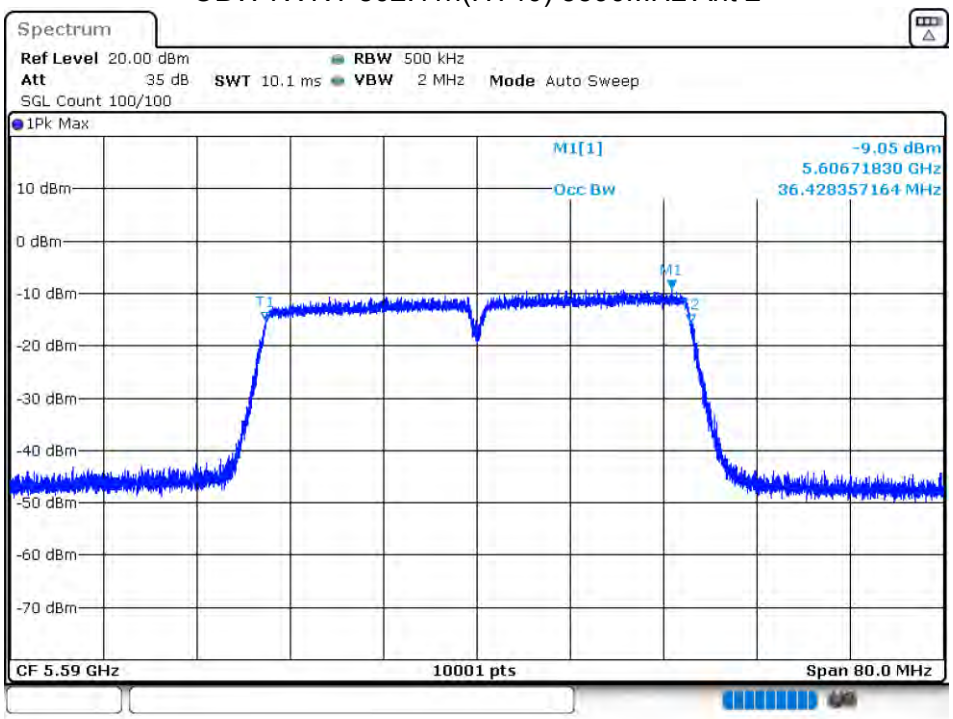
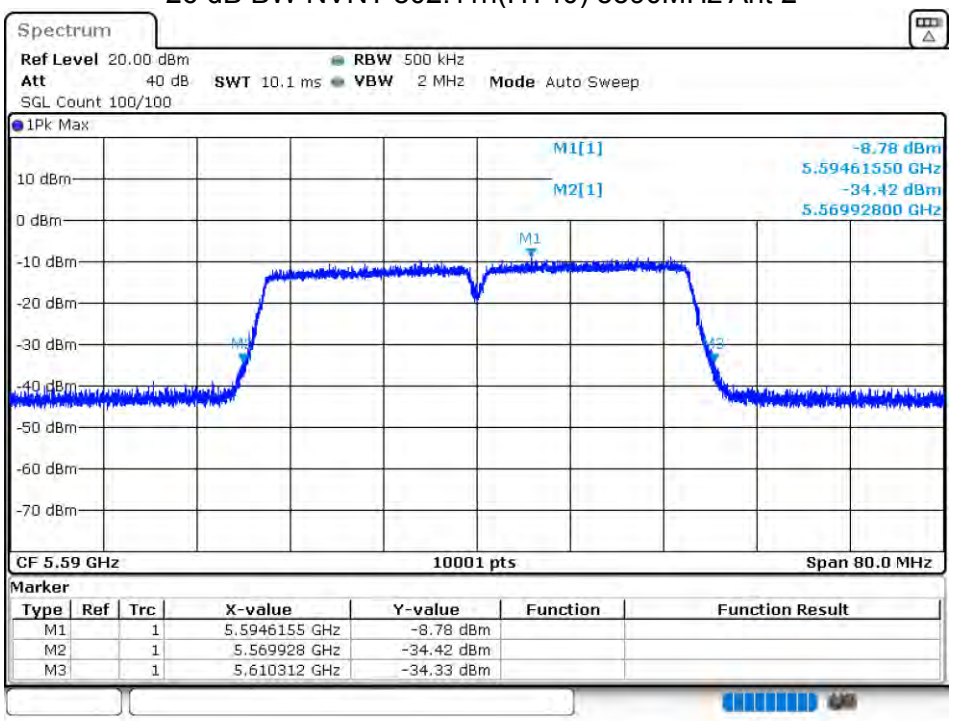
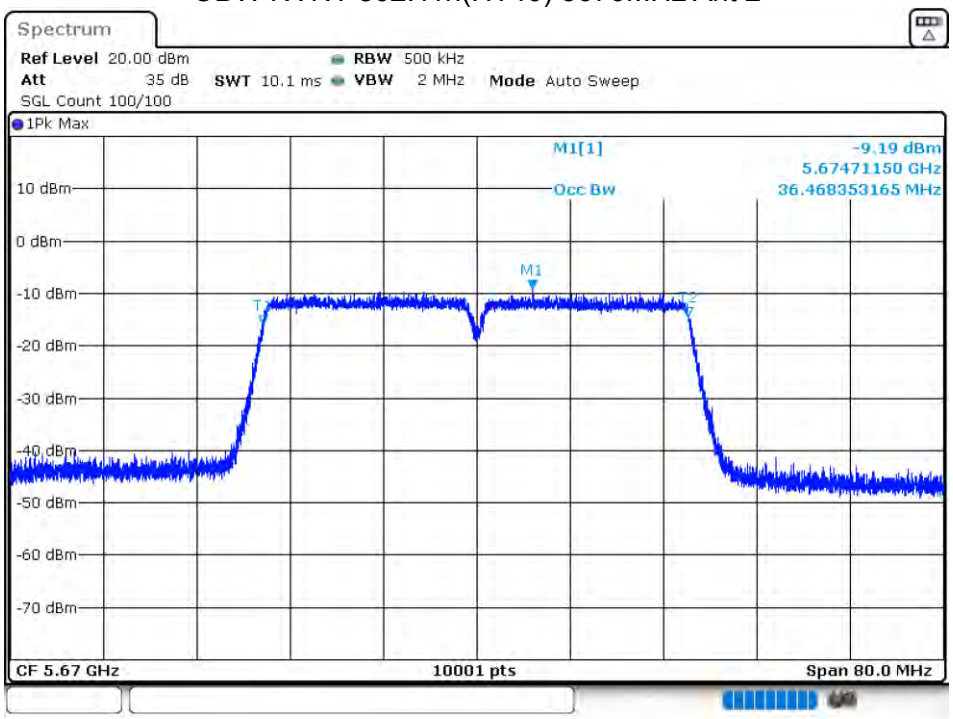
OBW NVNT 802.11n(HT40) 5590MHz Ant 2



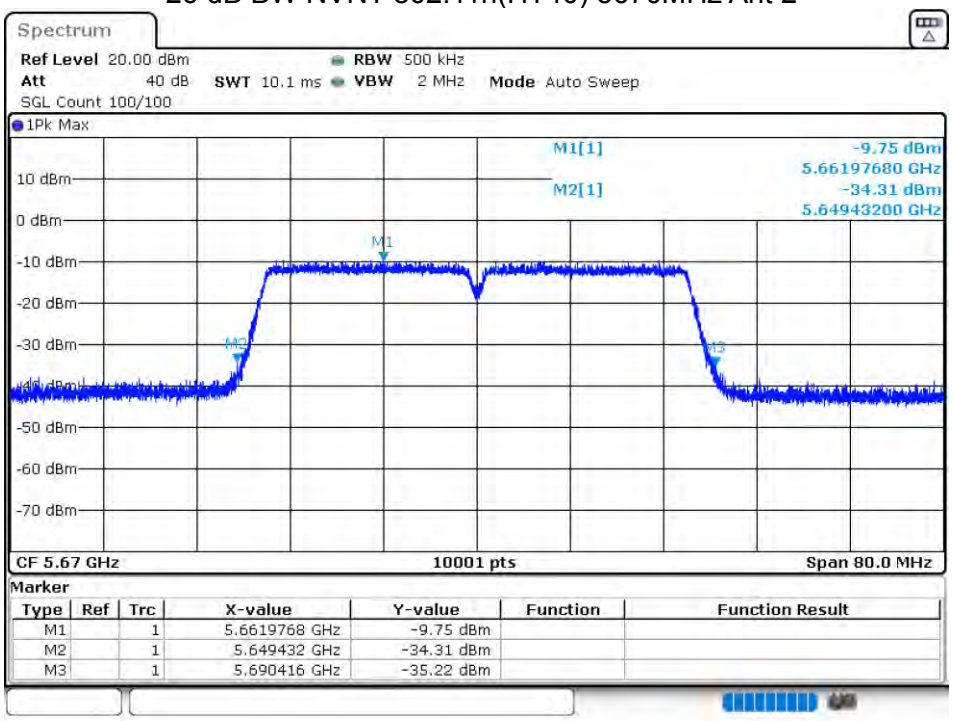
-26 dB BW NVNT 802.11n(HT40) 5590MHz Ant 2



OBW NVNT 802.11n(HT40) 5670MHz Ant 2



-26 dB BW NVNT 802.11n(HT40) 5670MHz Ant 2



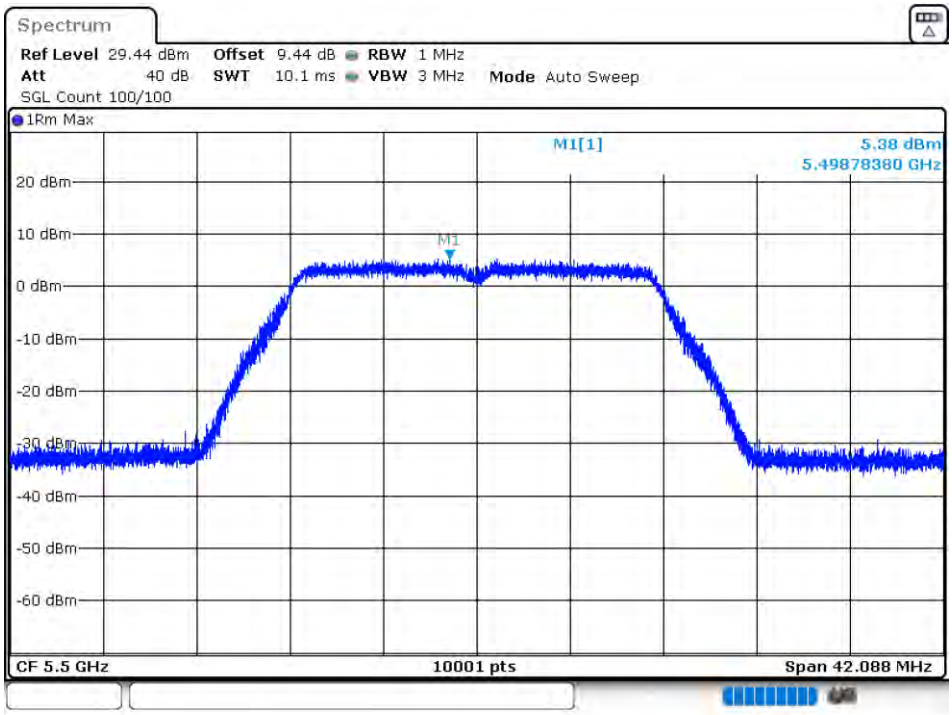
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6619768 GHz	-9.75 dBm		
M2		1	5.649432 GHz	-34.31 dBm		
M3		1	5.690416 GHz	-35.22 dBm		

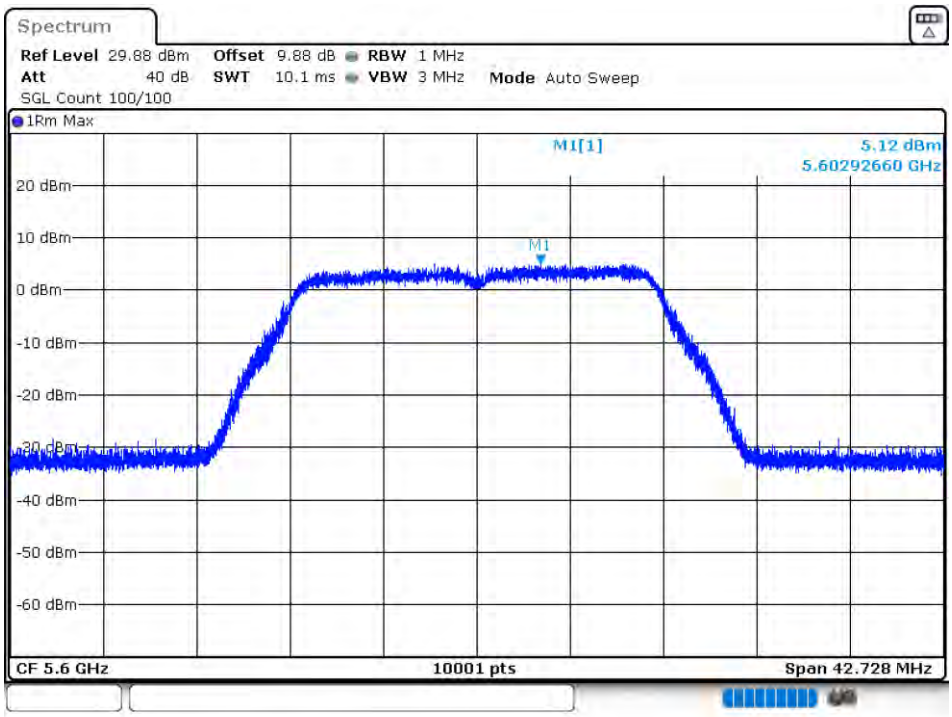
11.3.4 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Total Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	5.381	-	11	Pass
NVNT	802.11a	5600	Ant 1	5.123	-	11	Pass
NVNT	802.11a	5700	Ant 1	5.218	-	11	Pass
NVNT	802.11a	5500	Ant 2	4.647	-	11	Pass
NVNT	802.11a	5600	Ant 2	5.326	-	11	Pass
NVNT	802.11a	5700	Ant 2	4.918	-	11	Pass
NVNT	802.11ac20	5500	Ant 1	5.334	8.13	8.99	Pass
NVNT	802.11ac20	5500	Ant 2	4.897		8.99	Pass
NVNT	802.11ac20	5600	Ant 1	5.17	8.32	8.99	Pass
NVNT	802.11ac20	5600	Ant 2	5.443		8.99	Pass
NVNT	802.11ac20	5700	Ant 1	5.292	7.98	8.99	Pass
NVNT	802.11ac20	5700	Ant 2	4.628		8.99	Pass
NVNT	802.11ac40	5510	Ant 1	2.171	5.36	8.99	Pass
NVNT	802.11ac40	5510	Ant 2	2.517		8.99	Pass
NVNT	802.11ac40	5590	Ant 1	2.998	5.73	8.99	Pass
NVNT	802.11ac40	5590	Ant 2	2.427		8.99	Pass
NVNT	802.11ac40	5670	Ant 1	2.52	5.18	8.99	Pass
NVNT	802.11ac40	5670	Ant 2	1.779		8.99	Pass
NVNT	802.11ac80	5530	Ant 1	-0.672	2.49	8.99	Pass
NVNT	802.11ac80	5530	Ant 2	-0.372		8.99	Pass
NVNT	802.11ac80	5610	Ant 1	-1.221	2.57	8.99	Pass
NVNT	802.11ac80	5610	Ant 2	0.221		8.99	Pass
NVNT	802.11n(HT20)	5500	Ant 1	5.706	8.66	8.99	Pass
NVNT	802.11n(HT20)	5500	Ant 2	5.59		8.99	Pass
NVNT	802.11n(HT20)	5600	Ant 1	5.412	8.33	8.99	Pass
NVNT	802.11n(HT20)	5600	Ant 2	5.22		8.99	Pass
NVNT	802.11n(HT20)	5700	Ant 1	5.804	8.59	8.99	Pass
NVNT	802.11n(HT20)	5700	Ant 2	5.342		8.99	Pass
NVNT	802.11n(HT40)	5510	Ant 1	2.605	5.33	8.99	Pass
NVNT	802.11n(HT40)	5510	Ant 2	2.006		8.99	Pass
NVNT	802.11n(HT40)	5590	Ant 1	3.198	5.82	8.99	Pass
NVNT	802.11n(HT40)	5590	Ant 2	2.388		8.99	Pass
NVNT	802.11n(HT40)	5670	Ant 1	2.041	5.05	8.99	Pass
NVNT	802.11n(HT40)	5670	Ant 2	2.044		8.99	Pass

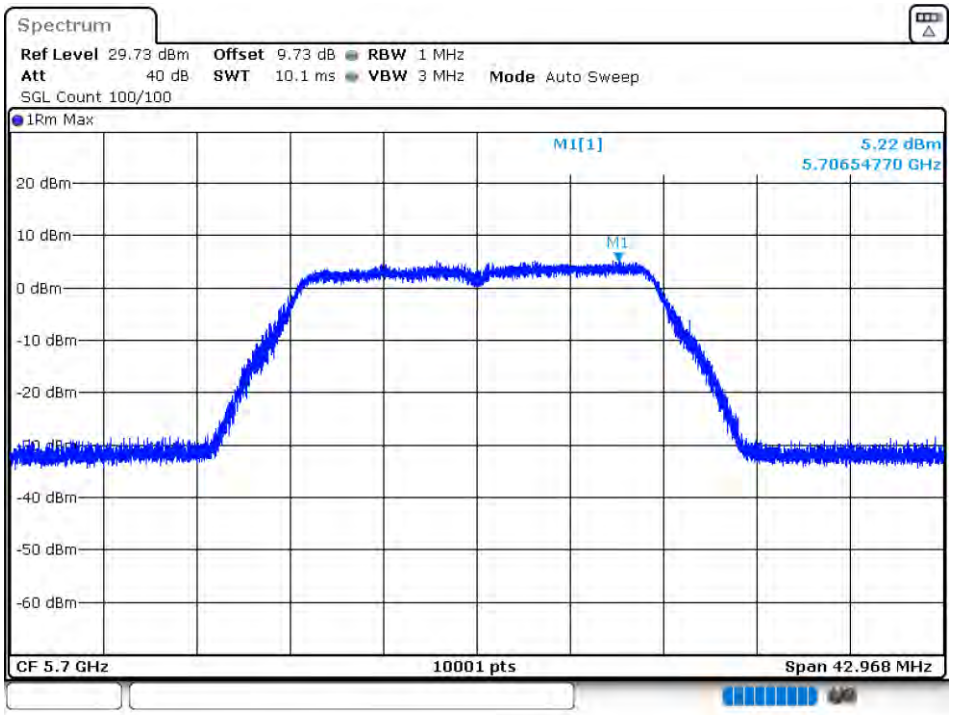
PSD NVNT 802.11a 5500MHz Ant 1



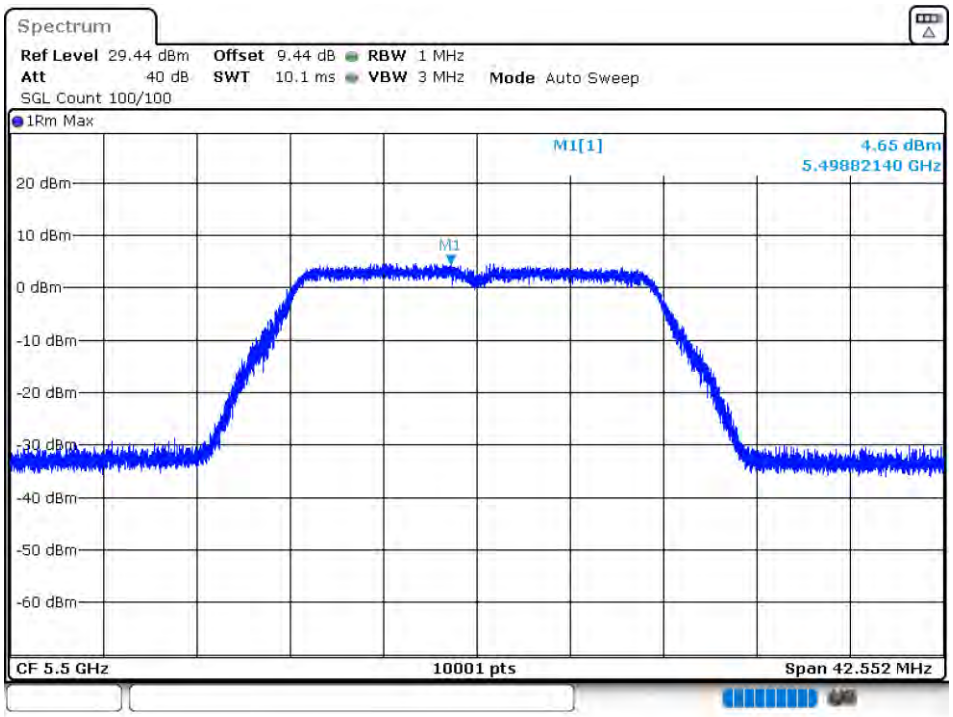
PSD NVNT 802.11a 5600MHz Ant 1



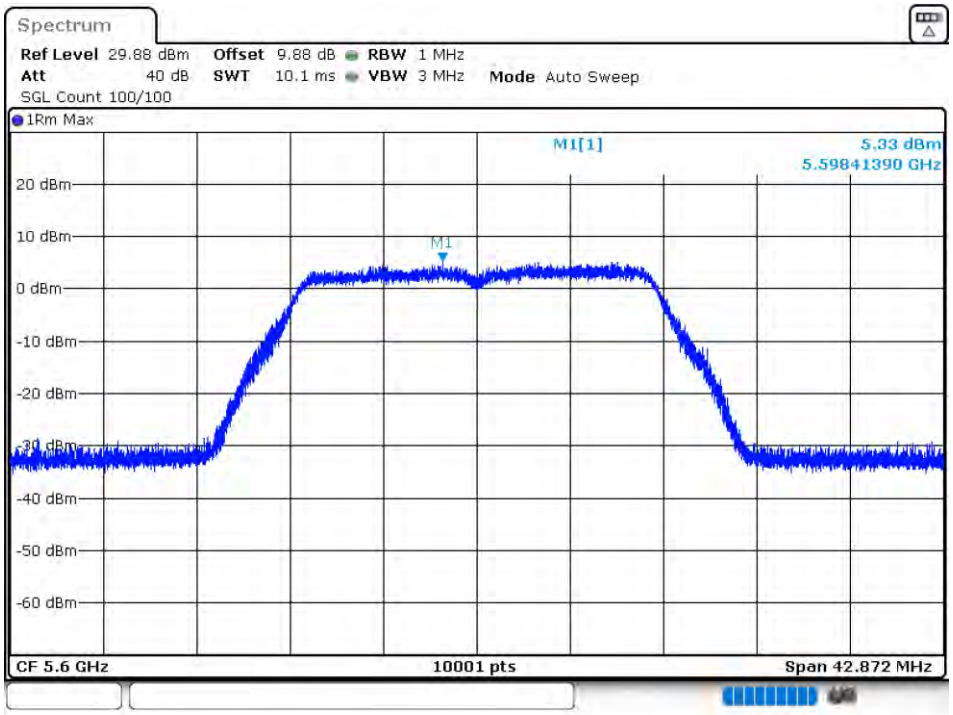
PSD NVNT 802.11a 5700MHz Ant 1



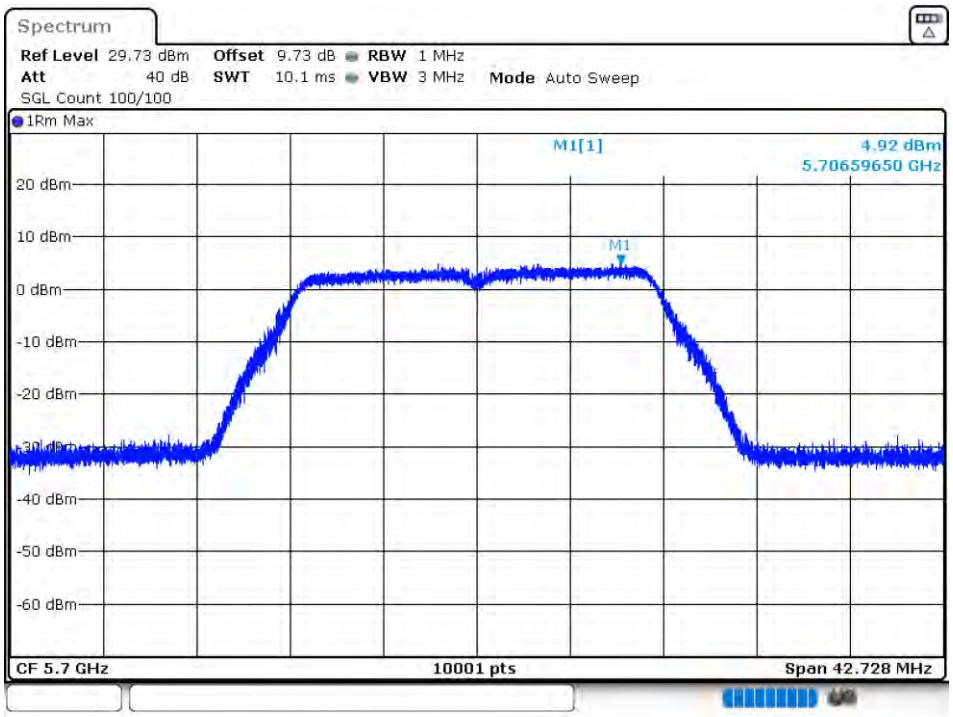
PSD NVNT 802.11a 5500MHz Ant 2



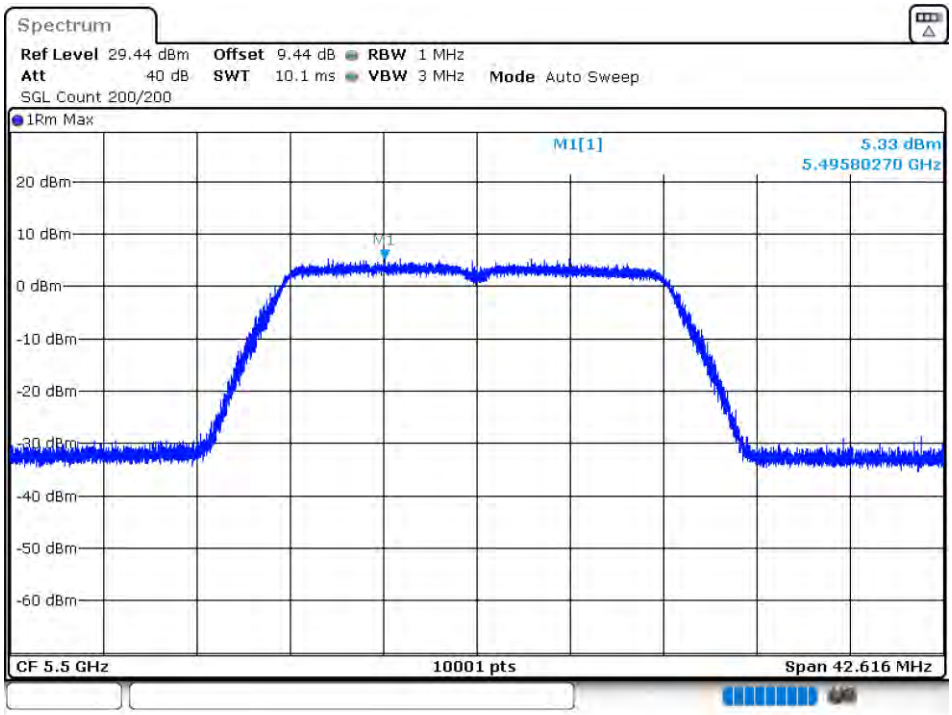
PSD NVNT 802.11a 5600MHz Ant 2



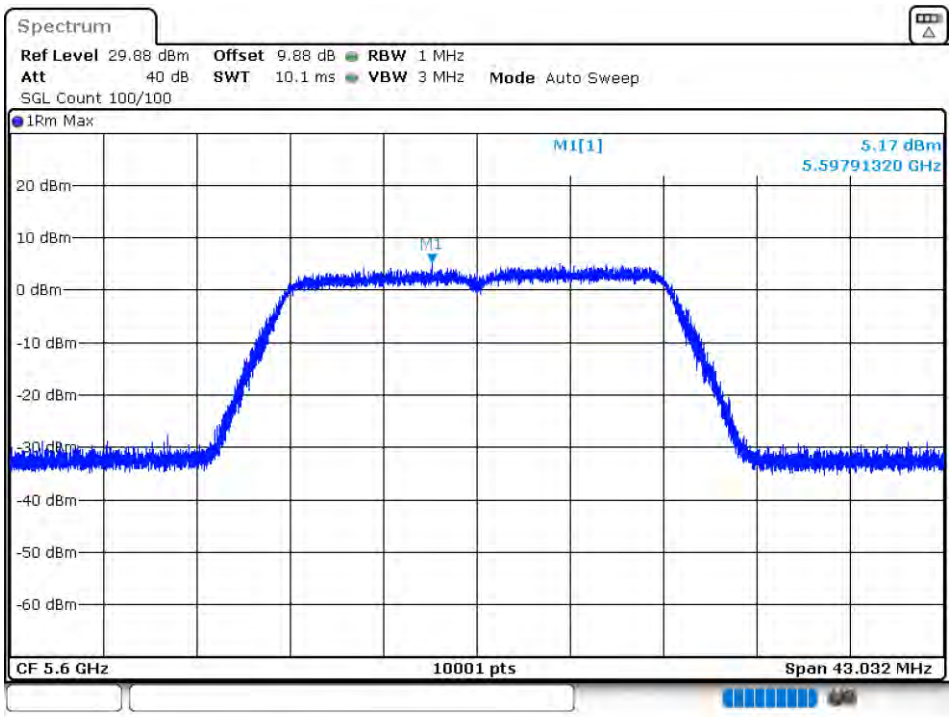
PSD NVNT 802.11a 5700MHz Ant 2



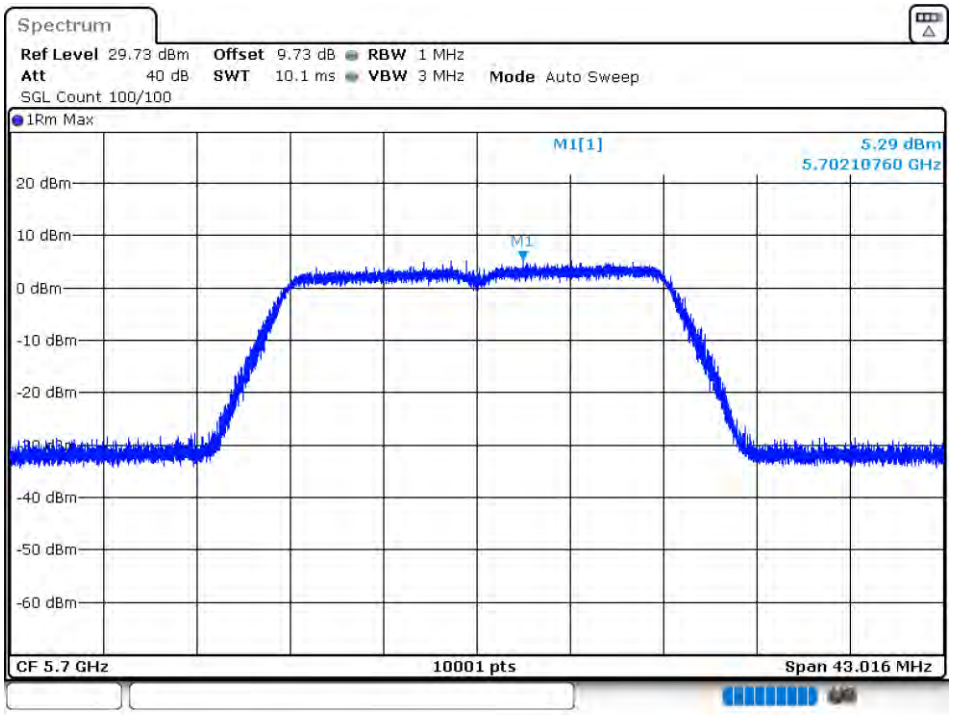
PSD NVNT 802.11ac20 5500MHz Ant 1



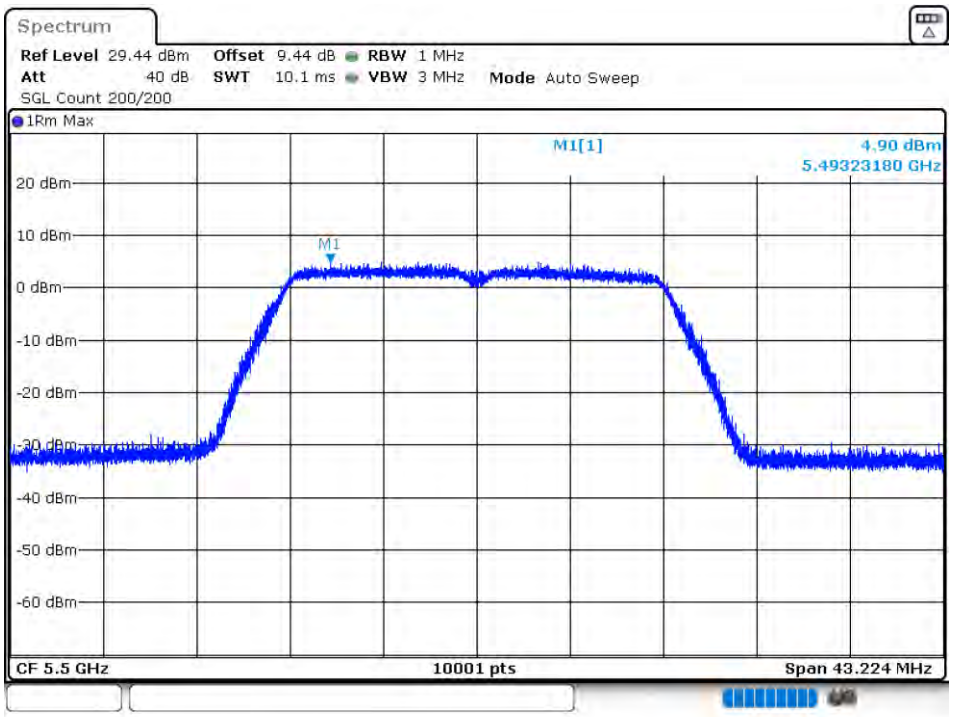
PSD NVNT 802.11ac20 5600MHz Ant 1



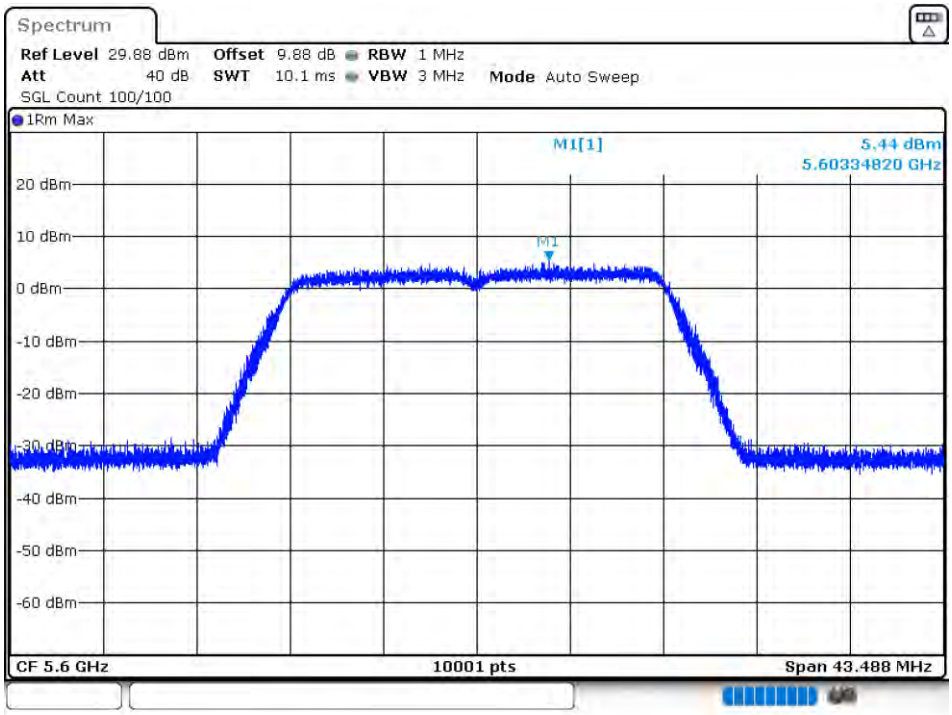
PSD NVNT 802.11ac20 5700MHz Ant 1



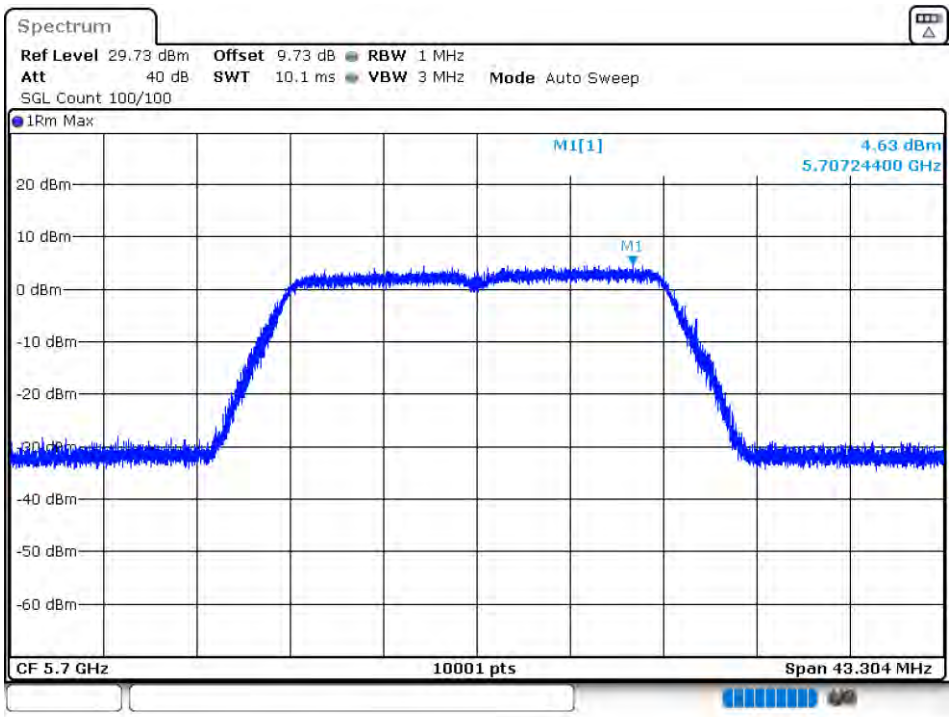
PSD NVNT 802.11ac20 5500MHz Ant 2



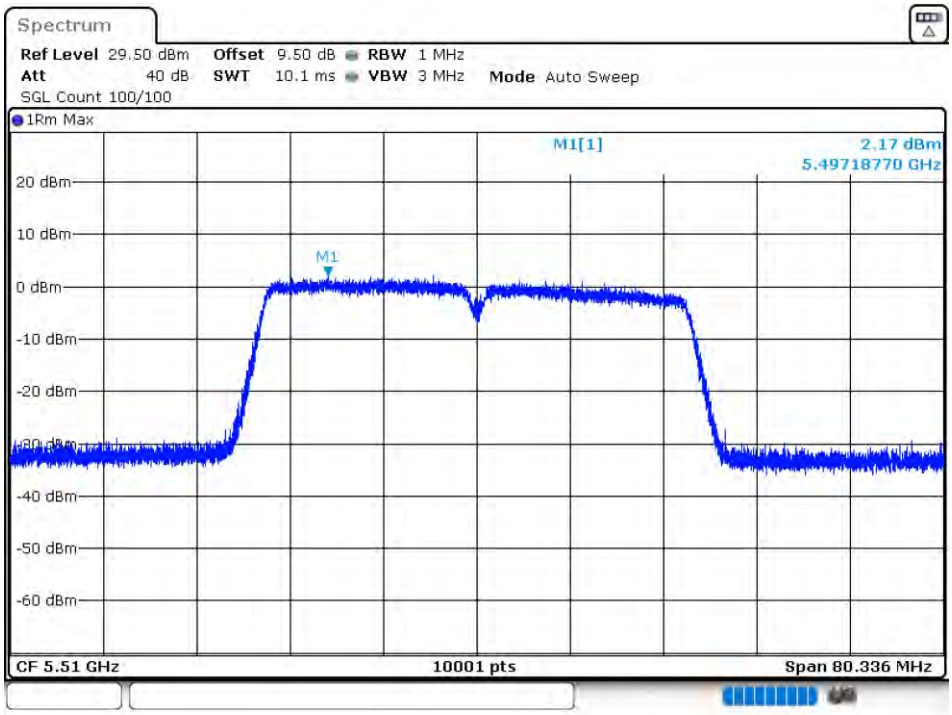
PSD NVNT 802.11ac20 5600MHz Ant 2



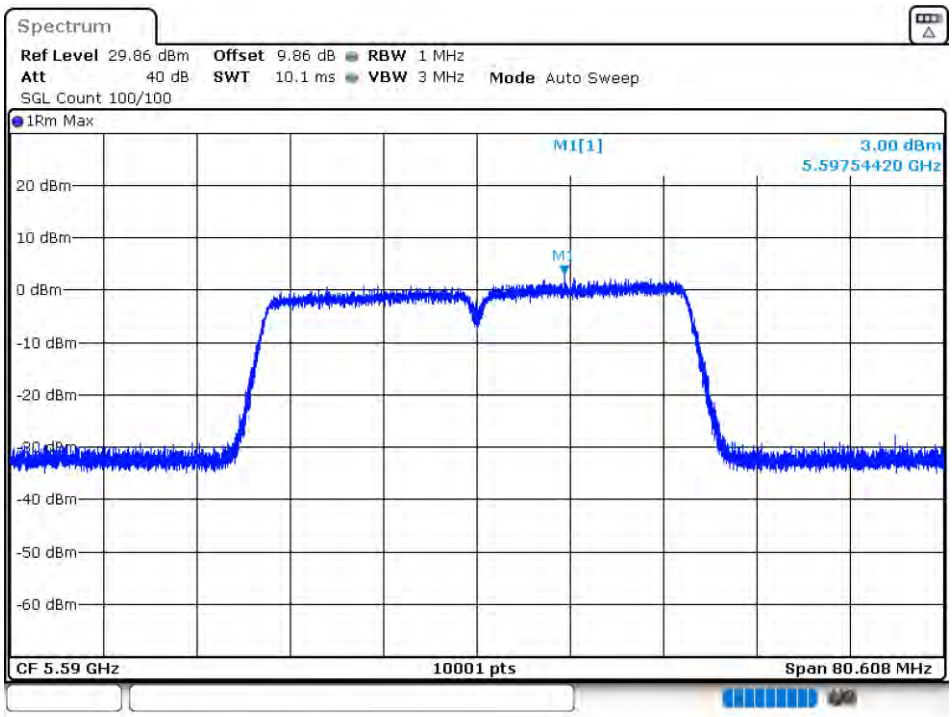
PSD NVNT 802.11ac20 5700MHz Ant 2



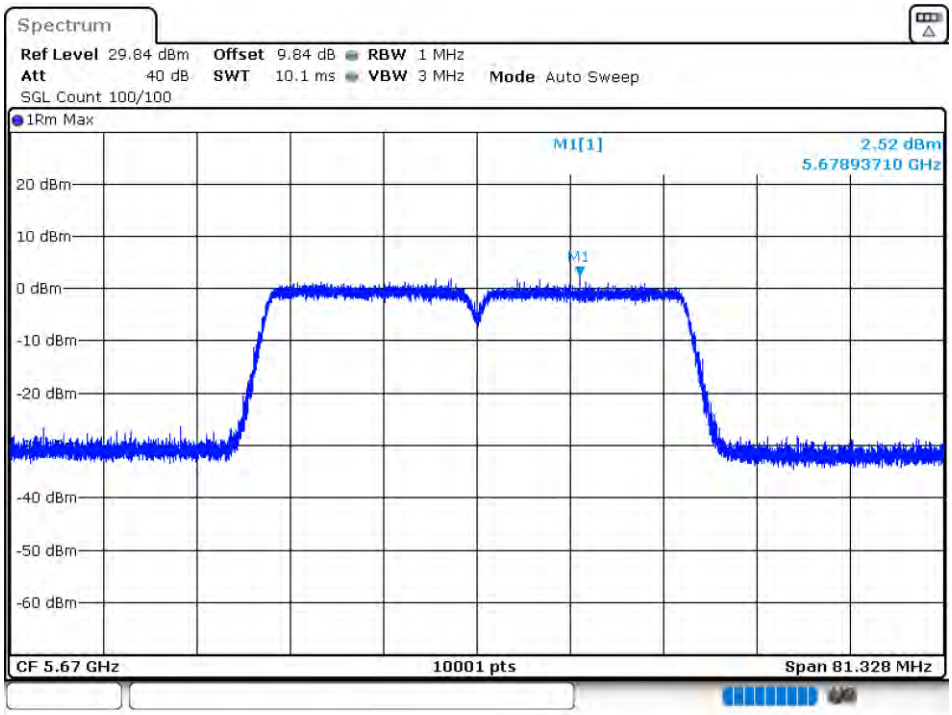
PSD NVNT 802.11ac40 5510MHz Ant 1



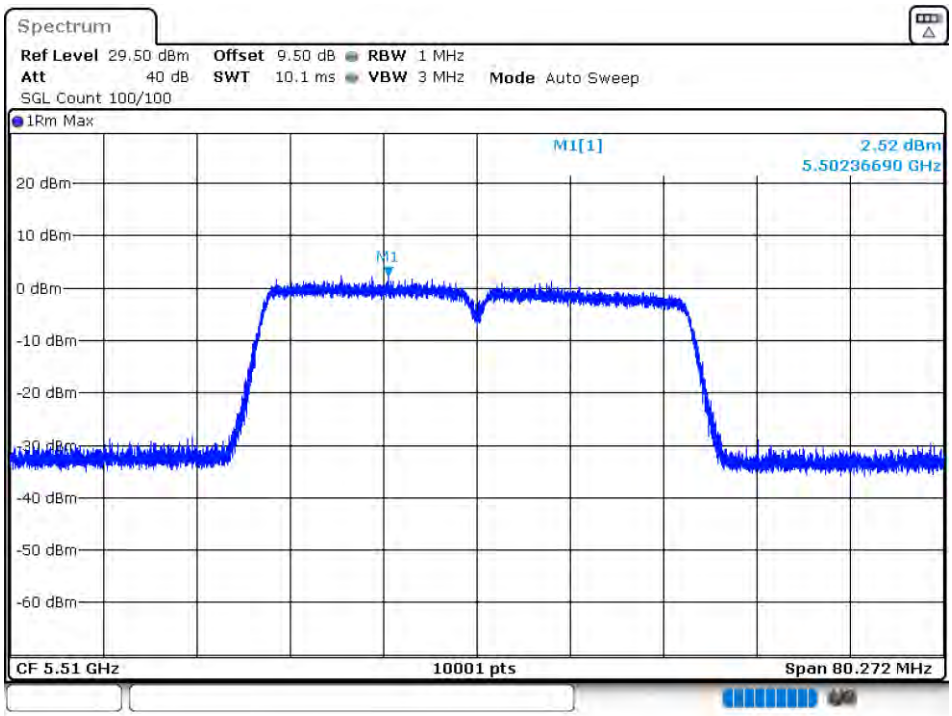
PSD NVNT 802.11ac40 5590MHz Ant 1



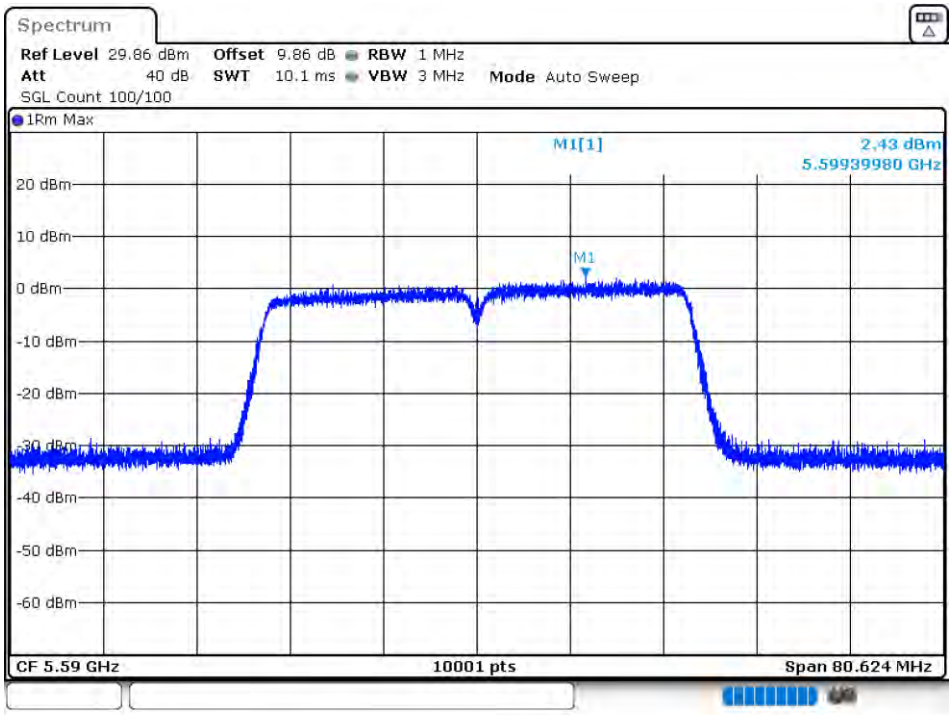
PSD NVNT 802.11ac40 5670MHz Ant 1



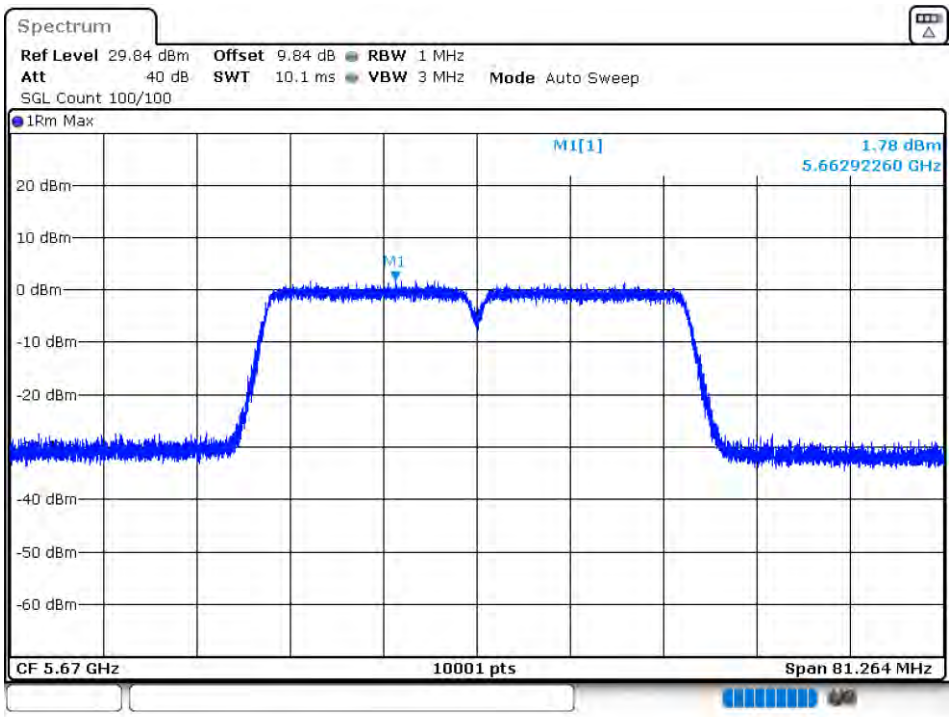
PSD NVNT 802.11ac40 5510MHz Ant 2



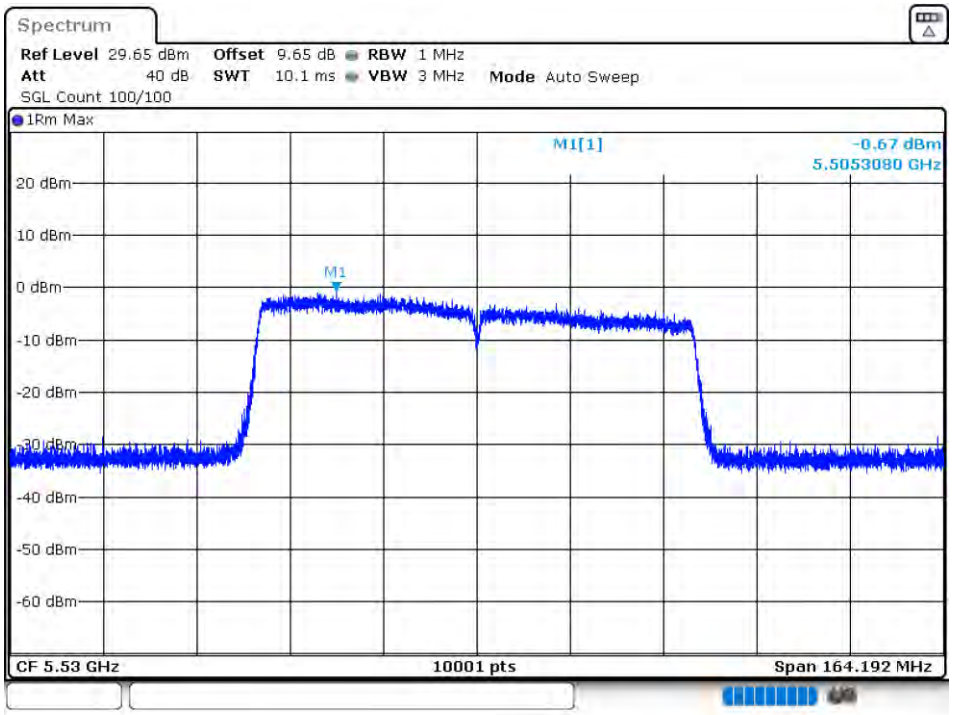
PSD NVNT 802.11ac40 5590MHz Ant 2



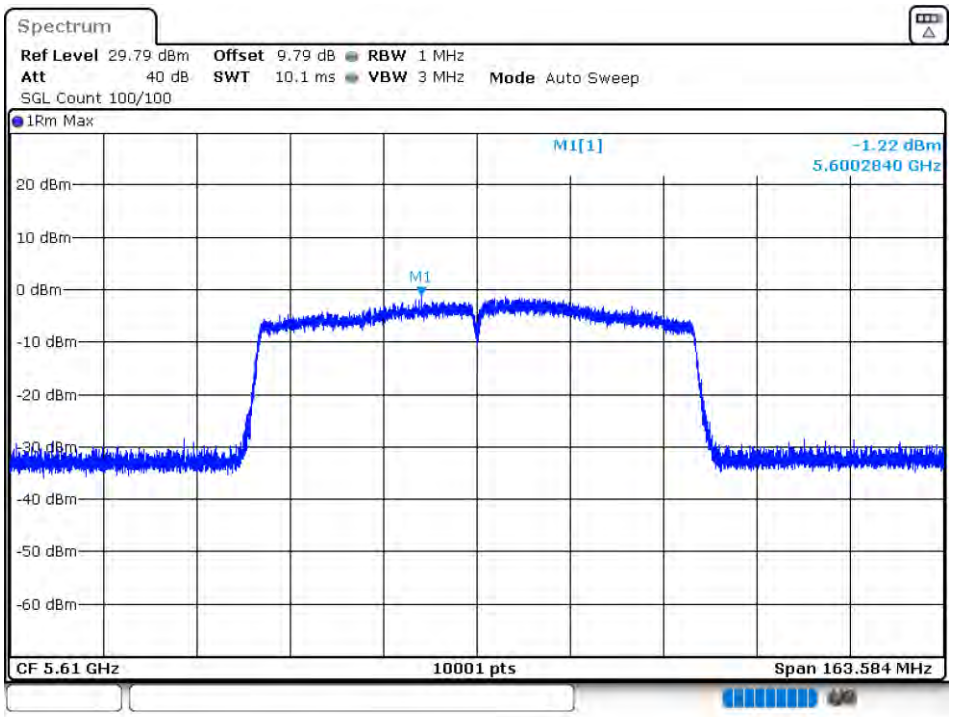
PSD NVNT 802.11ac40 5670MHz Ant 2



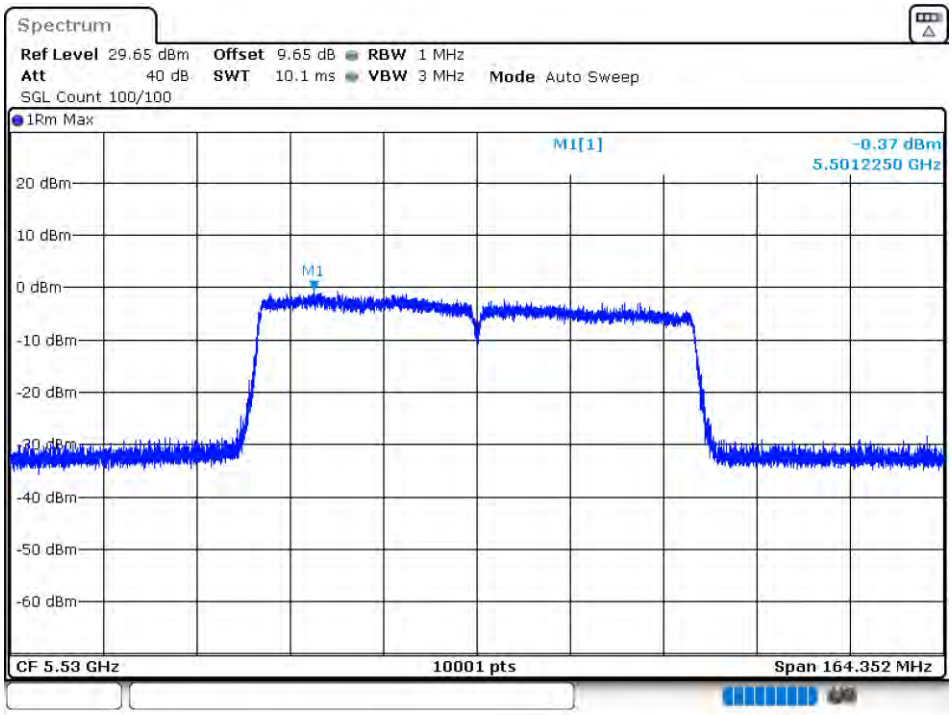
PSD NVNT 802.11ac80 5530MHz Ant 1



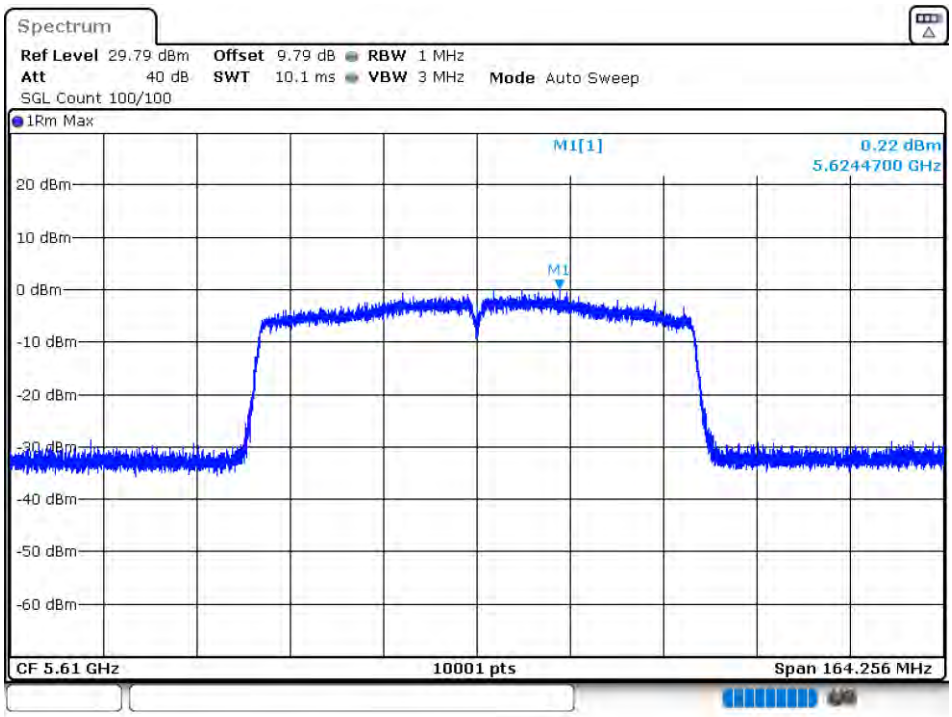
PSD NVNT 802.11ac80 5610MHz Ant 1



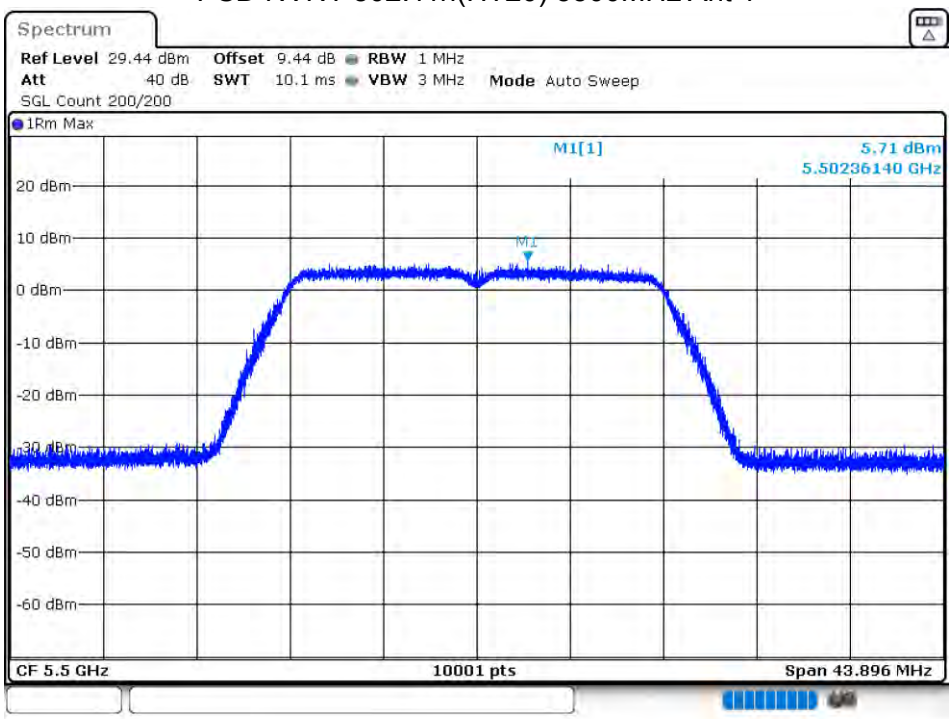
PSD NVNT 802.11ac80 5530MHz Ant 2



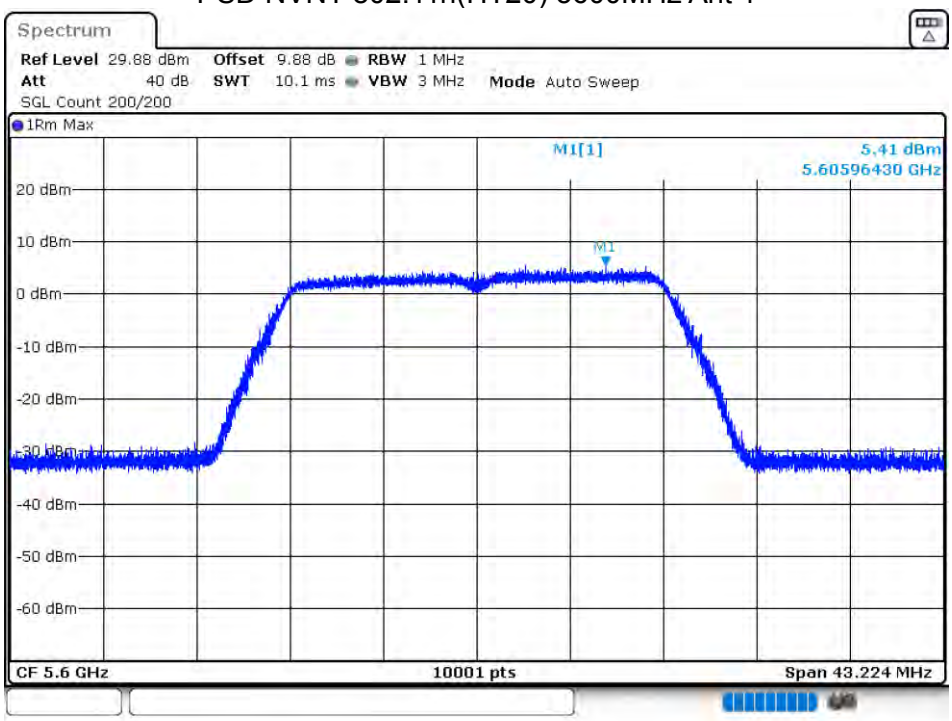
PSD NVNT 802.11ac80 5610MHz Ant 2



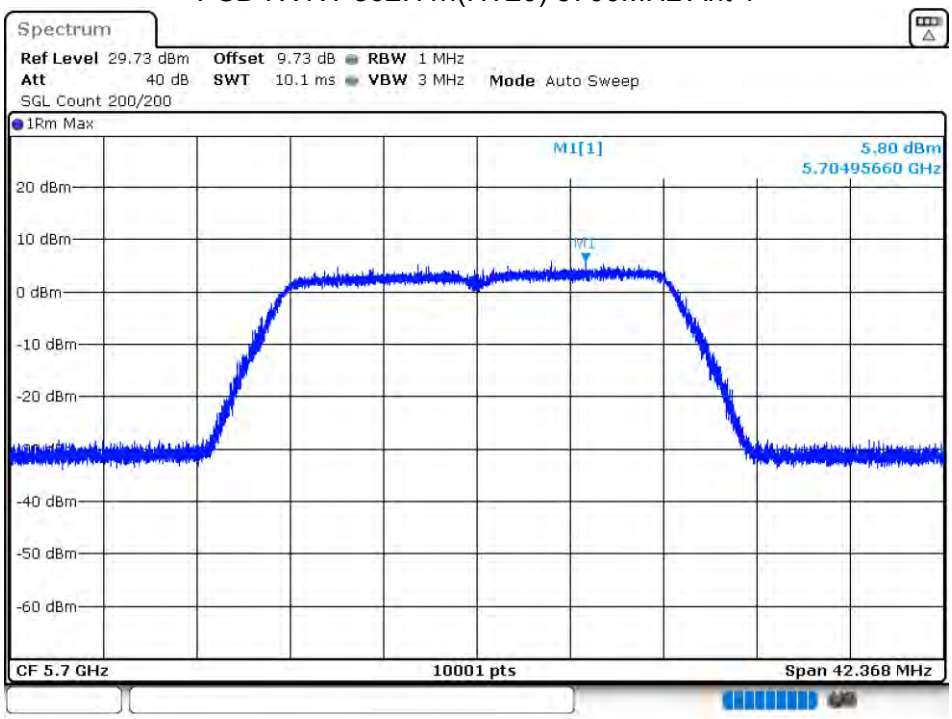
PSD NVNT 802.11n(HT20) 5500MHz Ant 1



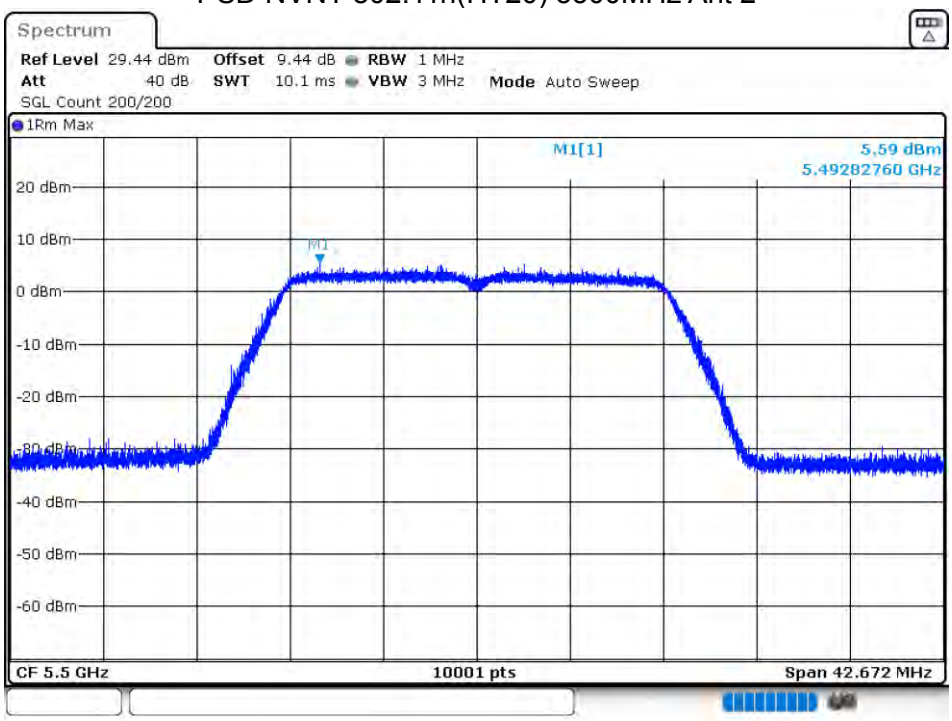
PSD NVNT 802.11n(HT20) 5600MHz Ant 1



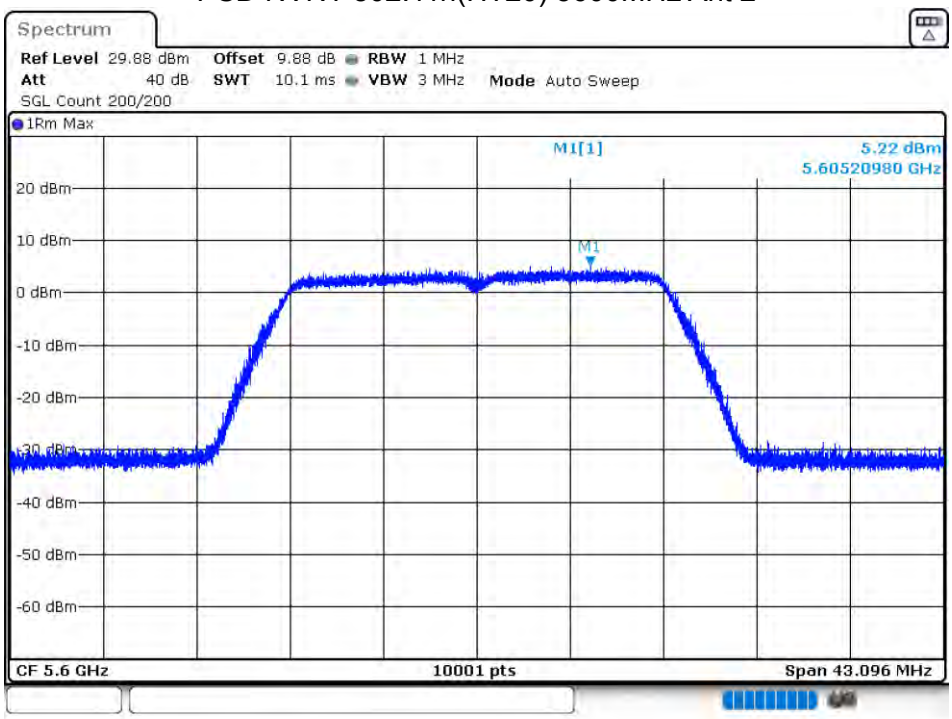
PSD NVNT 802.11n(HT20) 5700MHz Ant 1



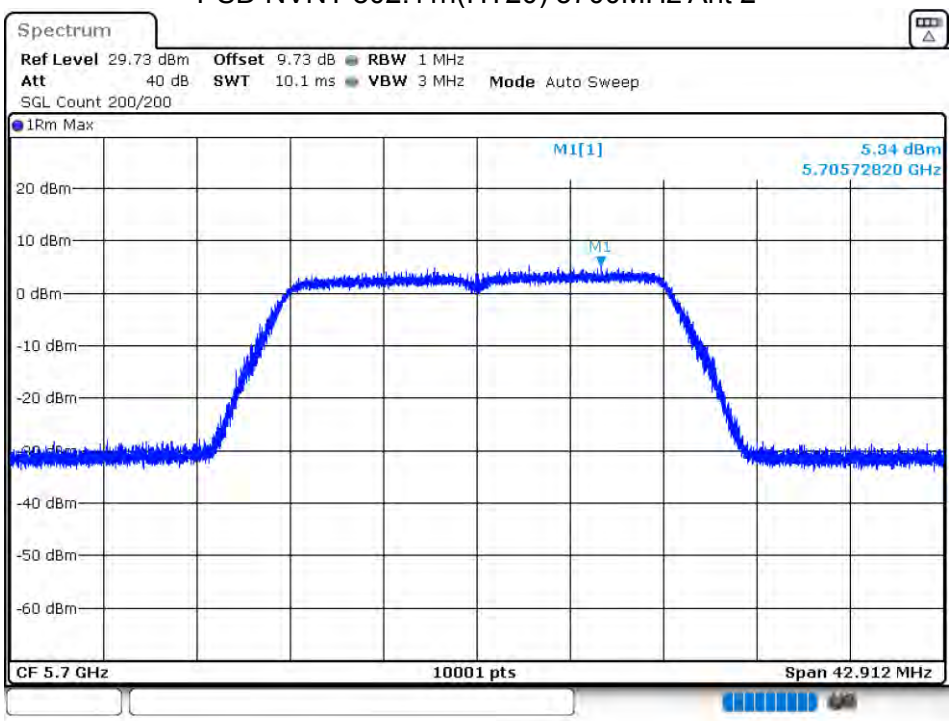
PSD NVNT 802.11n(HT20) 5500MHz Ant 2



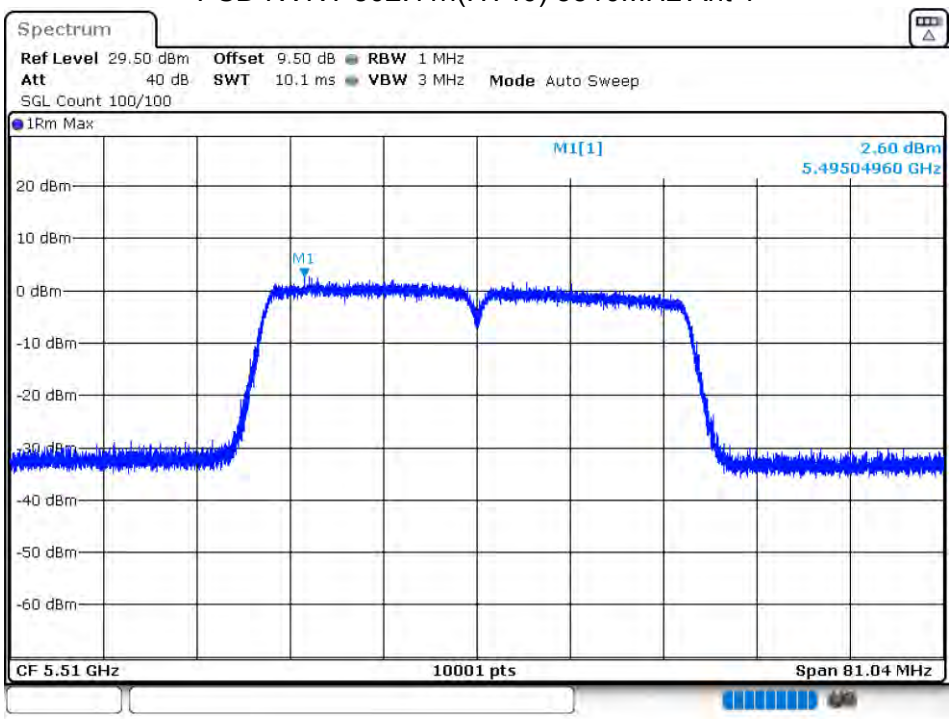
PSD NVNT 802.11n(HT20) 5600MHz Ant 2



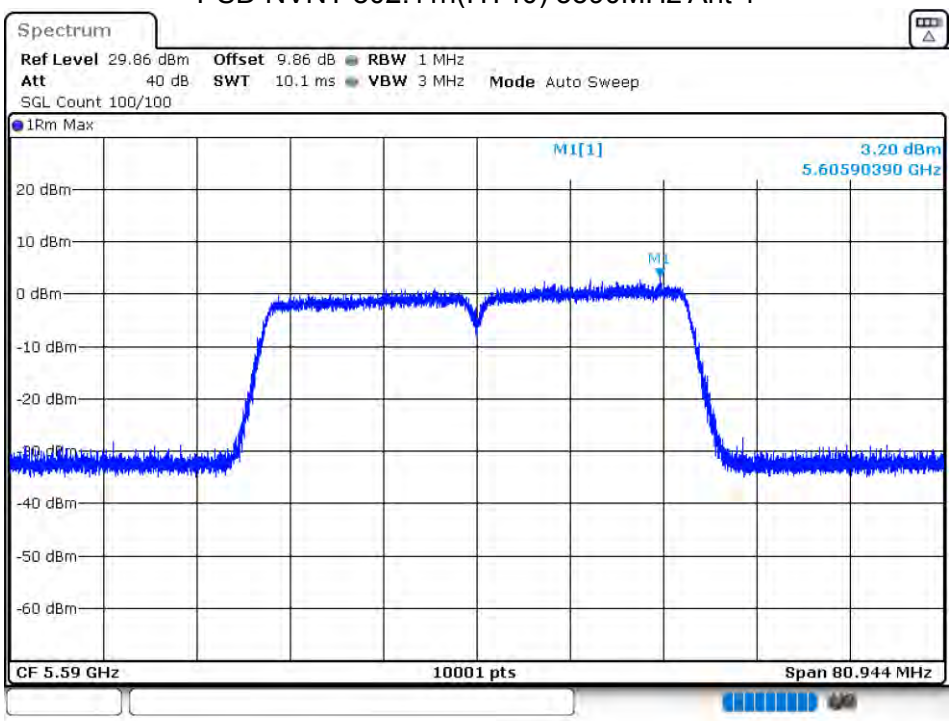
PSD NVNT 802.11n(HT20) 5700MHz Ant 2



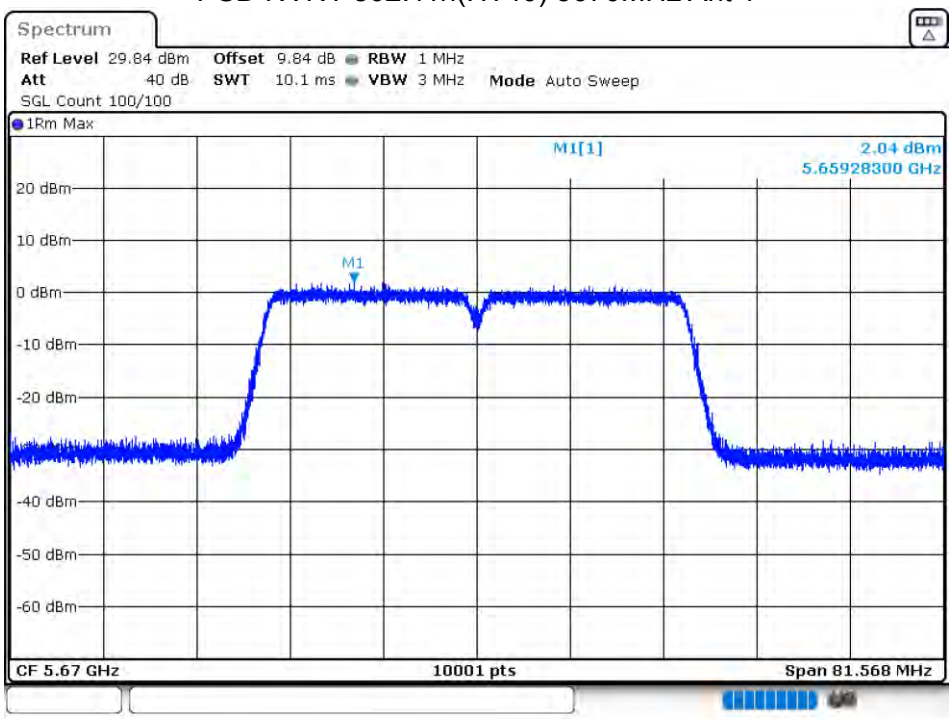
PSD NVNT 802.11n(HT40) 5510MHz Ant 1



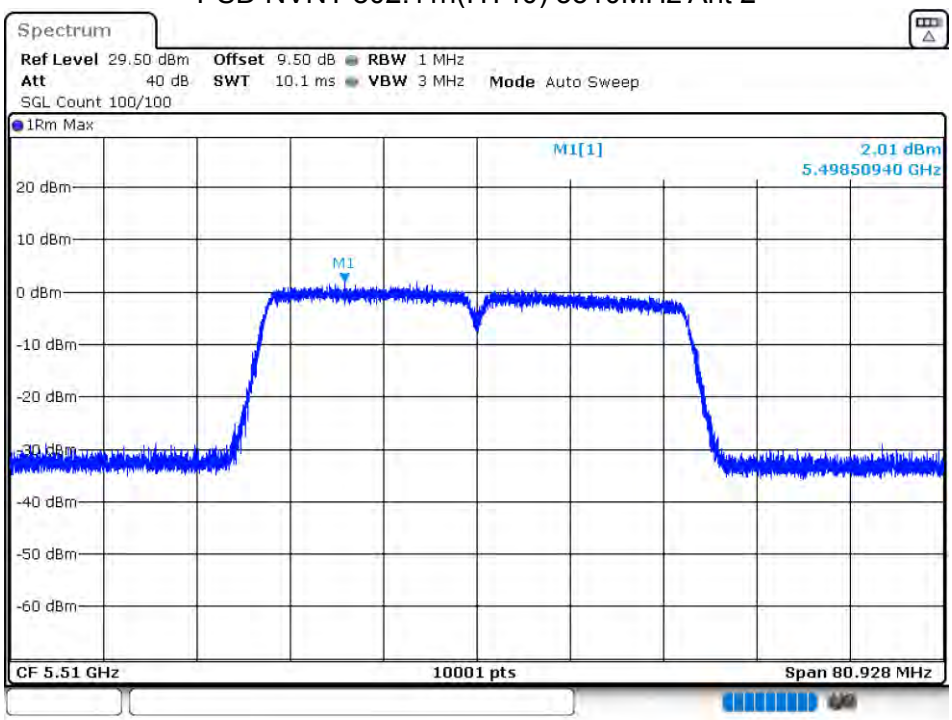
PSD NVNT 802.11n(HT40) 5590MHz Ant 1



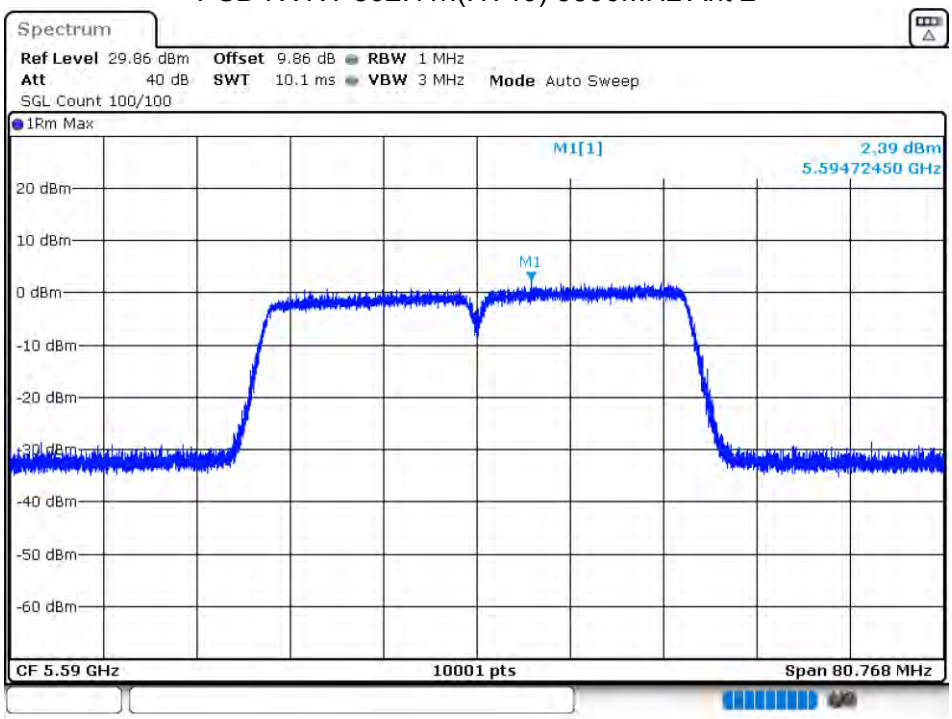
PSD NVNT 802.11n(HT40) 5670MHz Ant 1



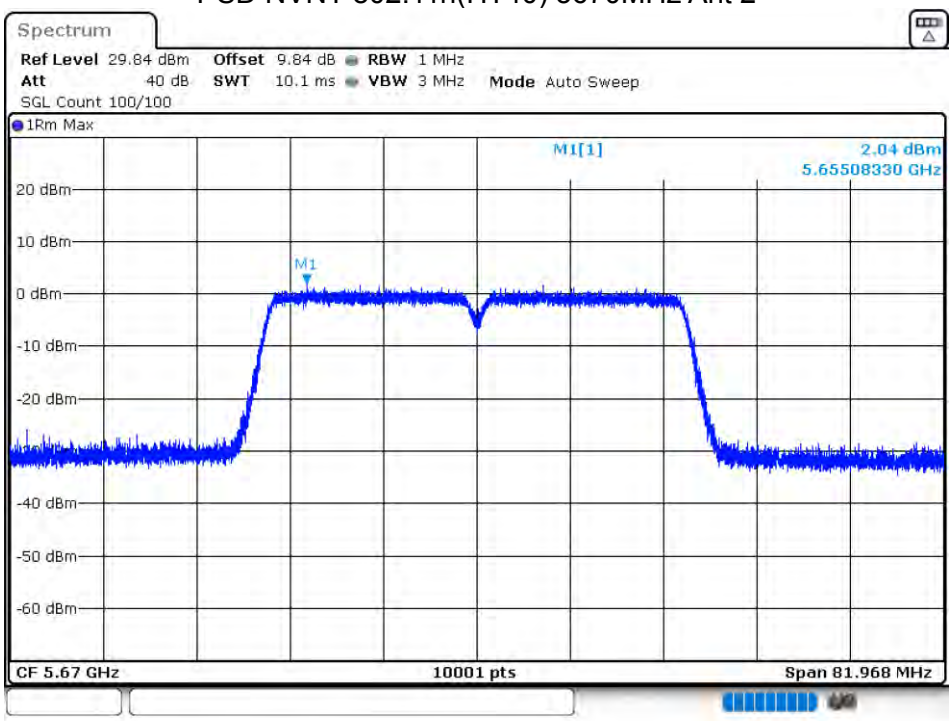
PSD NVNT 802.11n(HT40) 5510MHz Ant 2



PSD NVNT 802.11n(HT40) 5590MHz Ant 2



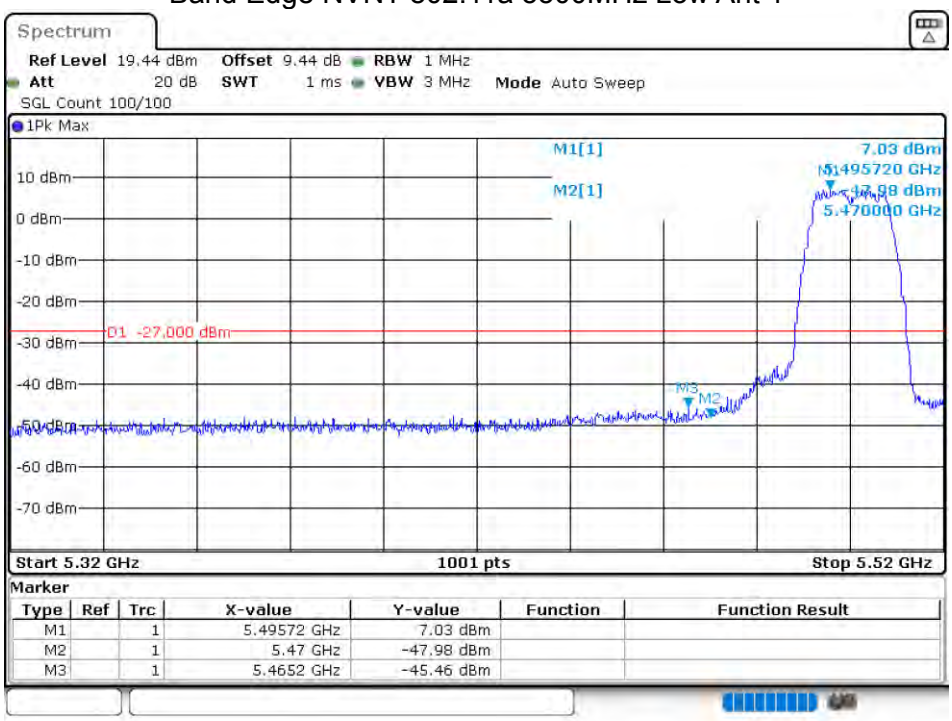
PSD NVNT 802.11n(HT40) 5670MHz Ant 2



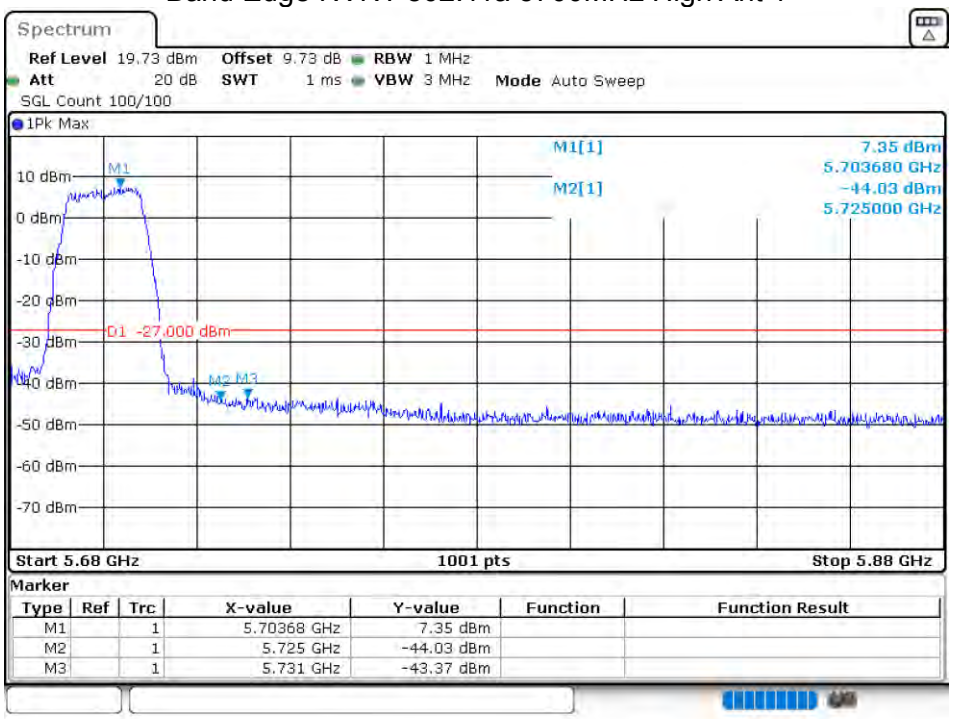
11.3.5 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	-45.46	-27	Pass
NVNT	802.11a	5700	Ant 1	-43.37	-27	Pass
NVNT	802.11a	5500	Ant 2	-44.75	-27	Pass
NVNT	802.11a	5700	Ant 2	-41.94	-27	Pass
NVNT	802.11ac20	5500	Ant 1	-44.27	-27	Pass
NVNT	802.11ac20	5700	Ant 1	-42.02	-27	Pass
NVNT	802.11ac20	5500	Ant 2	-45.29	-27	Pass
NVNT	802.11ac20	5700	Ant 2	-41.34	-27	Pass
NVNT	802.11ac40	5510	Ant 1	-32.86	-27	Pass
NVNT	802.11ac40	5670	Ant 1	-39.03	-27	Pass
NVNT	802.11ac40	5510	Ant 2	-36.34	-27	Pass
NVNT	802.11ac40	5670	Ant 2	-39.72	-27	Pass
NVNT	802.11ac80	5530	Ant 1	-36.23	-27	Pass
NVNT	802.11ac80	5610	Ant 1	-45.28	-27	Pass
NVNT	802.11ac80	5530	Ant 2	-35.03	-27	Pass
NVNT	802.11ac80	5610	Ant 2	-45.14	-27	Pass
NVNT	802.11n(HT20)	5500	Ant 1	-45.4	-27	Pass
NVNT	802.11n(HT20)	5700	Ant 1	-42.39	-27	Pass
NVNT	802.11n(HT20)	5500	Ant 2	-43.91	-27	Pass
NVNT	802.11n(HT20)	5700	Ant 2	-41.21	-27	Pass
NVNT	802.11n(HT40)	5510	Ant 1	-35.3	-27	Pass
NVNT	802.11n(HT40)	5670	Ant 1	-39.43	-27	Pass
NVNT	802.11n(HT40)	5510	Ant 2	-35.52	-27	Pass
NVNT	802.11n(HT40)	5670	Ant 2	-37.63	-27	Pass

Band Edge NVNT 802.11a 5500MHz Low Ant 1



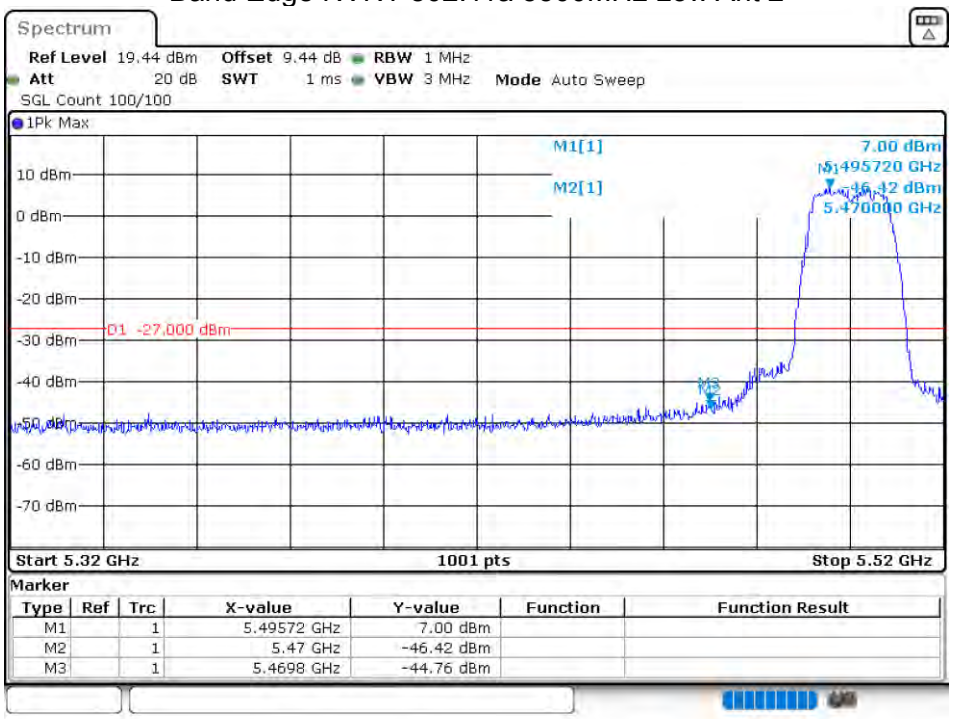
Band Edge NVNT 802.11a 5700MHz High Ant 1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.70368 GHz	7.35 dBm		
M2		1	5.725 GHz	-44.03 dBm		
M3		1	5.731 GHz	-43.37 dBm		

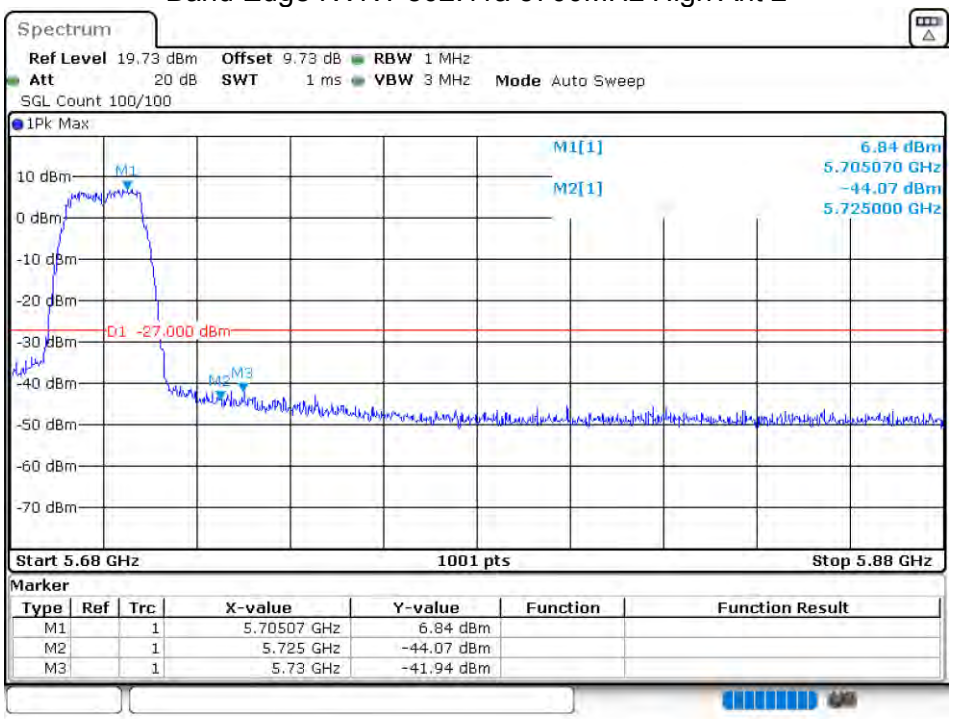
Band Edge NVNT 802.11a 5500MHz Low Ant 2



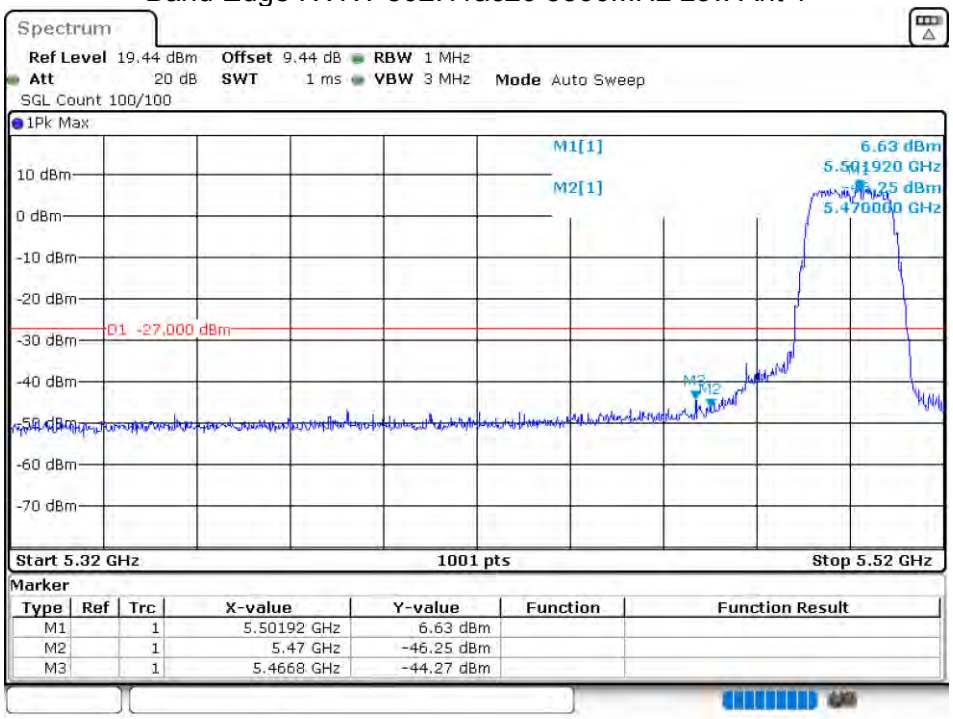
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.49572 GHz	7.00 dBm		
M2		1	5.47 GHz	-46.42 dBm		
M3		1	5.4698 GHz	-44.76 dBm		

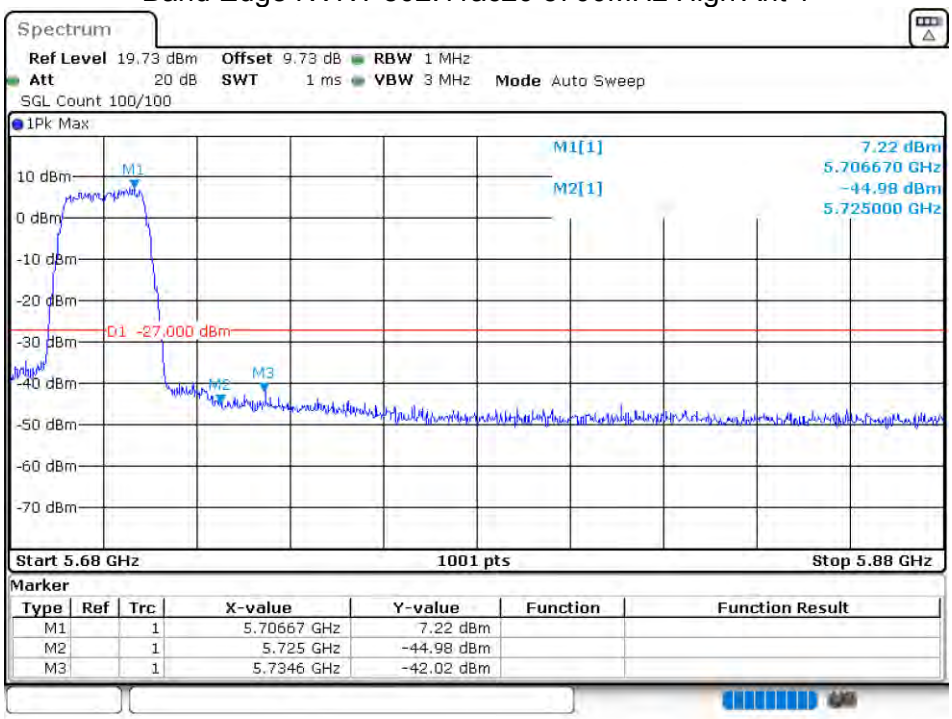
Band Edge NVNT 802.11a 5700MHz High Ant 2



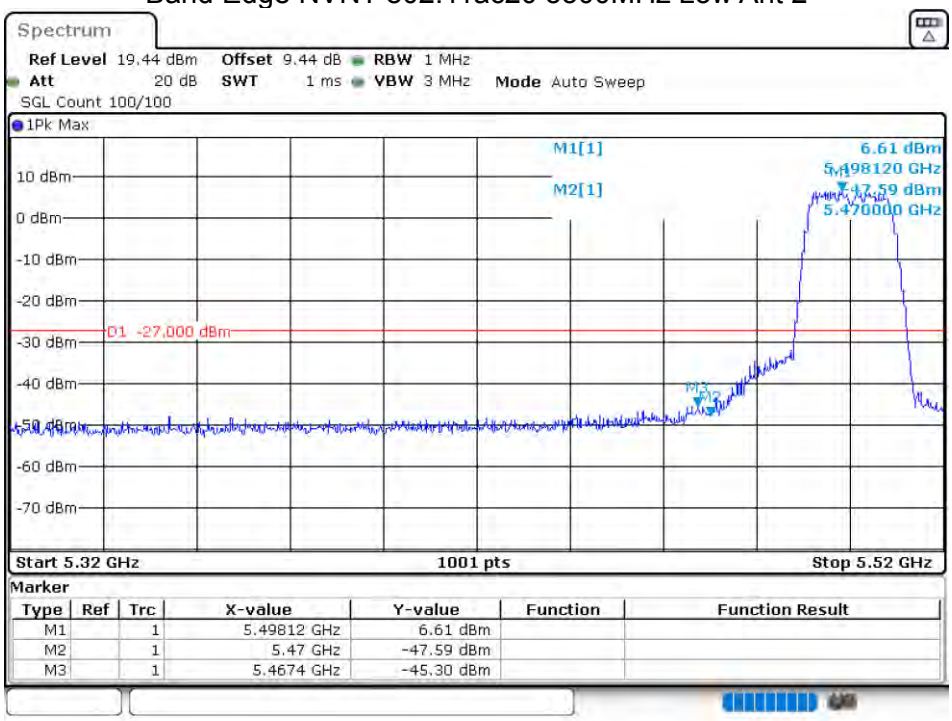
Band Edge NVNT 802.11ac20 5500MHz Low Ant 1



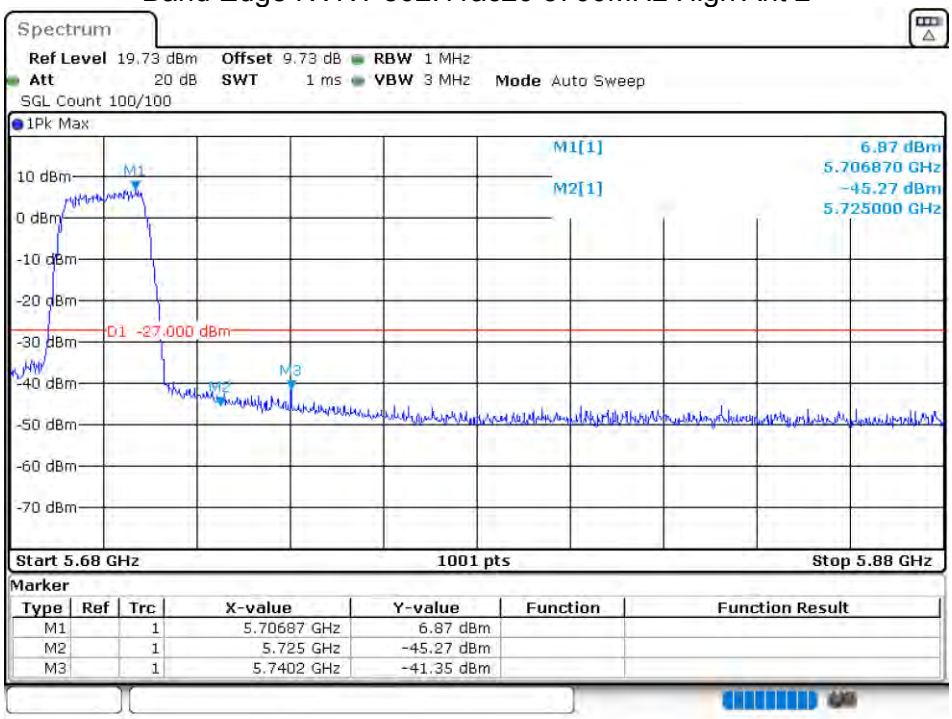
Band Edge NVNT 802.11ac20 5700MHz High Ant 1



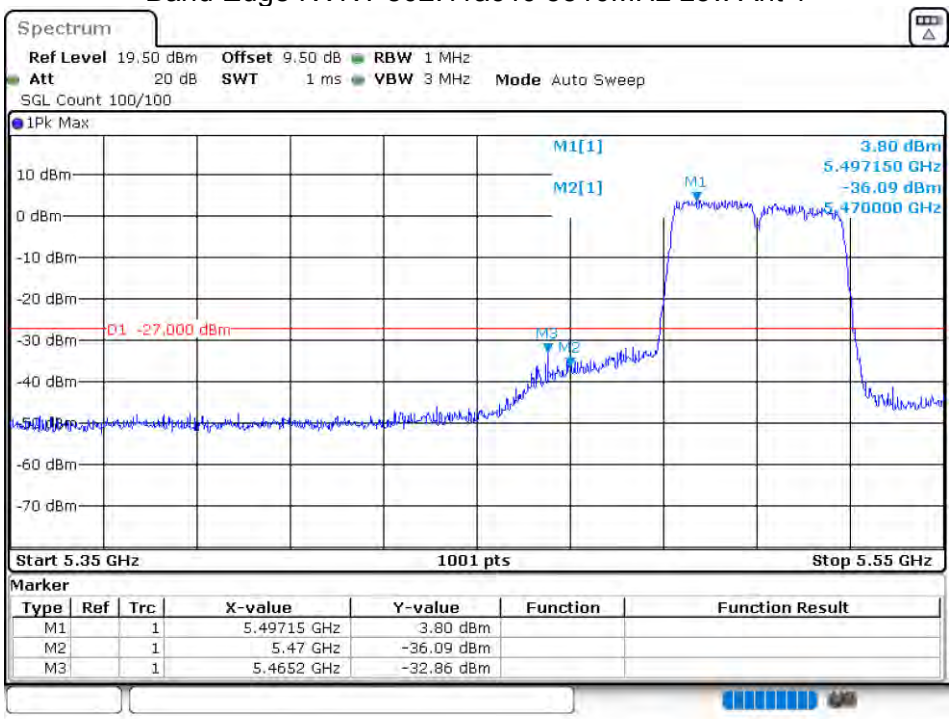
Band Edge NVNT 802.11ac20 5500MHz Low Ant 2



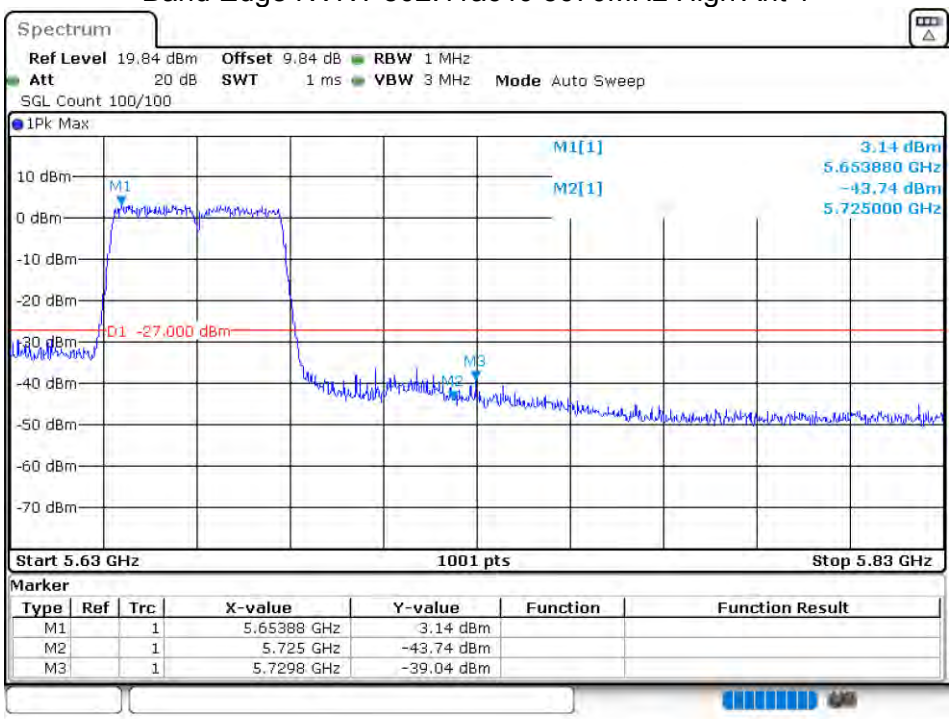
Band Edge NVNT 802.11ac20 5700MHz High Ant 2



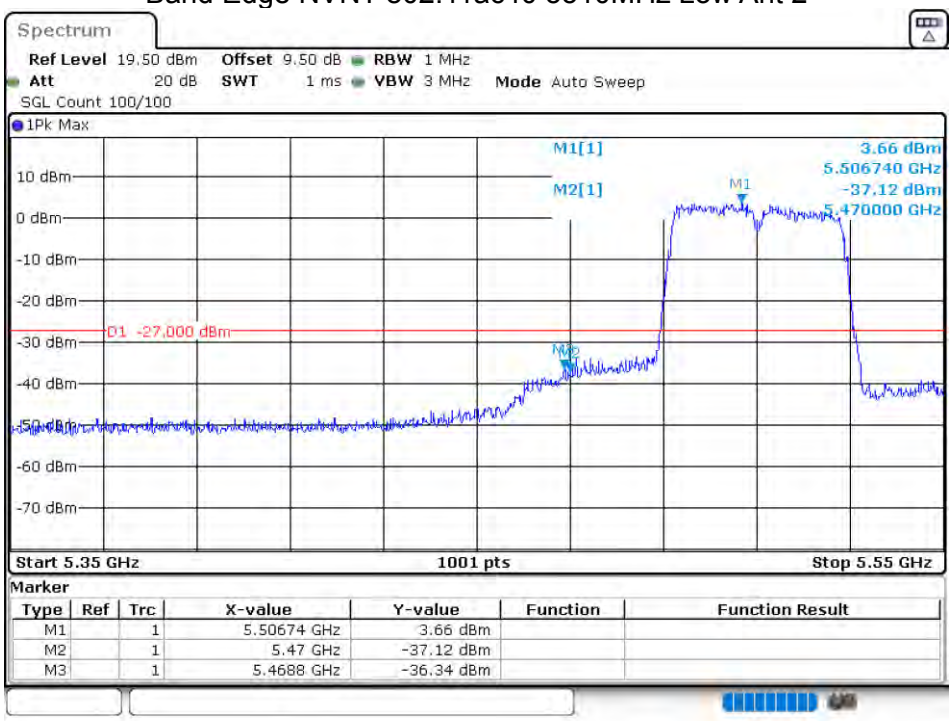
Band Edge NVNT 802.11ac40 5510MHz Low Ant 1



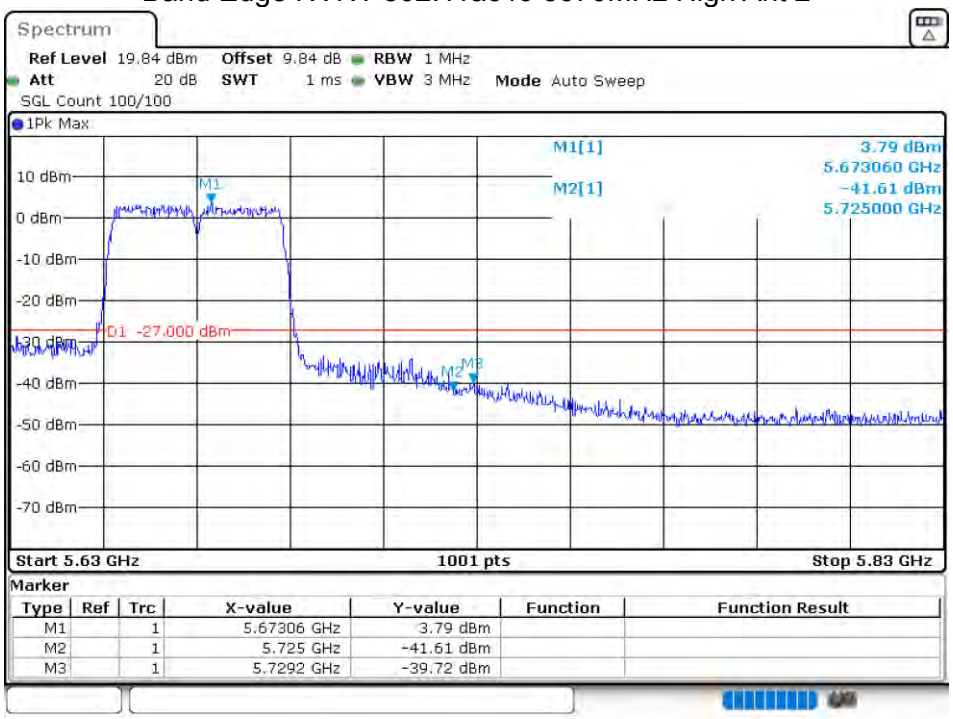
Band Edge NVNT 802.11ac40 5670MHz High Ant 1



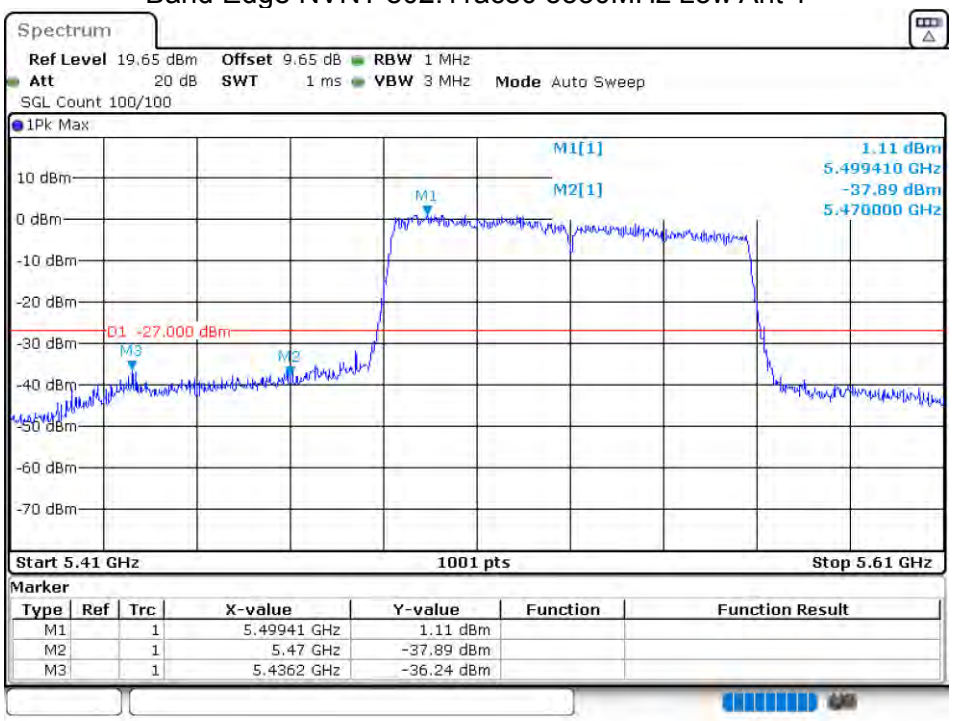
Band Edge NVNT 802.11ac40 5510MHz Low Ant 2



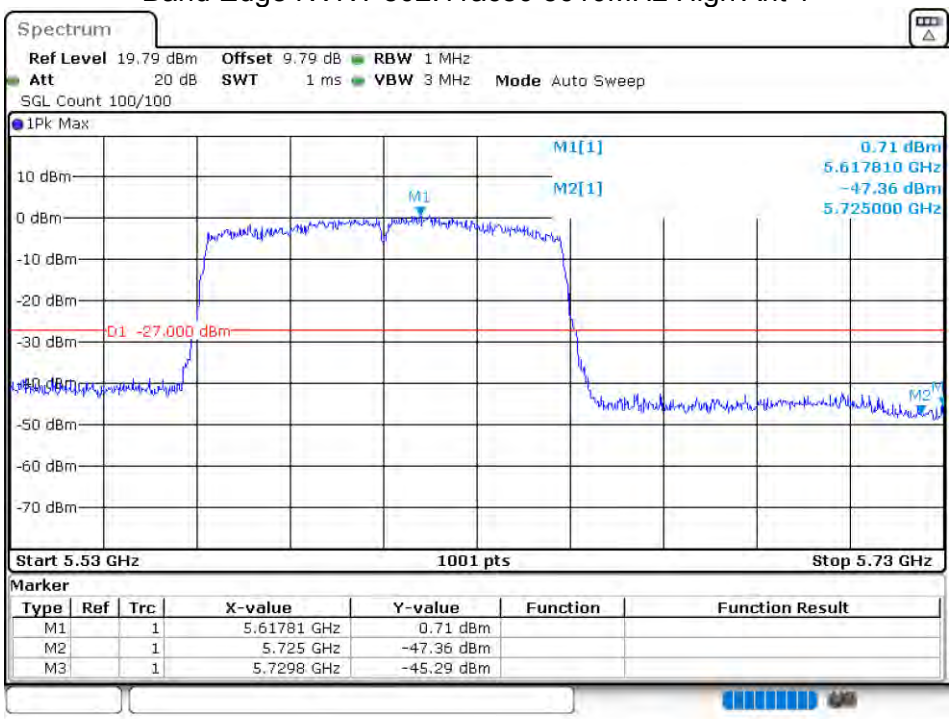
Band Edge NVNT 802.11ac40 5670MHz High Ant 2



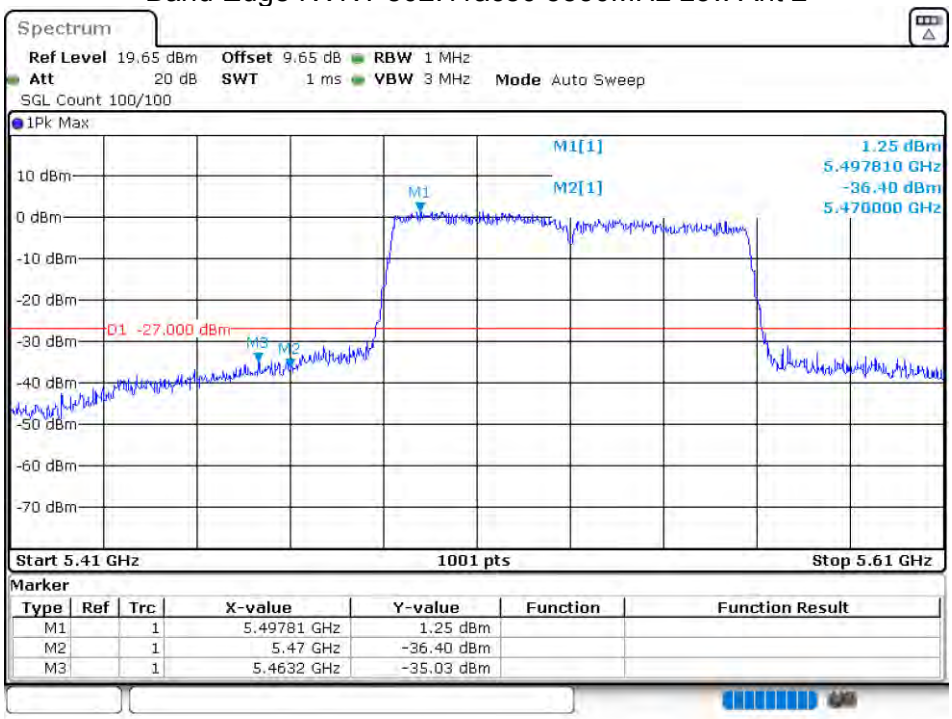
Band Edge NVNT 802.11ac80 5530MHz Low Ant 1



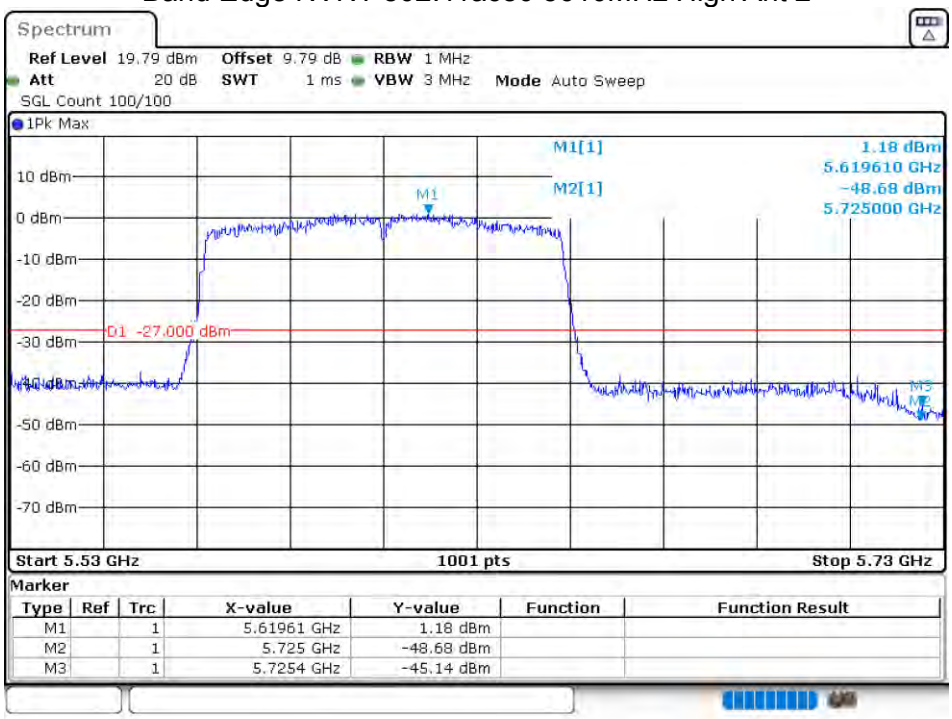
Band Edge NVNT 802.11ac80 5610MHz High Ant 1



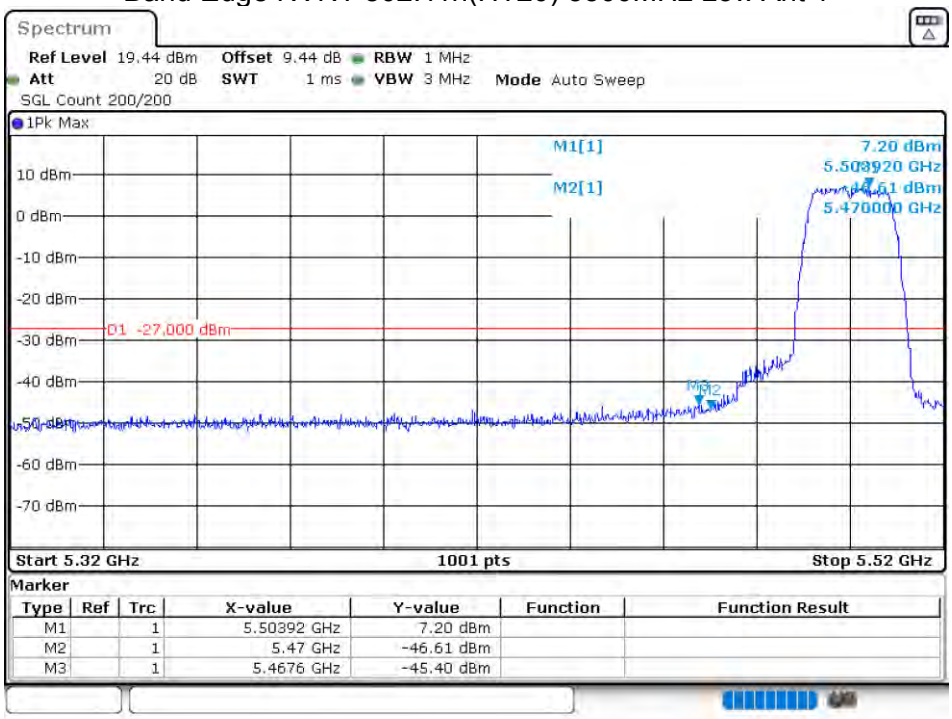
Band Edge NVNT 802.11ac80 5530MHz Low Ant 2



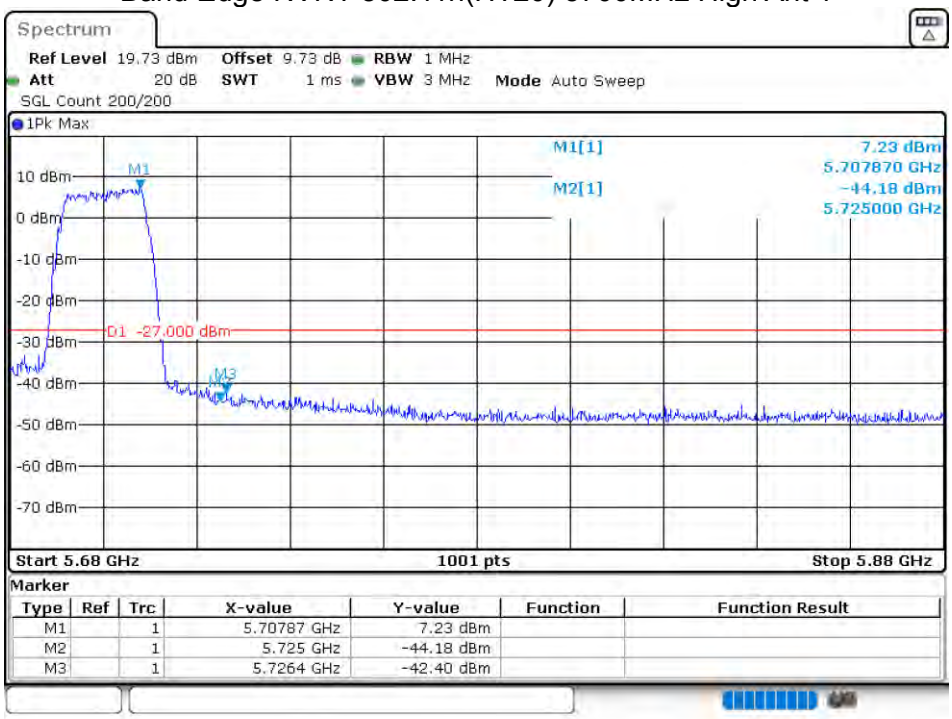
Band Edge NVNT 802.11ac80 5610MHz High Ant 2



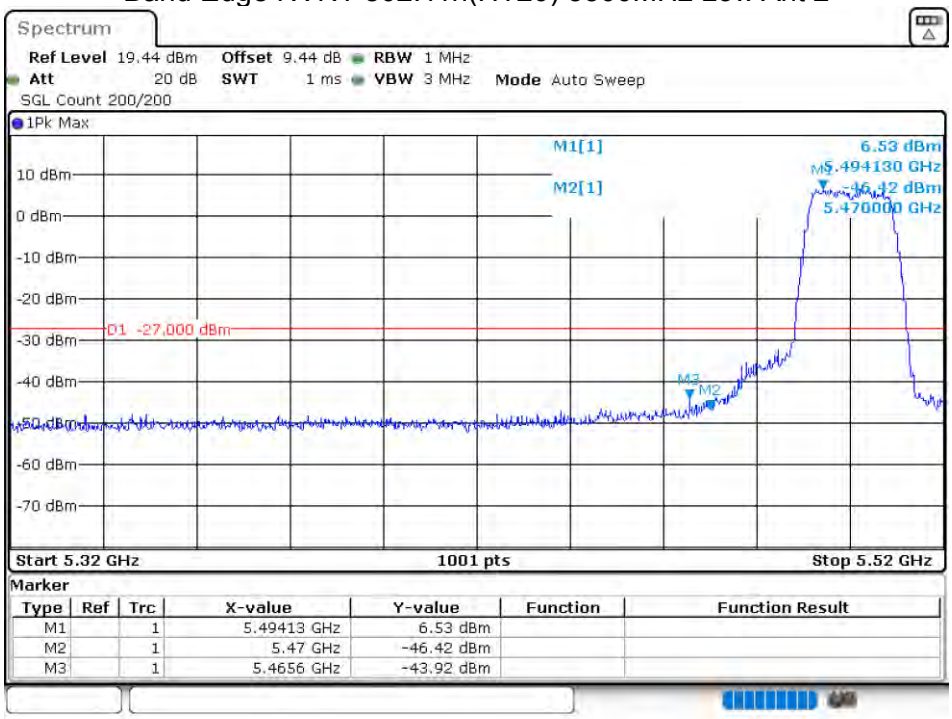
Band Edge NVNT 802.11n(HT20) 5500MHz Low Ant 1



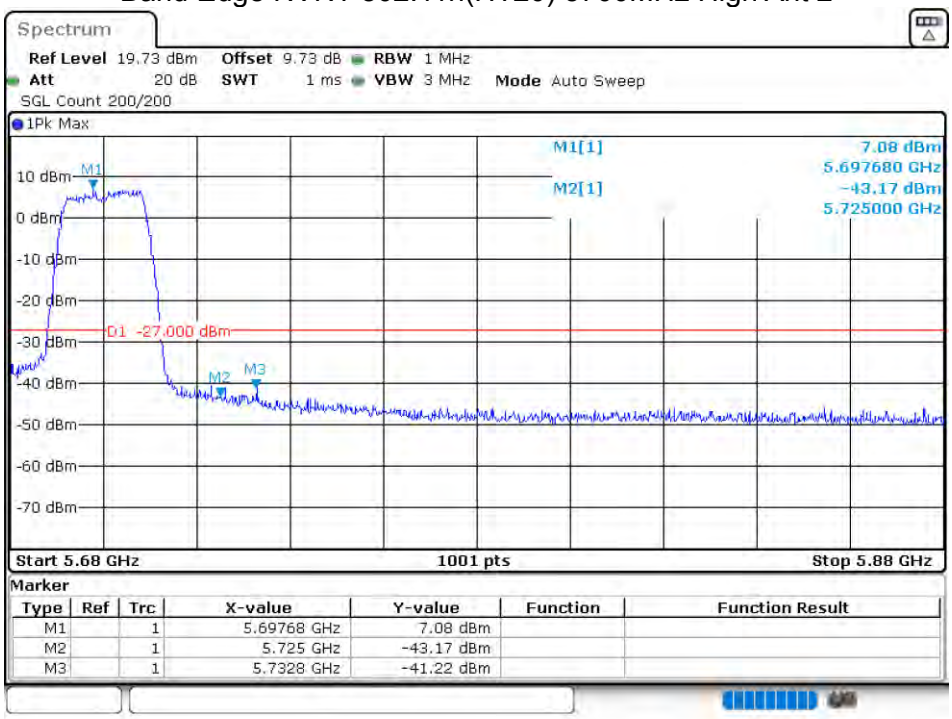
Band Edge NVNT 802.11n(HT20) 5700MHz High Ant 1



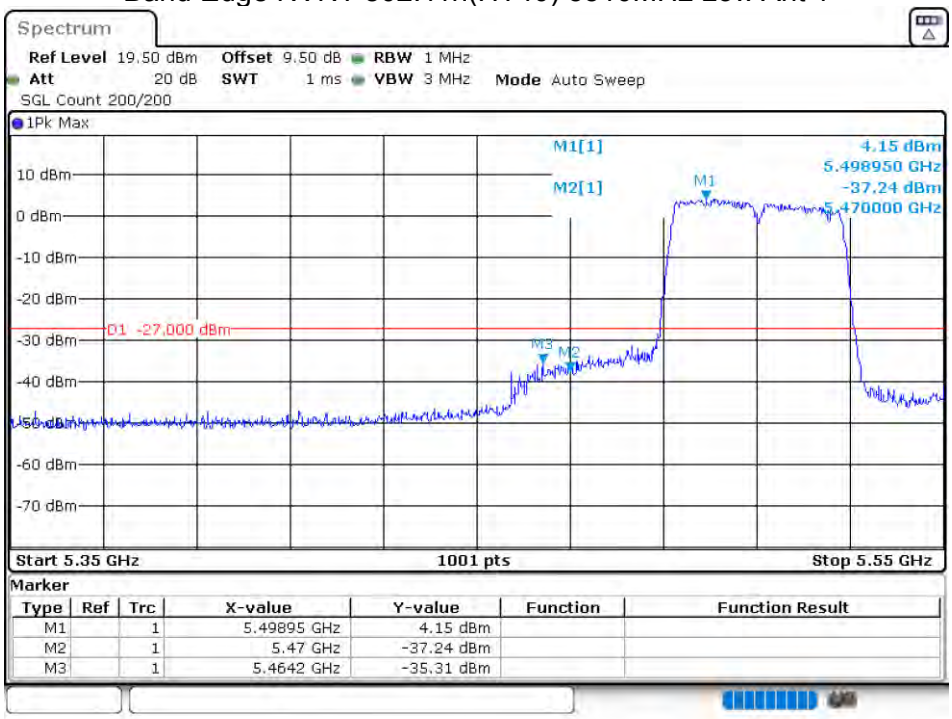
Band Edge NVNT 802.11n(HT20) 5500MHz Low Ant 2



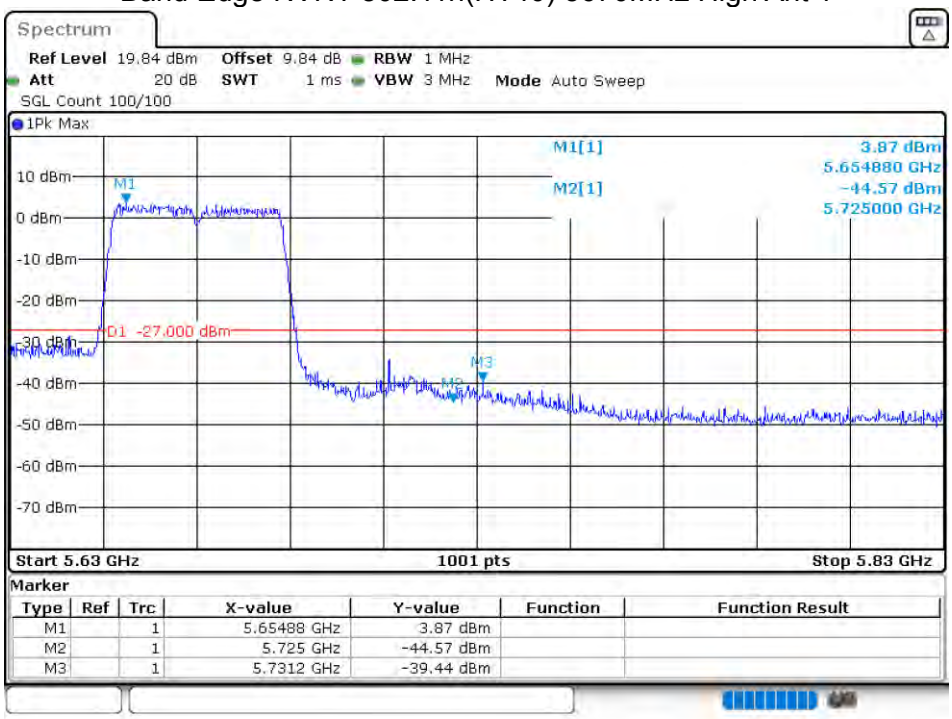
Band Edge NVNT 802.11n(HT20) 5700MHz High Ant 2



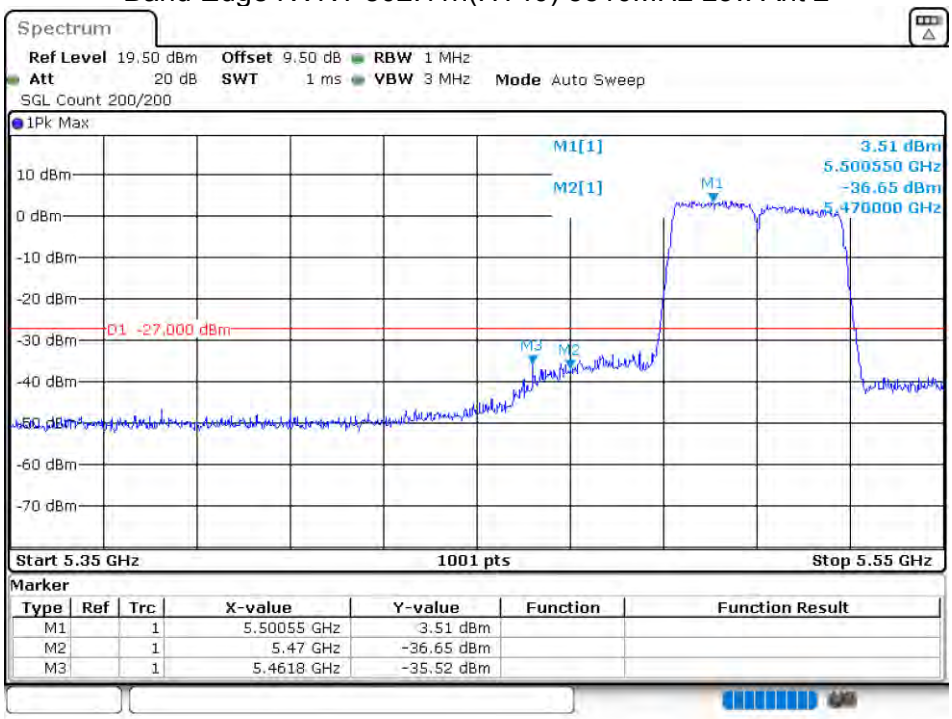
Band Edge NVNT 802.11n(HT40) 5510MHz Low Ant 1



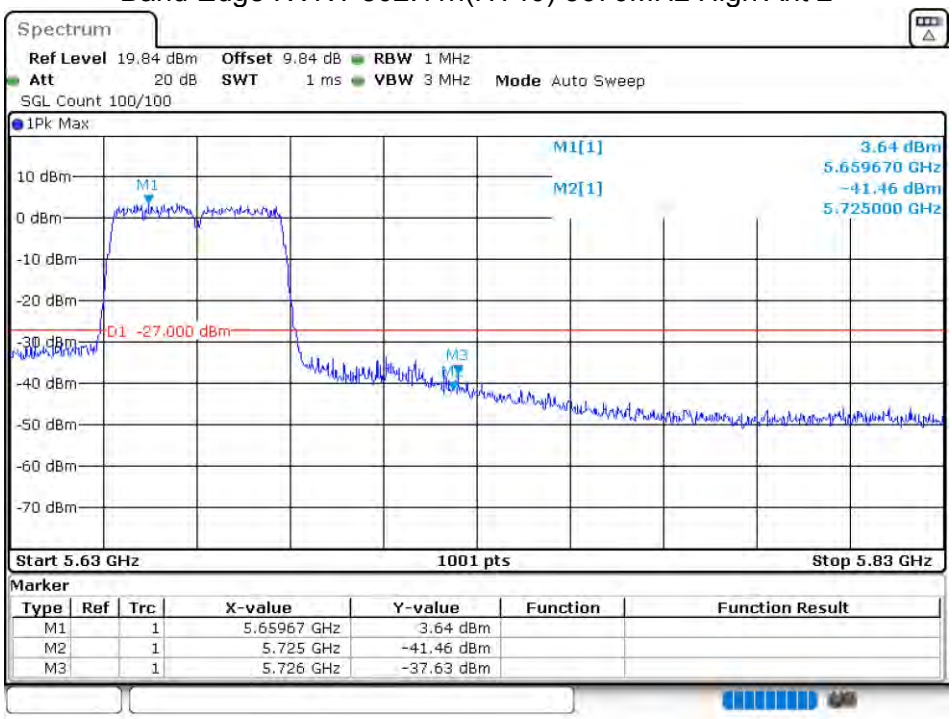
Band Edge NVNT 802.11n(HT40) 5670MHz High Ant 1



Band Edge NVNT 802.11n(HT40) 5510MHz Low Ant 2



Band Edge NVNT 802.11n(HT40) 5670MHz High Ant 2



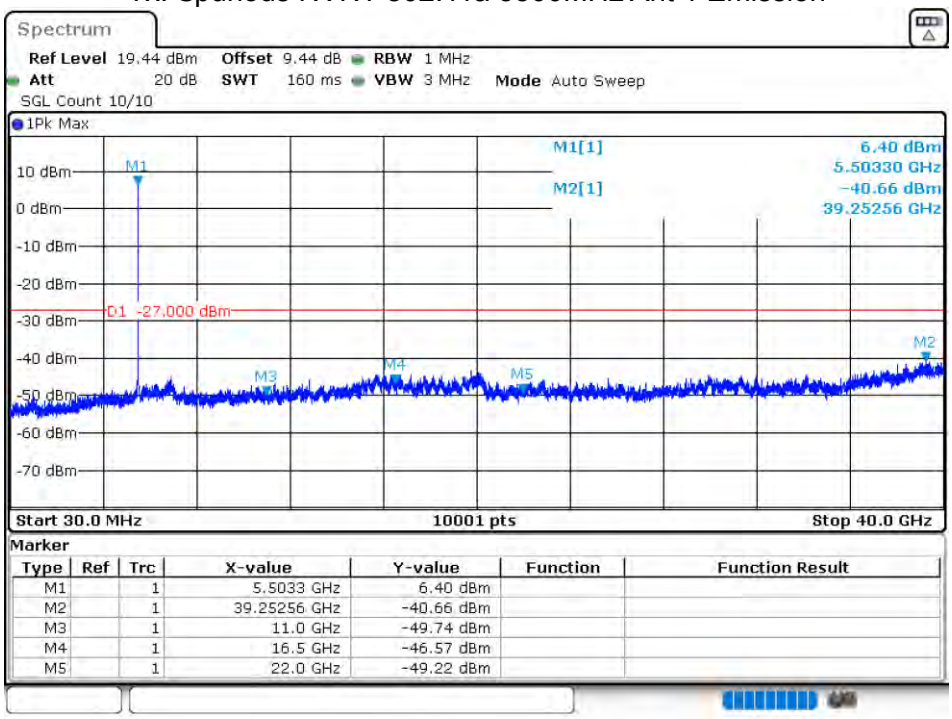
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.65967 GHz	3.64 dBm		
M2		1	5.725 GHz	-41.46 dBm		
M3		1	5.726 GHz	-37.63 dBm		

11.3.6 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5500	Ant 1	-40.65	-27	Pass
NVNT	802.11a	5600	Ant 1	-39.93	-27	Pass
NVNT	802.11a	5700	Ant 1	-40.51	-27	Pass
NVNT	802.11a	5500	Ant 2	-41.43	-27	Pass
NVNT	802.11a	5600	Ant 2	-39.84	-27	Pass
NVNT	802.11a	5700	Ant 2	-40.75	-27	Pass
NVNT	802.11ac20	5500	Ant 1	-40.61	-27	Pass
NVNT	802.11ac20	5600	Ant 1	-40.83	-27	Pass
NVNT	802.11ac20	5700	Ant 1	-40.75	-27	Pass
NVNT	802.11ac20	5500	Ant 2	-40.51	-27	Pass
NVNT	802.11ac20	5600	Ant 2	-39.64	-27	Pass
NVNT	802.11ac20	5700	Ant 2	-40.63	-27	Pass
NVNT	802.11ac40	5510	Ant 1	-41.38	-27	Pass
NVNT	802.11ac40	5590	Ant 1	-40.73	-27	Pass
NVNT	802.11ac40	5670	Ant 1	-40.72	-27	Pass
NVNT	802.11ac40	5510	Ant 2	-40.54	-27	Pass
NVNT	802.11ac40	5590	Ant 2	-40.75	-27	Pass
NVNT	802.11ac40	5670	Ant 2	-41.11	-27	Pass
NVNT	802.11ac80	5530	Ant 1	-39.44	-27	Pass
NVNT	802.11ac80	5610	Ant 1	-41	-27	Pass
NVNT	802.11ac80	5530	Ant 2	-40.72	-27	Pass
NVNT	802.11ac80	5610	Ant 2	-41.12	-27	Pass
NVNT	802.11n(HT20)	5500	Ant 1	-40.87	-27	Pass
NVNT	802.11n(HT20)	5600	Ant 1	-40.34	-27	Pass
NVNT	802.11n(HT20)	5700	Ant 1	-40.97	-27	Pass
NVNT	802.11n(HT20)	5500	Ant 2	-40.83	-27	Pass
NVNT	802.11n(HT20)	5600	Ant 2	-40.71	-27	Pass
NVNT	802.11n(HT20)	5700	Ant 2	-40.42	-27	Pass
NVNT	802.11n(HT40)	5510	Ant 1	-40.67	-27	Pass
NVNT	802.11n(HT40)	5590	Ant 1	-40.84	-27	Pass
NVNT	802.11n(HT40)	5670	Ant 1	-40.31	-27	Pass
NVNT	802.11n(HT40)	5510	Ant 2	-41.34	-27	Pass
NVNT	802.11n(HT40)	5590	Ant 2	-40.02	-27	Pass
NVNT	802.11n(HT40)	5670	Ant 2	-38.73	-27	Pass

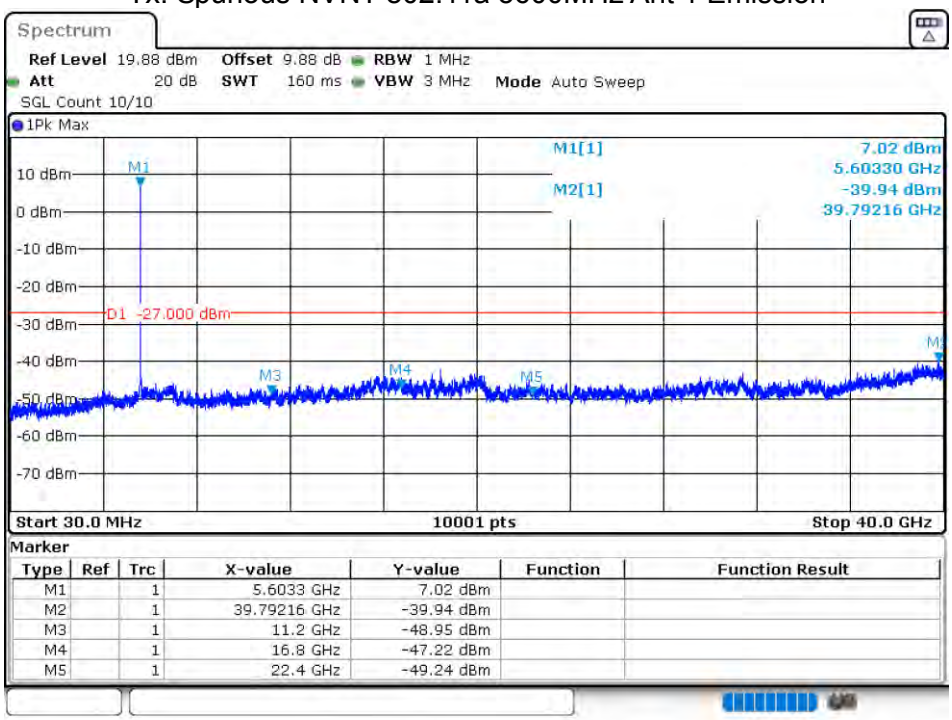
Tx. Spurious NVNT 802.11a 5500MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5033 GHz	6.40 dBm		
M2		1	39.25256 GHz	-40.66 dBm		
M3		1	11.0 GHz	-49.74 dBm		
M4		1	16.5 GHz	-46.57 dBm		
M5		1	22.0 GHz	-49.22 dBm		

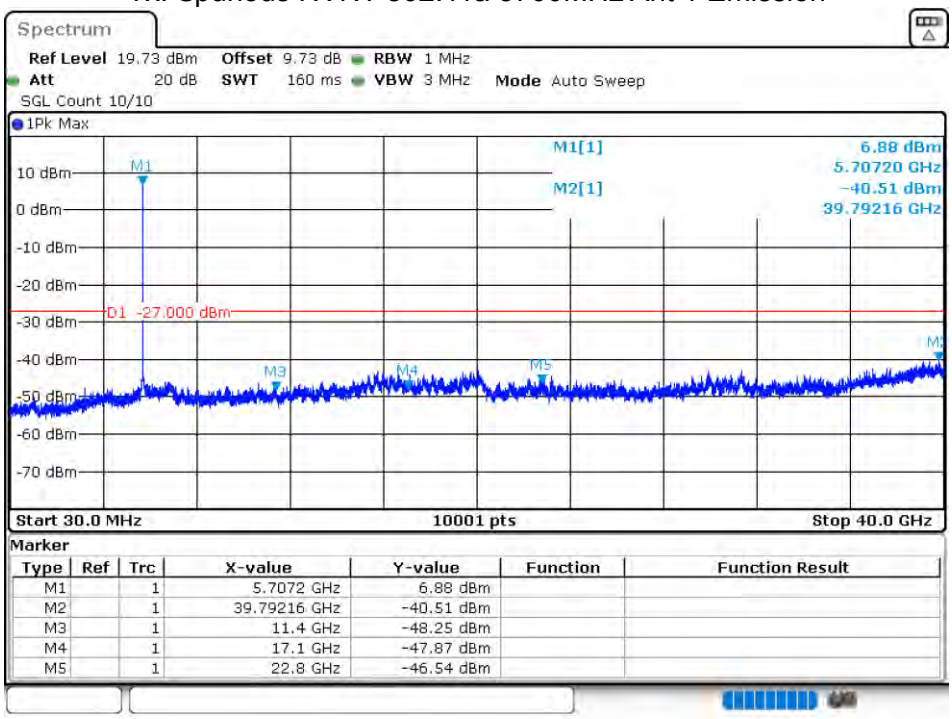
Tx. Spurious NVNT 802.11a 5600MHz Ant 1 Emission



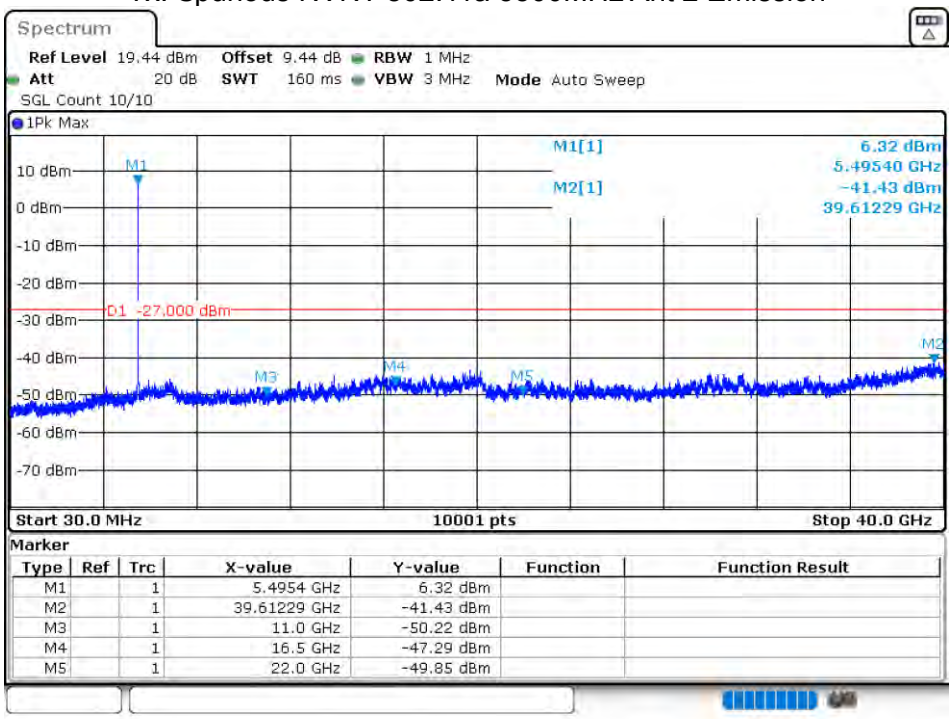
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6033 GHz	7.02 dBm		
M2		1	39.79216 GHz	-39.94 dBm		
M3		1	11.2 GHz	-48.95 dBm		
M4		1	16.8 GHz	-47.22 dBm		
M5		1	22.4 GHz	-49.24 dBm		

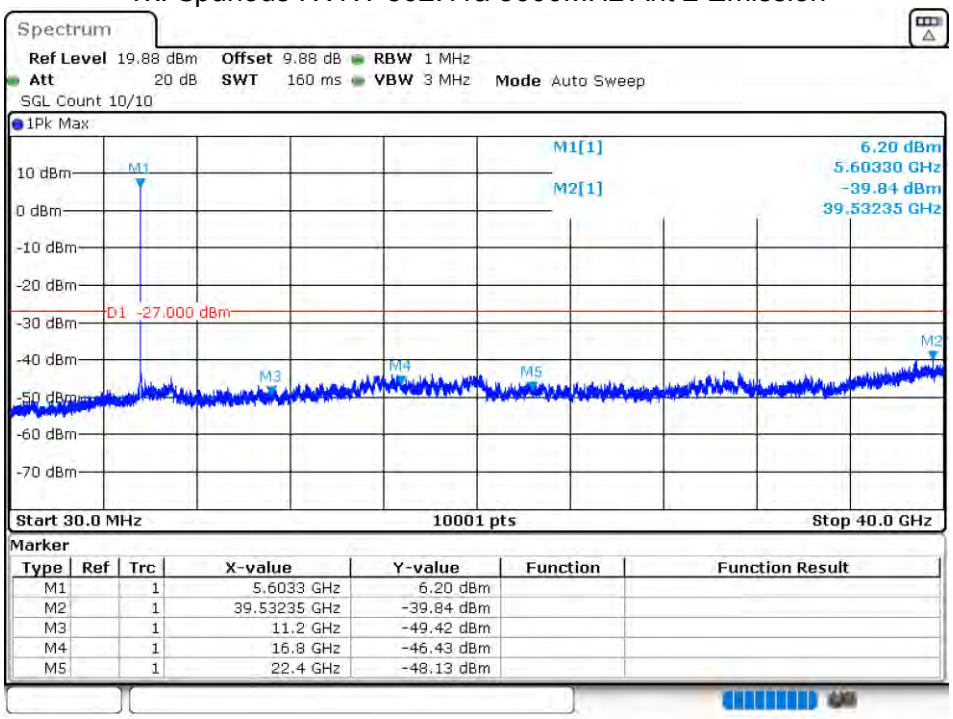
Tx. Spurious NVNT 802.11a 5700MHz Ant 1 Emission



Tx. Spurious NVNT 802.11a 5500MHz Ant 2 Emission



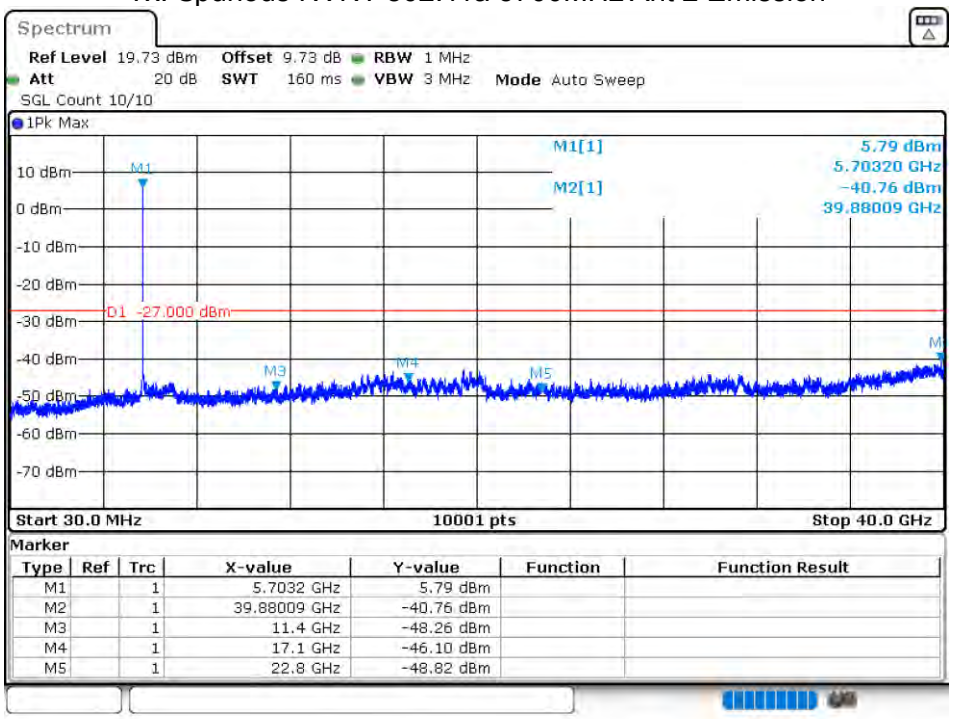
Tx. Spurious NVNT 802.11a 5600MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6033 GHz	6.20 dBm		
M2		1	39.53235 GHz	-39.84 dBm		
M3		1	11.2 GHz	-49.42 dBm		
M4		1	16.8 GHz	-46.43 dBm		
M5		1	22.4 GHz	-48.13 dBm		

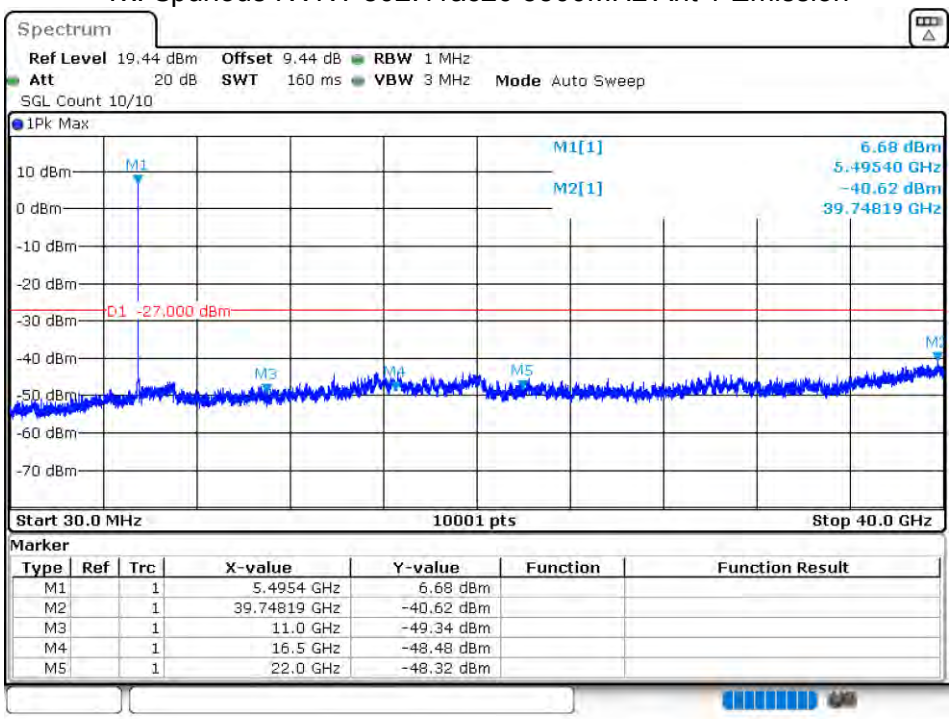
Tx. Spurious NVNT 802.11a 5700MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7032 GHz	5.79 dBm		
M2		1	39.88009 GHz	-40.76 dBm		
M3		1	11.4 GHz	-48.26 dBm		
M4		1	17.1 GHz	-46.10 dBm		
M5		1	22.8 GHz	-48.82 dBm		

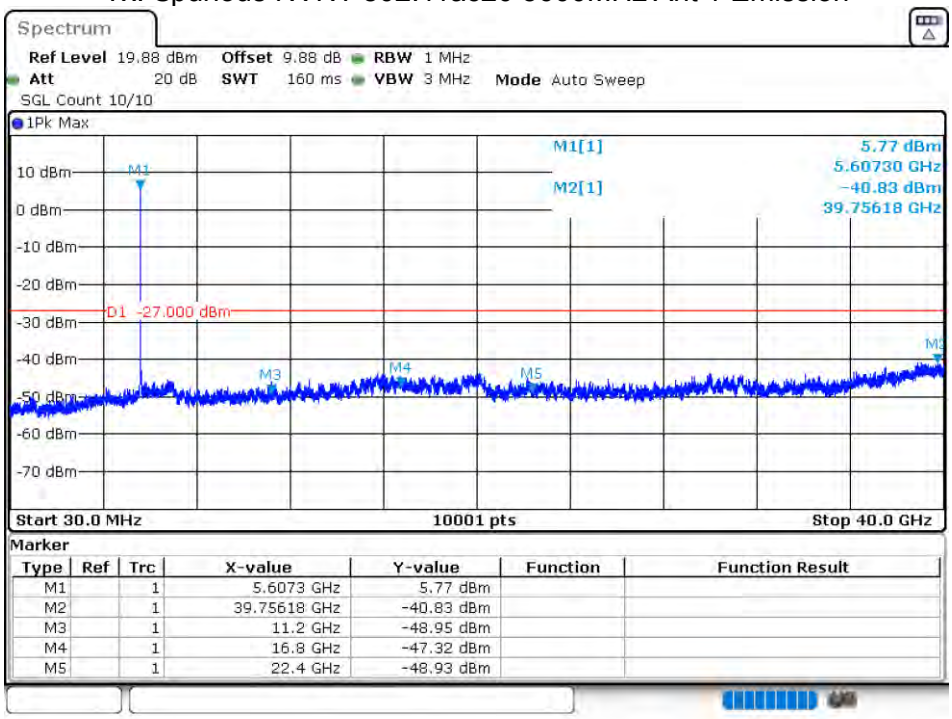
Tx. Spurious NVNT 802.11ac20 5500MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4954 GHz	6.68 dBm		
M2		1	39.74819 GHz	-40.62 dBm		
M3		1	11.0 GHz	-49.34 dBm		
M4		1	16.5 GHz	-48.48 dBm		
M5		1	22.0 GHz	-48.32 dBm		

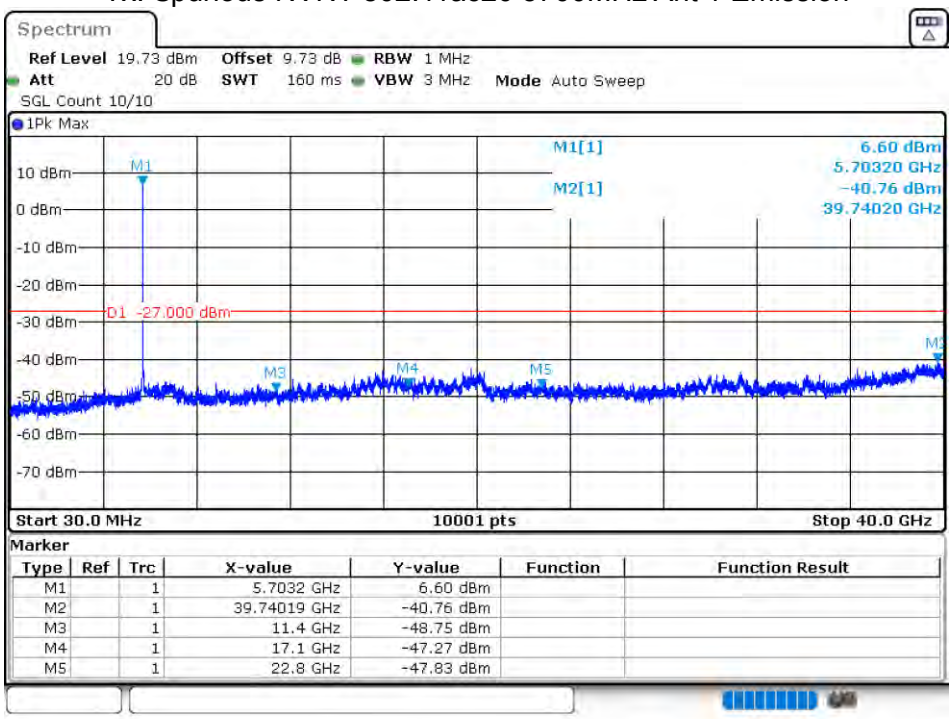
Tx. Spurious NVNT 802.11ac20 5600MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6073 GHz	5.77 dBm		
M2		1	39.75618 GHz	-40.83 dBm		
M3		1	11.2 GHz	-48.95 dBm		
M4		1	16.8 GHz	-47.32 dBm		
M5		1	22.4 GHz	-48.93 dBm		

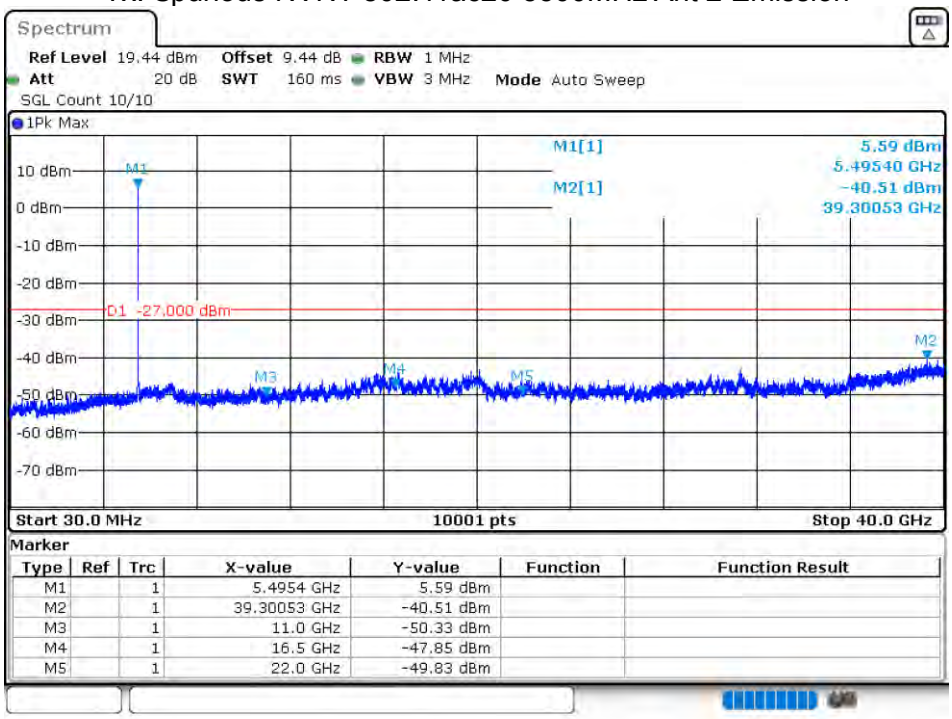
Tx. Spurious NVNT 802.11ac20 5700MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7032 GHz	6.60 dBm		
M2		1	39.74019 GHz	-40.76 dBm		
M3		1	11.4 GHz	-48.75 dBm		
M4		1	17.1 GHz	-47.27 dBm		
M5		1	22.8 GHz	-47.83 dBm		

Tx. Spurious NVNT 802.11ac20 5500MHz Ant 2 Emission



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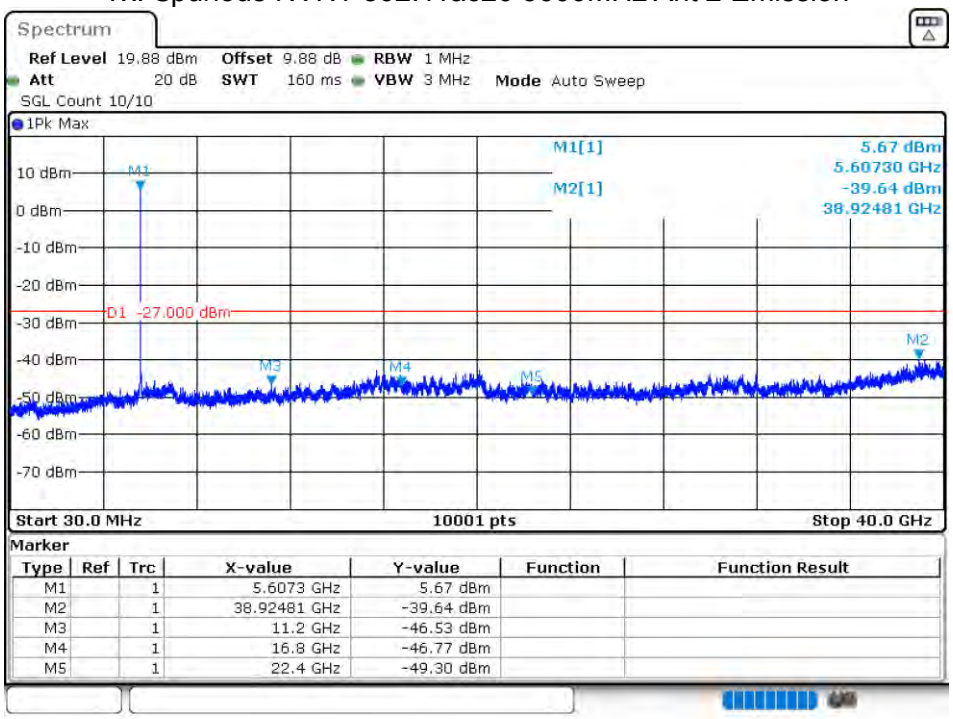
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4954 GHz	5.59 dBm		
M2		1	39.30053 GHz	-40.51 dBm		
M3		1	11.0 GHz	-50.33 dBm		
M4		1	16.5 GHz	-47.85 dBm		
M5		1	22.0 GHz	-49.83 dBm		

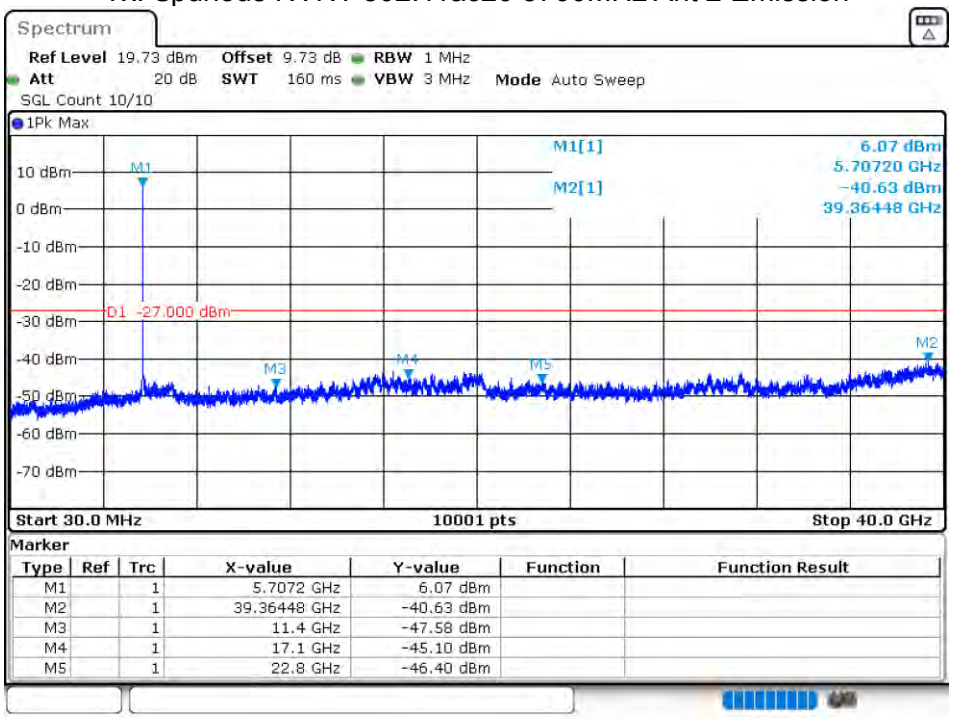
Tx. Spurious NVNT 802.11ac20 5600MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6073 GHz	5.67 dBm		
M2		1	38.92481 GHz	-39.64 dBm		
M3		1	11.2 GHz	-46.53 dBm		
M4		1	16.8 GHz	-46.77 dBm		
M5		1	22.4 GHz	-49.30 dBm		

Tx. Spurious NVNT 802.11ac20 5700MHz Ant 2 Emission



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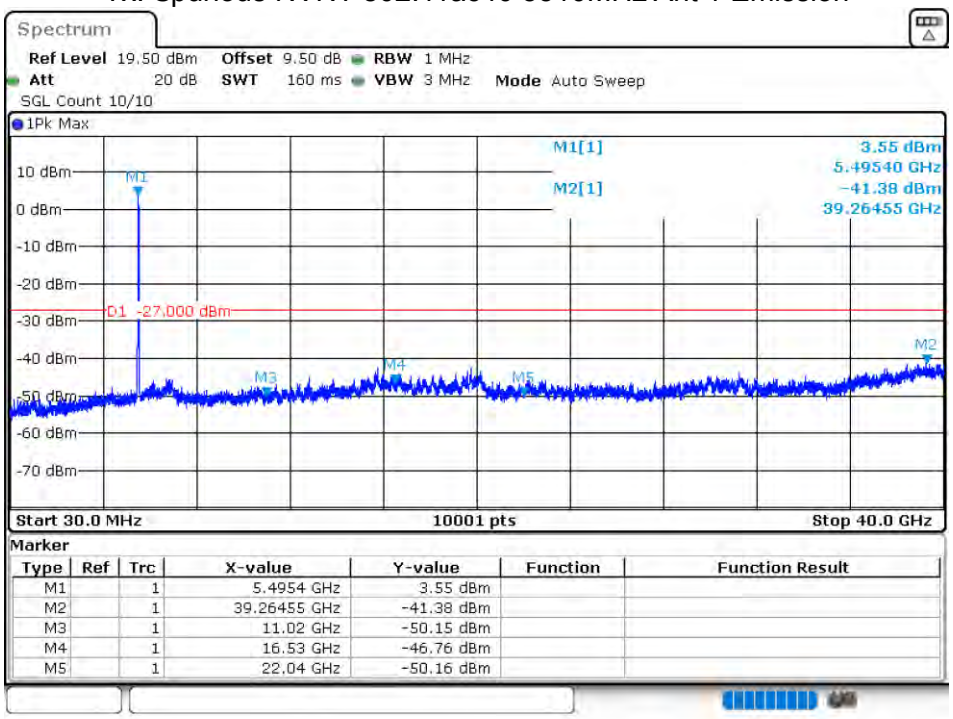
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7072 GHz	6.07 dBm		
M2		1	39.36448 GHz	-40.63 dBm		
M3		1	11.4 GHz	-47.58 dBm		
M4		1	17.1 GHz	-45.10 dBm		
M5		1	22.8 GHz	-46.40 dBm		

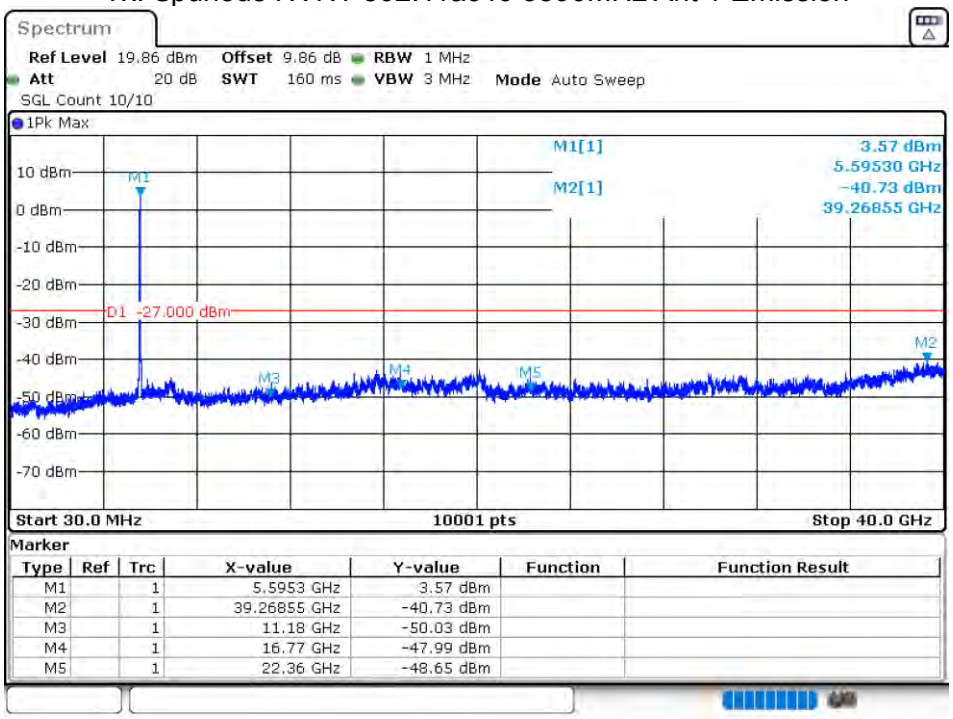
Tx. Spurious NVNT 802.11ac40 5510MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4954 GHz	3.55 dBm		
M2		1	39.26455 GHz	-41.38 dBm		
M3		1	11.02 GHz	-50.15 dBm		
M4		1	16.53 GHz	-46.76 dBm		
M5		1	22.04 GHz	-50.16 dBm		

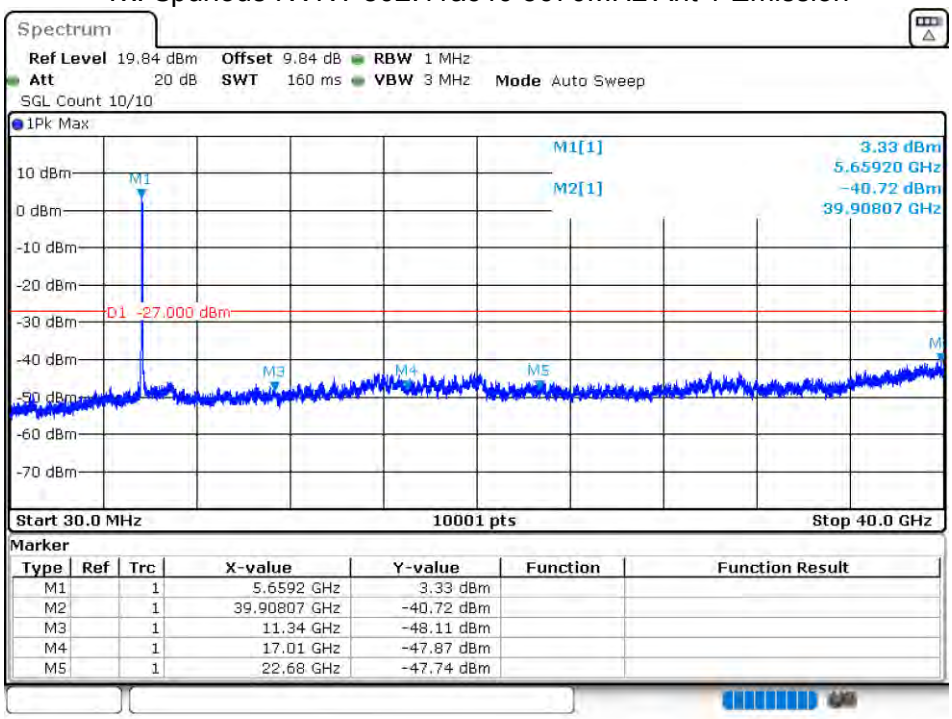
Tx. Spurious NVNT 802.11ac40 5590MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5953 GHz	3.57 dBm		
M2		1	39.26855 GHz	-40.73 dBm		
M3		1	11.18 GHz	-50.03 dBm		
M4		1	16.77 GHz	-47.99 dBm		
M5		1	22.36 GHz	-48.65 dBm		

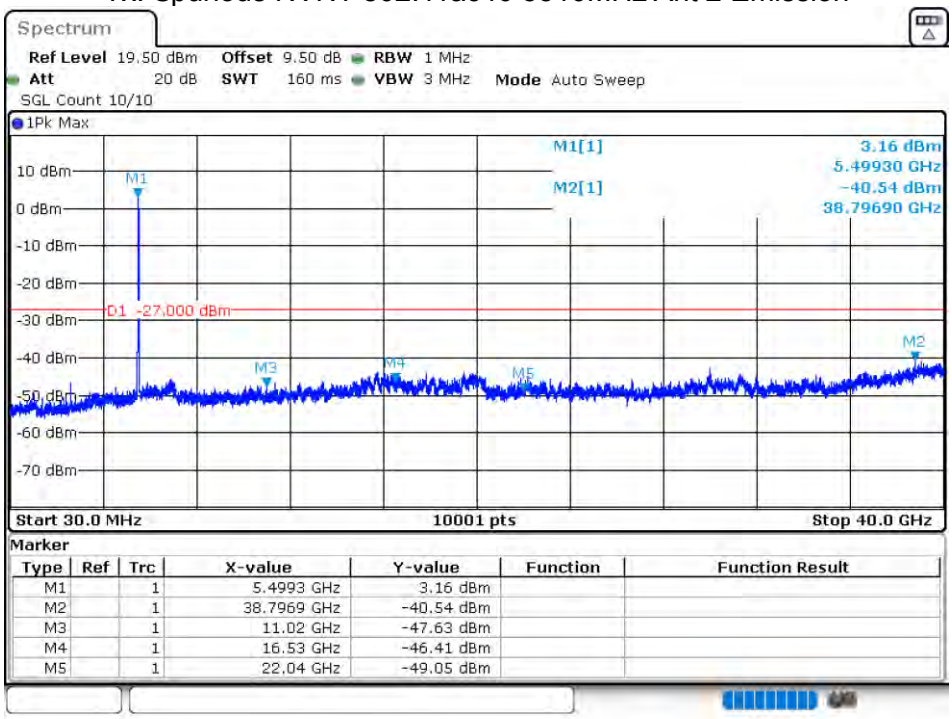
Tx. Spurious NVNT 802.11ac40 5670MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6592 GHz	3.33 dBm		
M2		1	39.90807 GHz	-40.72 dBm		
M3		1	11.34 GHz	-48.11 dBm		
M4		1	17.01 GHz	-47.87 dBm		
M5		1	22.68 GHz	-47.74 dBm		

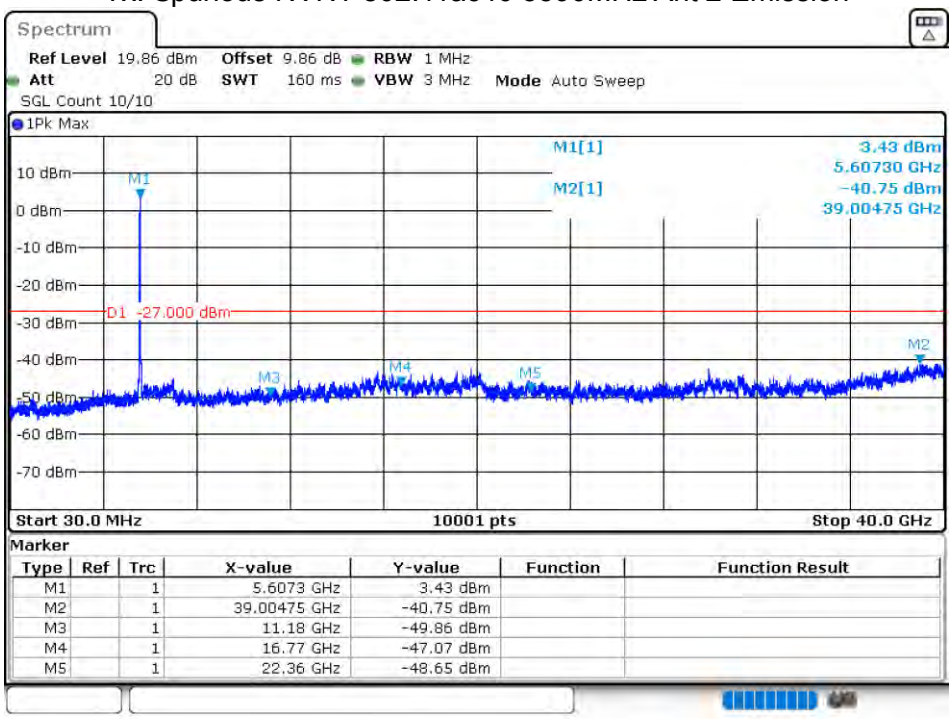
Tx. Spurious NVNT 802.11ac40 5510MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4993 GHz	3.16 dBm		
M2		1	38.7969 GHz	-40.54 dBm		
M3		1	11.02 GHz	-47.63 dBm		
M4		1	16.53 GHz	-46.41 dBm		
M5		1	22.04 GHz	-49.05 dBm		

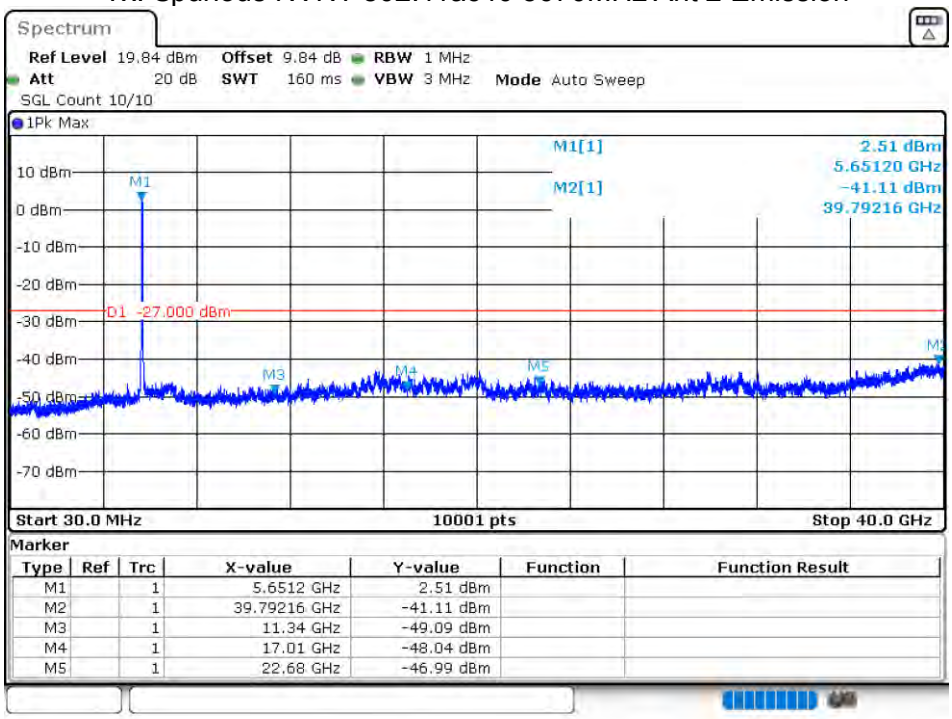
Tx. Spurious NVNT 802.11ac40 5590MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6073 GHz	3.43 dBm		
M2		1	39.00475 GHz	-40.75 dBm		
M3		1	11.18 GHz	-49.86 dBm		
M4		1	16.77 GHz	-47.07 dBm		
M5		1	22.36 GHz	-48.65 dBm		

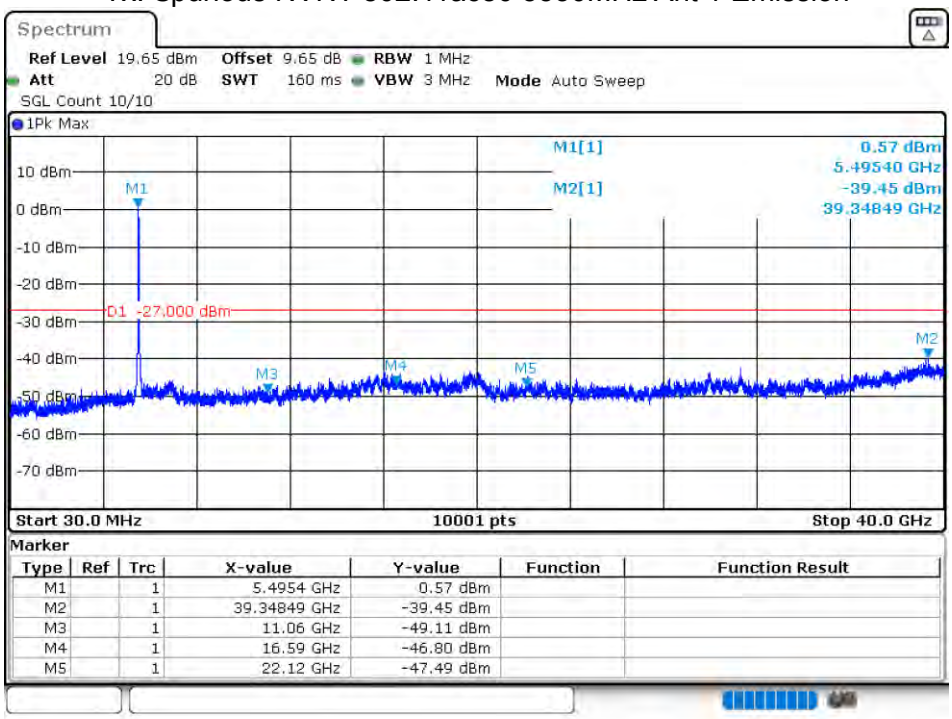
Tx. Spurious NVNT 802.11ac40 5670MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6512 GHz	2.51 dBm		
M2		1	39.79216 GHz	-41.11 dBm		
M3		1	11.34 GHz	-49.09 dBm		
M4		1	17.01 GHz	-48.04 dBm		
M5		1	22.68 GHz	-46.99 dBm		

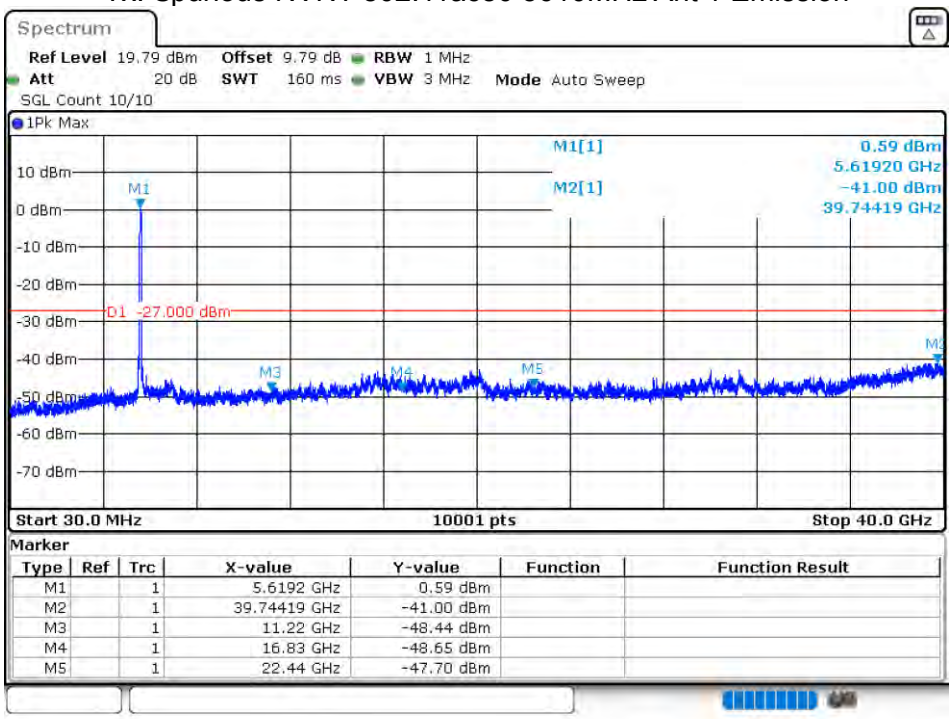
Tx. Spurious NVNT 802.11ac80 5530MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4954 GHz	0.57 dBm		
M2		1	39.34849 GHz	-39.45 dBm		
M3		1	11.06 GHz	-49.11 dBm		
M4		1	16.59 GHz	-46.80 dBm		
M5		1	22.12 GHz	-47.49 dBm		

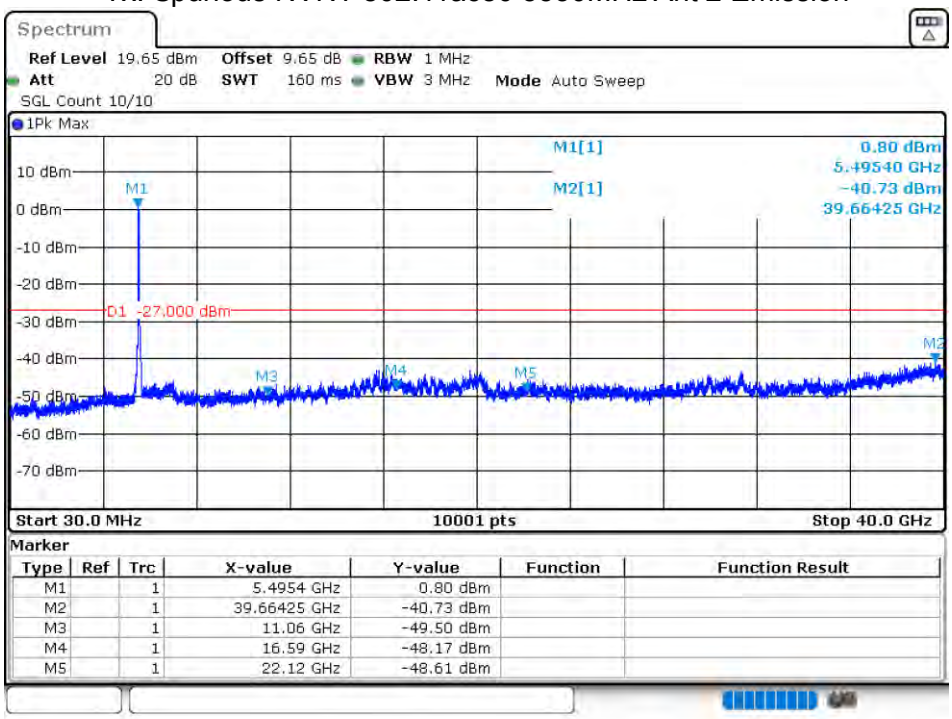
Tx. Spurious NVNT 802.11ac80 5610MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6192 GHz	0.59 dBm		
M2		1	39.74419 GHz	-41.00 dBm		
M3		1	11.22 GHz	-48.44 dBm		
M4		1	16.83 GHz	-48.65 dBm		
M5		1	22.44 GHz	-47.70 dBm		

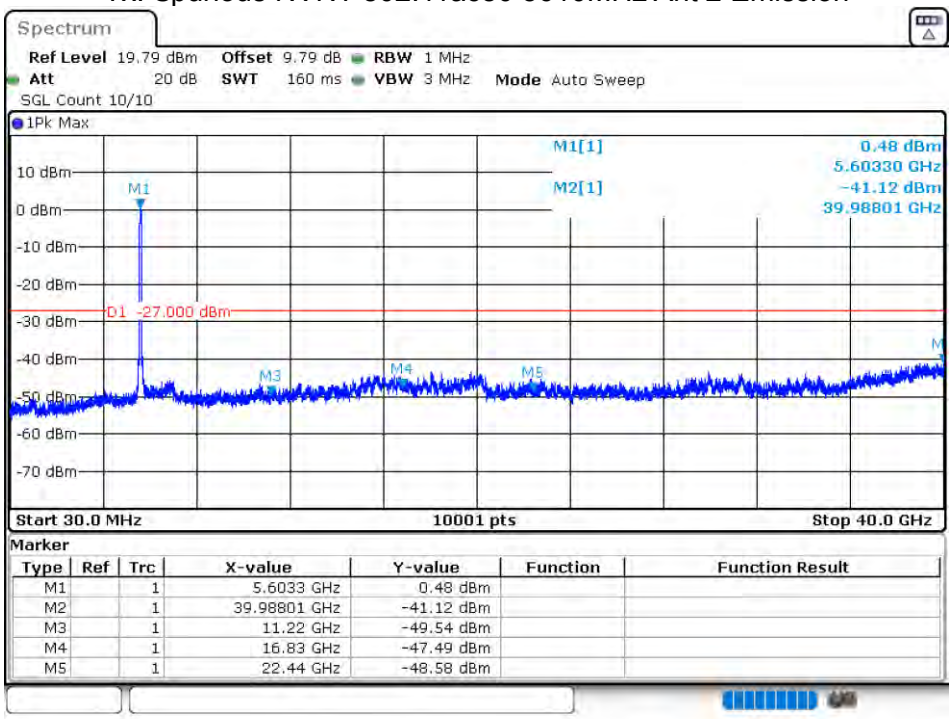
Tx. Spurious NVNT 802.11ac80 5530MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4954 GHz	0.80 dBm		
M2		1	39.66425 GHz	-40.73 dBm		
M3		1	11.06 GHz	-49.50 dBm		
M4		1	16.59 GHz	-48.17 dBm		
M5		1	22.12 GHz	-48.61 dBm		

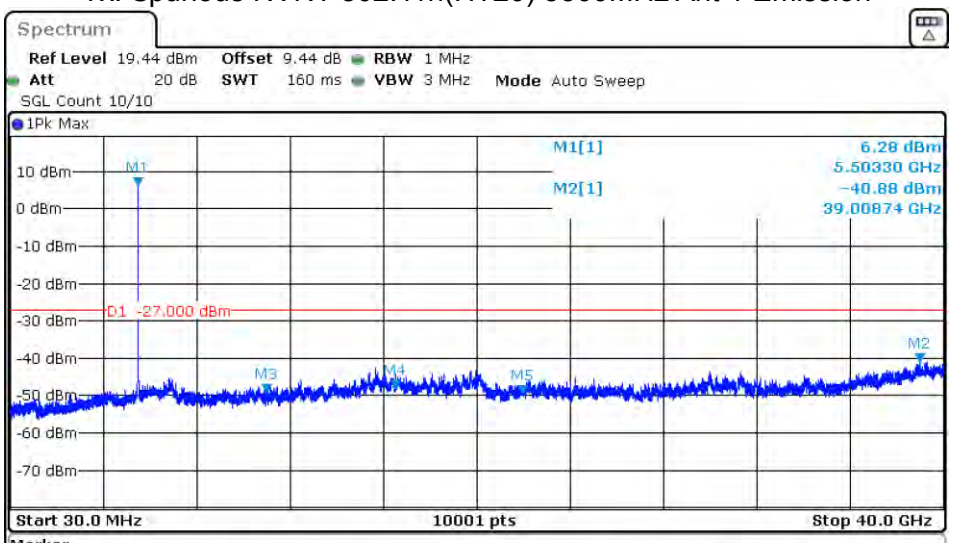
Tx. Spurious NVNT 802.11ac80 5610MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6033 GHz	0.48 dBm		
M2		1	39.98801 GHz	-41.12 dBm		
M3		1	11.22 GHz	-49.54 dBm		
M4		1	16.83 GHz	-47.49 dBm		
M5		1	22.44 GHz	-48.58 dBm		

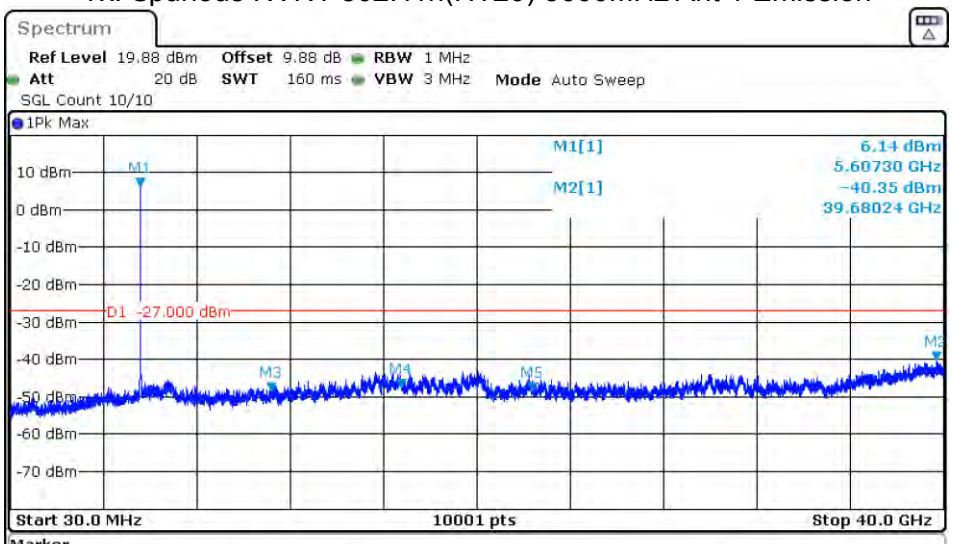
Tx. Spurious NVNT 802.11n(HT20) 5500MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5033 GHz	6.28 dBm		
M2		1	39.00874 GHz	-40.88 dBm		
M3		1	11.0 GHz	-49.25 dBm		
M4		1	16.5 GHz	-48.38 dBm		
M5		1	22.0 GHz	-49.48 dBm		

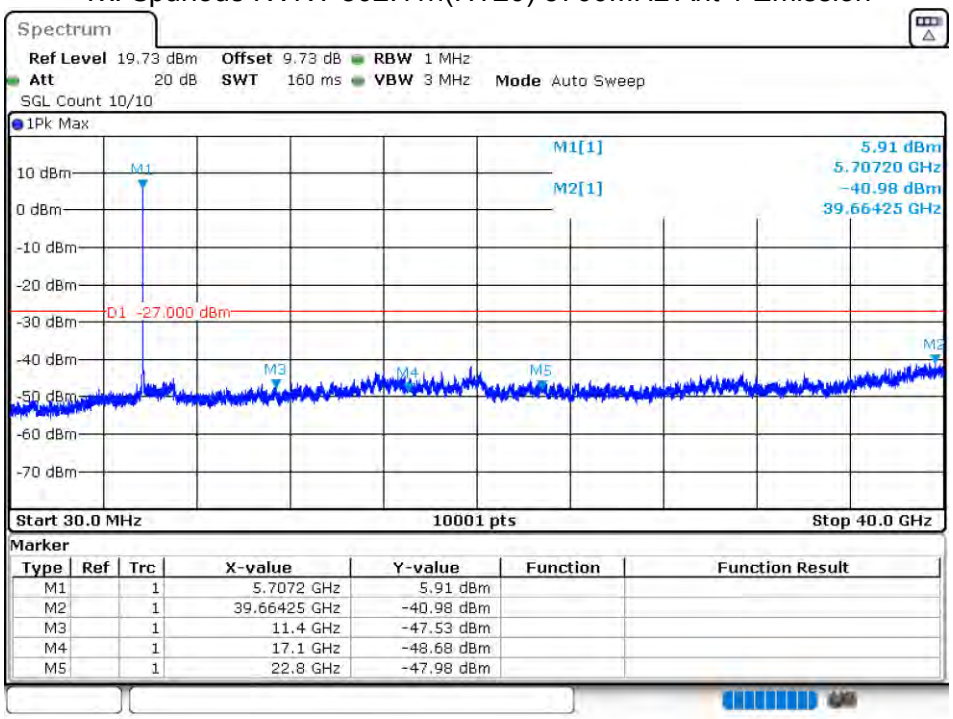
Tx. Spurious NVNT 802.11n(HT20) 5600MHz Ant 1 Emission



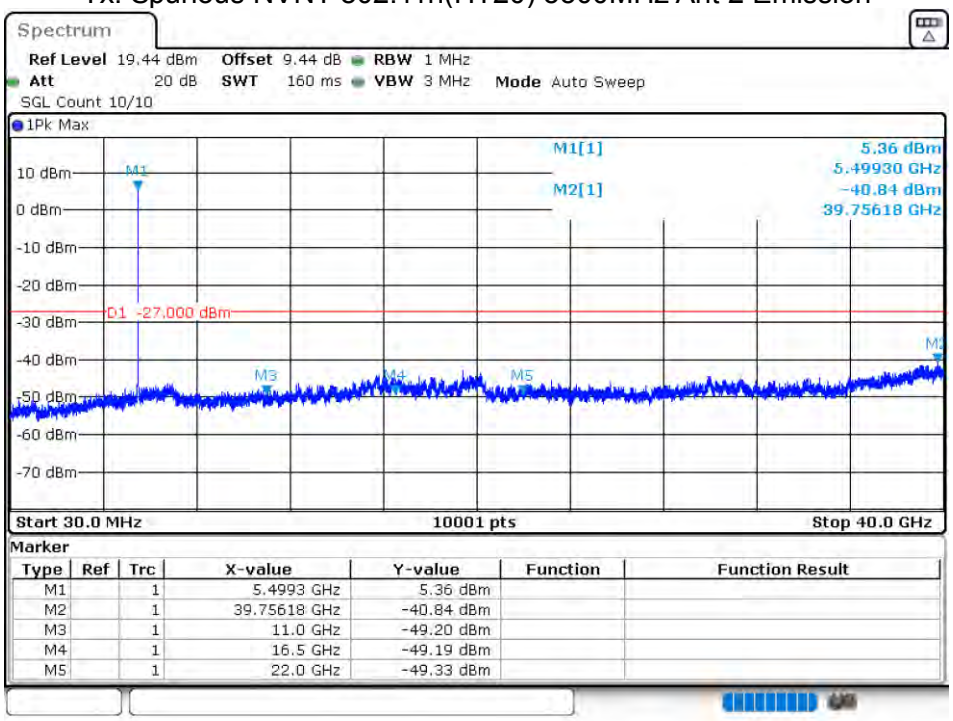
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6073 GHz	6.14 dBm		
M2		1	39.68024 GHz	-40.35 dBm		
M3		1	11.2 GHz	-48.38 dBm		
M4		1	16.8 GHz	-47.41 dBm		
M5		1	22.4 GHz	-48.32 dBm		

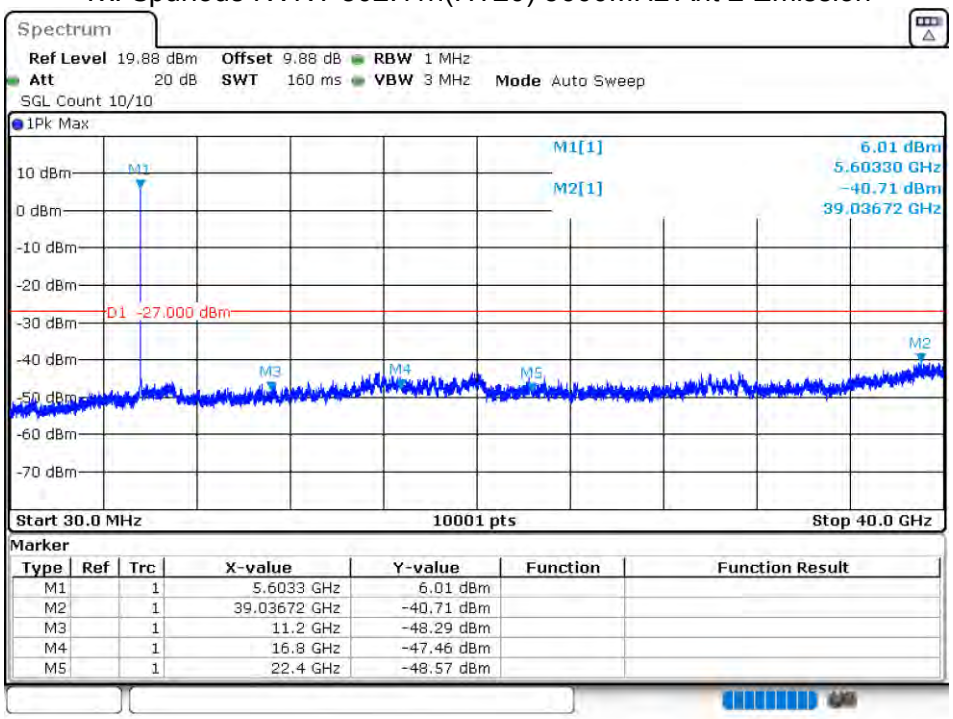
Tx. Spurious NVNT 802.11n(HT20) 5700MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5500MHz Ant 2 Emission



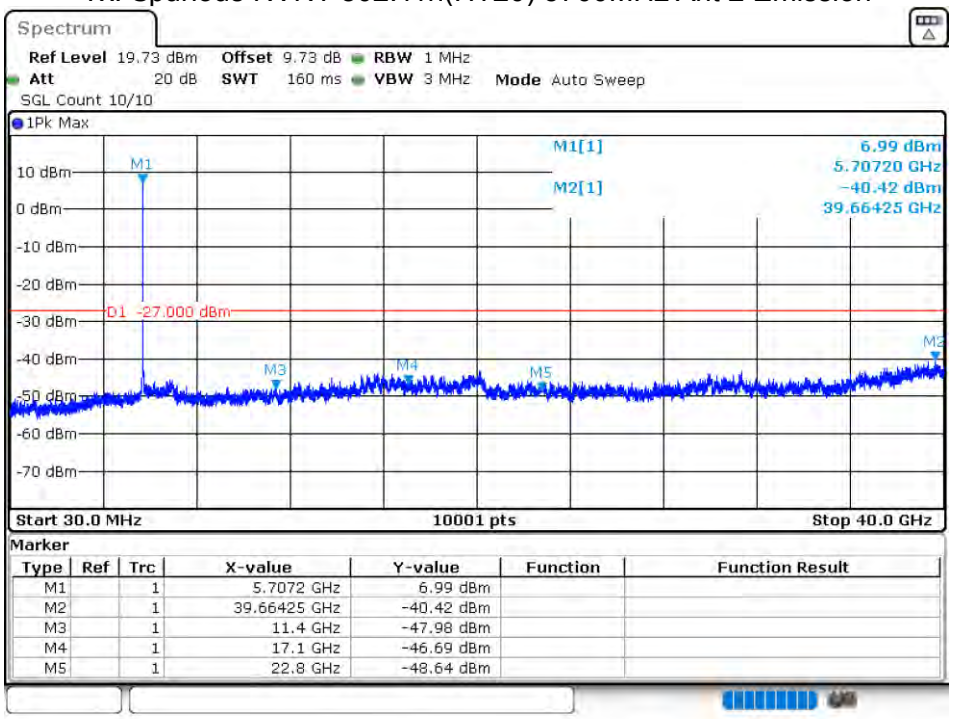
Tx. Spurious NVNT 802.11n(HT20) 5600MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6033 GHz	6.01 dBm		
M2		1	39.03672 GHz	-40.71 dBm		
M3		1	11.2 GHz	-48.29 dBm		
M4		1	16.8 GHz	-47.46 dBm		
M5		1	22.4 GHz	-48.57 dBm		

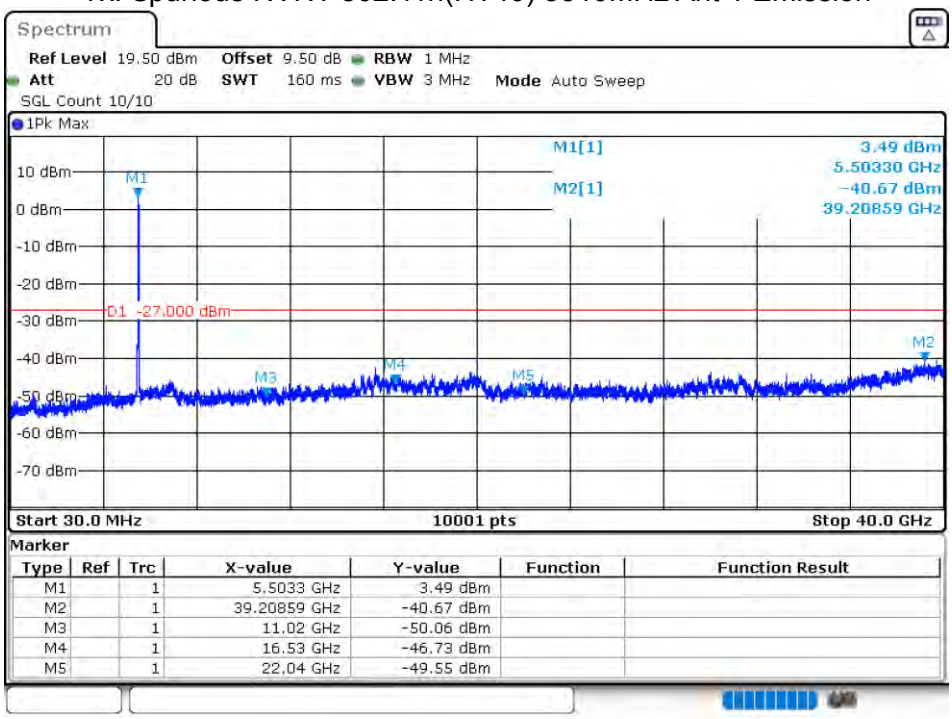
Tx. Spurious NVNT 802.11n(HT20) 5700MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7072 GHz	6.99 dBm		
M2		1	39.66425 GHz	-40.42 dBm		
M3		1	11.4 GHz	-47.98 dBm		
M4		1	17.1 GHz	-46.69 dBm		
M5		1	22.8 GHz	-48.64 dBm		

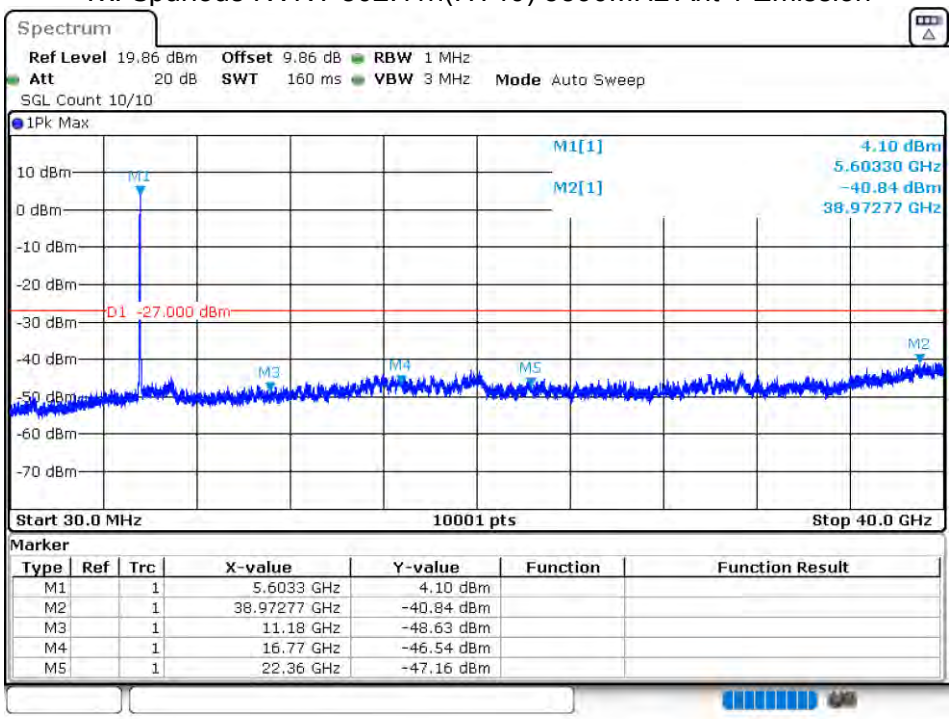
Tx. Spurious NVNT 802.11n(HT40) 5510MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5033 GHz	3.49 dBm		
M2		1	39.20859 GHz	-40.67 dBm		
M3		1	11.02 GHz	-50.06 dBm		
M4		1	16.53 GHz	-46.73 dBm		
M5		1	22.04 GHz	-49.55 dBm		

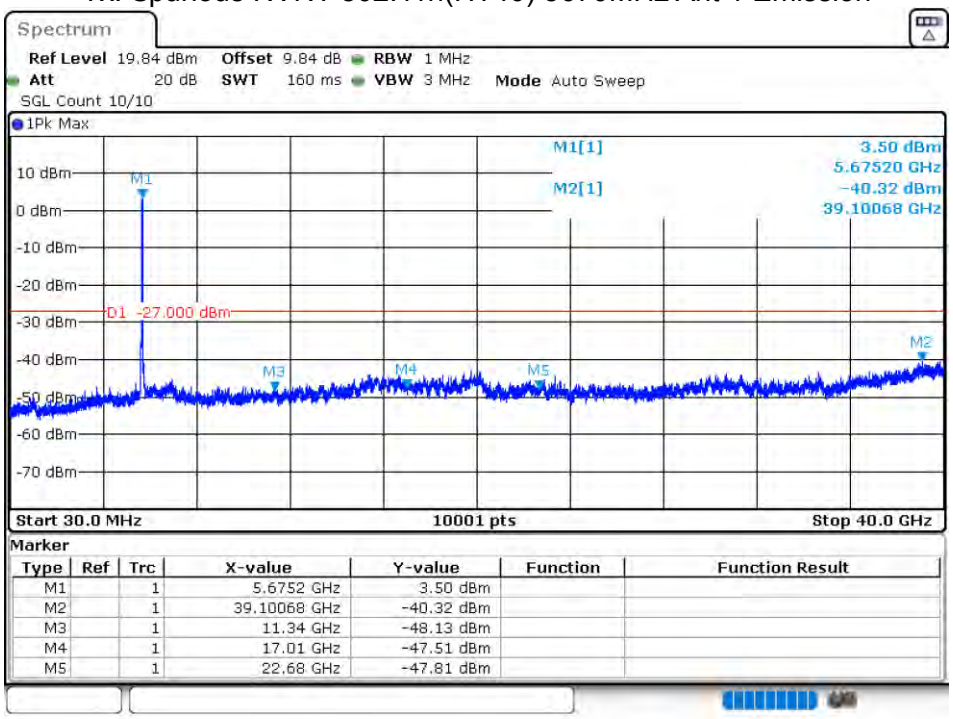
Tx. Spurious NVNT 802.11n(HT40) 5590MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6033 GHz	4.10 dBm		
M2		1	38.97277 GHz	-40.84 dBm		
M3		1	11.18 GHz	-48.63 dBm		
M4		1	16.77 GHz	-46.54 dBm		
M5		1	22.36 GHz	-47.16 dBm		

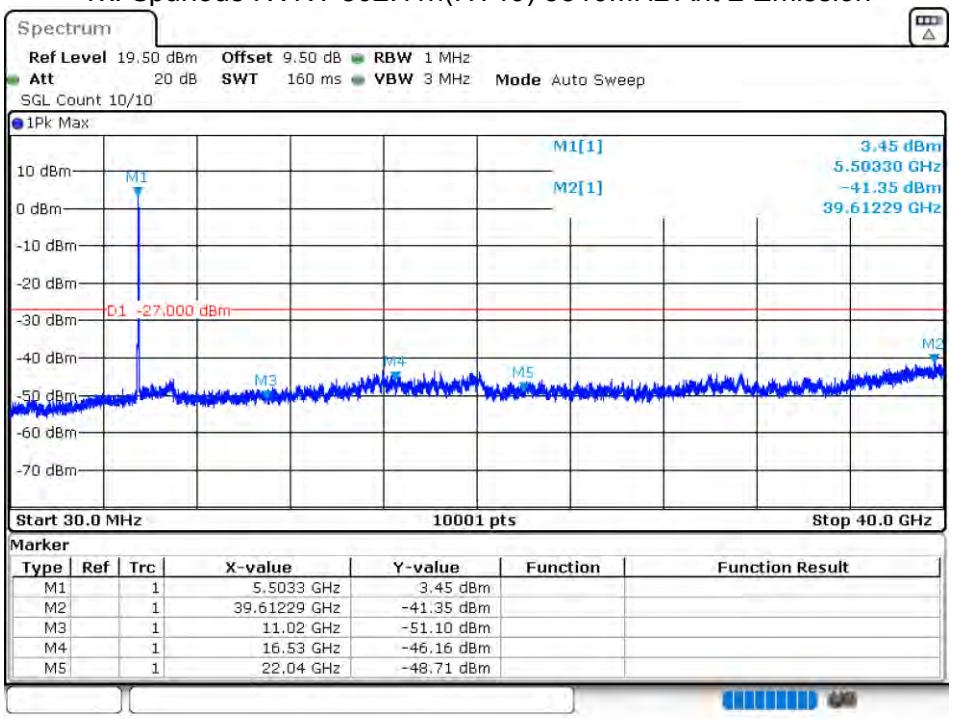
Tx. Spurious NVNT 802.11n(HT40) 5670MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6752 GHz	3.50 dBm		
M2		1	39.10068 GHz	-40.32 dBm		
M3		1	11.34 GHz	-48.13 dBm		
M4		1	17.01 GHz	-47.51 dBm		
M5		1	22.68 GHz	-47.81 dBm		

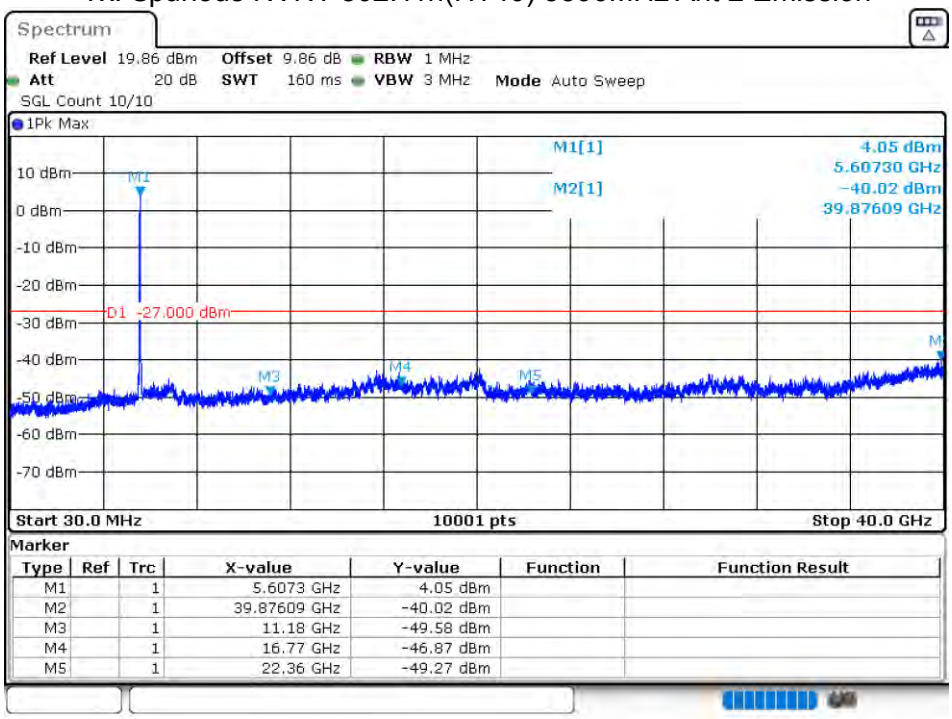
Tx. Spurious NVNT 802.11n(HT40) 5510MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5033 GHz	3.45 dBm		
M2		1	39.61229 GHz	-41.35 dBm		
M3		1	11.02 GHz	-51.10 dBm		
M4		1	16.53 GHz	-46.16 dBm		
M5		1	22.04 GHz	-48.71 dBm		

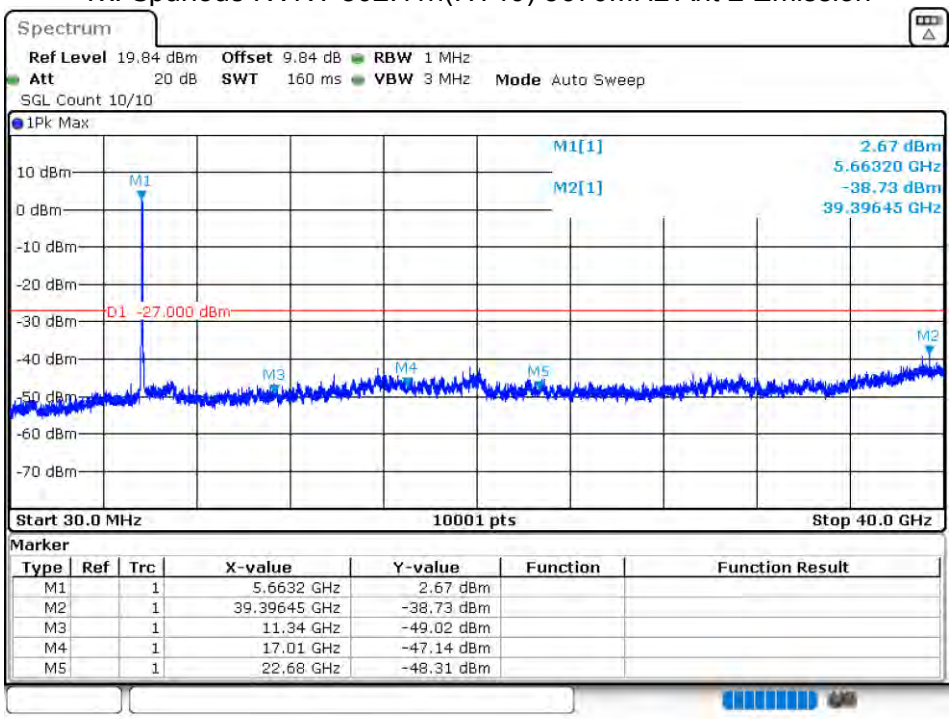
Tx. Spurious NVNT 802.11n(HT40) 5590MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6073 GHz	4.05 dBm		
M2		1	39.87609 GHz	-40.02 dBm		
M3		1	11.18 GHz	-49.58 dBm		
M4		1	16.77 GHz	-46.87 dBm		
M5		1	22.36 GHz	-49.27 dBm		

Tx. Spurious NVNT 802.11n(HT40) 5670MHz Ant 2 Emission



Marker

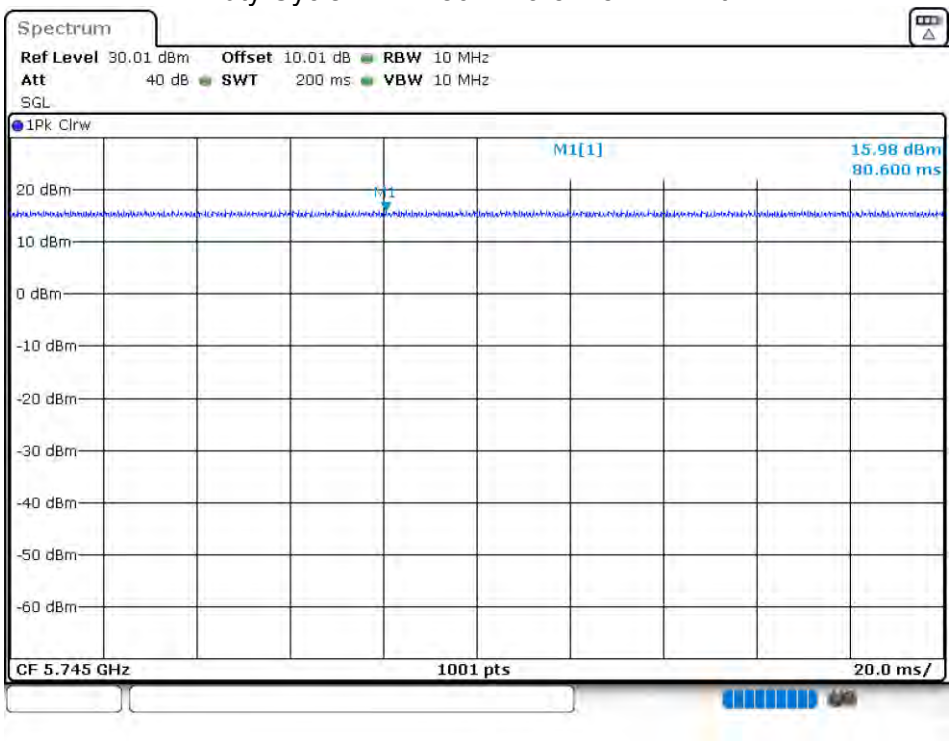
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6632 GHz	2.67 dBm		
M2		1	39.39645 GHz	-38.73 dBm		
M3		1	11.34 GHz	-49.02 dBm		
M4		1	17.01 GHz	-47.14 dBm		
M5		1	22.68 GHz	-48.31 dBm		

5.8G:

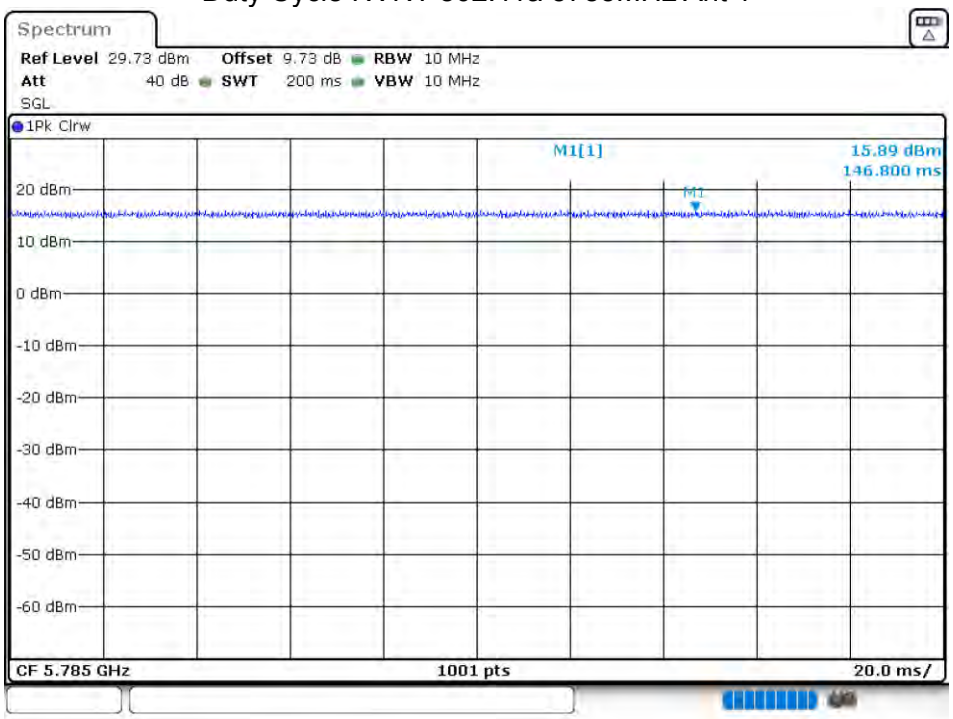
11.4.1 DUTY CYCLE

Antenna	Condition	Mode	Frequency (MHz)	Duty Cycle (%)
Ant 1	NVNT	802.11a	5745	100
Ant 1	NVNT	802.11a	5785	100
Ant 1	NVNT	802.11a	5825	100
Ant 2	NVNT	802.11a	5745	100
Ant 2	NVNT	802.11a	5785	100
Ant 2	NVNT	802.11a	5825	100
Ant 1	NVNT	802.11ac20	5745	100
Ant 1	NVNT	802.11ac20	5785	100
Ant 1	NVNT	802.11ac20	5825	100
Ant 2	NVNT	802.11ac20	5745	100
Ant 2	NVNT	802.11ac20	5785	100
Ant 2	NVNT	802.11ac20	5825	100
Ant 1	NVNT	802.11ac40	5755	100
Ant 1	NVNT	802.11ac40	5795	100
Ant 2	NVNT	802.11ac40	5755	100
Ant 2	NVNT	802.11ac40	5795	100
Ant 1	NVNT	802.11ac80	5775	100
Ant 2	NVNT	802.11ac80	5775	100
Ant 1	NVNT	802.11n(HT20)	5745	100
Ant 1	NVNT	802.11n(HT20)	5785	100
Ant 1	NVNT	802.11n(HT20)	5825	100
Ant 2	NVNT	802.11n(HT20)	5745	100
Ant 2	NVNT	802.11n(HT20)	5785	100
Ant 2	NVNT	802.11n(HT20)	5825	100
Ant 1	NVNT	802.11n(HT40)	5755	100
Ant 1	NVNT	802.11n(HT40)	5795	100
Ant 2	NVNT	802.11n(HT40)	5755	100
Ant 2	NVNT	802.11n(HT40)	5795	100

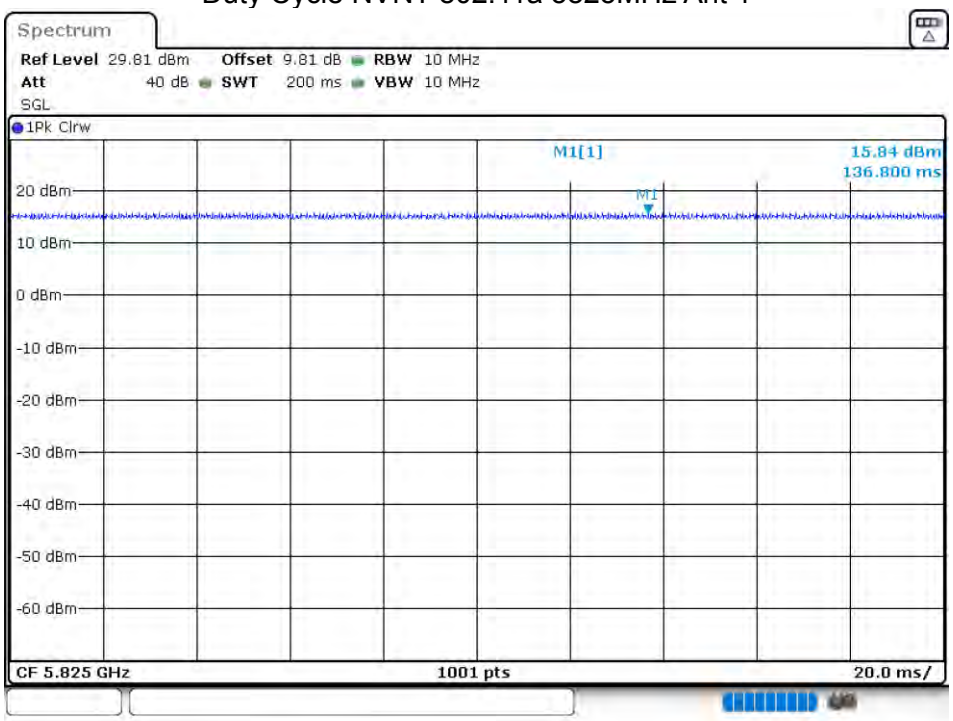
Duty Cycle NVNT 802.11a 5745MHz Ant 1



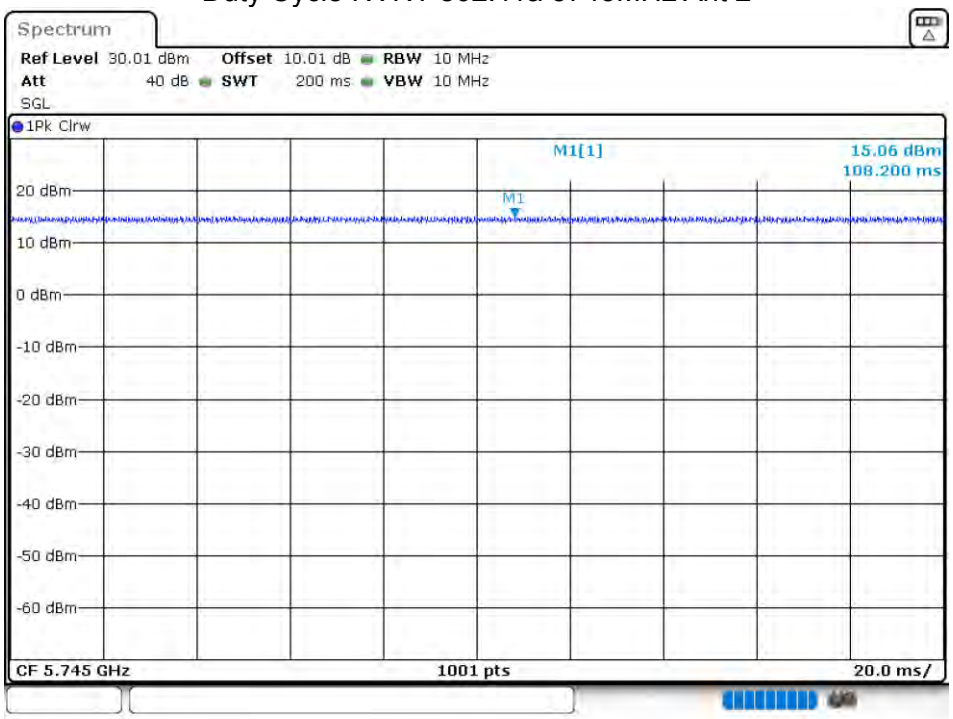
Duty Cycle NVNT 802.11a 5785MHz Ant 1



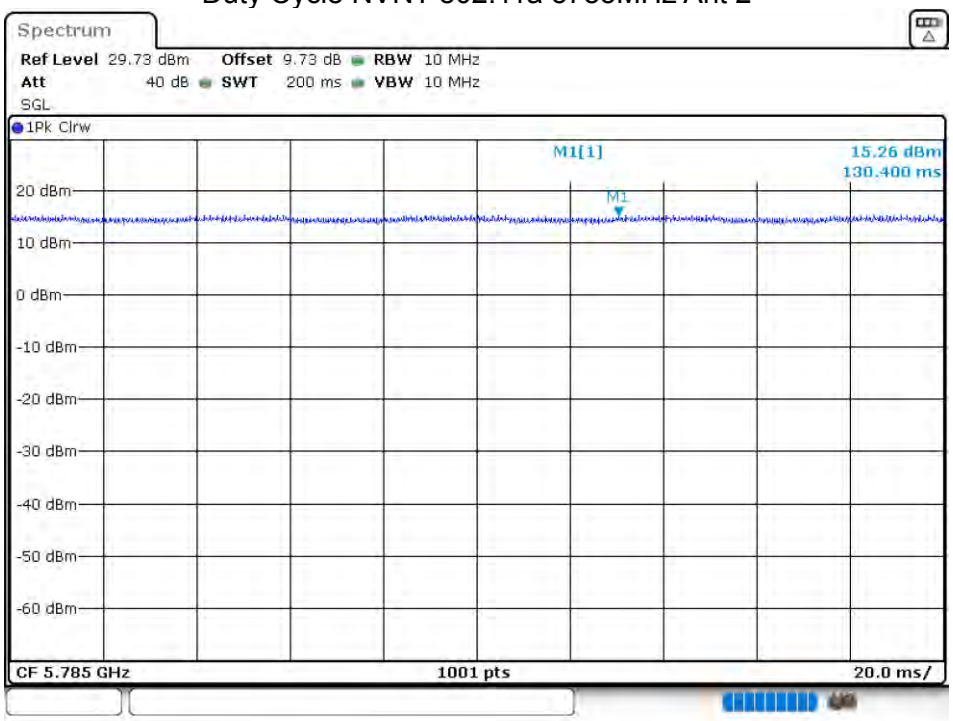
Duty Cycle NVNT 802.11a 5825MHz Ant 1



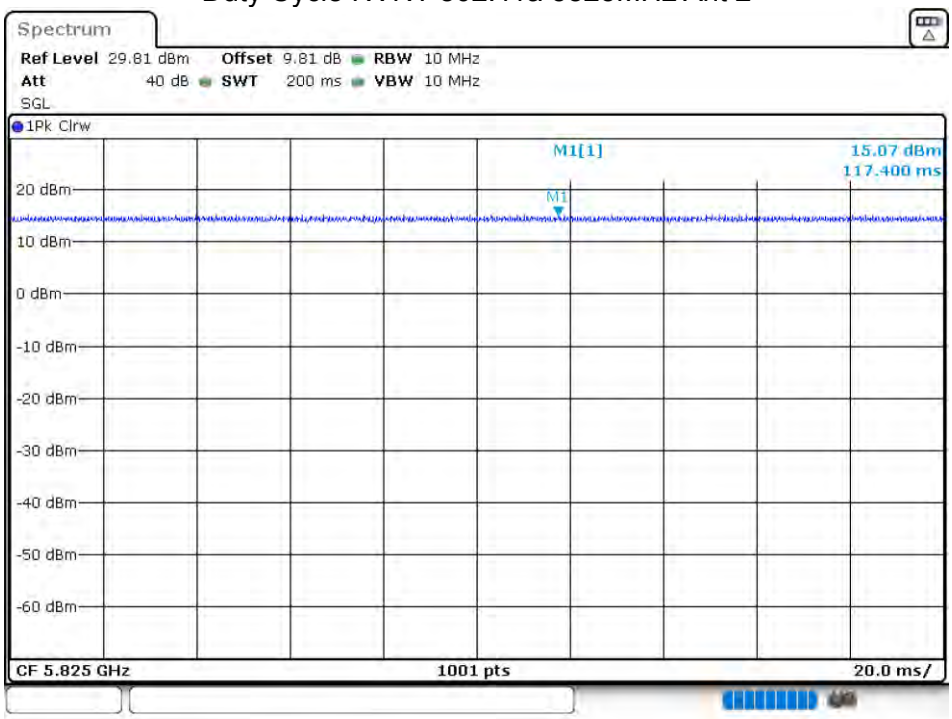
Duty Cycle NVNT 802.11a 5745MHz Ant 2



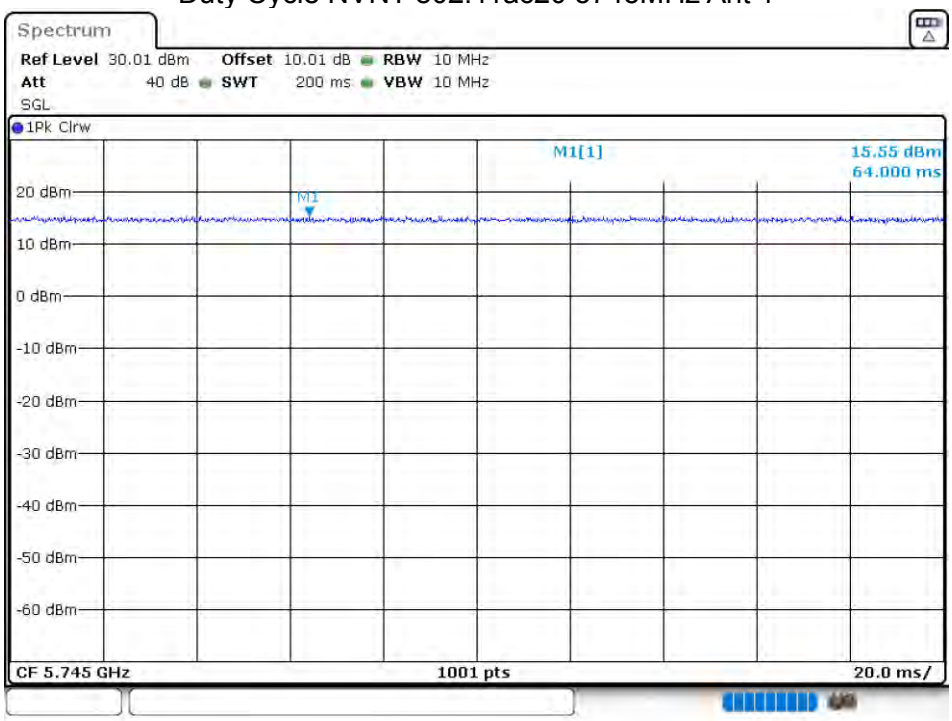
Duty Cycle NVNT 802.11a 5785MHz Ant 2



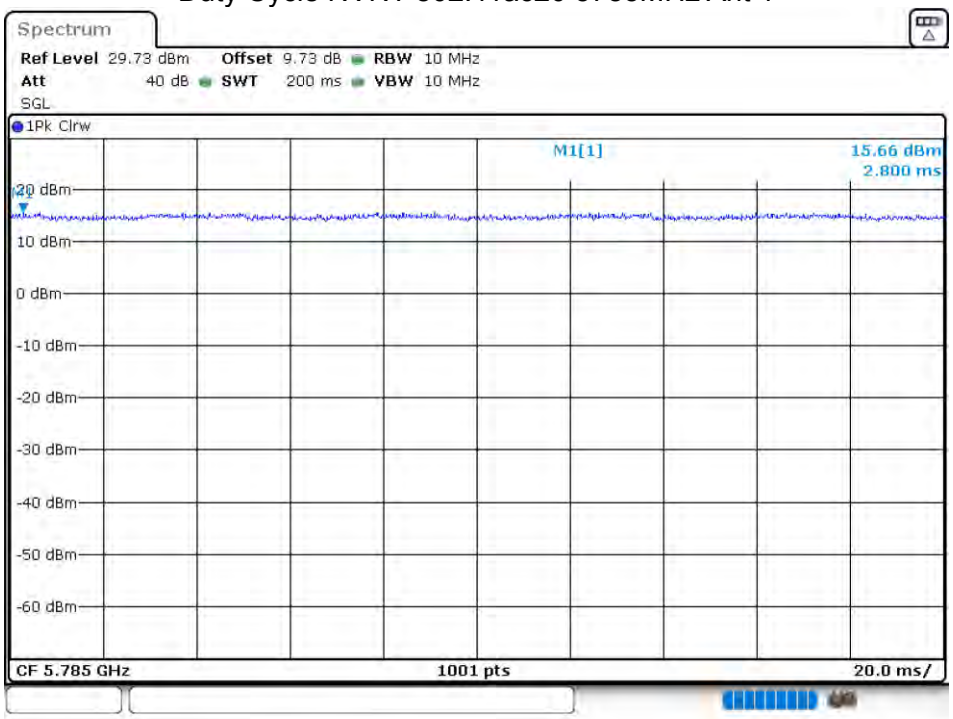
Duty Cycle NVNT 802.11a 5825MHz Ant 2



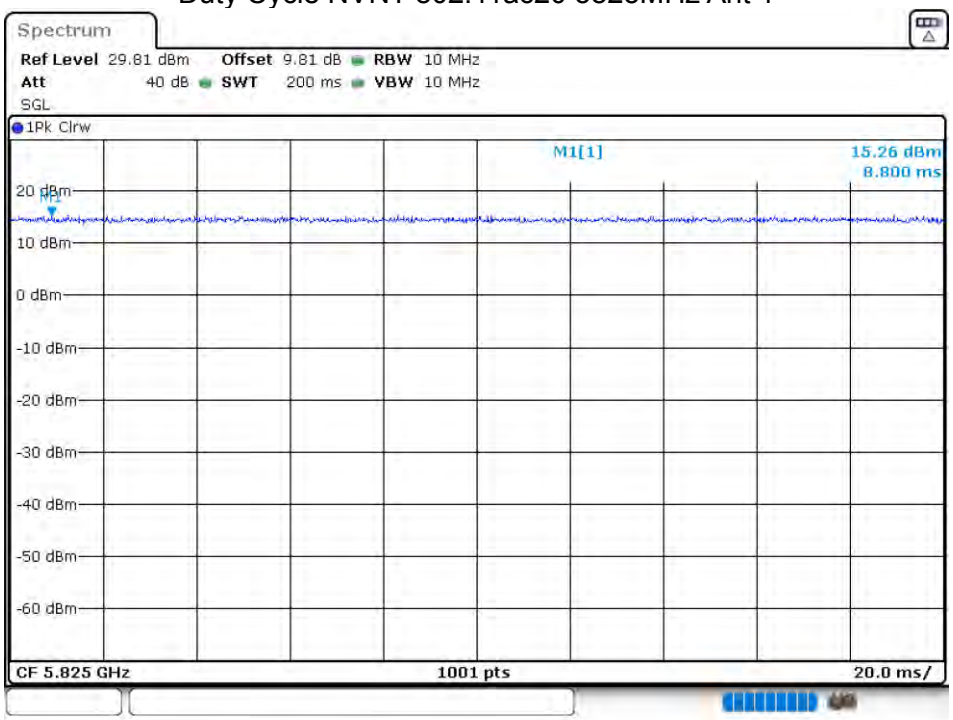
Duty Cycle NVNT 802.11ac20 5745MHz Ant 1



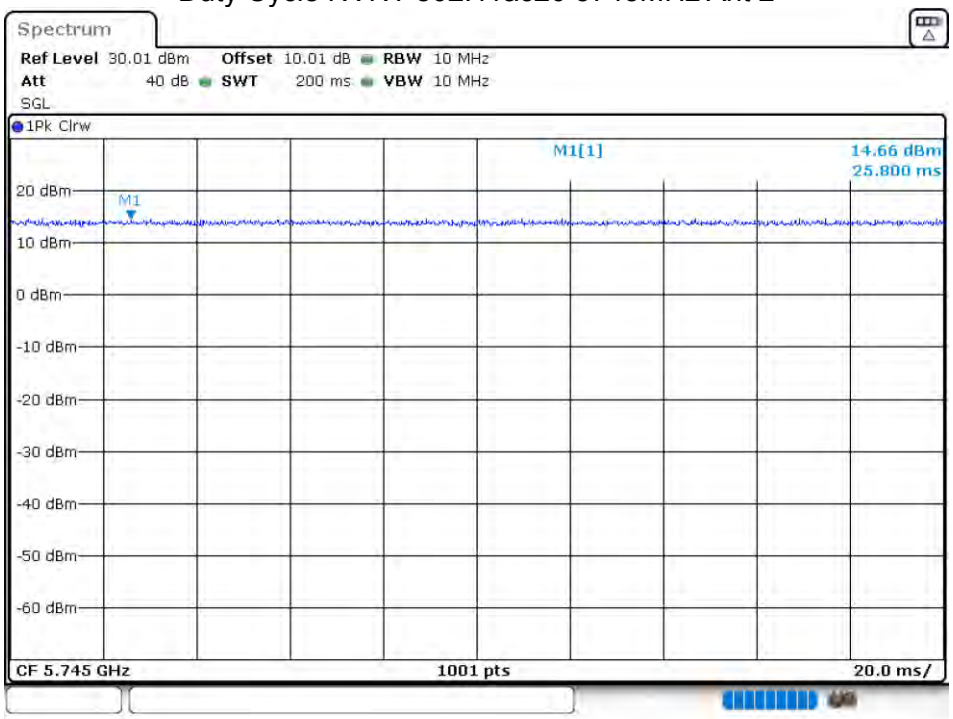
Duty Cycle NVNT 802.11ac20 5785MHz Ant 1



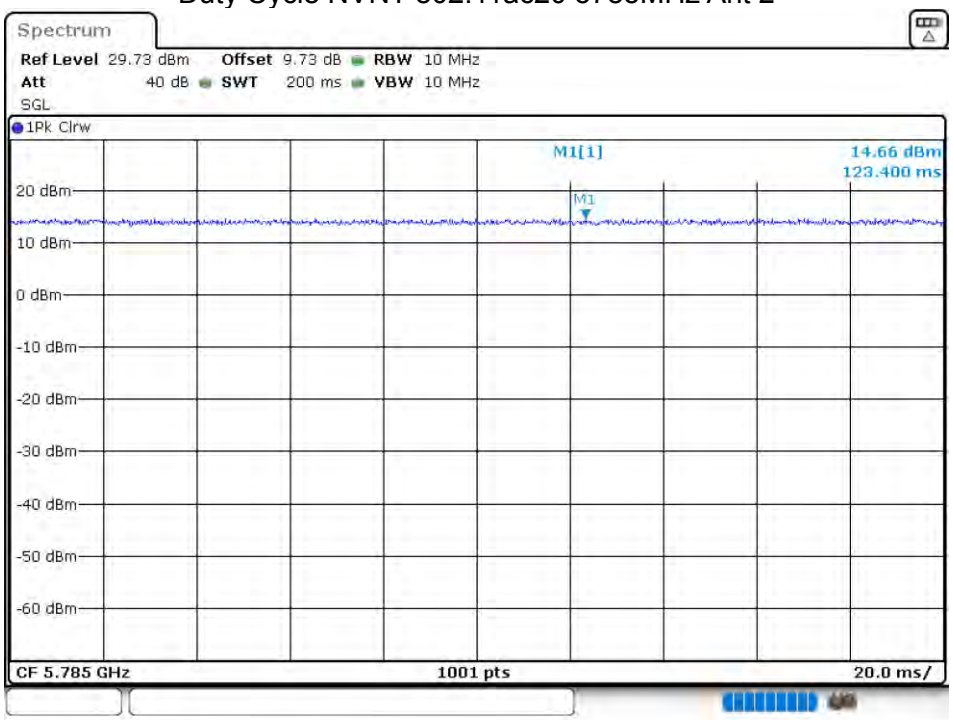
Duty Cycle NVNT 802.11ac20 5825MHz Ant 1



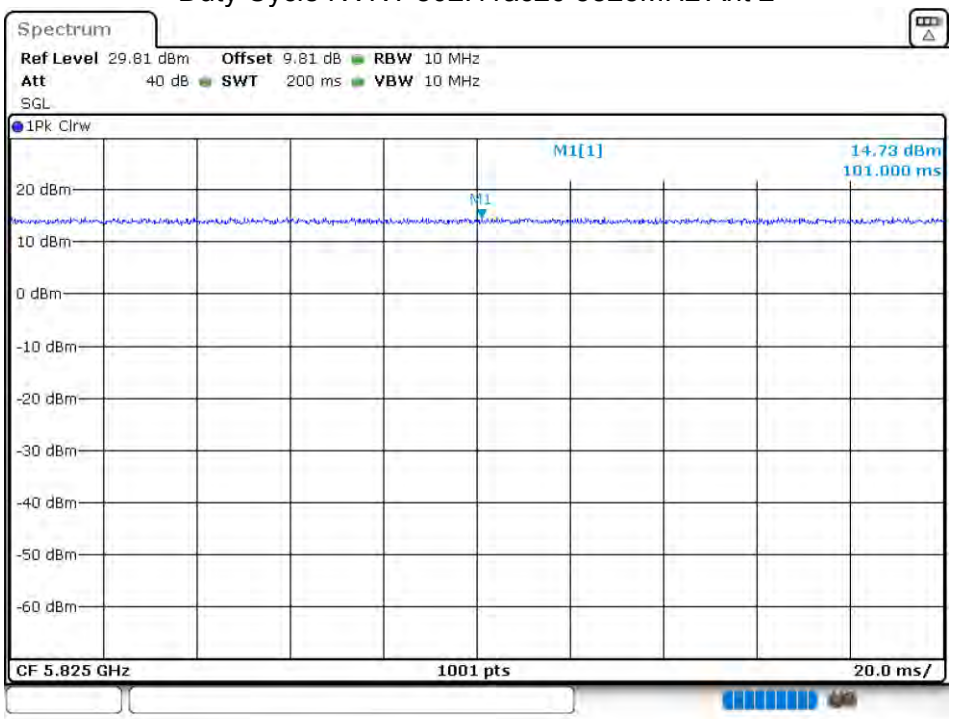
Duty Cycle NVNT 802.11ac20 5745MHz Ant 2



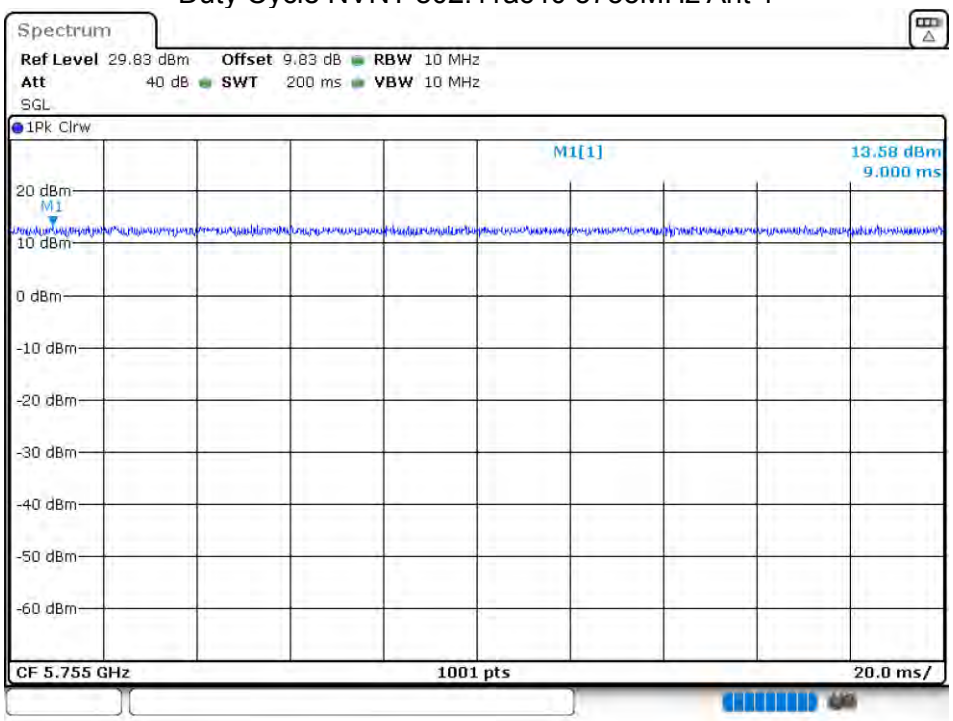
Duty Cycle NVNT 802.11ac20 5785MHz Ant 2



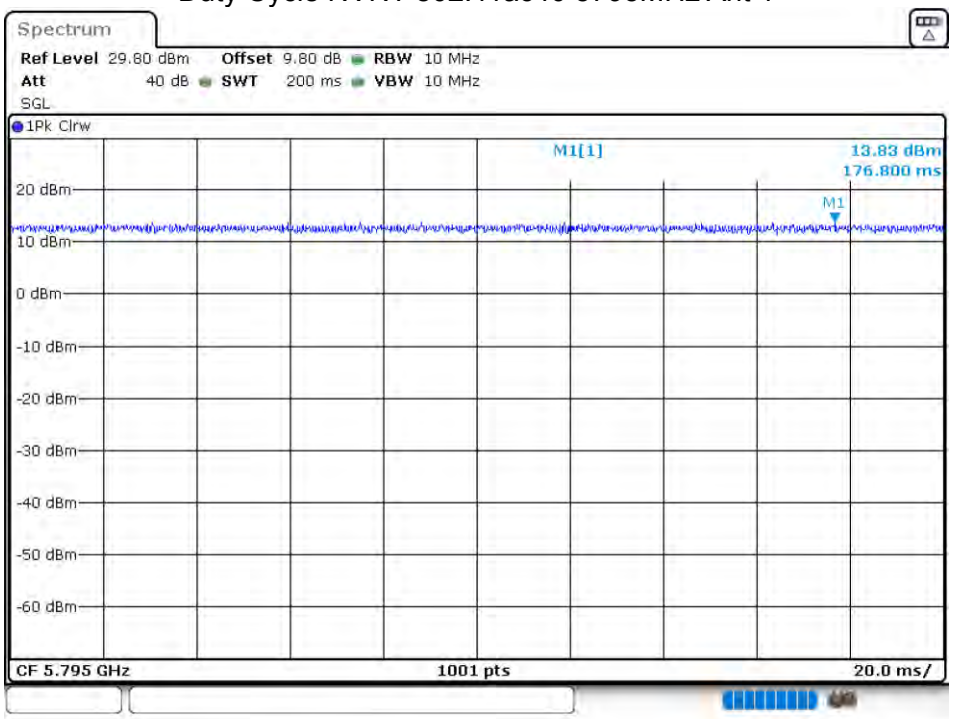
Duty Cycle NVNT 802.11ac20 5825MHz Ant 2



Duty Cycle NVNT 802.11ac40 5755MHz Ant 1



Duty Cycle NVNT 802.11ac40 5795MHz Ant 1



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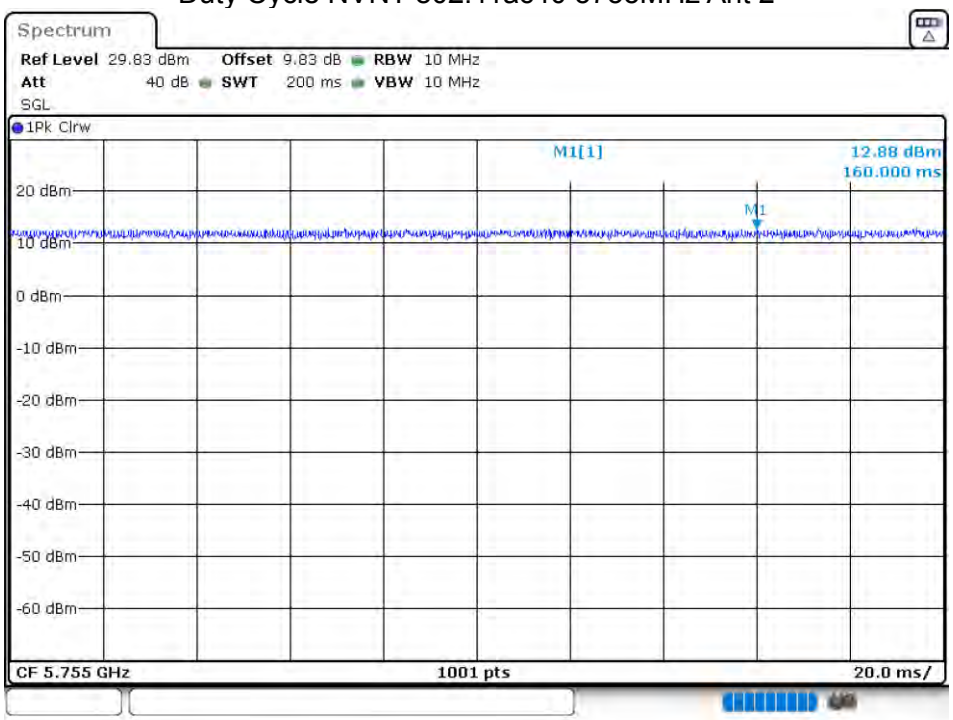

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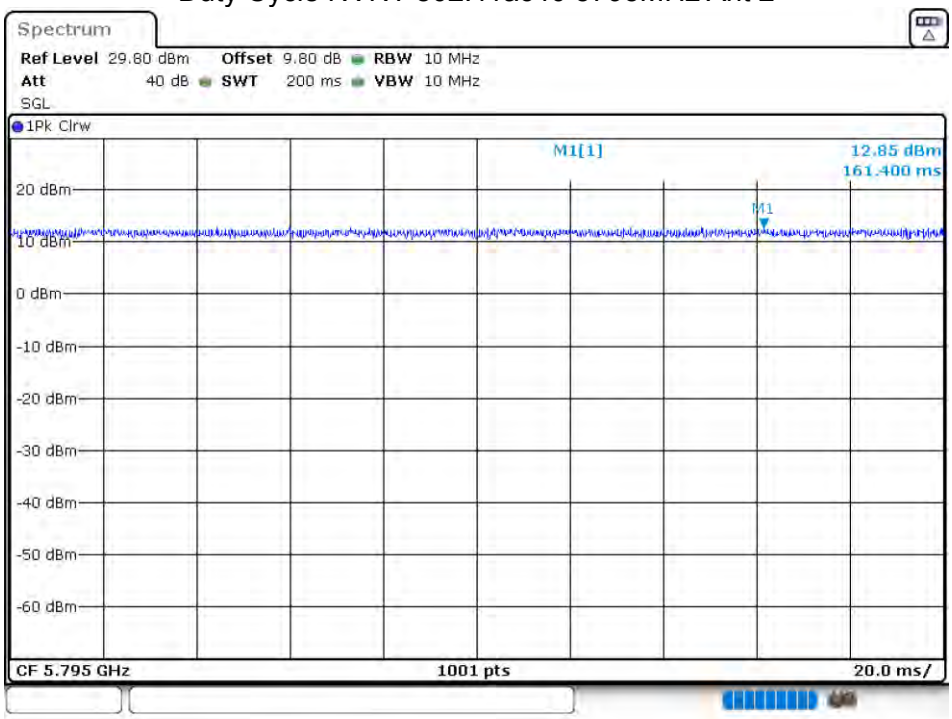
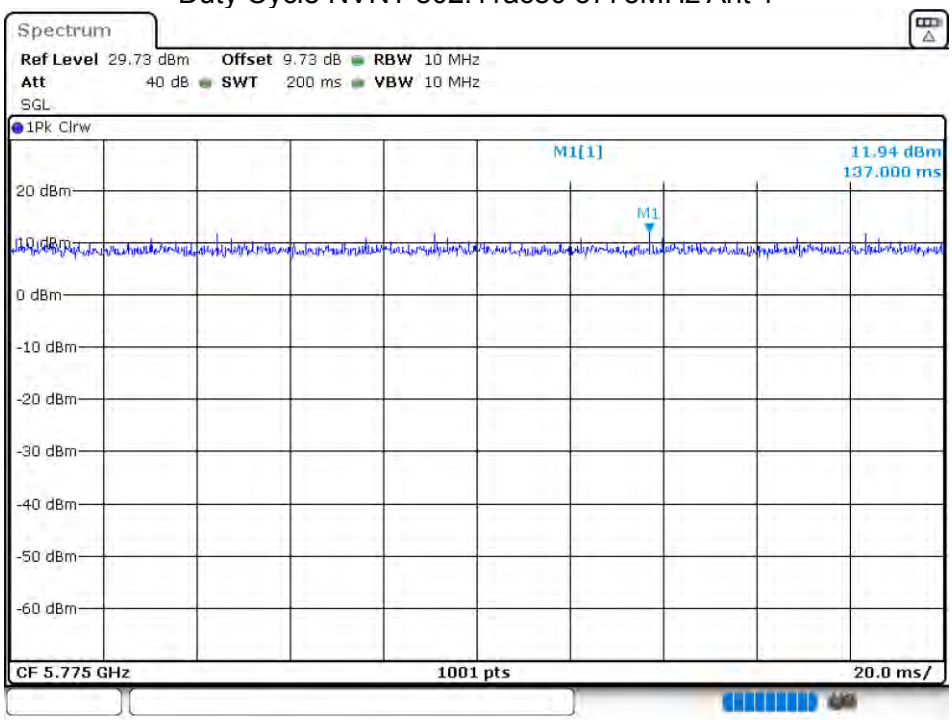
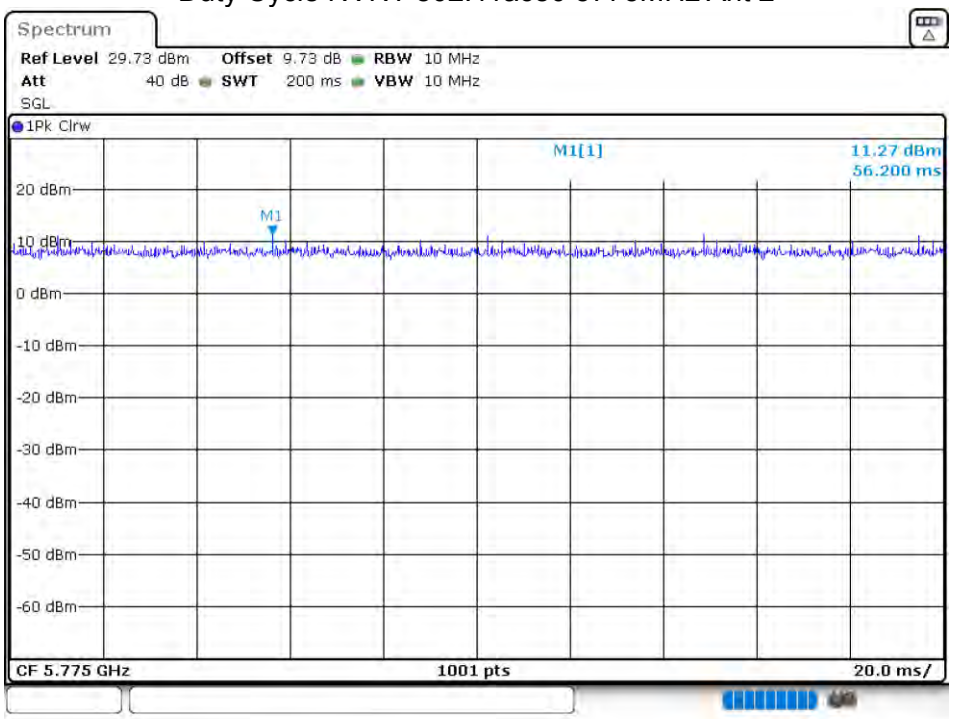


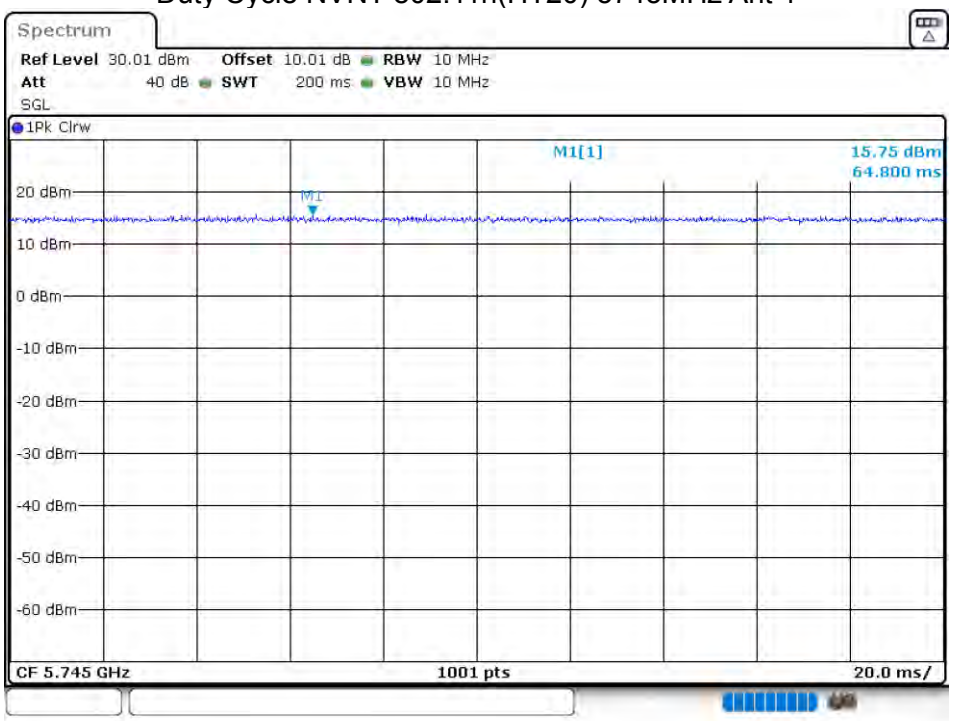
Duty Cycle NVNT 802.11ac80 5775MHz Ant 1



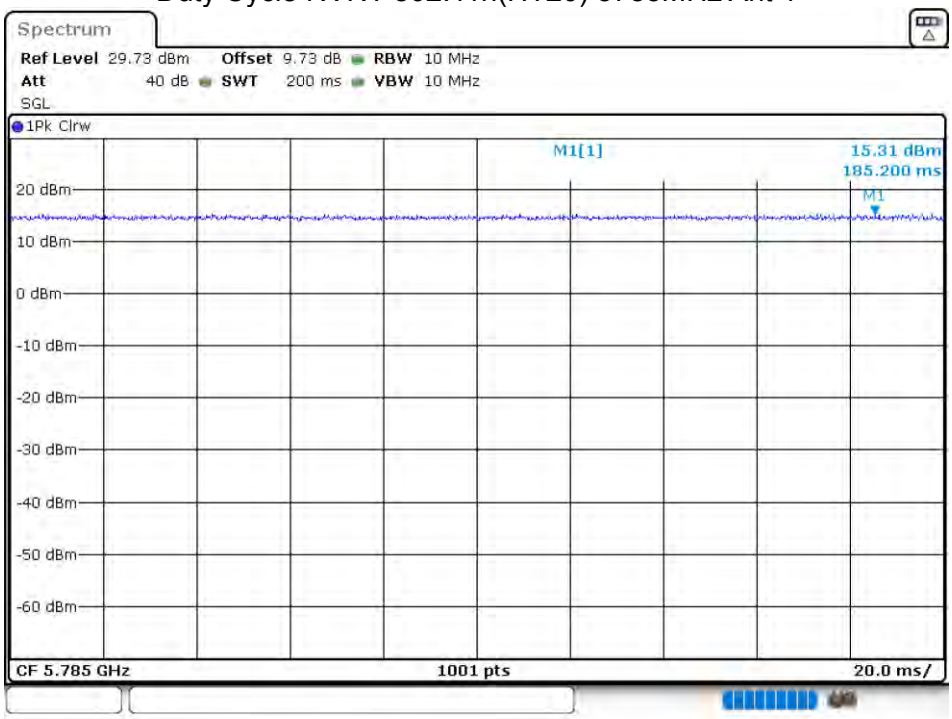
Duty Cycle NVNT 802.11ac80 5775MHz Ant 2



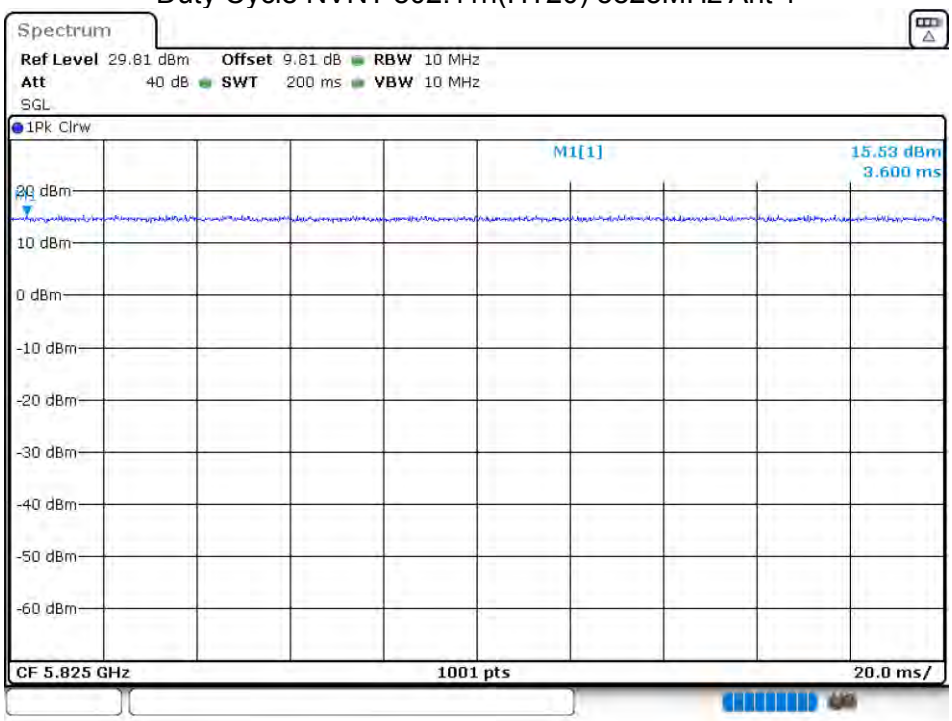
Duty Cycle NVNT 802.11n(HT20) 5745MHz Ant 1



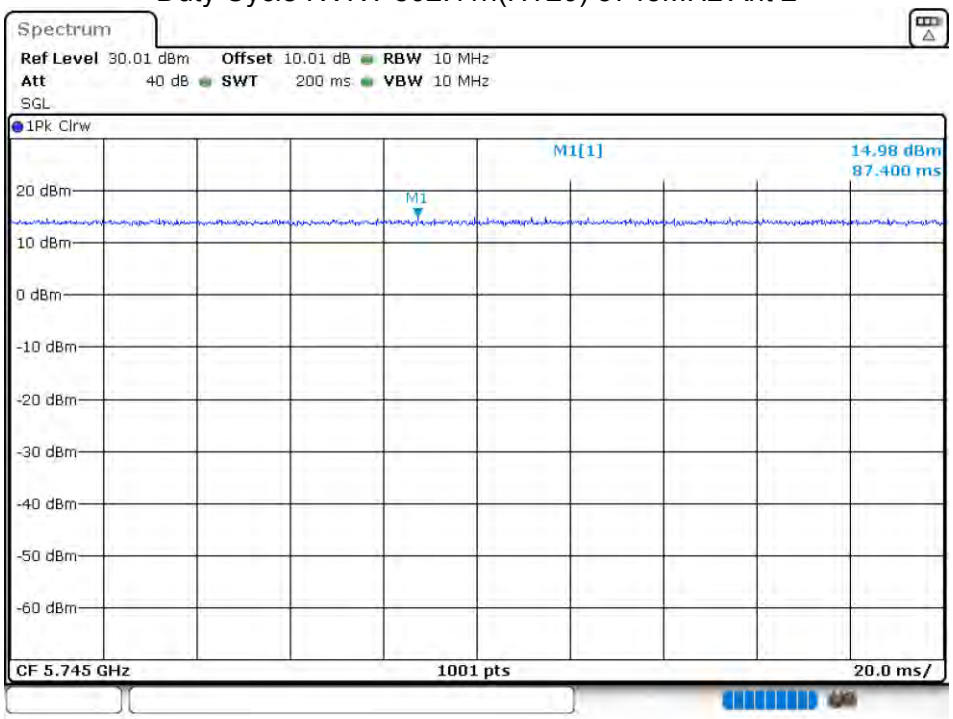
Duty Cycle NVNT 802.11n(HT20) 5785MHz Ant 1



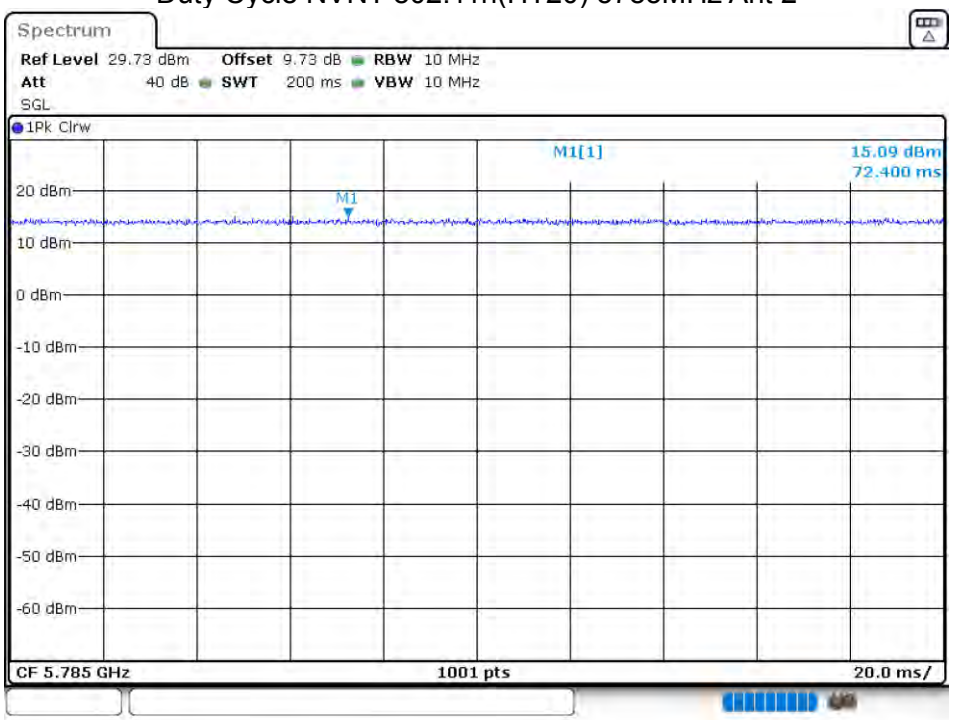
Duty Cycle NVNT 802.11n(HT20) 5825MHz Ant 1



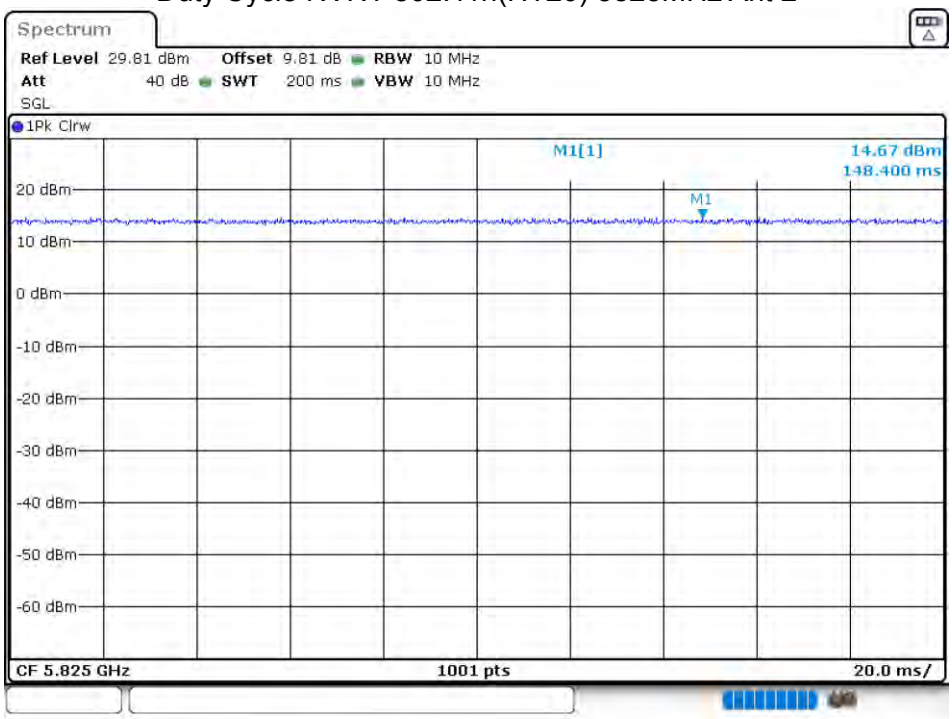
Duty Cycle NVNT 802.11n(HT20) 5745MHz Ant 2



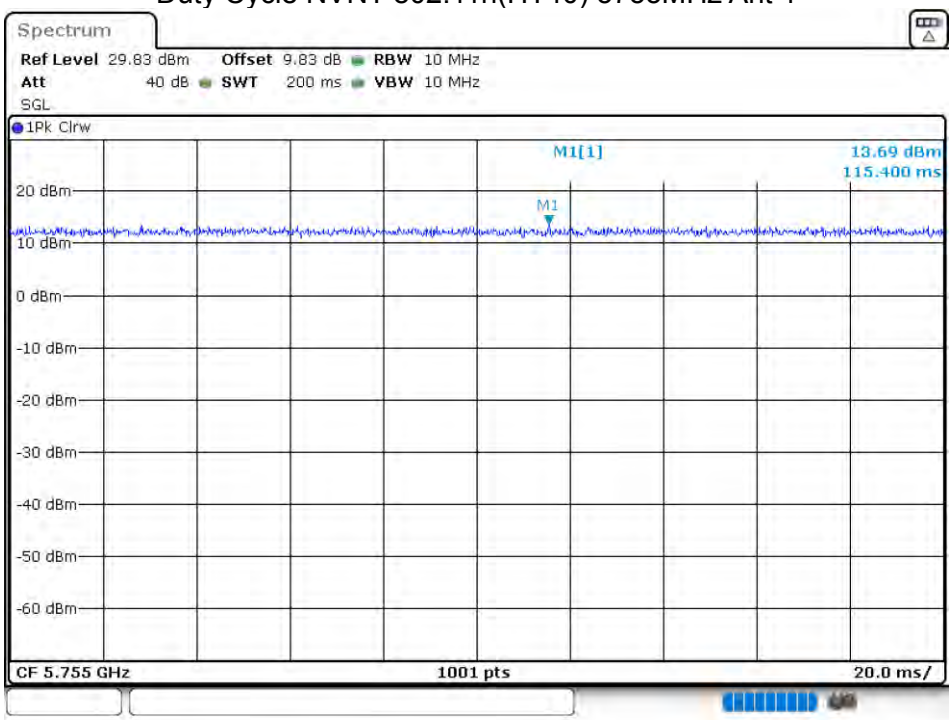
Duty Cycle NVNT 802.11n(HT20) 5785MHz Ant 2



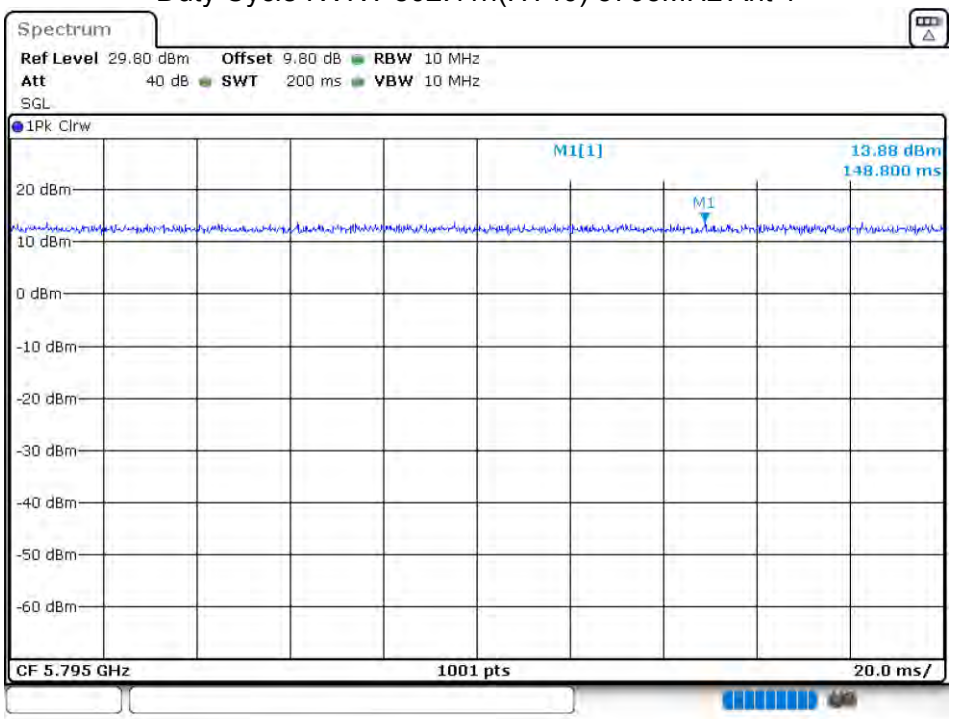
Duty Cycle NVNT 802.11n(HT20) 5825MHz Ant 2



Duty Cycle NVNT 802.11n(HT40) 5755MHz Ant 1



Duty Cycle NVNT 802.11n(HT40) 5795MHz Ant 1



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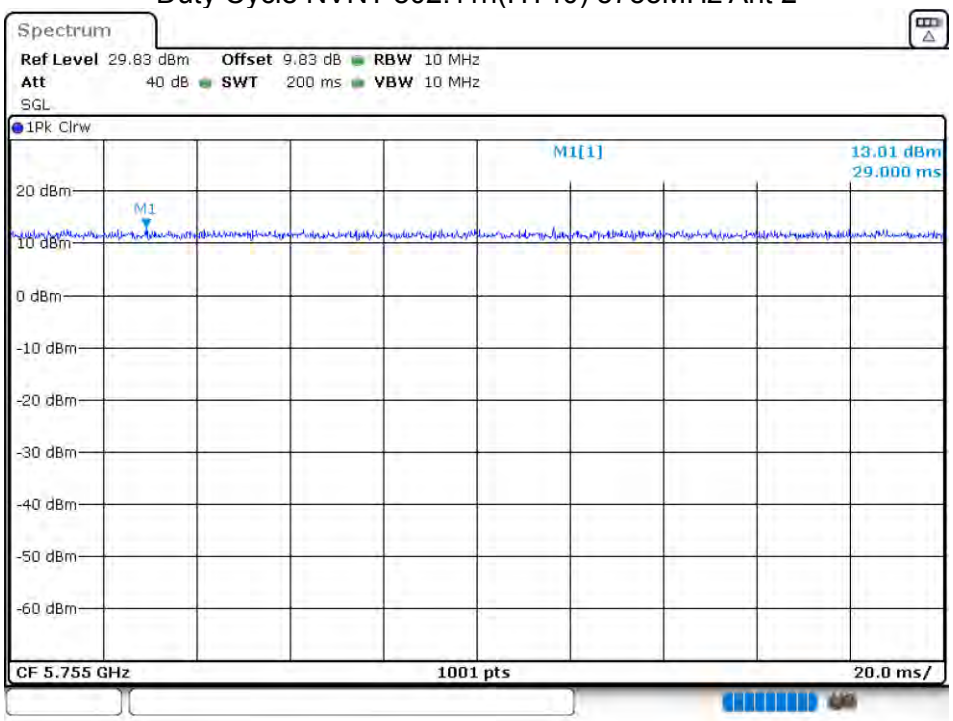
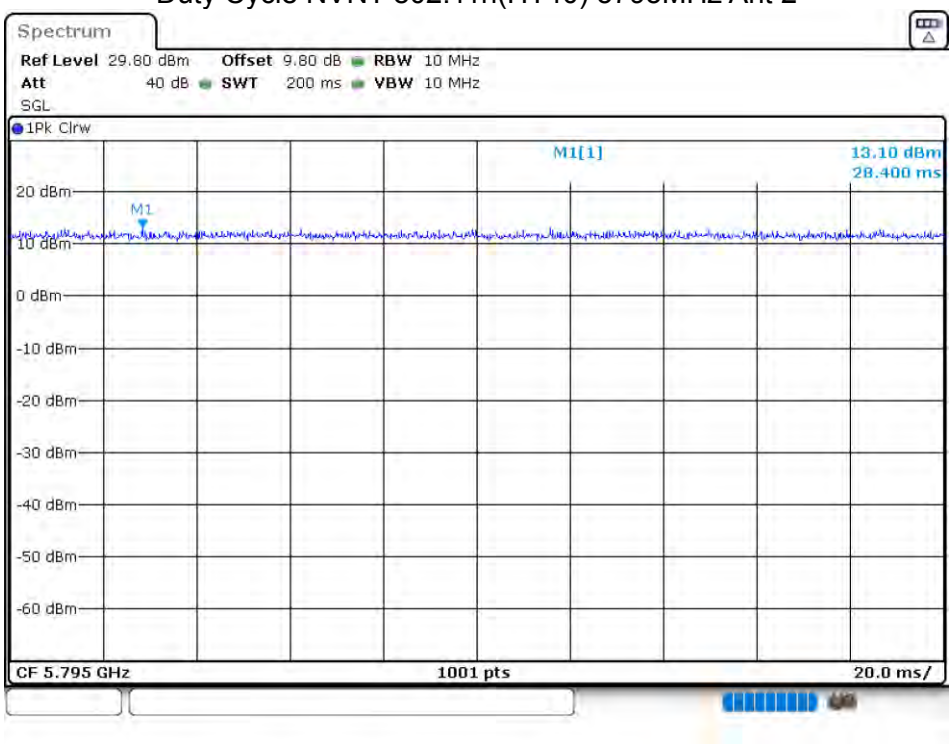


Duty Cycle NVNT 802.11n(HT40) 5795MHz Ant 2



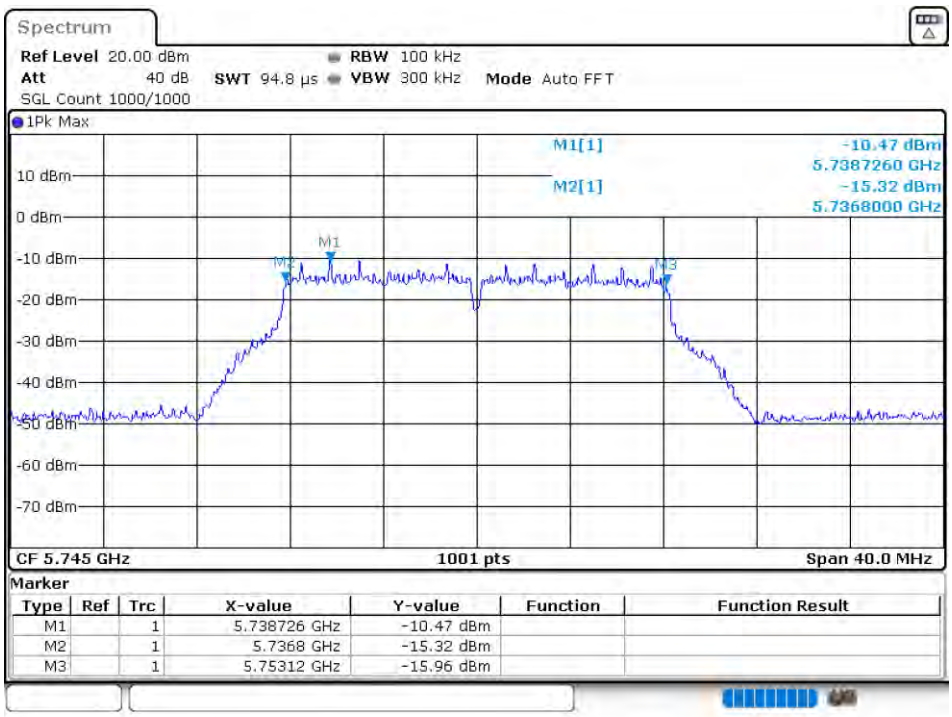
11.4.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	9.58	-	30	Pass
NVNT	802.11a	5785	Ant 1	9.76	-	30	Pass
NVNT	802.11a	5825	Ant 1	9.62	-	30	Pass
NVNT	802.11a	5745	Ant 2	8.8	-	30	Pass
NVNT	802.11a	5785	Ant 2	8.91	-	30	Pass
NVNT	802.11a	5825	Ant 2	8.9	-	30	Pass
NVNT	802.11ac20	5745	Ant 1	9.53	12.21	27.99	Pass
NVNT	802.11ac20	5745	Ant 2	8.85		27.99	Pass
NVNT	802.11ac20	5785	Ant 1	9.54	12.15	27.99	Pass
NVNT	802.11ac20	5785	Ant 2	8.69		27.99	Pass
NVNT	802.11ac20	5825	Ant 1	9.33	12.11	27.99	Pass
NVNT	802.11ac20	5825	Ant 2	8.85		27.99	Pass
NVNT	802.11ac40	5755	Ant 1	9.18	11.87	27.99	Pass
NVNT	802.11ac40	5755	Ant 2	8.51		27.99	Pass
NVNT	802.11ac40	5795	Ant 1	9.22	11.79	27.99	Pass
NVNT	802.11ac40	5795	Ant 2	8.29		27.99	Pass
NVNT	802.11ac80	5775	Ant 1	8.78	11.45	27.99	Pass
NVNT	802.11ac80	5775	Ant 2	8.07		27.99	Pass
NVNT	802.11n(HT20)	5745	Ant 1	9.55	12.24	27.99	Pass
NVNT	802.11n(HT20)	5745	Ant 2	8.89		27.99	Pass
NVNT	802.11n(HT20)	5785	Ant 1	9.58	12.18	27.99	Pass
NVNT	802.11n(HT20)	5785	Ant 2	8.72		27.99	Pass
NVNT	802.11n(HT20)	5825	Ant 1	9.49	12.16	27.99	Pass
NVNT	802.11n(HT20)	5825	Ant 2	8.77		27.99	Pass
NVNT	802.11n(HT40)	5755	Ant 1	9.19	11.86	27.99	Pass
NVNT	802.11n(HT40)	5755	Ant 2	8.49		27.99	Pass
NVNT	802.11n(HT40)	5795	Ant 1	9.2	11.82	27.99	Pass
NVNT	802.11n(HT40)	5795	Ant 2	8.37		27.99	Pass

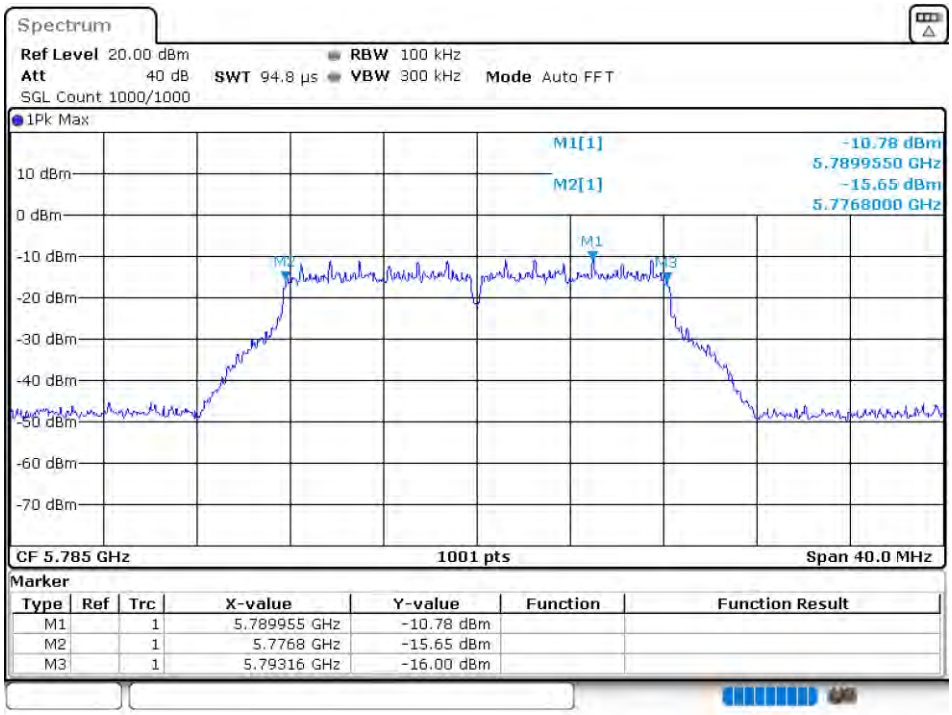
11.4.3 -6DB EMISSION BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.32	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.36	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.32	0.5	Pass
NVNT	802.11a	5745	Ant 2	16.32	0.5	Pass
NVNT	802.11a	5785	Ant 2	16.36	0.5	Pass
NVNT	802.11a	5825	Ant 2	16.32	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	17.32	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.56	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.6	0.5	Pass
NVNT	802.11ac20	5745	Ant 2	17.6	0.5	Pass
NVNT	802.11ac20	5785	Ant 2	17.56	0.5	Pass
NVNT	802.11ac20	5825	Ant 2	17.56	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	36.08	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	36.08	0.5	Pass
NVNT	802.11ac40	5755	Ant 2	35.92	0.5	Pass
NVNT	802.11ac40	5795	Ant 2	35.92	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	76.32	0.5	Pass
NVNT	802.11ac80	5775	Ant 2	76	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.6	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.56	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.6	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 2	17.6	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 2	17.56	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 2	17.6	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.08	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 2	35.76	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 2	36.32	0.5	Pass

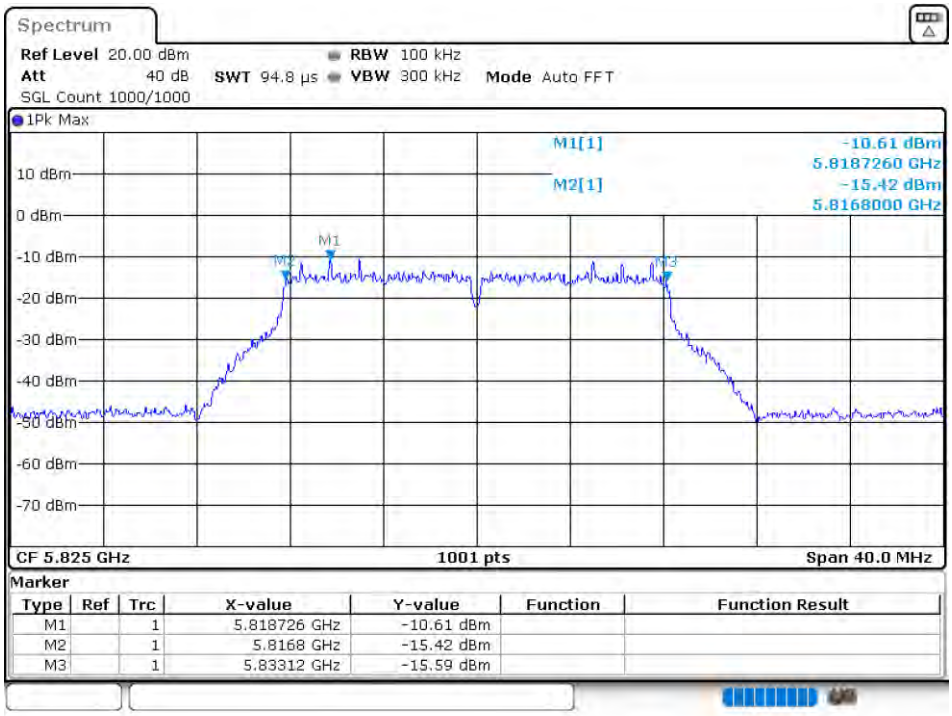
EBW NVNT 802.11a 5745MHz Ant 1



EBW NVNT 802.11a 5785MHz Ant 1



EBW NVNT 802.11a 5825MHz Ant 1



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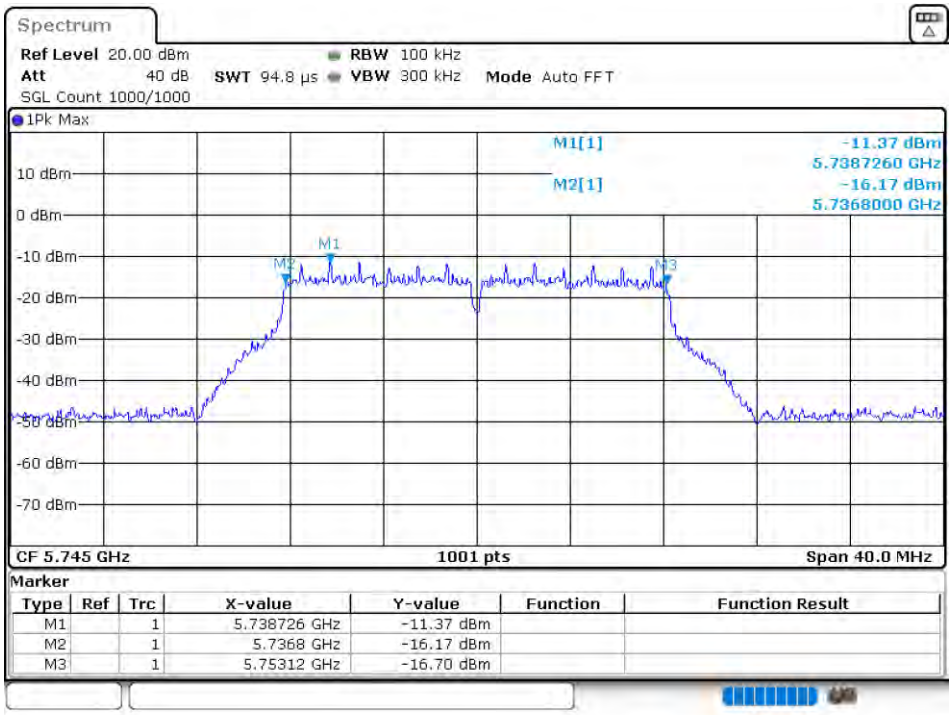

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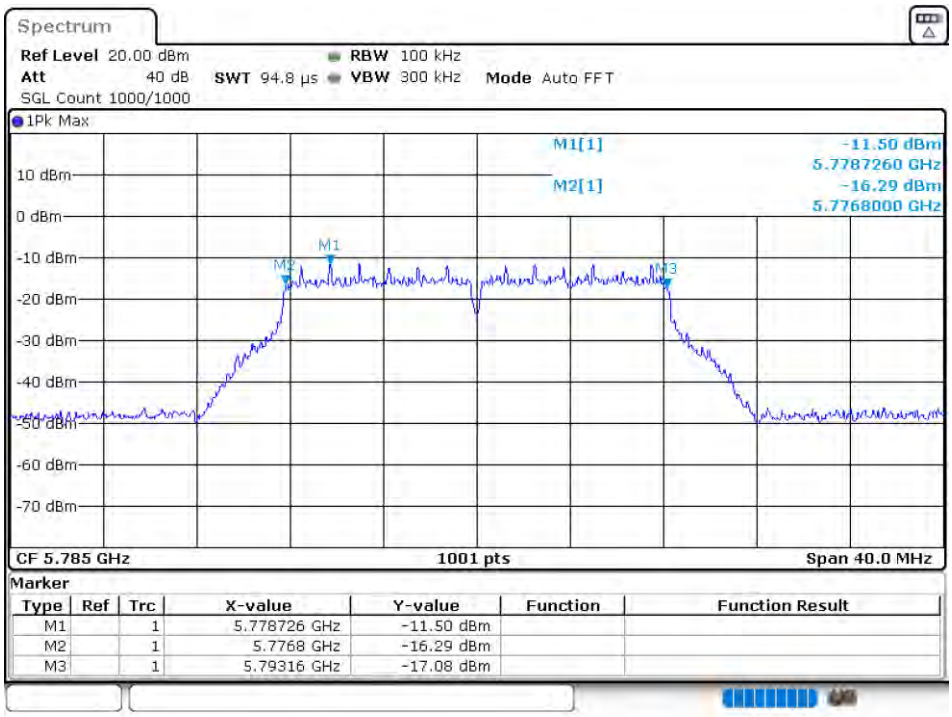

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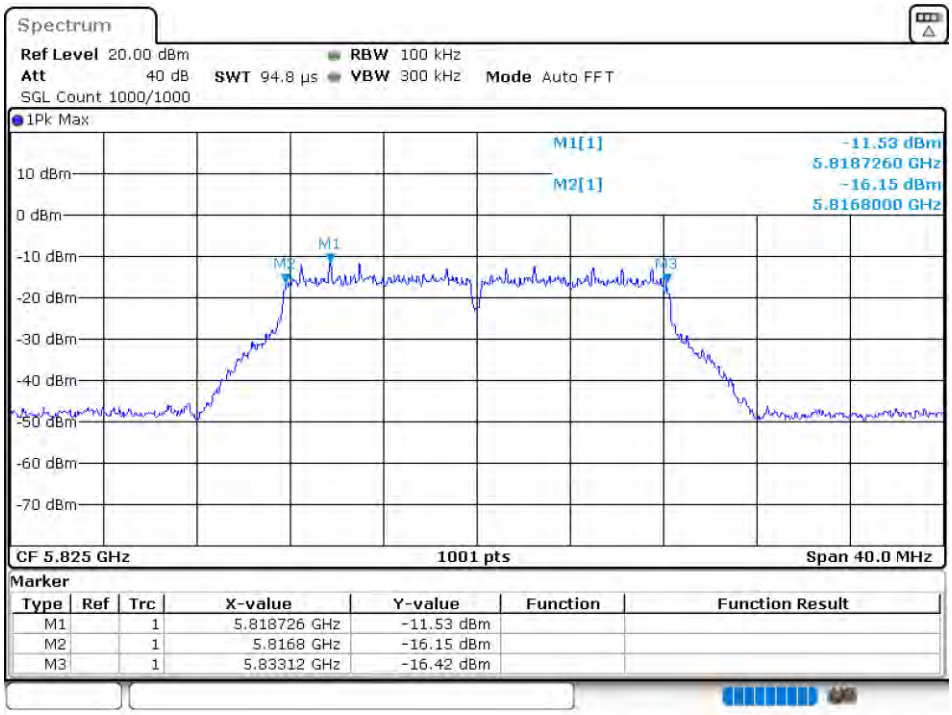

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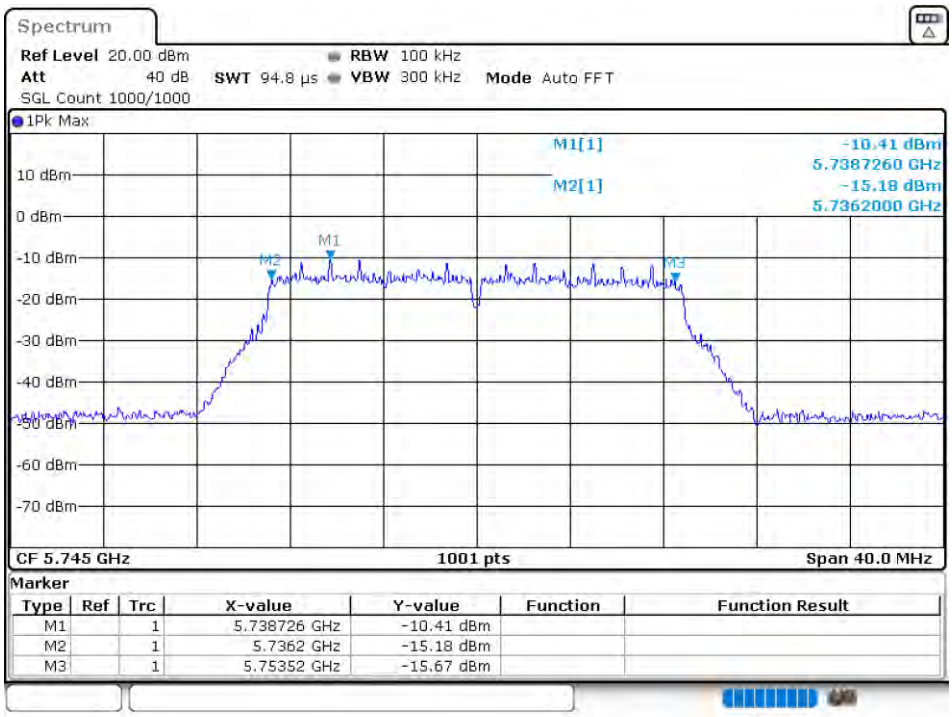

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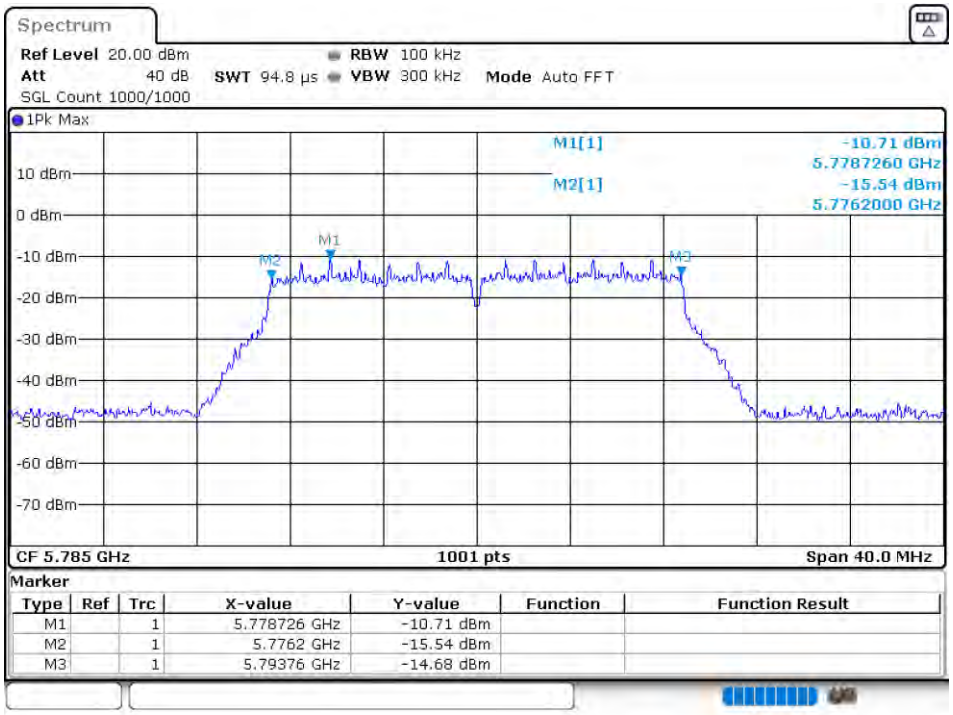

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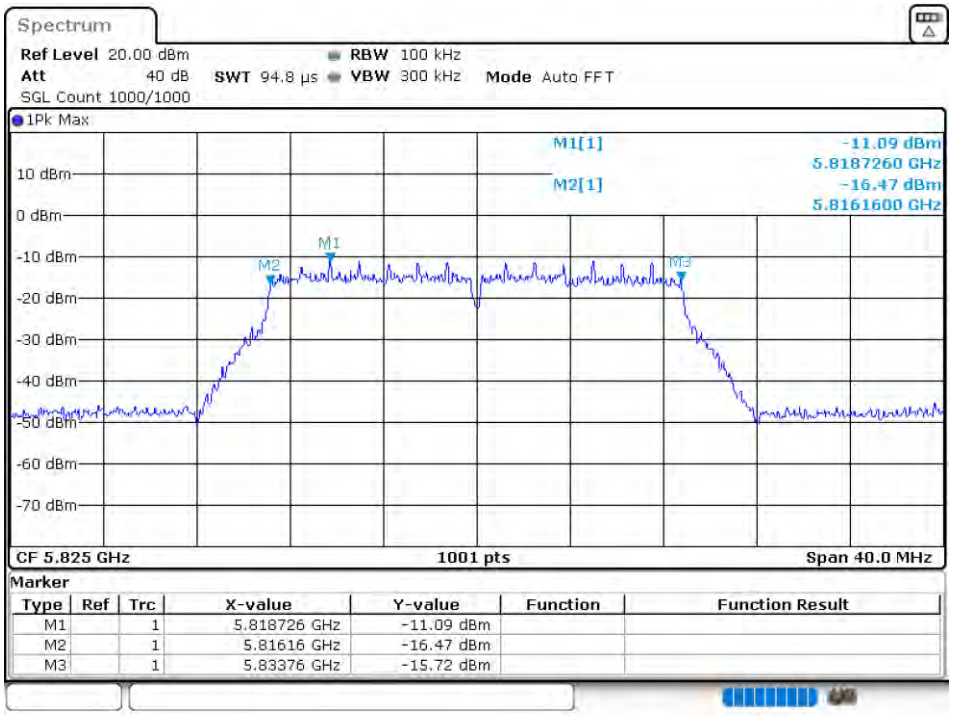

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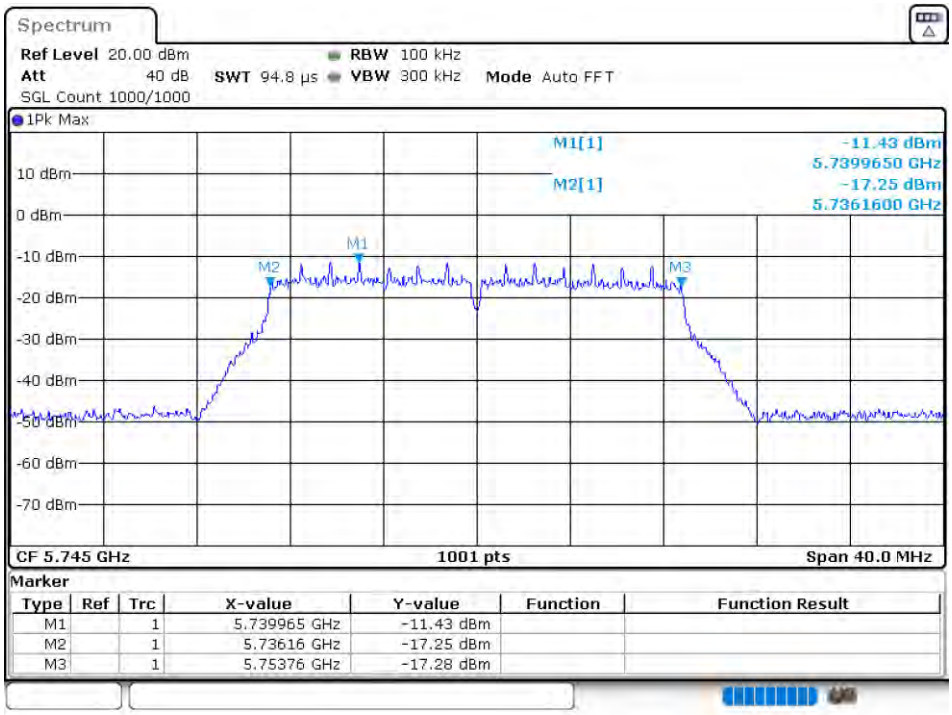

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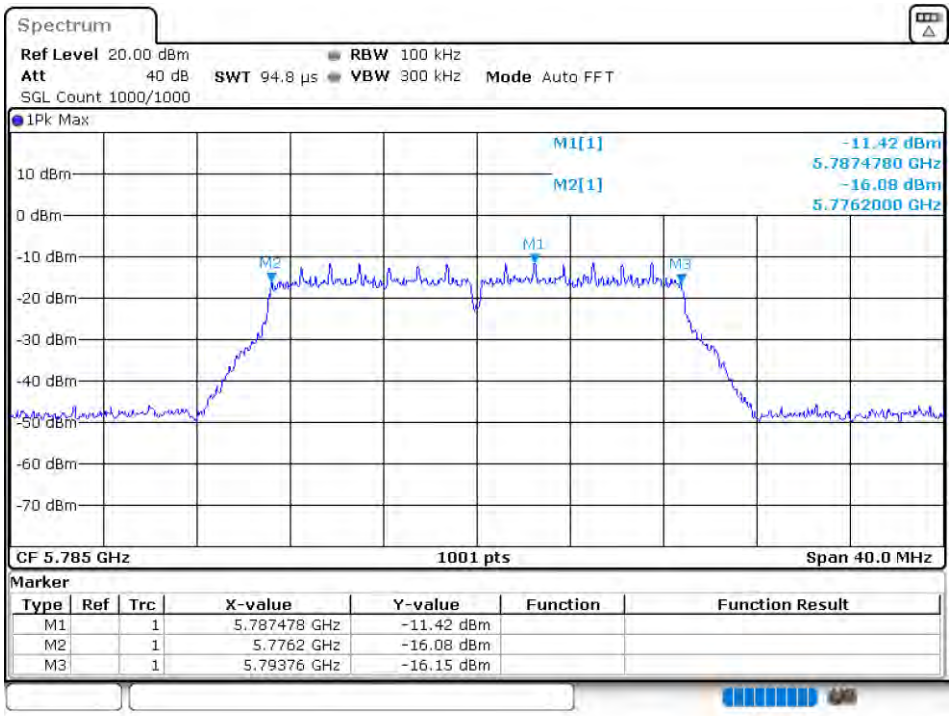

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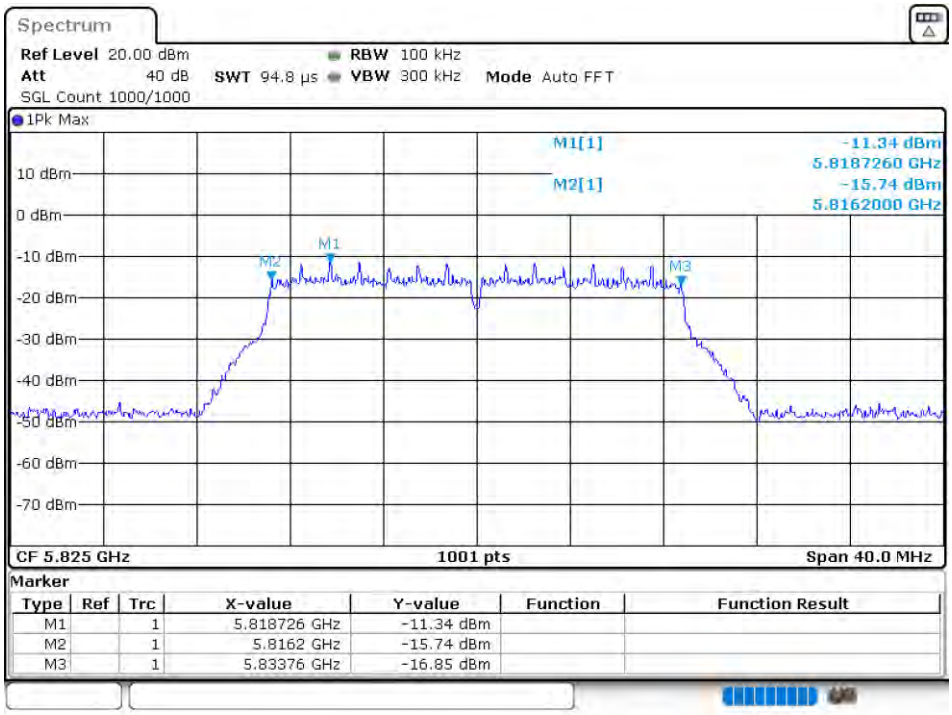

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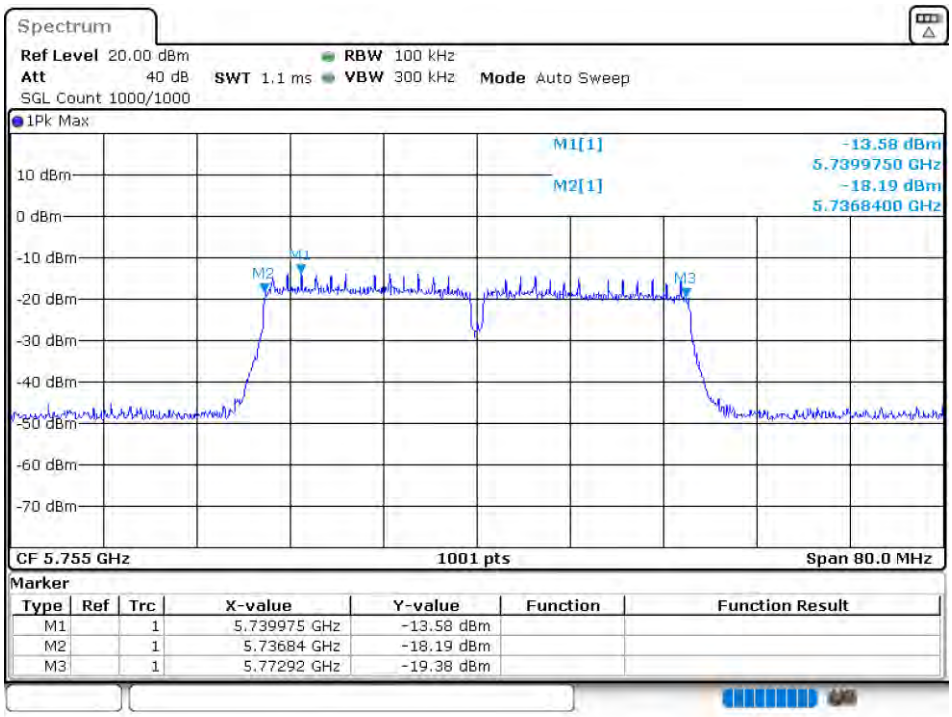

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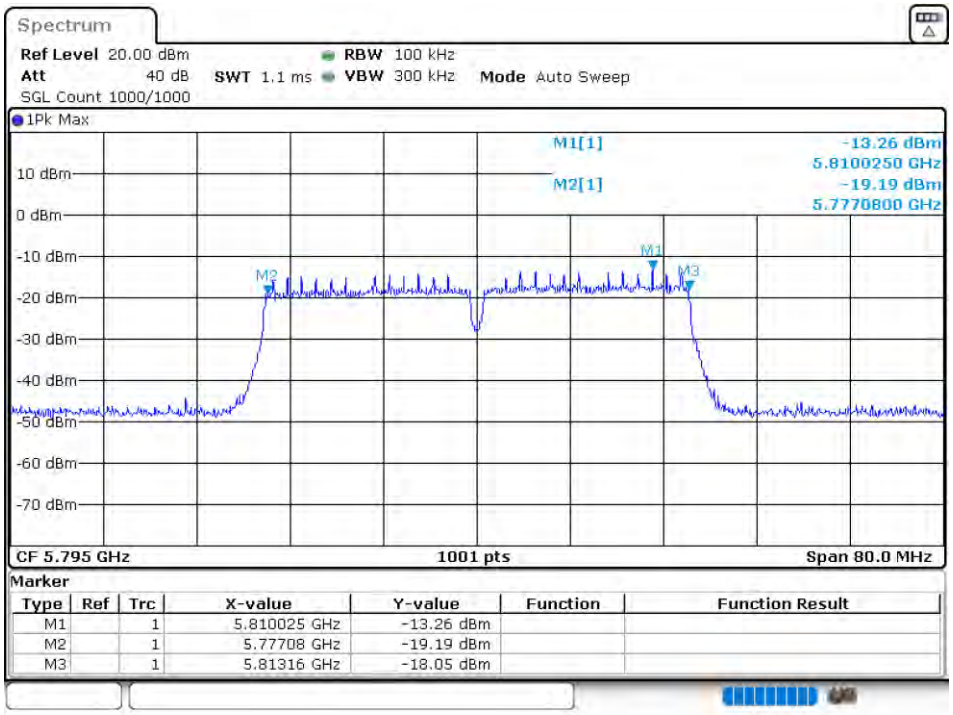

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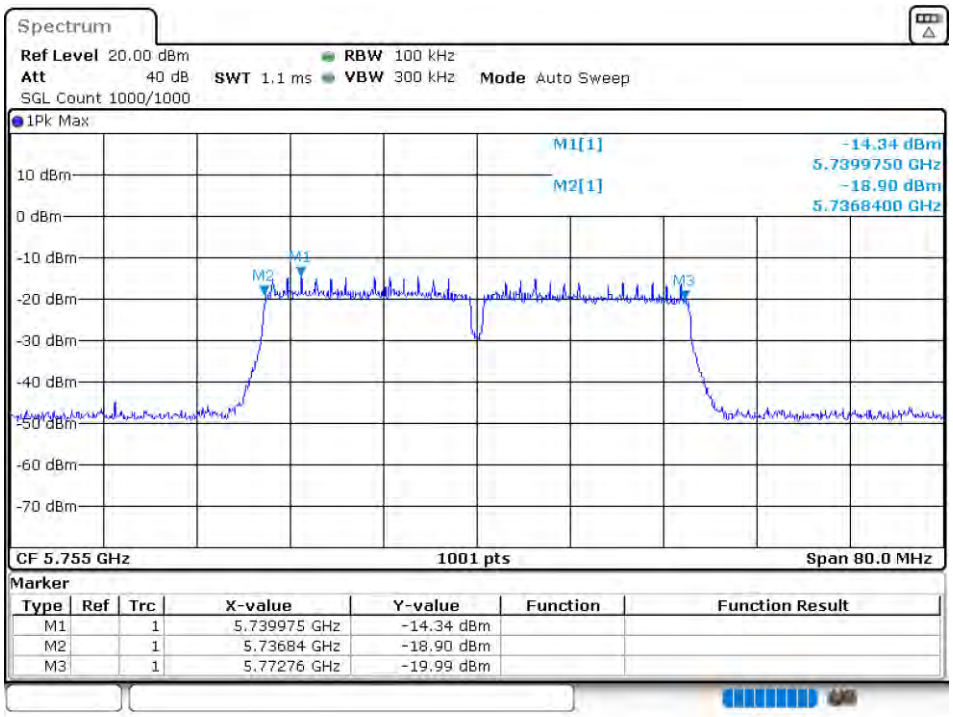

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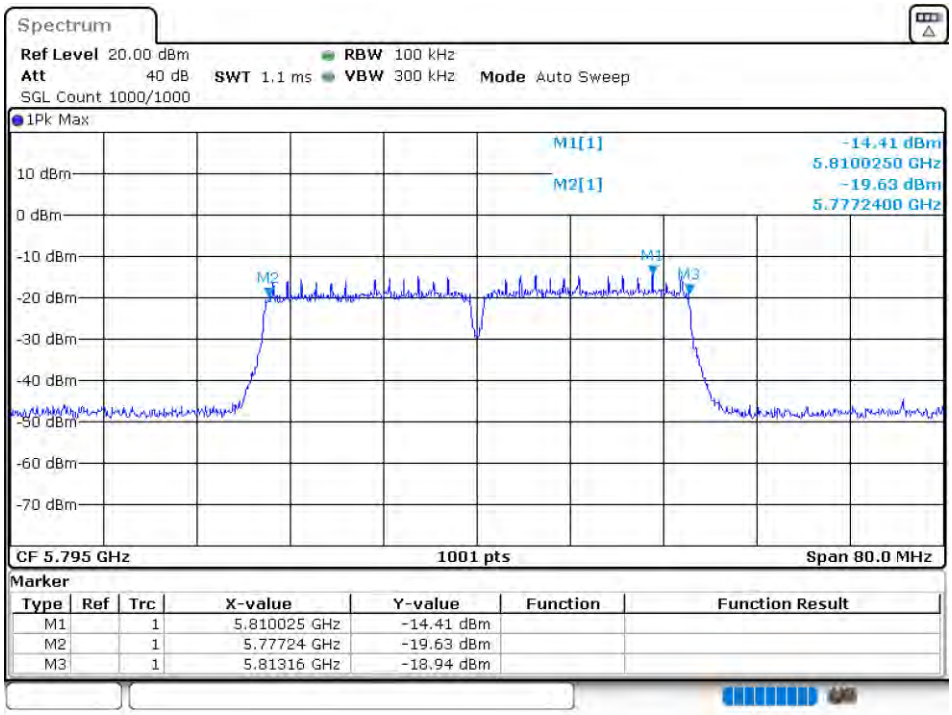
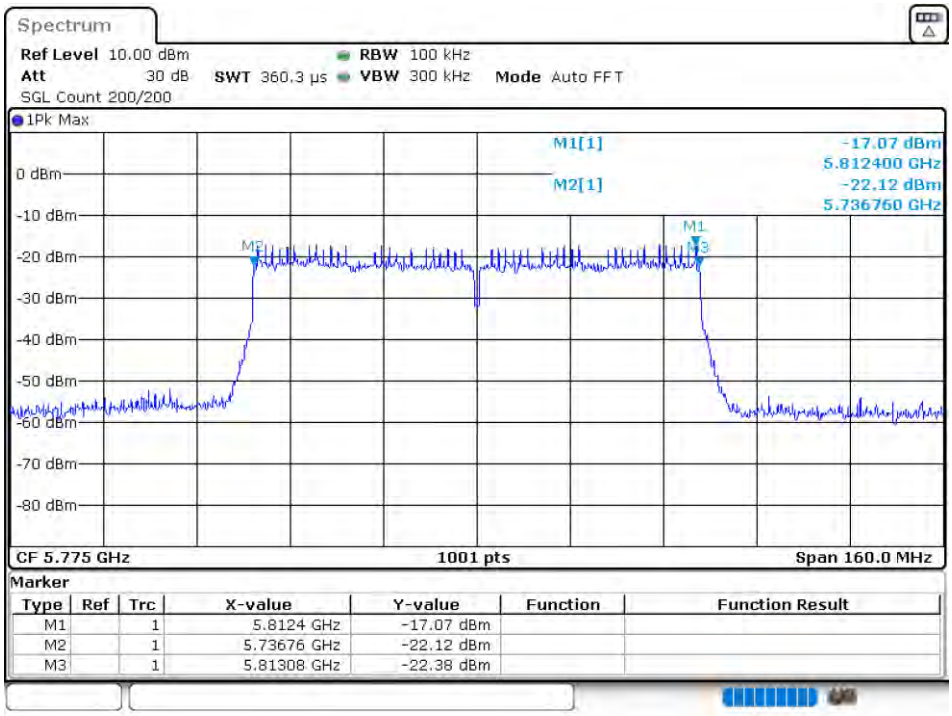


EBW NVNT 802.11ac80 5775MHz Ant 1



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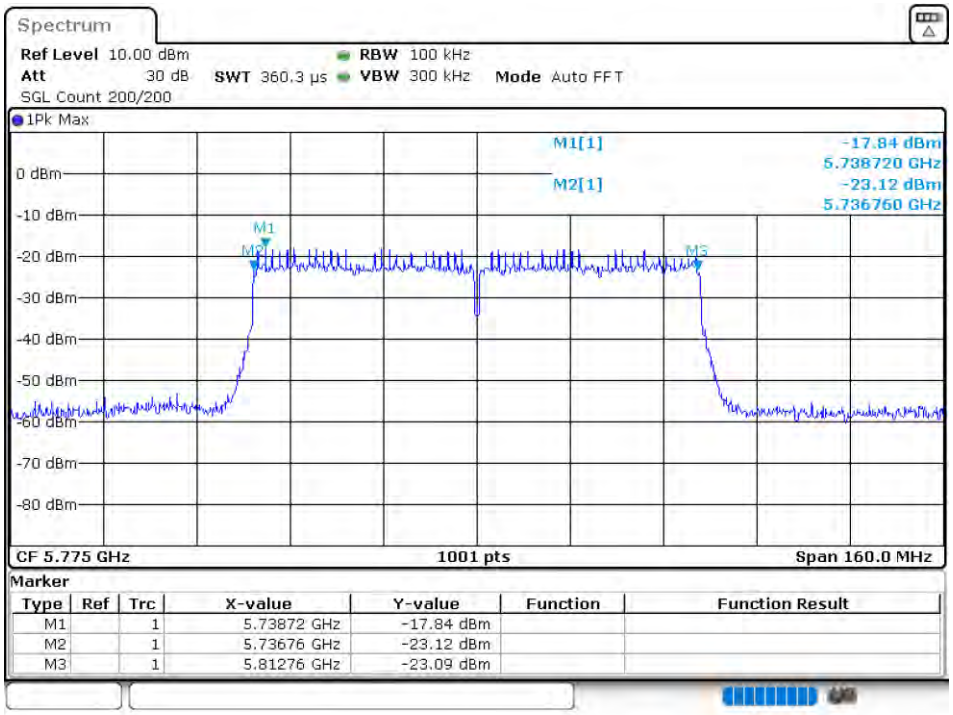
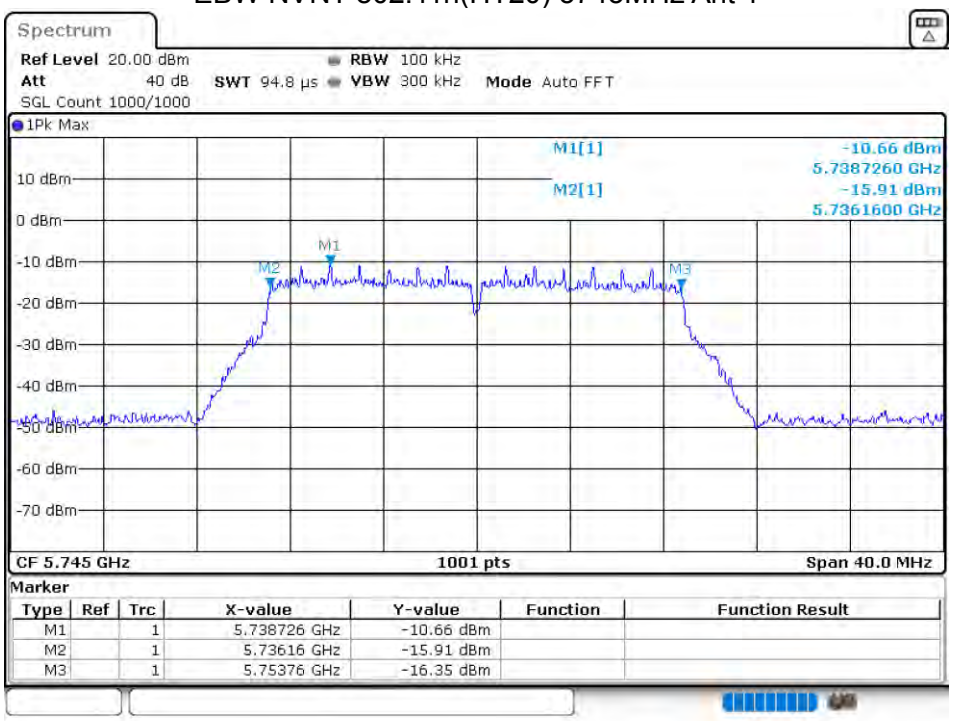


EBW NVNT 802.11n(HT20) 5745MHz Ant 1



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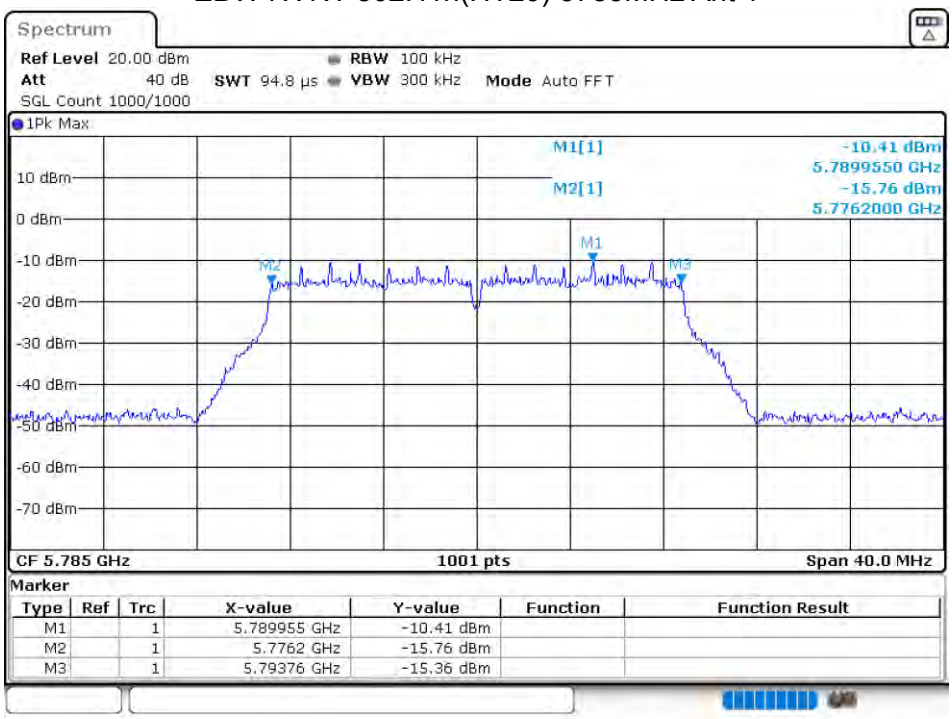
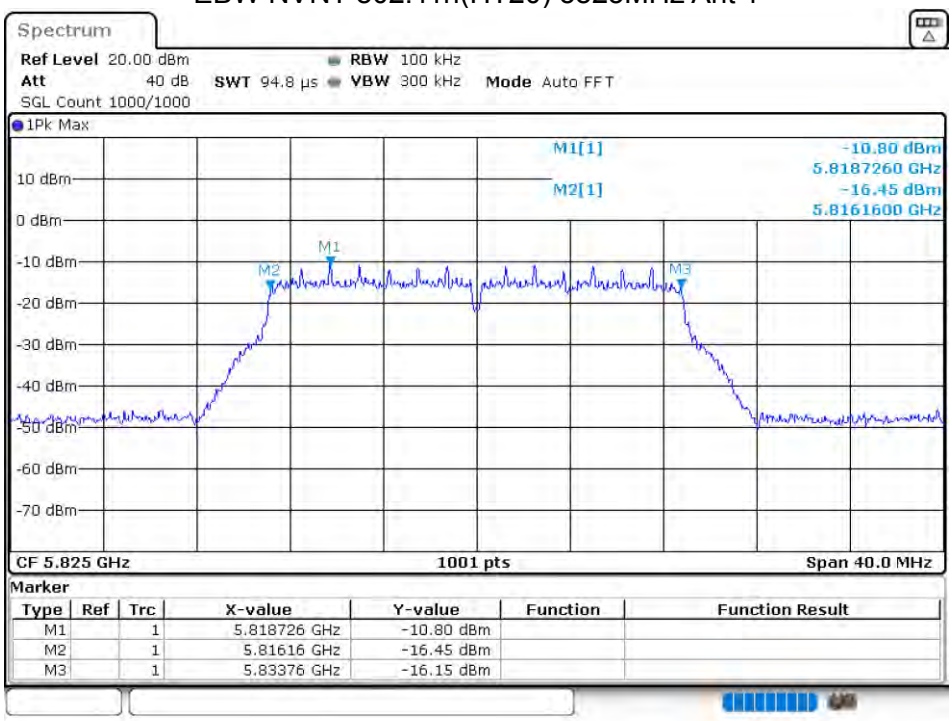
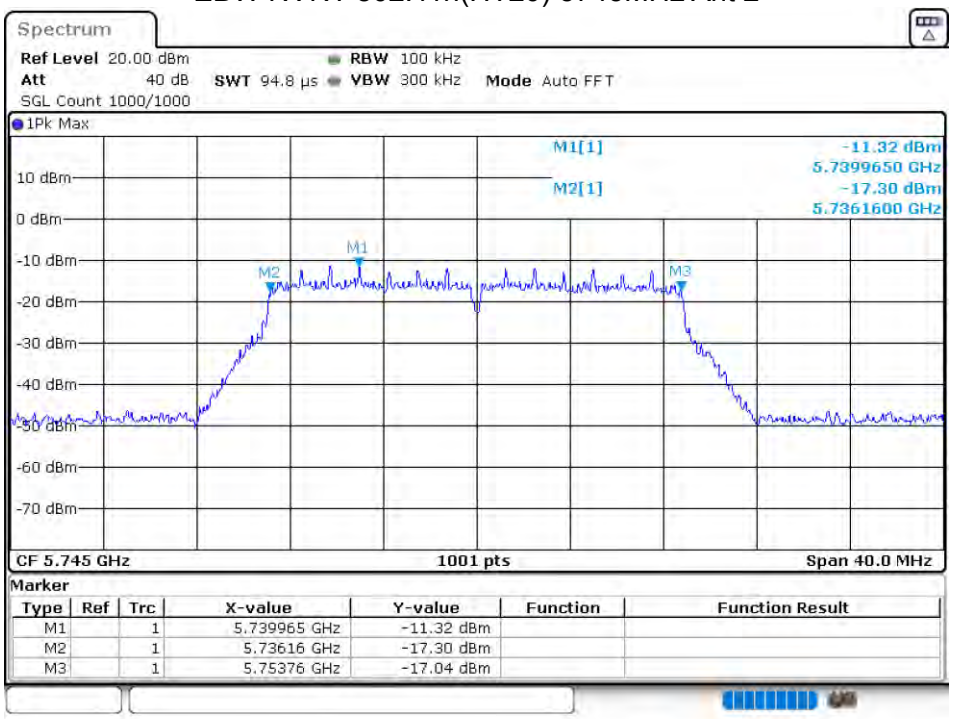


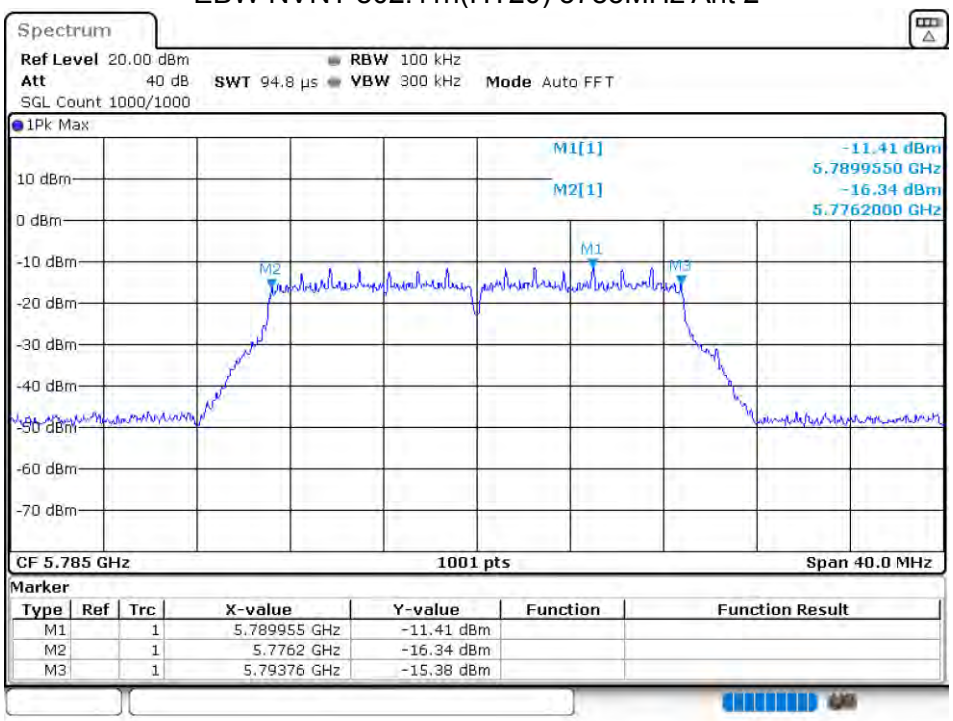
EBW NVNT 802.11n(HT20) 5825MHz Ant 1



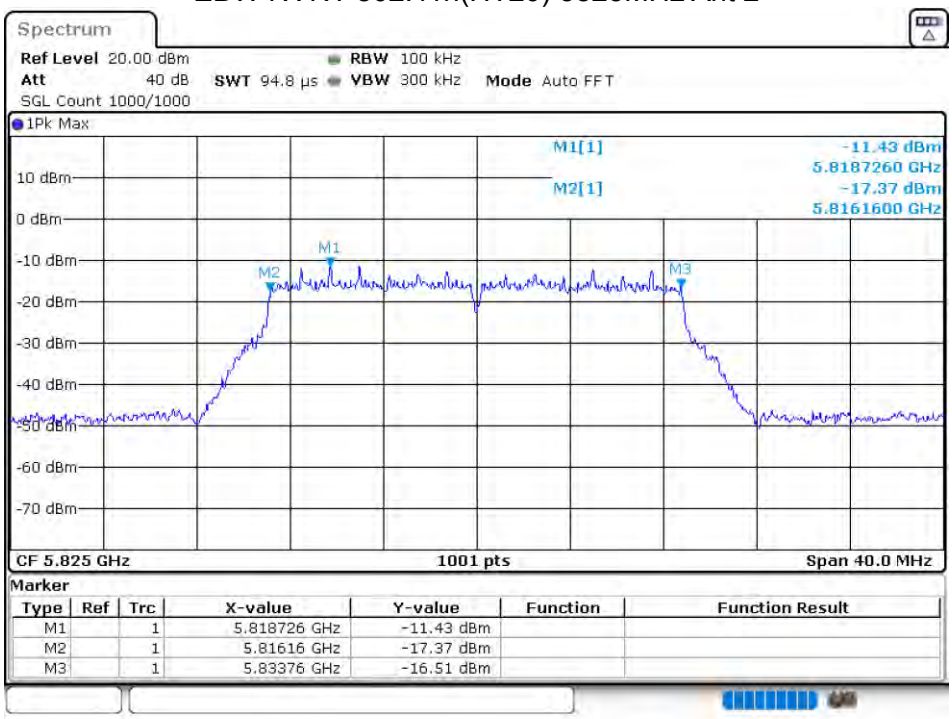
EBW NVNT 802.11n(HT20) 5745MHz Ant 2



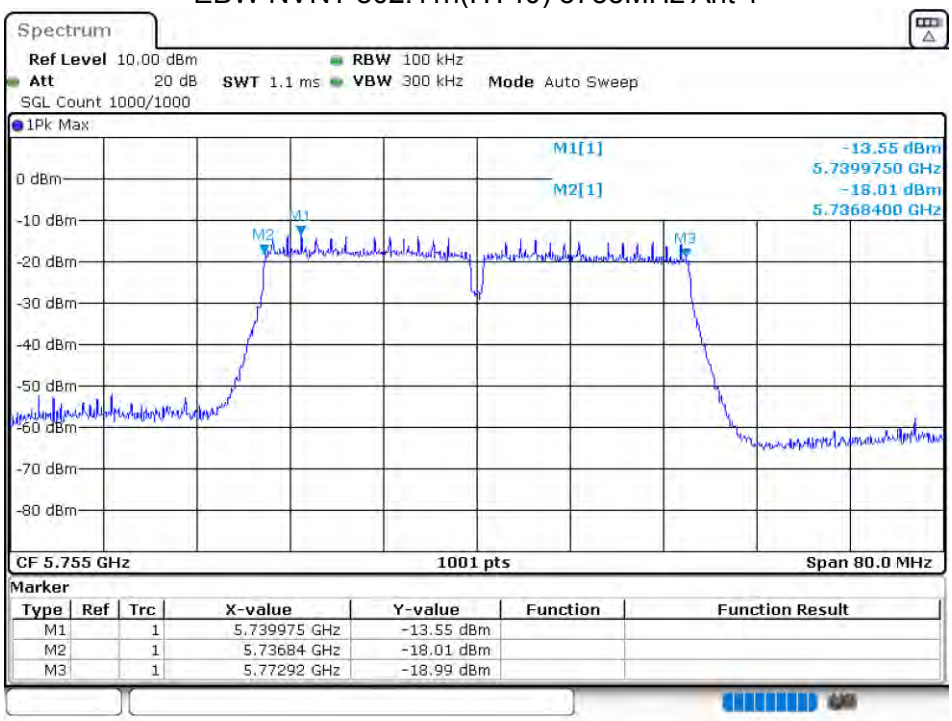
EBW NVNT 802.11n(HT20) 5785MHz Ant 2



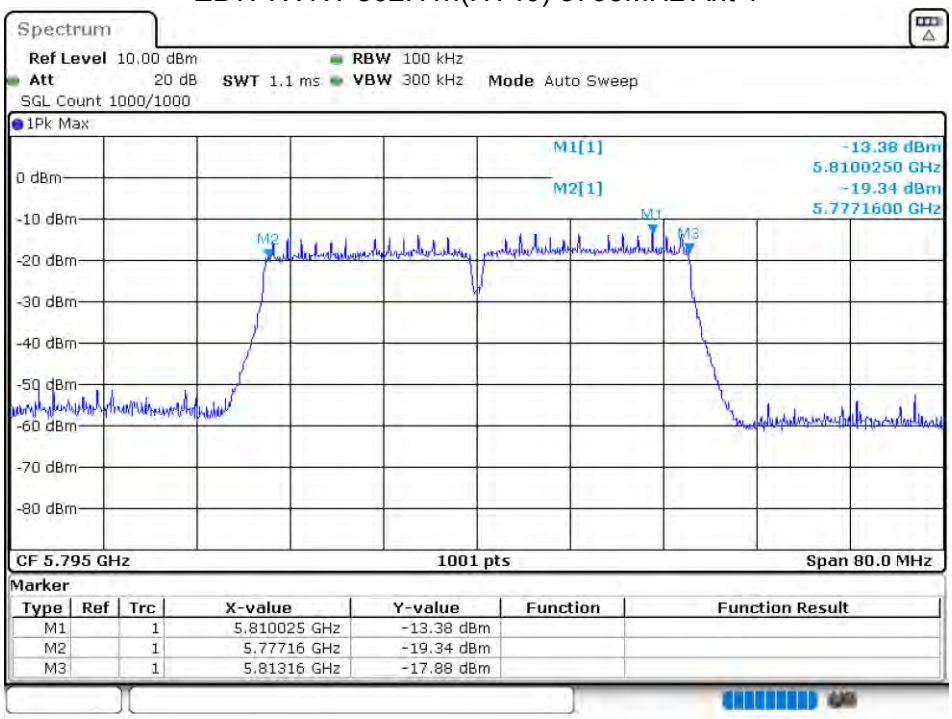
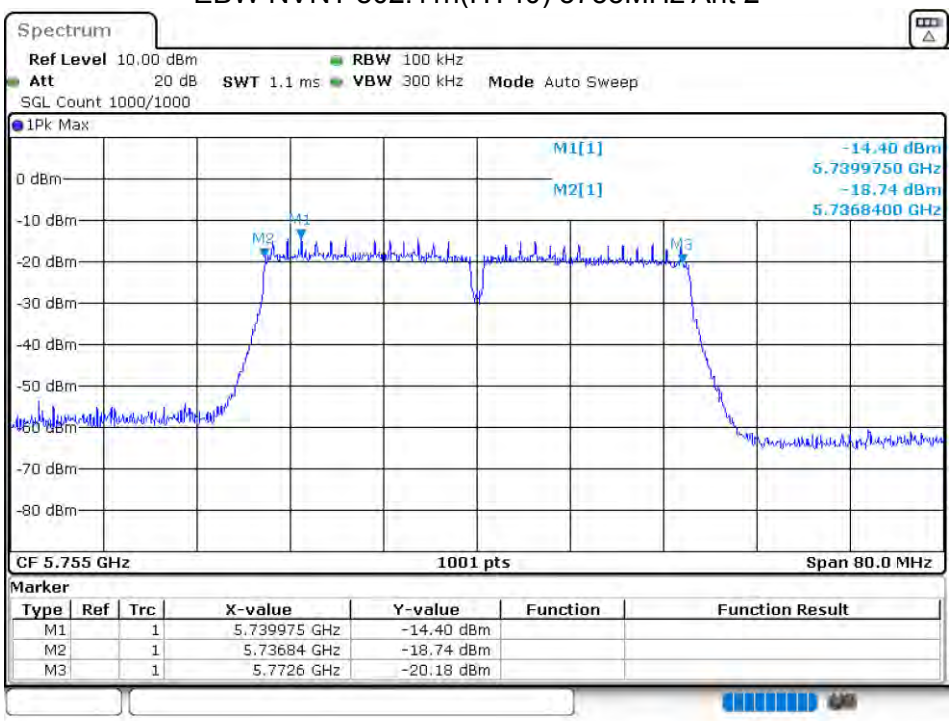
EBW NVNT 802.11n(HT20) 5825MHz Ant 2



EBW NVNT 802.11n(HT40) 5755MHz Ant 1



EBW NVNT 802.11n(HT40) 5795MHz Ant 1



EBW NVNT 802.11n(HT40) 5755MHz Ant 2