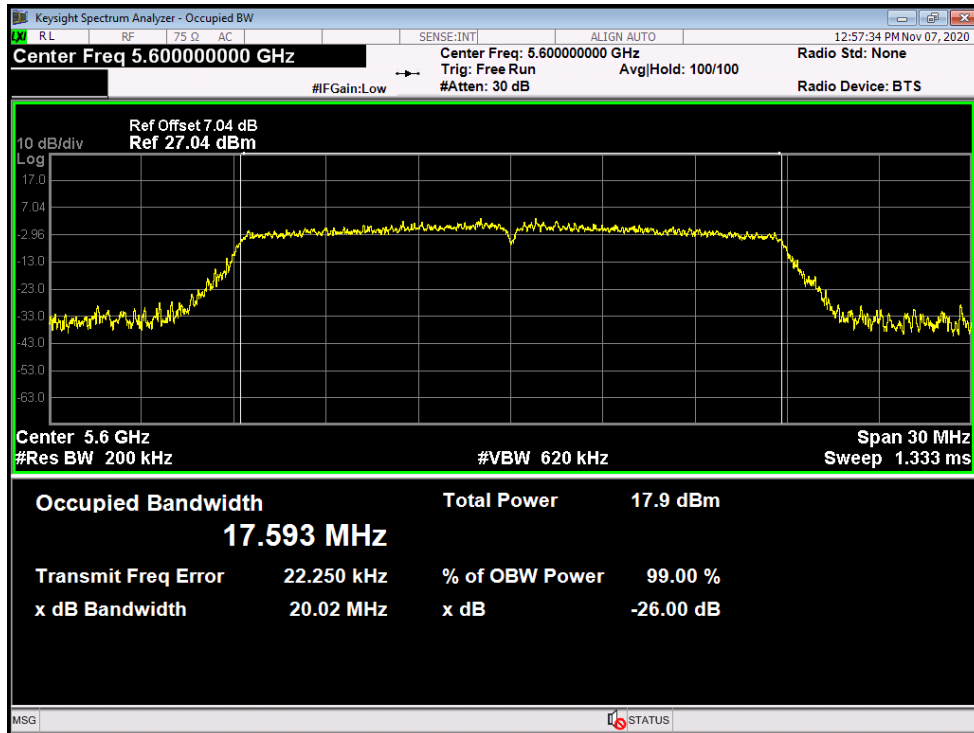


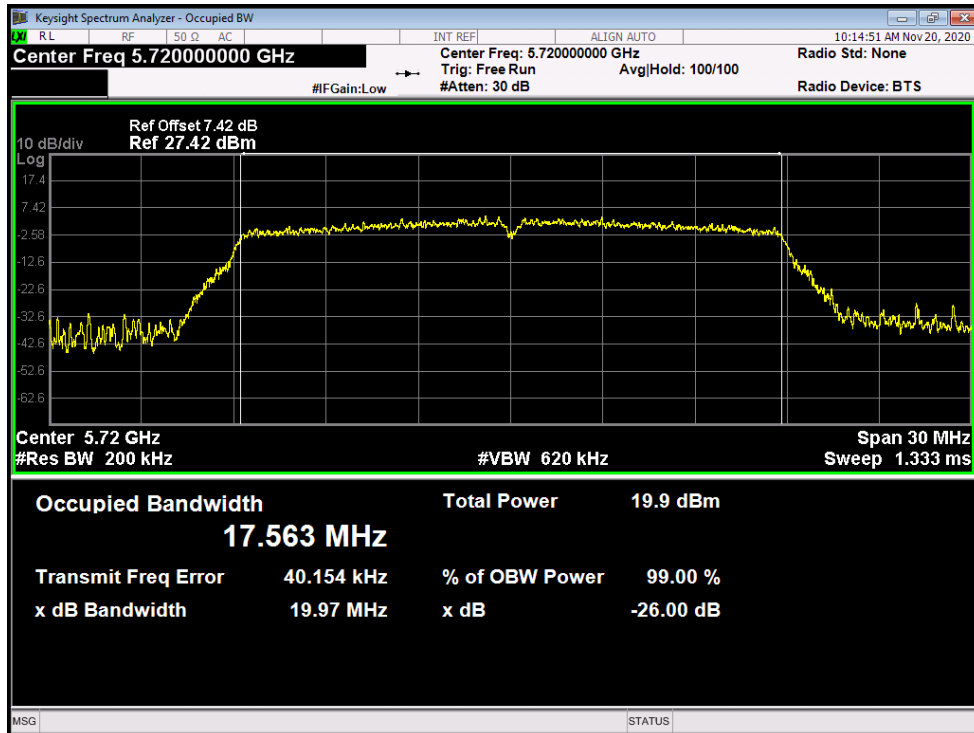
802.11ac(VHT20) Mode

5600 MHz



802.11ac(VHT20) Mode

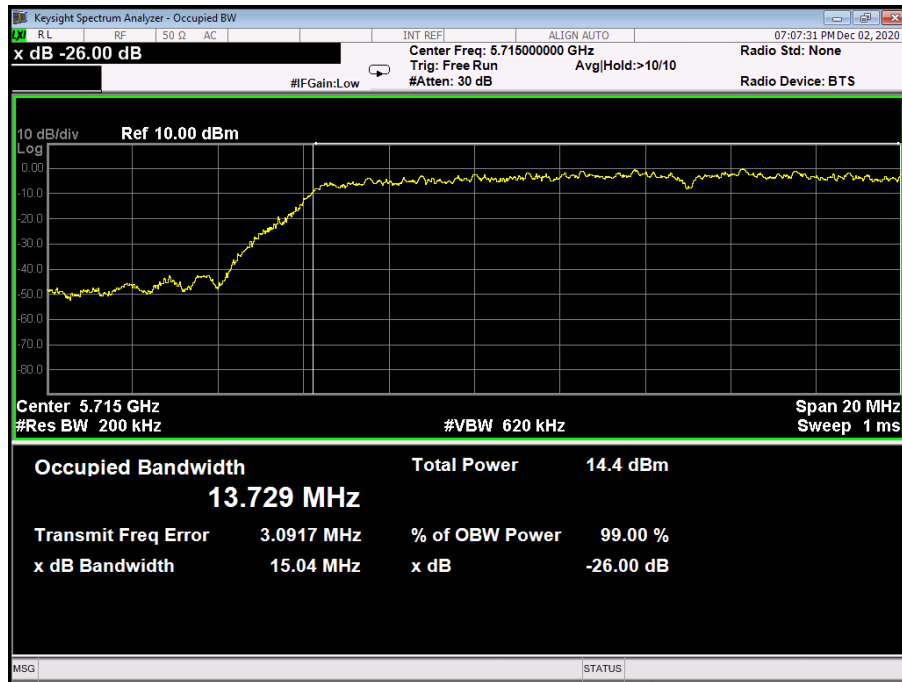
5720 MHz



Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-2C)			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
144	5720	15.04	----	13.729
		----	3.404	4.1793

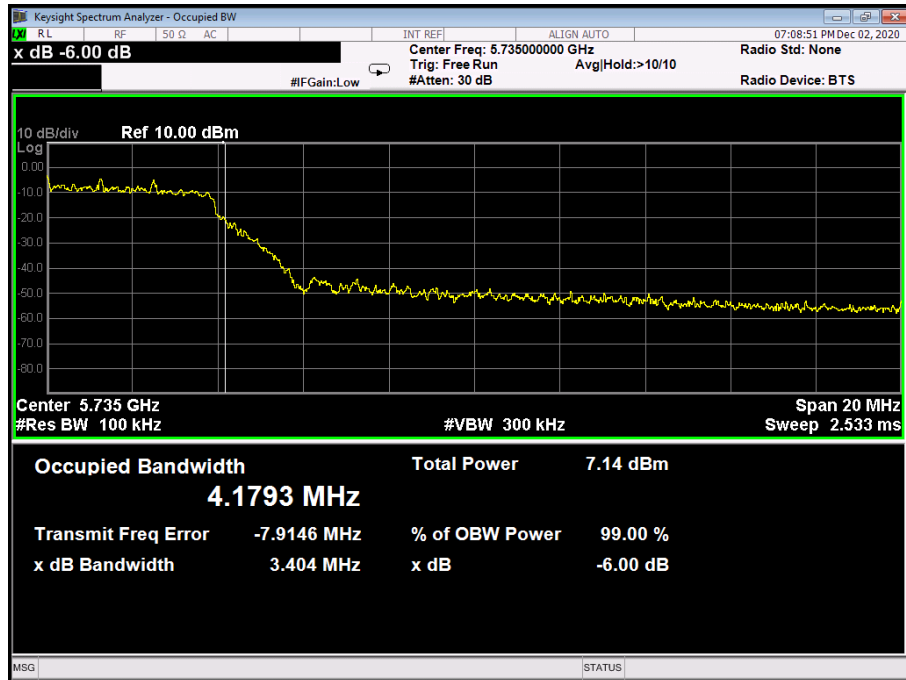
802.11ac(VHT20) Mode

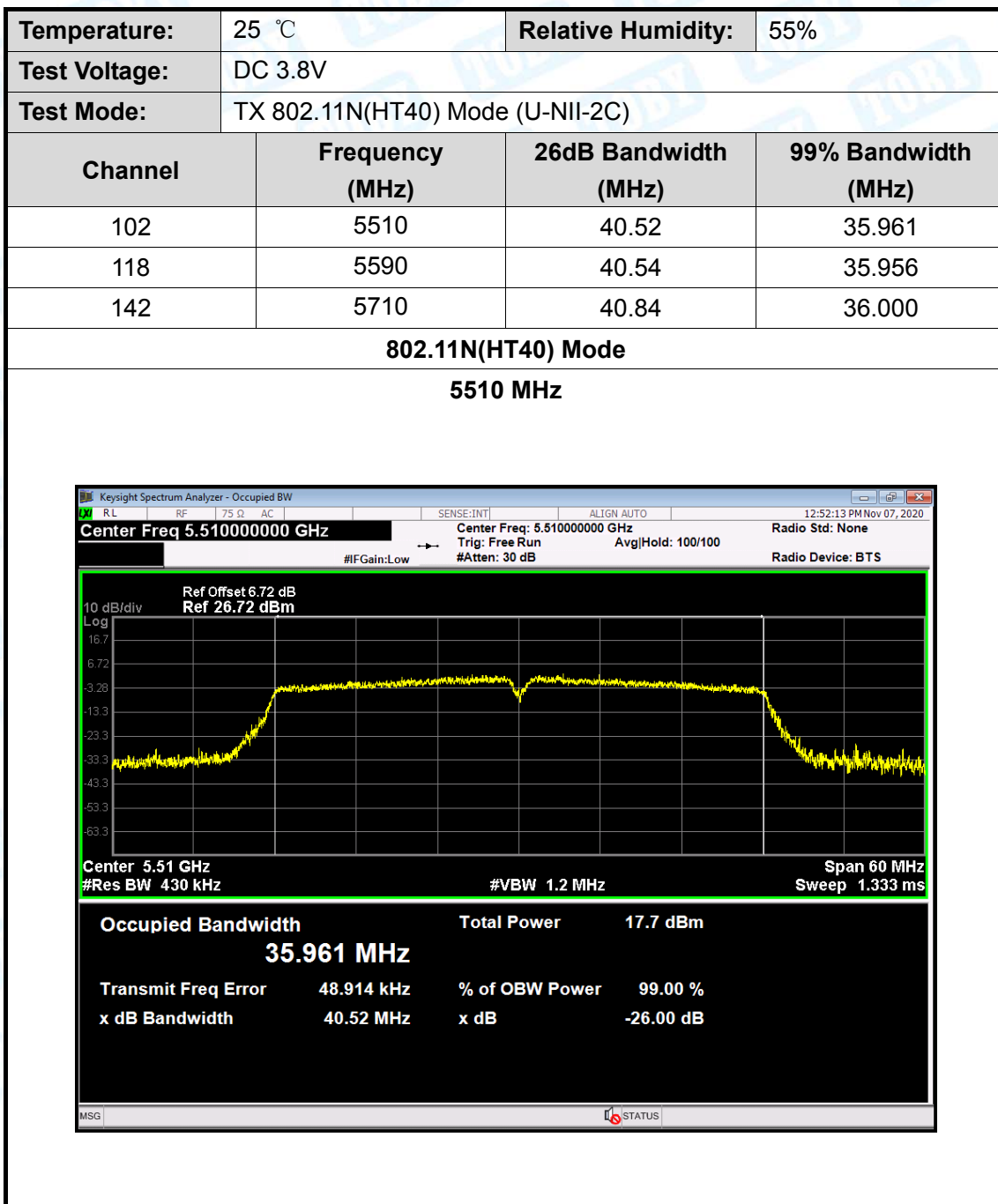
5720 MHz Straddle 5.47-5.725GHz



802.11ac(VHT20) Mode

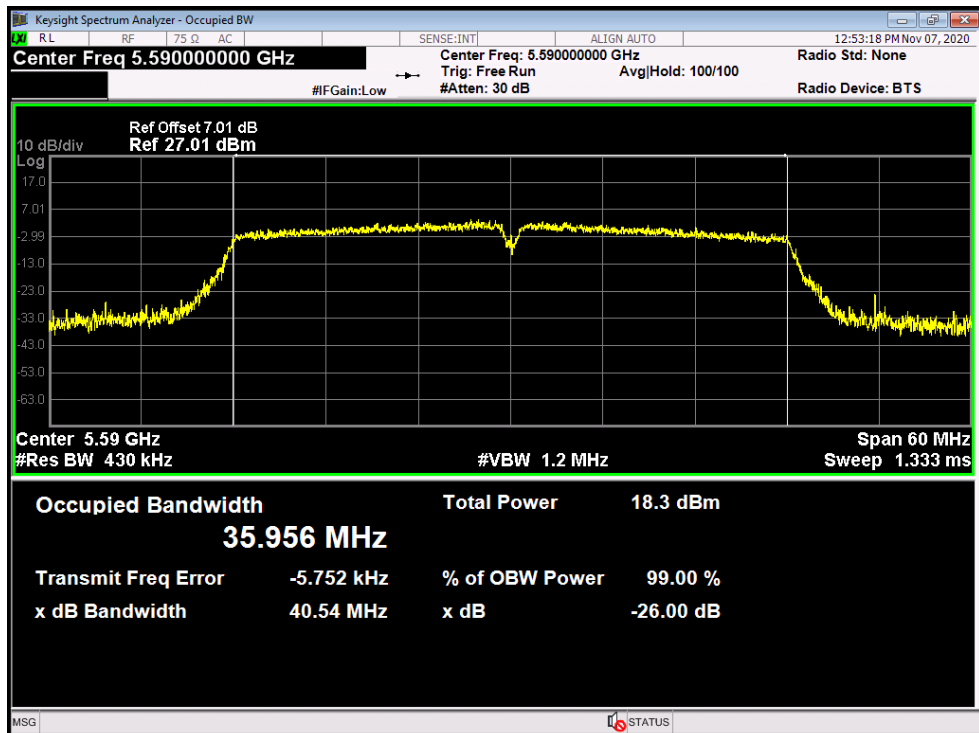
5720 MHz Straddle 5.725-5.85GHz





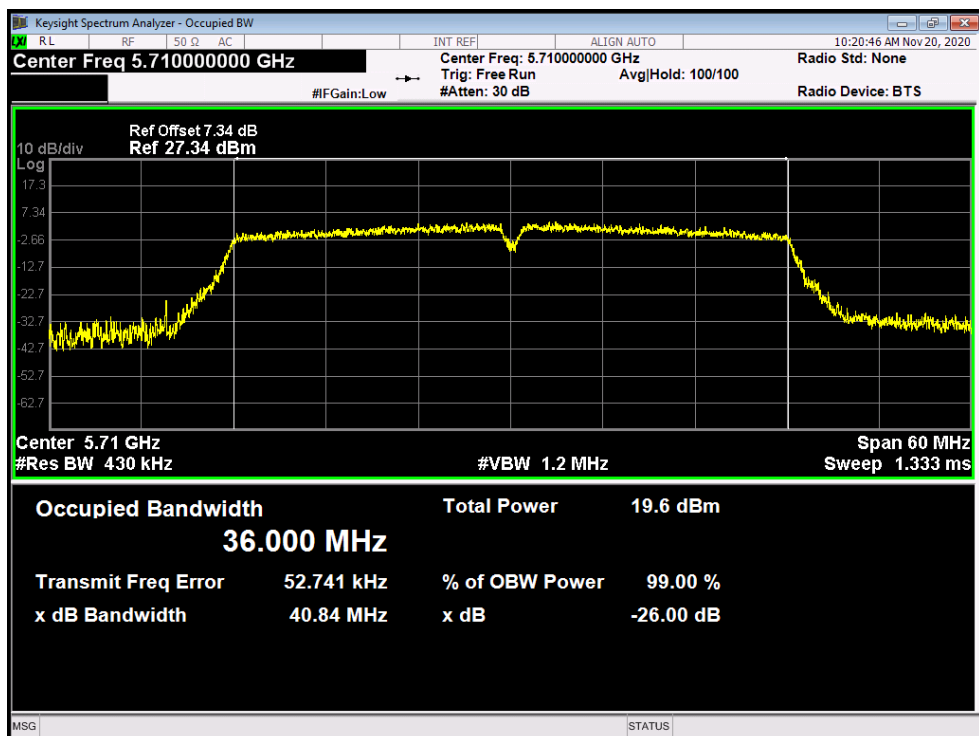
802.11N(HT40) Mode

5590 MHz



802.11N(HT40) Mode

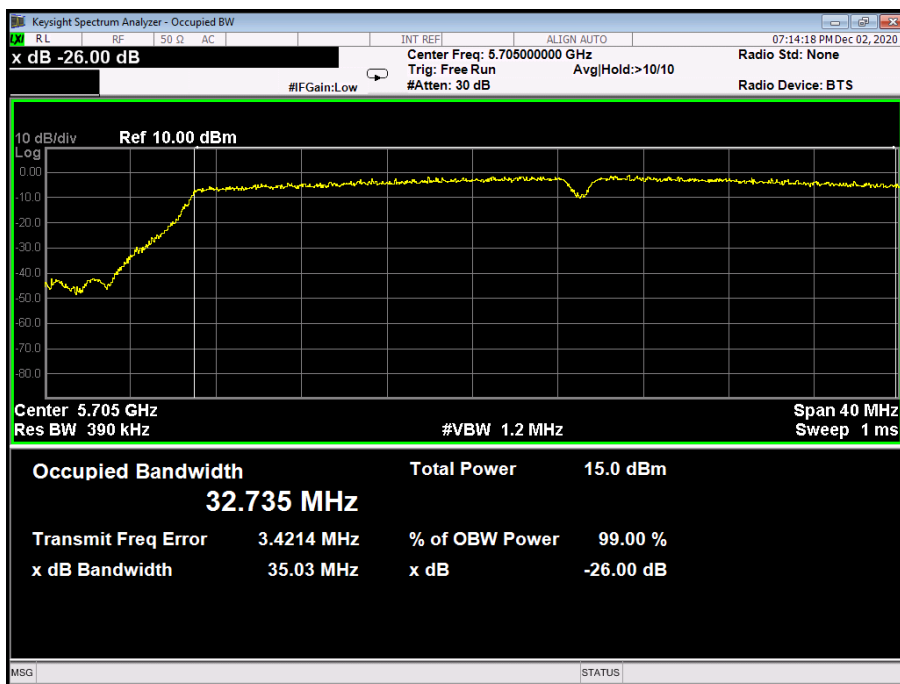
5710 MHz



Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
Test Mode:	TX 802.11n(HT40) Mode (U-NII-2C)			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
142	5710	35.03	----	32.735
		----	3.171	3.9539

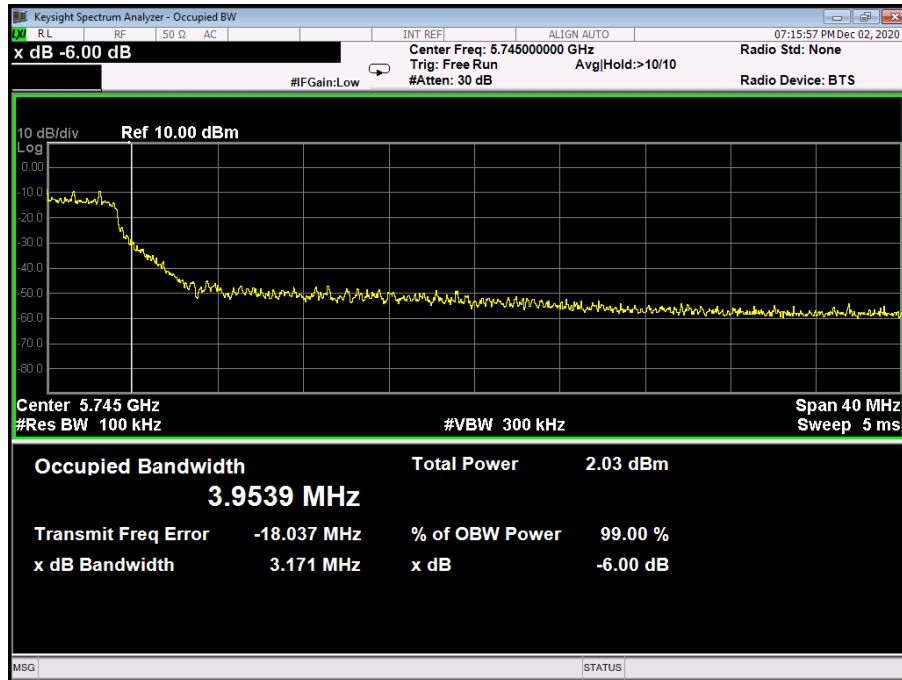
802.11n(HT40) Mode

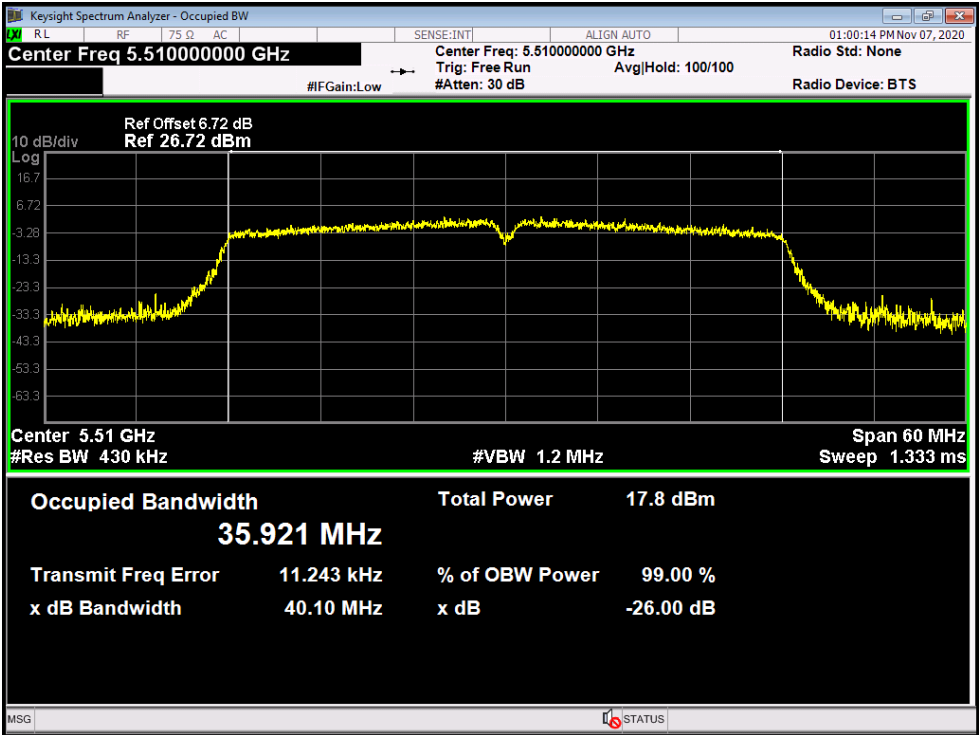
5710 MHz Straddle 5.47-5.725GHz



802.11n(HT40) Mode

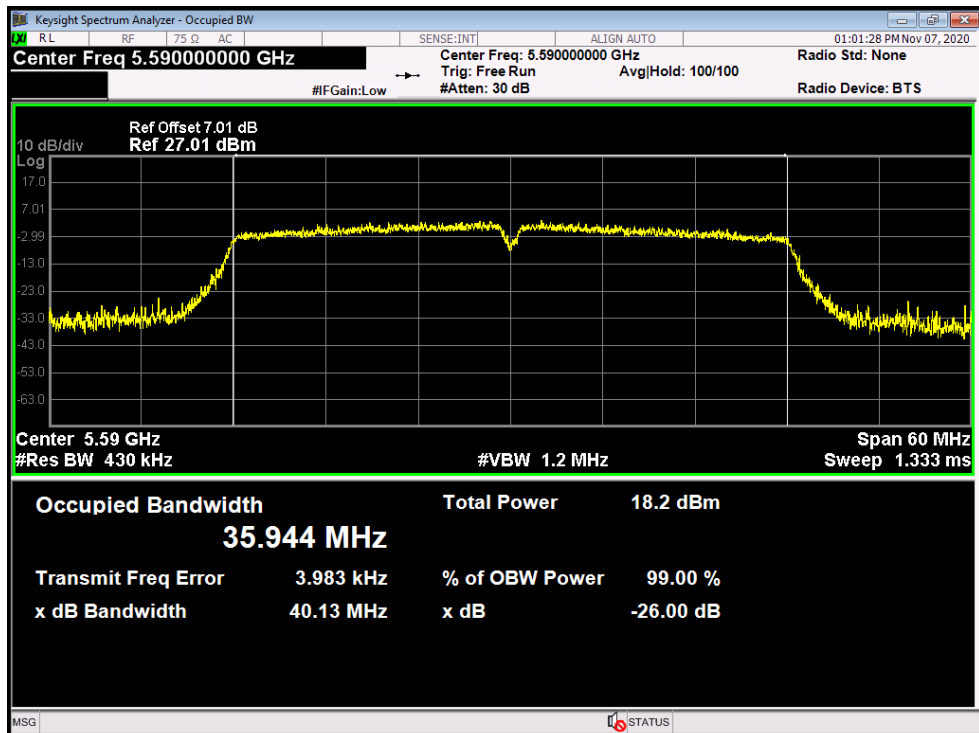
5710 MHz Straddle 5.725-5.85GHz



Temperature:	25 °C	Relative Humidity:	55%																
Test Voltage:	DC 3.8V																		
Test Mode:	TX 802.11 ac(VHT40) Mode (U-NII-2C)																		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)																
102	5510	40.10	35.921																
118	5590	40.13	35.944																
142	5710	40.22	35.994																
802.11ac(VHT40) Mode																			
5510 MHz																			
 The screenshot displays a Keysight Spectrum Analyzer interface. The main plot shows a signal centered at 5.51 GHz with a span of 60 MHz. The signal is characterized by a flat top and sloped sides, typical of a modulated signal. The y-axis represents power in dBm, ranging from -63.3 to 16.7. The x-axis represents frequency in MHz. Below the plot, key parameters are listed: Center Freq: 5.510000000 GHz, Res BW: 430 kHz, Span: 60 MHz, Sweep: 1.333 ms. A summary table at the bottom provides the following data: <table border="1"> <thead> <tr> <th colspan="2">Occupied Bandwidth</th> <th colspan="2">Total Power</th> </tr> </thead> <tbody> <tr> <td colspan="2">35.921 MHz</td> <td colspan="2">17.8 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>11.243 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>40.10 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </tbody> </table>				Occupied Bandwidth		Total Power		35.921 MHz		17.8 dBm		Transmit Freq Error	11.243 kHz	% of OBW Power	99.00 %	x dB Bandwidth	40.10 MHz	x dB	-26.00 dB
Occupied Bandwidth		Total Power																	
35.921 MHz		17.8 dBm																	
Transmit Freq Error	11.243 kHz	% of OBW Power	99.00 %																
x dB Bandwidth	40.10 MHz	x dB	-26.00 dB																

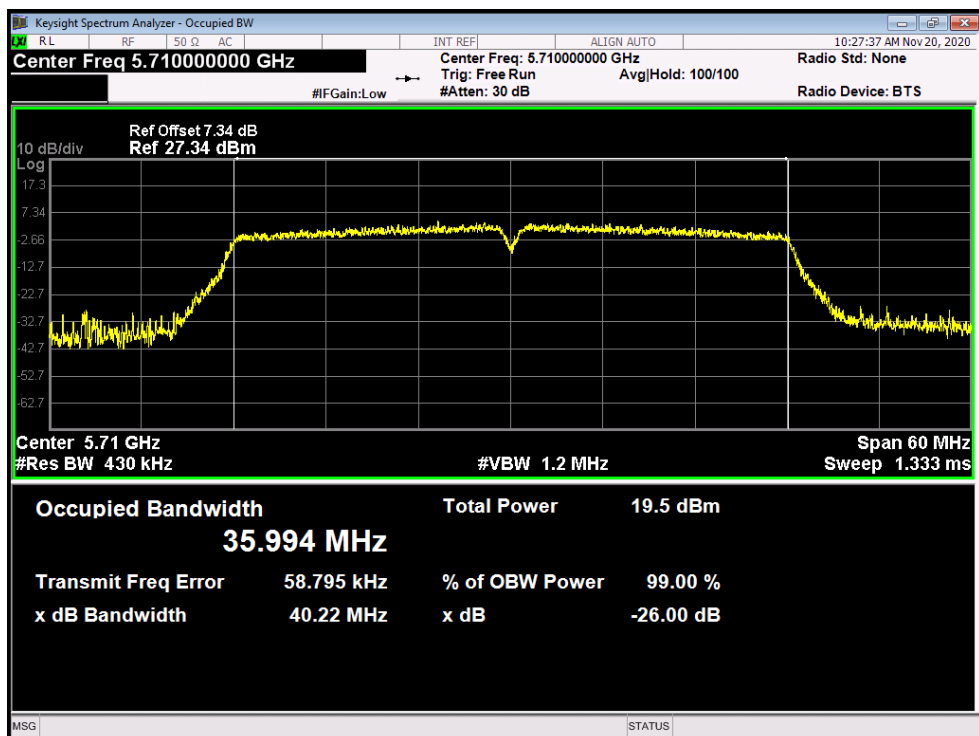
802.11ac(VHT40) Mode

5590 MHz



802.11ac(VHT40) Mode

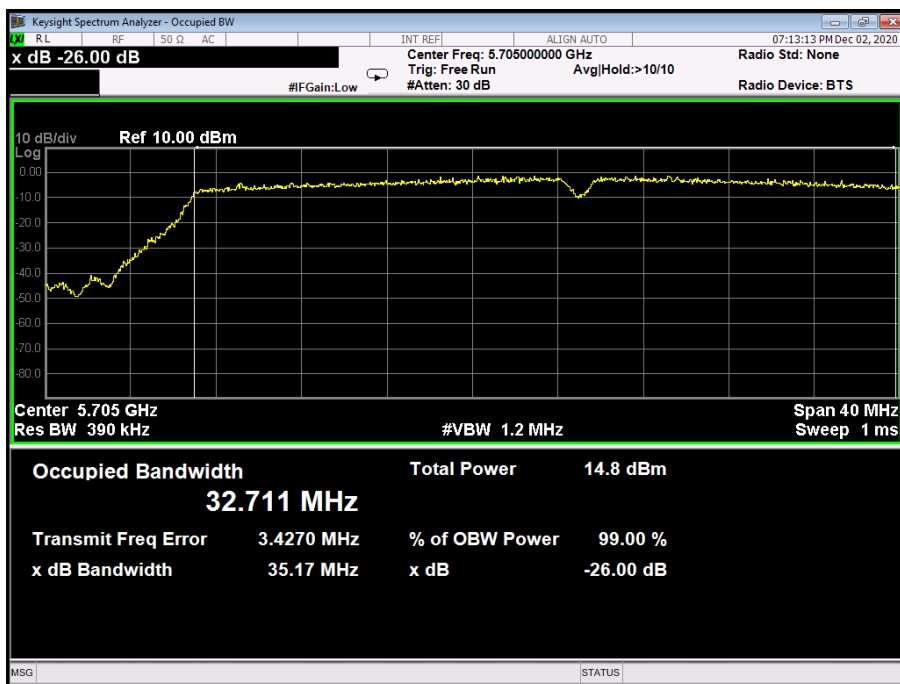
5710 MHz



Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
Test Mode:	TX 802.11ac(VHT40) Mode (U-NII-2C)			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
142	5710	35.17	----	32.711
		----	3.178	3.9896

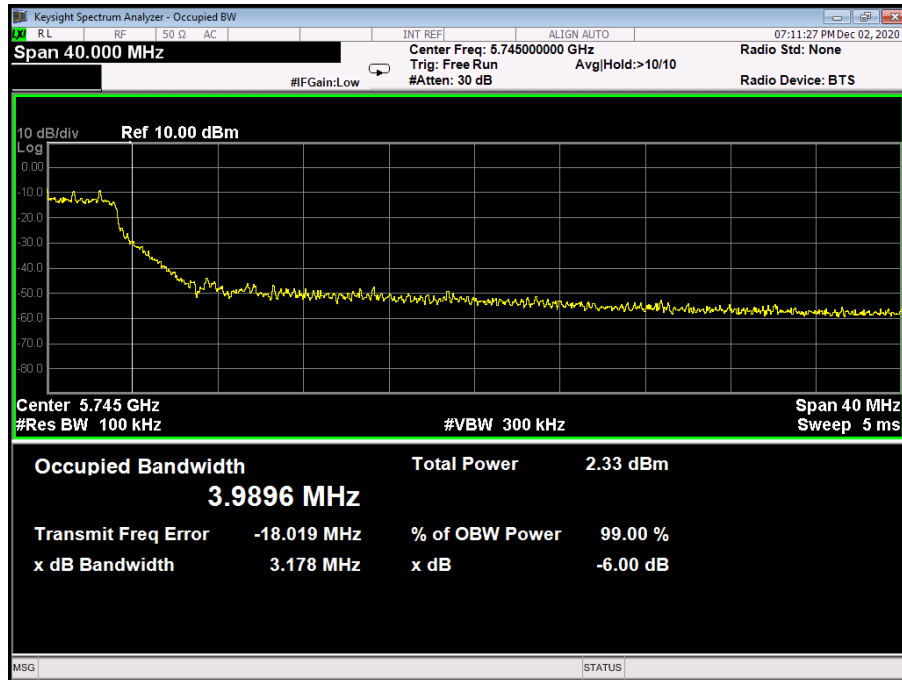
802.11ac(VHT40) Mode

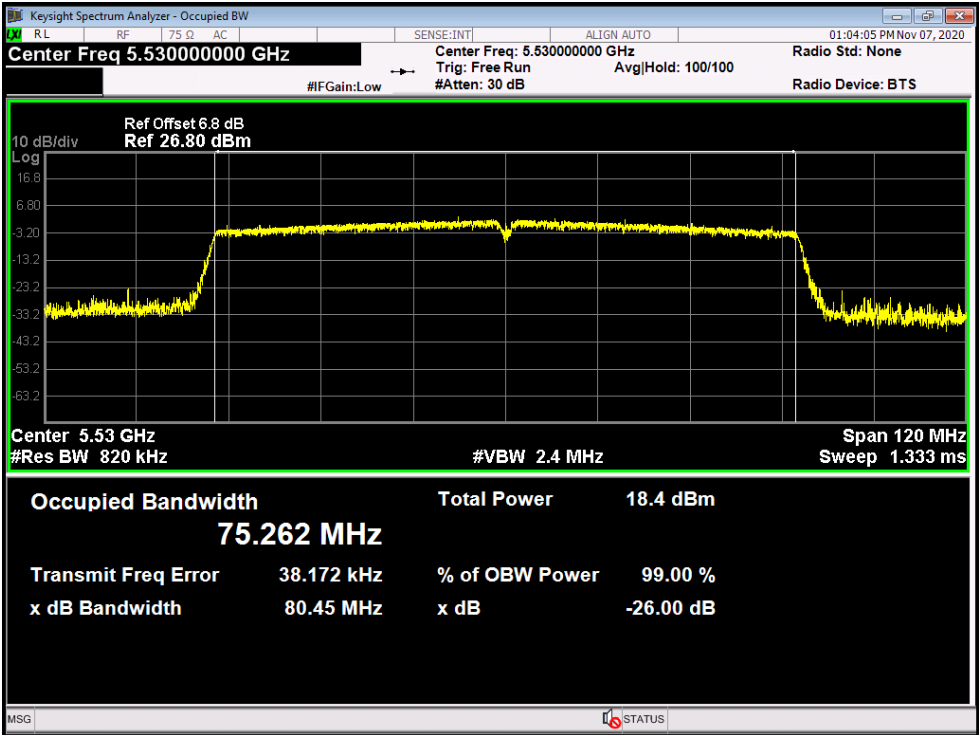
5710 MHz Straddle 5.47-5.725GHz



802.11ac(VHT40) Mode

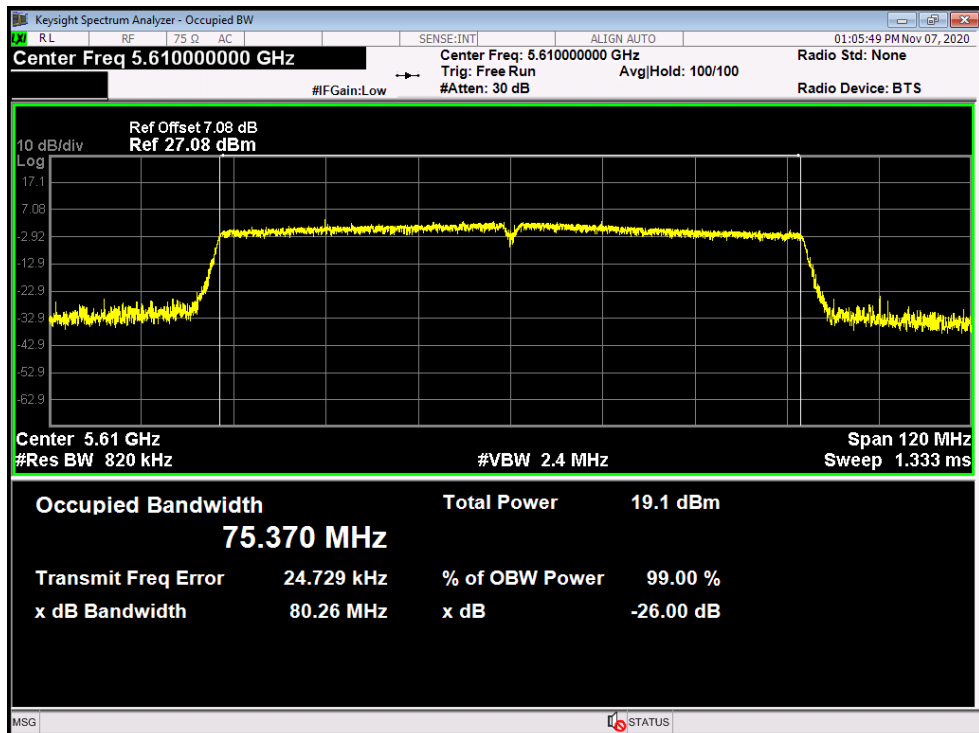
5710 MHz Straddle 5.725-5.85GHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11 ac(VHT80) Mode (U-NII-2C)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
106	5530	80.45	75.262
122	5610	80.26	75.370
138	5690	80.56	75.309
802.11ac(VHT80) Mode			
5530 MHz			
 The screenshot shows a Keysight Spectrum Analyzer interface. The main display is a log-scale plot of power spectral density (PSD) in dBm/Hz versus frequency in MHz. The center frequency is 5.530000000 GHz. The signal is a flat-topped spectrum, characteristic of OFDM. The occupied bandwidth (OBW) is 75.262 MHz. The total power is 18.4 dBm. The transmit frequency error is 38.172 kHz. The x dB bandwidth is 80.45 MHz. The percentage of OBW power is 99.00%. The x dB value is -26.00 dB. The reference offset is 6.8 dB and the reference level is 26.80 dBm. The resolution bandwidth (Res BW) is 820 kHz. The video bandwidth (VBW) is 2.4 MHz. The span is 120 MHz and the sweep time is 1.333 ms. The radio device is identified as BTS.			

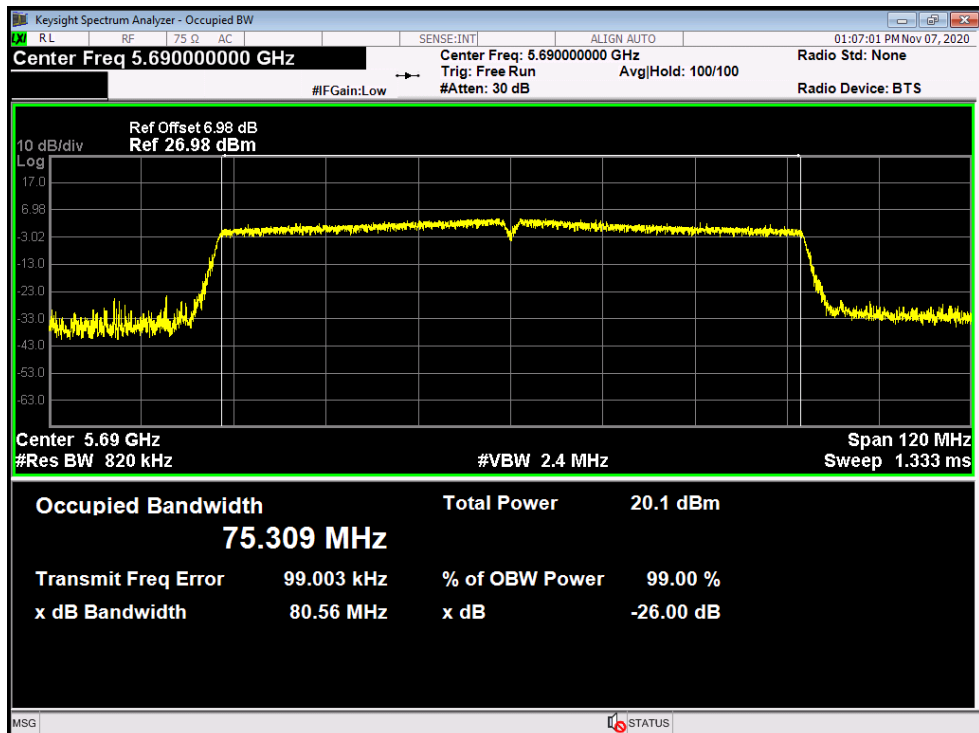
802.11ac(VHT80) Mode

5610 MHz



802.11ac(VHT80) Mode

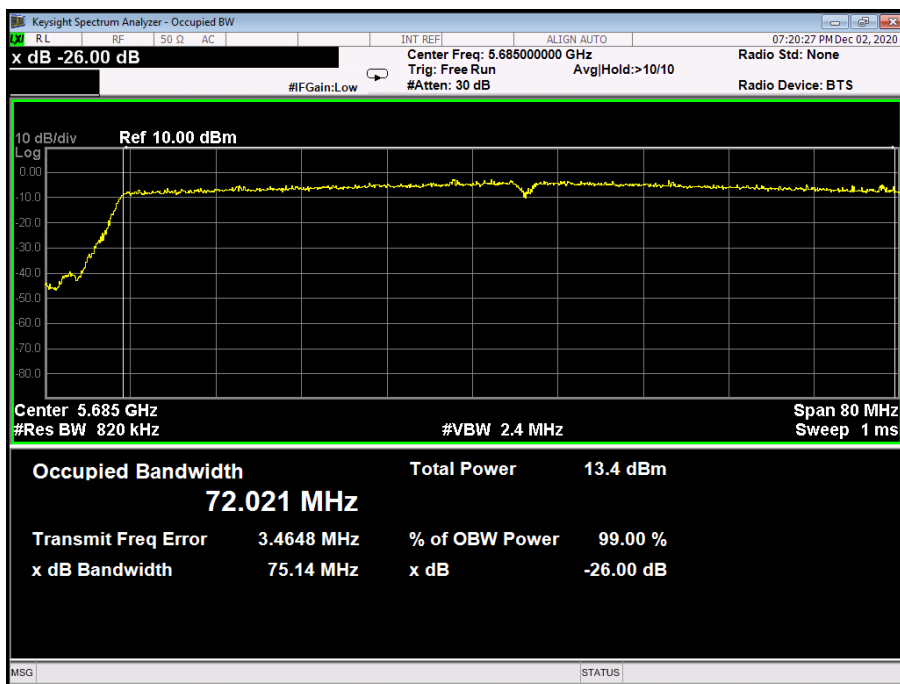
5690 MHz

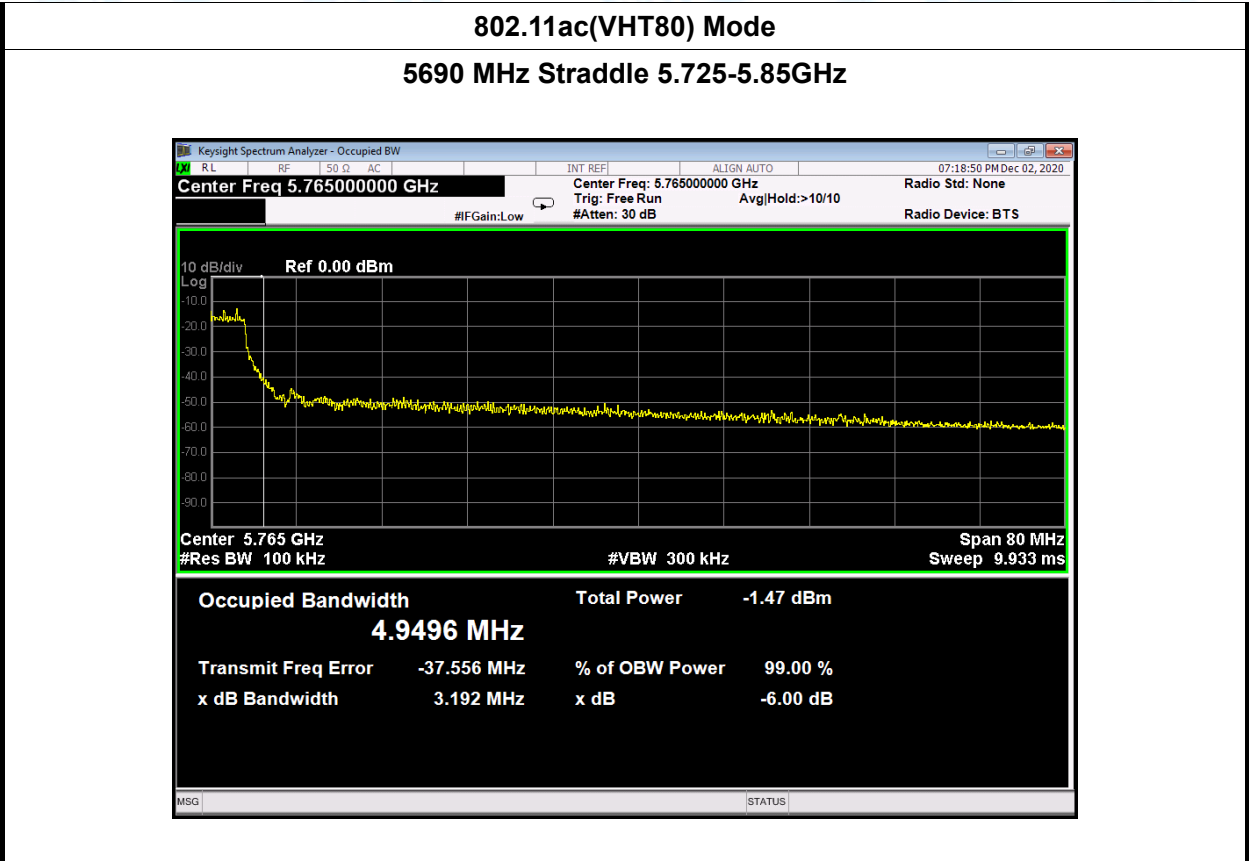


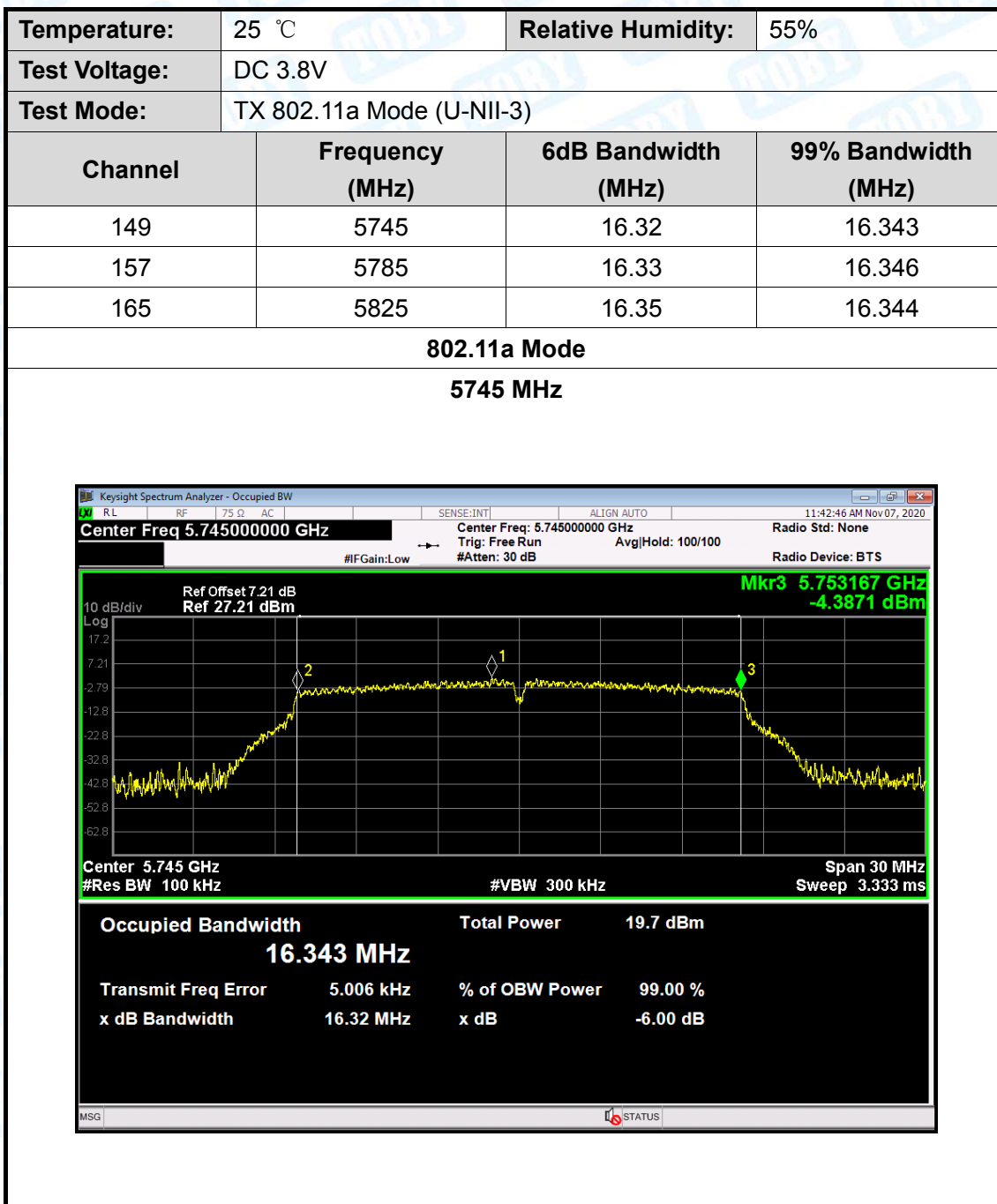
Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
Test Mode:	TX 802.11ac(HT80) Mode (U-NII-2C)			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
142	5710	75.14	----	72.021
		----	3.192	4.9496

802.11ac(VHT80) Mode

5710 MHz Straddle 5.47-5.725GHz

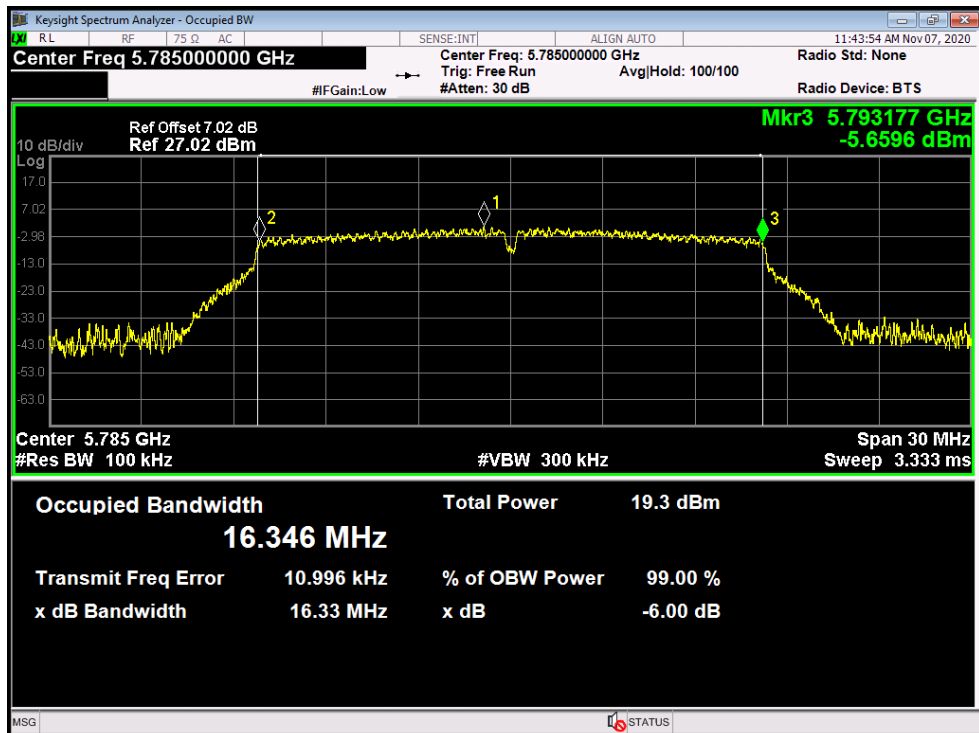






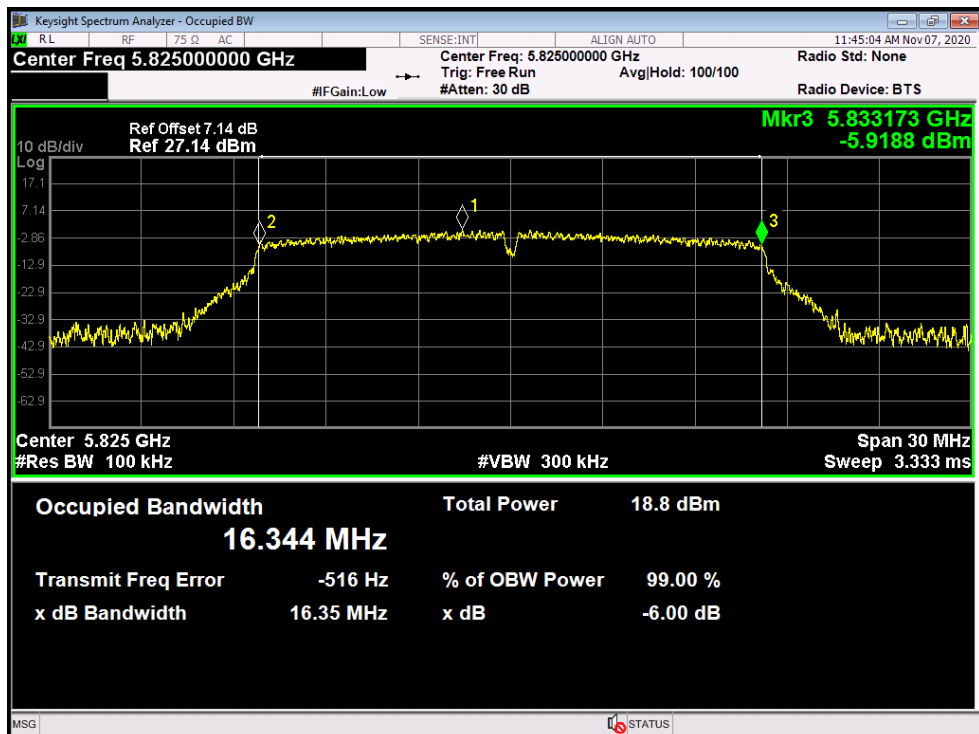
802.11a Mode

5785 MHz



802.11a Mode

5825 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11n(HT20) Mode (U-NII-3)		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.58	17.539
157	5785	17.55	17.548
165	5825	17.60	17.533

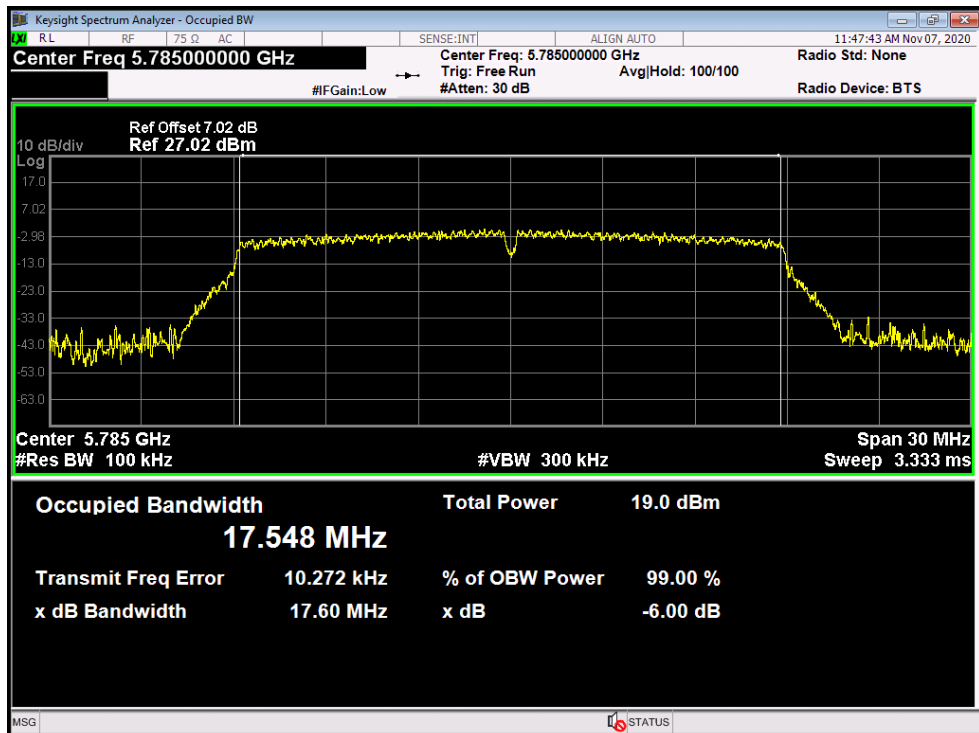
802.11n(HT20) Mode			
5745 MHz			

The screenshot displays a Keysight Spectrum Analyzer interface. The main plot shows a signal centered at 5.745 GHz with a span of 30 MHz. The signal is characterized by a flat top and sloped sides, typical of a modulated signal. Key parameters shown include: Center Freq: 5.745000000 GHz, Ref Offset: 7.21 dB, Ref: 27.21 dBm, Occupied Bandwidth: 17.539 MHz, Total Power: 19.9 dBm, and Transmit Freq Error: 9.064 kHz. The plot also shows the 99% bandwidth and the percentage of occupied bandwidth power (99.00%).

Center Freq	5.745000000 GHz	Center Freq	5.745000000 GHz	Radio Std	None
Trig	Free Run	Avg/Hold	100/100	Radio Device	BTS
#FGain	Low	#Atten	30 dB		
Ref Offset	7.21 dB	Ref	27.21 dBm		
Center	5.745 GHz	#Res BW	100 kHz	#VBW	300 kHz
Span	30 MHz	Sweep	3.333 ms		
Occupied Bandwidth	17.539 MHz	Total Power	19.9 dBm		
Transmit Freq Error	9.064 kHz	% of OBW Power	99.00 %		
x dB Bandwidth	17.58 MHz	x dB	-6.00 dB		

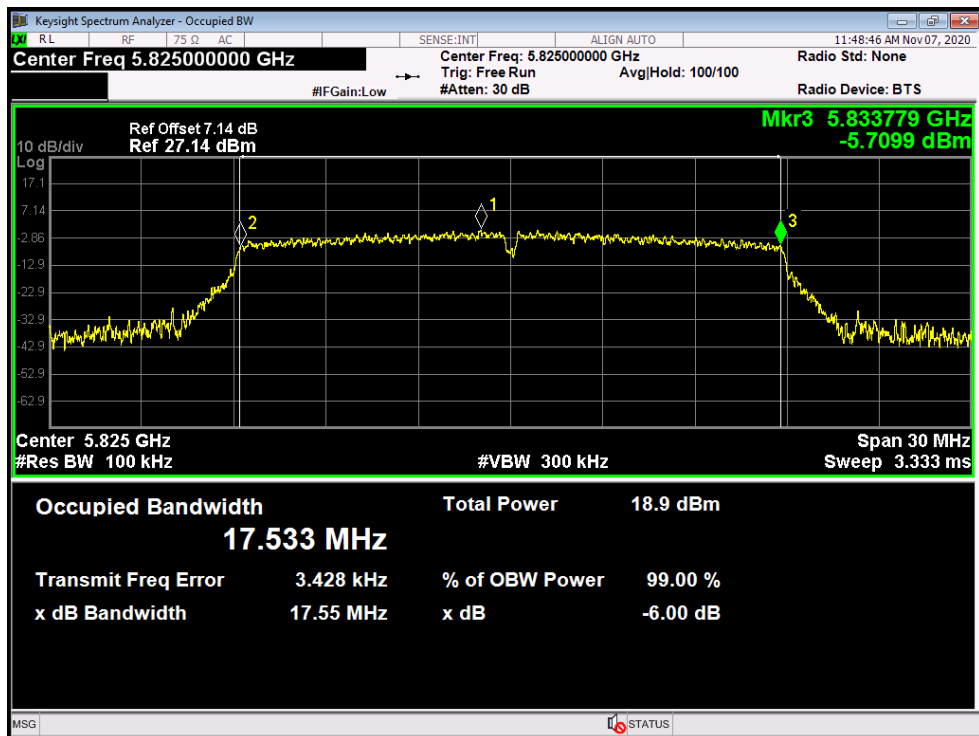
802.11n(HT20) Mode

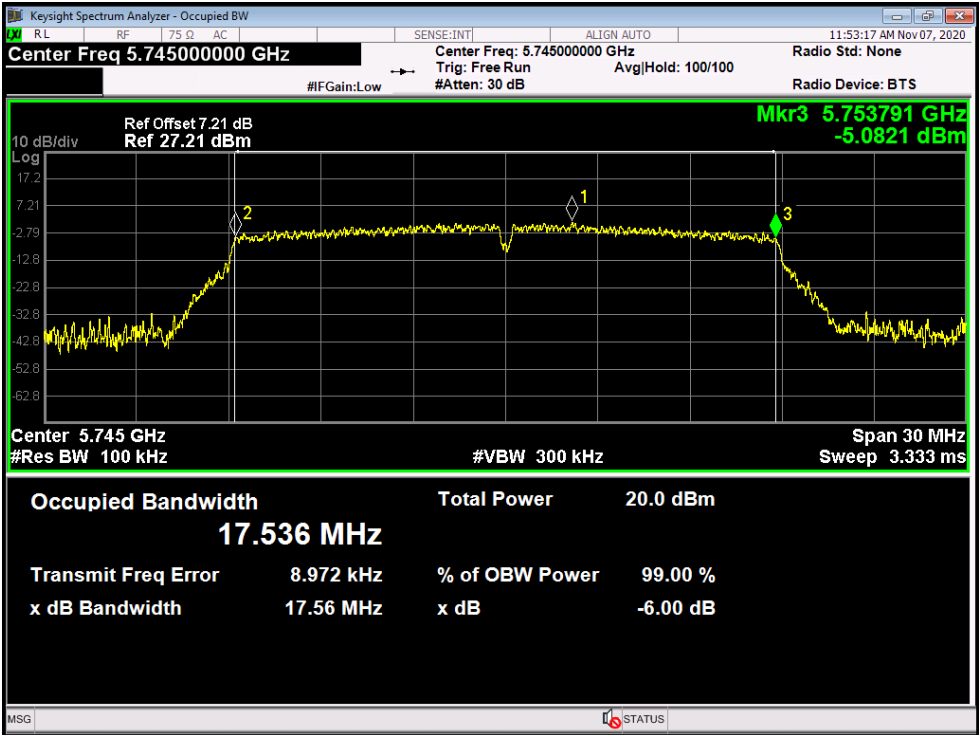
5785 MHz



802.11n(HT20) Mode

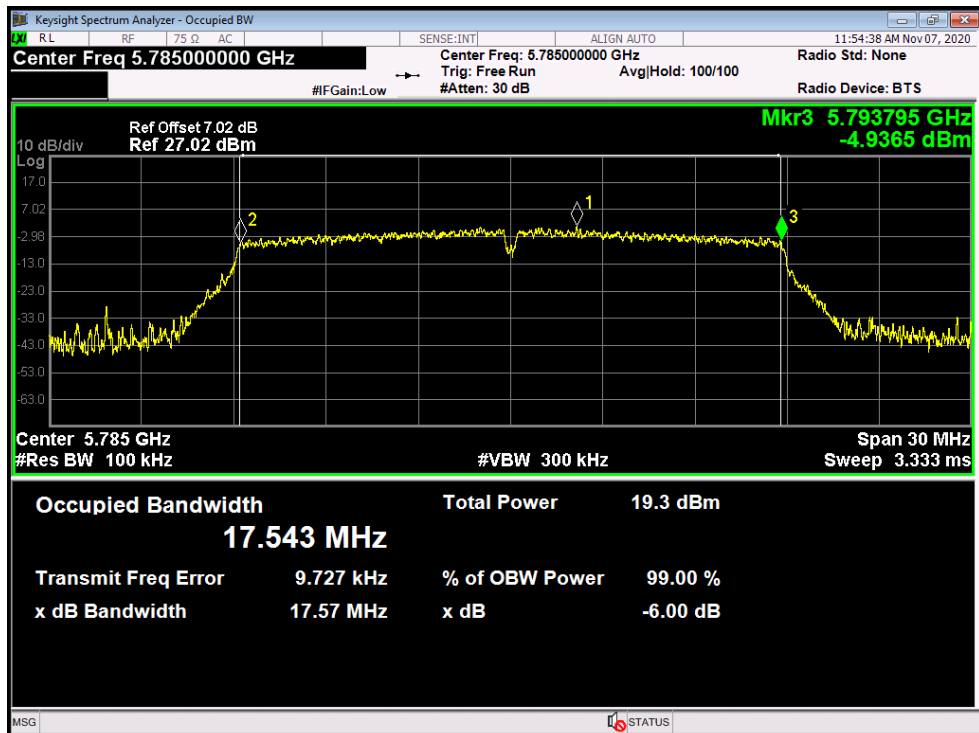
5825 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-3)		
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.56	17.536
157	5785	17.57	17.543
165	5825	17.56	17.549
802.11ac(VHT20) Mode			
5745 MHz			
 The screenshot shows a Keysight Spectrum Analyzer interface. The main display is a log-linear plot of power spectral density (PSD) in dBm/Hz versus frequency in GHz. The center frequency is 5.745 GHz. The signal is a 802.11ac VHT20 mode transmission. The occupied bandwidth is 17.536 MHz. The total power is 20.0 dBm. The transmit frequency error is 8.972 kHz. The 6 dB bandwidth is 17.56 MHz. The 99% bandwidth is 17.549 MHz. The signal is centered at 5.745 GHz. The reference offset is 7.21 dB. The reference level is 27.21 dBm. The marker 3 is at 5.753791 GHz with a level of -5.0821 dBm. The span is 30 MHz. The sweep is 3.333 ms. The resolution bandwidth is 100 kHz. The video bandwidth is 300 kHz. The sense is INT. The align is AUTO. The radio standard is None. The radio device is BTS. The trigger is Free Run. The attenuation is 30 dB. The IF gain is Low. The log scale is 10 dB/div. The frequency scale is Log. The grid lines are visible. The signal is a yellow line on a black background. The markers are numbered 1, 2, and 3. The text is white and green. The interface includes various controls and status indicators.			

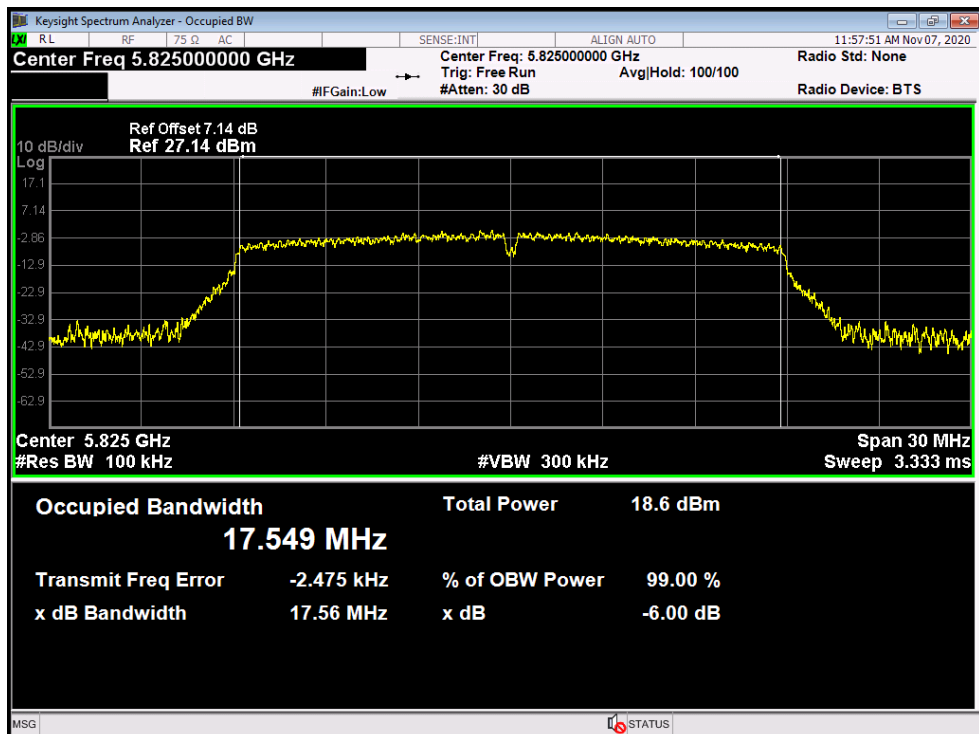
802.11ac(VHT20) Mode

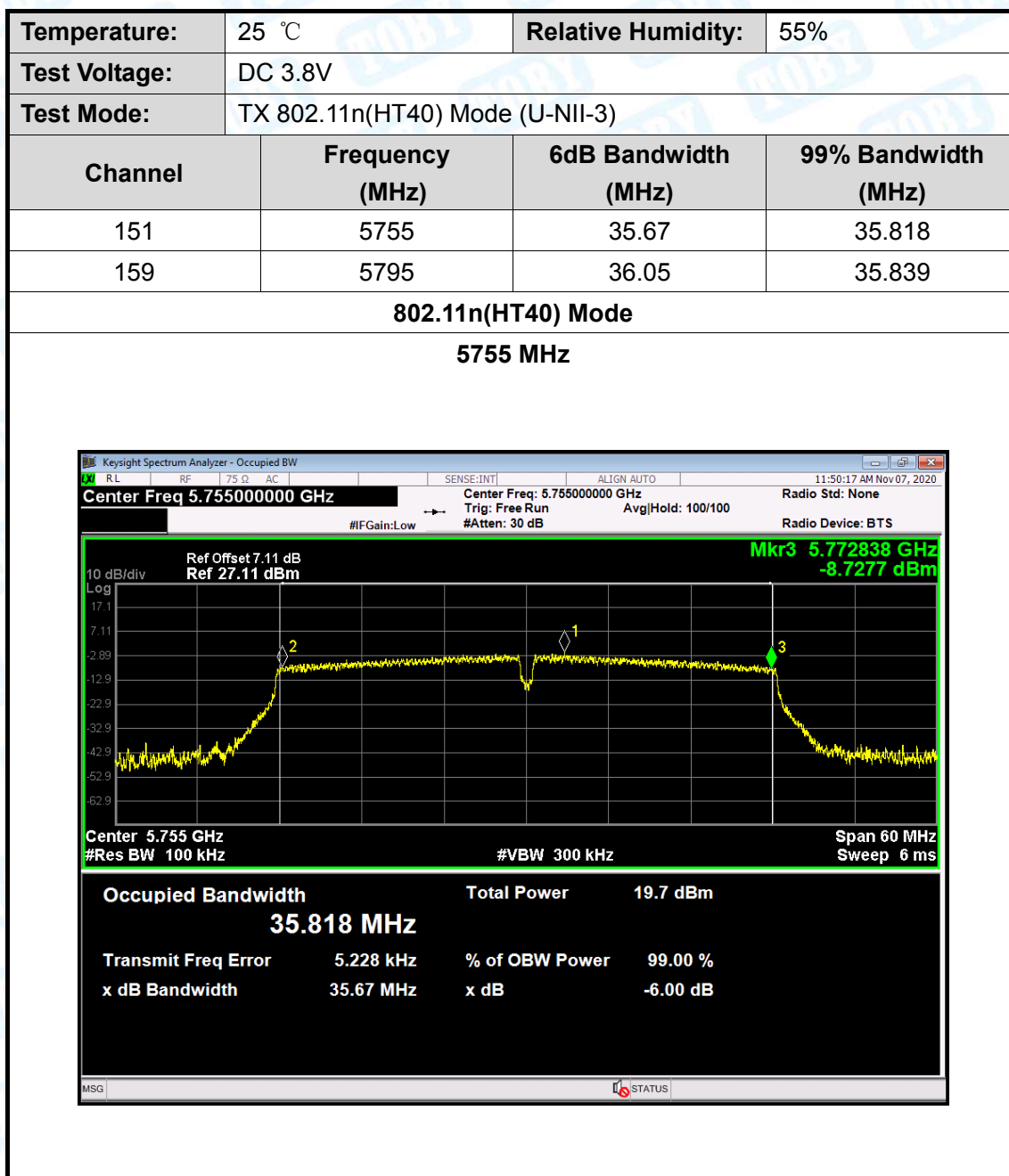
5785 MHz



802.11ac(VHT20) Mode

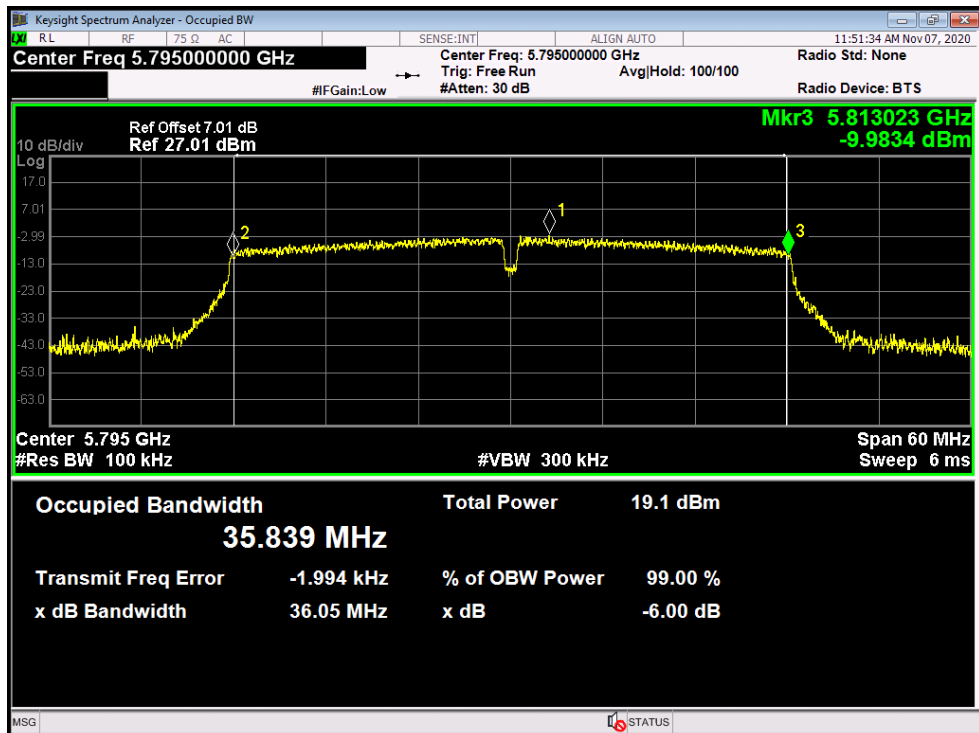
5825 MHz

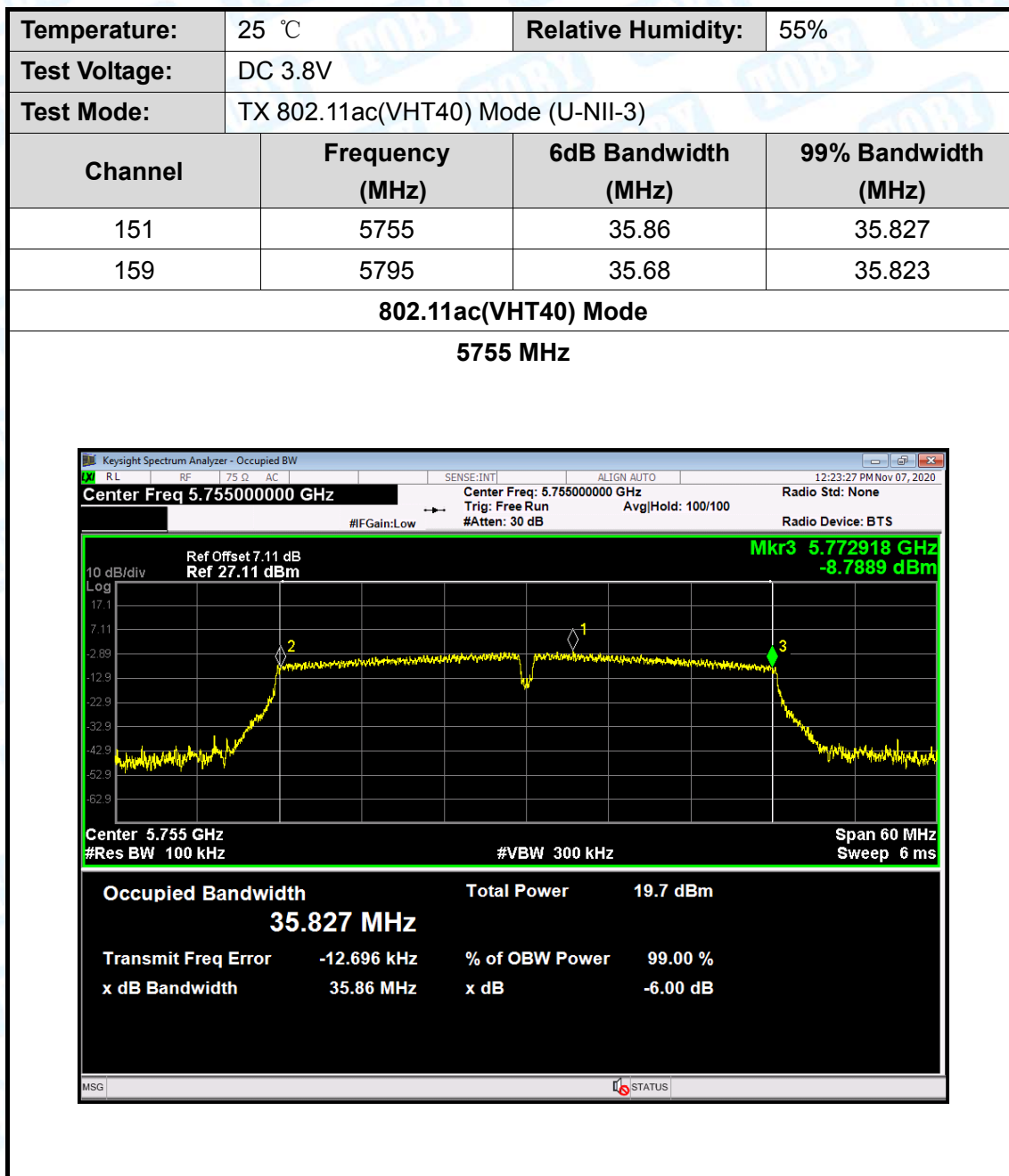




802.11n(HT40) Mode

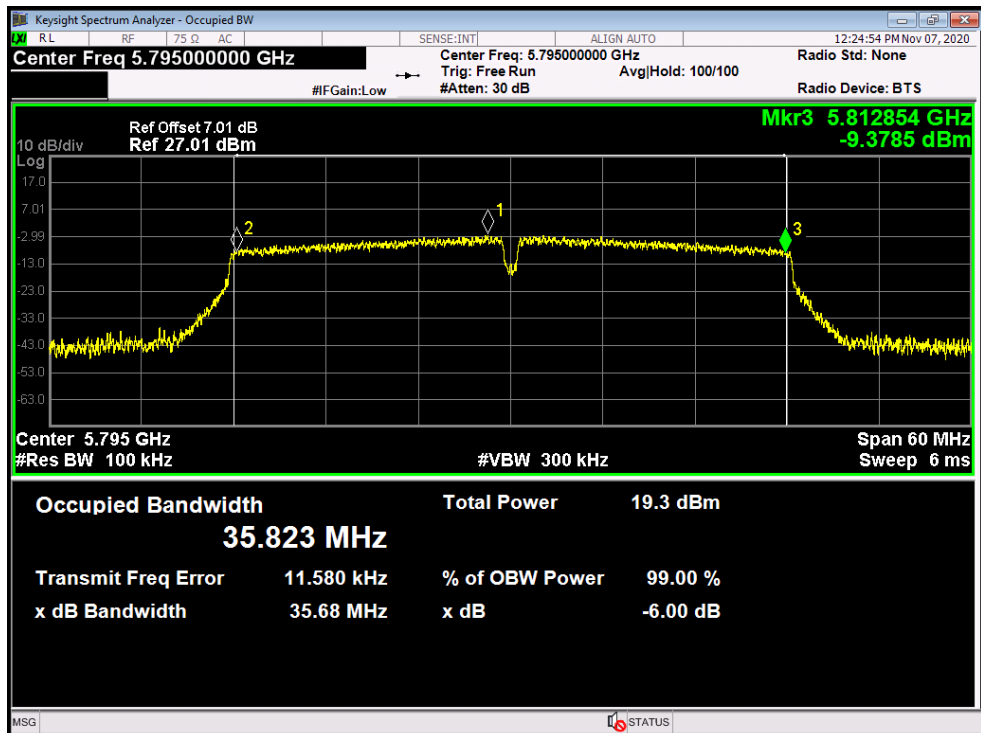
5795 MHz

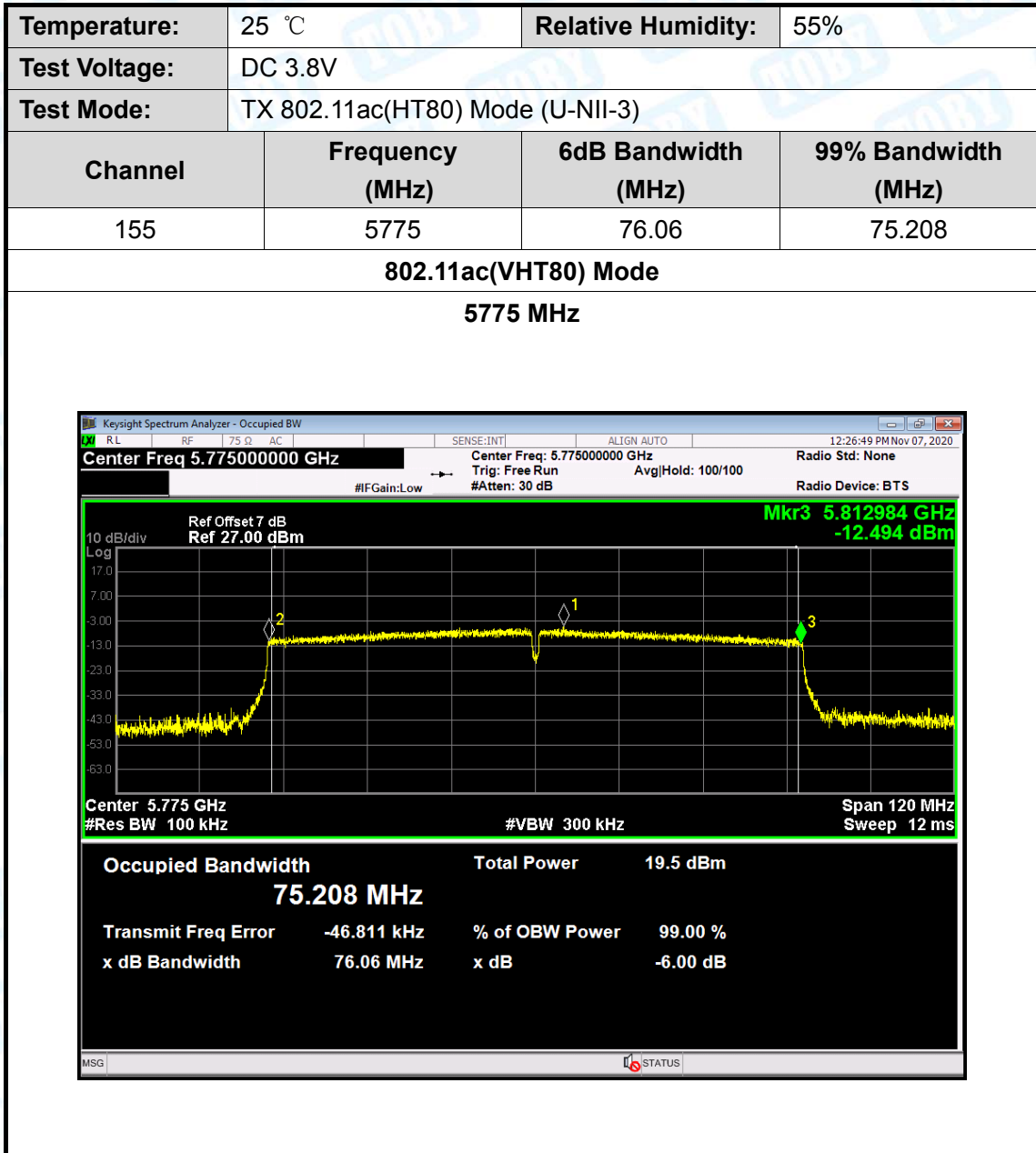




802.11ac(VHT40) Mode

5795 MHz





Attachment E--AVG Output Power Test Data

Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
U-NII-1						
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)	
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)		
802.11a	5180	10.75	0	10.75	24	
	5200	10.74	0	10.74		
	5240	10.98	0	10.98		
802.11n (HT20)	5180	9.68	0	9.68		
	5200	9.72	0	9.72		
	5240	9.81	0	9.81		
802.11ac (VHT20)	5180	9.87	0	9.87		
	5200	9.69	0	9.69		
	5240	9.79	0	9.79		
802.11n (HT40)	5190	9.74	0	9.74		
	5230	9.95	0	9.95		
802.11ac(VHT40)	5190	9.70	0	9.70		
	5230	9.88	0	9.88		
802.11ac(VHT80)	5210	9.63	0	9.63		
Result: PASS						
Remark: the Directional Gain=0.42dBi<6 dBi. So P _{out} =P _{limit} =24dBm						

Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
U-NII-2A						
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)	
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)		
802.11a	5260	10.95	0	10.95	24	
	5280	11.07	0	11.07		
	5320	9.49	0	9.49		
802.11n (HT20)	5260	9.76	0	9.76		
	5280	9.70	0	9.70		
	5320	9.91	0	9.91		
802.11ac (VHT20)	5260	9.89	0	9.89		
	5280	9.82	0	9.82		
	5320	9.96	0	9.96		
802.11n (HT40)	5270	9.98	0	9.98		
	5310	10.01	0	10.01		
802.11 ac(VHT40)	5270	9.87	0	9.87		
	5310	9.98	0	9.98		
802.11 ac(VHT80)	5290	9.83	0	9.83		
Result: PASS						
Remark: the Directional Gain=0.42dBi<6 dBi. So P _{out} =P _{limit} =24dBm						

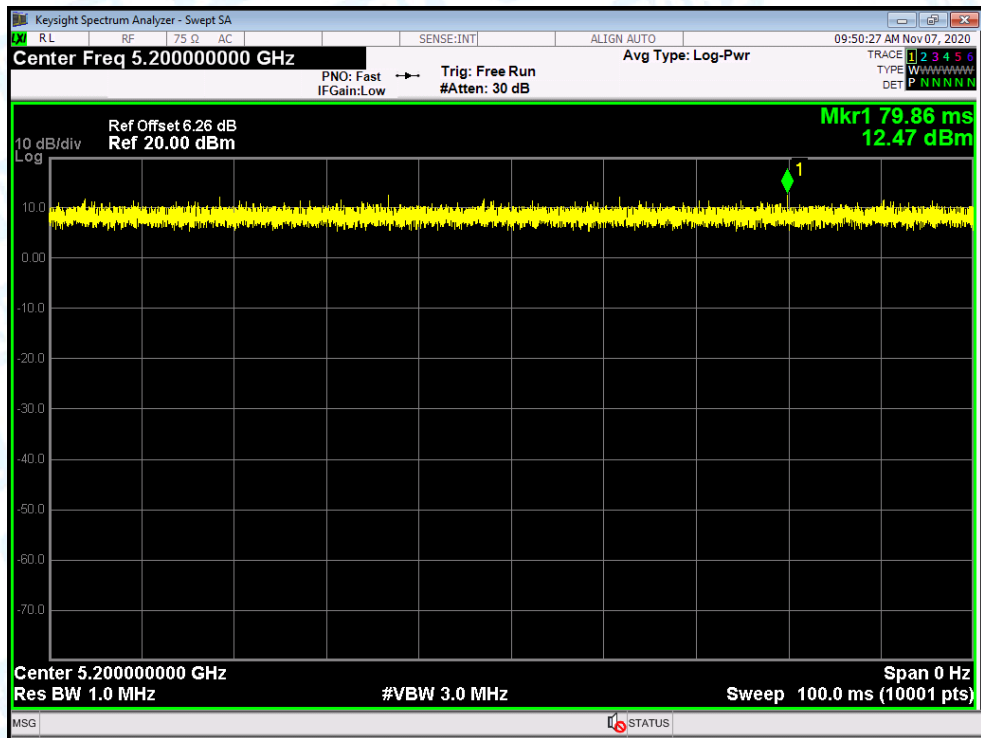
Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
U-NII-2C						
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)	
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)		
802.11a	5500	8.97	0	8.97	24	
	5600	9.36	0	9.36		
	5720	9.79	0	9.79		
802.11n (HT20)	5500	8.84	0	8.84		
	5600	7.98	0	7.98		
	5720	9.55	0	9.55		
802.11ac (VHT20)	5500	7.77	0	7.77		
	5600	8.21	0	8.21		
	5720	9.54	0	9.54		
802.11n (HT40)	5510	7.90	0	7.90		
	5590	8.36	0	8.36		
	5710	8.29	0	8.29		
802.11 ac(VHT40)	5510	7.96	0	7.96		
	5590	8.33	0	8.33		
	5710	9.05	0	9.05		
802.11 ac(VHT80)	5530	7.95	0	7.95		
	5610	8.34	0	8.34		
	5690	9.51	0	9.51		
Result: PASS						
Remark: the Directional Gain=0.42dBi<6 dBi. So P _{out} =P _{limit} =24dBm						

Temperature:	25 °C	Relative Humidity:	55%		
Test Voltage:	DC 3.8V				
U-NII-2C					
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	
802.11a 5720MHz Straddle 5.47-5.725GHz		6.85	0	6.85	24
802.11a 5720MHz Straddle 5.725-5.85GHz		3.56	0	3.56	30
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz		6.78	0	6.78	24
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz		3.46	0	3.46	30
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz		6.98	0	6.98	24
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz		3.43	0	3.43	30
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz		6.23	0	6.23	24
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz		2.14	0	2.14	30
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz		6.08	0	6.08	24
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz		2.06	0	2.06	30
802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz		5.98	0	5.98	24
802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz		1.03	0	1.03	30
Result: PASS					
Remark: the Directional Gain=0.42dBi<6 dBi. So P _{out} =P _{limit}					

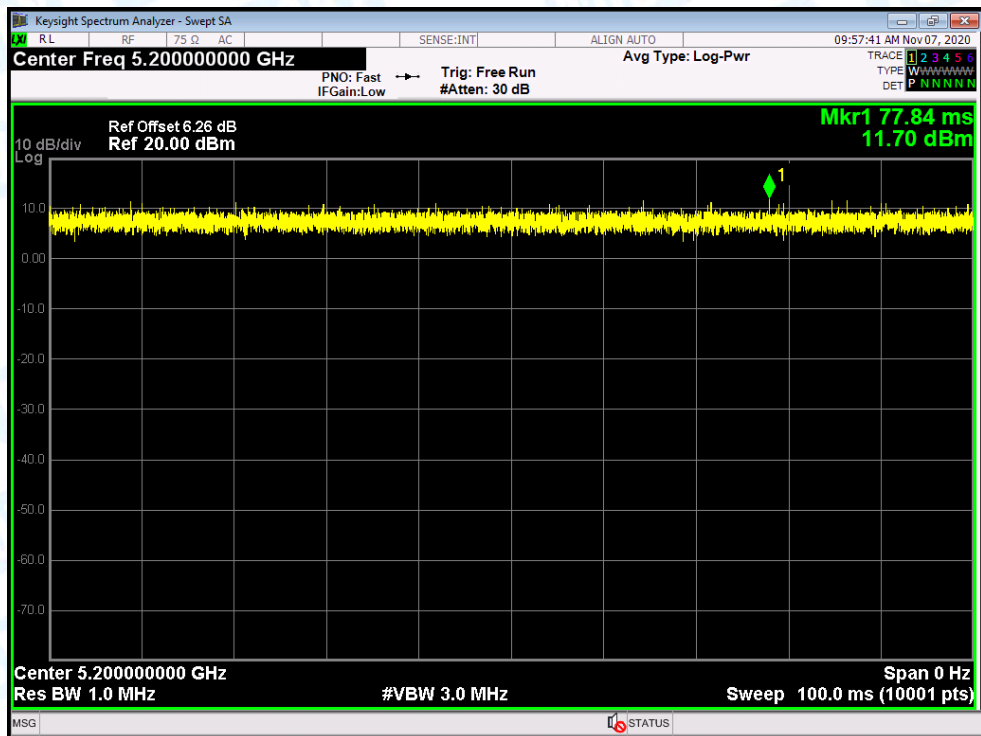
Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
U-NII-3						
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)	
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)		
802.11a	5745	10.76	0	10.76	24	
	5785	9.96	0	9.96		
	5825	9.60	0	9.60		
802.11n (HT20)	5745	10.67	0	10.67		
	5785	9.80	0	9.80		
	5825	9.48	0	9.48		
802.11ac (VHT20)	5745	10.70	0	10.70		
	5785	9.81	0	9.81		
	5825	9.51	0	9.51		
802.11n (HT40)	5755	10.63	0	10.63		
	5795	9.95	0	9.95		
802.11ac(VHT40)	5755	10.60	0	10.60		
	5795	9.94	0	9.94		
802.11ac(VHT80)	5775	10.06	0	10.06		
Result: PASS						
Remark: the Directional Gain=0.42dBi<6 dBi. So P _{out} =P _{limit} =24dBm						

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-2A	802.11 a	
	802.11 n(HT20)	
	802.11 ac(VHT20)	
	802.11 n(HT40)	
	802.11 ac(VHT40)	
	802.11 ac(VHT80)	
U-NII-2C	802.11 a	
	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.		

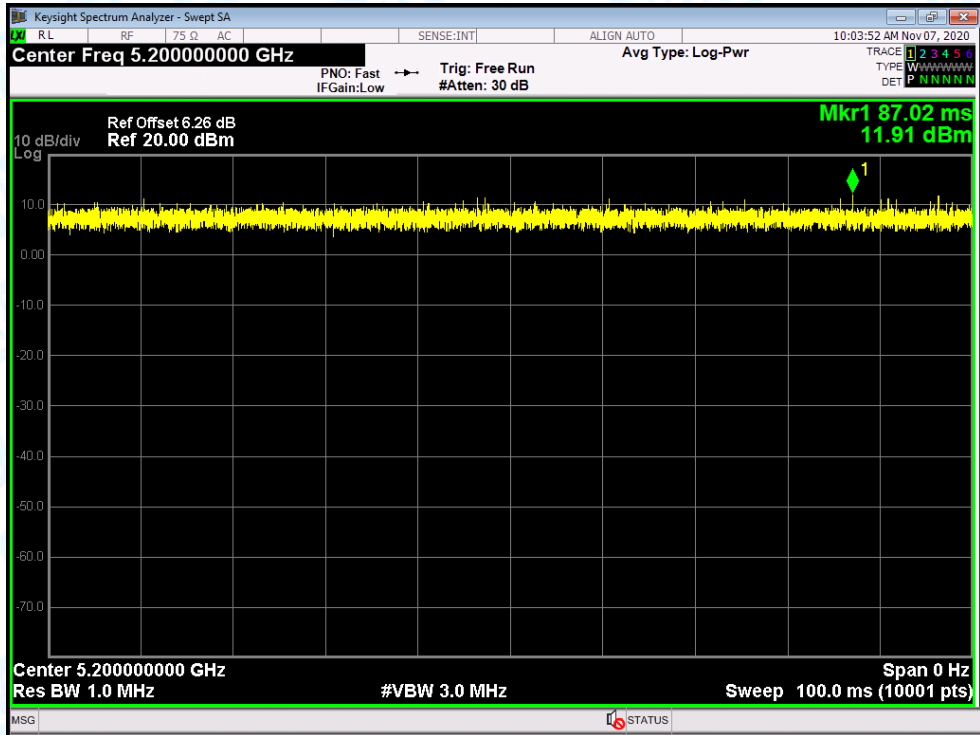
802.11 a 5200MHz U-NII-1



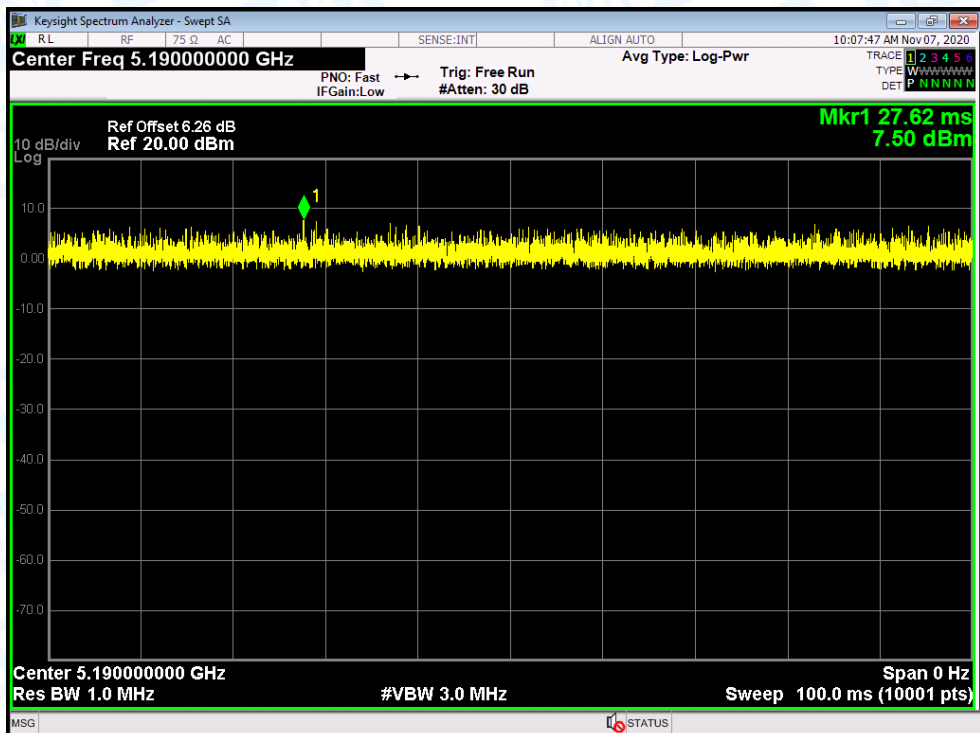
802.11 n(HT20) 5200MHz U-NII-1

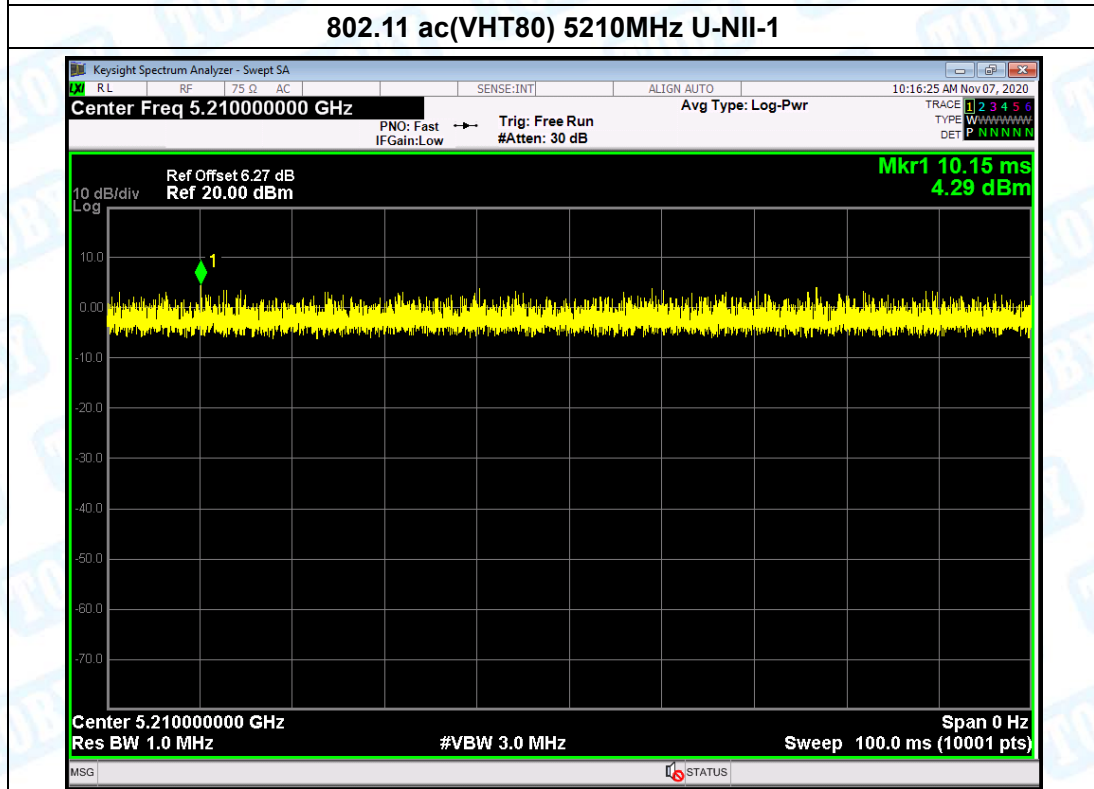
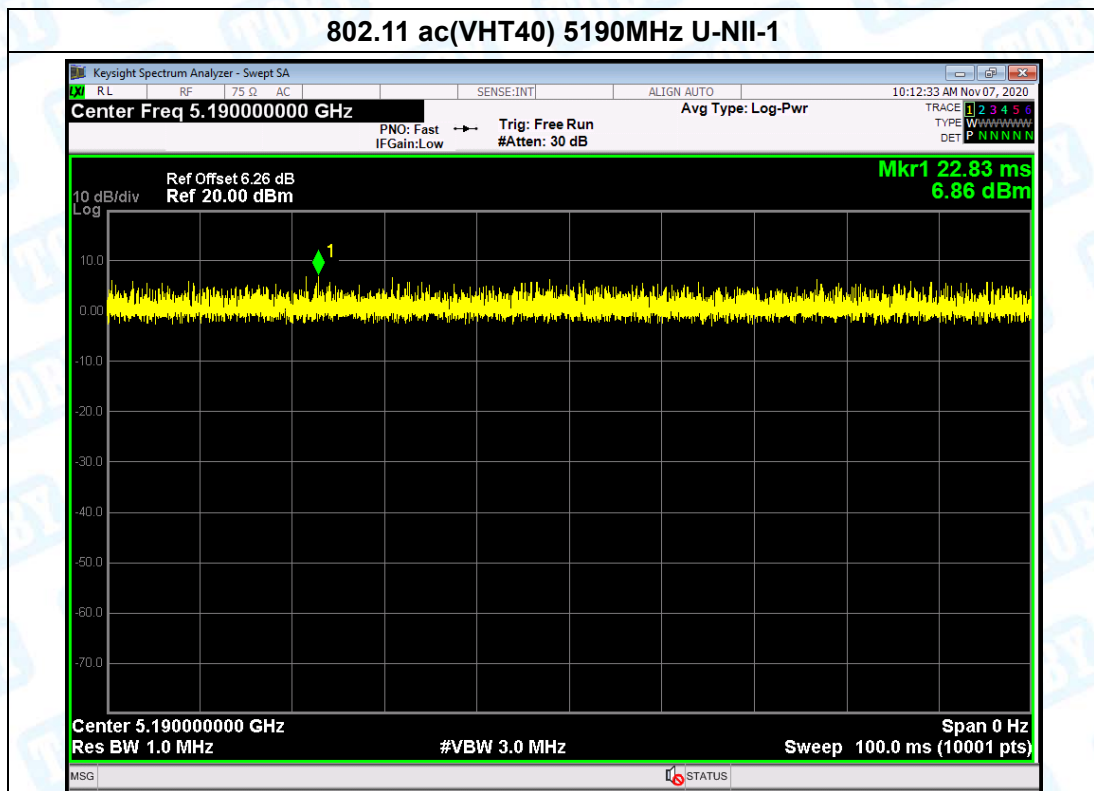


802.11 ac(VHT20) 5200MHz U-NII-1

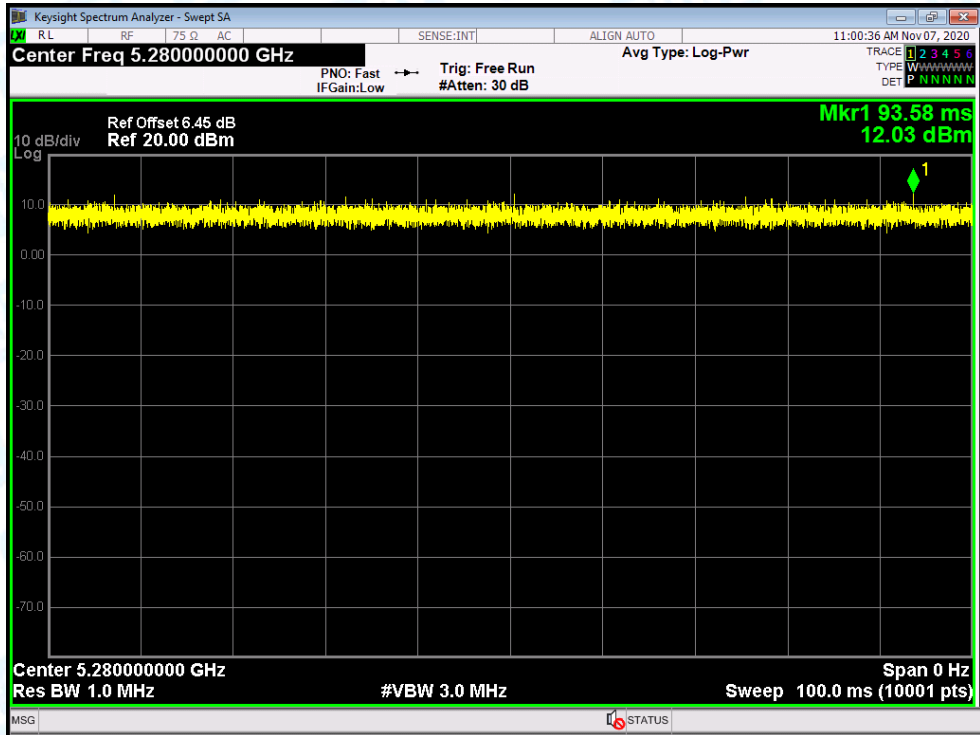


802.11 n(HT40) 5190MHz U-NII-1

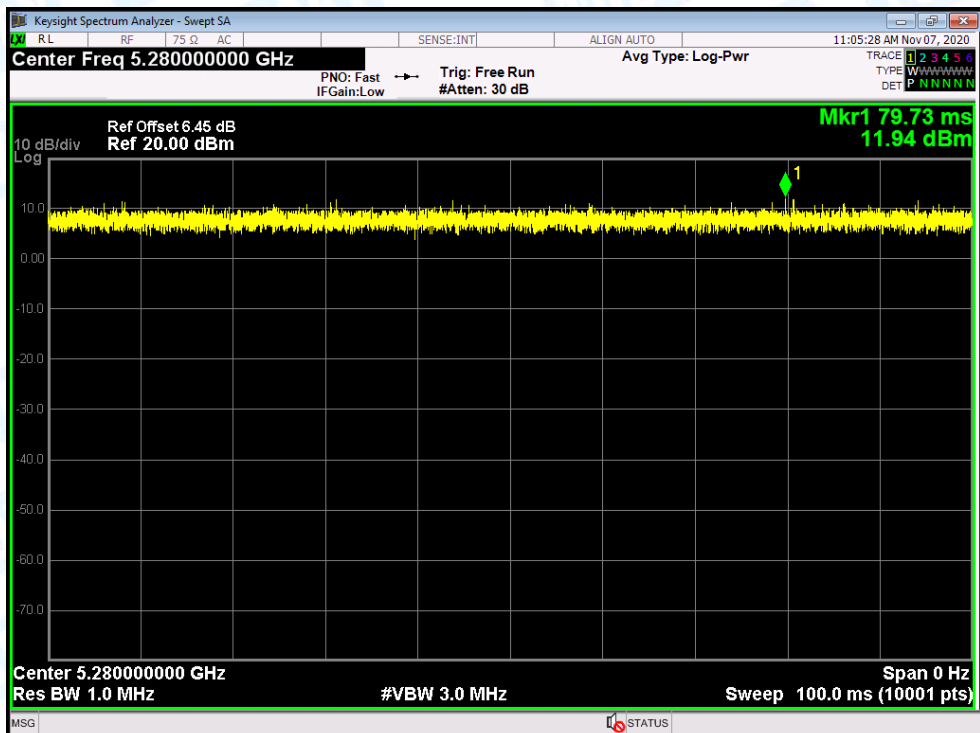




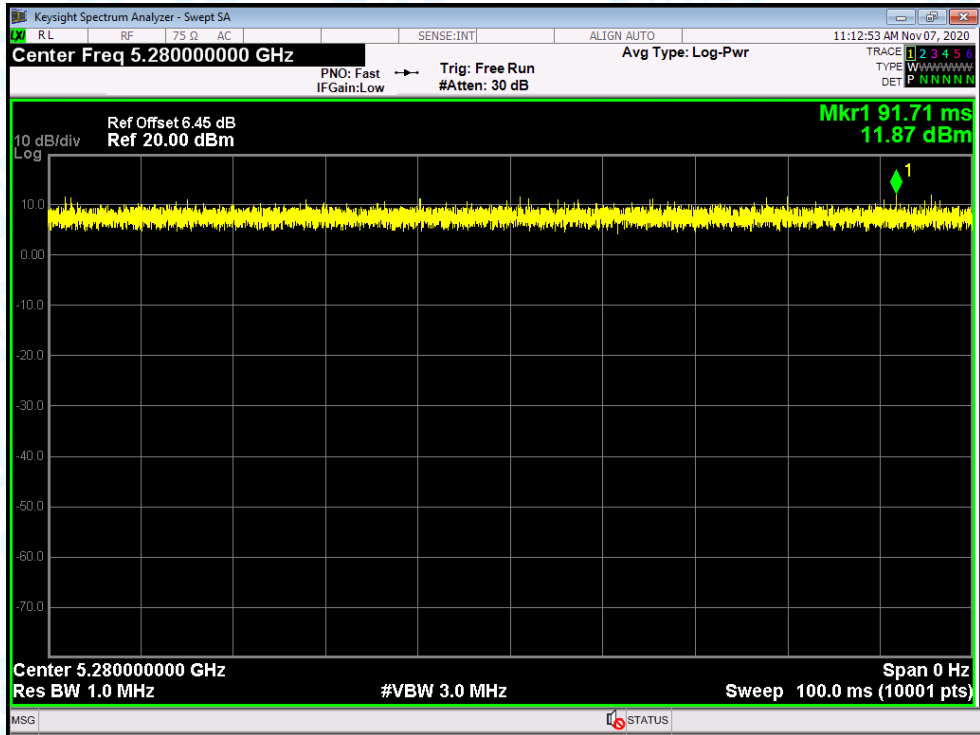
802.11 a 5280MHz U-NII-2A



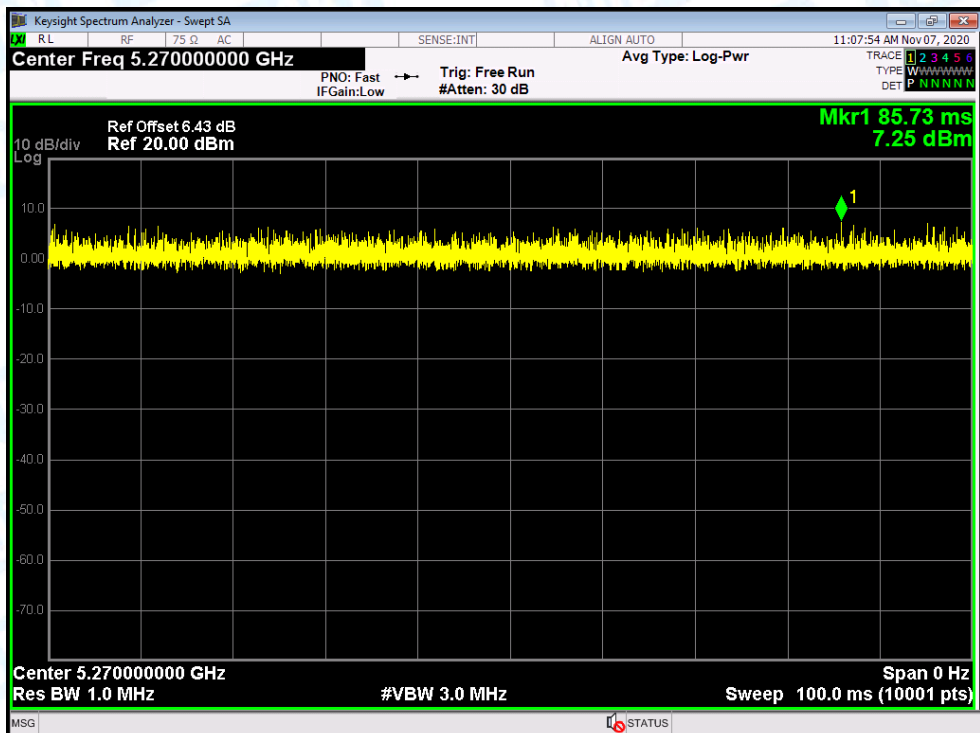
802.11 n(HT20) 5280MHz U-NII-2A



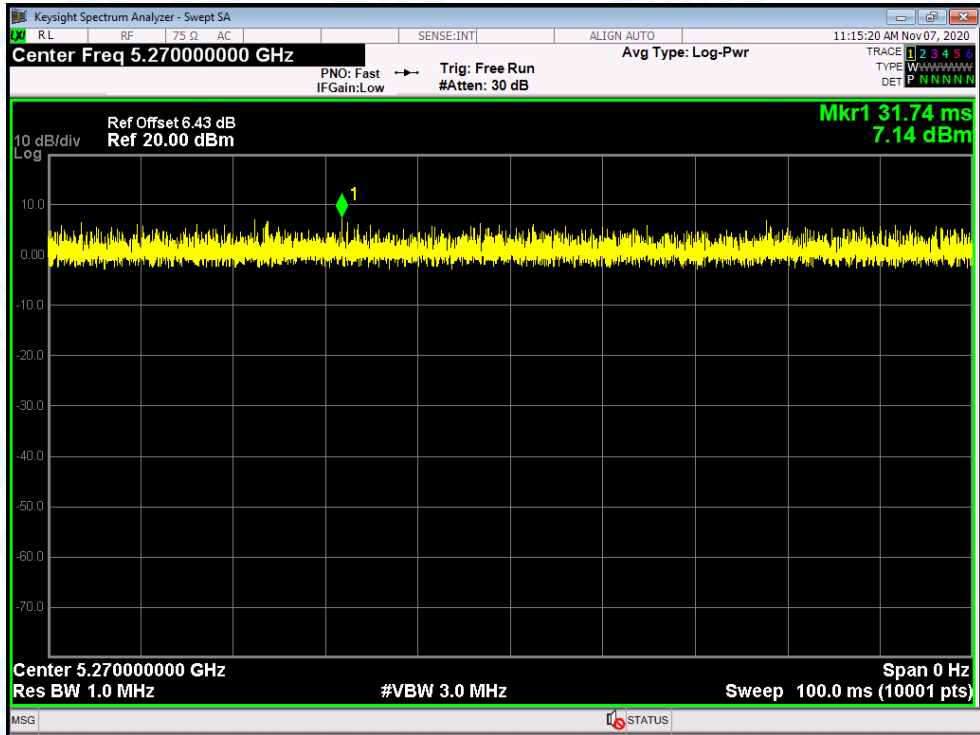
802.11 ac(VHT20) 5280MHz U-NII-2A



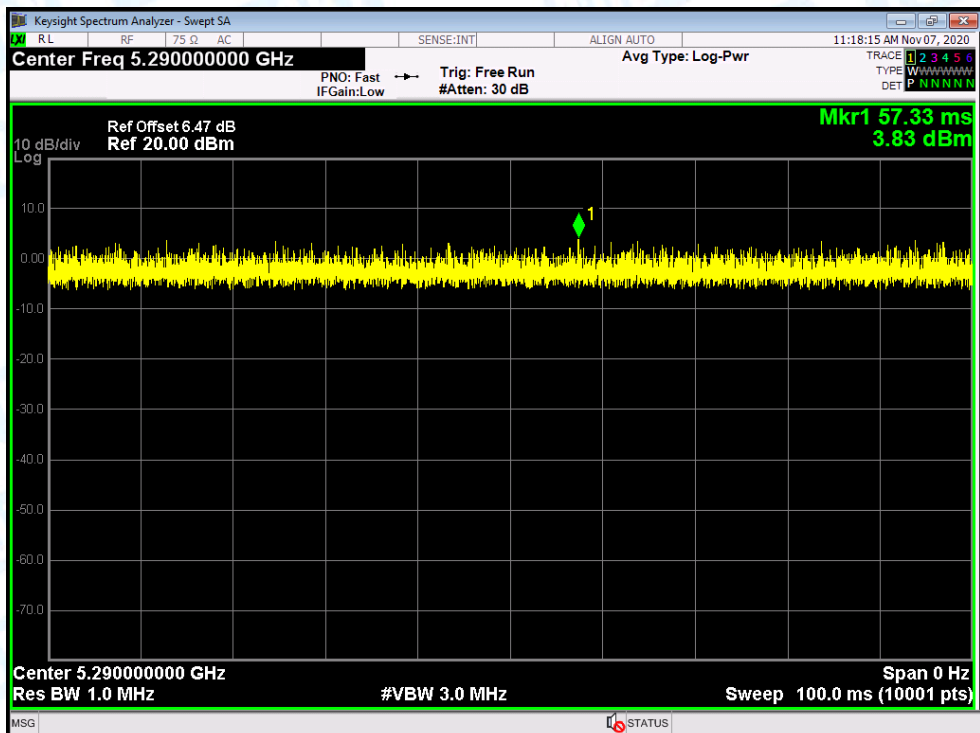
802.11 n(HT40) 5270MHz U-NII-2A



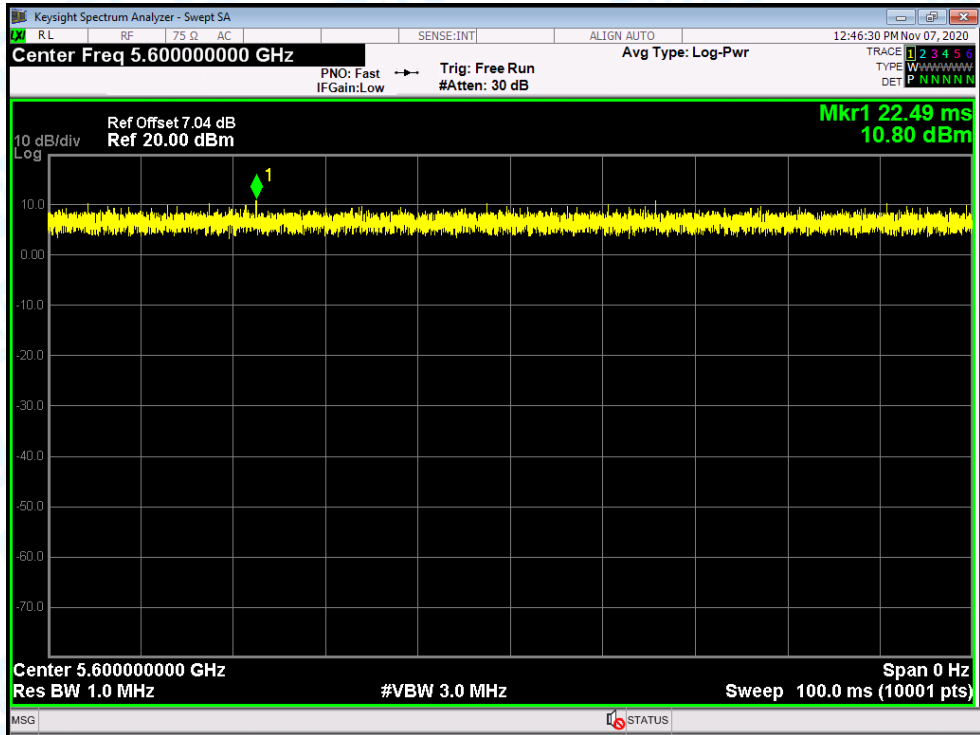
802.11 ac(VHT40) 5270MHz U-NII-2A



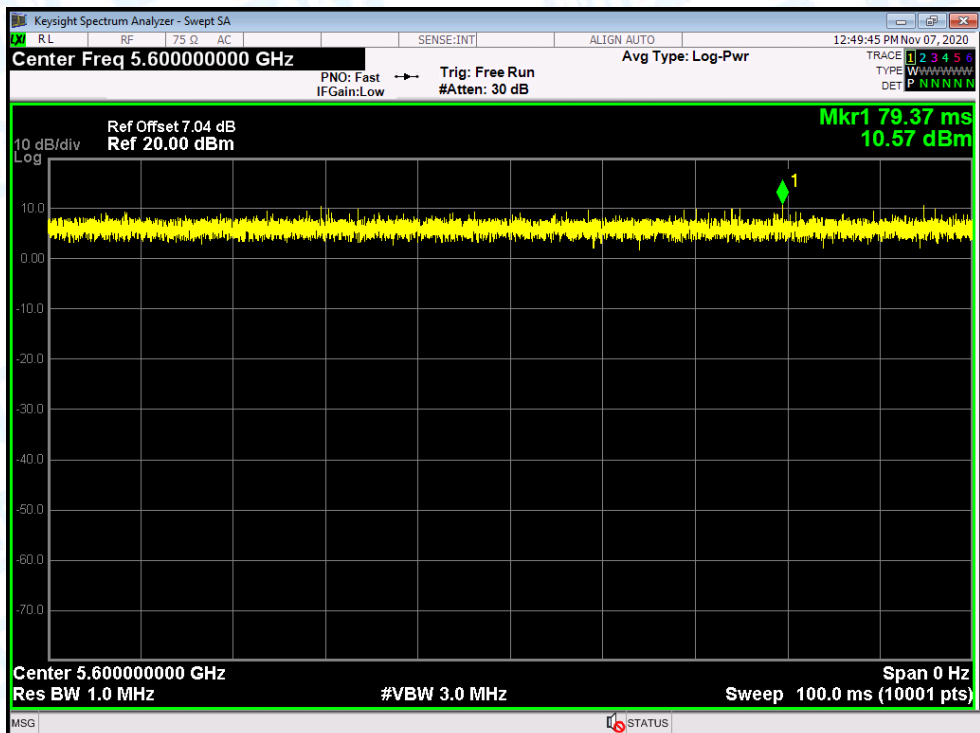
802.11 ac(VHT80) 5290MHz U-NII-2A



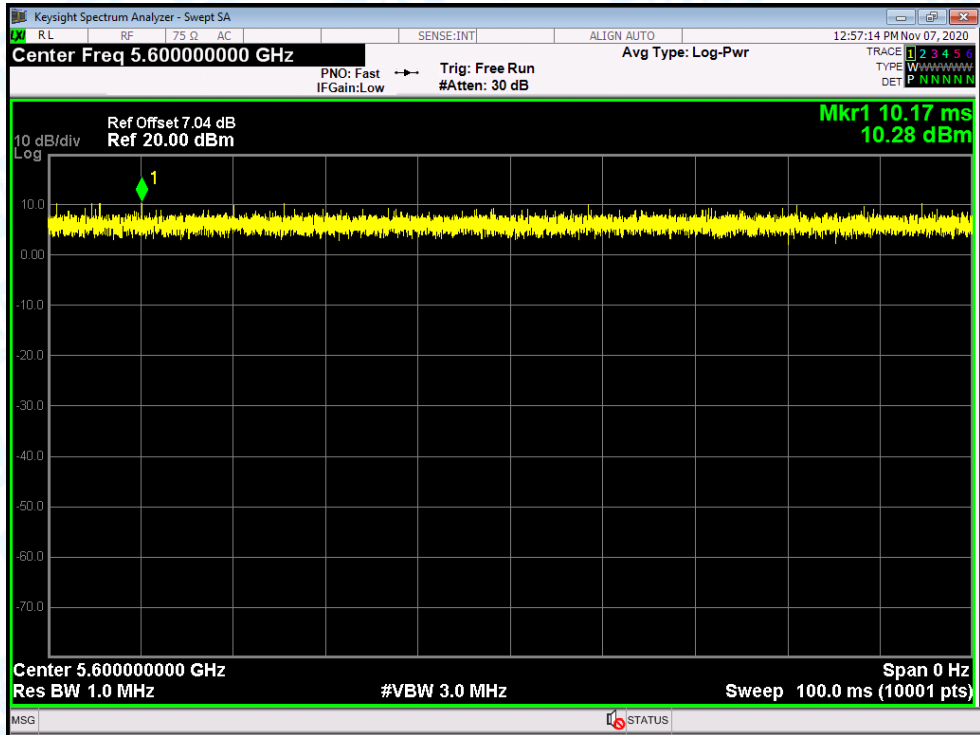
802.11 a 5600MHz U-NII-2C



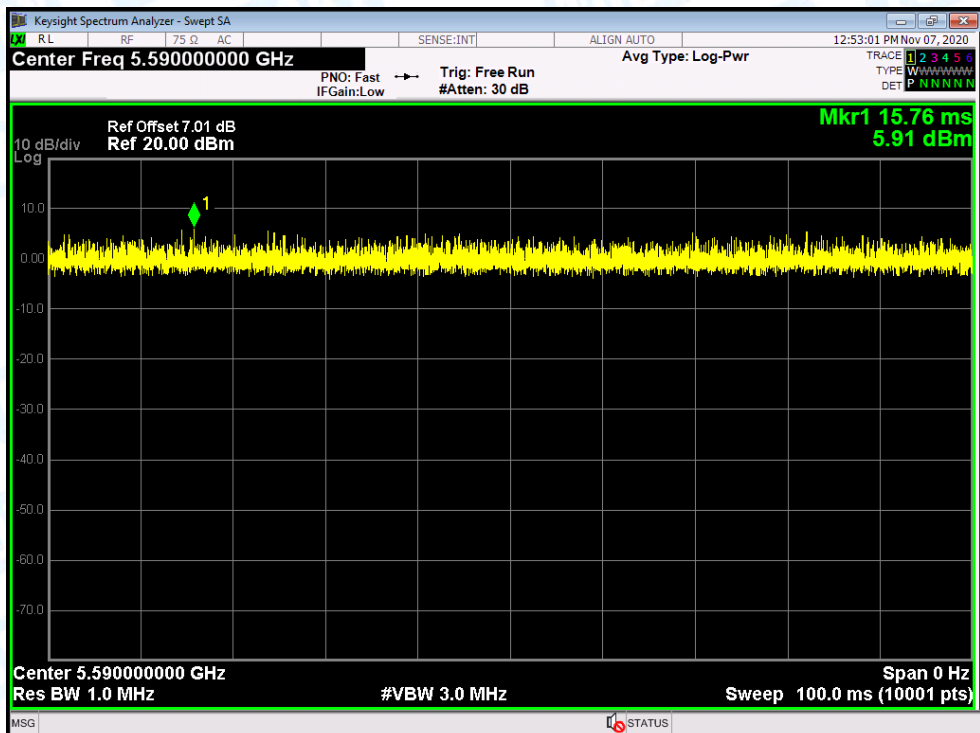
802.11 n(HT20) 5600MHz U-NII-2C



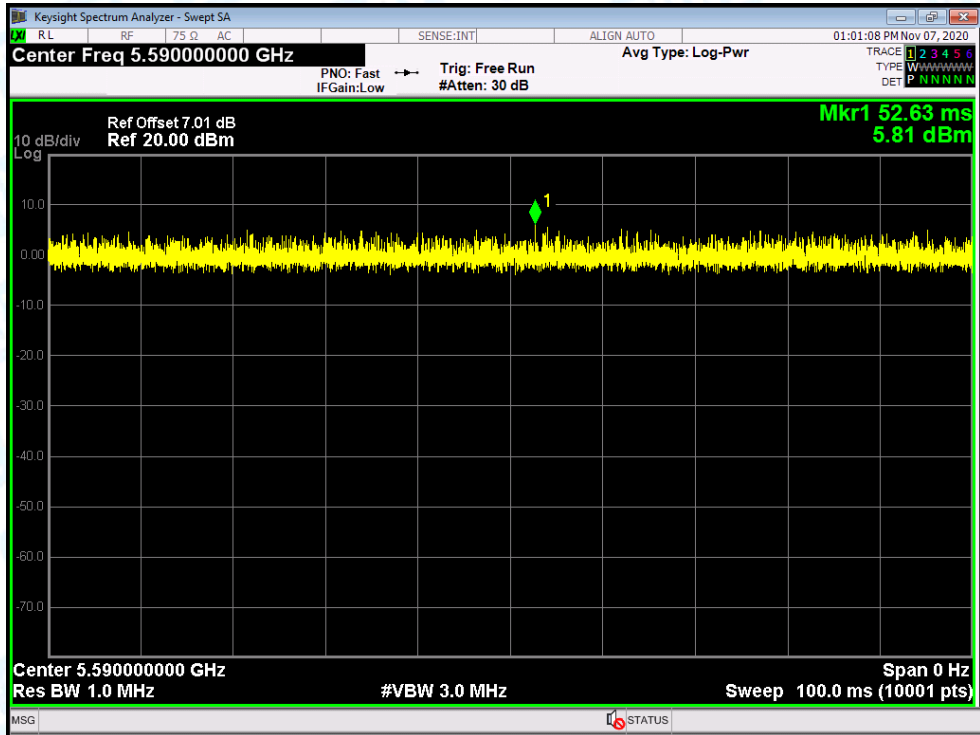
802.11 ac(VHT20) 5600MHz U-NII-2C



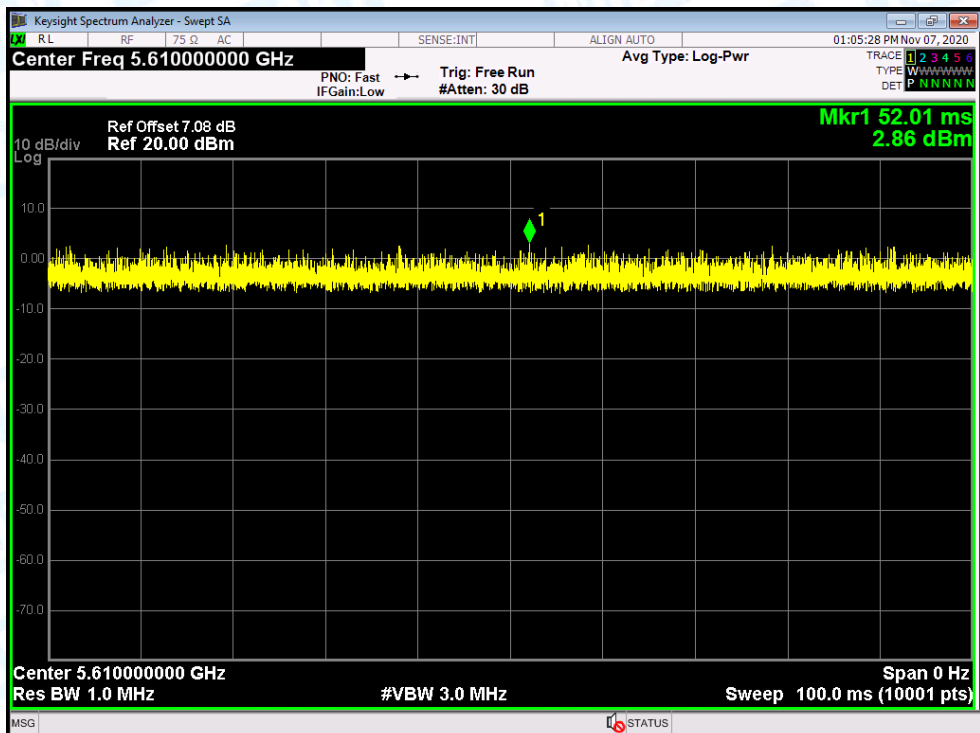
802.11 n(HT40) 5590MHz U-NII-2C



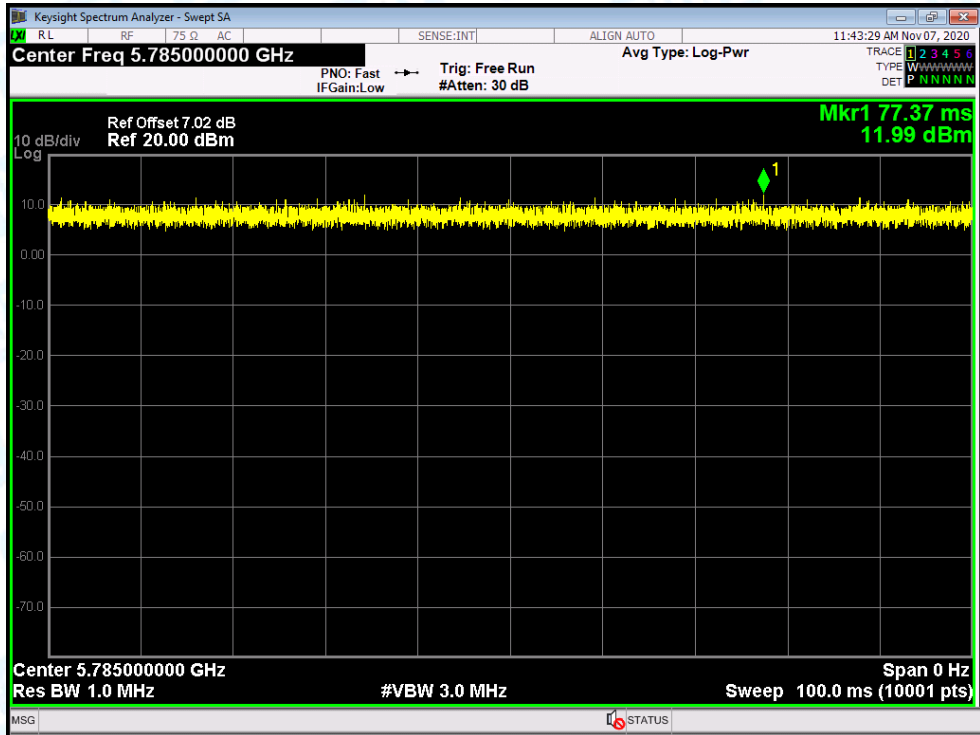
802.11 ac(VHT40) 5590MHz U-NII-2C



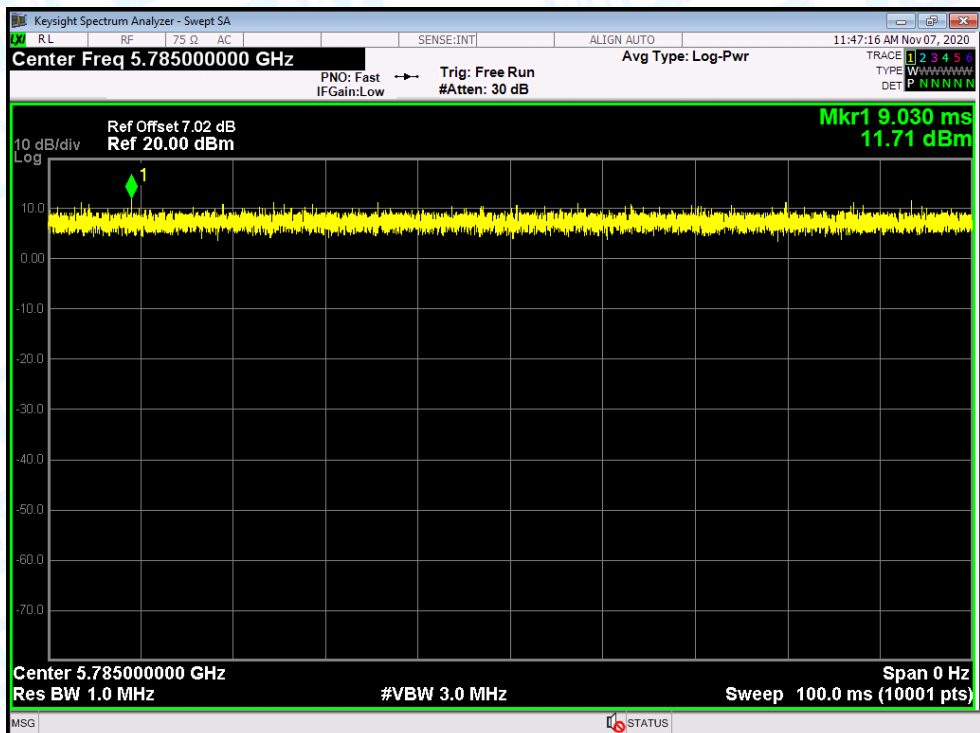
802.11 ac(HT80) 5610MHz U-NII-2C



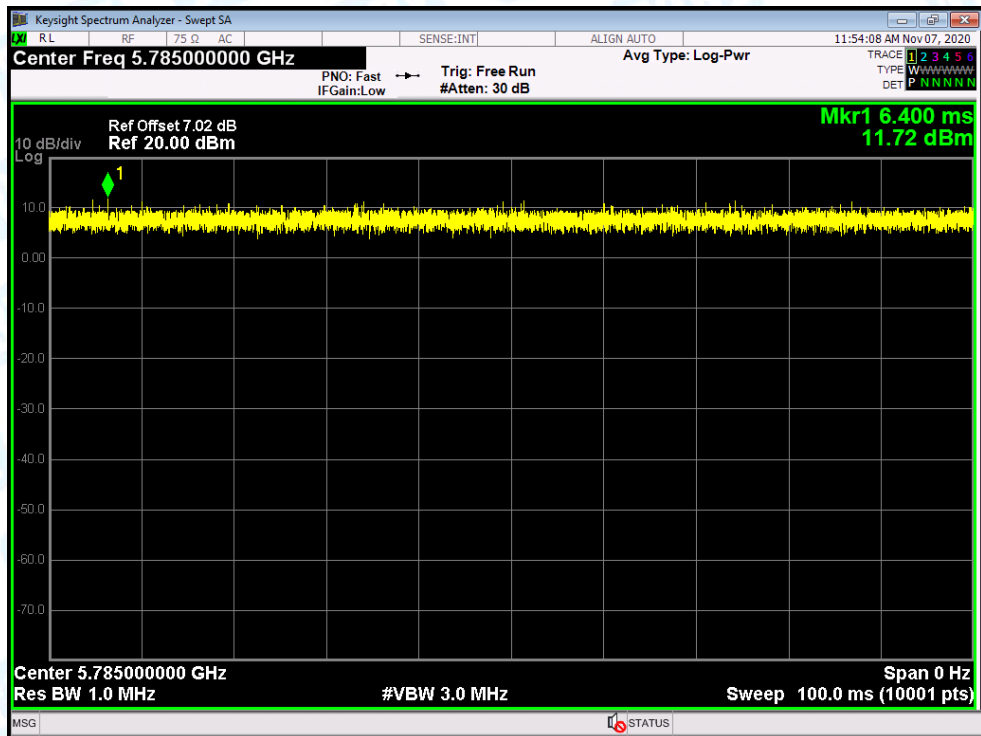
802.11 a 5785MHz U-NII-3



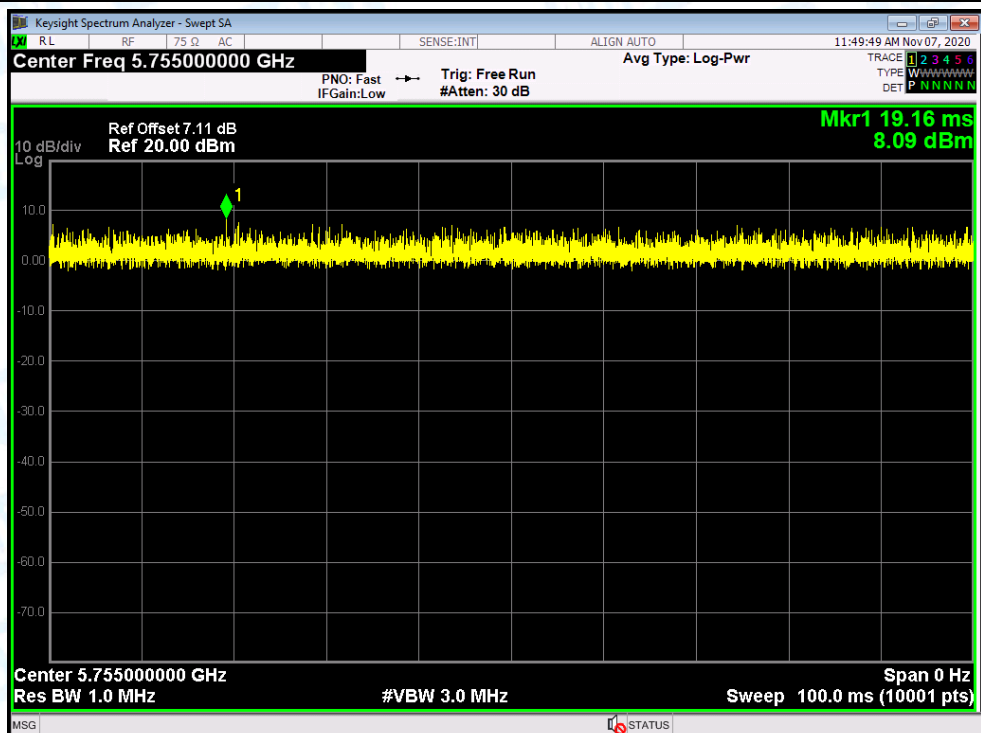
802.11 n(HT20) 5785MHz U-NII-3

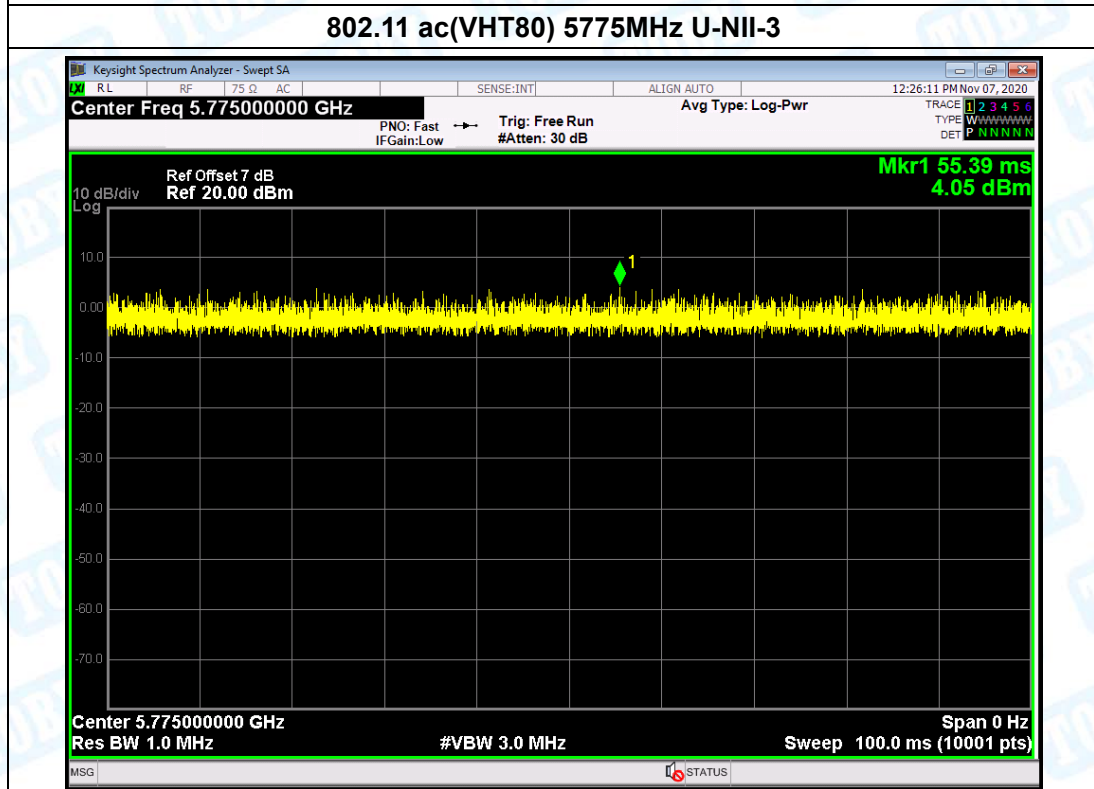
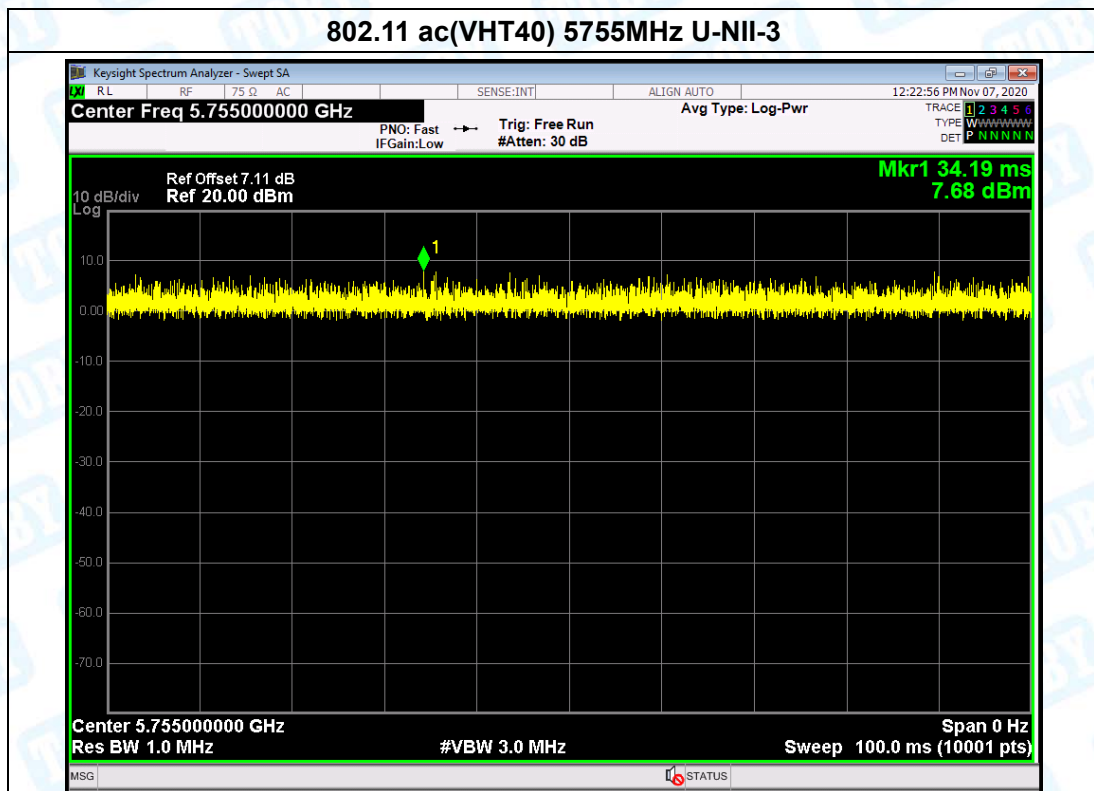


802.11 ac(VHT20) 5785MHz U-NII-3



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

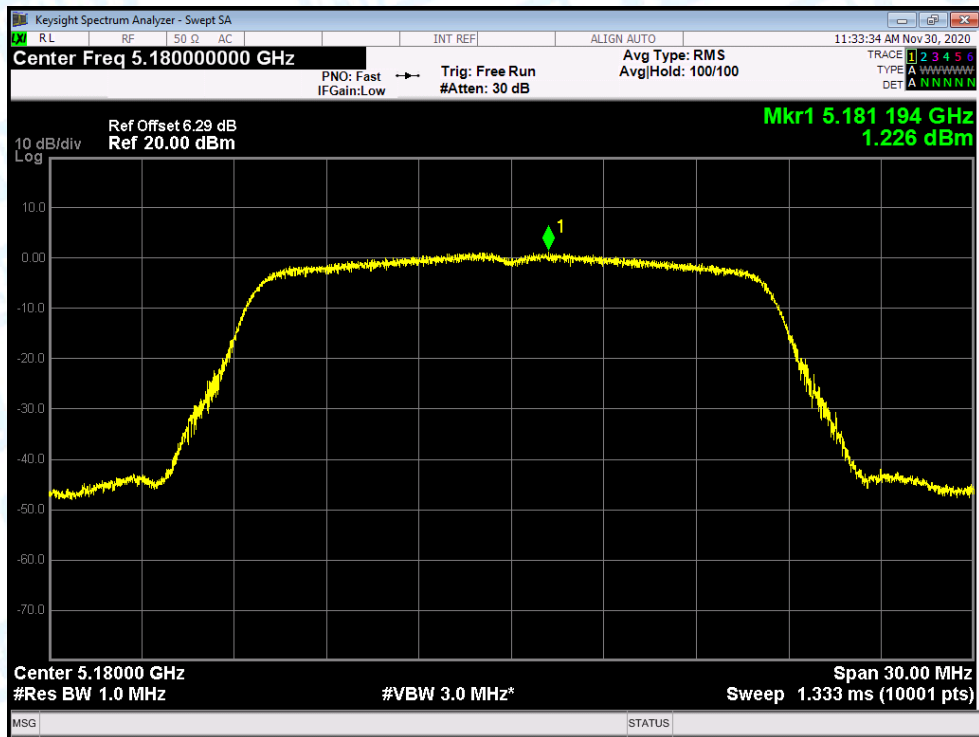




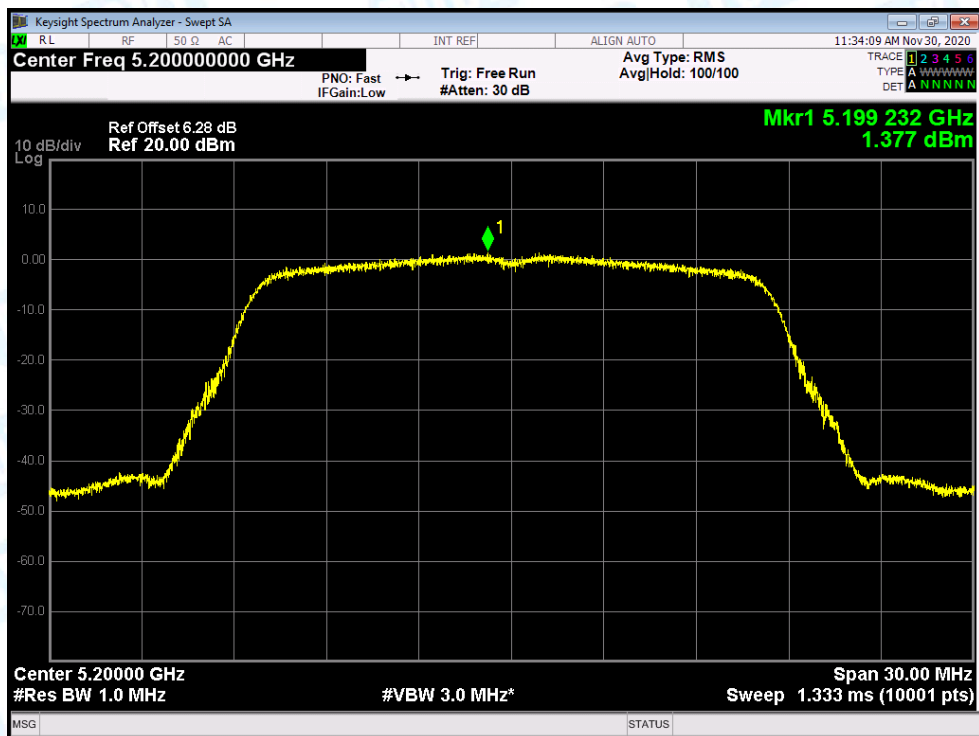
Attachment F-- Power Spectral Density Test Data

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	1.226	11	
	5200	1.377		
	5240	1.223		
802.11n (HT20)	5180	-0.16		
	5200	-0.183		
	5240	-0.015		
802.11ac (VHT20)	5180	-0.16		
	5200	-0.183		
	5240	-0.015		
802.11n (HT40)	5190	-2.842		
	5230	-2.707		
802.11ac(VHT40)	5190	-3.08		
	5230	-2.878		
802.11ac(VHT80)	5210	-6.461		
Result: PASS				
Remark: the Directional Gain=0.42dBi<6 dBi. So $P_{out}=P_{limit}$				
Test plots please refer to below pages:				

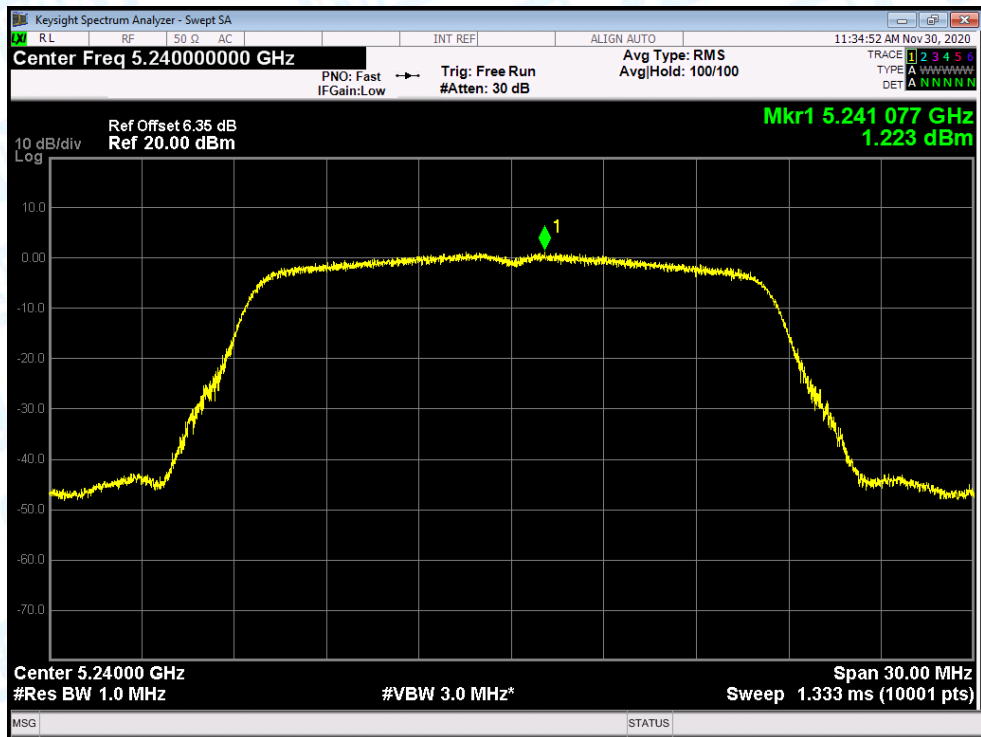
PSD NVNT a 5180MHz Ant1



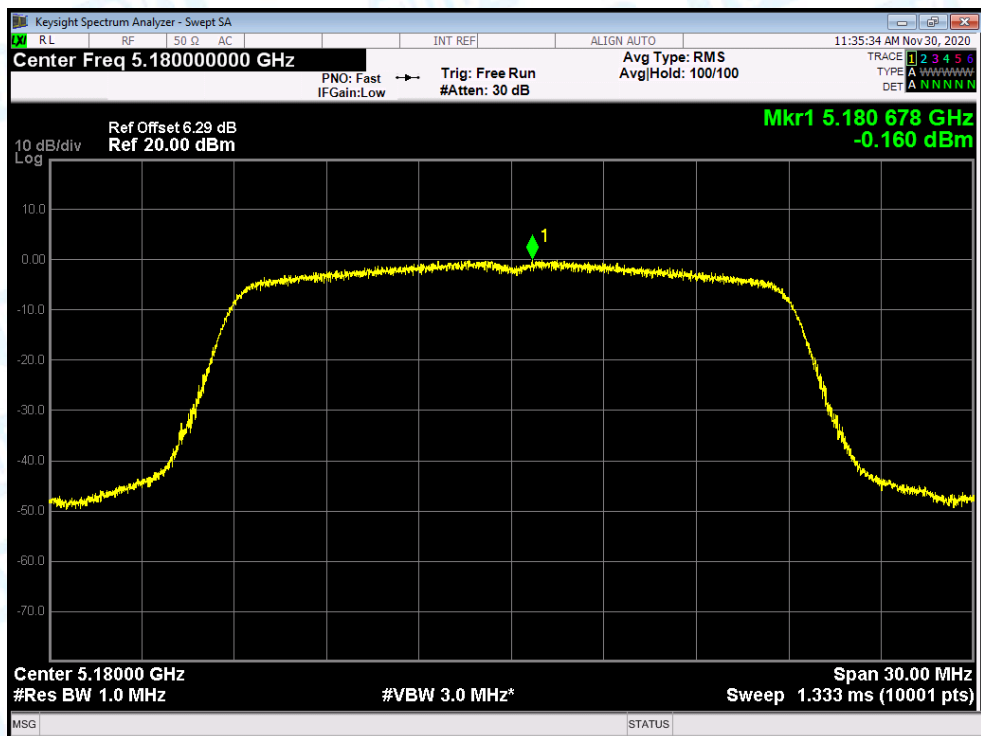
PSD NVNT a 5200MHz Ant1



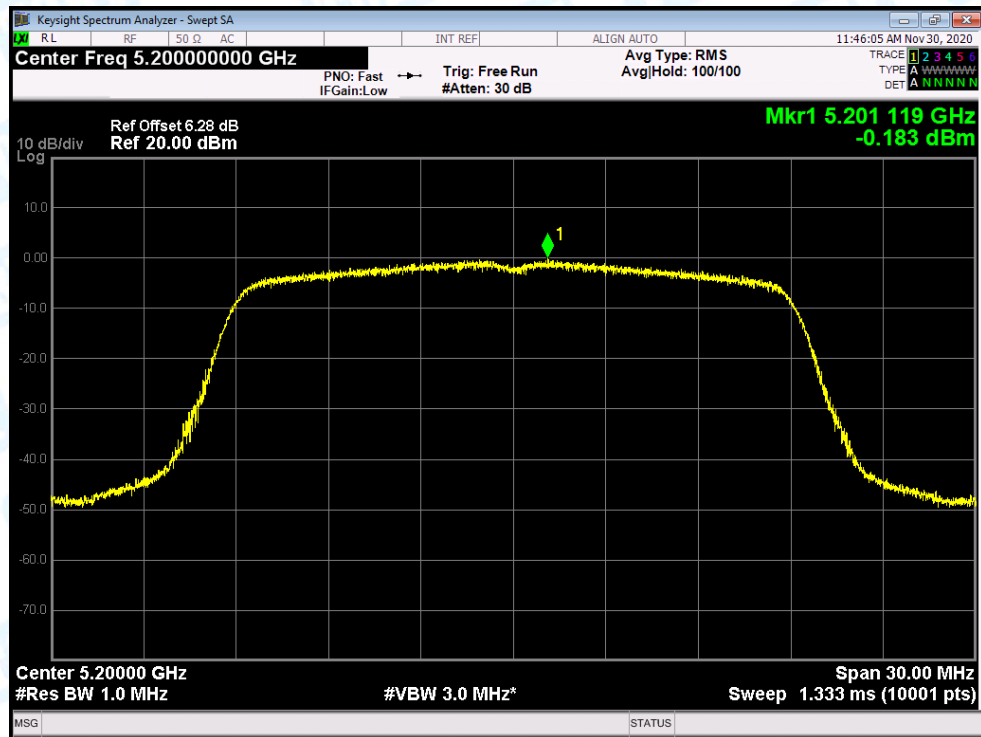
PSD NVNT a 5240MHz Ant1



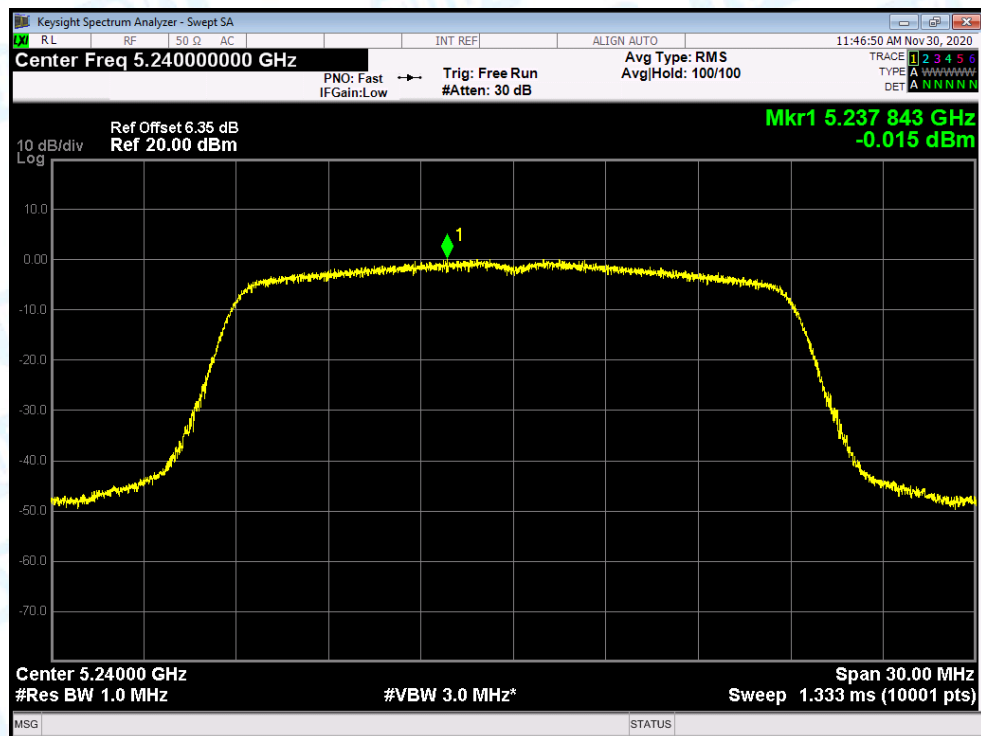
PSD NVNT n20 5180MHz Ant1



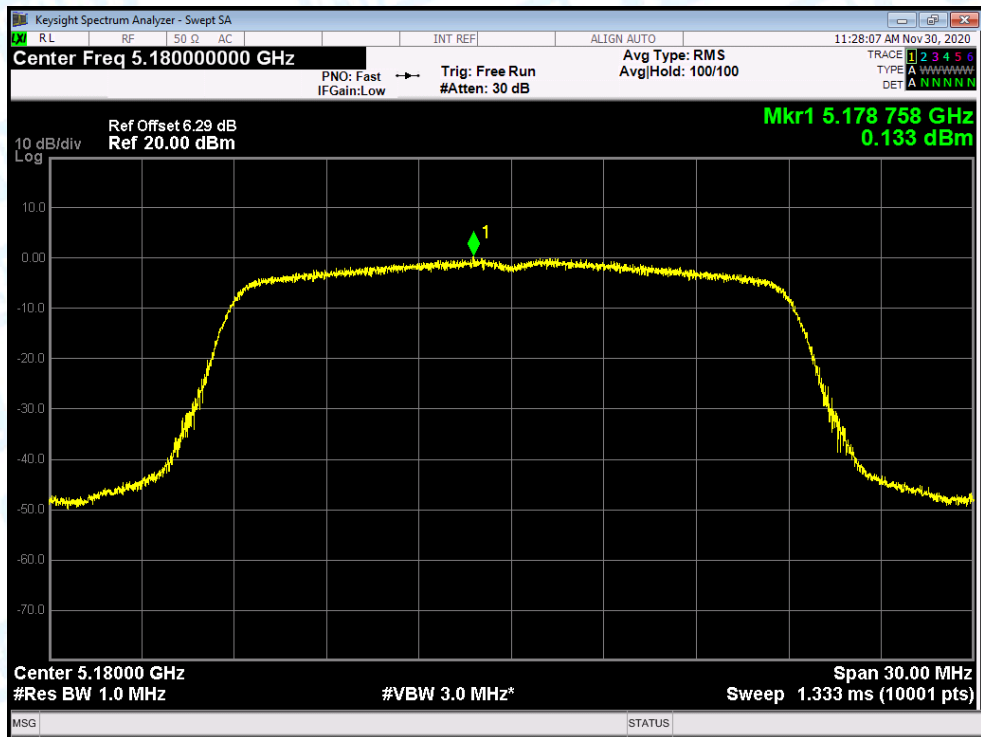
PSD NVNT n20 5200MHz Ant1



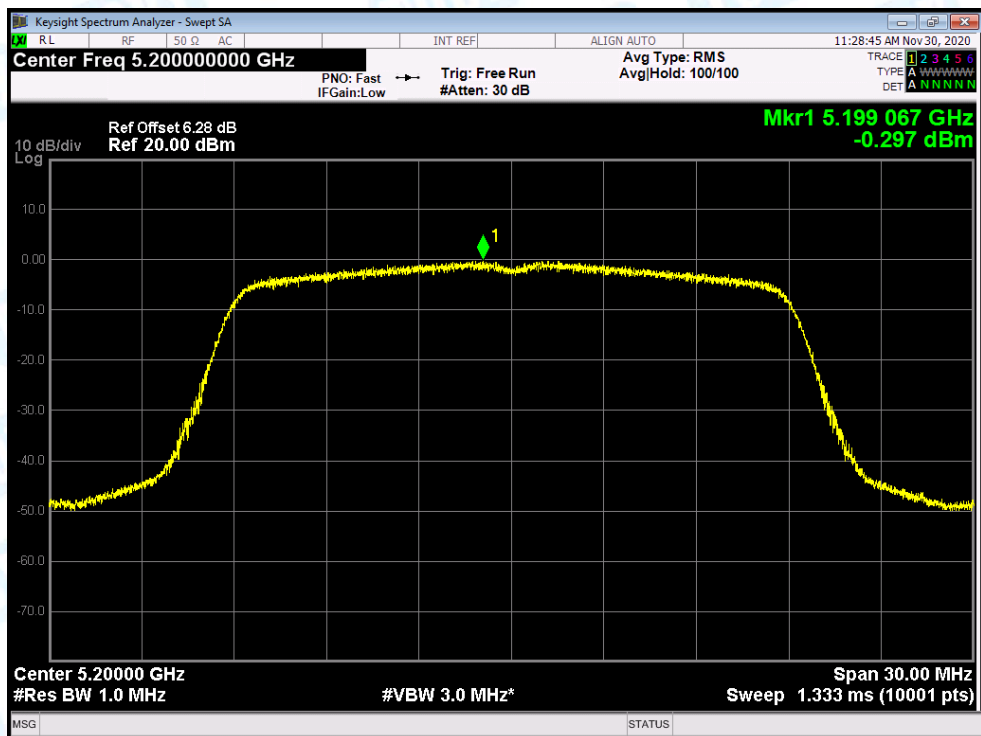
PSD NVNT n20 5240MHz Ant1



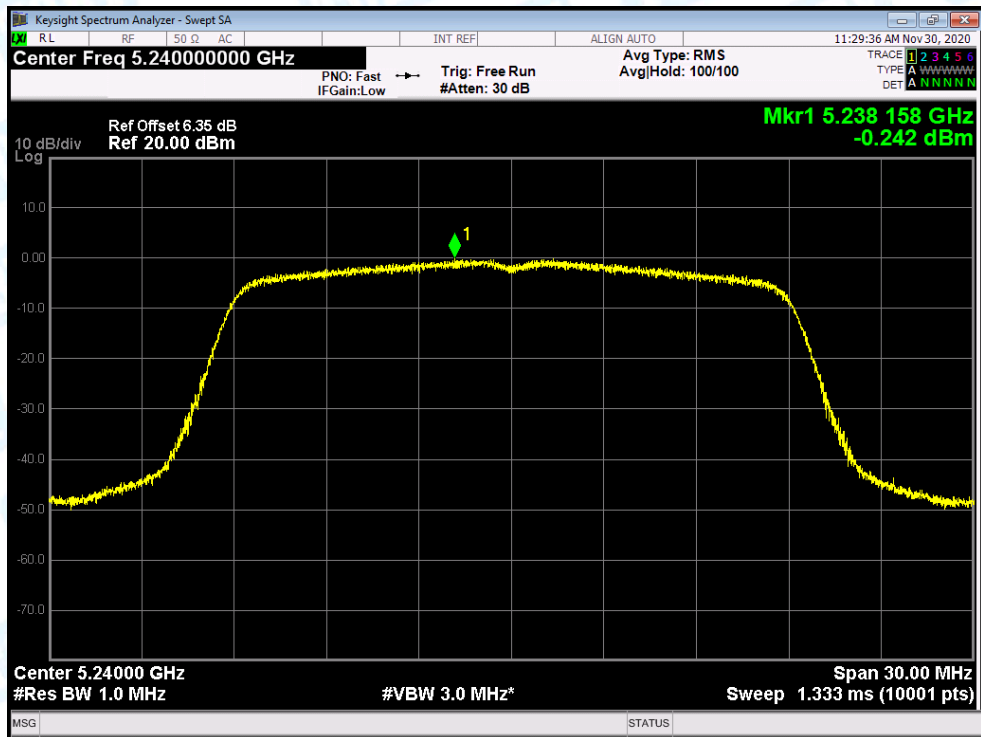
PSD NVNT ac20 5180MHz Ant1



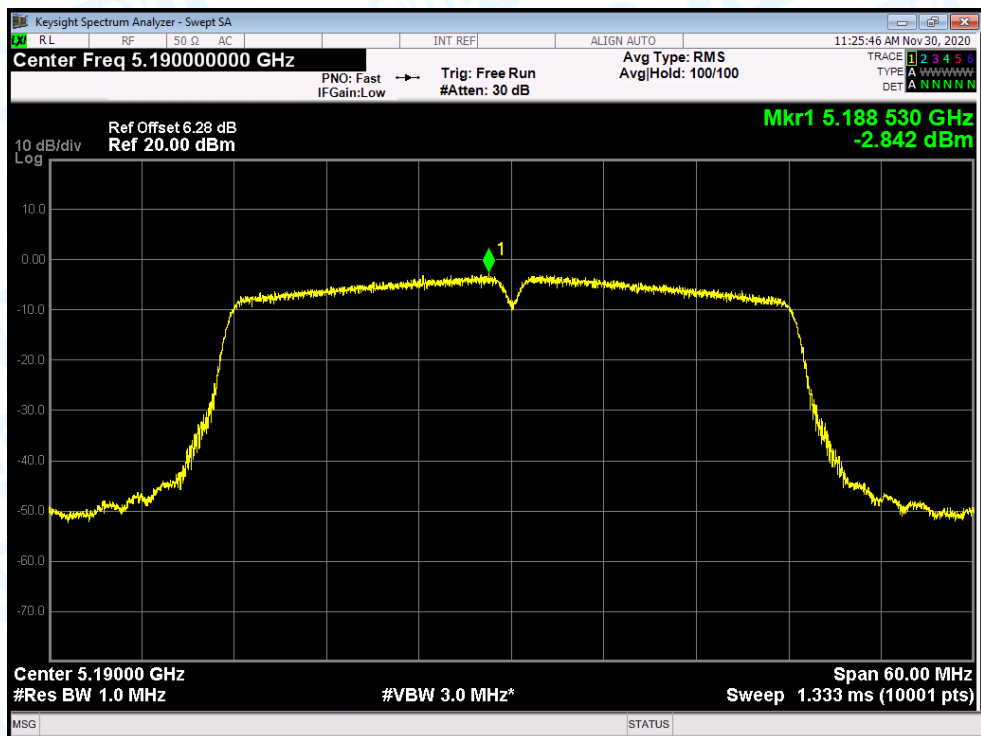
PSD NVNT ac20 5200MHz Ant1



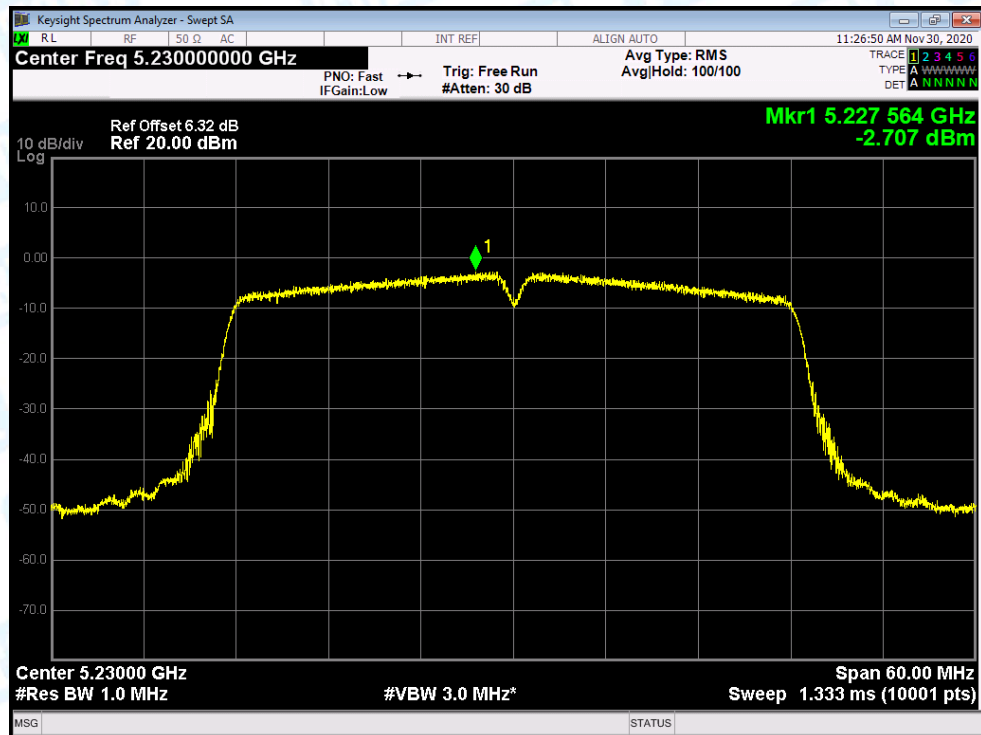
PSD NVNT ac20 5240MHz Ant1



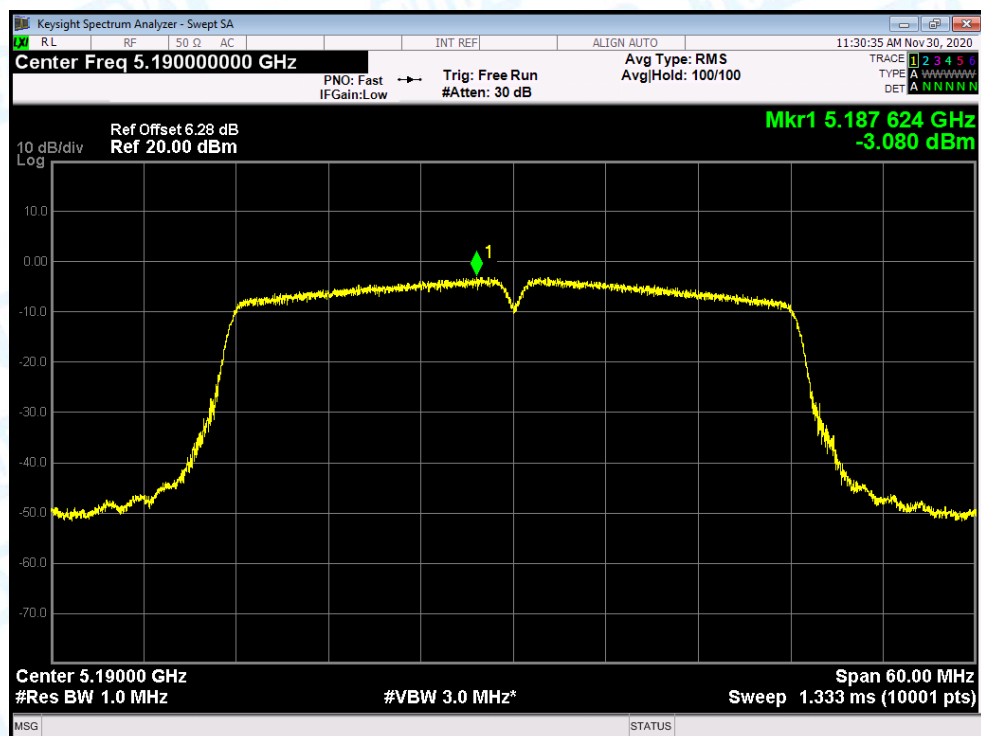
PSD NVNT n40 5190MHz Ant1



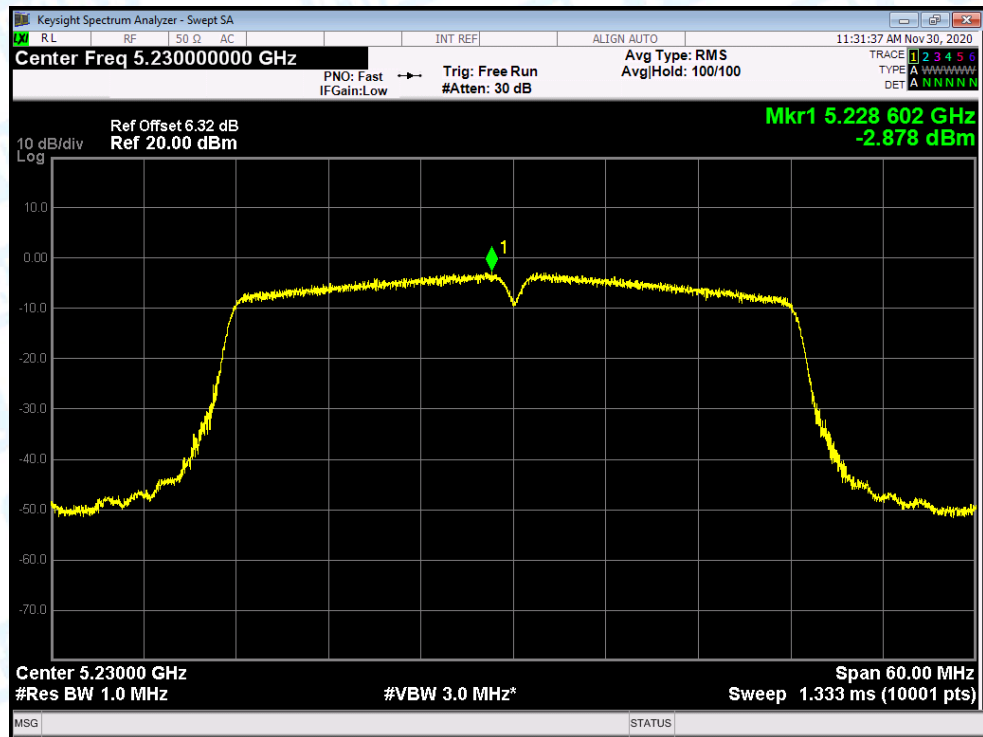
PSD NVNT n40 5230MHz Ant1



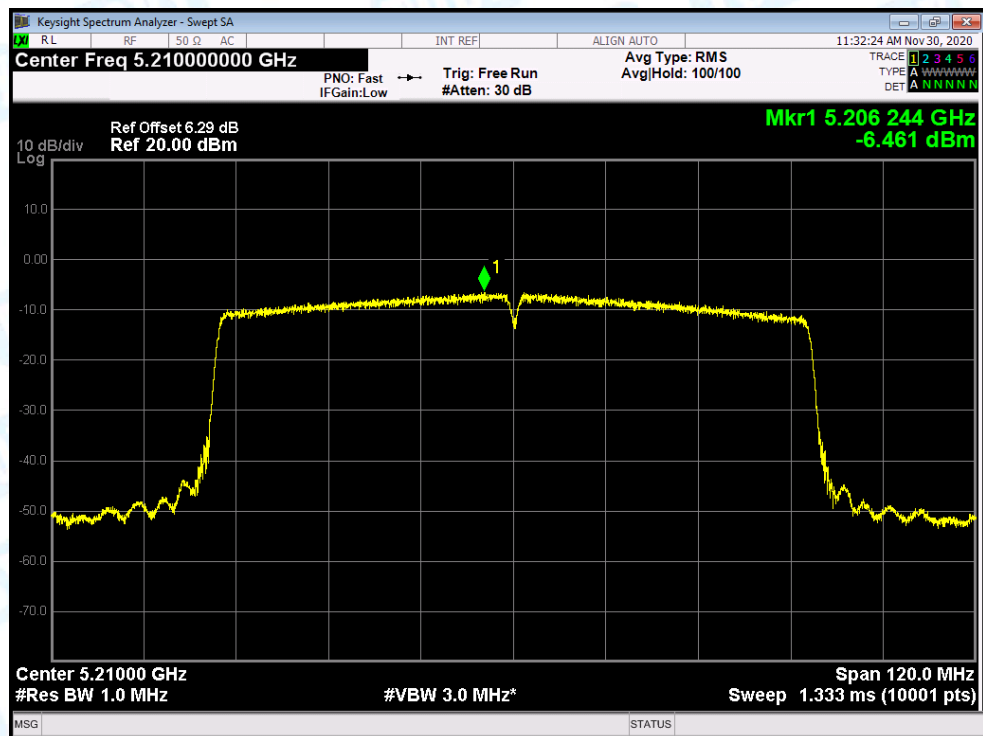
PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1

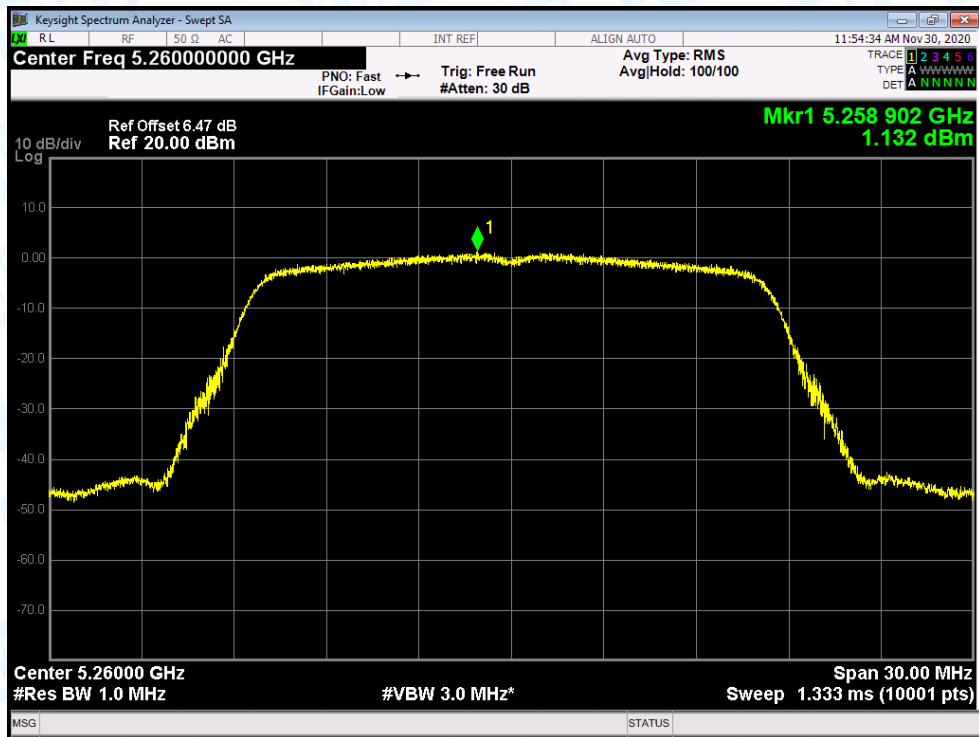


PSD NVNT ac80 5210MHz Ant1

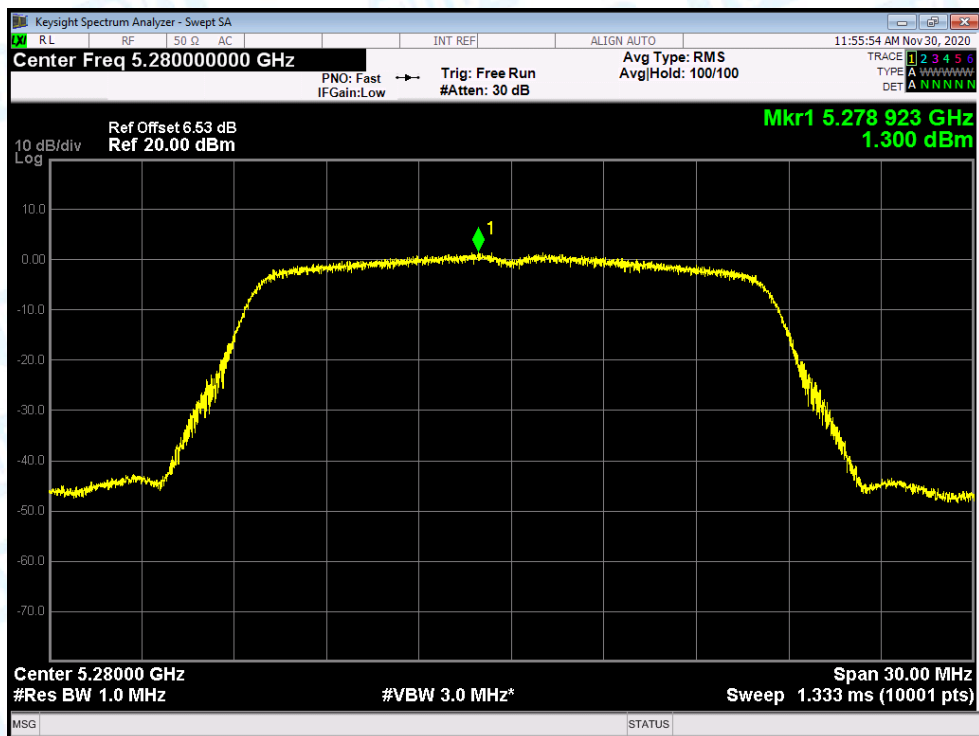


Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
U-NII-2A				
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/MHz)	
		Power Density (dBm/MHz)		
802.11a	5260	1.132	11	
	5280	1.300		
	5320	1.743		
802.11n (HT20)	5260	-0.320		
	5280	-0.019		
	5320	-0.092		
802.11ac (VHT20)	5260	0.074		
	5280	0.102		
	5320	0.066		
802.11n (HT40)	5270	-2.741		
	5310	1.152		
802.11ac(VHT40)	5270	-2.922		
	5310	-2.763		
802.11ac(VHT80)	5290	-6.578		
Result: PASS				
Remark: the Directional Gain=0.42dBi<6 dBi. So $P_{out} = P_{limit}$				
Test plots please refer to below pages:				

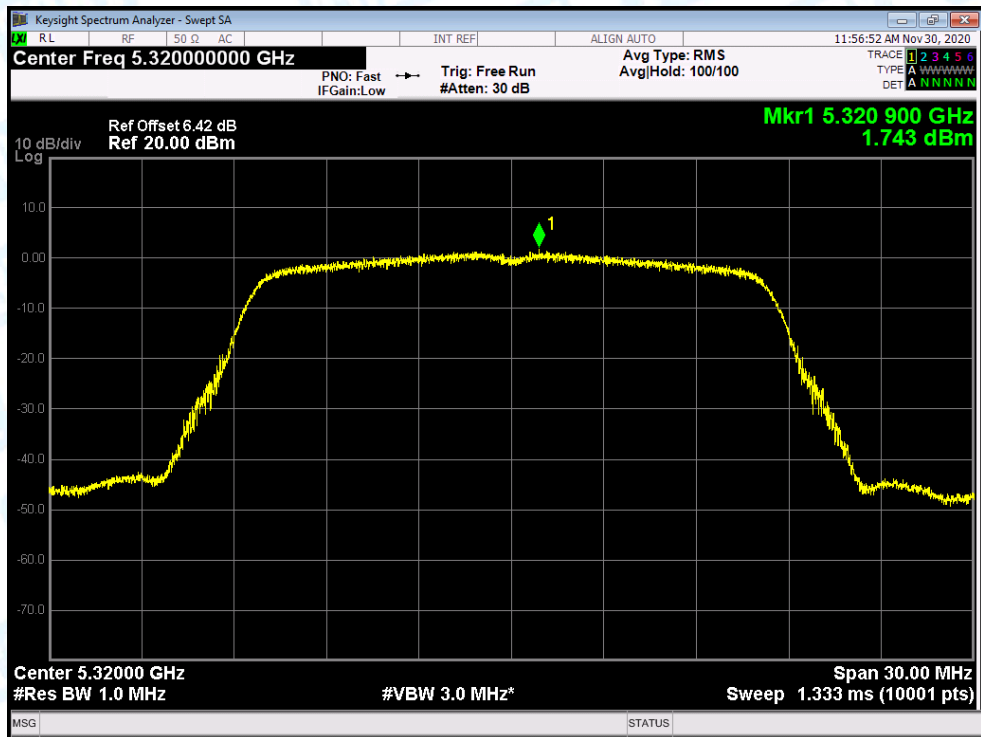
PSD NVNT a 5260MHz Ant1



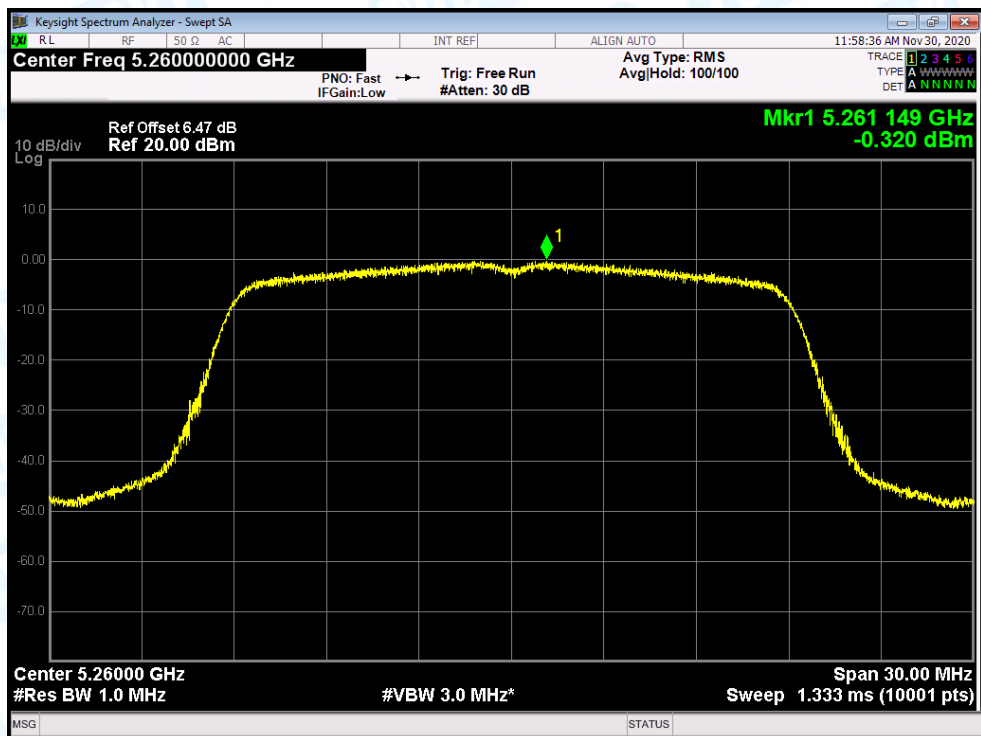
PSD NVNT a 5280MHz Ant1



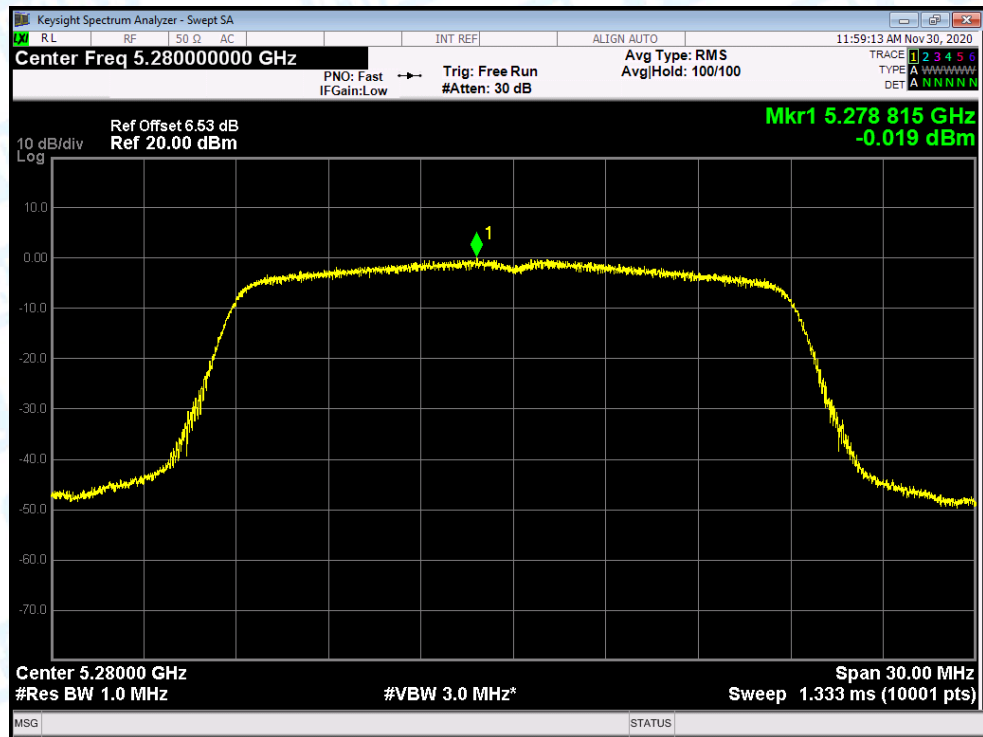
PSD NVNT a 5320MHz Ant1



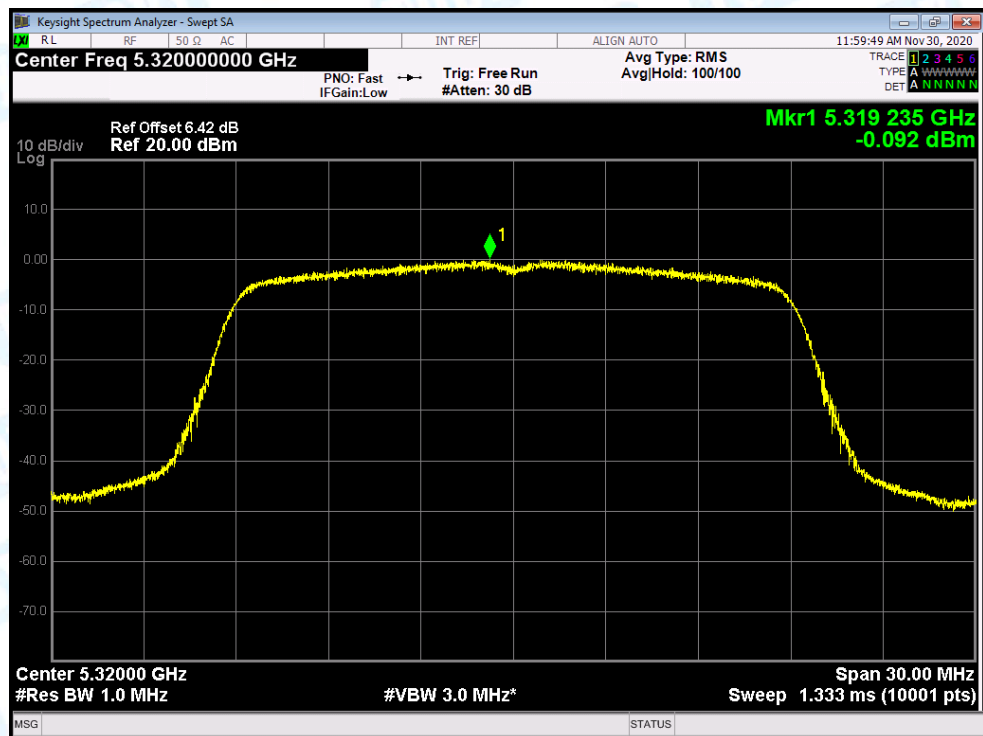
PSD NVNT n20 5260MHz Ant1



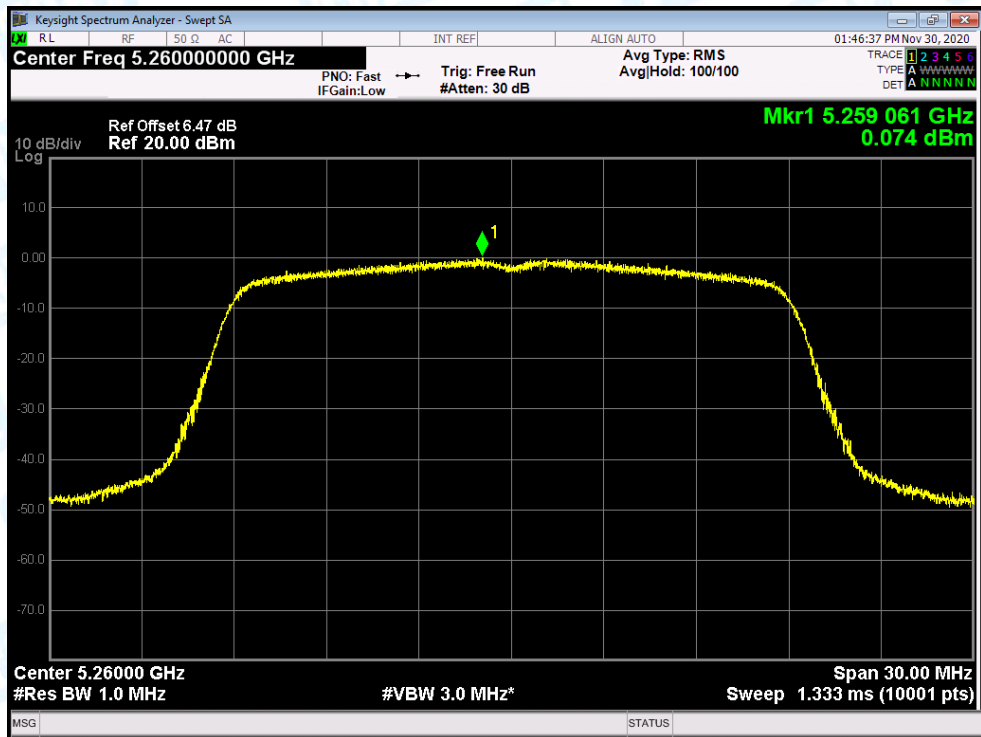
PSD NVNT n20 5280MHz Ant1



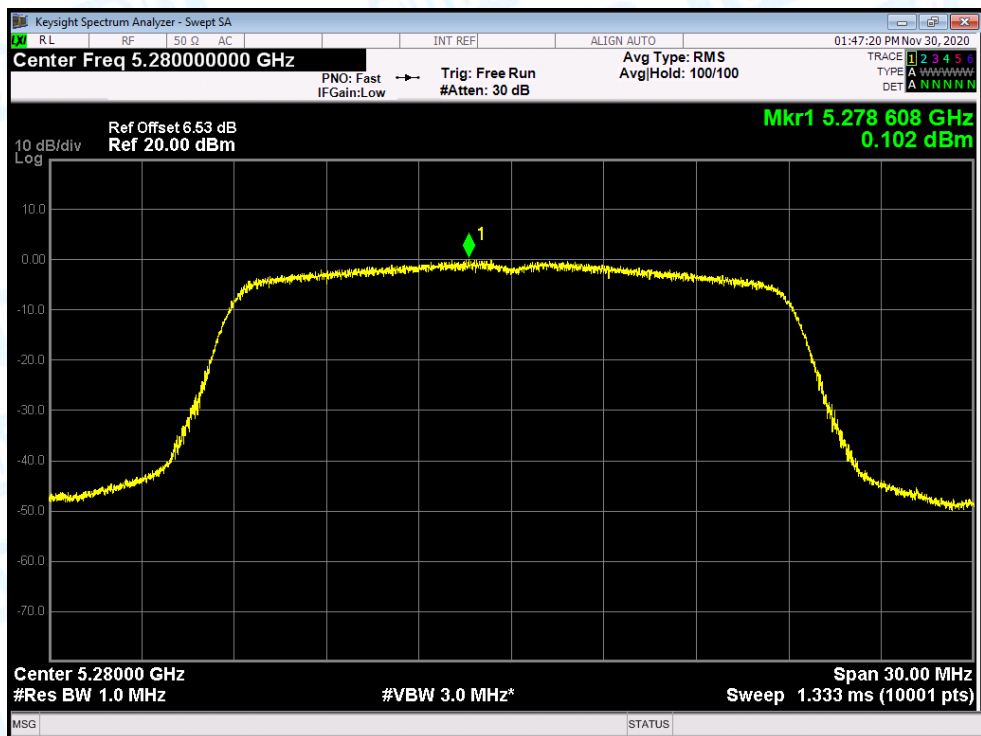
PSD NVNT n20 5320MHz Ant1



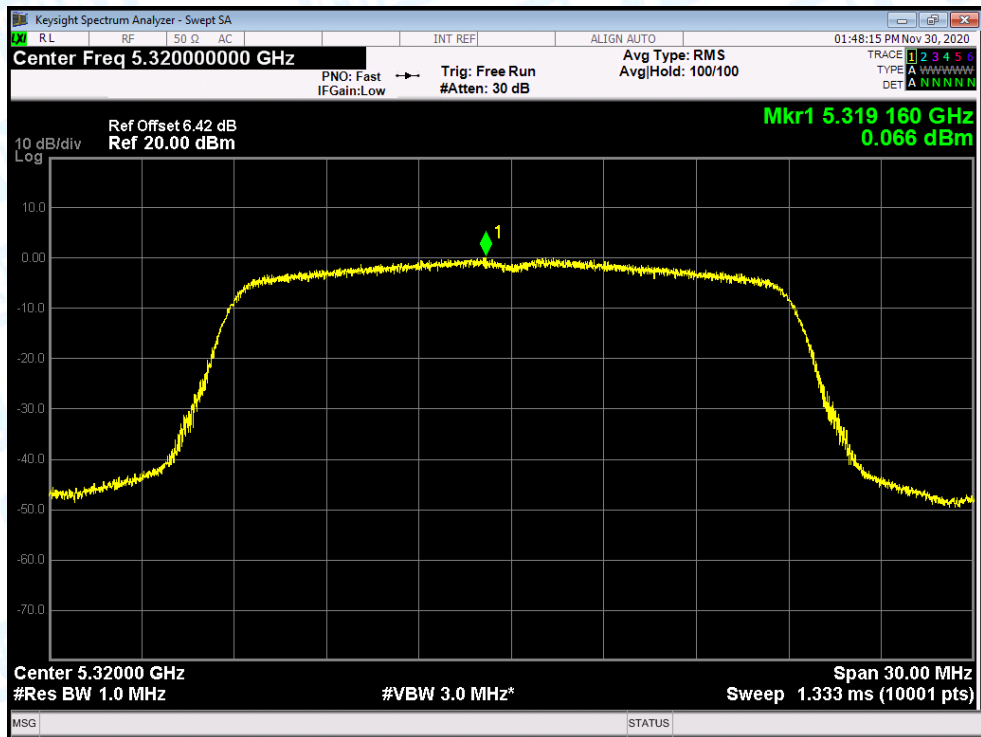
PSD NVNT ac20 5260MHz Ant1



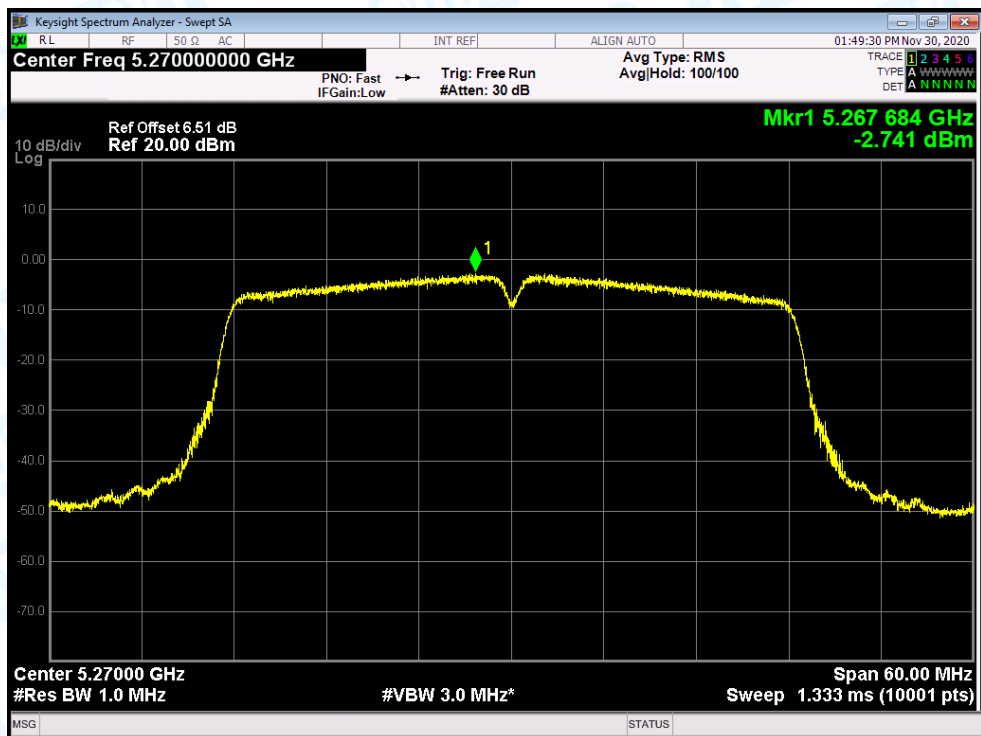
PSD NVNT ac20 5280MHz Ant1



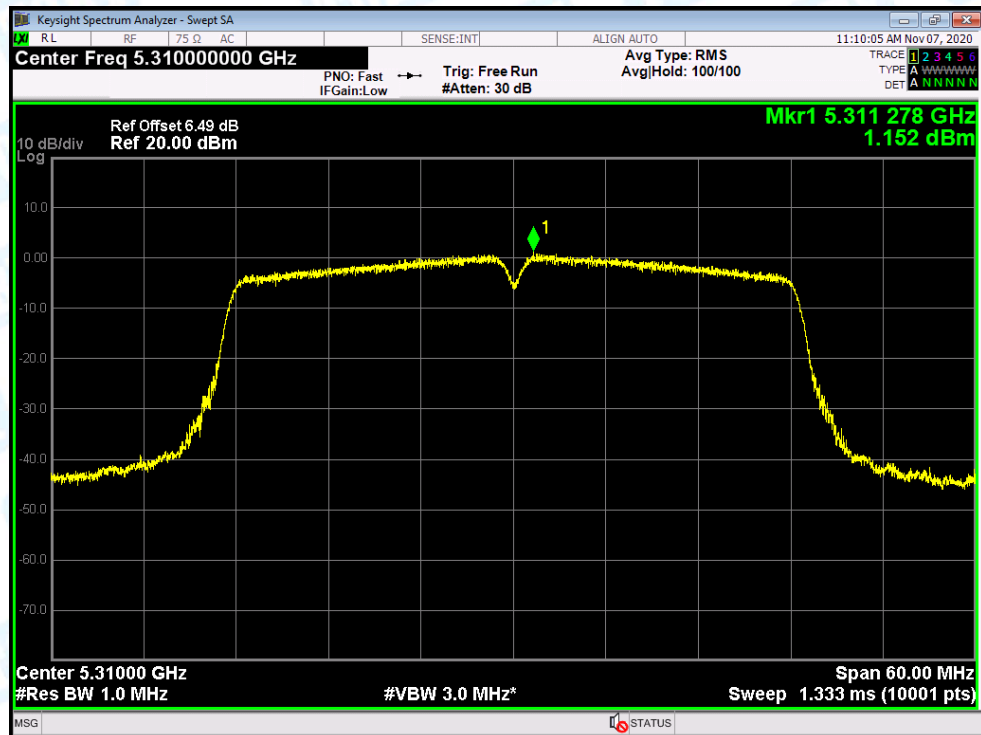
PSD NVNT ac20 5320MHz Ant1



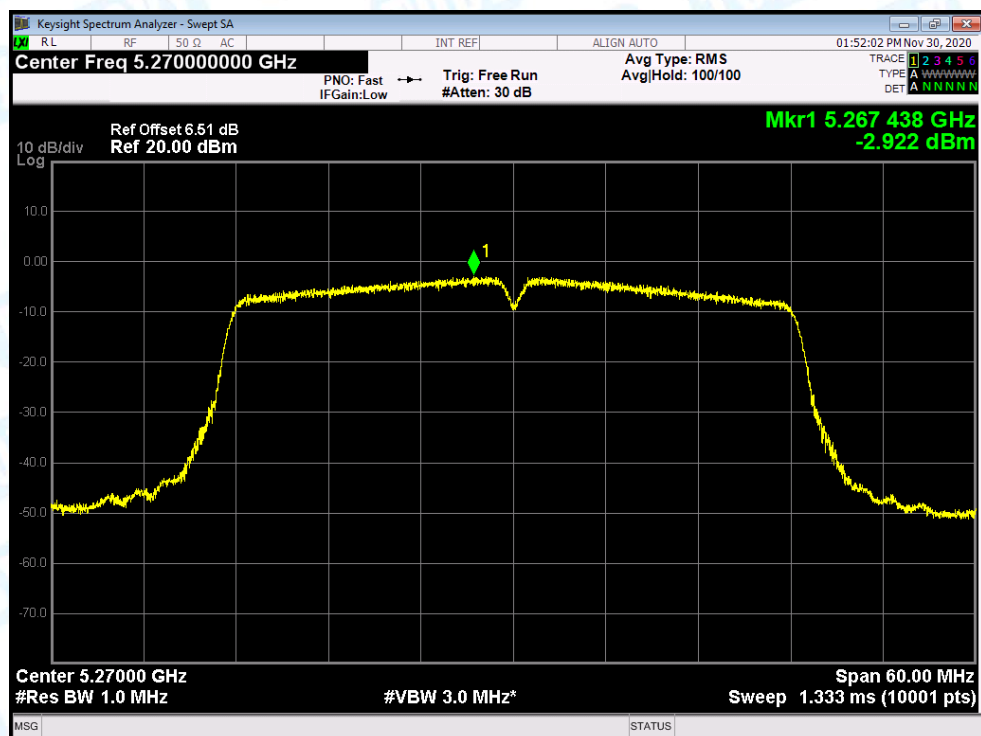
PSD NVNT n40 5270MHz Ant1



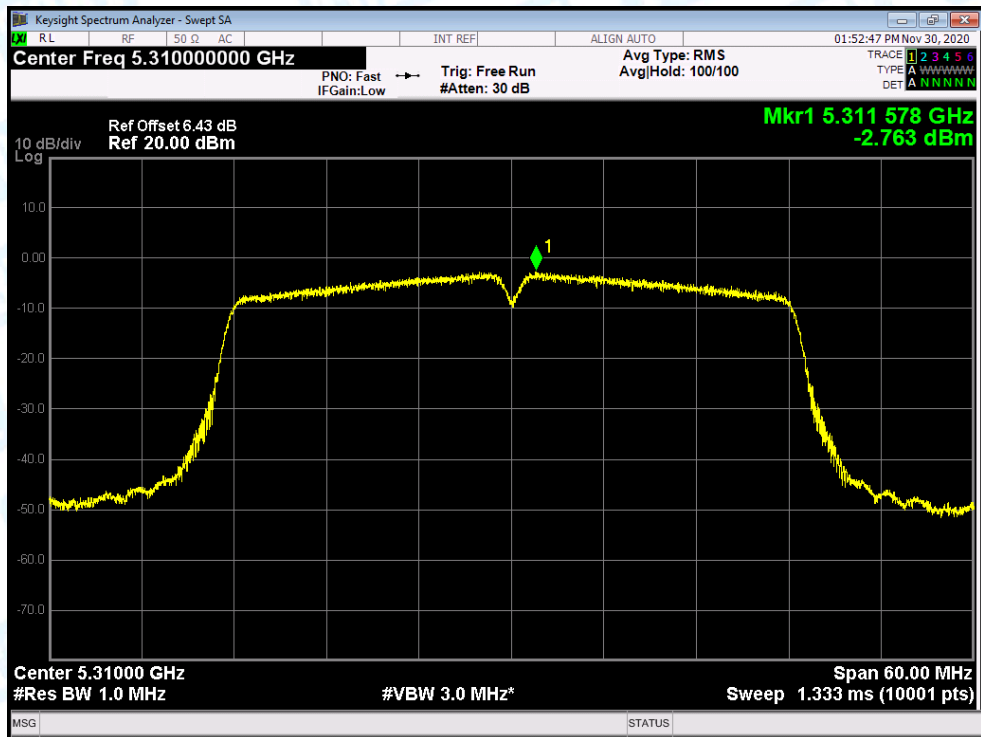
PSD NVNT n40 5310MHz Ant1



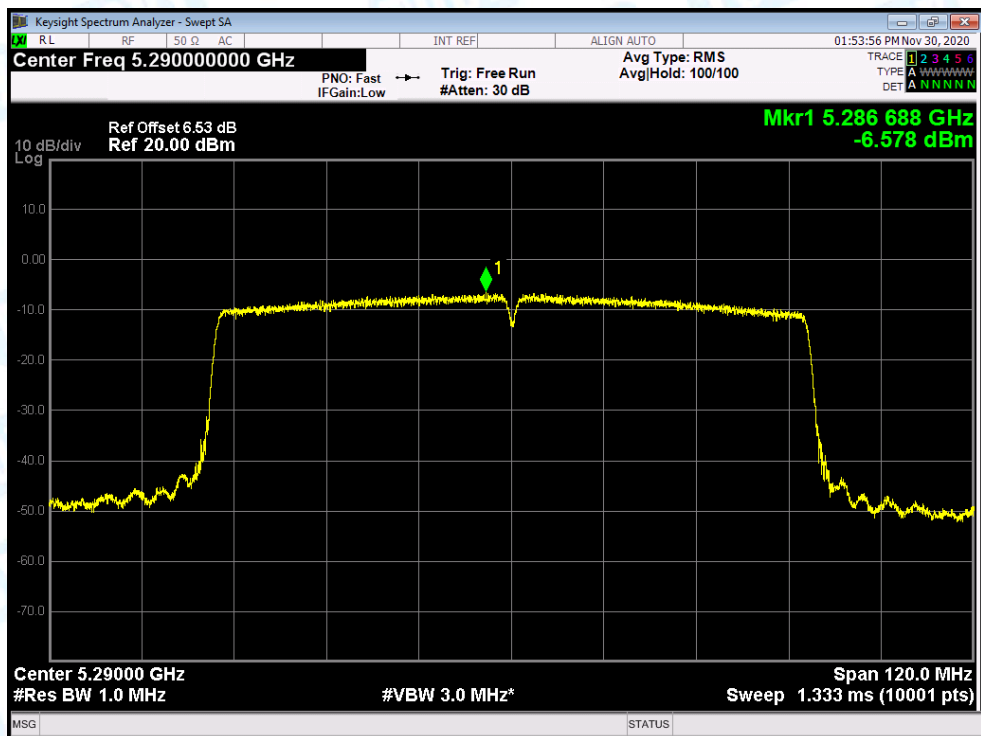
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1

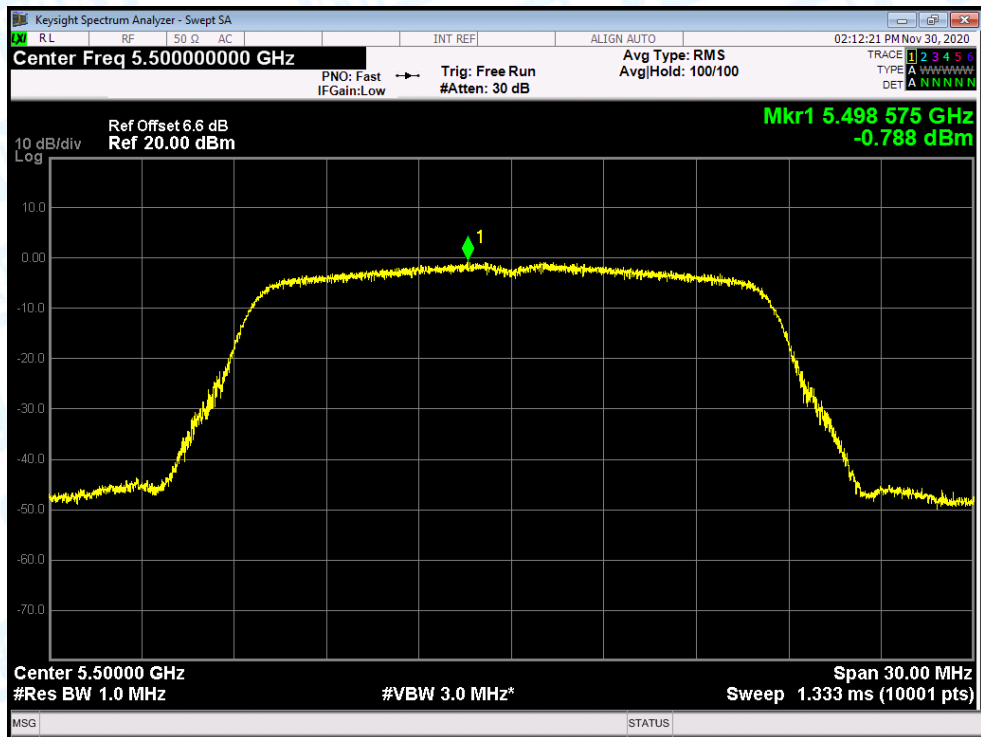


PSD NVNT ac80 5290MHz Ant1

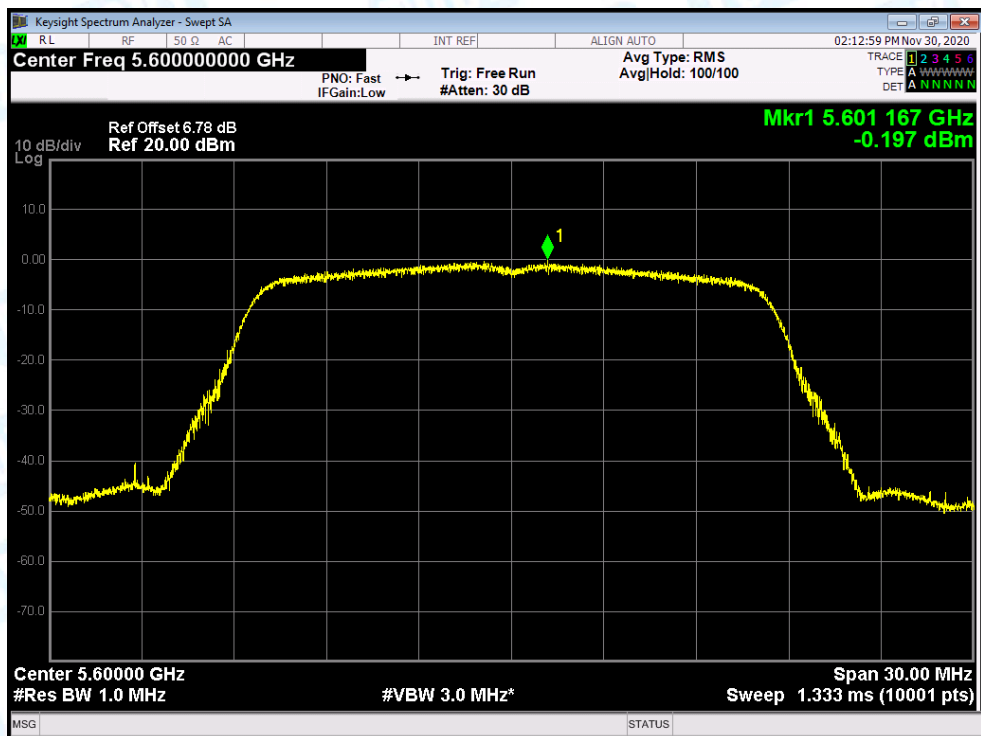


Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
U-NII-2C				
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/MHz)	
		Power Density (dBm/MHz)		
802.11a	5500	-0.788	11	
	5600	-0.197		
	5720	0.265		
802.11n (HT20)	5500	-1.042		
	5600	-1.923		
	5720	-0.275		
802.11ac (VHT20)	5500	-2.097		
	5600	-1.806		
	5720	-0.395		
802.11n (HT40)	5510	-4.89		
	5590	-4.403		
	5710	-4.671		
802.11ac(VHT40)	5510	-4.824		
	5590	-4.342		
	5710	-3.987		
802.11ac(VHT80)	5530	-7.878		
	5610	-7.774		
	5690	-6.207		
Result: PASS				
Remark: the Directional Gain=0.42dBi<6 dBi. So $P_{out} = P_{limit}$				
Test plots please refer to below pages:				

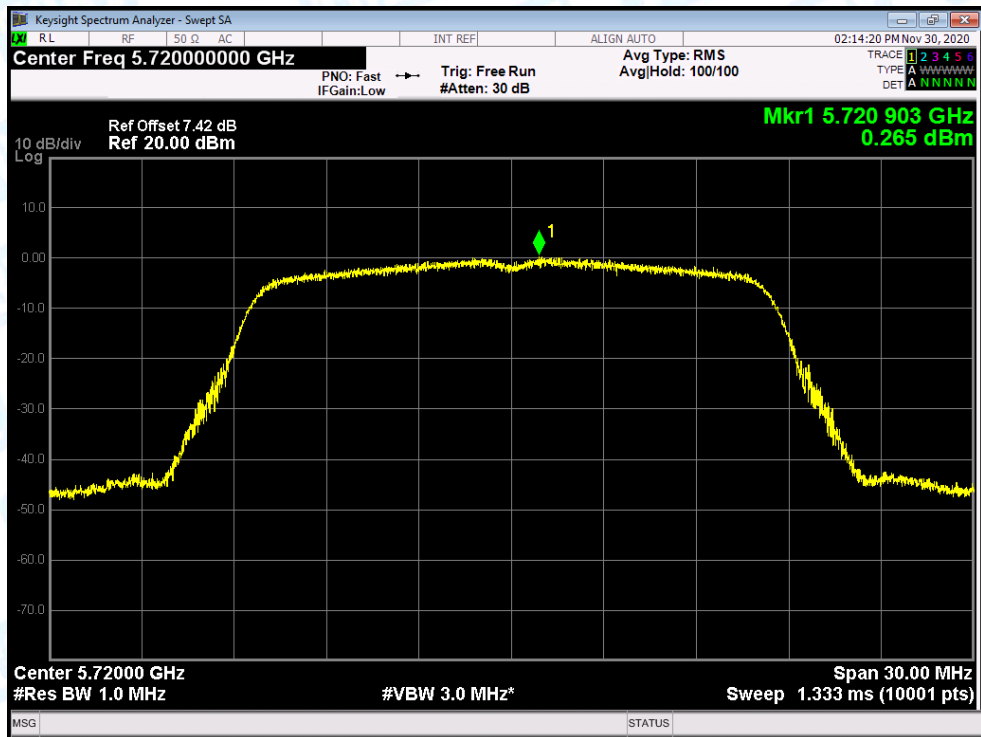
PSD NVNT a 5500MHz Ant1



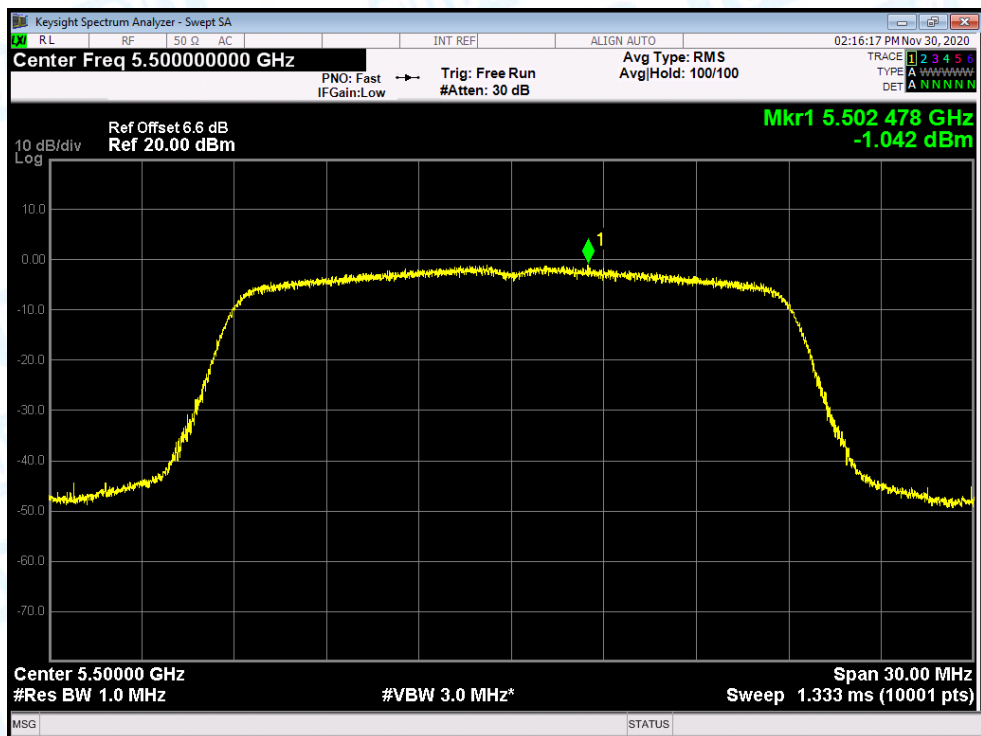
PSD NVNT a 5600MHz Ant1



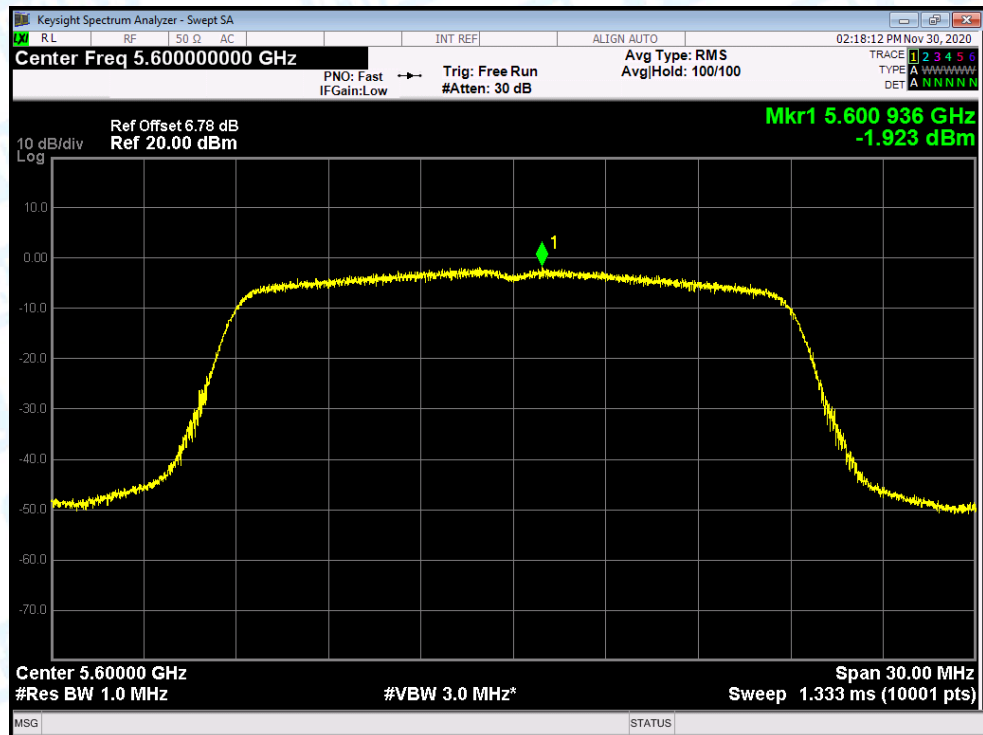
PSD NVNT a 5720MHz Ant1



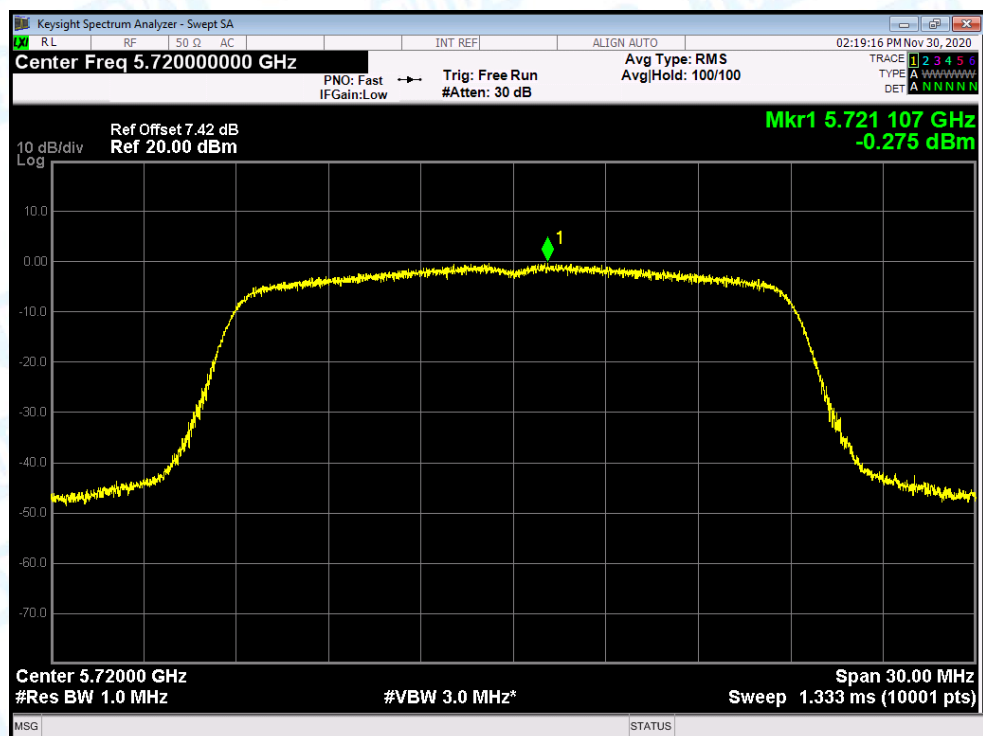
PSD NVNT n20 5500MHz Ant1



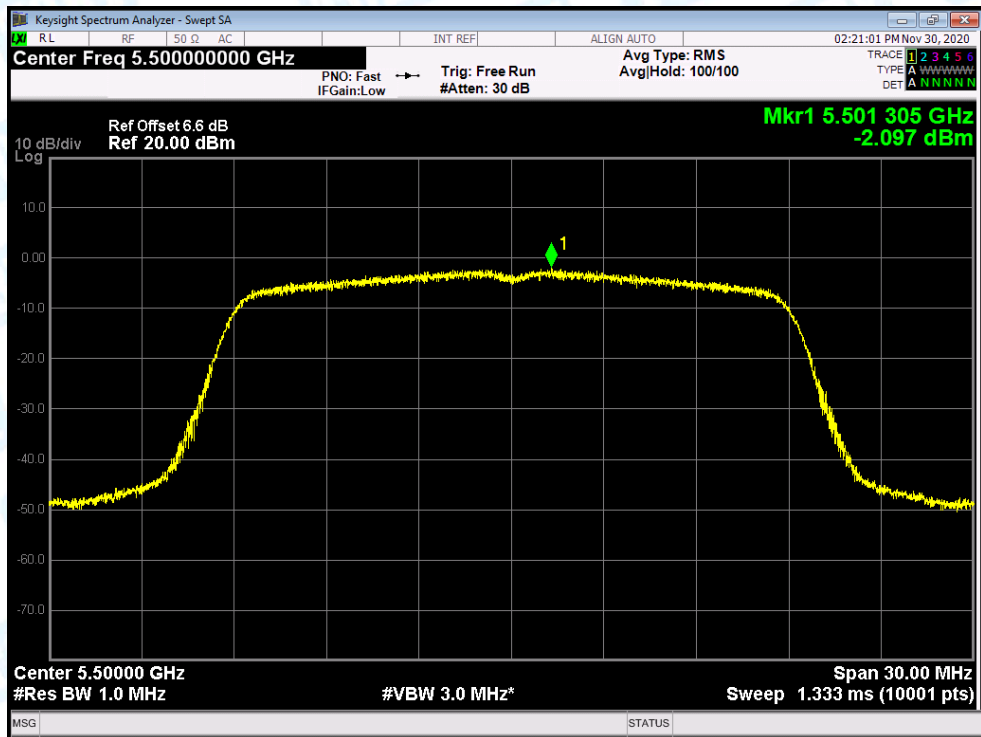
PSD NVNT n20 5600MHz Ant1



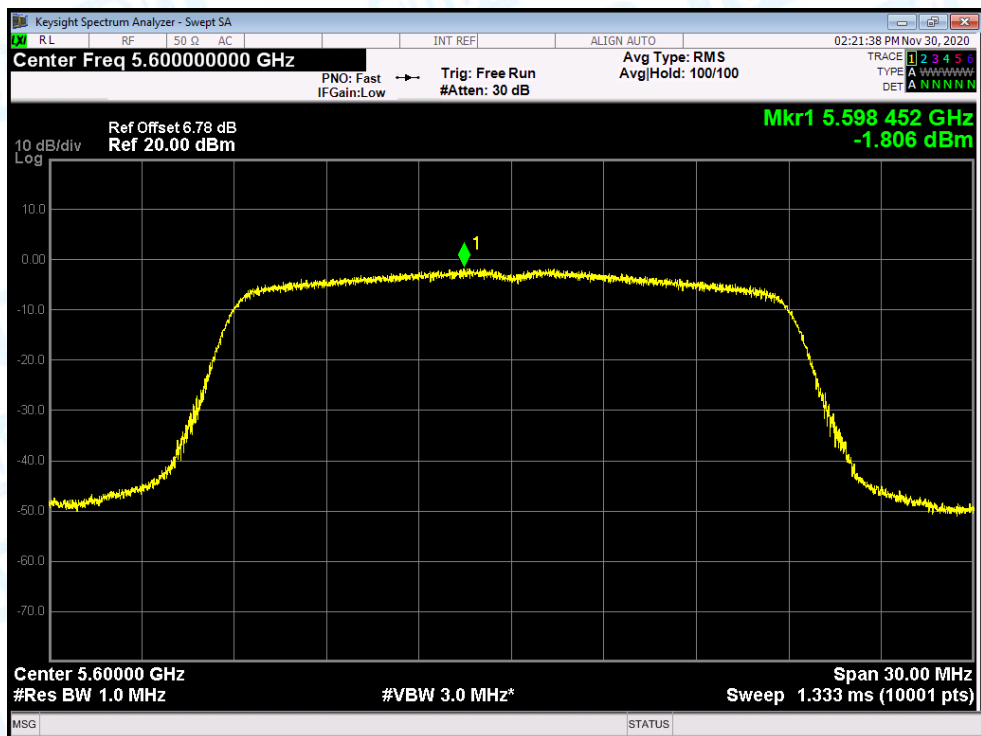
PSD NVNT n20 5720MHz Ant1



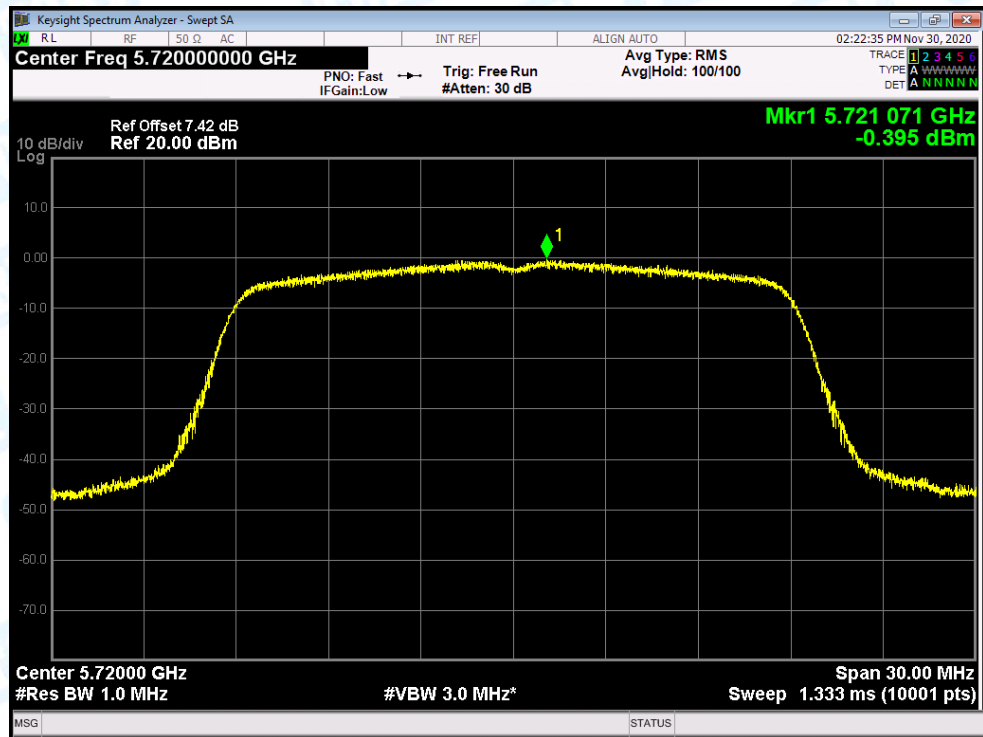
PSD NVNT ac20 5500MHz Ant1



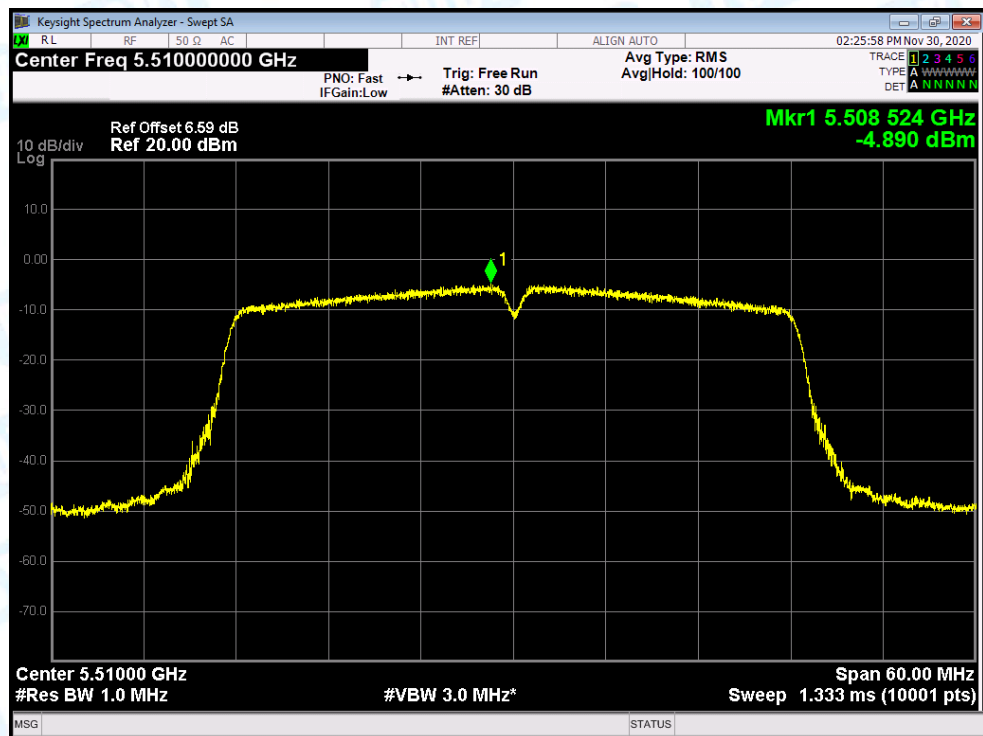
PSD NVNT ac20 5600MHz Ant1



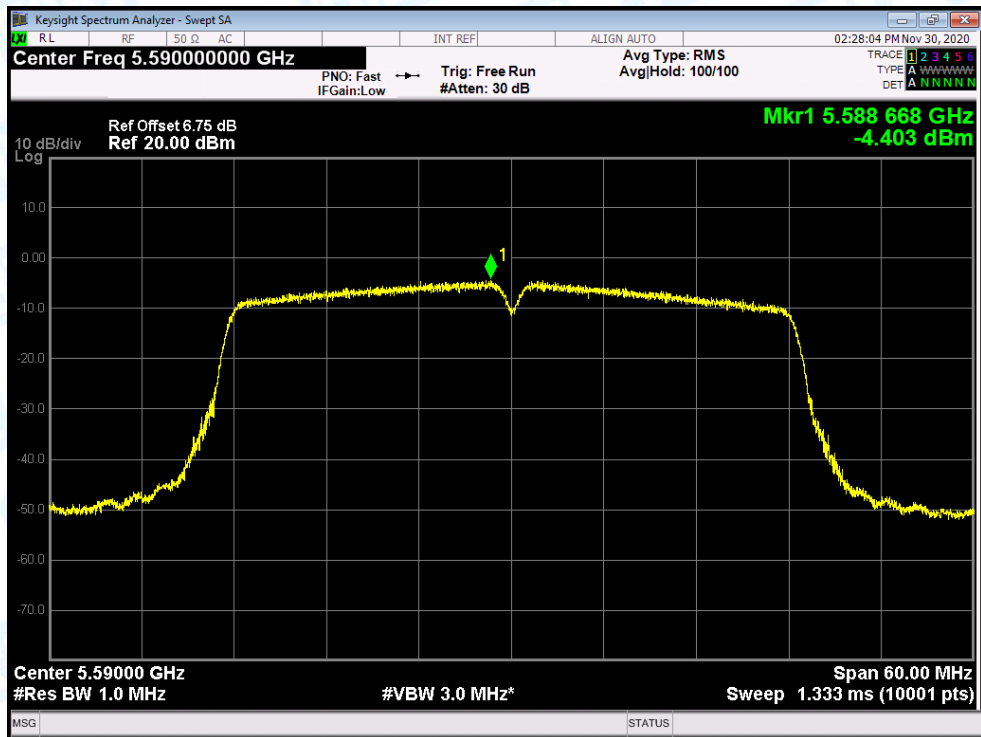
PSD NVNT ac20 5720MHz Ant1



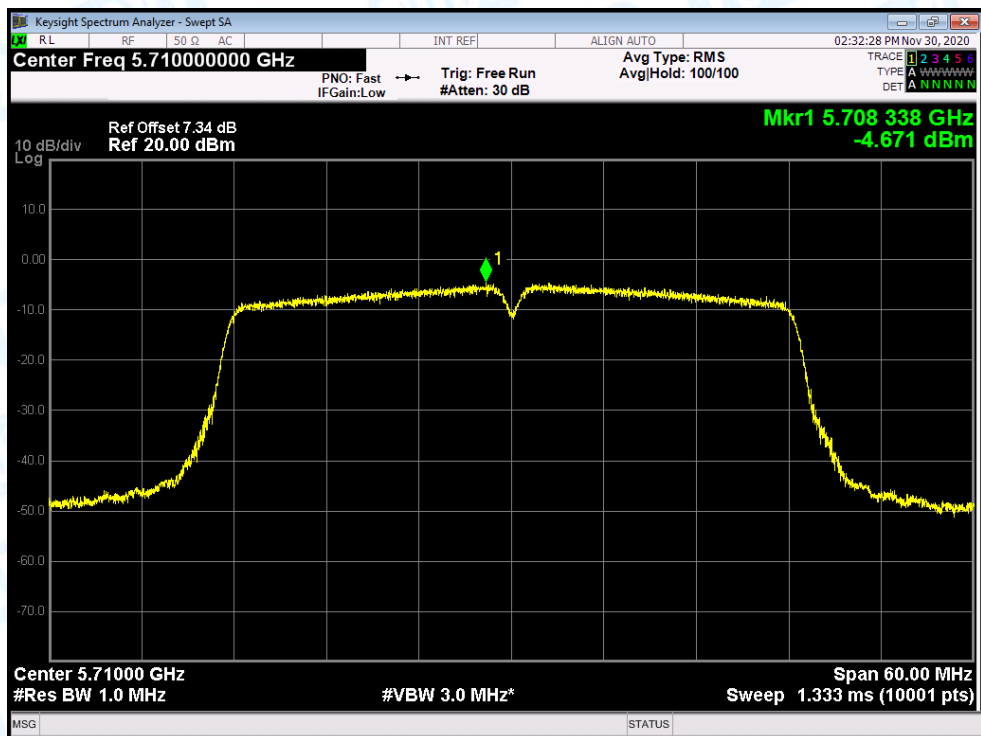
PSD NVNT n40 5510MHz Ant1



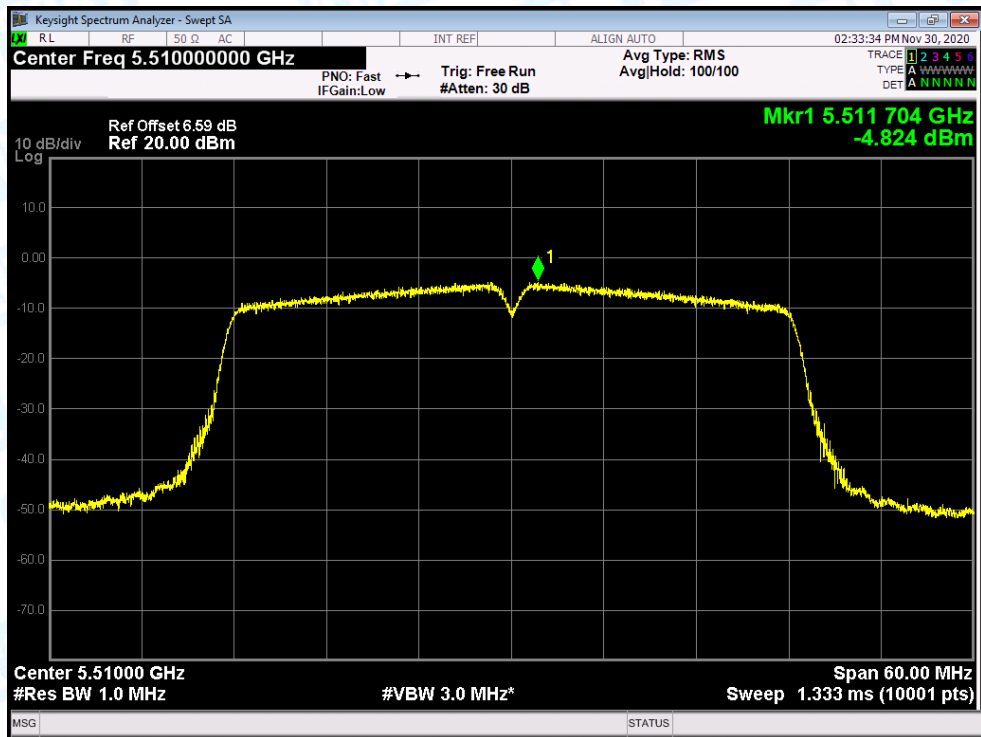
PSD NVNT n40 5590MHz Ant1



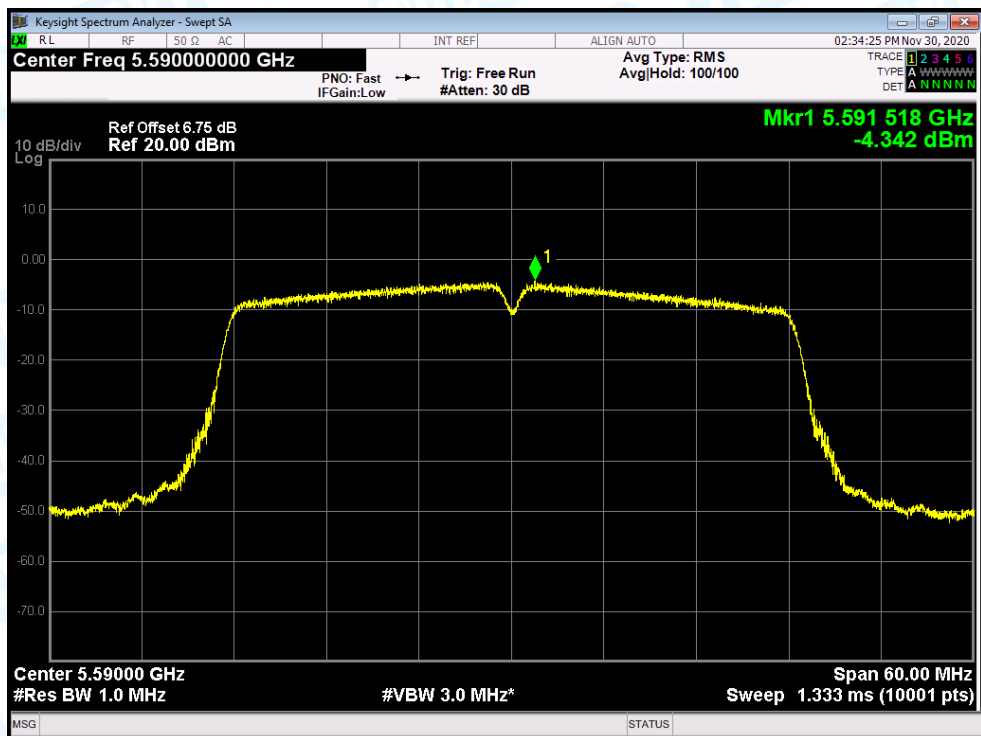
PSD NVNT n40 5710MHz Ant1



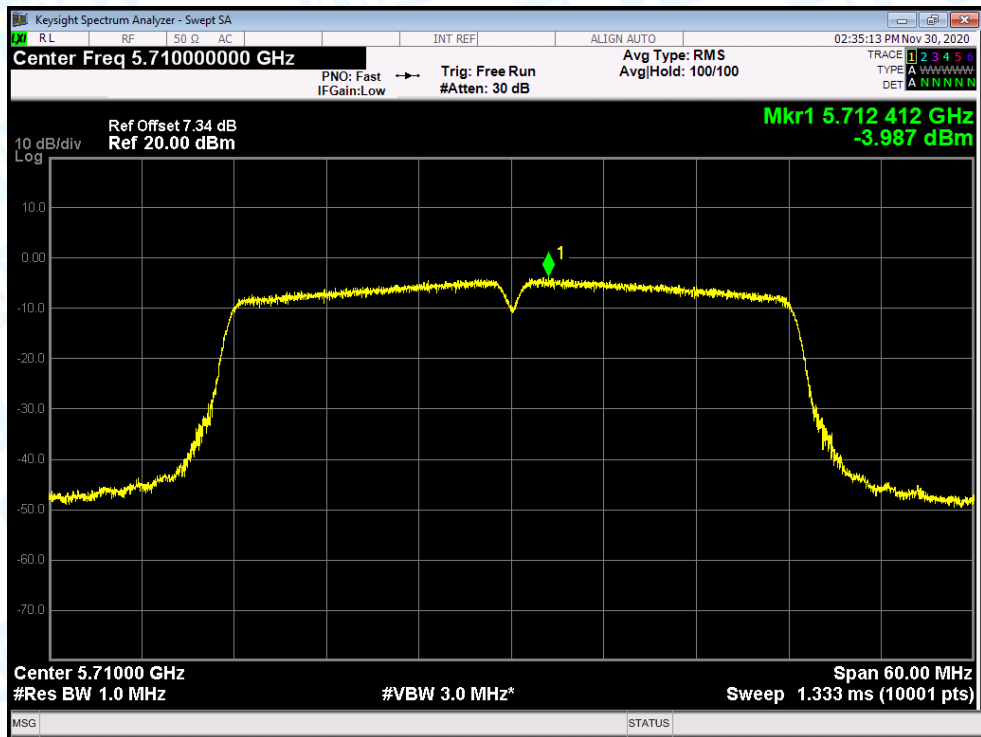
PSD NVNT ac40 5510MHz Ant1



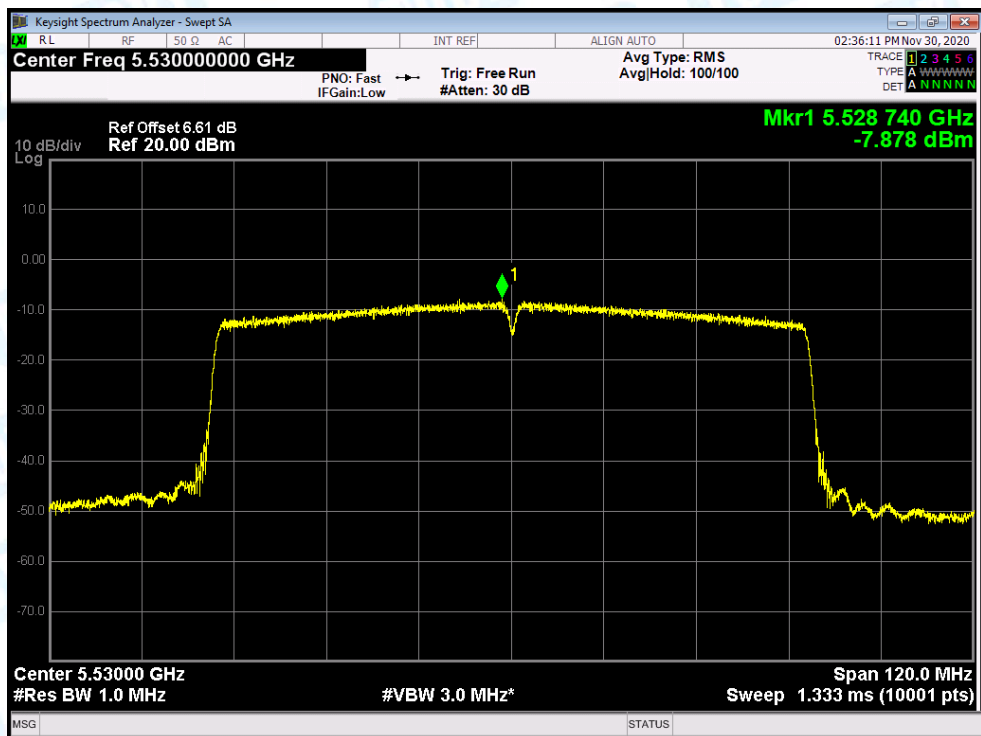
PSD NVNT ac40 5590MHz Ant1



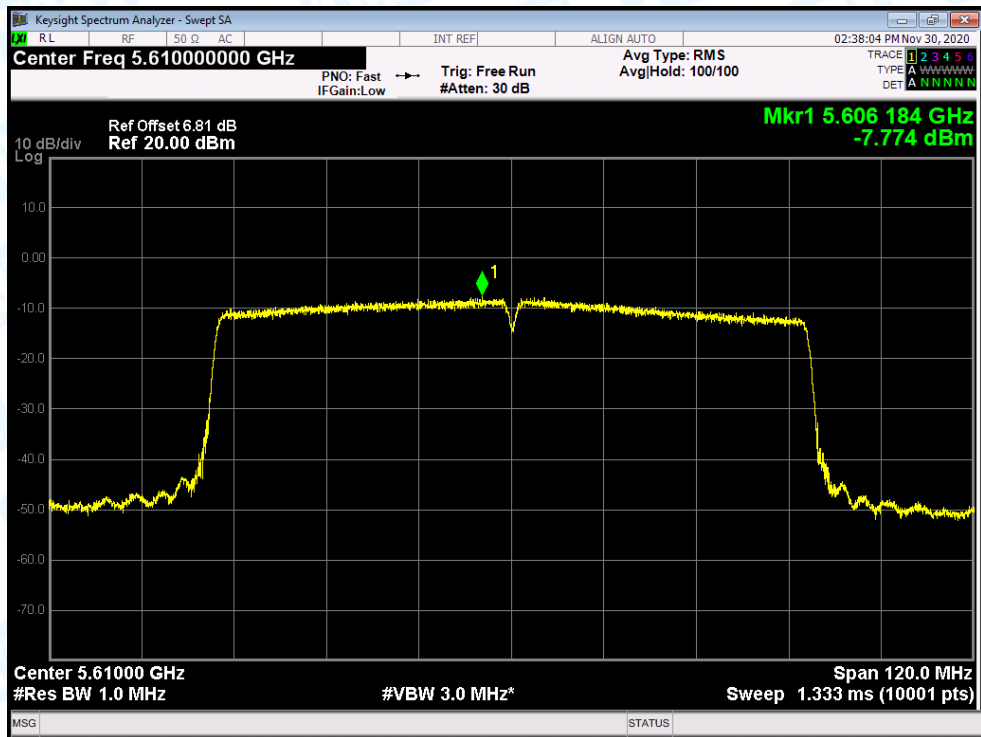
PSD NVNT ac40 5710MHz Ant1



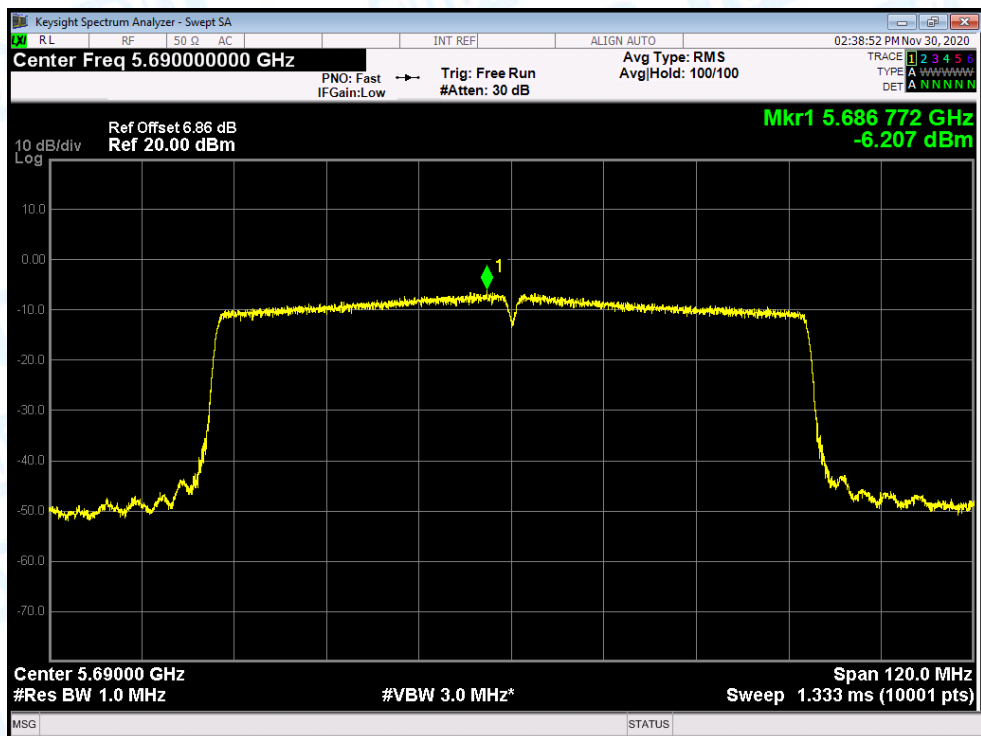
PSD NVNT ac80 5530MHz Ant1



PSD NVNT ac80 5610MHz Ant1

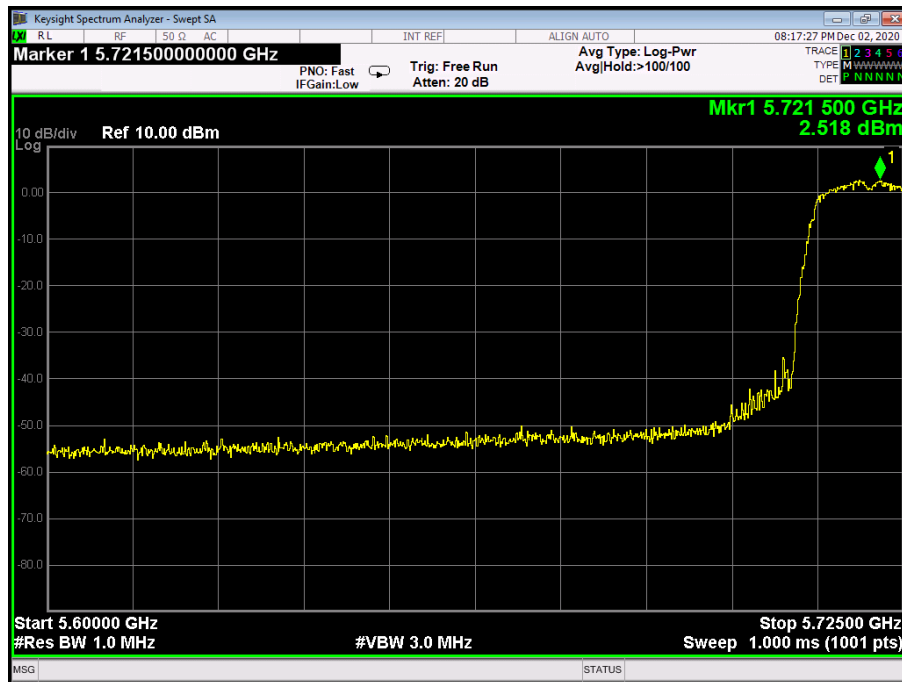


PSD NVNT ac80 5690MHz Ant1

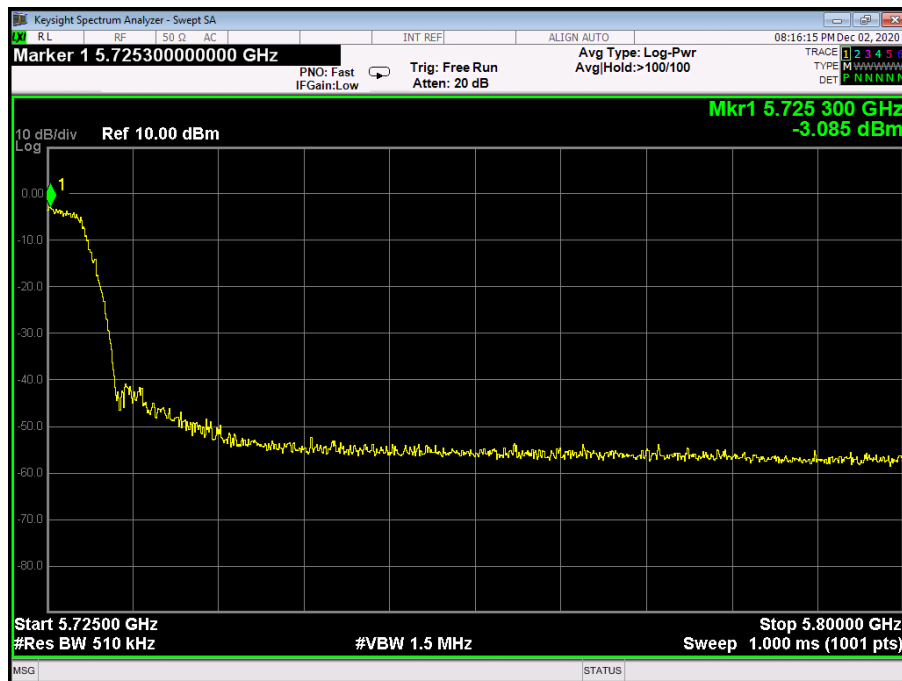


Temperature:	25 °C	Relative Humidity:		55%	
Test Voltage:	DC 3.8V				
U-NII-2C					
Test Mode	Frequency (MHz)	Power Density		Limit	
		(dBm/MHz)	(dBm/500KHz)	(dBm/MHz)	(dBm/500KHz)
802.11a 5720MHz Straddle 5.47-5.725GHz		2.518	-----	11	-----
802.11a 5720MHz Straddle 5.725-5.85GHz		-----	-3.085	-----	30
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz		2.091	-----	11	-----
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz		-----	-3.245	-----	30
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz		2.058	-----	11	-----
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz		-----	-3.469	-----	30
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz		-0.369	-----	11	-----
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz		-----	-8.005	-----	30
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz		-0.736	-----	11	-----
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz		-----	-7.669	-----	30
802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz		-3.171	-----	11	-----
802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz		-----	-11.311	-----	30
Result: PASS					
Remark: the Directional Gain=0.42dBi<6 dBi. So P _{out} =P _{limit}					
Test plots please refer to below pages:					

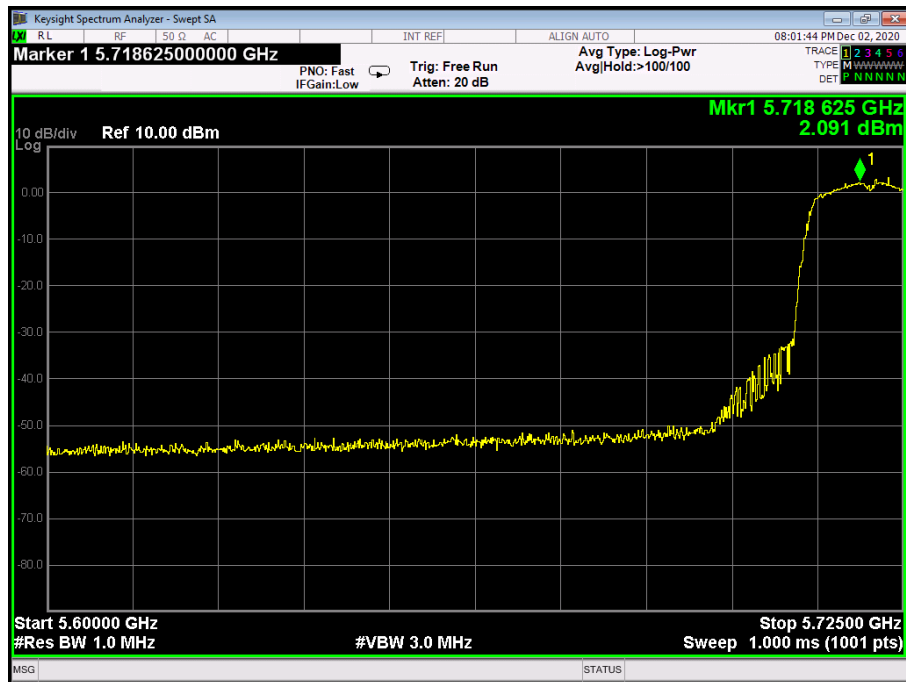
802.11a 5720MHz Straddle 5.47-5.725GHz



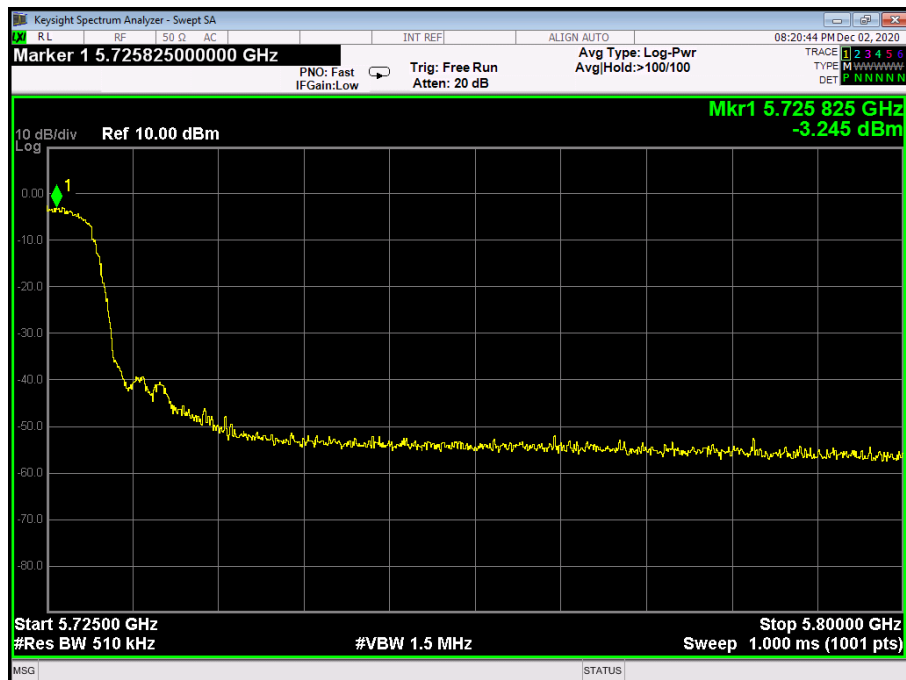
802.11a 5720MHz Straddle 5.725-5.85GHz



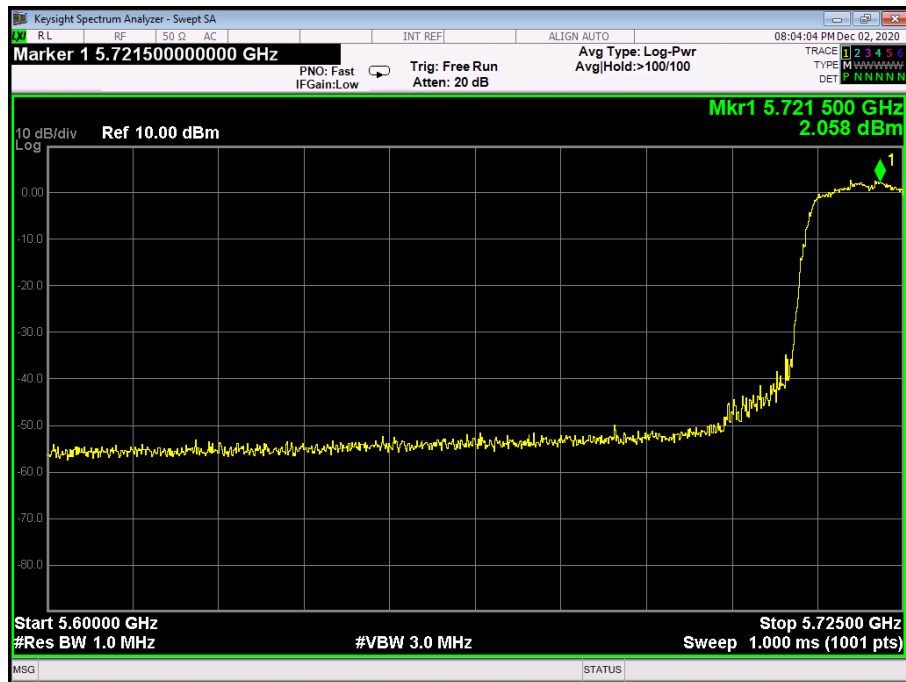
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz



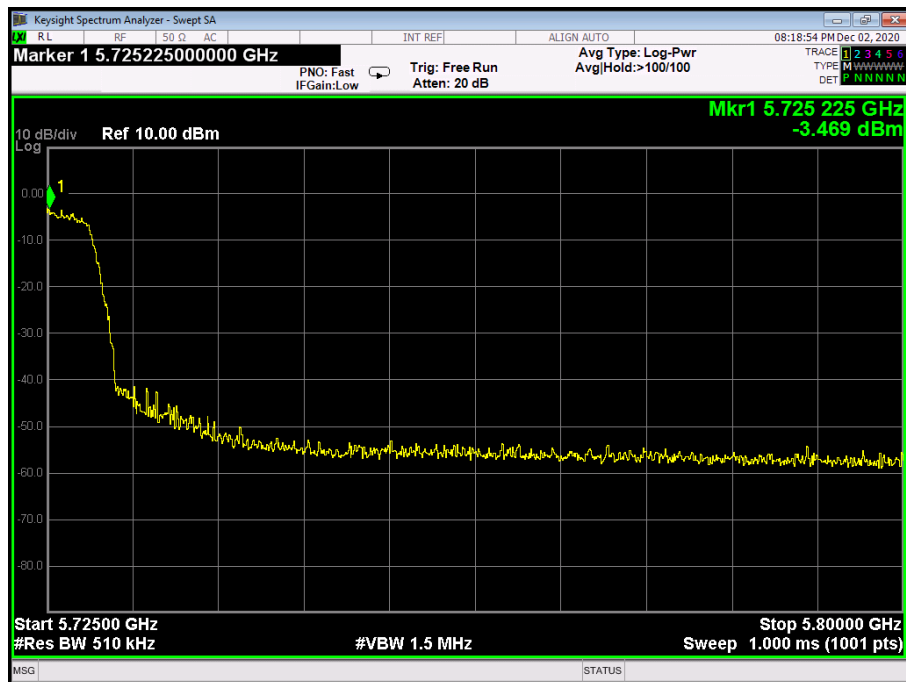
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz



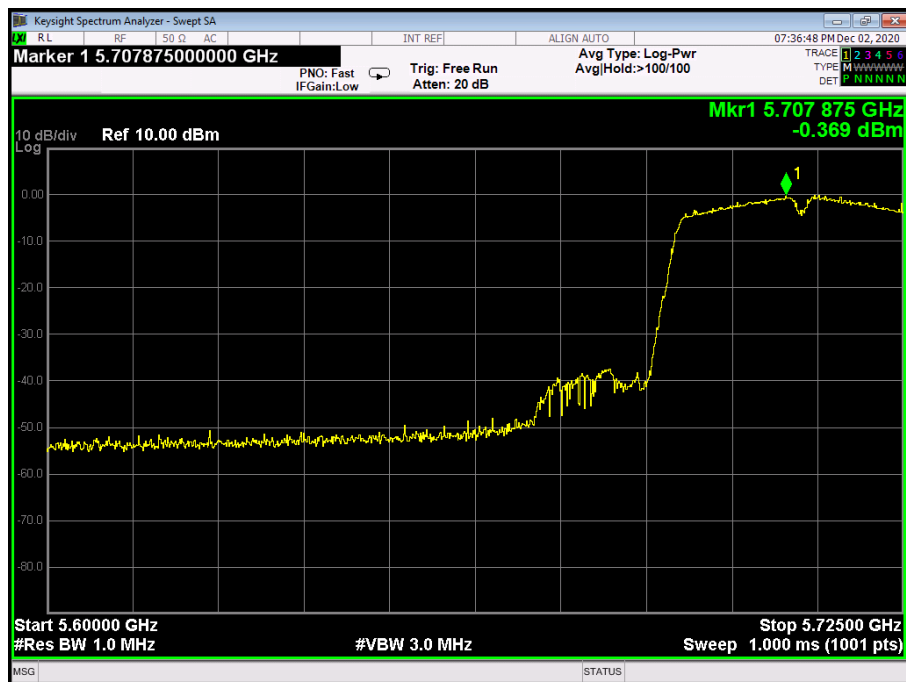
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz



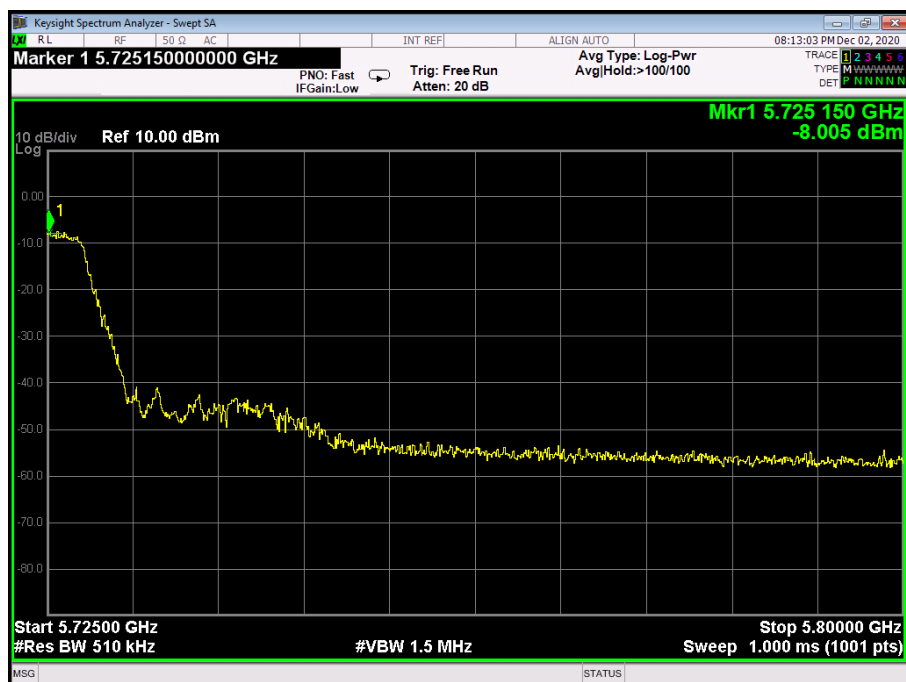
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz



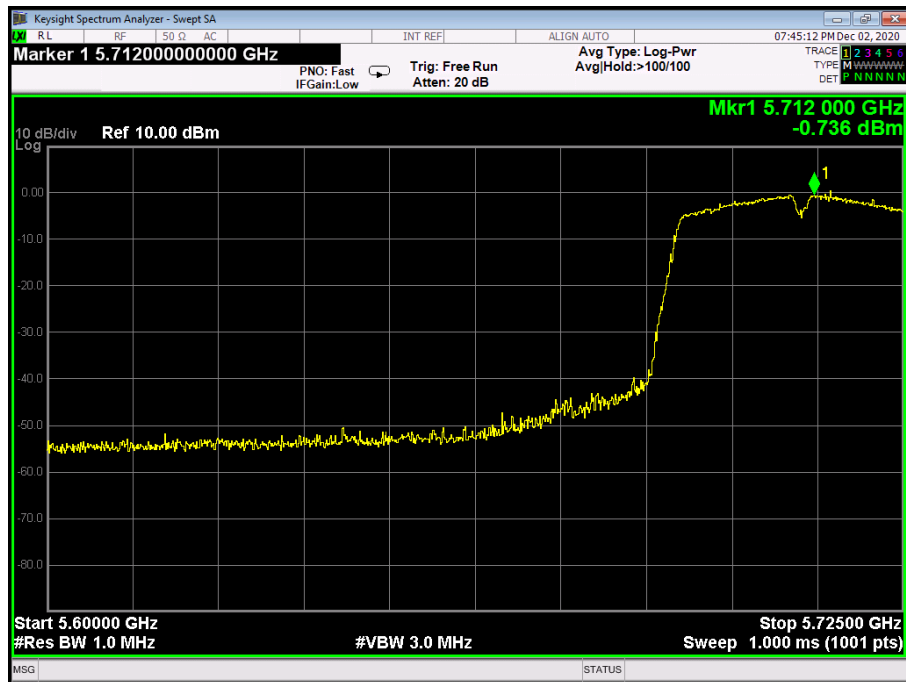
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz



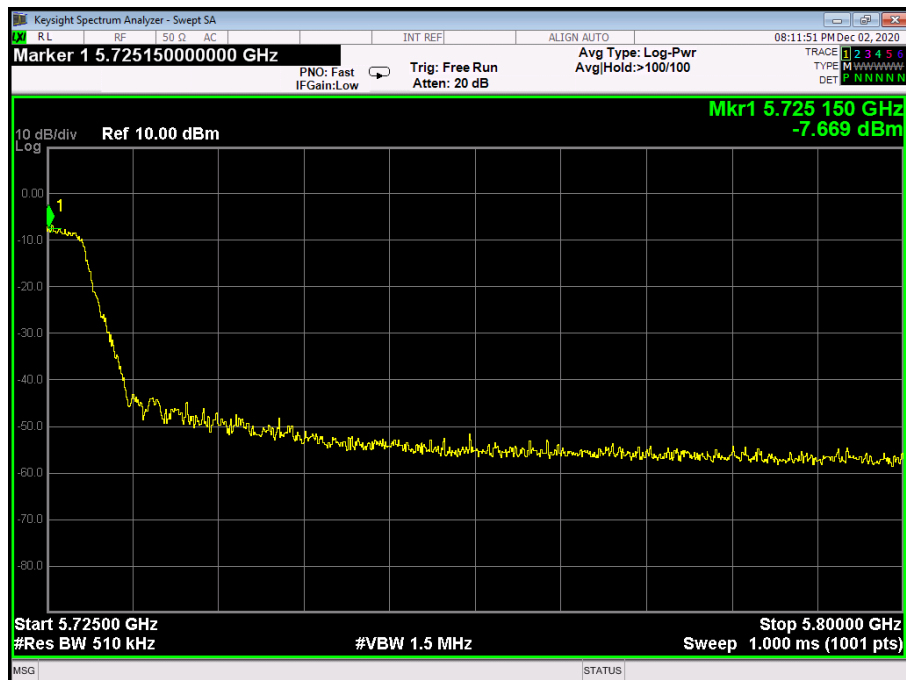
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz



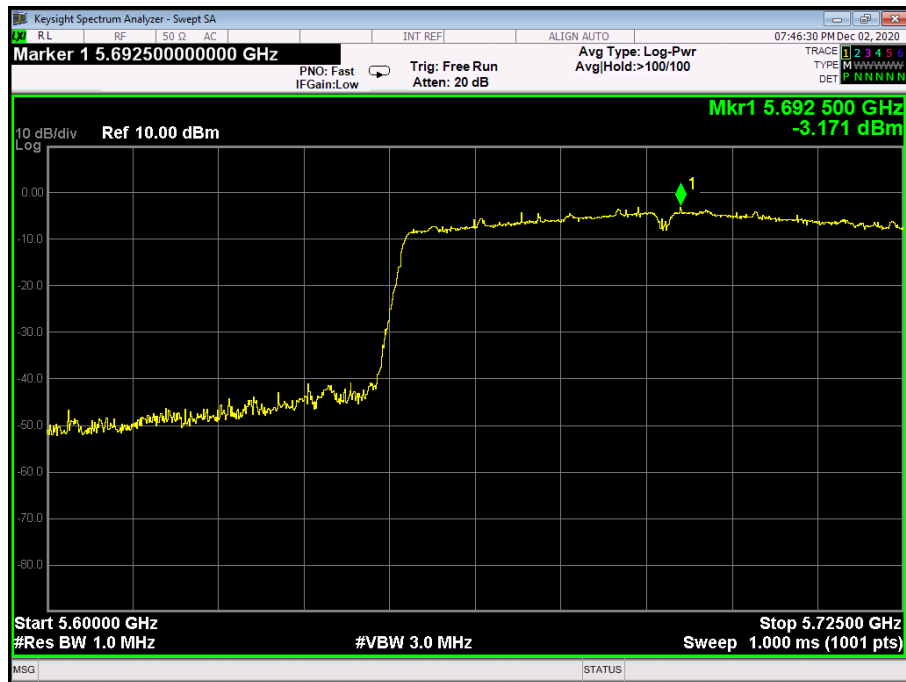
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz



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



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

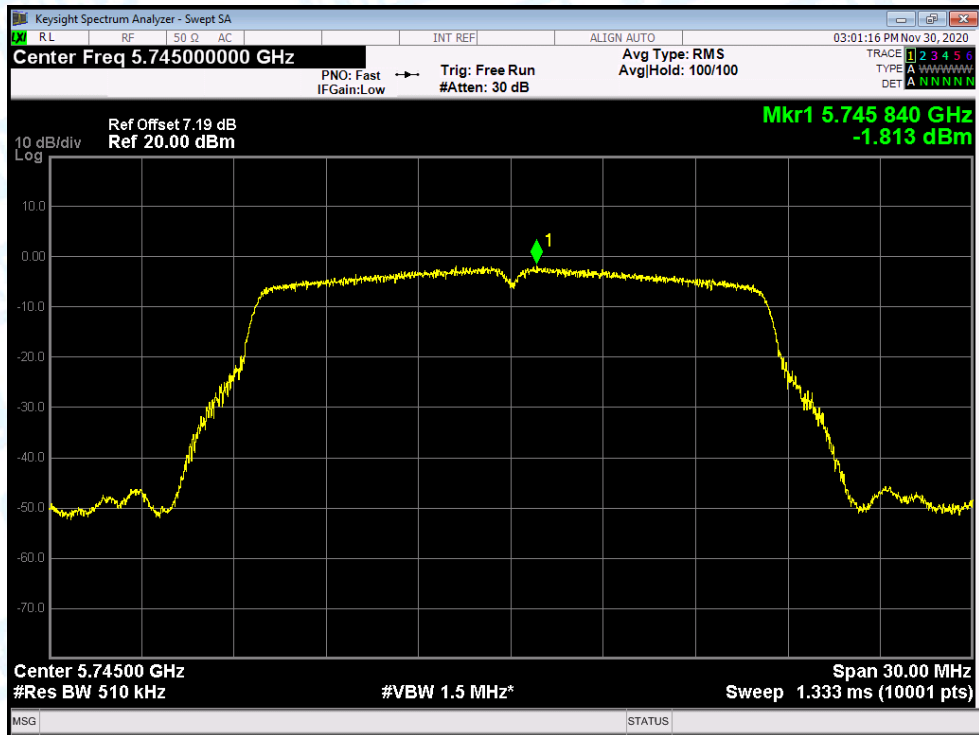


802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz

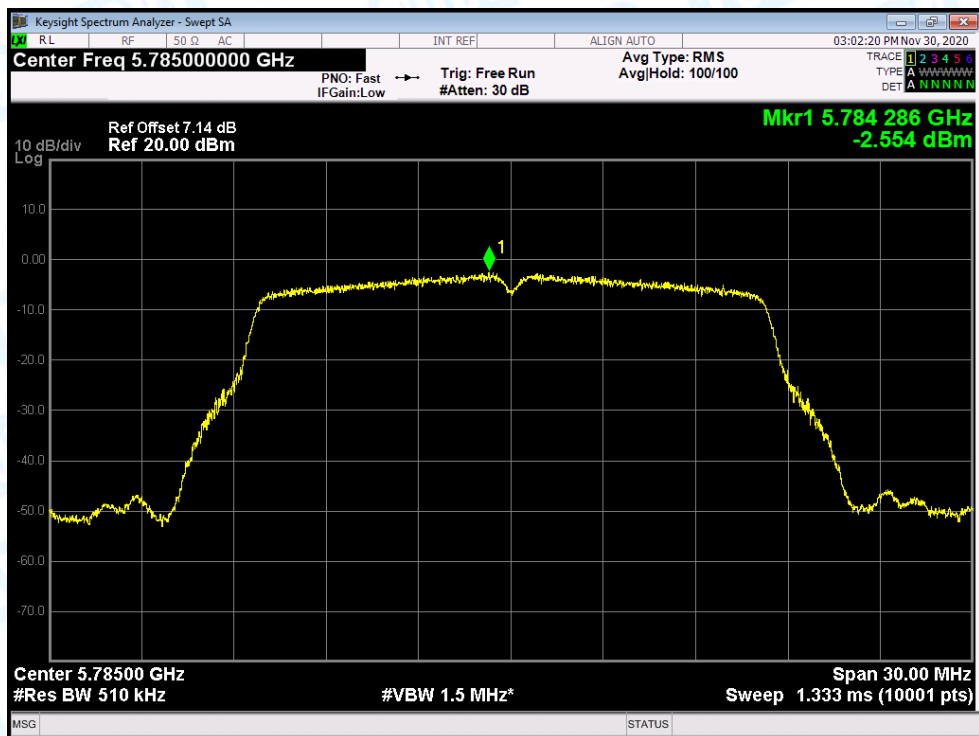


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
U-NII-3			
Test Mode	Frequency (MHz)	Test Data	Limit (dBm/500KHz)
		Power Density (dBm/500KHz)	
802.11a	5745	-1.813	30
	5785	-2.554	
	5825	-3.020	
802.11n (HT20)	5745	-2.390	
	5785	-2.747	
	5825	-3.330	
802.11ac (VHT20)	5745	-2.219	
	5785	-2.676	
	5825	-3.321	
802.11n (HT40)	5755	-5.080	
	5795	-5.778	
802.11ac(VHT40)	5755	-5.246	
	5795	-6.082	
802.11ac(VHT80)	5775	-9.395	
Result: PASS			
Remark: the Directional Gain=0.42dBi<6 dBi. So $P_{out} = P_{limit}$			
Test plots please refer to below pages:			

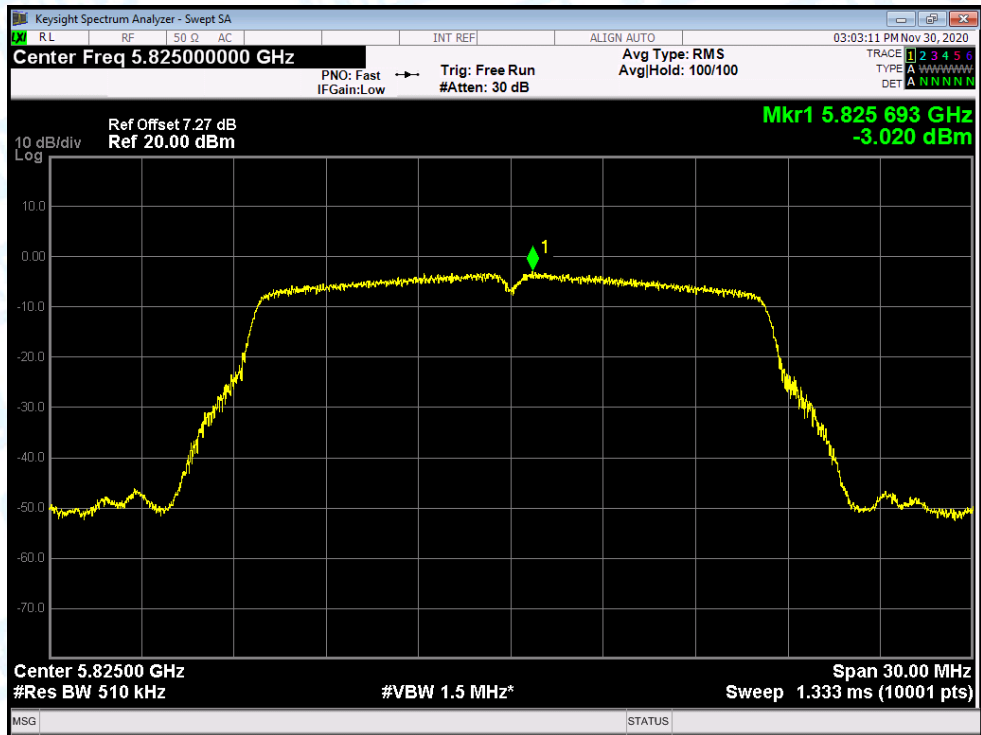
PSD NVNT a 5745MHz Ant1



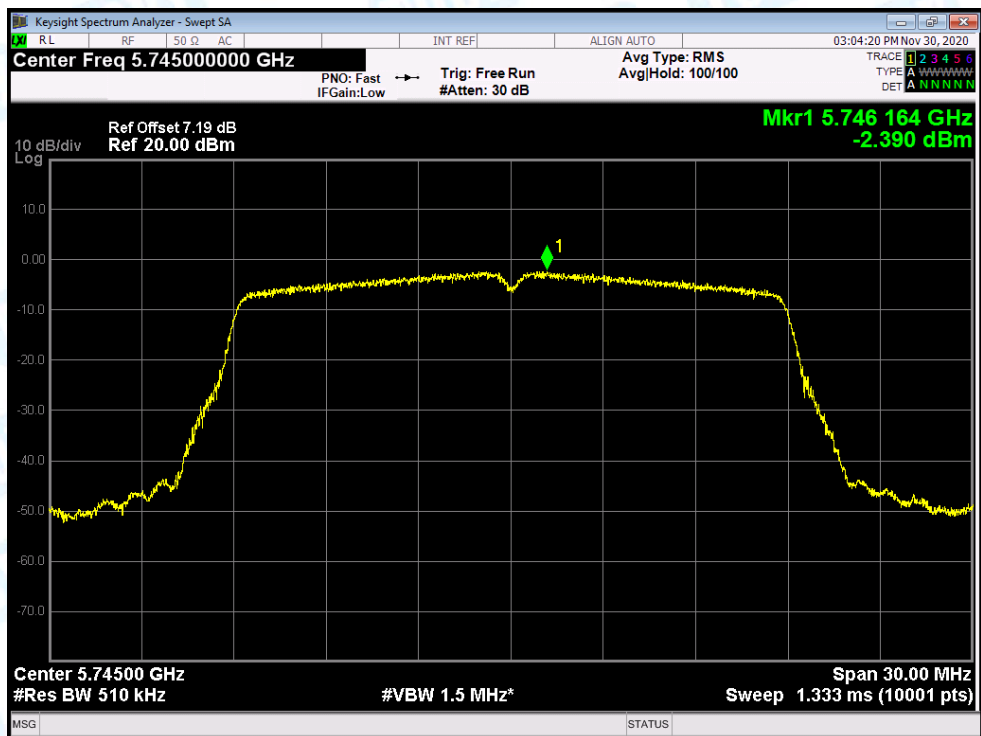
PSD NVNT a 5785MHz Ant1



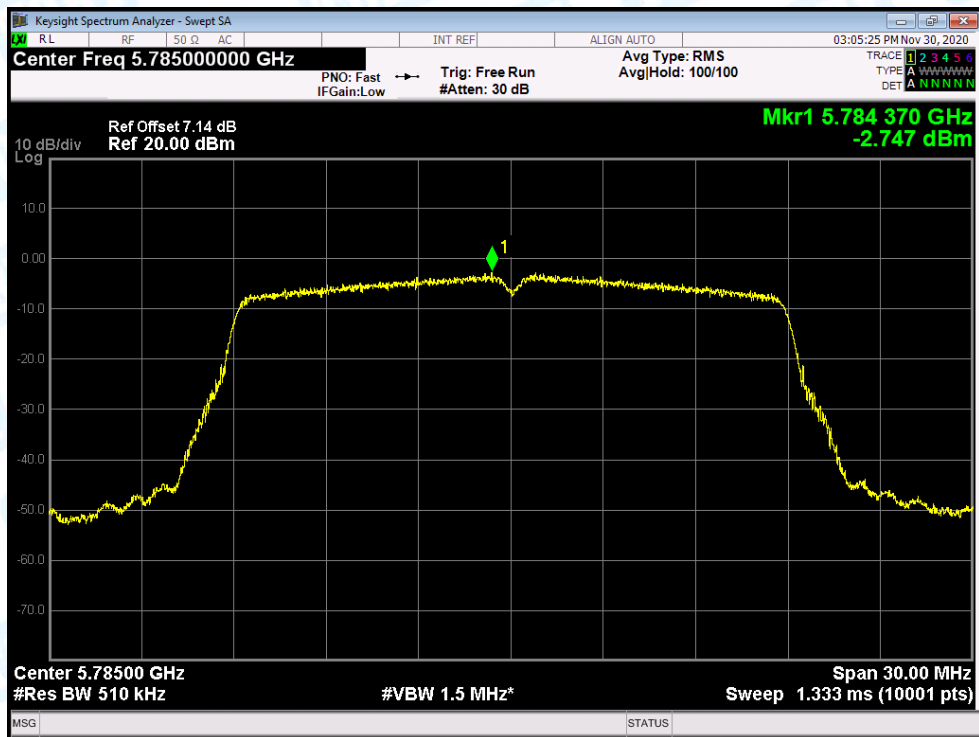
PSD NVNT a 5825MHz Ant1



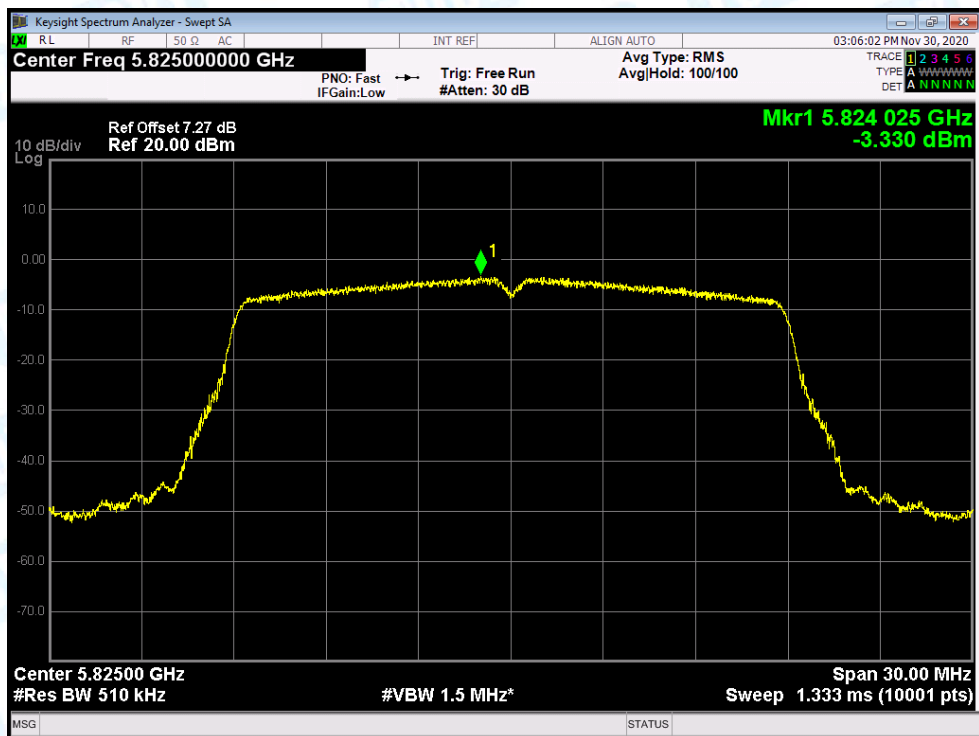
PSD NVNT n20 5745MHz Ant1



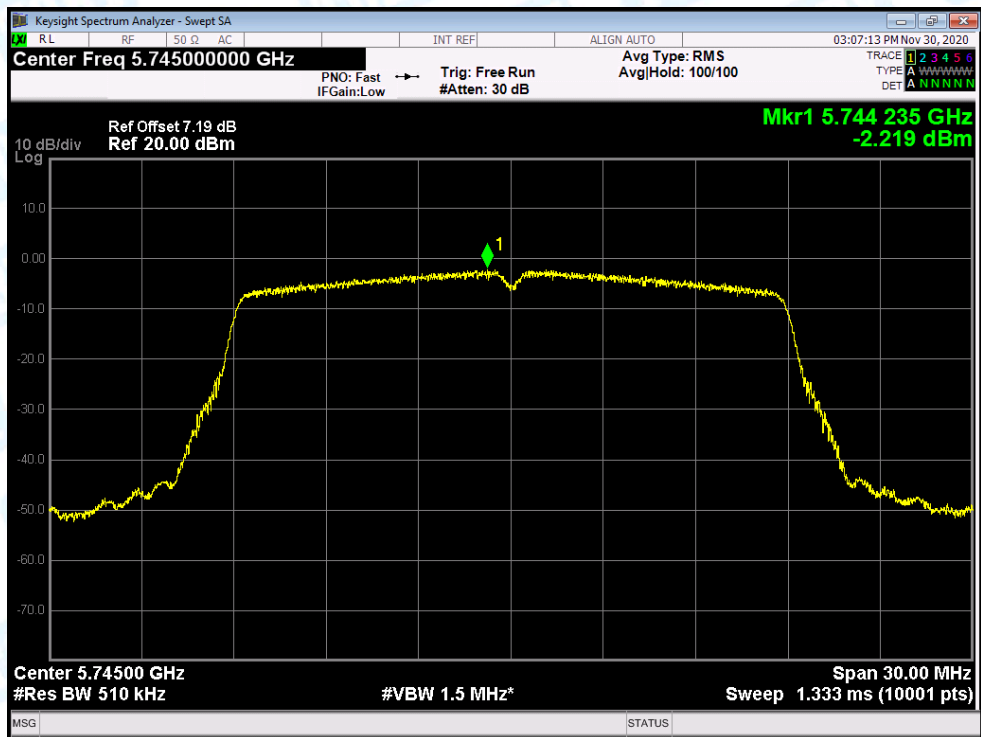
PSD NVNT n20 5785MHz Ant1



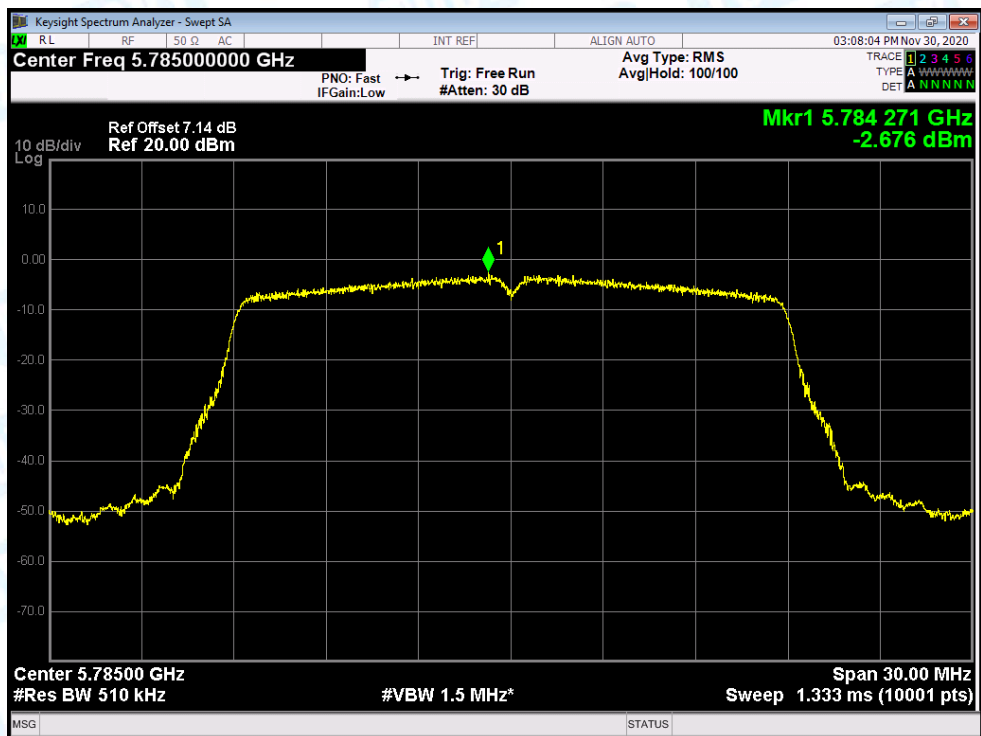
PSD NVNT n20 5825MHz Ant1



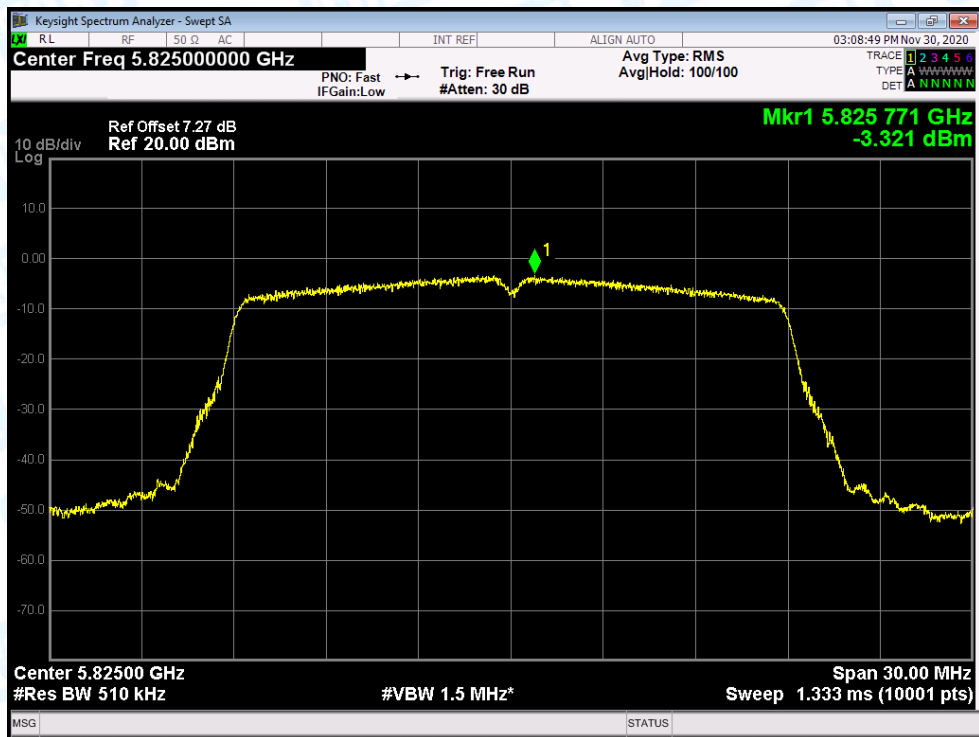
PSD NVNT ac20 5745MHz Ant1



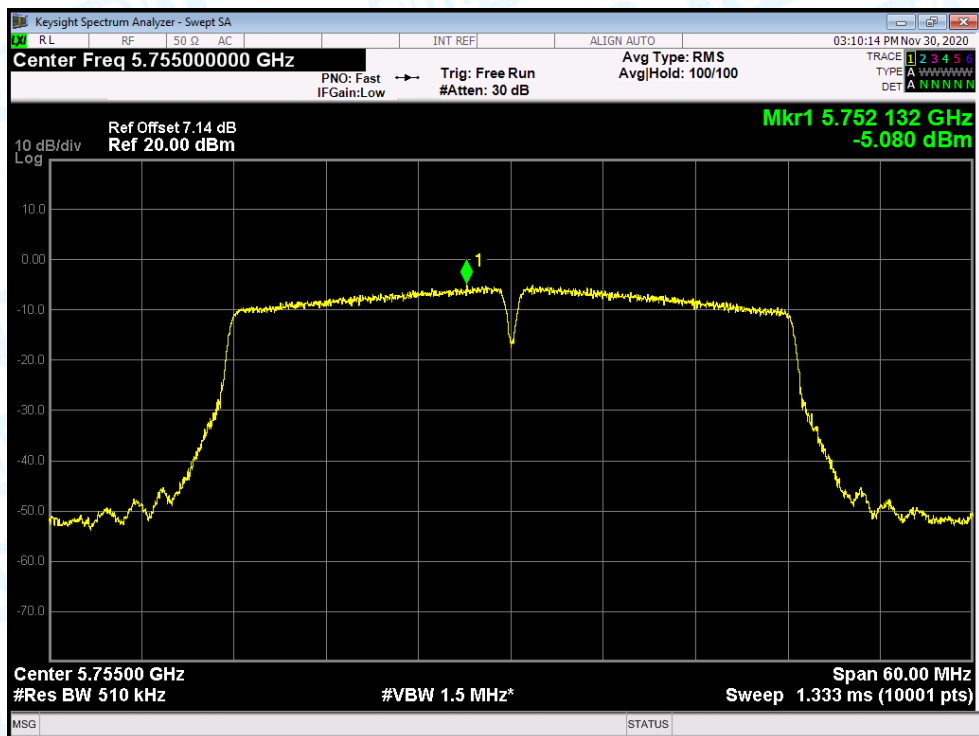
PSD NVNT ac20 5785MHz Ant1



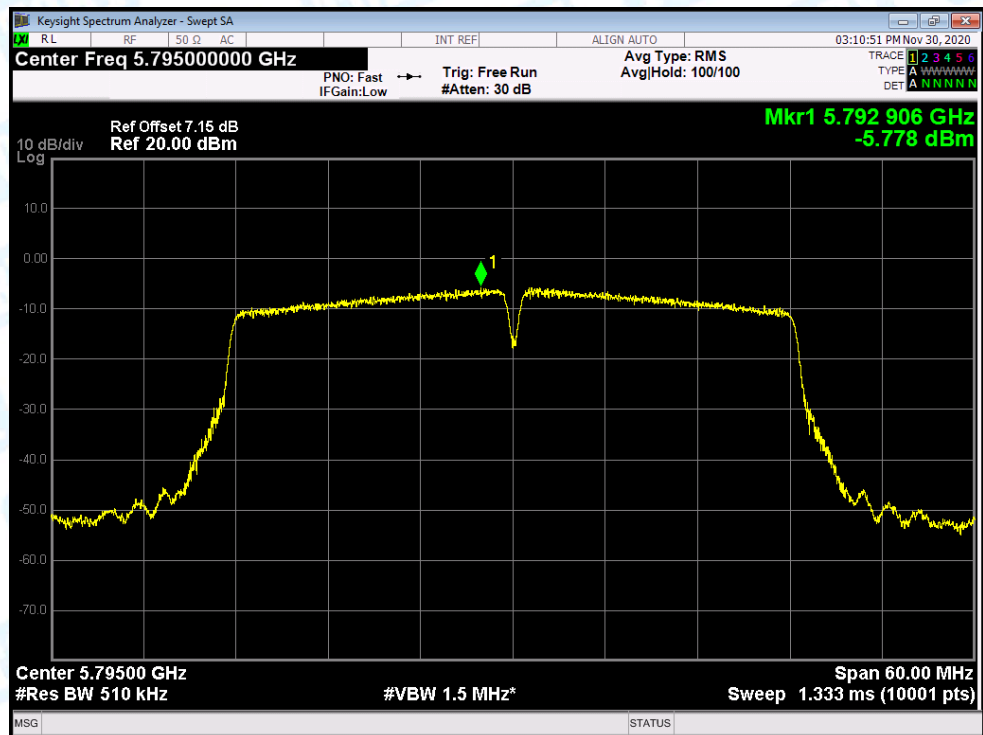
PSD NVNT ac20 5825MHz Ant1



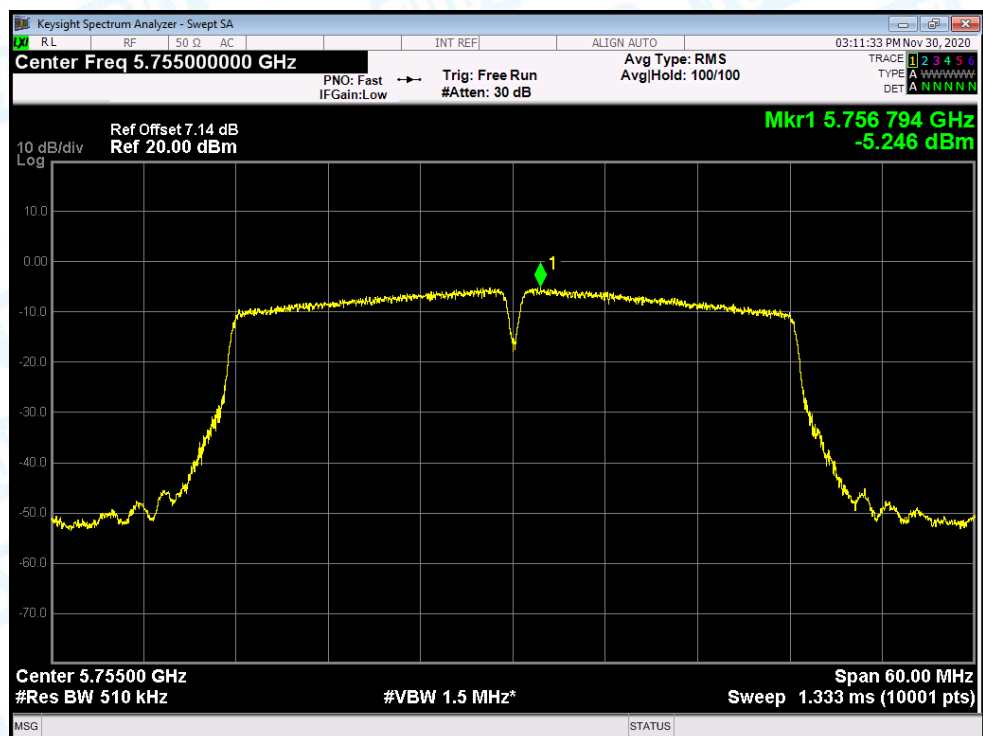
PSD NVNT n40 5755MHz Ant1



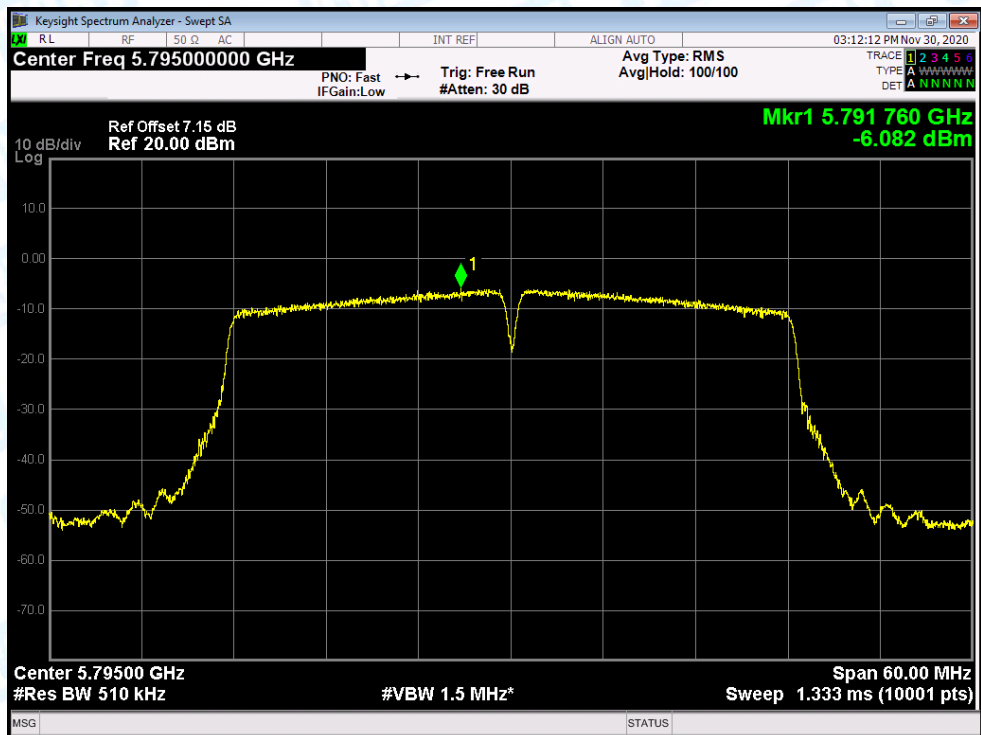
PSD NVNT n40 5795MHz Ant1



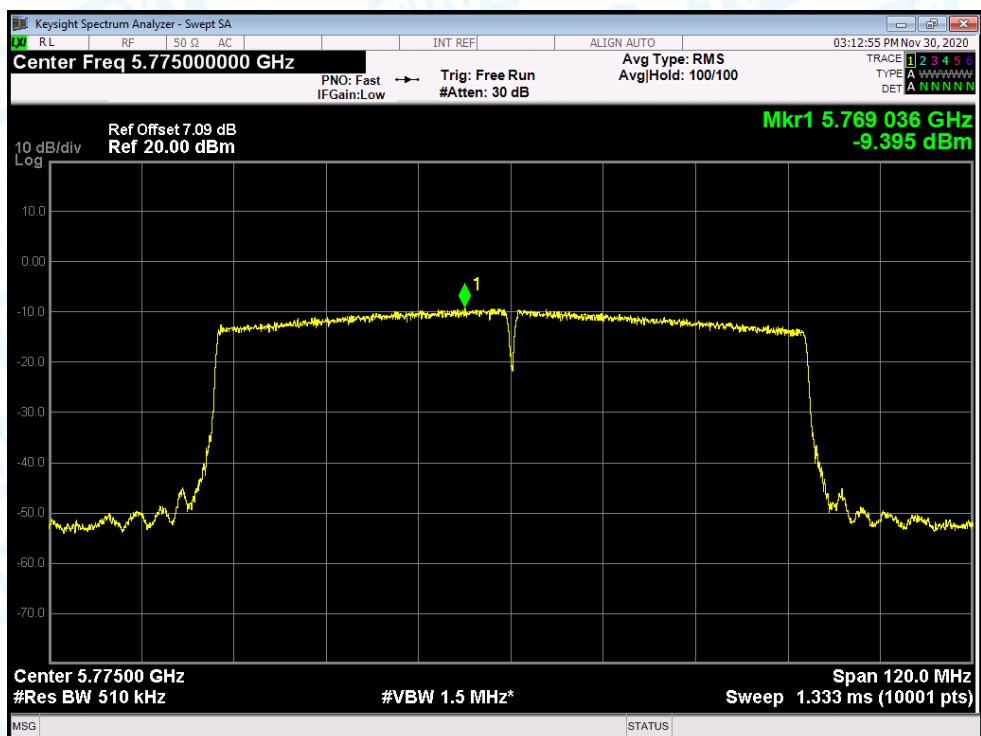
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



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)
4.5	5180.0400
5	5180.0000
5.5	5180.0100
Limit Range (MHz)	5150-5250
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5180.0200
10	5180.0200
20	5180.0000
30	5180.0100
40	5180.0600
50	5180.0400
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)
4.5	5280.0100
5	5280.0200
5.5	5280.0400
Limit Range (MHz)	5250-5350
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5280.0200
10	5280.0300
20	5280.0200
30	5280.0100
40	5280.0400
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)
4.5	5500.0100
5	5500.0000
5.5	5500.0200
Limit Range (MHz)	5470-5725
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5500.0400
10	5500.0200
20	5500.0200
30	5500.0400
40	5500.0300
50	5500.0200
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)
4.5	5745.0400
5	5745.0200
5.5	5744.0200
Limit Range (MHz)	5725-5850
Result	PASS
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5745.0300
10	5745.0400
20	5745.0200
30	5745.0200
40	5745.0300
50	5745.0100
Limit Range (MHz)	5725-5850
Result	PASS

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