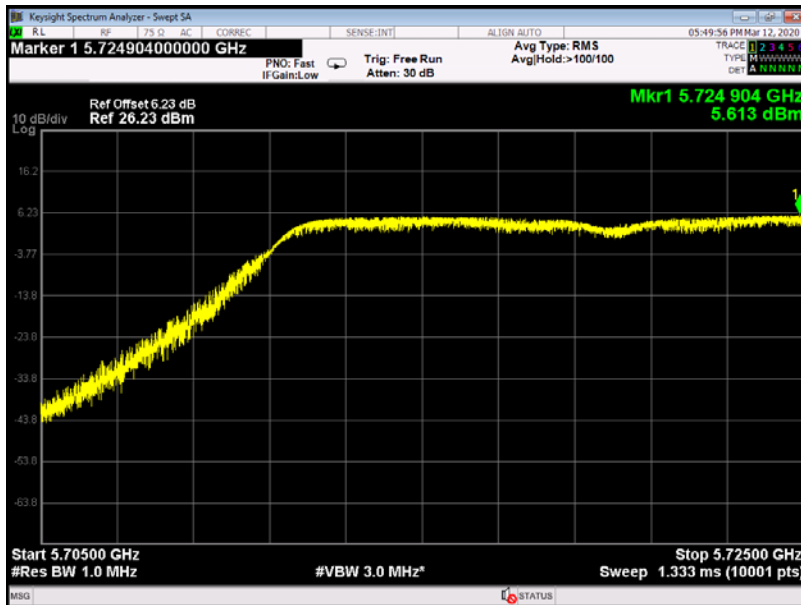
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz Ant. B



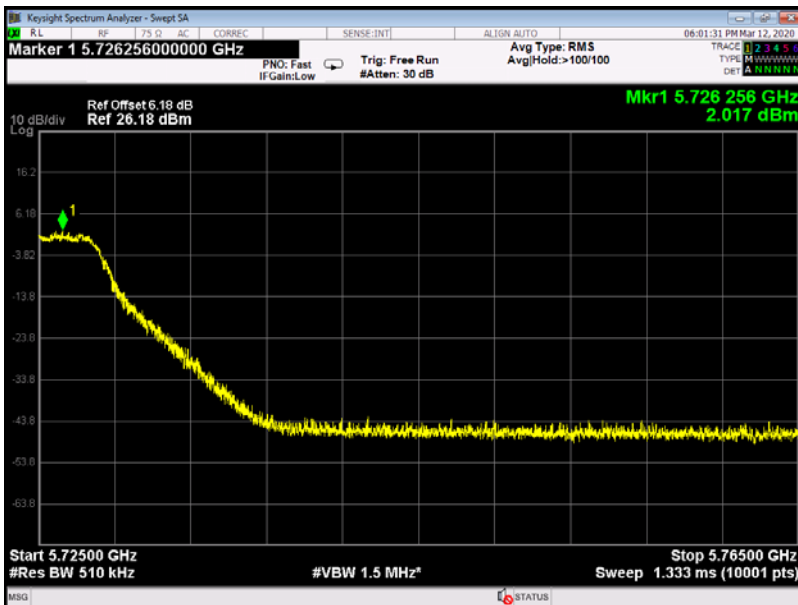
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz Ant. A



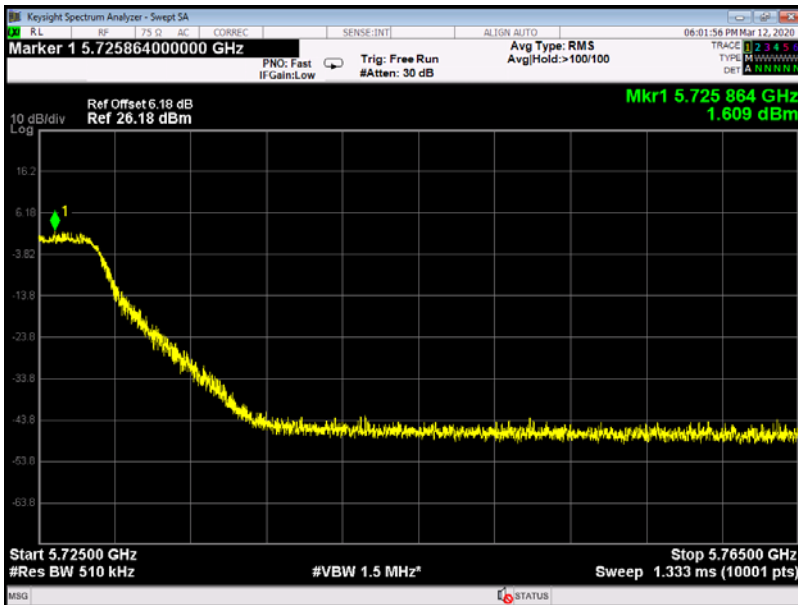
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz Ant. B



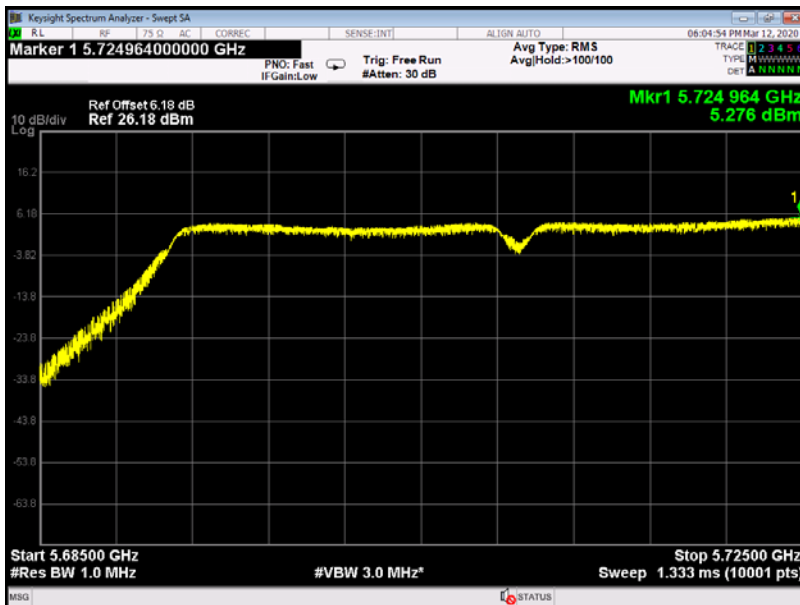
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz Ant. A



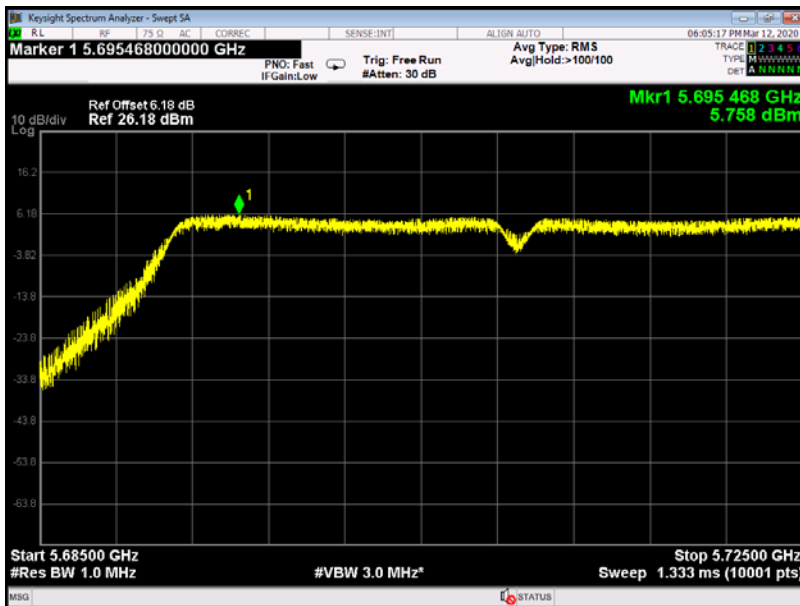
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz Ant. B



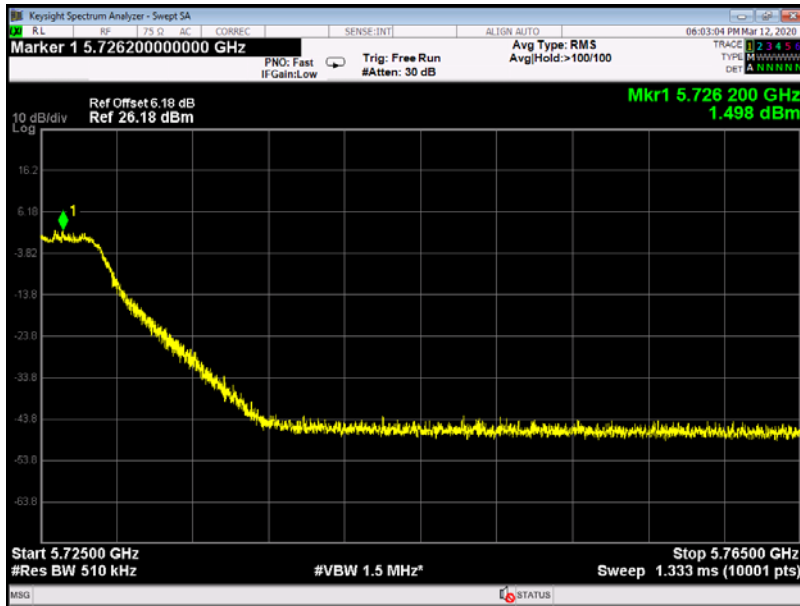
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz Ant. A



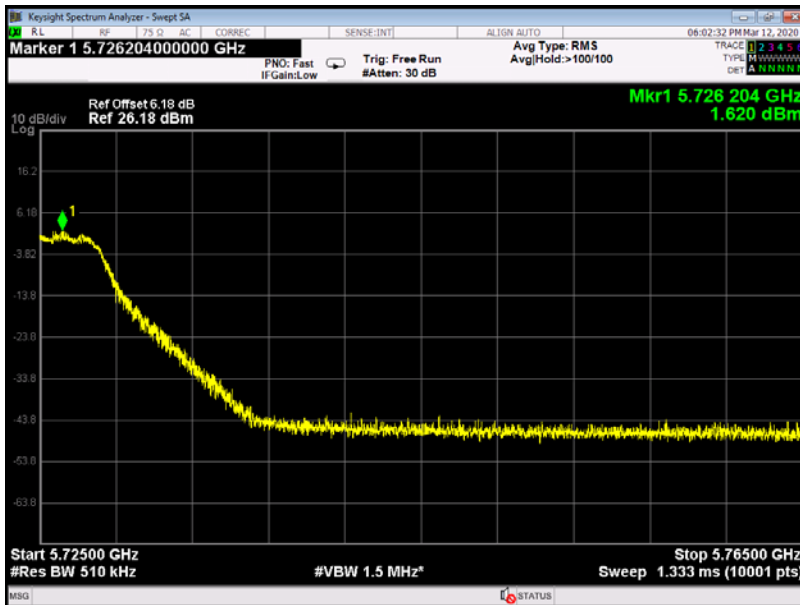
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz Ant. B



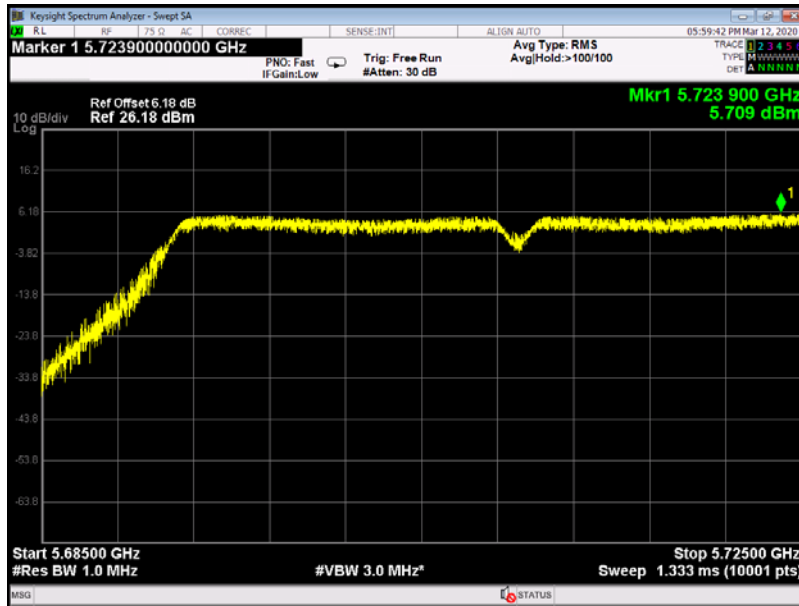
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz Ant. A



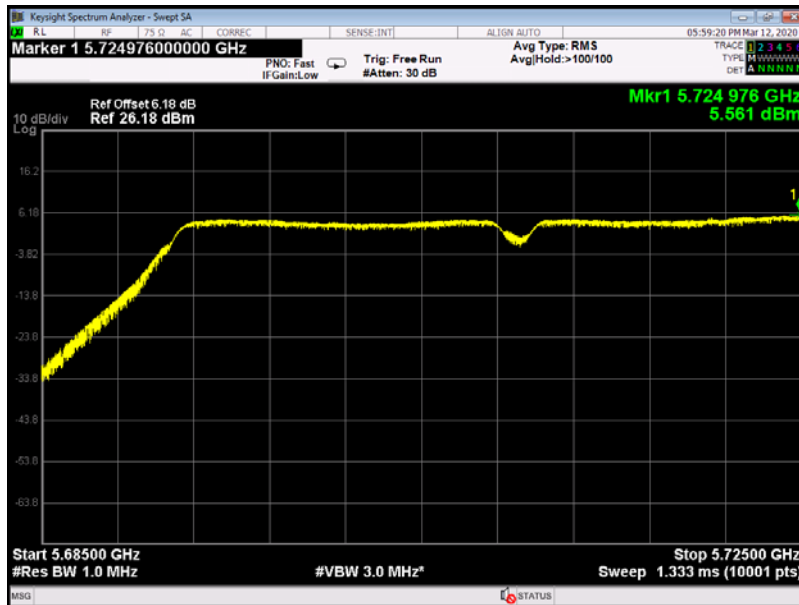
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz Ant. B



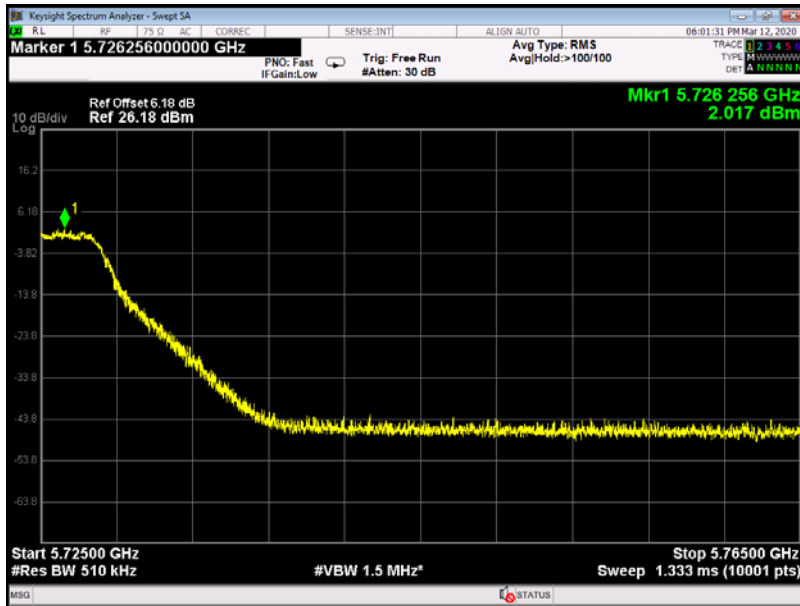
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz Ant. A



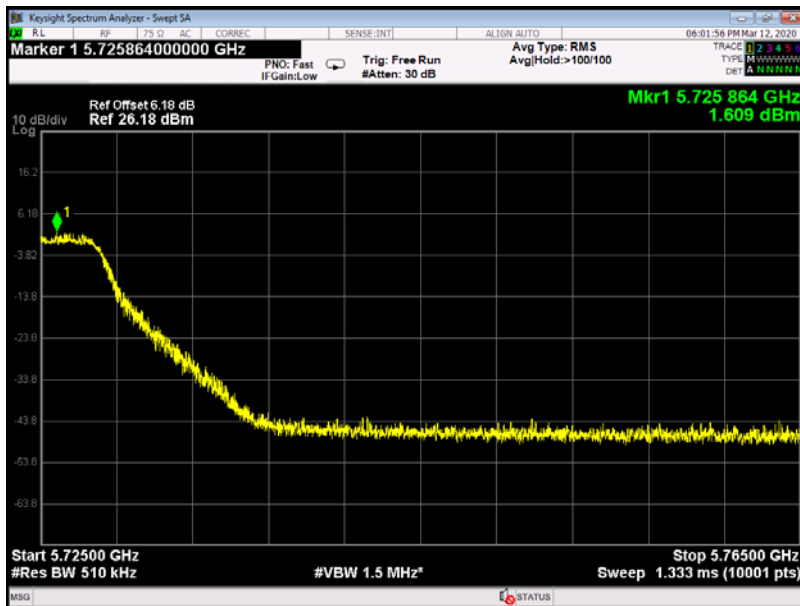
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz Ant. B



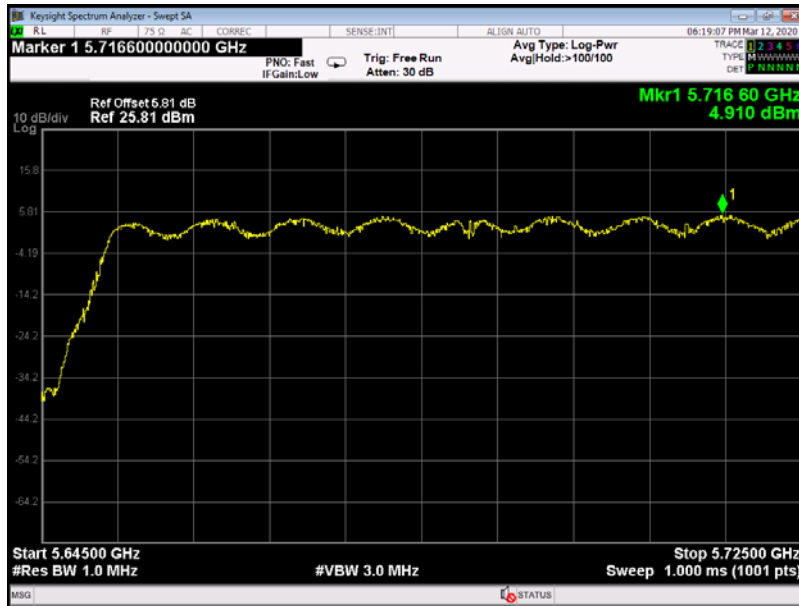
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz Ant. A



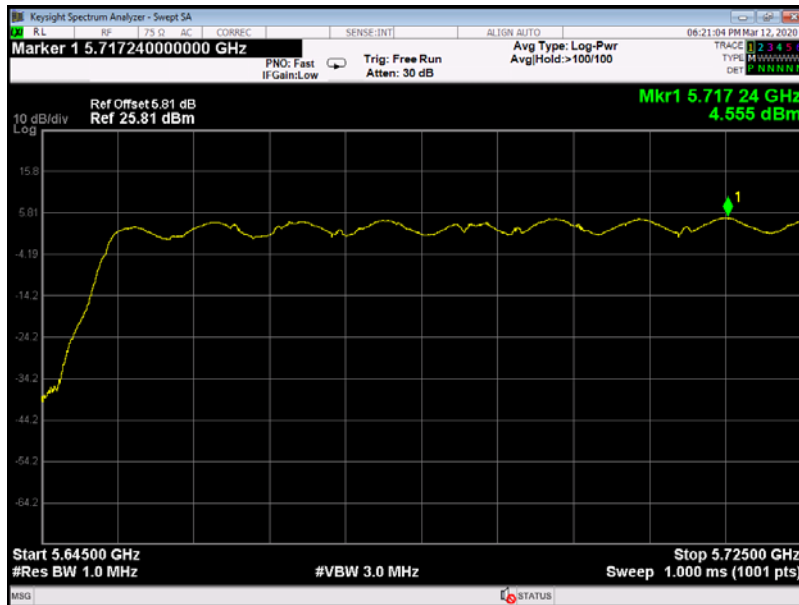
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz Ant. B



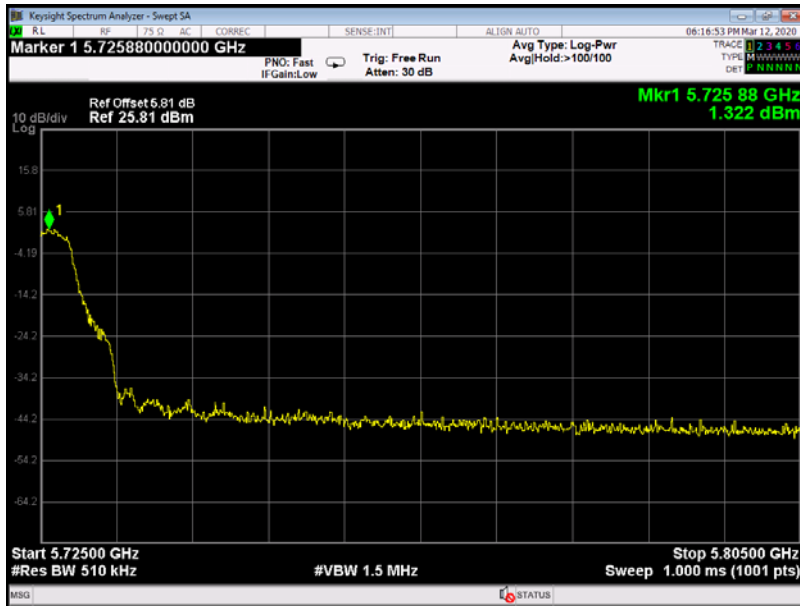
802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz Ant. A



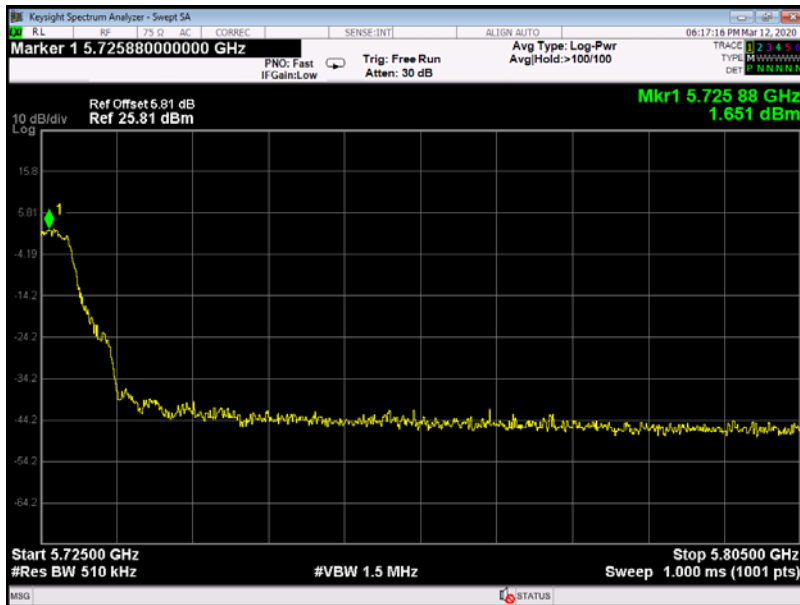
802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz Ant. B



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

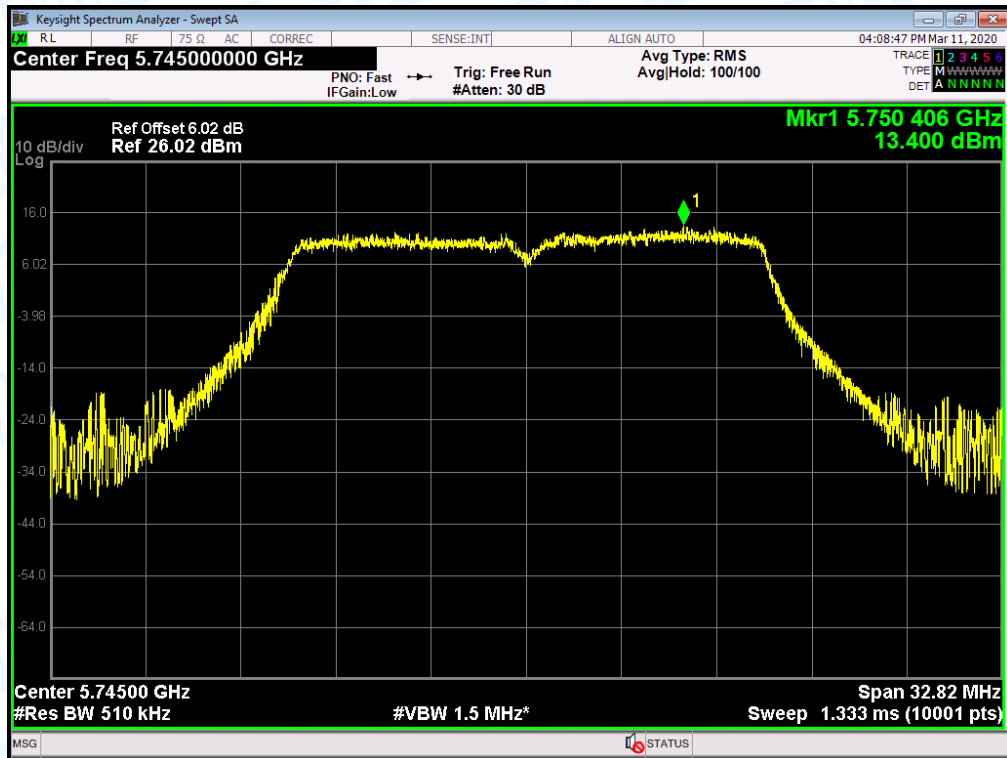


802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz Ant. B

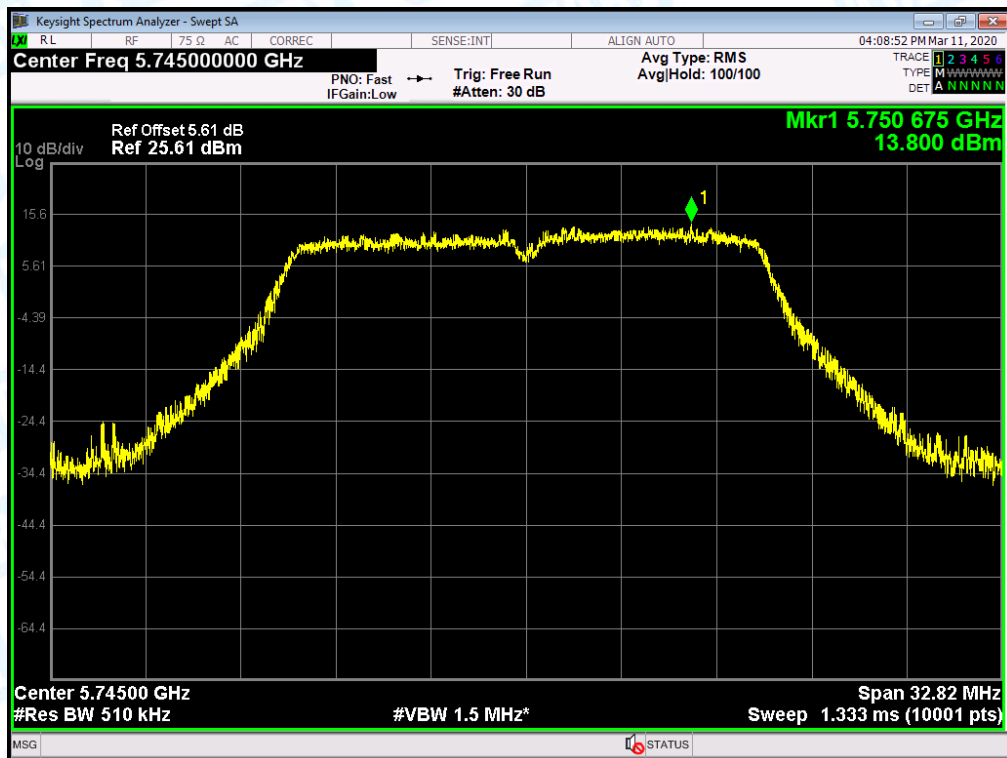


Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	AC 120V/60Hz					
U-NII-3						
Test Mode	Frequency (MHz)	Power Density				Limit (dBm/500KHz)
		ANT. A (dBm/500KHz)	ANT. B (dBm/500KHz)	Duty Factor (dB)	Total PSD (dBm/500KHz)	
802.11a	5745	13.400	13.800	0	16.62	27.90
	5785	13.178	13.331	0	16.27	
	5825	13.061	13.865	0	16.49	
802.11n (HT20)	5745	13.298	13.487	0	16.40	
	5785	13.002	12.940	0	15.98	
	5825	12.582	13.248	0	15.94	
802.11ac (VHT20)	5745	12.811	13.418	0	16.14	
	5785	12.713	13.536	0	16.15	
	5825	12.437	12.771	0	15.62	
802.11n (HT40)	5755	9.867	9.734	0	12.81	
	5795	10.074	9.814	0	12.96	
802.11ac(VHT40)	5755	9.732	10.021	0	12.89	
	5795	10.044	10.232	0	13.15	
802.11ac(VHT80)	5775	6.538	7.882	0	10.27	
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 =8.10dBi>6dBi.</p> <p>So PSD_{out} = PSD_{limit}-(G_{TX}-6)]=(30-2.10)dBm/500KHz=27.90dBm/500KHz</p>						

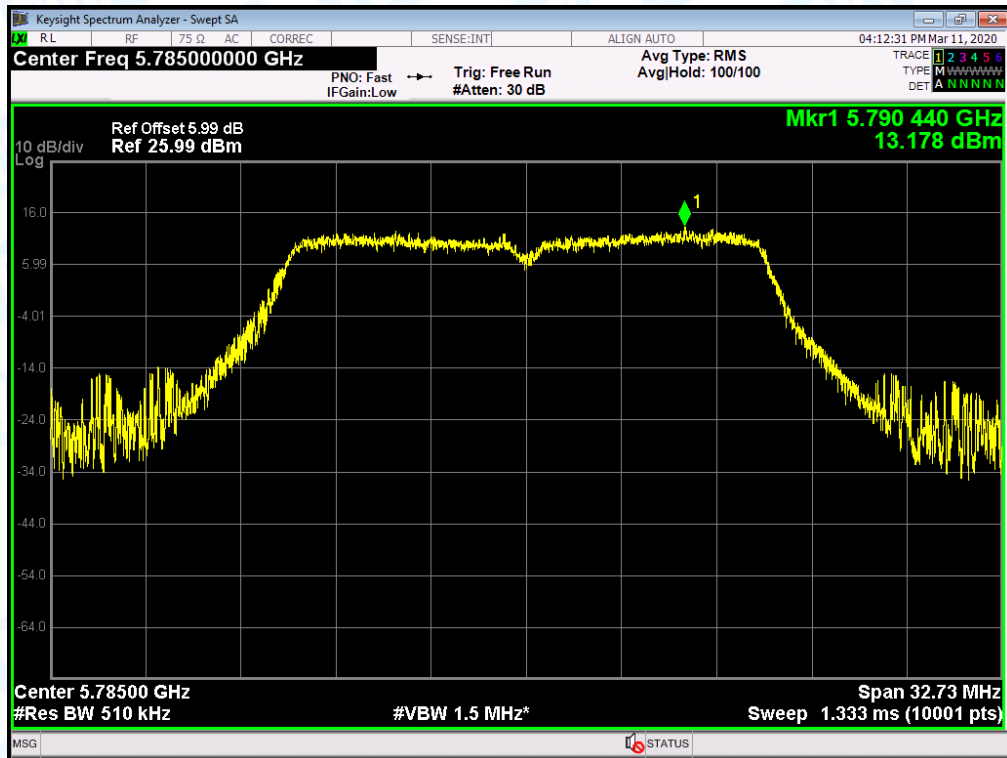
PSD NVNT 802.11a 5745MHz Ant.A



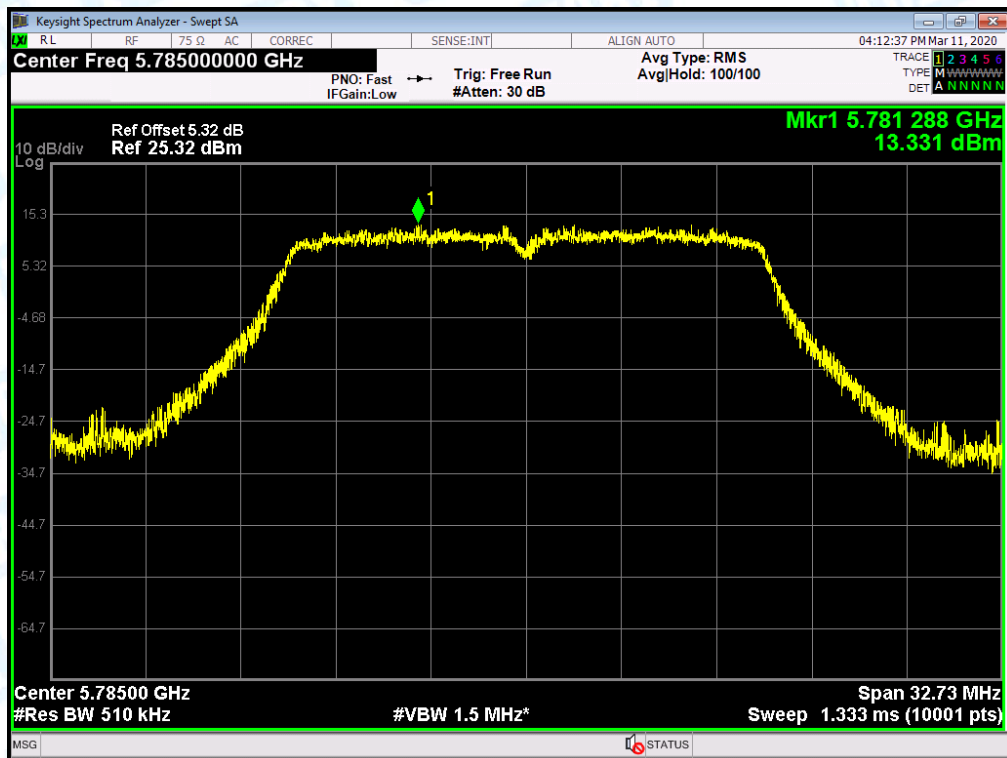
PSD NVNT 802.11a 5745MHz Ant.B



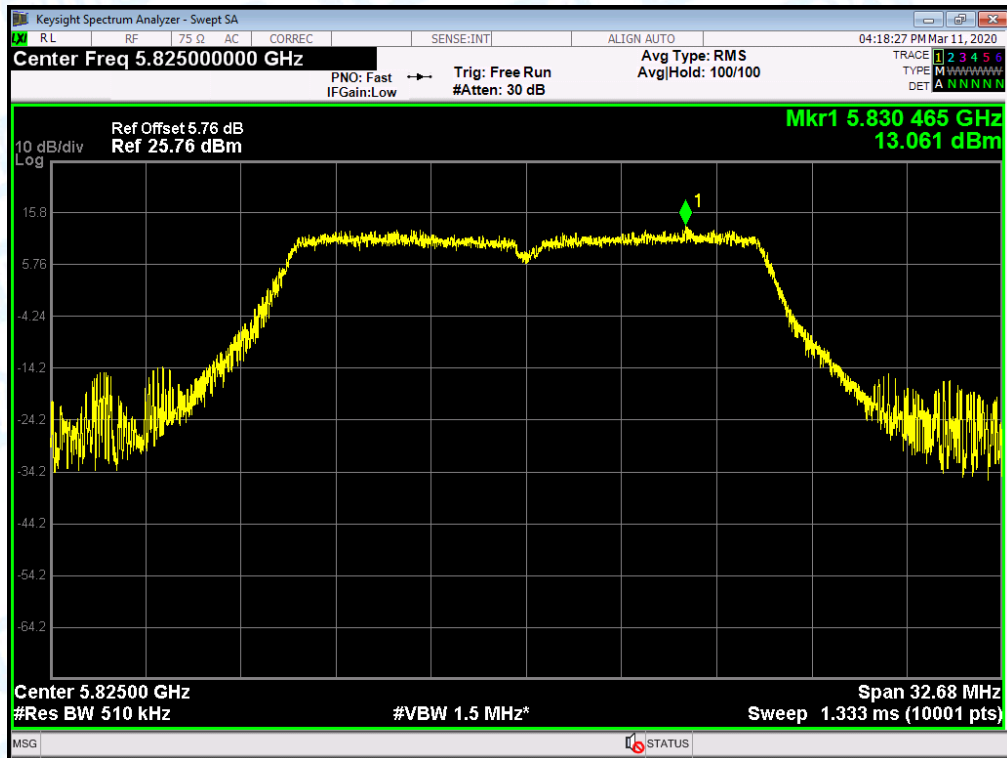
PSD NVNT 802.11a 5785MHz Ant.A



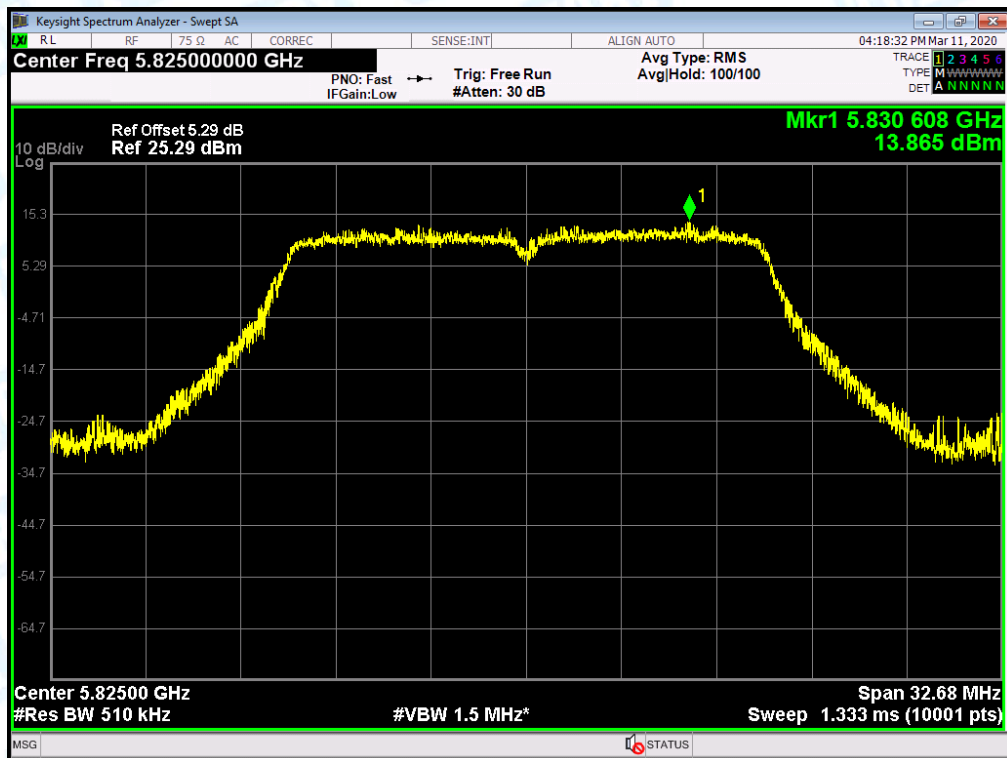
PSD NVNT 802.11a 5785MHz Ant.B



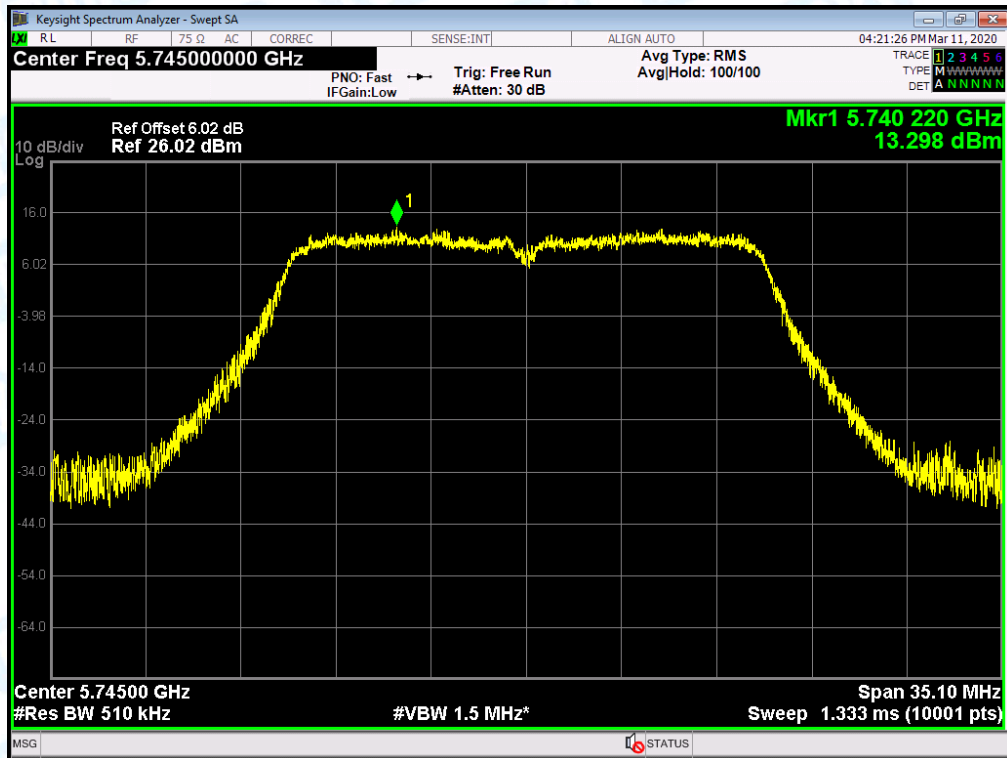
PSD NVNT 802.11a 5825MHz Ant.A



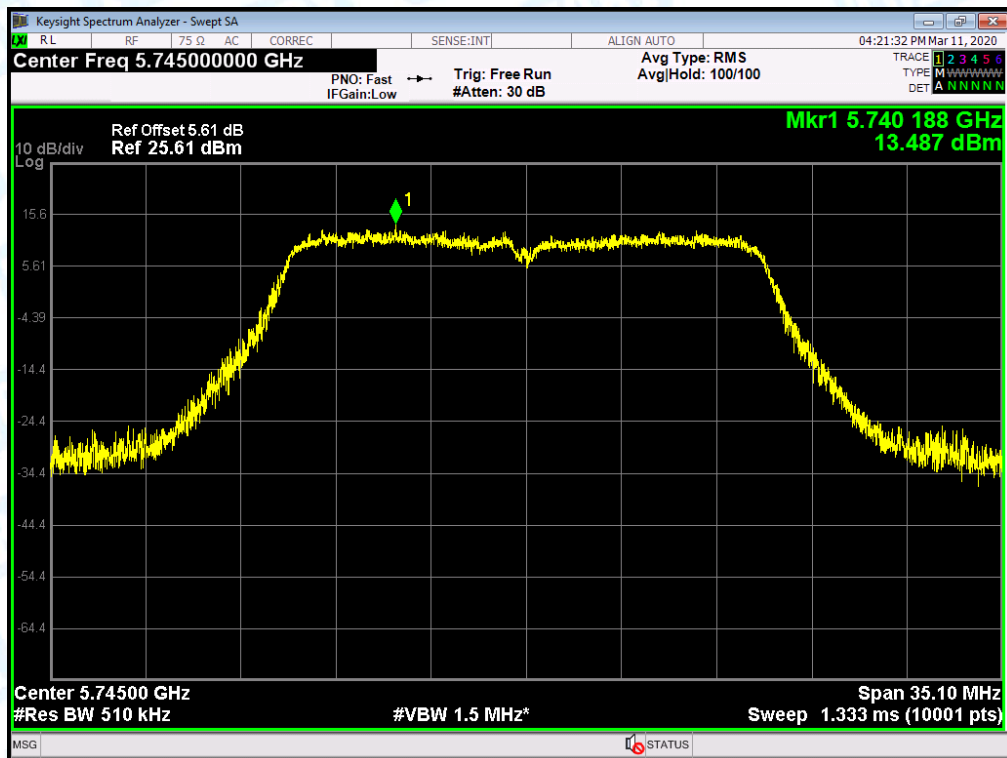
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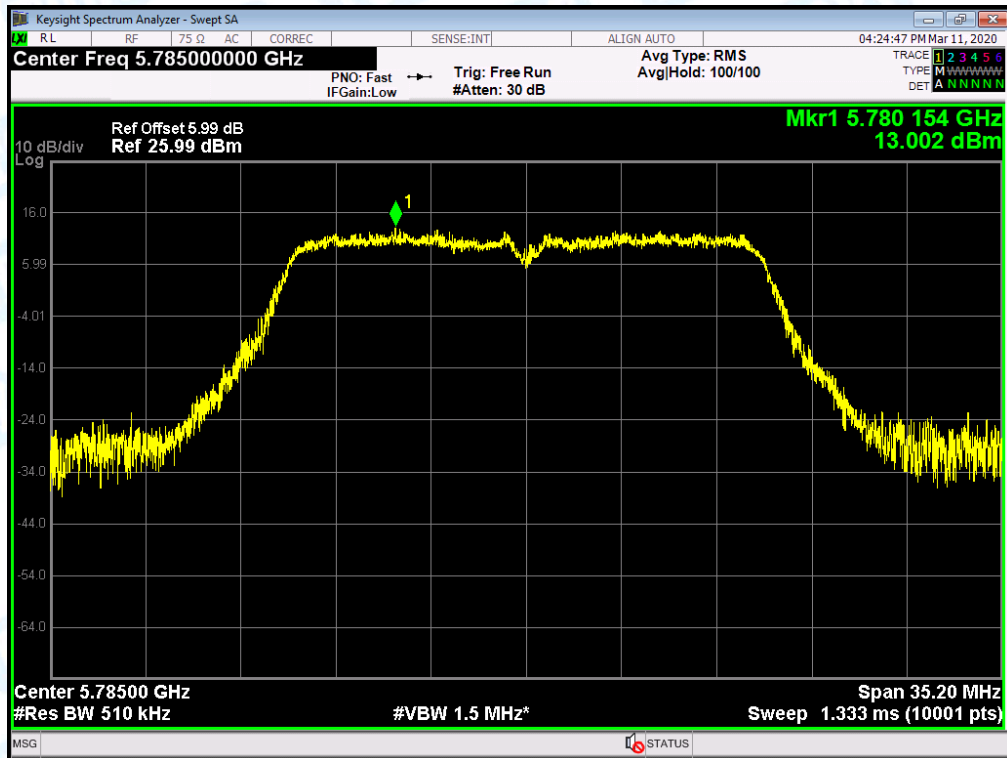
PSD NVNT 802.11n(HT20) 5745MHz Ant.A



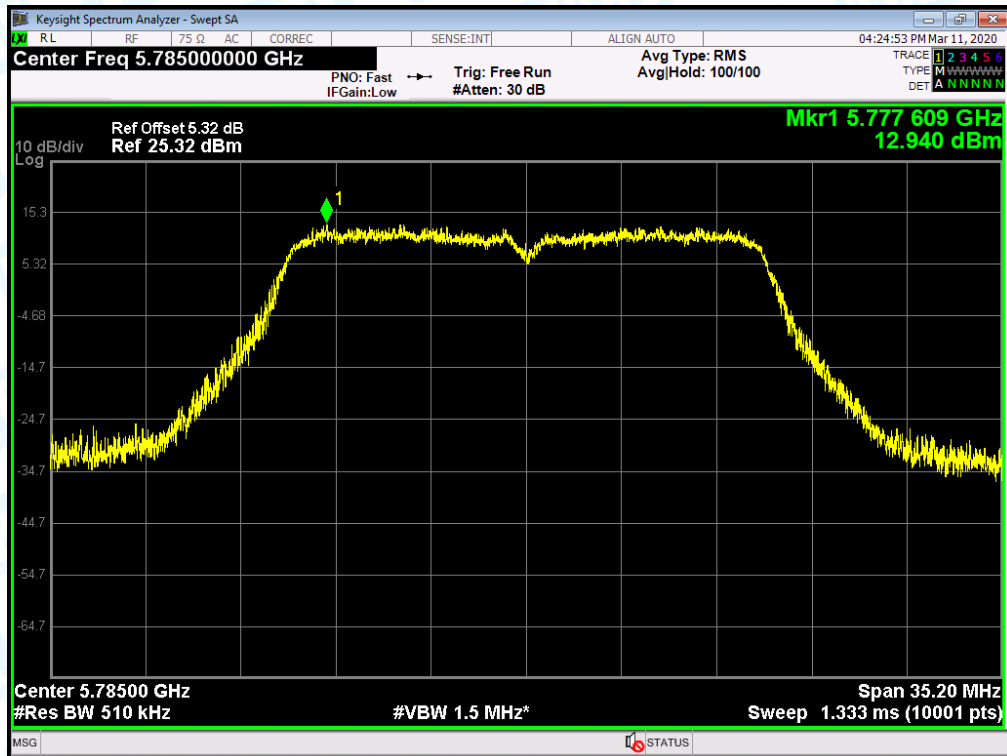
PSD NVNT 802.11n(HT20) 5745MHz Ant.B



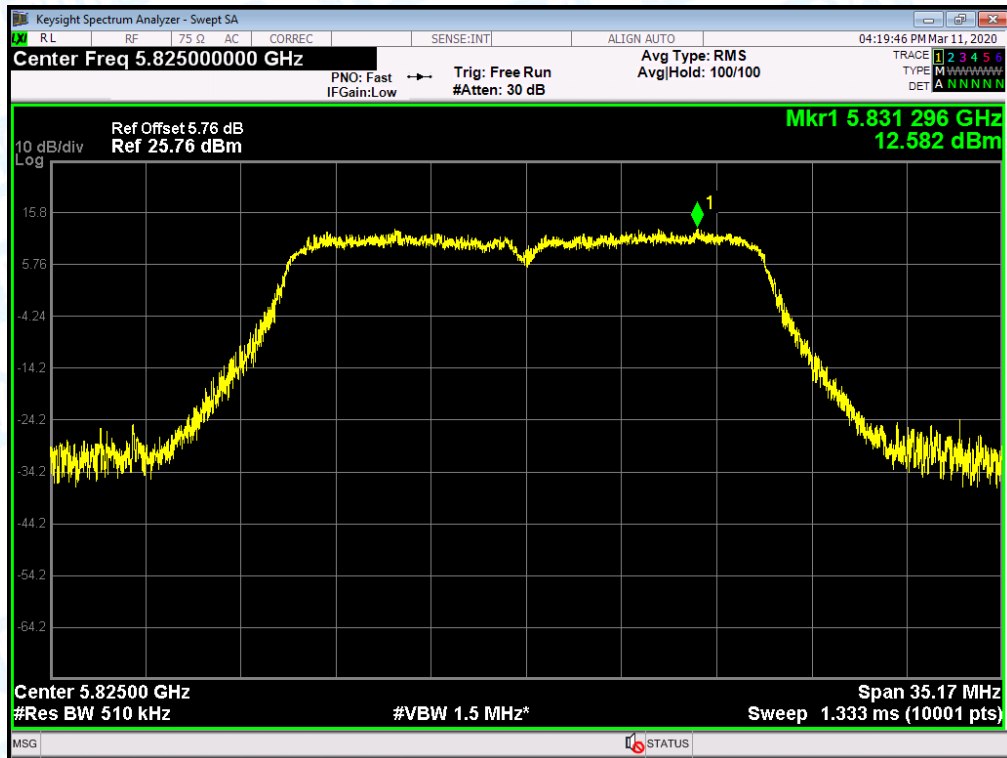
PSD NVNT 802.11n(HT20) 5785MHz Ant.A



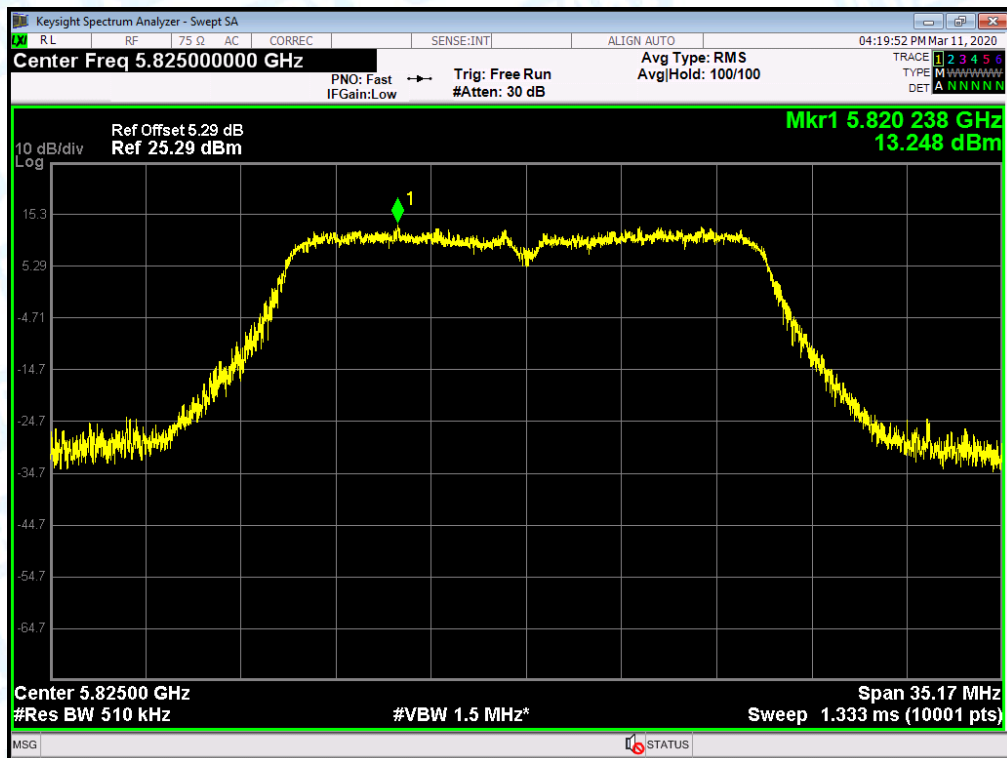
PSD NVNT 802.11n(HT20) 5785MHz Ant.B



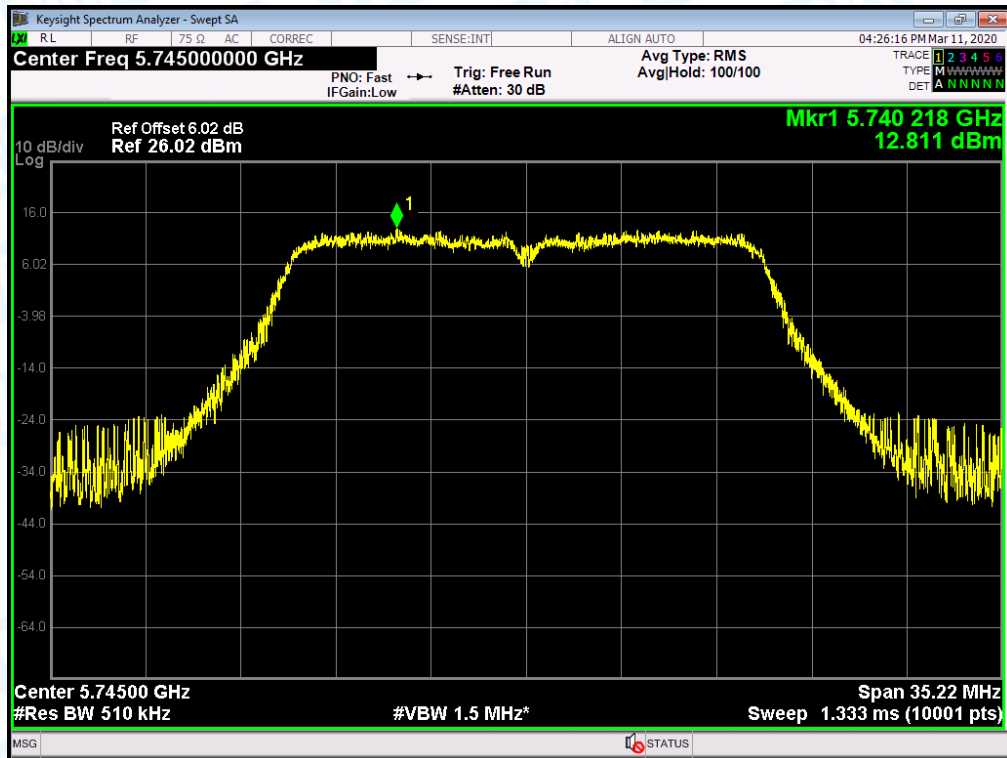
PSD NVNT 802.11n(HT20) 5825MHz Ant.A



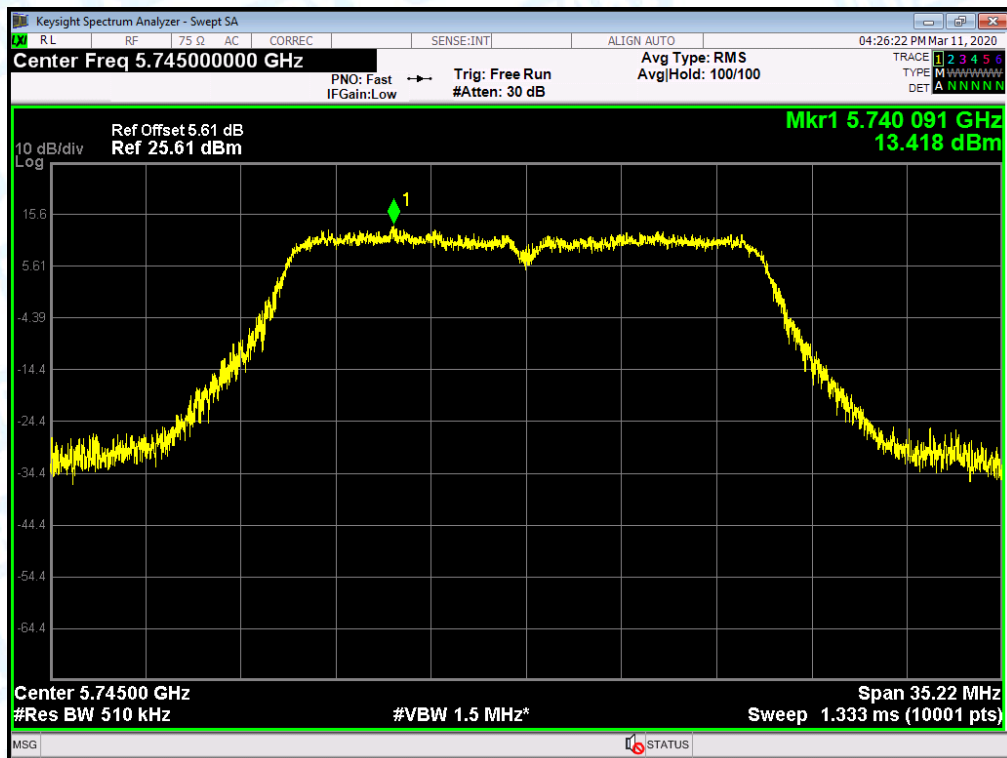
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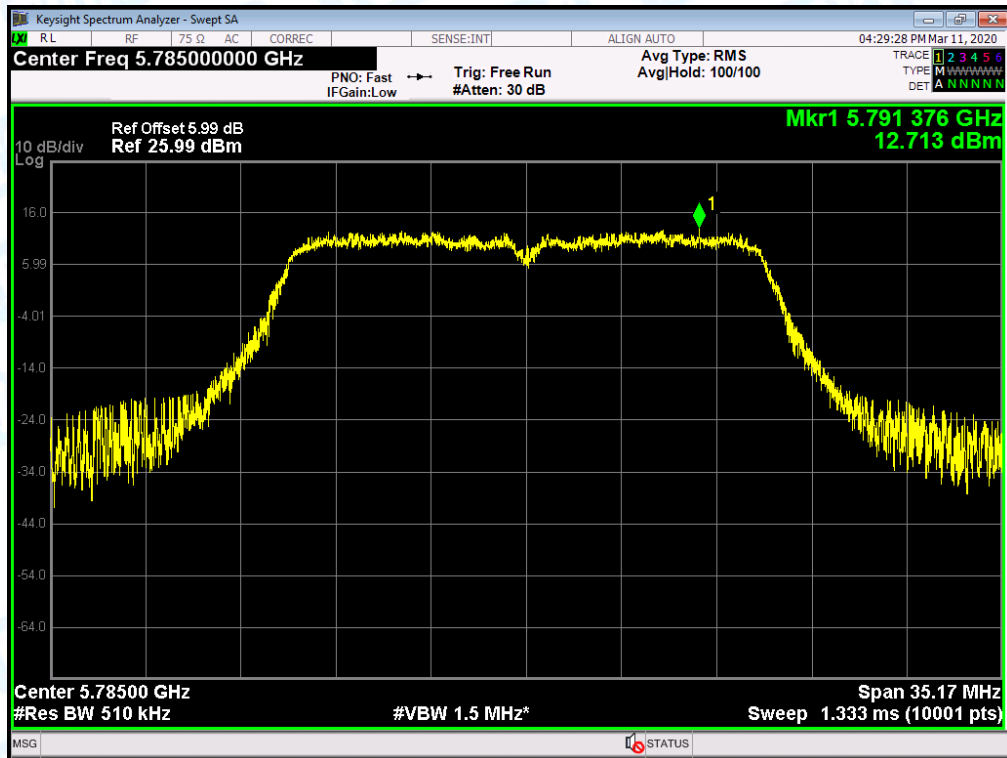
PSD NVNT 802.11ac(VHT20) 5745MHz Ant.A



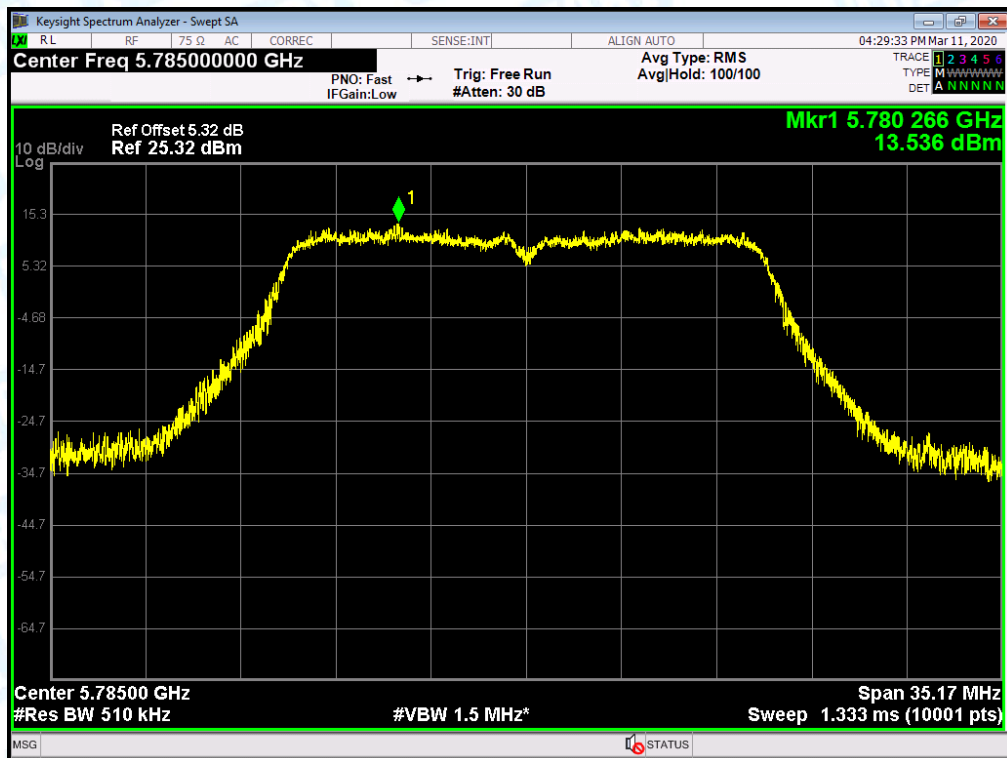
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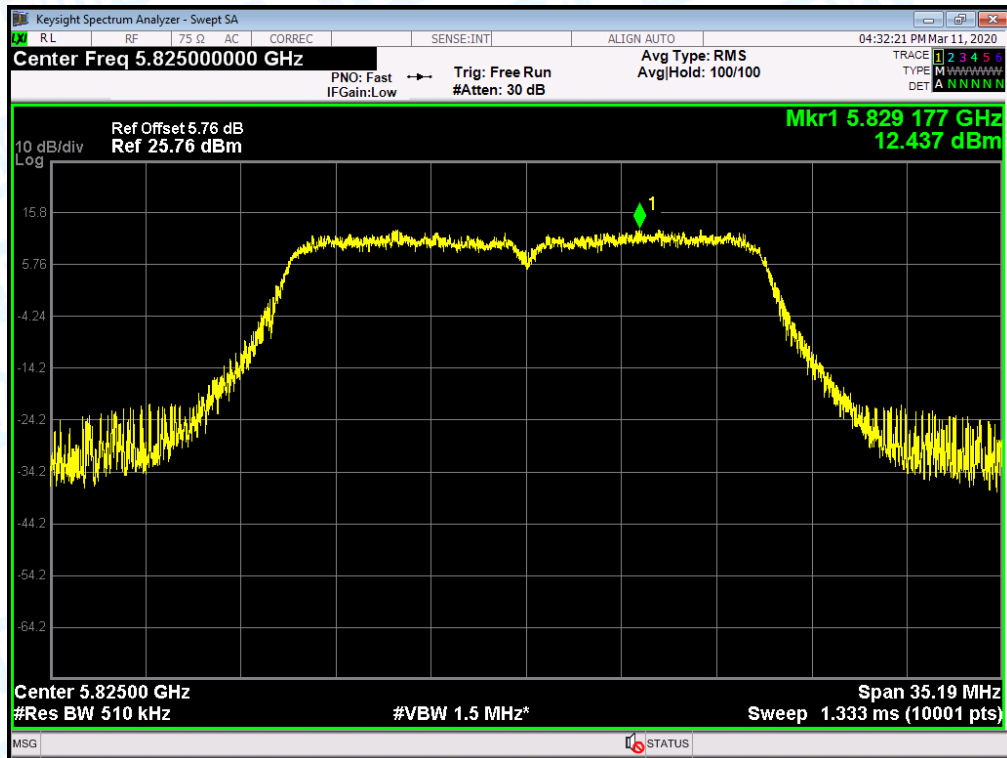
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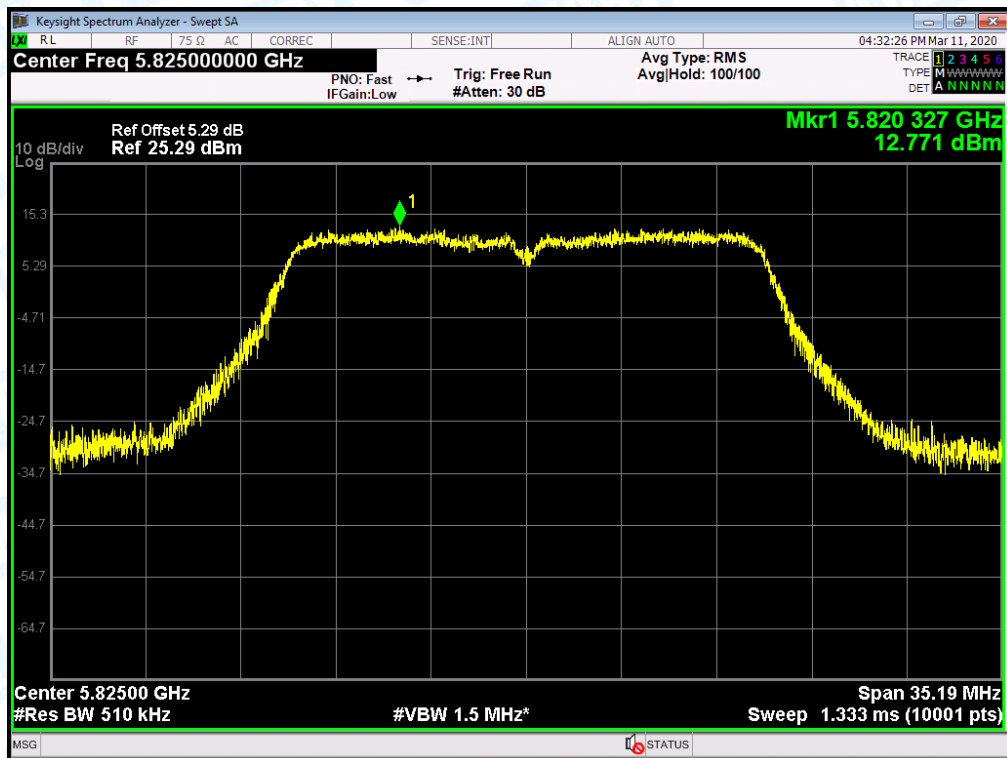
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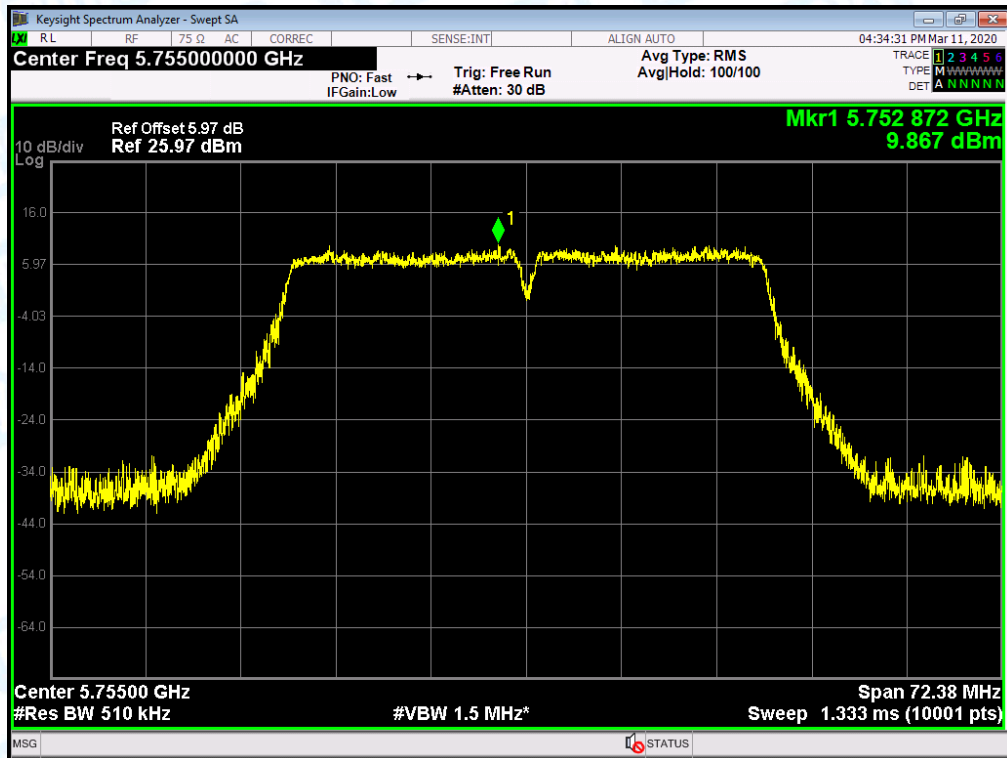
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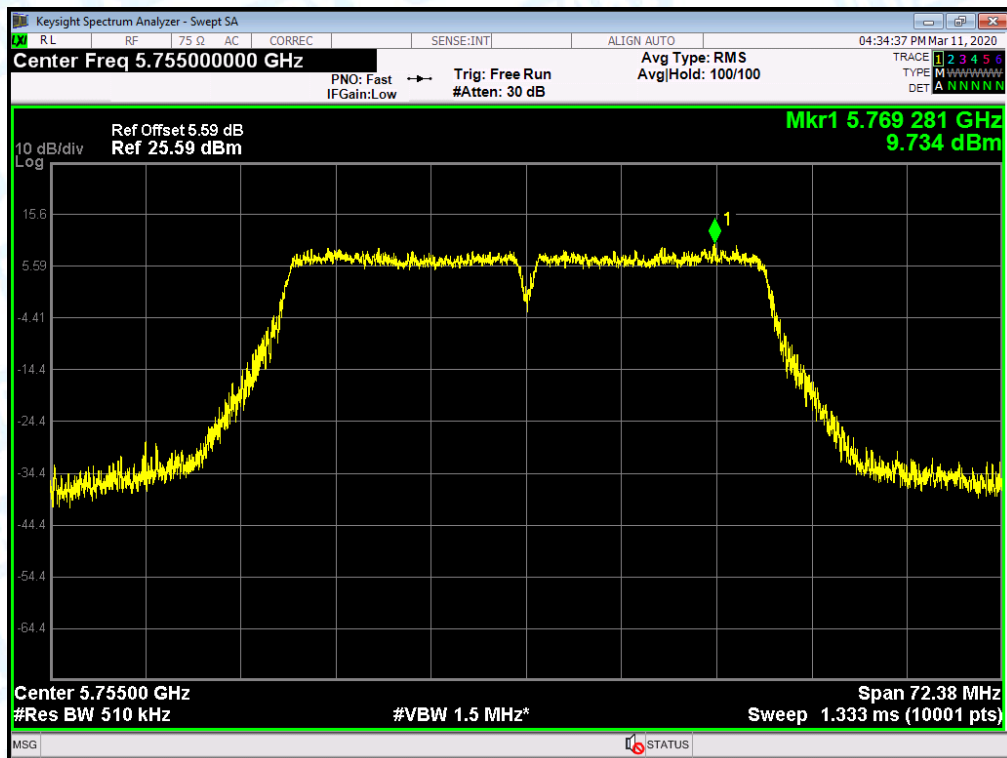
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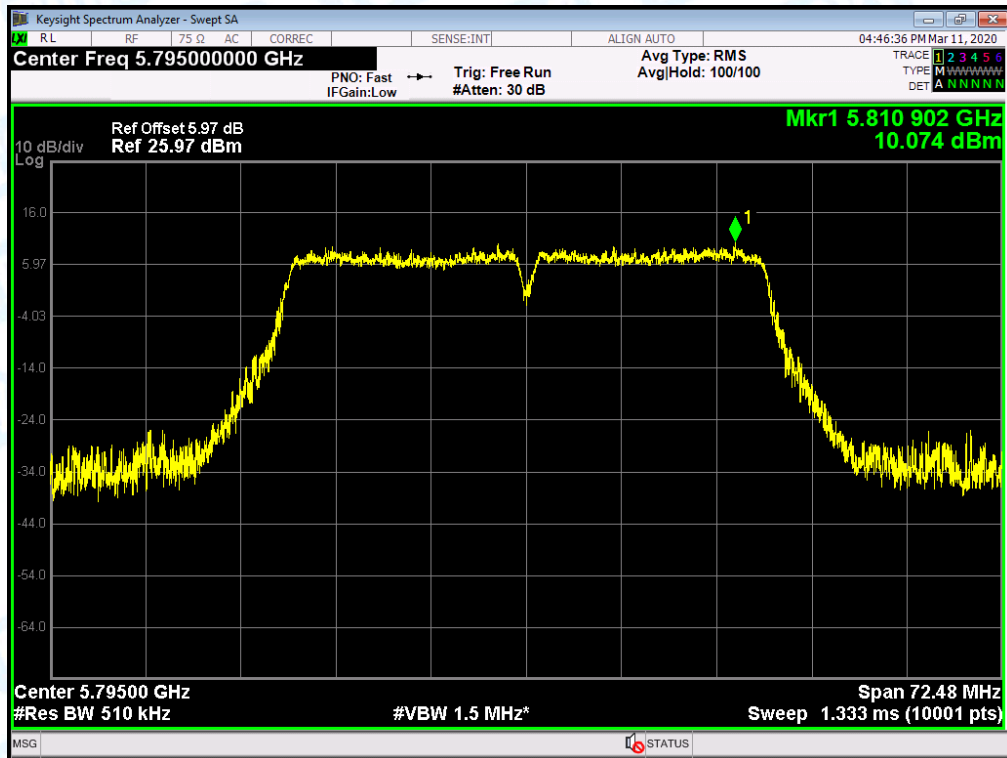
PSD NVNT 802.11n(HT40) 5755MHz Ant.A



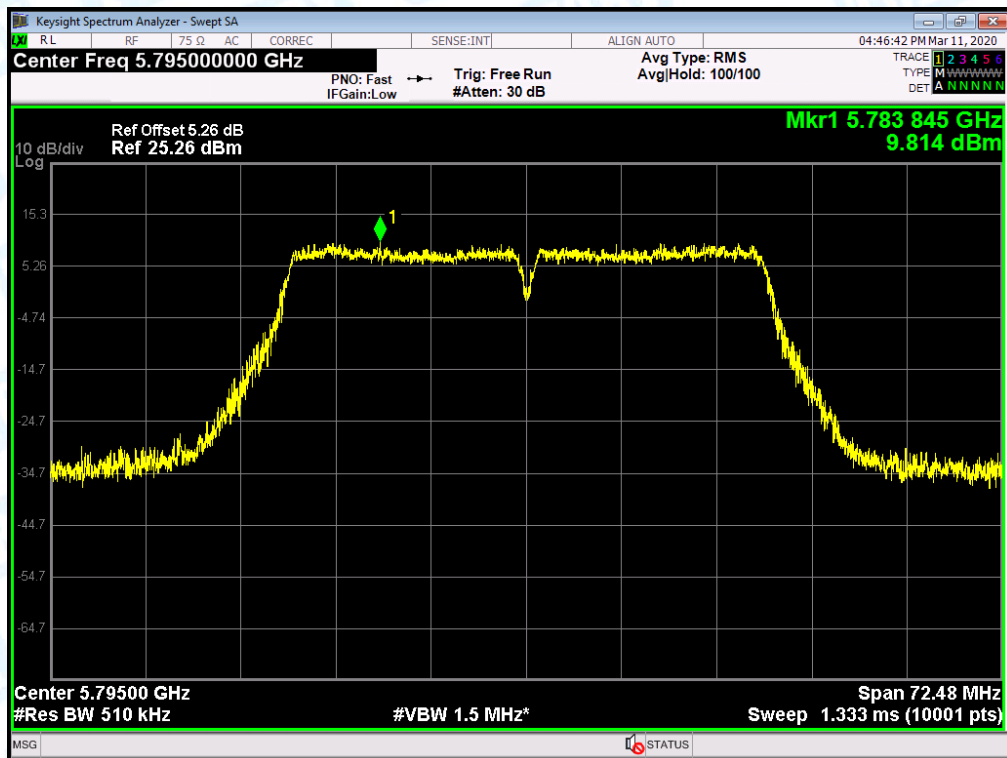
PSD NVNT 802.11n(HT40) 5755MHz Ant.B



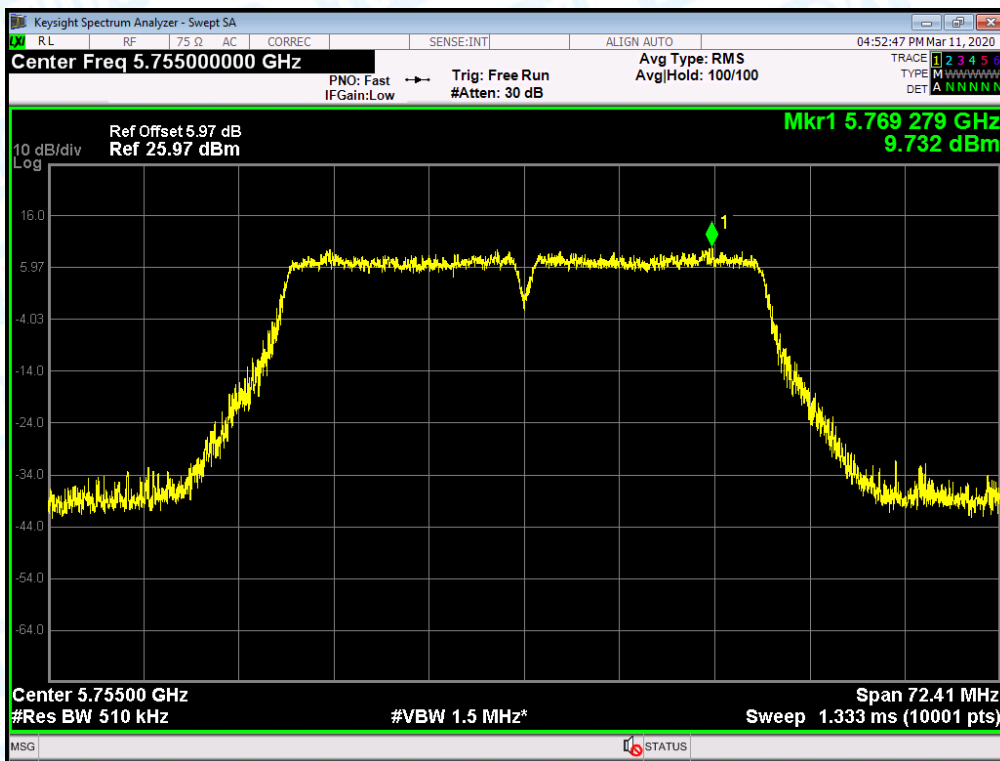
PSD NVNT 802.11n(HT40) 5795MHz Ant.A



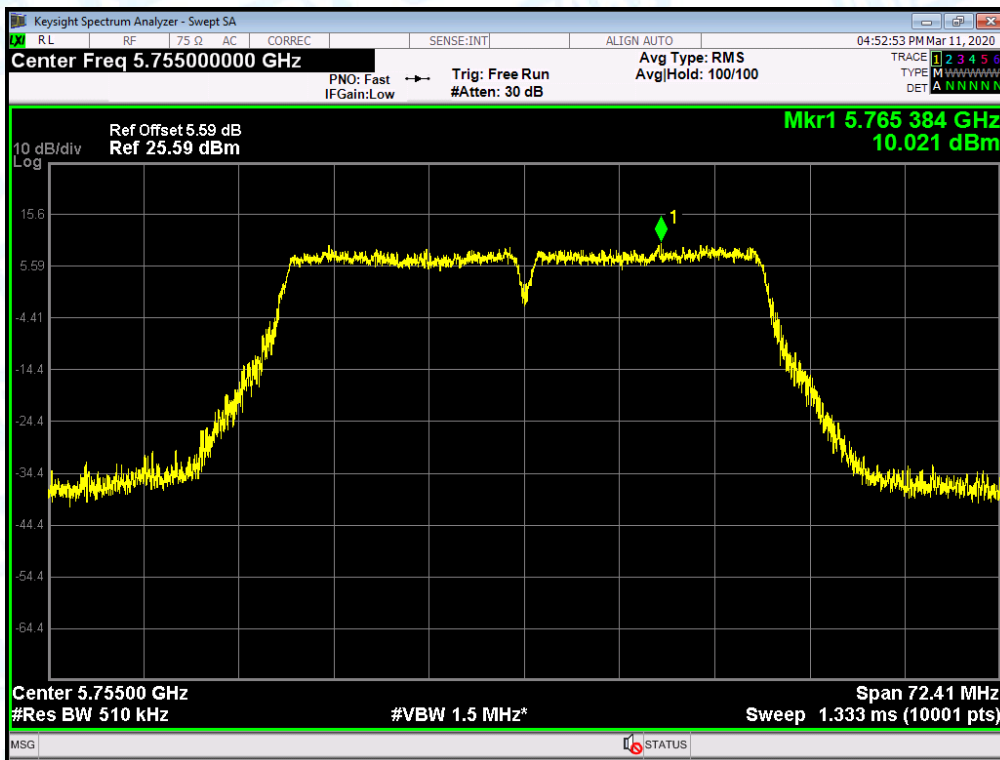
PSD NVNT 802.11n(HT40) 5795MHz Ant.B



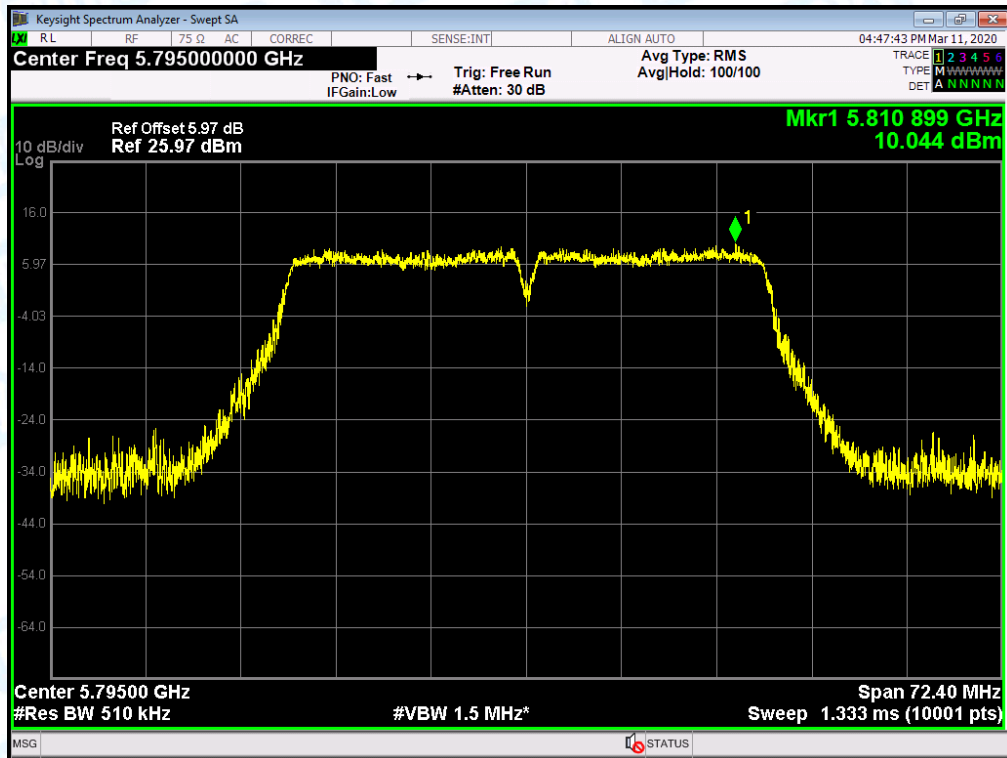
PSD NVNT 802.11ac(VHT40) 5755MHz Ant.A



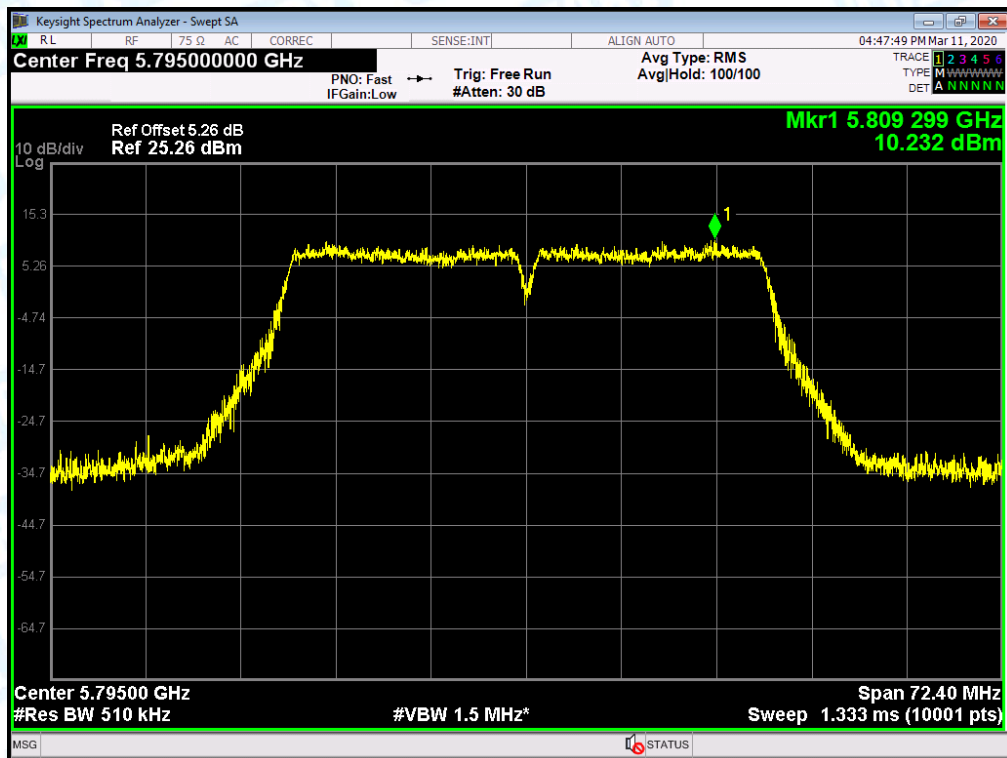
PSD NVNT 802.11ac(VHT40) 5755MHz Ant.B



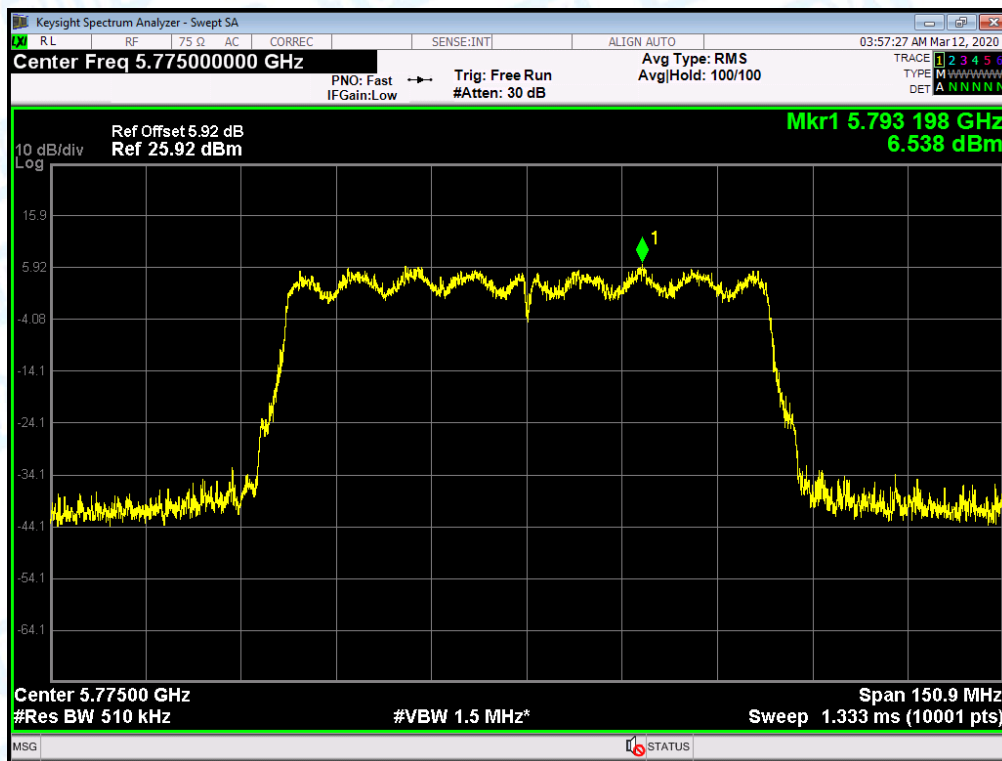
PSD NVNT 802.11ac(VHT40) 5795MHz Ant.A



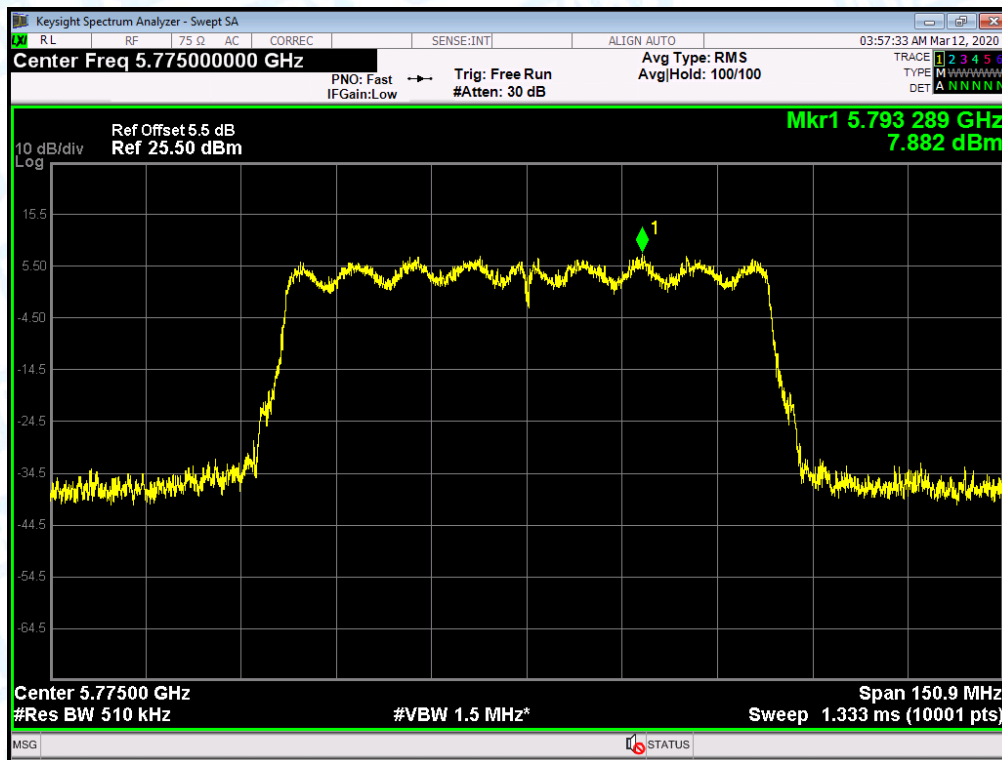
PSD NVNT 802.11ac(VHT40) 5795MHz Ant.B



PSD NVNT 802.11ac(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	5180.0200
120	5180.0400
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	5180.0400
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	5260.0100
120	5260.0000
118	5260.0200
Limit Range (MHz)	5250-5350
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5260.0200
10	5260.0100
20	5260.0000
30	5260.0300
40	5260.0500
50	5260.0400
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	5499.9900
120	5499.9800
118	5499.9700
Limit Range (MHz)	5470-5725
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5499.9900
10	5499.9900
20	5499.9600
30	5499.9900
40	5499.9800
50	5499.9700
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	5745.0000
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	5745.0000
20	5745.0200
30	5745.0700
40	5745.0400
50	5745.0200
Limit Range (MHz)	5725-5850
Result	PASS

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