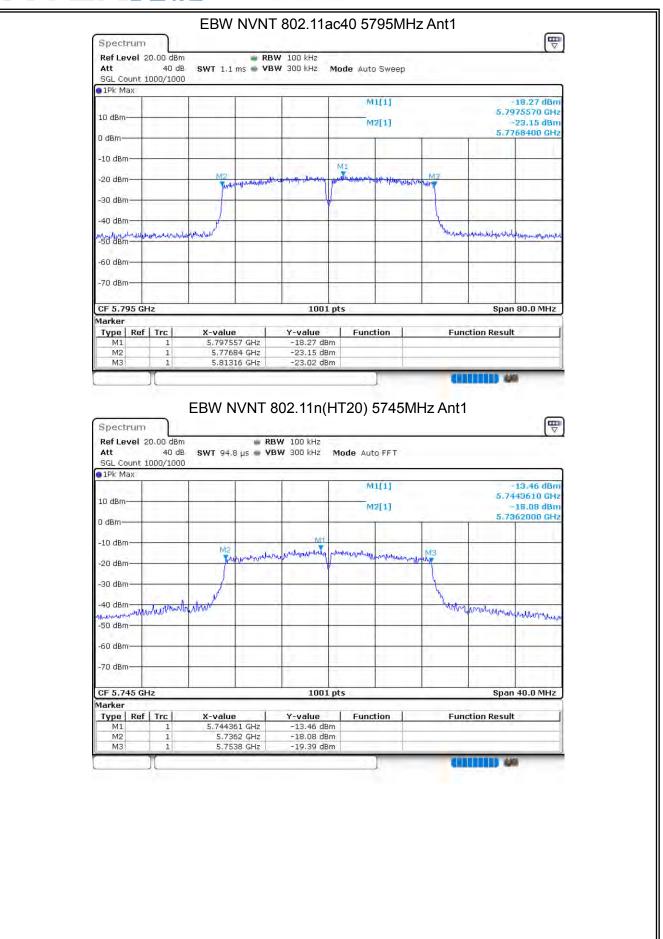


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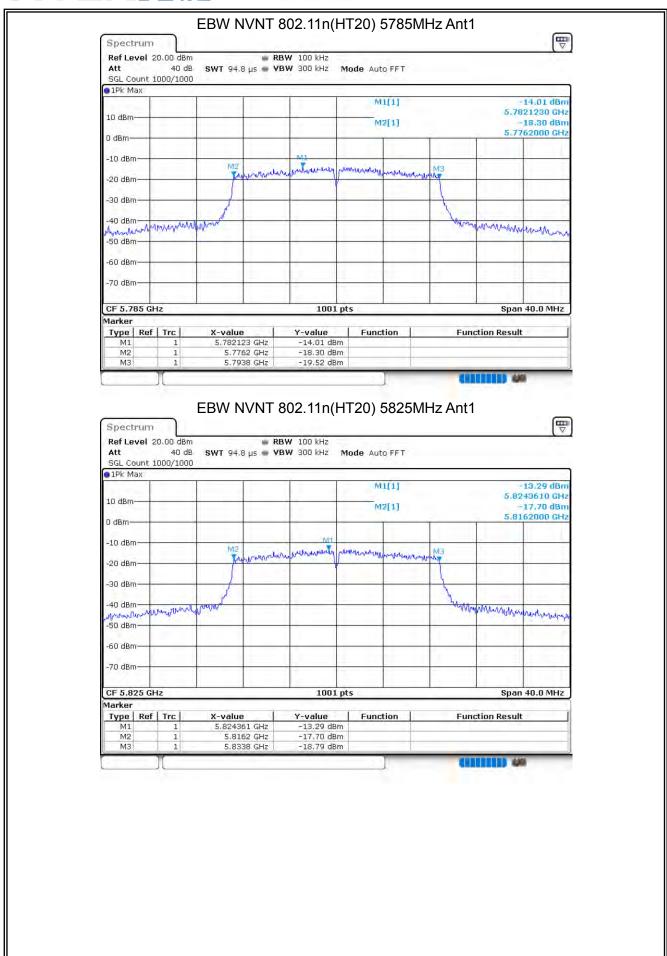




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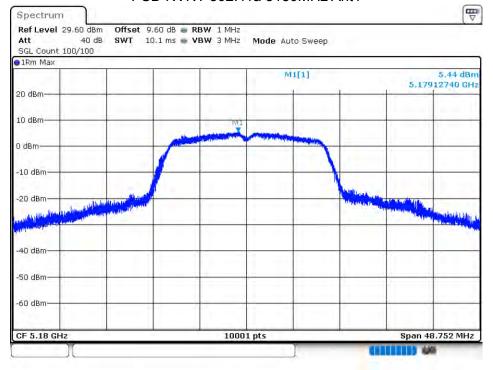




5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency	Antenna	Max PSD	Limit	Verdict
		(MHz)		(dBm)	(dBm)	
NVNT	802.11a	5180	Ant 1	5.441	11	Pass
NVNT	802.11a	5200	Ant 1	4.831	11	Pass
NVNT	802.11a	5240	Ant 1	5.349	11	Pass
NVNT	802.11ac20	5180	Ant 1	4.573	11	Pass
NVNT	802.11ac20	5200	Ant 1	4.154	11	Pass
NVNT	802.11ac20	5240	Ant 1	4.929	11	Pass
NVNT	802.11ac40	5190	Ant 1	1.076	11	Pass
NVNT	802.11ac40	5230	Ant 1	1.289	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	5.209	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	4.835	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	5.155	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	1.96	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	2.735	11	Pass

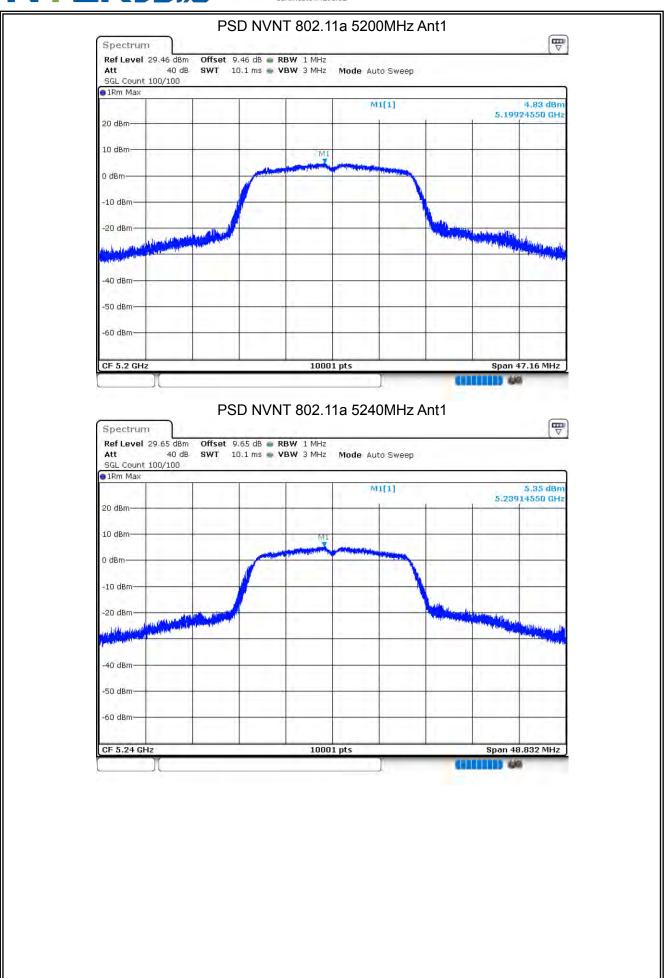
PSD NVNT 802.11a 5180MHz Ant1



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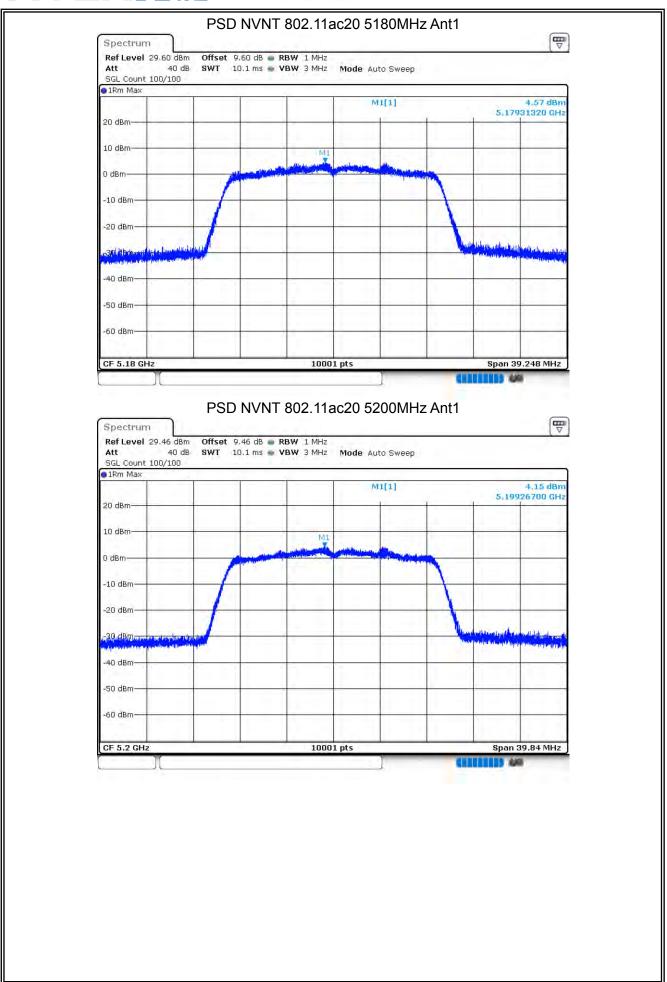




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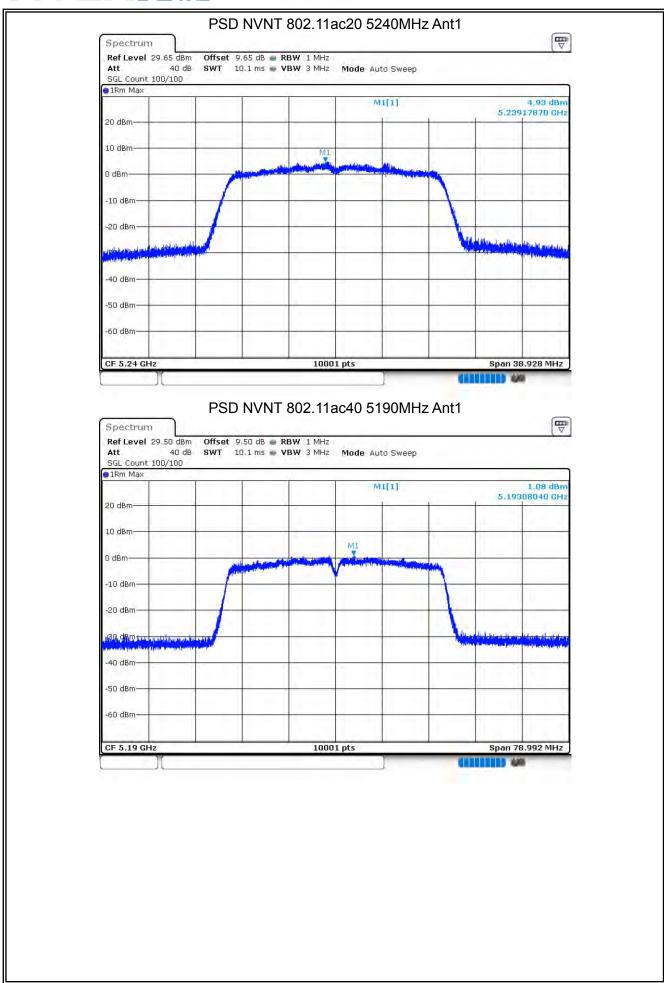




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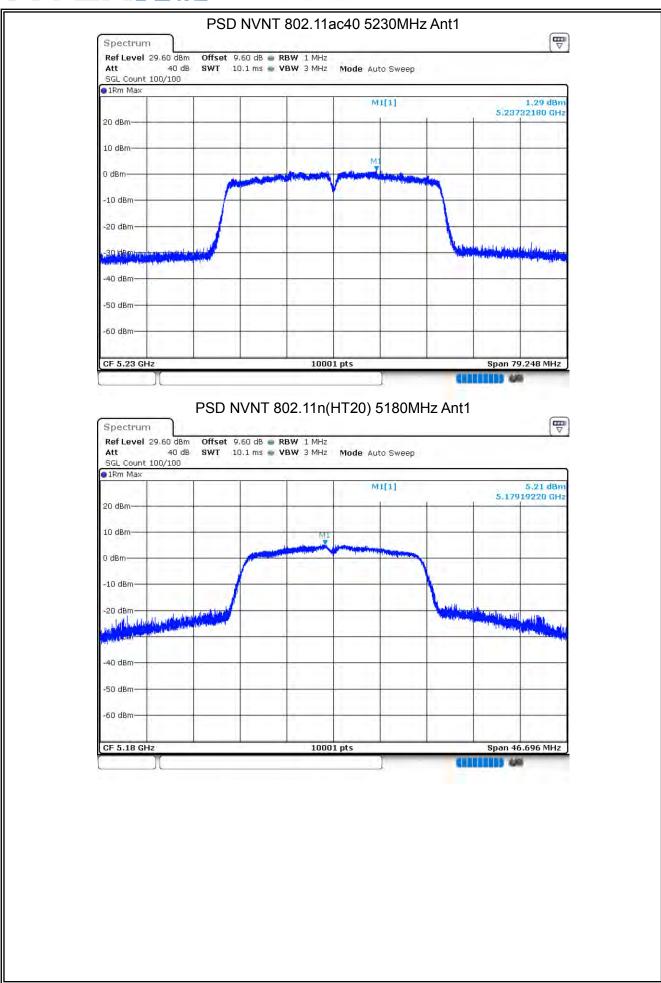




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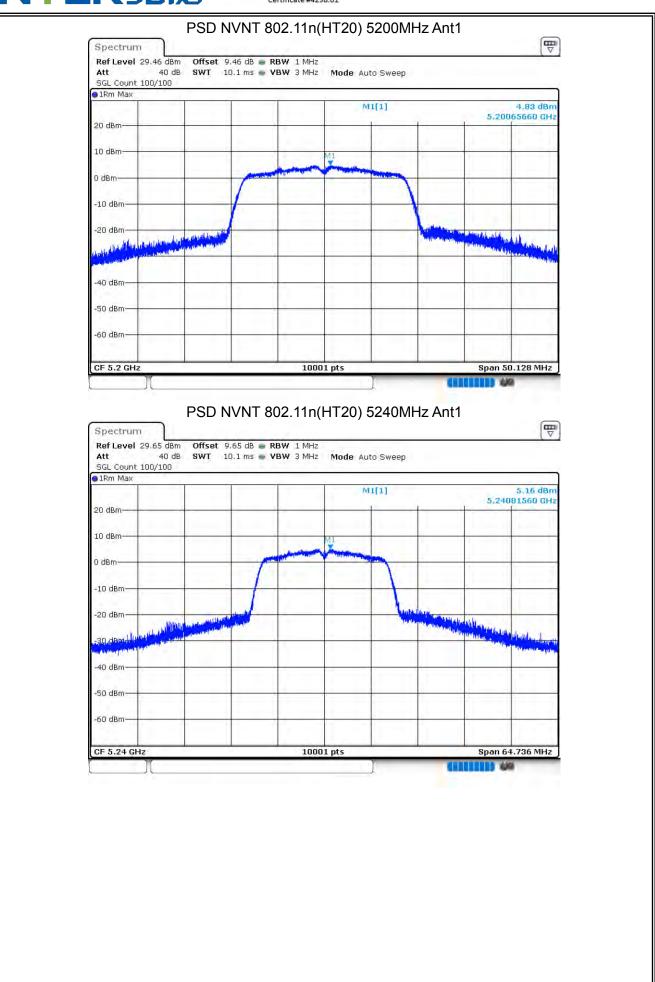




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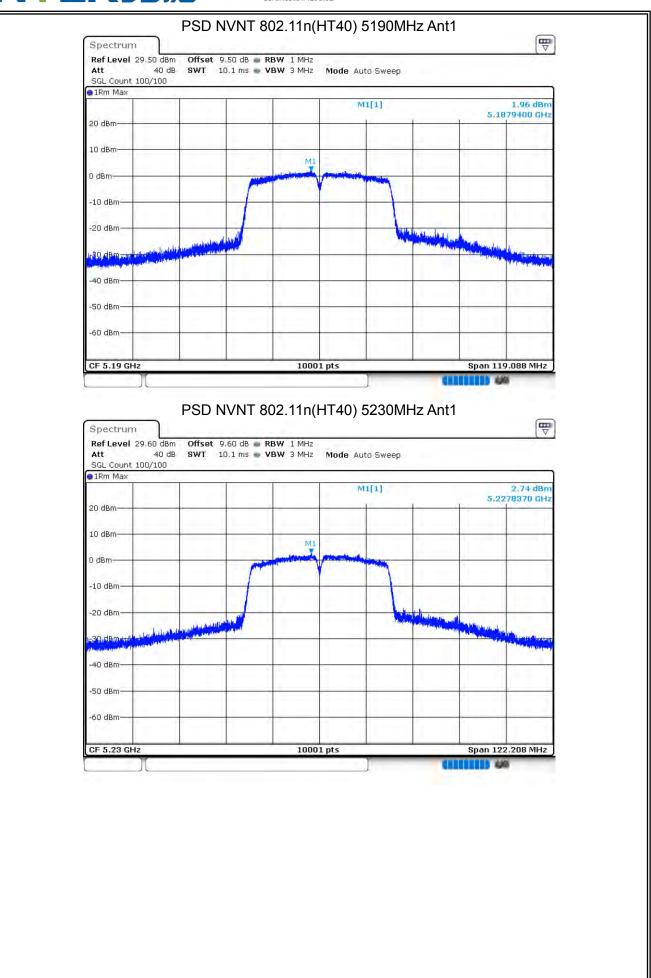




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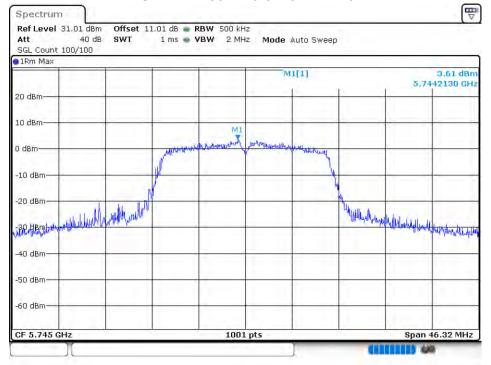






Condition	Mode	Frequency	Antenna	Max PSD	Limit	Verdict
		(MHz)		(dBm)	(dBm)	
NVNT	802.11a	5745	Ant 1	3.612	30	Pass
NVNT	802.11a	5785	Ant 1	3.519	30	Pass
NVNT	802.11a	5825	Ant 1	4.313	30	Pass
NVNT	802.11ac20	5745	Ant 1	2.647	30	Pass
NVNT	802.11ac20	5785	Ant 1	2.257	30	Pass
NVNT	802.11ac20	5825	Ant 1	2.841	30	Pass
NVNT	802.11ac40	5755	Ant 1	-0.892	30	Pass
NVNT	802.11ac40	5795	Ant 1	-0.88	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	4.609	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	3.159	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	5.039	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	0.127	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-0.091	30	Pass

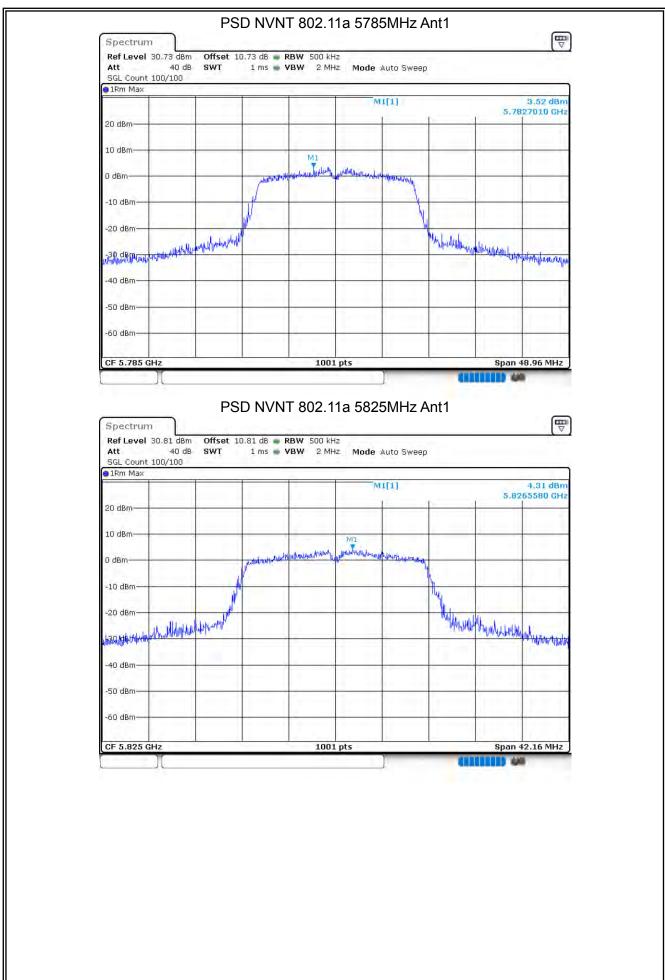
PSD NVNT 802.11a 5745MHz Ant1



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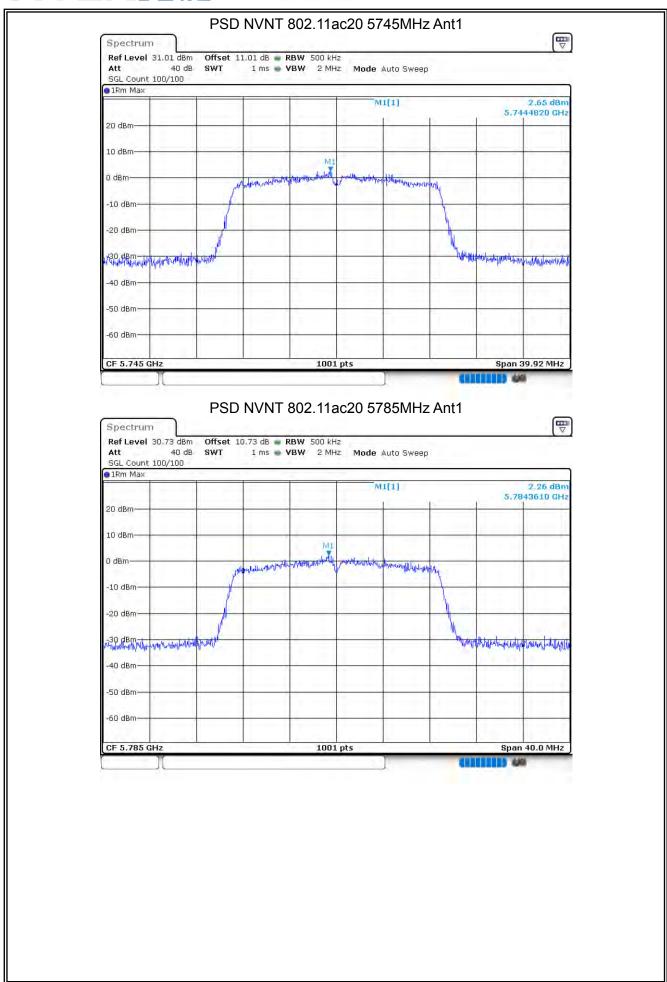




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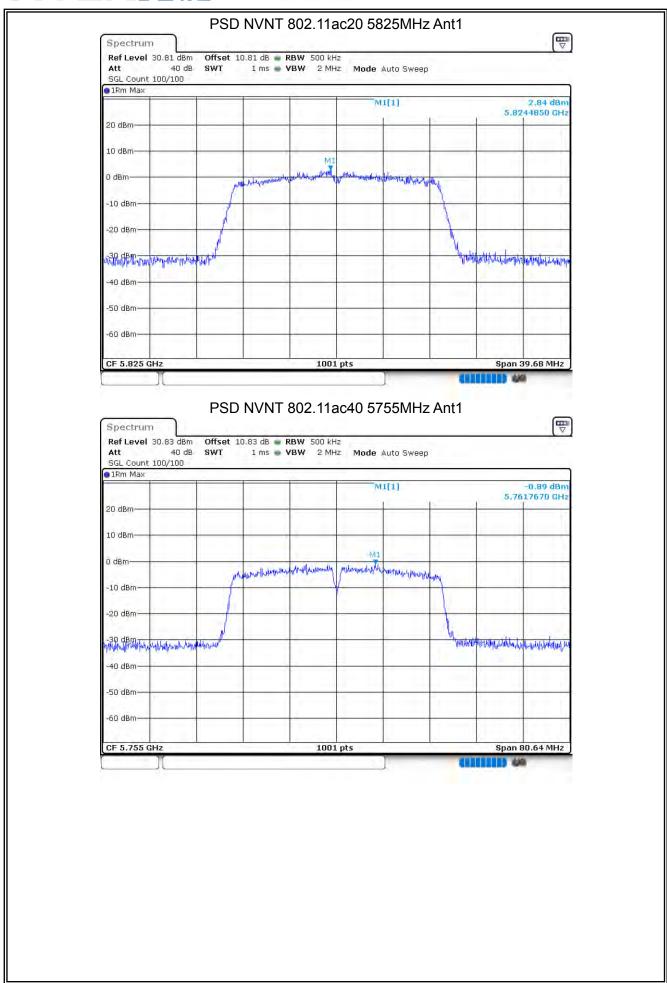




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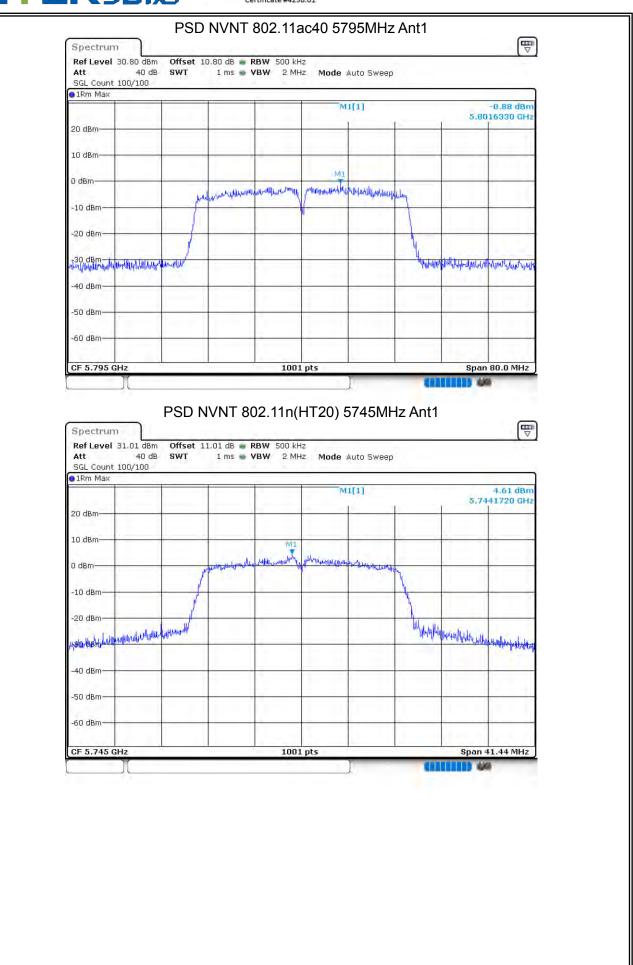




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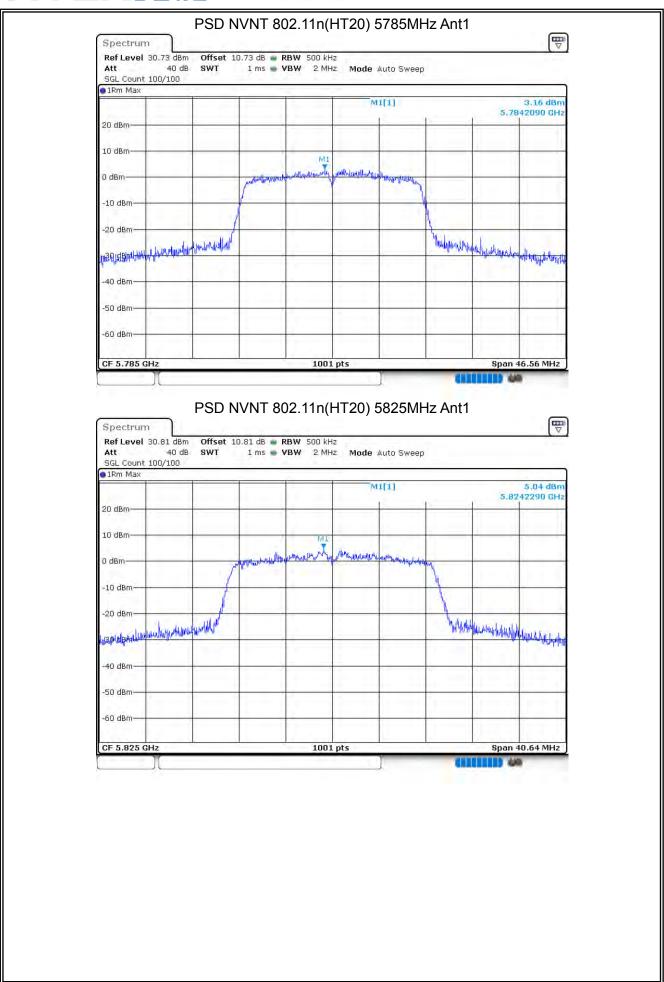




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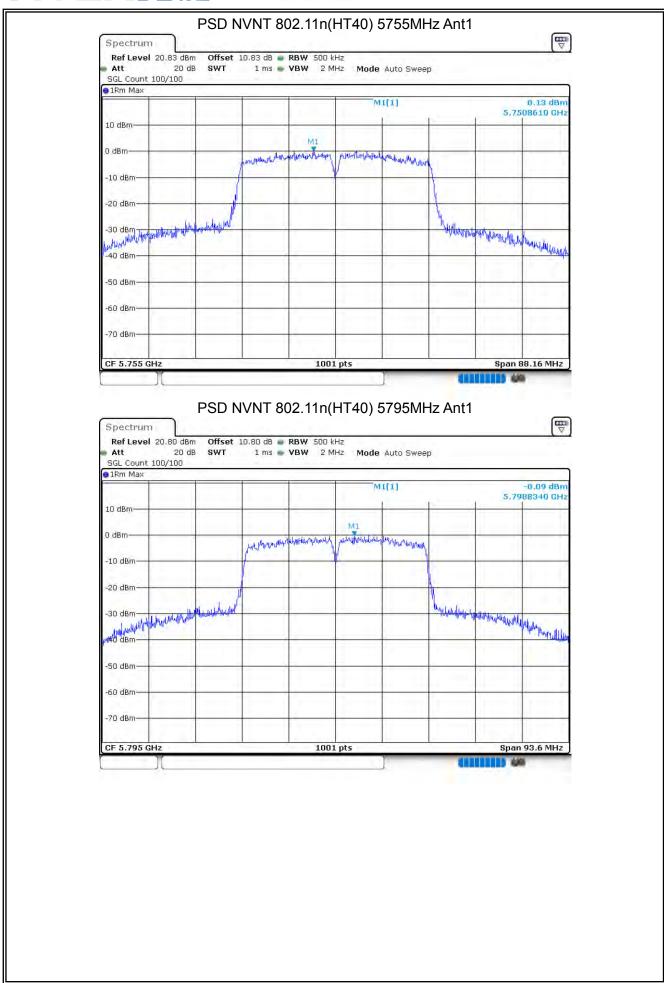




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-47.31

-27

Pass



802.11n(HT40)

NVNT

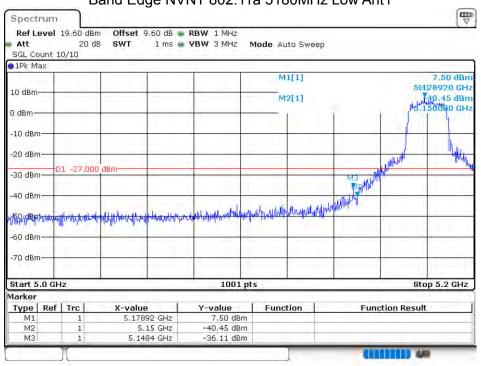


5.6 BAND EDGE Condition Mode Frequency Max Value Verdict Antenna Limit (MHz) (dBm) (dBm) **NVNT** 802.11a 5180 -36.11 -27 Pass Ant 1 **NVNT** 802.11a -46.09 -27 **Pass** 5240 Ant 1 802.11ac20 -27 **Pass NVNT** 5180 Ant 1 -42.47802.11ac20 -47.28 -27 **Pass NVNT** 5240 Ant 1 **NVNT** 802.11ac40 5190 Ant 1 -41.3 -27 **Pass** -27 **NVNT** 802.11ac40 -47.54**Pass** 5230 Ant 1 **NVNT** 802.11n(HT20) 5180 Ant 1 -37.59 -27 **Pass NVNT** 802.11n(HT20) 5240 Ant 1 -46.84-27 **Pass NVNT** 802.11n(HT40) 5190 -32.13-27 **Pass** Ant 1

Band Edge NVNT 802.11a 5180MHz Low Ant1

Ant 1

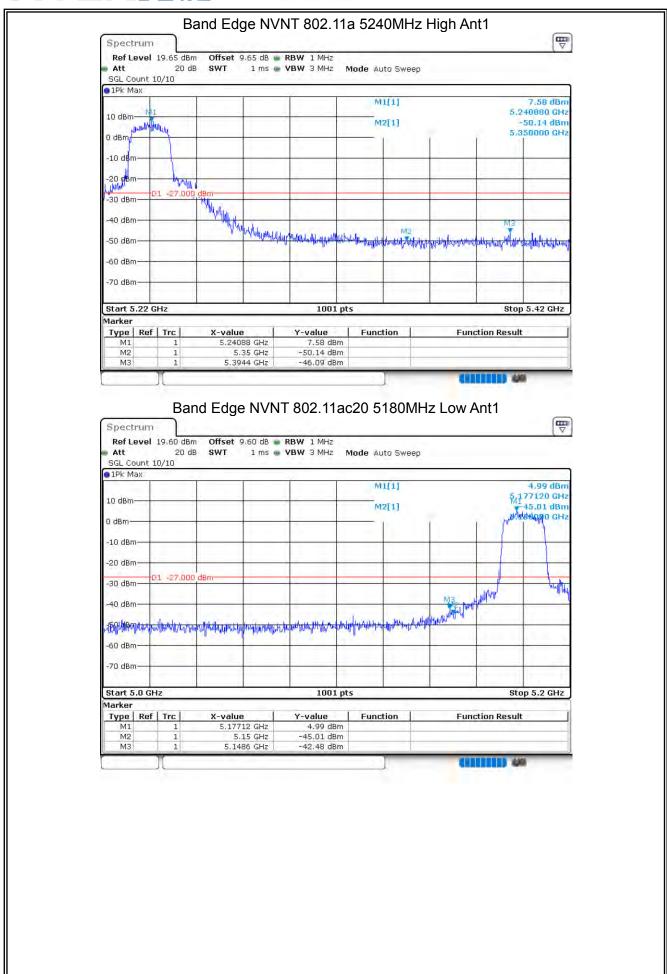
5230



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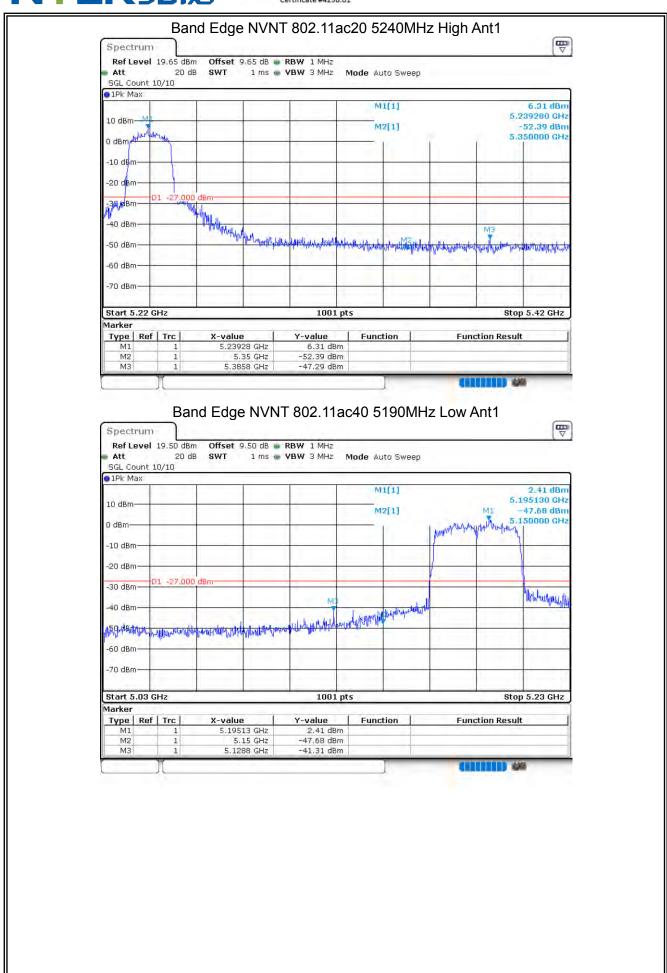




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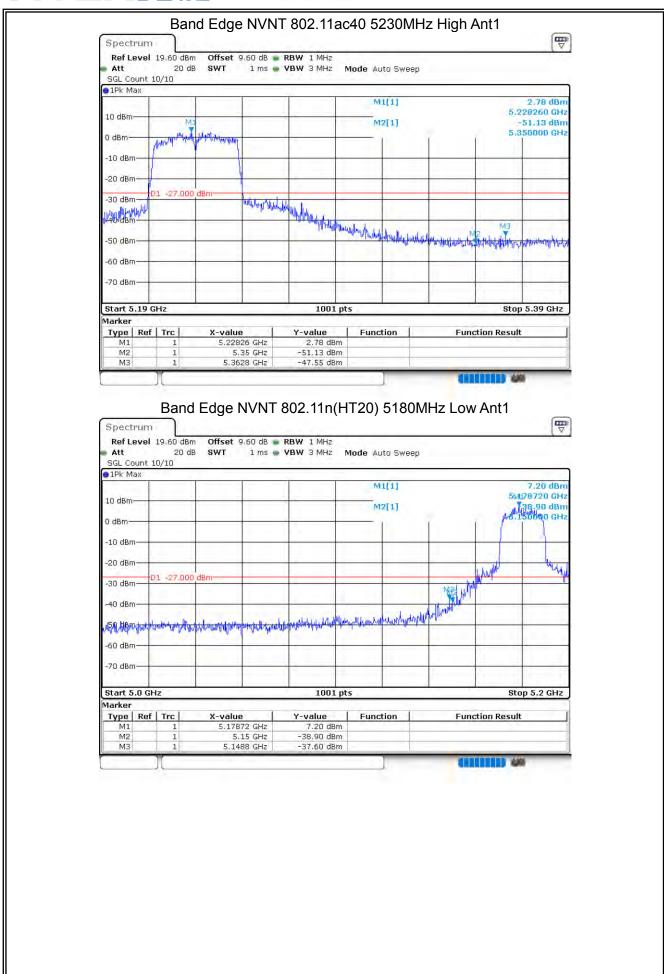




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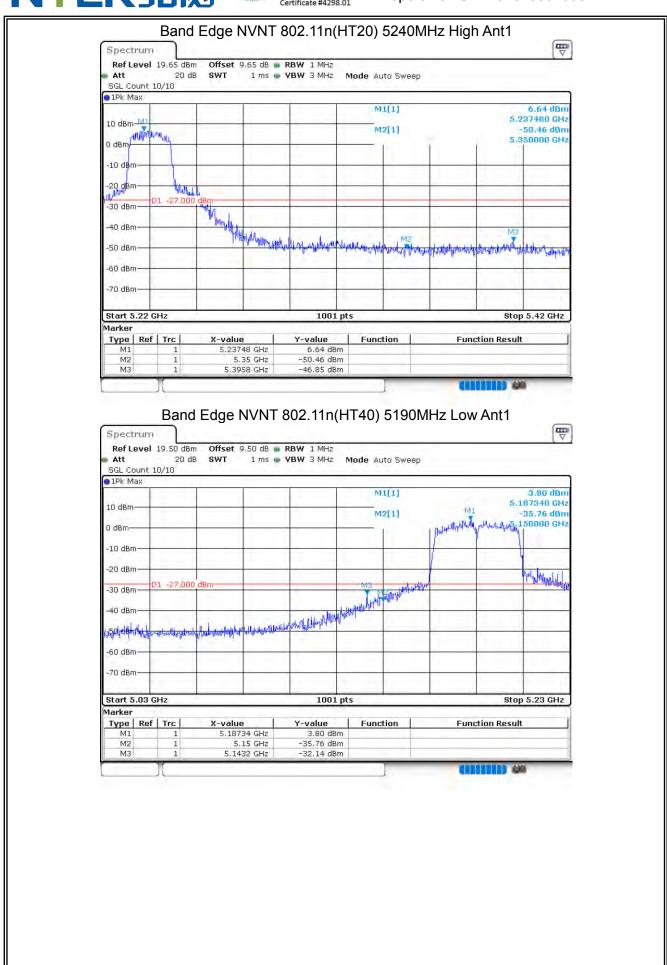




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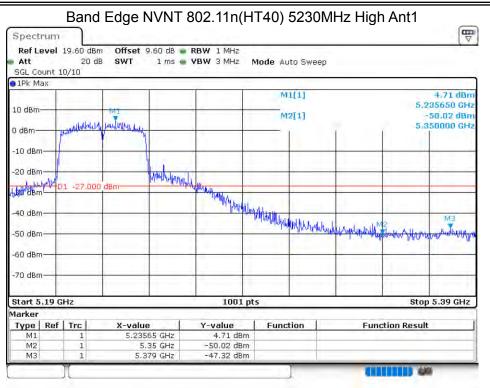


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Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-25.84	Pass
NVNT	802.11a	5825	Ant 1	-28.4	Pass
NVNT	802.11ac20	5745	Ant 1	-29.96	Pass
NVNT	802.11ac20	5825	Ant 1	-32.34	Pass
NVNT	802.11ac40	5755	Ant 1	-27.67	Pass
NVNT	802.11ac40	5795	Ant 1	-32.75	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-21.13	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-30.98	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-20.8	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-31.31	Pass

Band Edge NVNT 802.11a 5745MHz Low Ant1 Spectrum Ref Level 33,01 dBm Offset 13.01 dB - RBW 1 MHz Att 30 dB SWT 1 ms w VBW 3 MHz Mode Auto Sweep SGL Count 100/100 ■ 1Pk Max -M1[1] 9.64 dBn Line FCC_band4 PASS 5.746120 GHz M2[1] -27.53 dBn 20 dBm 5.725000 GH: 0 dBm -10 dBm -20 dBm -60 dBm Stop 5.765 GHz Start 5.565 GHz 1001 pts 1arker Y-value Function **Function Result** Type | Ref | Trc | X-value 5.74612 GHz 5.725 GHz 5.7246 GHz 9.64 dBm -27.53 dBm -25.85 dBm M1 M2 МЗ

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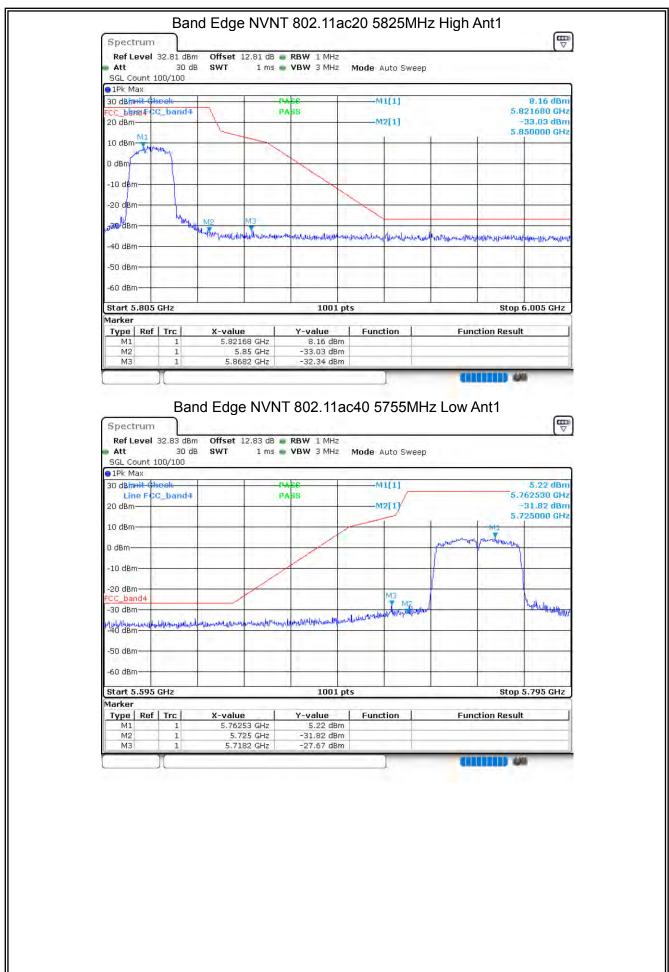




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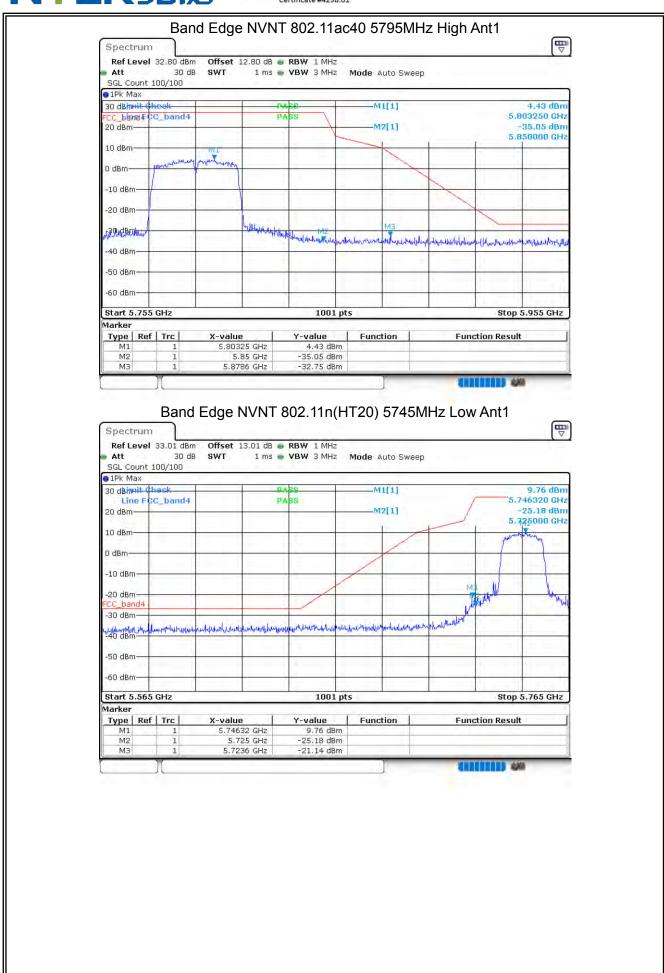




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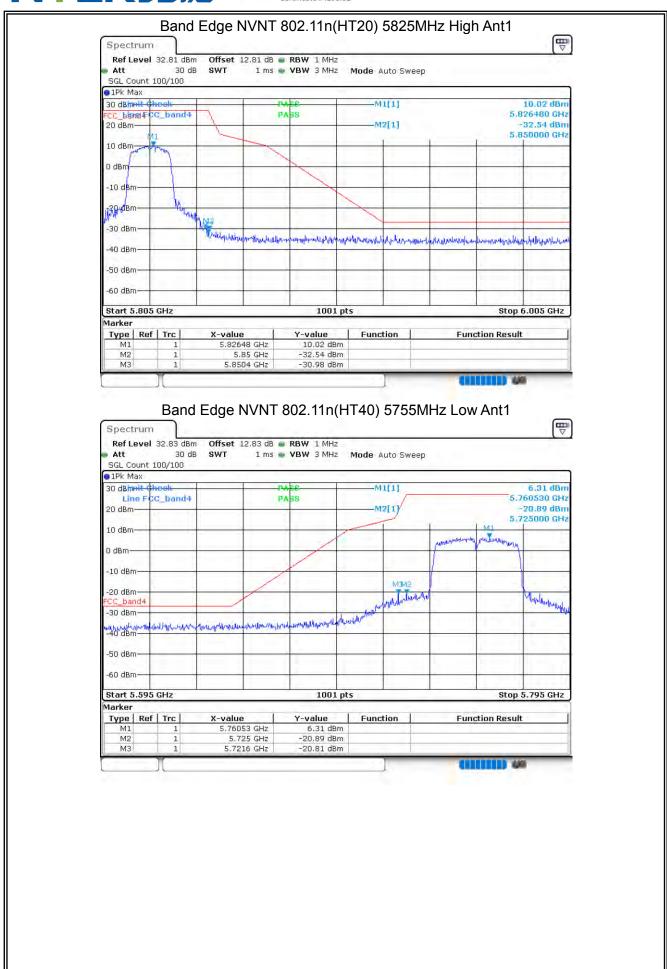




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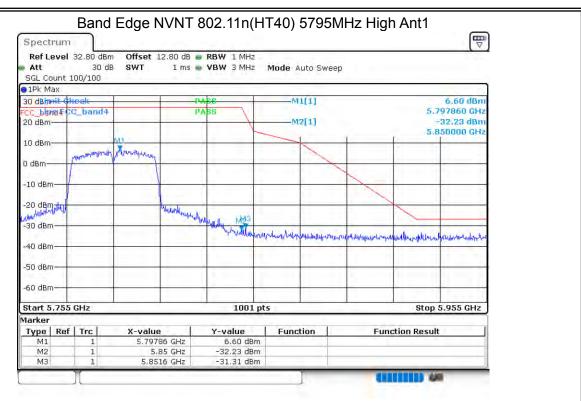




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-40.19

-41.08

-39.39

-40.63

-40.52

-27

-27

-27

-27

-27

Pass

Pass

Pass

Pass

Pass



802.11n(HT20)

802.11n(HT20)

802.11n(HT20)

802.11n(HT40)

802.11n(HT40)

NVNT

NVNT

NVNT

NVNT

NVNT



5180

5200

5240

5190

5230

5.7 CONDUCTED RF SPURIOUS EMISSION Antenna Max Value (dBc) Limit (dBc) Condition Mode Frequency (MHz) Verdict **NVNT** 802.11a 5180 -34.61 -27 Ant 1 **Pass NVNT** 802.11a -40.49 -27 5200 Ant 1 **Pass NVNT** 802.11a 5240 Ant 1 -32 -27 **Pass NVNT** 802.11ac20 5180 Ant 1 -40.37-27 **Pass** -27 **NVNT** 802.11ac20 5200 -40.7Ant 1 **Pass NVNT** 802.11ac20 5240 Ant 1 -39.63 -27 **Pass NVNT** 802.11ac40 5190 -40.09-27 **Pass** Ant 1 NVNT -27 802.11ac40 5230 Ant 1 -40.94**Pass**

Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission

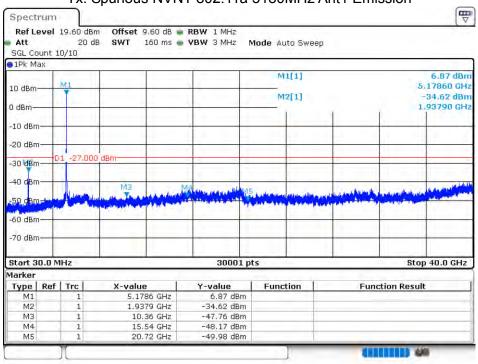
Ant 1

Ant 1

Ant 1

Ant 1

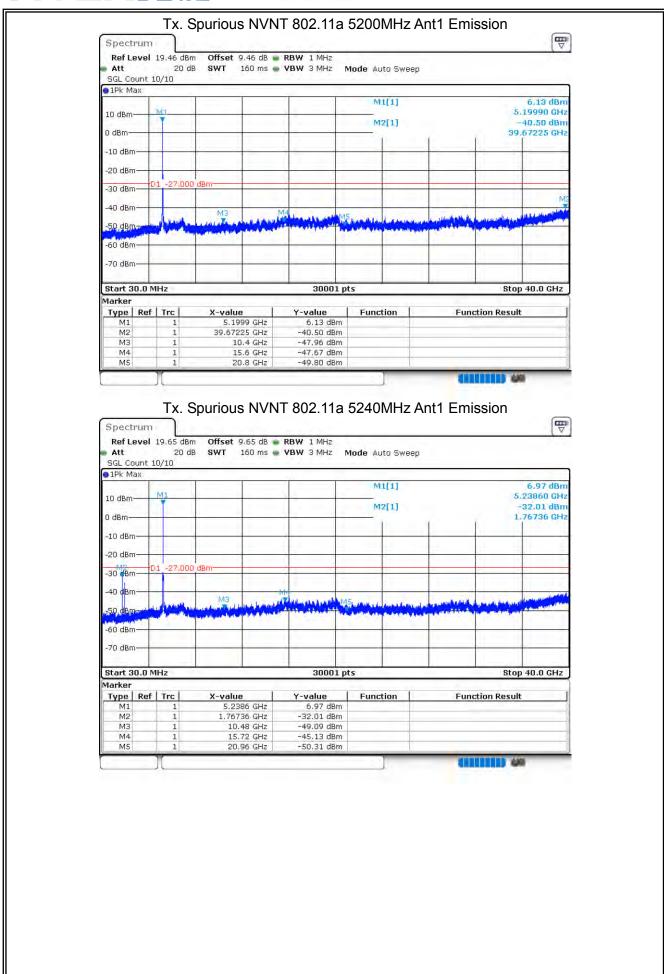
Ant 1



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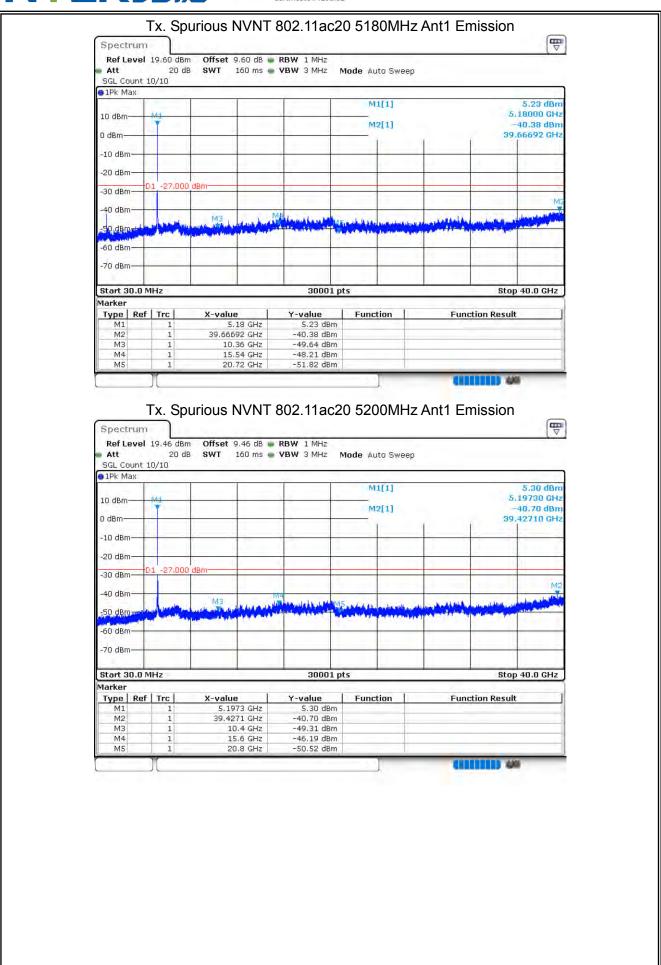




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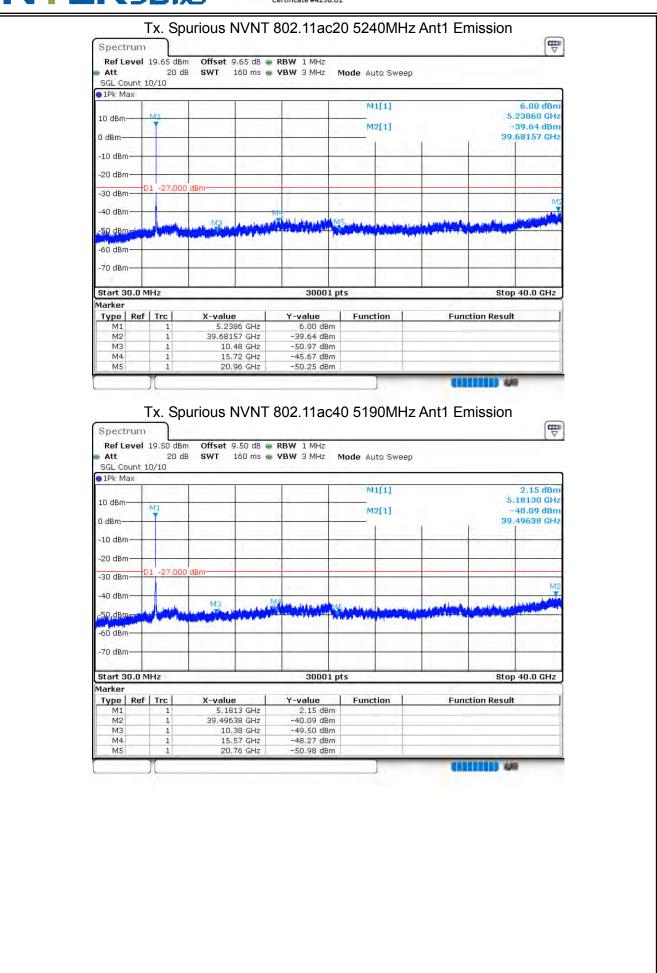




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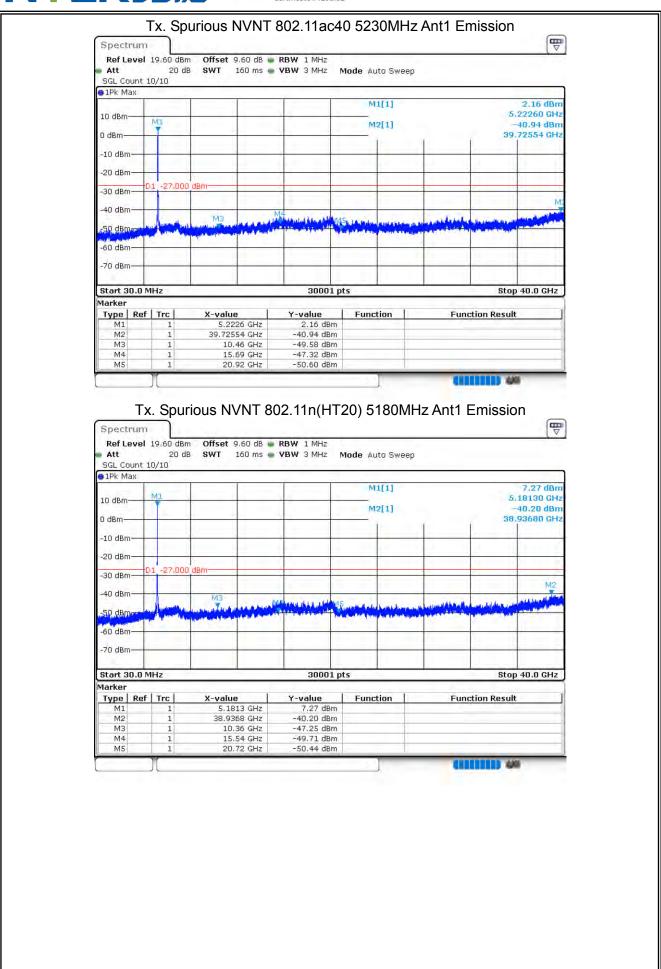




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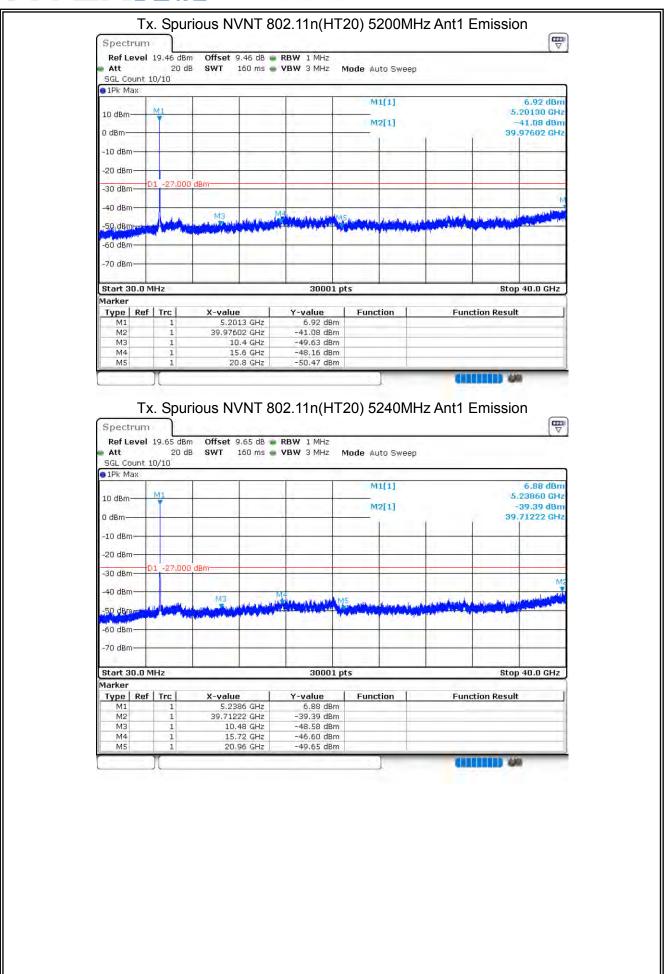




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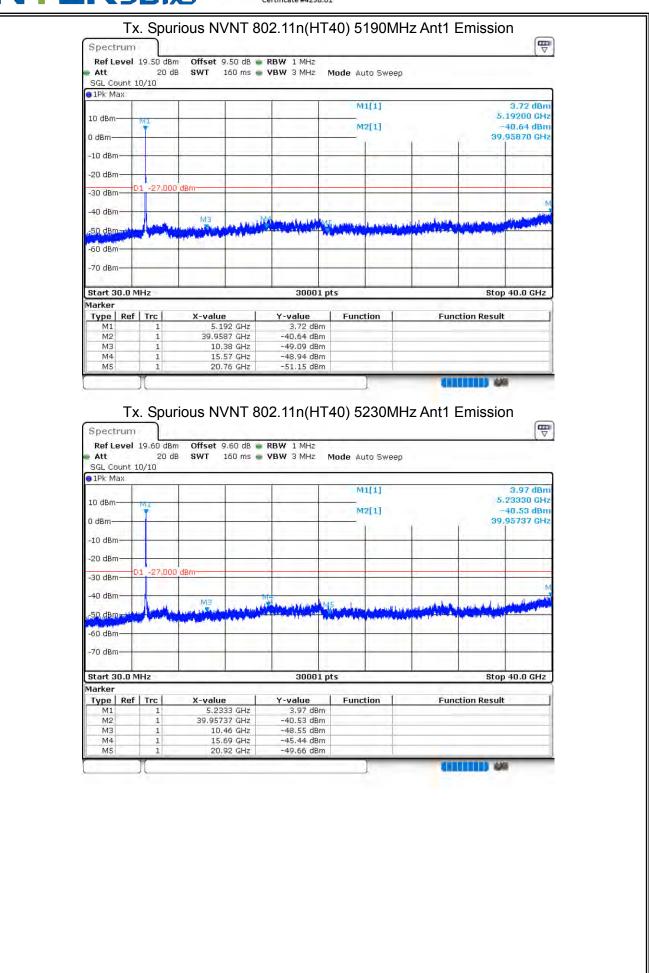




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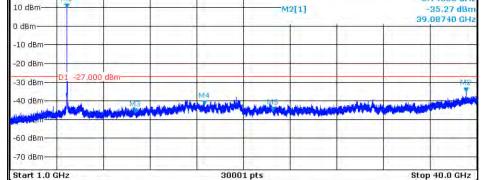
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Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-35.26	-27	Pass
NVNT	802.11a	5785	Ant 1	-37.05	-27	Pass
NVNT	802.11a	5825	Ant 1	-36.78	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-36.58	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-37.31	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.67	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-36.69	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-36.31	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-37.2	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-36.98	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-37.11	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-35.67	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-36.87	-27	Pass
	Tx. S	purious NVNT 802.1	11a 5745M	Hz Ant1 Emission		ļ

Spectrum Ref Level 23.01 dBm Offset 13.01 dB RBW 1 MHz 20 dB SWT 156 ms . VBW 3 MHz Att Mode Auto Sweep SGL Count 30/30 1Pk Max -M1[1] 9.63 dBm 20 dBm 5.74680 GHz 10 dBm-M2[1]

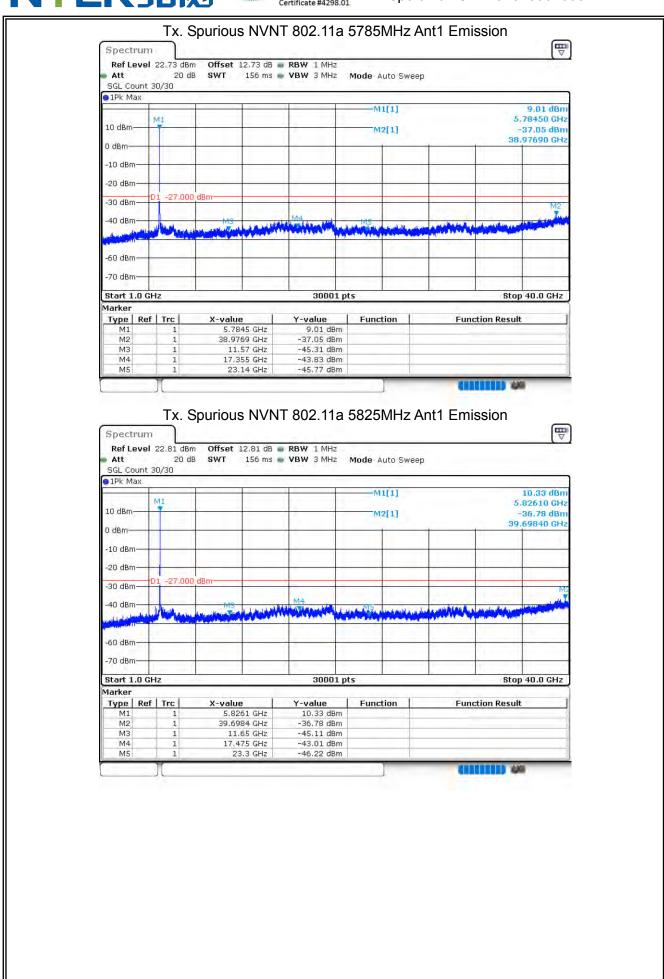


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7468 GHz	9.63 dBm		
M2		1	39.0874 GHz	-35.27 dBm		
МЗ		1	11.49 GHz	-46.75 dBm		
M4		1	17.235 GHz	-42.25 dBm		
M5		1	22.98 GHz	-45.58 dBm		

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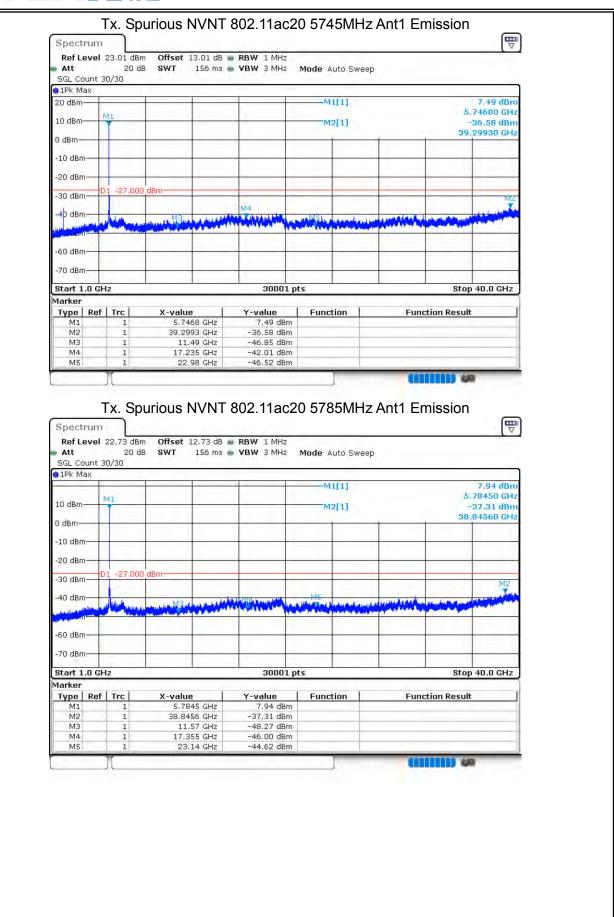




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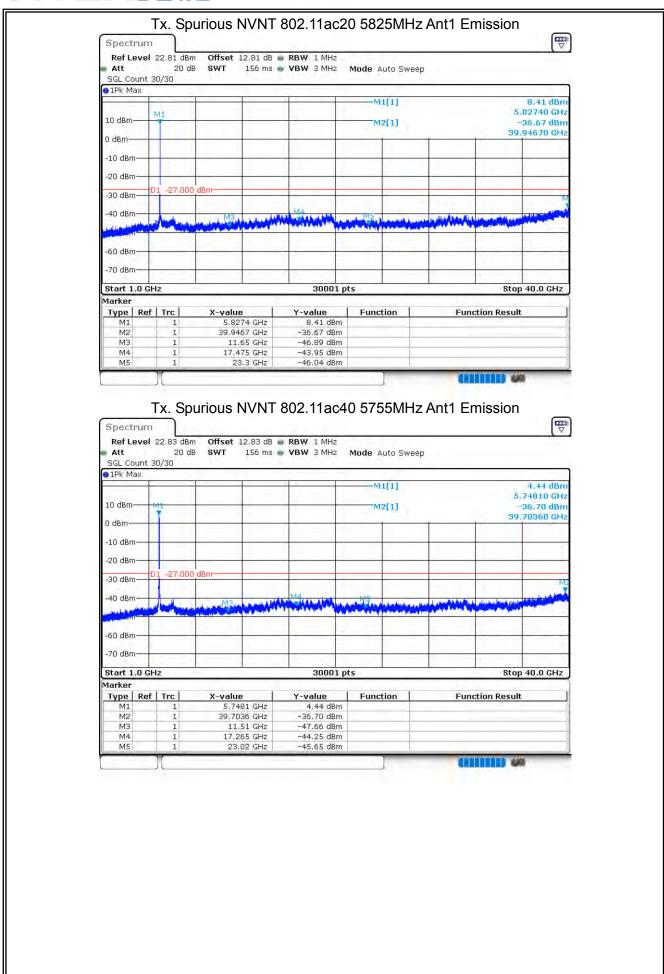




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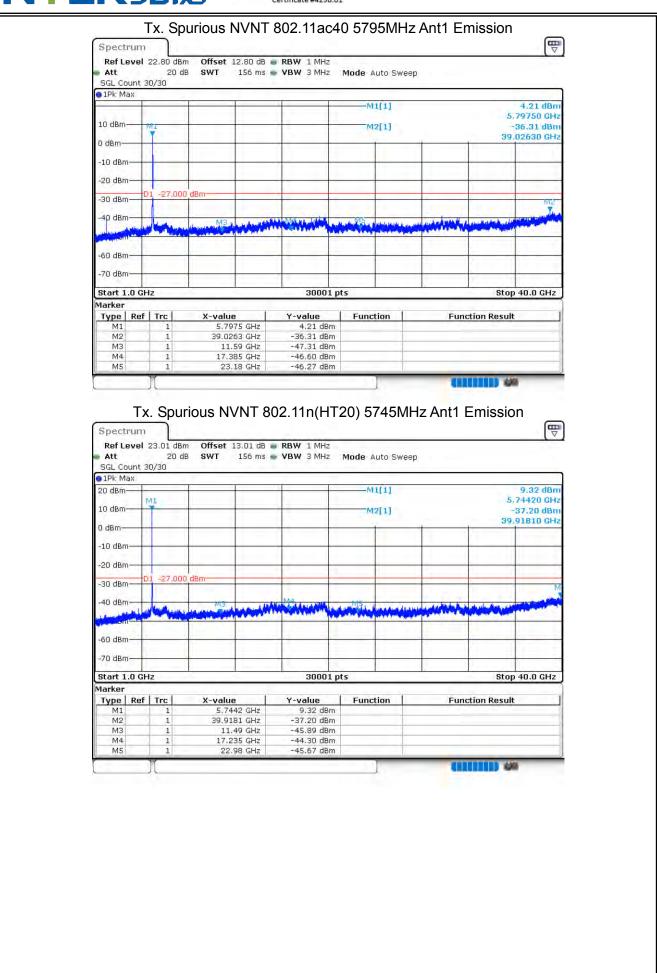




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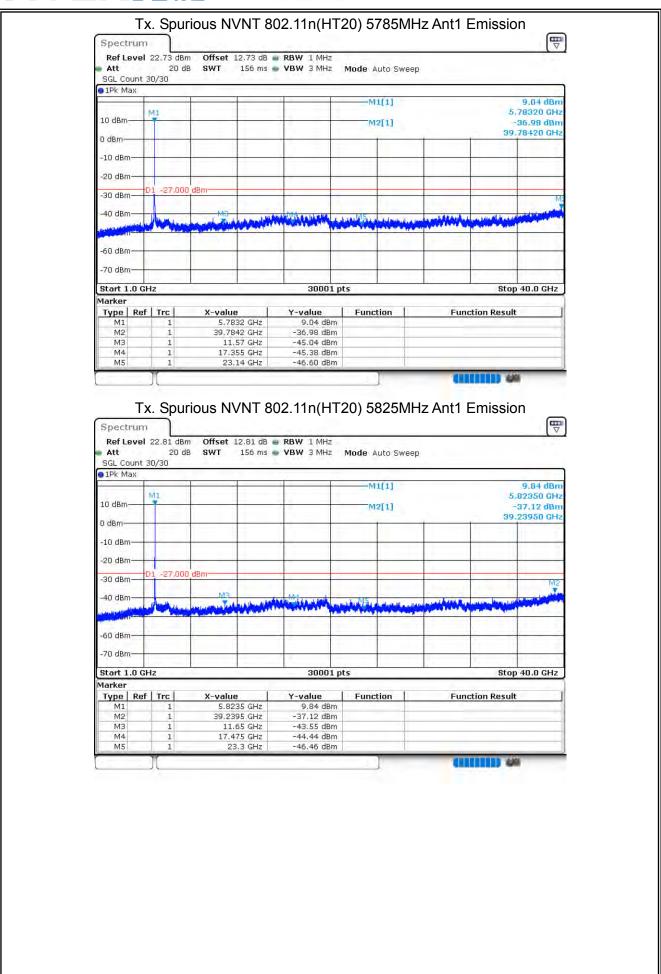




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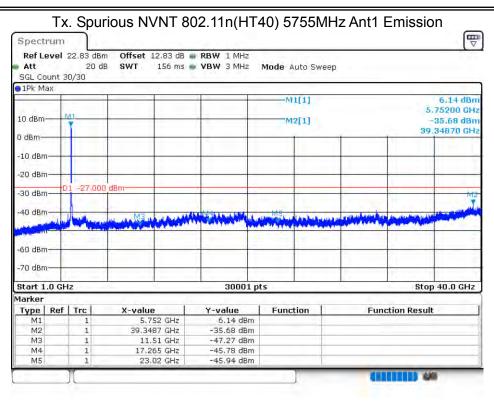


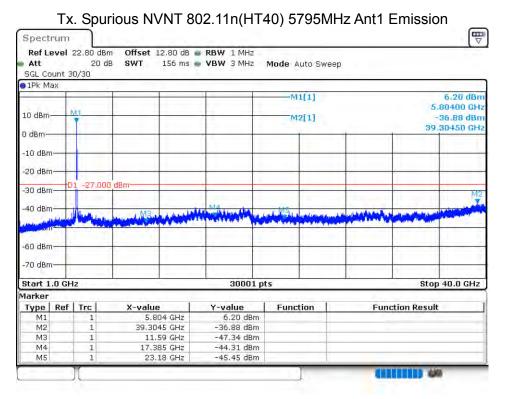


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END OF REPORT

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