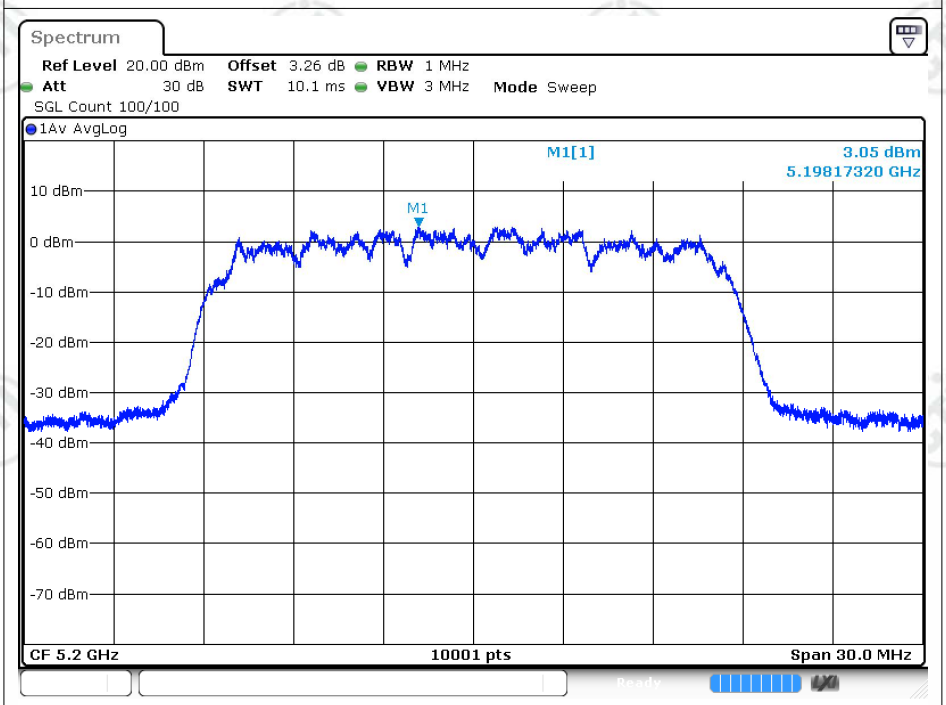
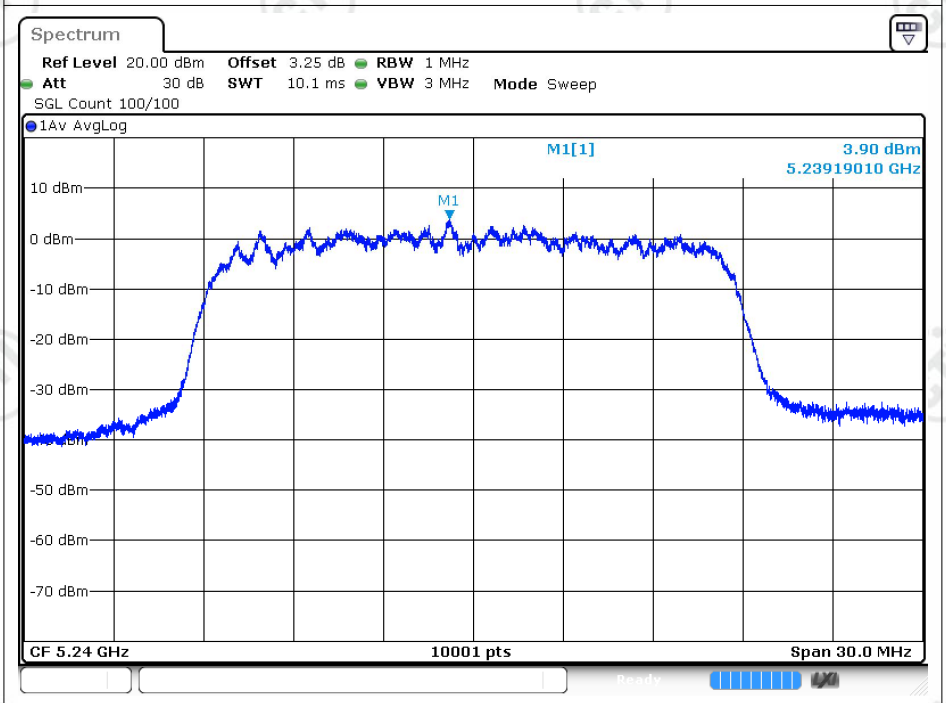
PSD NVNT a 5200MHz Ant2



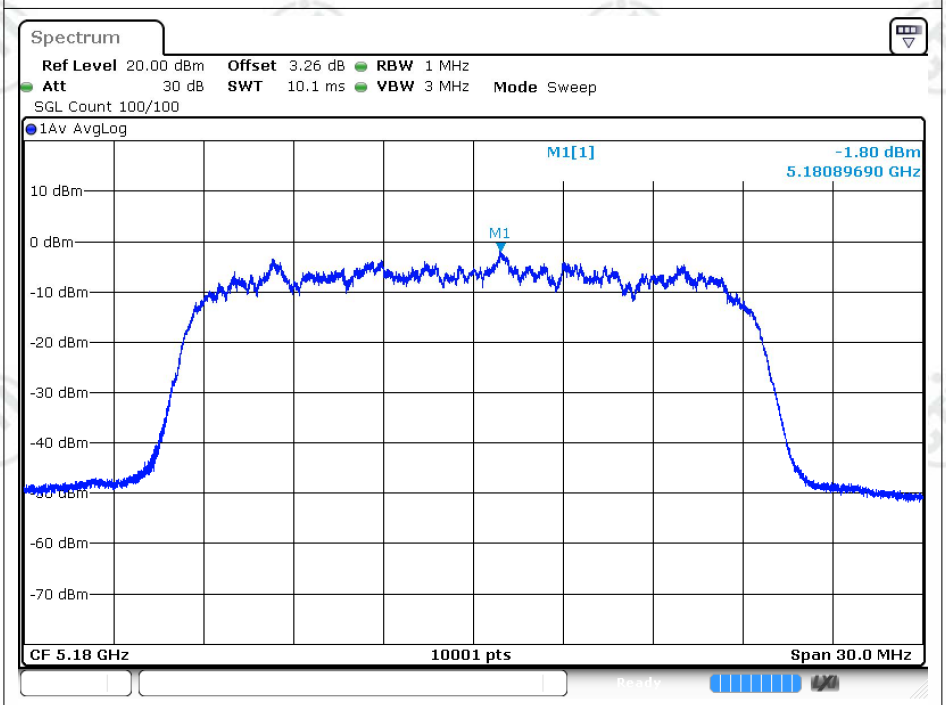
Date: 15.APR.2025 04:59:31

PSD NVNT a 5240MHz Ant2



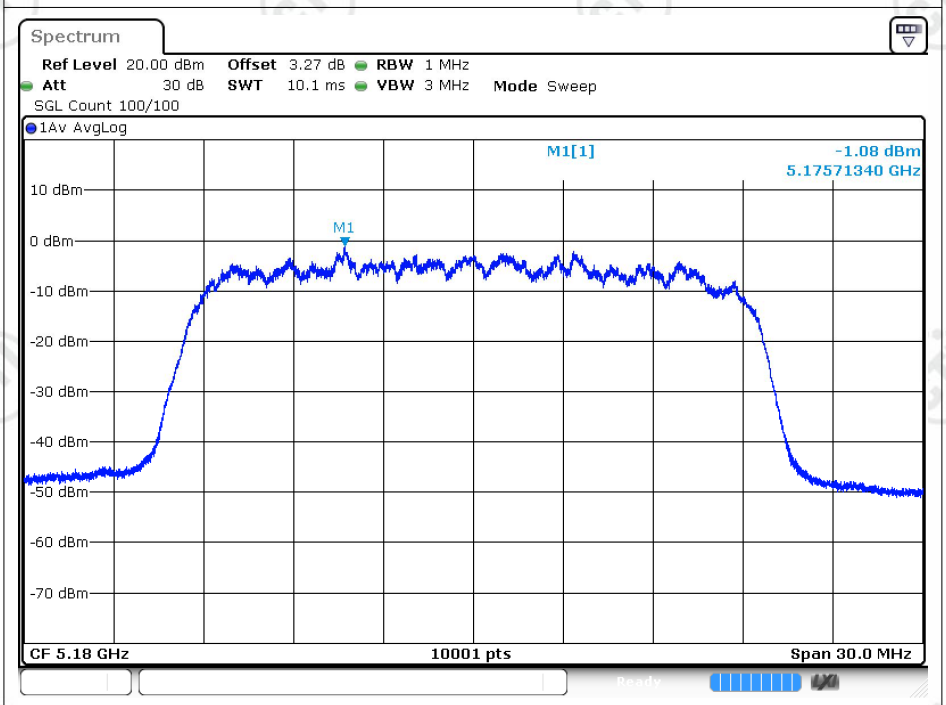
Date: 15.APR.2025 05:01:03

PSD NVNT AC20MIMO 5180MHz Ant1



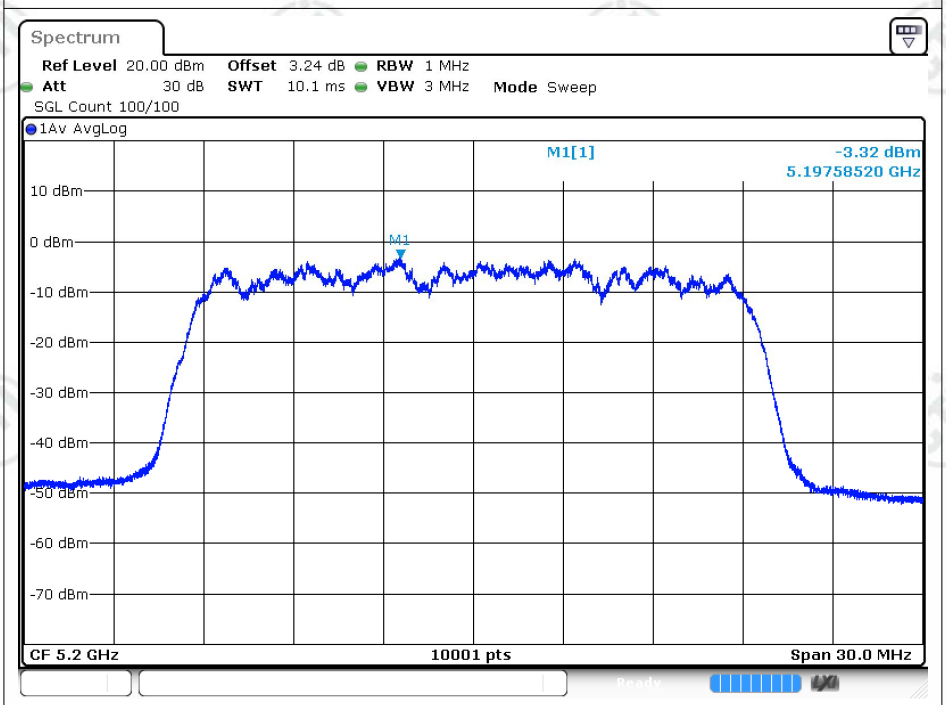
Date: 11.APR.2025 05:07:00

PSD NVNT AC20MIMO 5180MHz Ant2



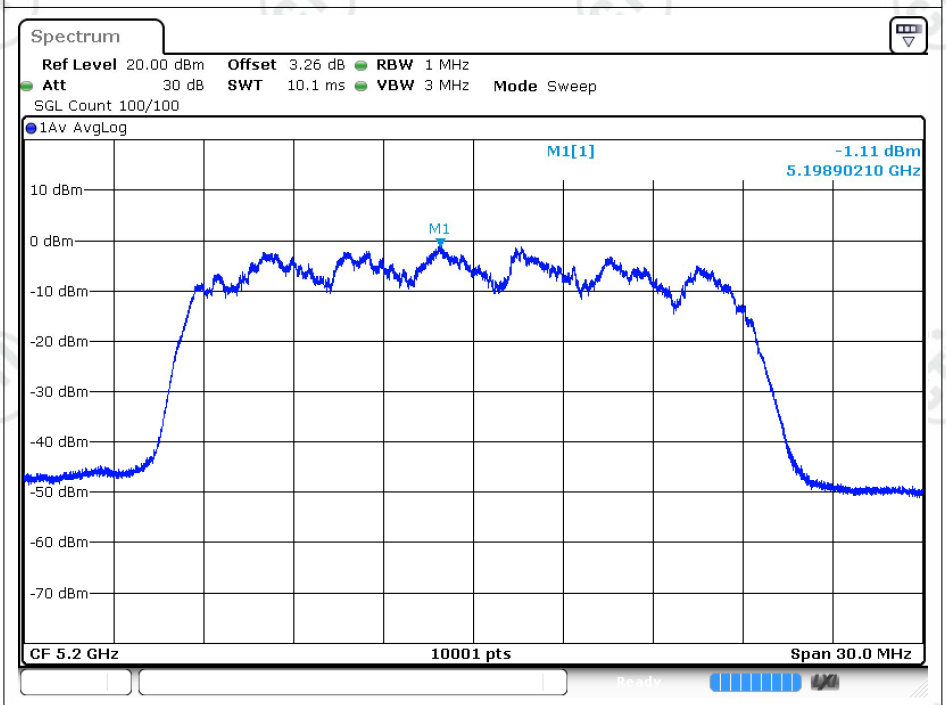
Date: 11.APR.2025 05:07:03

PSD NVNT AC20MIMO 5200MHz Ant1



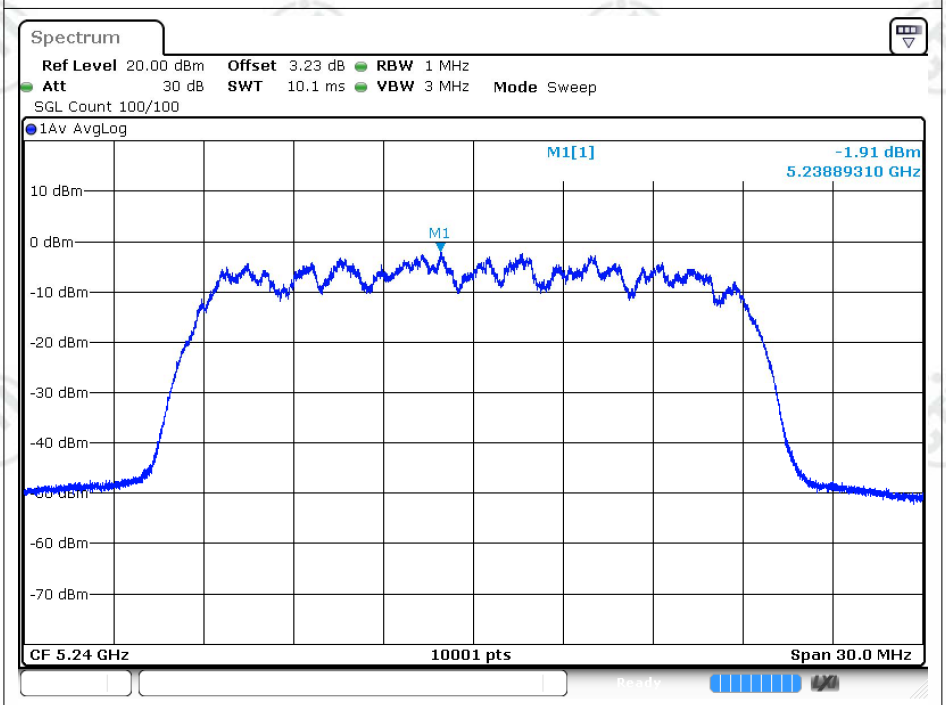
Date: 11.APR.2025 05:09:48

PSD NVNT AC20MIMO 5200MHz Ant2



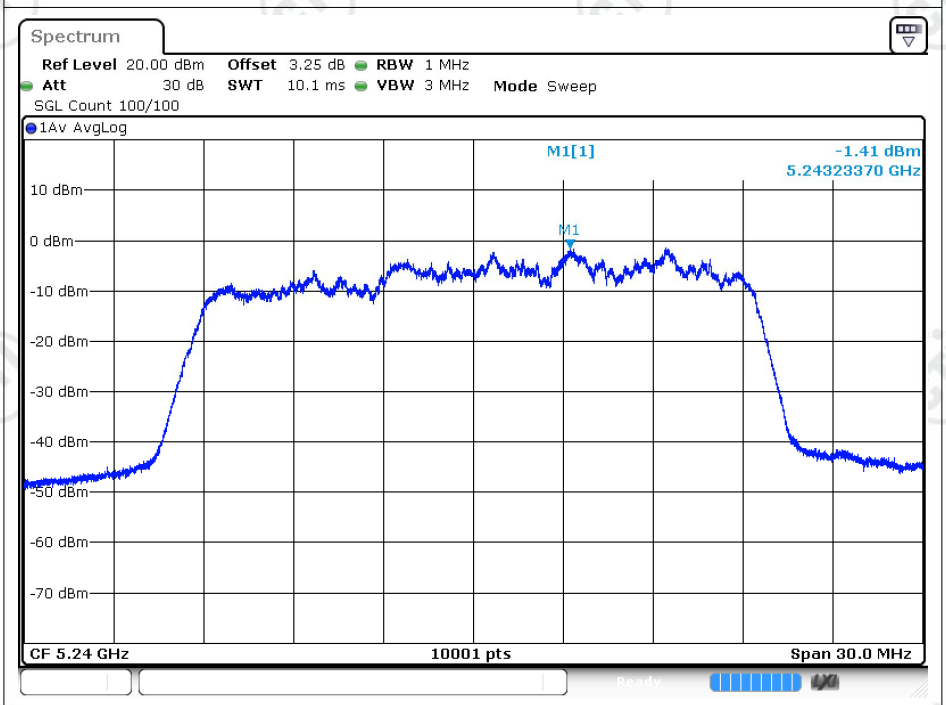
Date: 11.APR.2025 05:09:51

PSD NVNT AC20MIMO 5240MHz Ant1



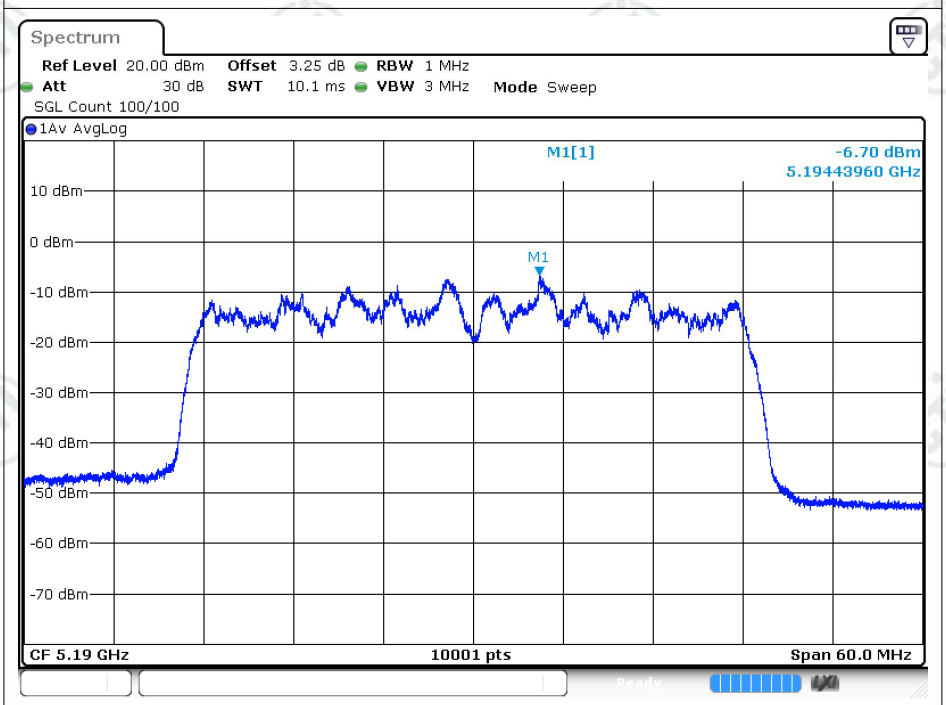
Date: 11.APR.2025 05:12:37

PSD NVNT AC20MIMO 5240MHz Ant2



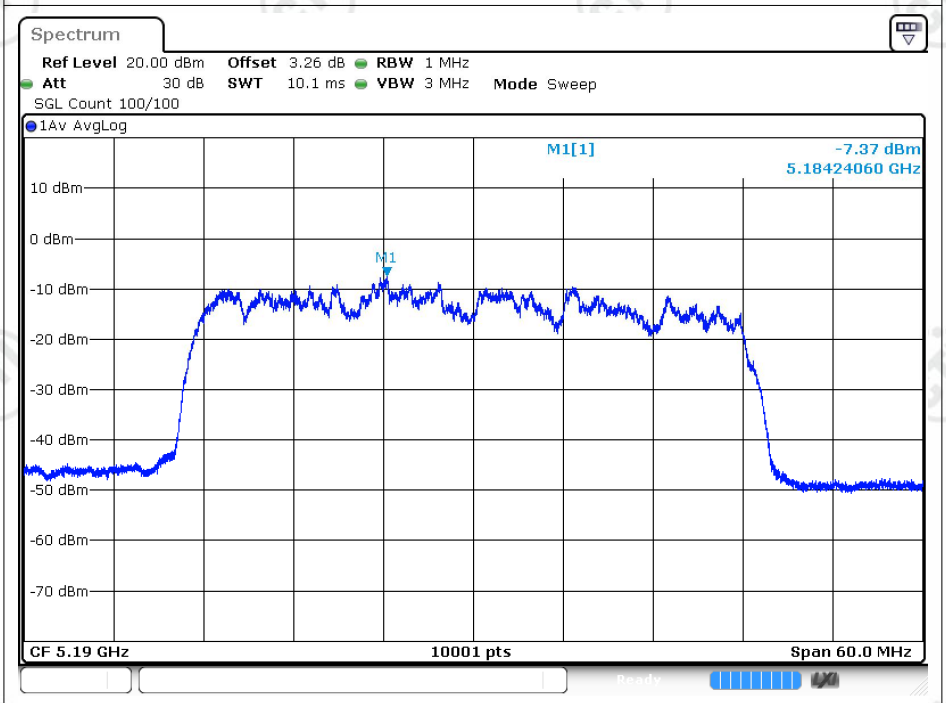
Date: 11.APR.2025 05:12:40

PSD NVNT AC40MIMO 5190MHz Ant1



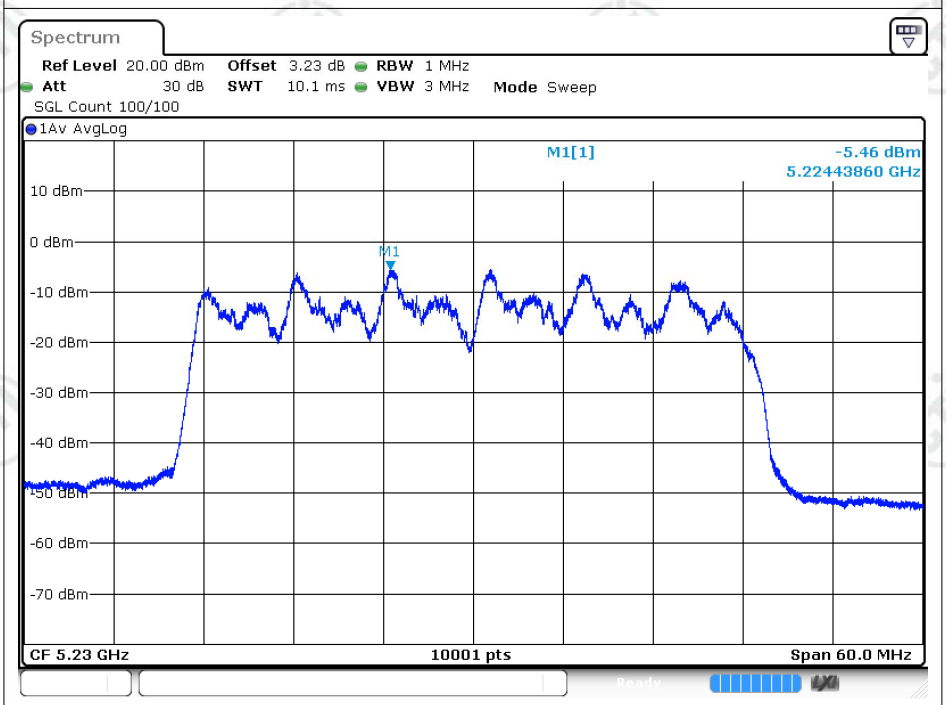
Date: 11.APR.2025 05:15:40

PSD NVNT AC40MIMO 5190MHz Ant2



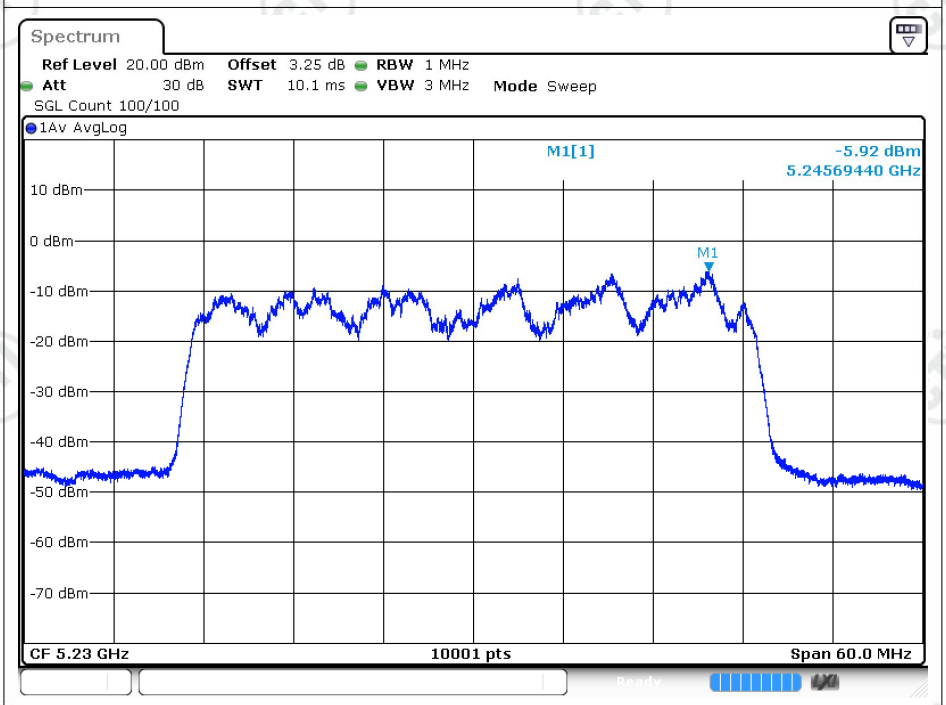
Date: 11.APR.2025 05:15:43

PSD NVNT AC40MIMO 5230MHz Ant1



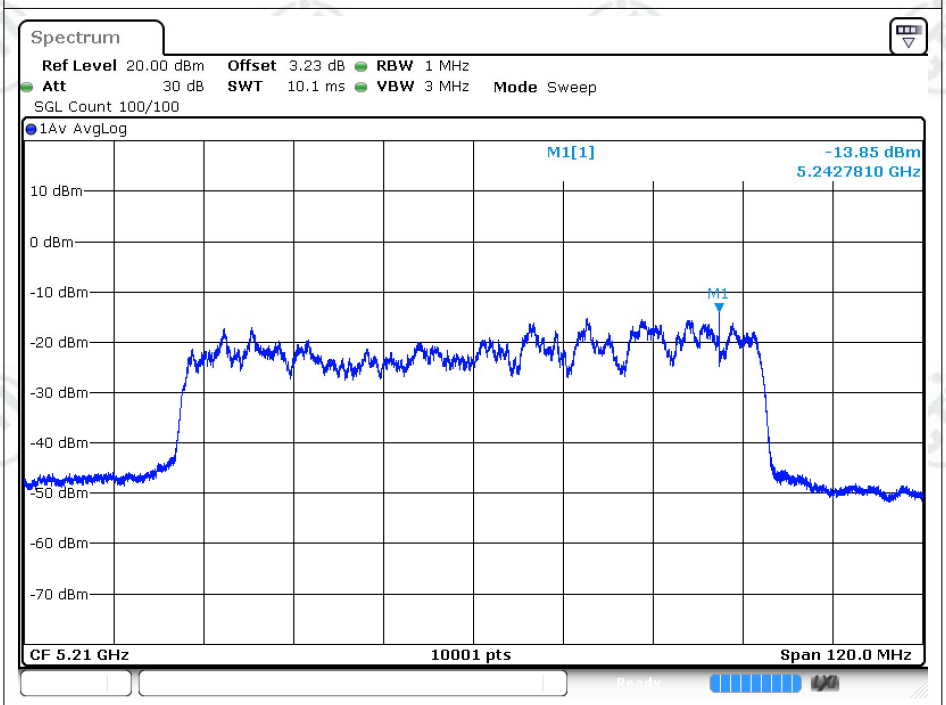
Date: 11.APR.2025 05:17:30

PSD NVNT AC40MIMO 5230MHz Ant2



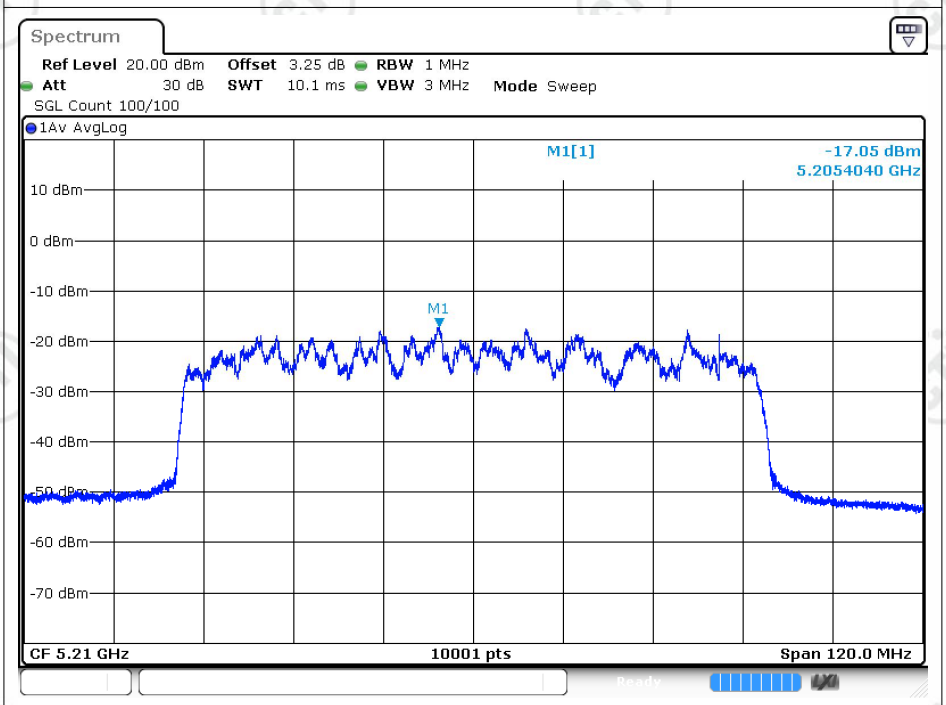
Date: 11.APR.2025 05:17:33

PSD NVNT AC80MIMO 5210MHz Ant1



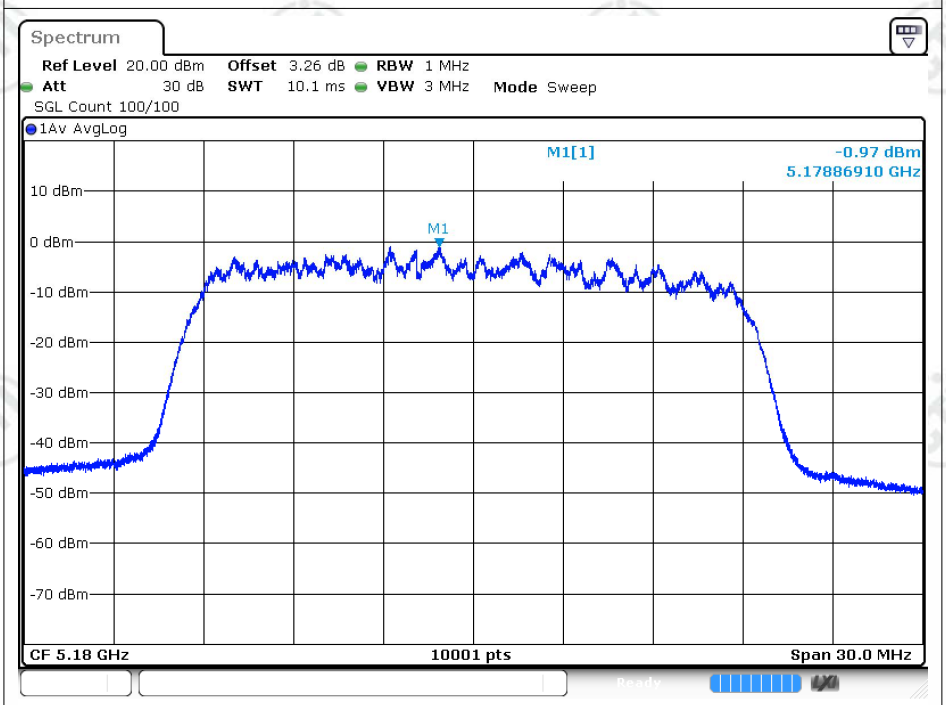
Date: 15.APR.2025 05:03:40

PSD NVNT AC80MIMO 5210MHz Ant2



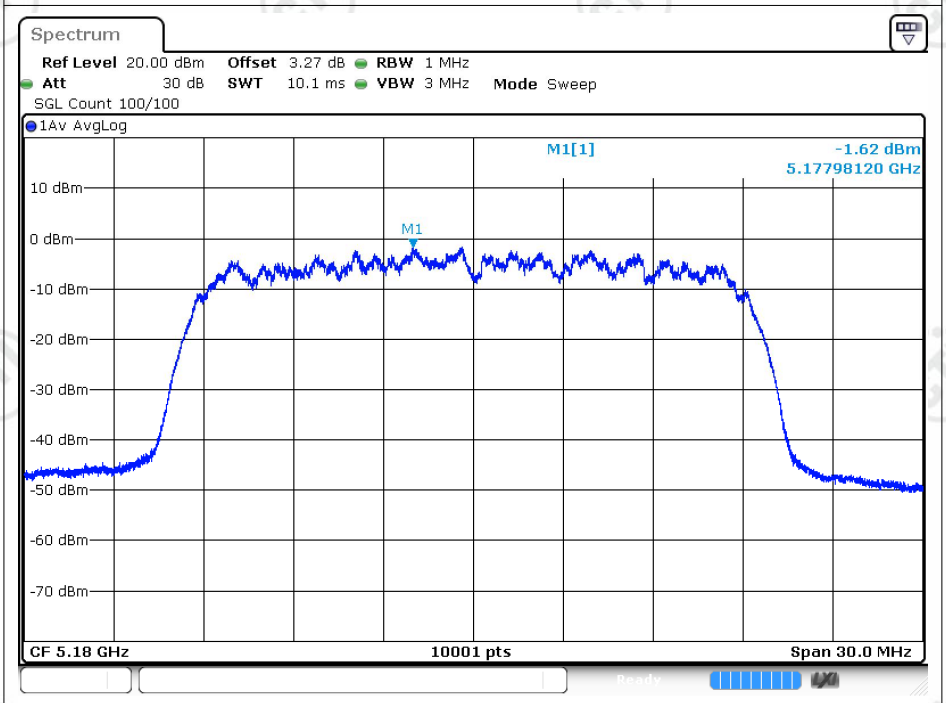
Date: 15.APR.2025 05:03:43

PSD NVNT N20MIMO 5180MHz Ant1



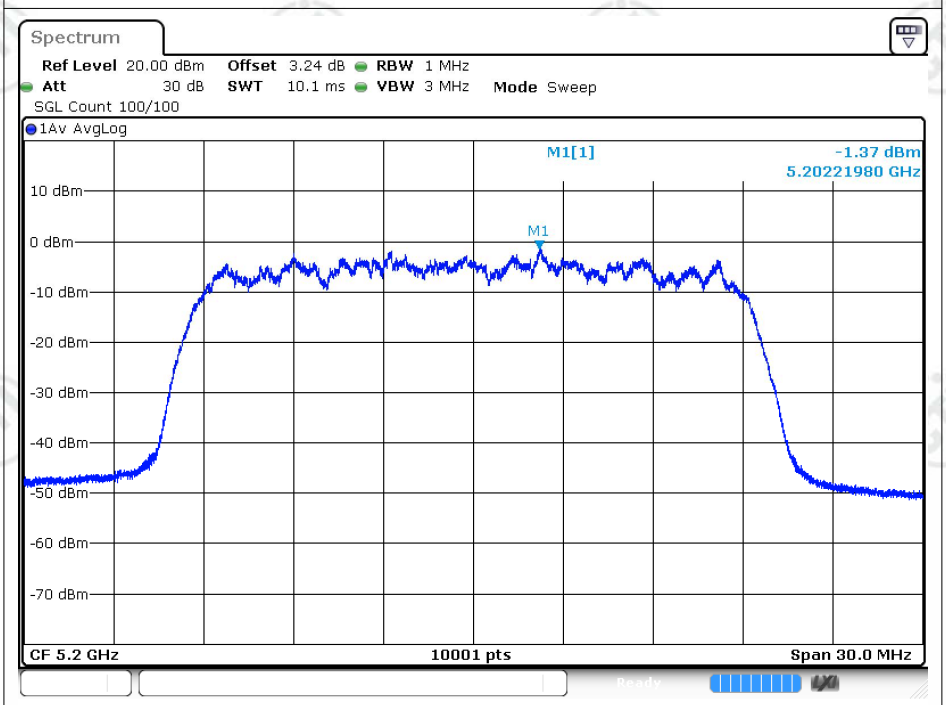
Date: 11.APR.2025 04:45:01

PSD NVNT N20MIMO 5180MHz Ant2



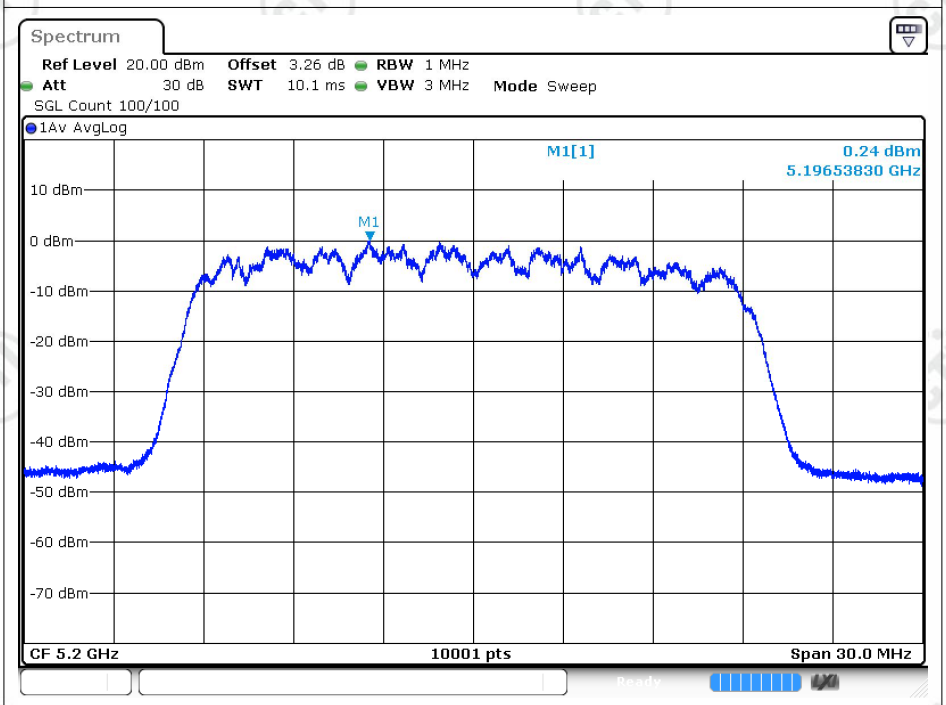
Date: 11.APR.2025 04:45:04

PSD NVNT N20MIMO 5200MHz Ant1



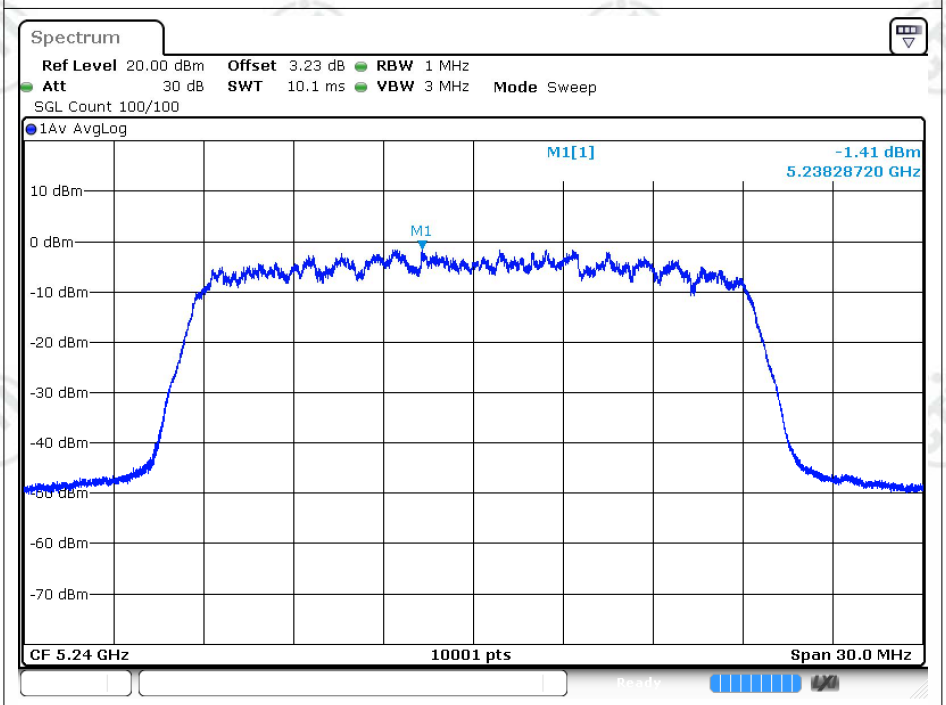
Date: 11.APR.2025 04:49:34

PSD NVNT N20MIMO 5200MHz Ant2



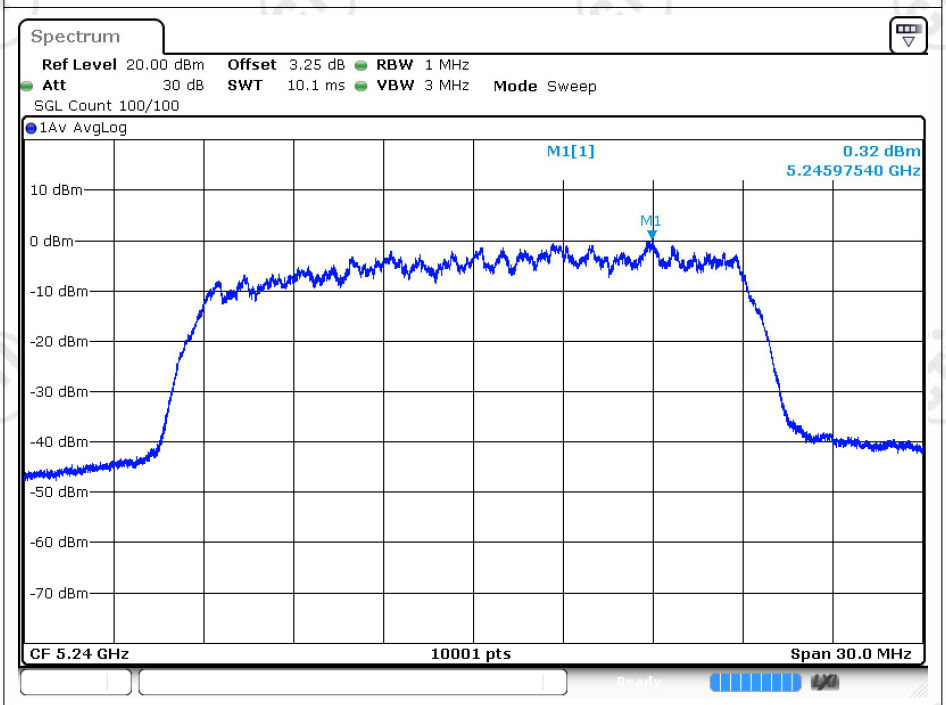
Date: 11.APR.2025 04:49:38

PSD NVNT N20MIMO 5240MHz Ant1



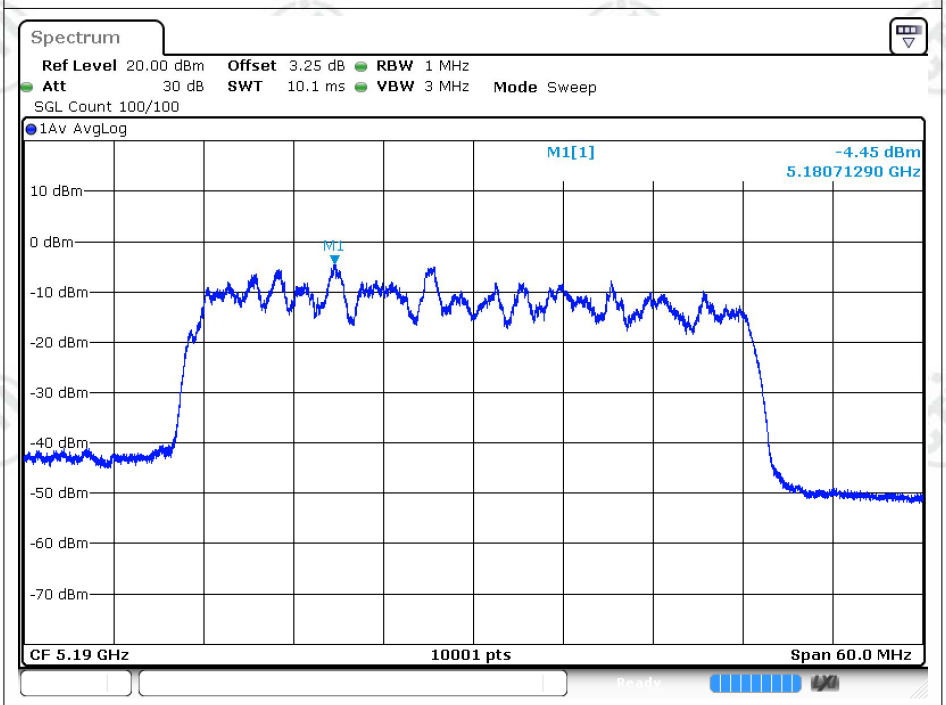
Date: 11.APR.2025 04:51:21

PSD NVNT N20MIMO 5240MHz Ant2



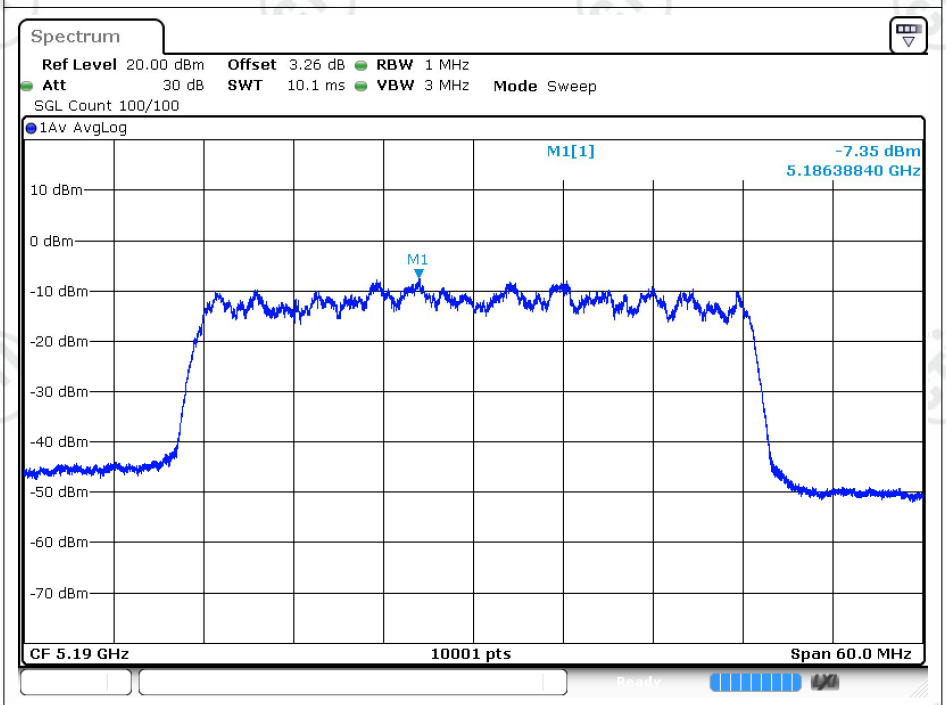
Date: 11.APR.2025 04:51:25

PSD NVNT N40MIMO 5190MHz Ant1



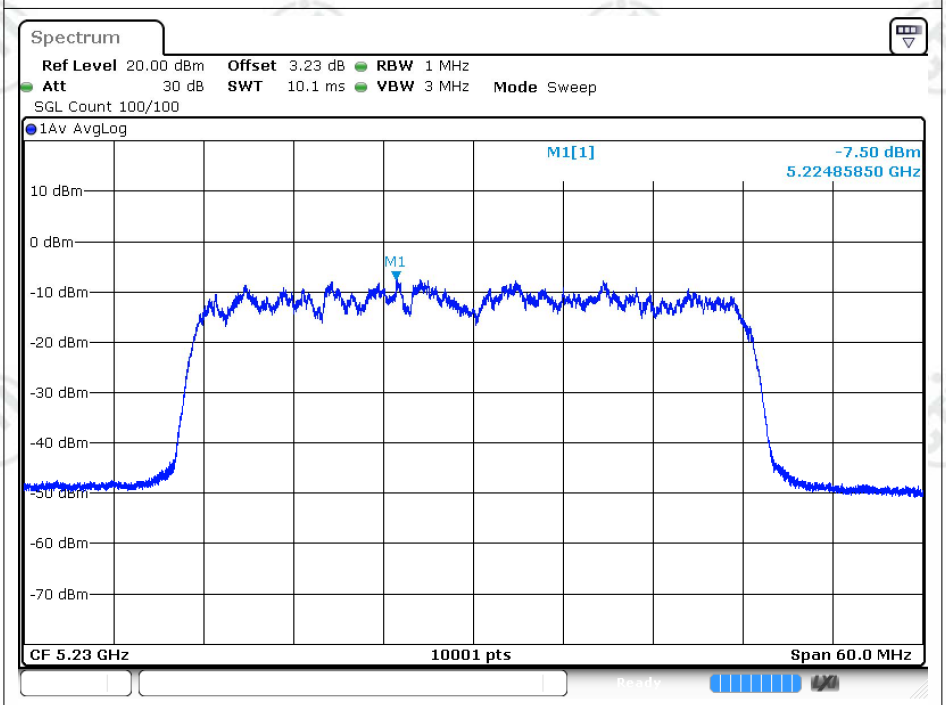
Date: 11.APR.2025 05:01:58

PSD NVNT N40MIMO 5190MHz Ant2



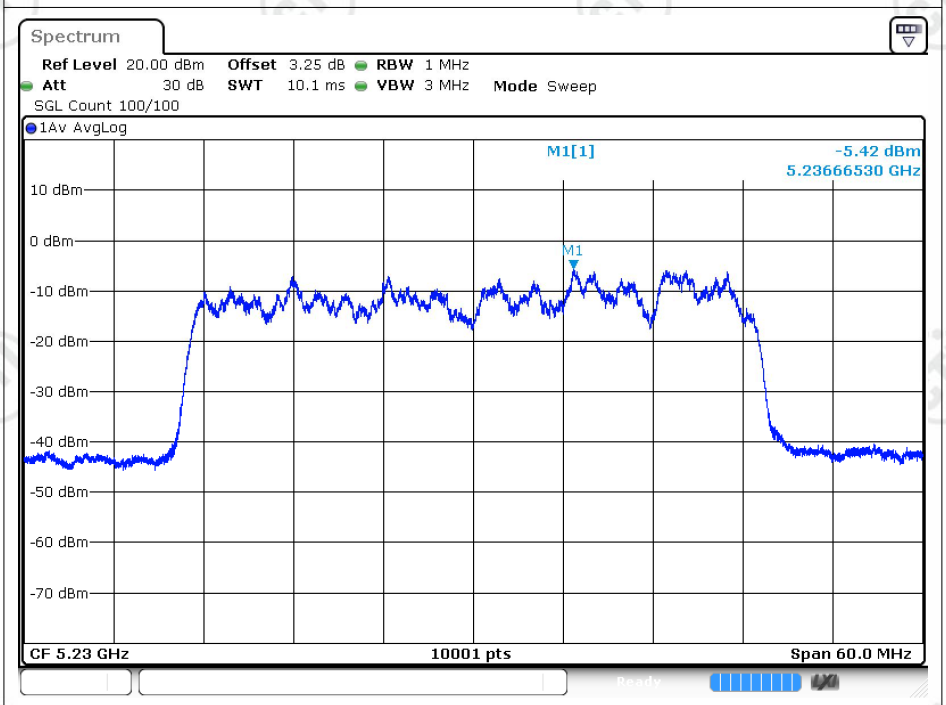
Date: 11.APR.2025 05:02:01

PSD NVNT N40MIMO 5230MHz Ant1



Date: 11.APR.2025 05:04:57

PSD NVNT N40MIMO 5230MHz Ant2



Date: 11.APR.2025 05:05:00

Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	a	5180	Ant1	5180	0	0	25	Pass
-20C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	a	5180	Ant1	5180	0	0	25	Pass
30C 120V	a	5180	Ant1	5180	0	0	25	Pass
40C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	a	5200	Ant1	5200	0	0	25	Pass
20C 120V	a	5200	Ant1	5200	0	0	25	Pass
20C 138V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-20C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
50C 120V	a	5200	Ant1	5200	0	0	25	Pass
20C 102V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 138V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-20C 120V	a	5240	Ant1	5240	0	0	25	Pass
-10C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	a	5180	Ant2	5180	0	0	25	Pass

20C 120V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
20C 138V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
-20C 120V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
-10C 120V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
0C 120V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
10C 120V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
30C 120V	a	5180	Ant2	5180	0	0	25	Pass
40C 120V	a	5180	Ant2	5180	0	0	25	Pass
50C 120V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
20C 102V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 120V	a	5200	Ant2	5200	0	0	25	Pass
20C 138V	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
-20C 120V	a	5200	Ant2	5200	0	0	25	Pass
-10C 120V	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0C 120V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
10C 120V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
30C 120V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
40C 120V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
50C 120V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 102V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
20C 120V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 138V	a	5240	Ant2	5240	0	0	25	Pass
-20C 120V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
-10C 120V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
0C 120V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
10C 120V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
30C 120V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
40C 120V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
50C 120V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 102V	AC20MIMO	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	AC20MIMO	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	AC20MIMO	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	AC20MIMO	5180	Ant1	5180	0	0	25	Pass
-10C 120V	AC20MIMO	5180	Ant1	5179.98	-20000	-3.86	25	Pass

0C 120V	AC20MIMO	5180	Ant1	5180	0	0	25	Pass
10C 120V	AC20MIMO	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	AC20MIMO	5180	Ant1	5180	0	0	25	Pass
40C 120V	AC20MIMO	5180	Ant1	5180	0	0	25	Pass
50C 120V	AC20MIMO	5180	Ant1	5180	0	0	25	Pass
20C 102V	AC20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 120V	AC20MIMO	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	AC20MIMO	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-20C 120V	AC20MIMO	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-10C 120V	AC20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 120V	AC20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
10C 120V	AC20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	AC20MIMO	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40C 120V	AC20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
50C 120V	AC20MIMO	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-20C 120V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 120V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	AC20MIMO	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	AC20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	AC40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	AC40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	AC40MIMO	5190	Ant1	5190	0	0	25	Pass
-20C 120V	AC40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 120V	AC40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	AC40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	AC40MIMO	5190	Ant1	5190	0	0	25	Pass
30C 120V	AC40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 120V	AC40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	AC40MIMO	5190	Ant1	5190	0	0	25	Pass
20C 102V	AC40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass

20C 120V	AC40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 138V	AC40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	AC40MIMO	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-10C 120V	AC40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	AC40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 120V	AC40MIMO	5230	Ant1	5230	0	0	25	Pass
30C 120V	AC40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	AC40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
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20C 138V	AC80MIMO	5210	Ant1	5209.92	-80000	-15.36	25	Pass
-20C 120V	AC80MIMO	5210	Ant1	5210	0	0	25	Pass
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10C 120V	AC80MIMO	5210	Ant1	5210	0	0	25	Pass
30C 120V	AC80MIMO	5210	Ant1	5210	0	0	25	Pass
40C 120V	AC80MIMO	5210	Ant1	5210	0	0	25	Pass
50C 120V	AC80MIMO	5210	Ant1	5210	0	0	25	Pass
20C 102V	N20MIMO	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	N20MIMO	5180	Ant1	5179.92	-80000	-15.44	25	Pass
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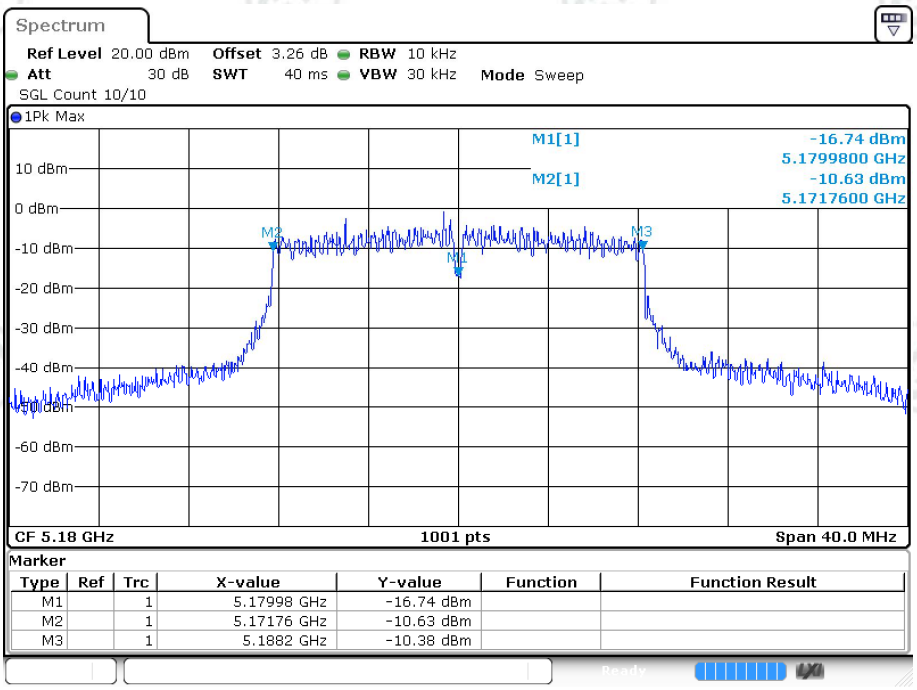
-20C 120V	N20MIMO	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-10C 120V	N20MIMO	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 120V	N20MIMO	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10C 120V	N20MIMO	5180	Ant1	5179.94	-60000	-11.58	25	Pass
30C 120V	N20MIMO	5180	Ant1	5179.92	-80000	-15.44	25	Pass
40C 120V	N20MIMO	5180	Ant1	5179.94	-60000	-11.58	25	Pass
50C 120V	N20MIMO	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 102V	N20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 120V	N20MIMO	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	N20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-20C 120V	N20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 120V	N20MIMO	5200	Ant1	5199.96	-40000	-7.69	25	Pass

0C 120V	N20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
10C 120V	N20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	N20MIMO	5200	Ant1	5200	0	0	25	Pass
40C 120V	N20MIMO	5200	Ant1	5199.98	-20000	-3.85	25	Pass
50C 120V	N20MIMO	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	N20MIMO	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	N20MIMO	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 138V	N20MIMO	5240	Ant1	5240	0	0	25	Pass
-20C 120V	N20MIMO	5240	Ant1	5240	0	0	25	Pass
-10C 120V	N20MIMO	5240	Ant1	5240	0	0	25	Pass
0C 120V	N20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	N20MIMO	5240	Ant1	5239.94	-60000	-11.45	25	Pass
30C 120V	N20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	N20MIMO	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	N20MIMO	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	N40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	N40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	N40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 120V	N40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 120V	N40MIMO	5190	Ant1	5190	0	0	25	Pass
0C 120V	N40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	N40MIMO	5190	Ant1	5189.88	-120000	-23.12	25	Pass
30C 120V	N40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 120V	N40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	N40MIMO	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	N40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	N40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 138V	N40MIMO	5230	Ant1	5230	0	0	25	Pass
-20C 120V	N40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-10C 120V	N40MIMO	5230	Ant1	5230	0	0	25	Pass
0C 120V	N40MIMO	5230	Ant1	5230	0	0	25	Pass
10C 120V	N40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 120V	N40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	N40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 120V	N40MIMO	5230	Ant1	5229.96	-40000	-7.65	25	Pass

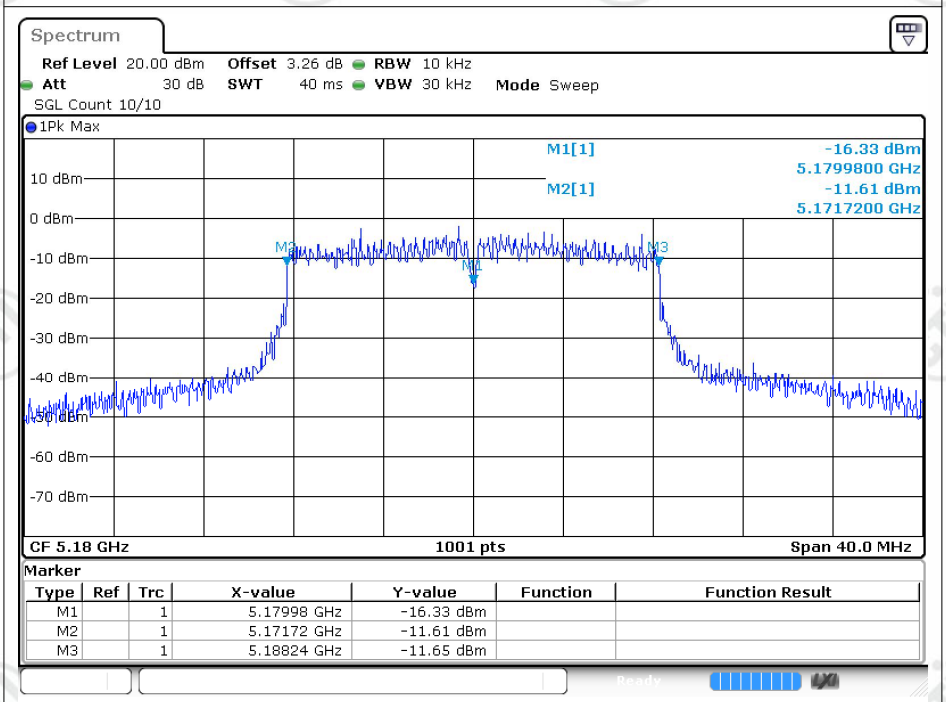
Test Graphs

Freq. Stability 20C 102V a 5180MHz Ant1



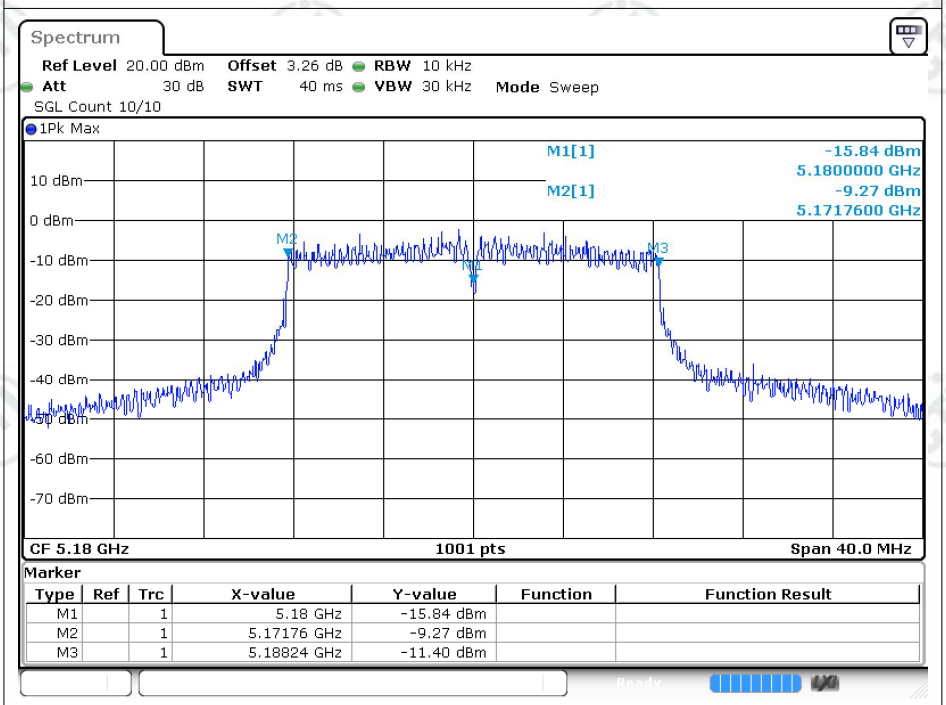
Date: 15.APR.2025 04:51:51

Freq. Stability 20C 120V a 5180MHz Ant1



Date: 15.APR.2025 04:52:12

Freq. Stability 20C 138V a 5180MHz Ant1

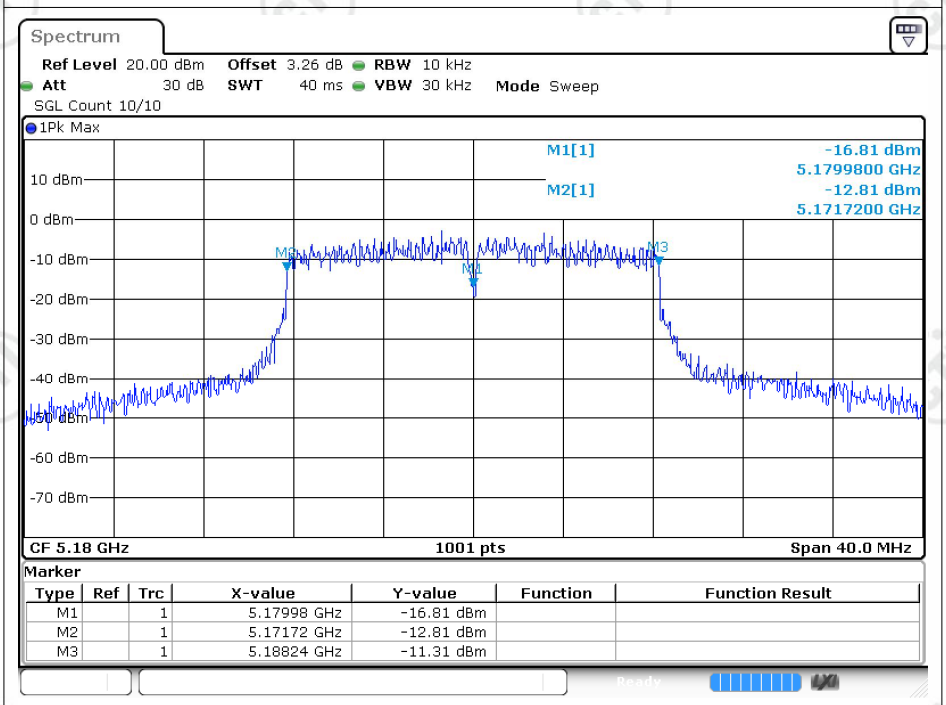


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18 GHz	-15.84 dBm		
M2		1	5.17176 GHz	-9.27 dBm		
M3		1	5.18824 GHz	-11.40 dBm		

Date: 15.APR.2025 04:51:57

Freq. Stability -20C 120V a 5180MHz Ant1

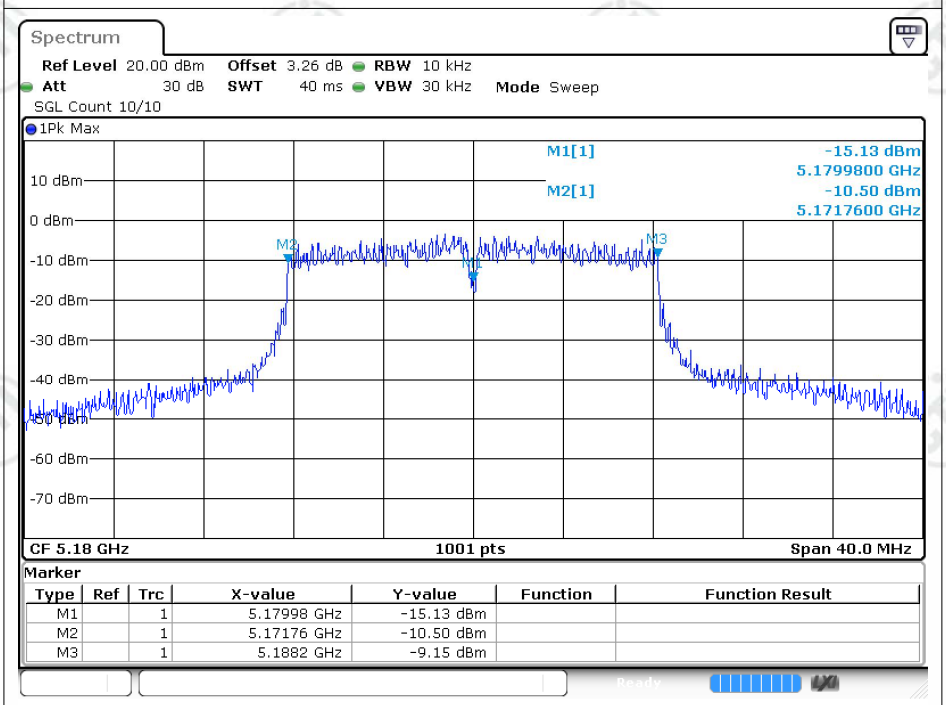


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.17998 GHz	-16.81 dBm		
M2		1	5.17172 GHz	-12.81 dBm		
M3		1	5.18824 GHz	-11.31 dBm		

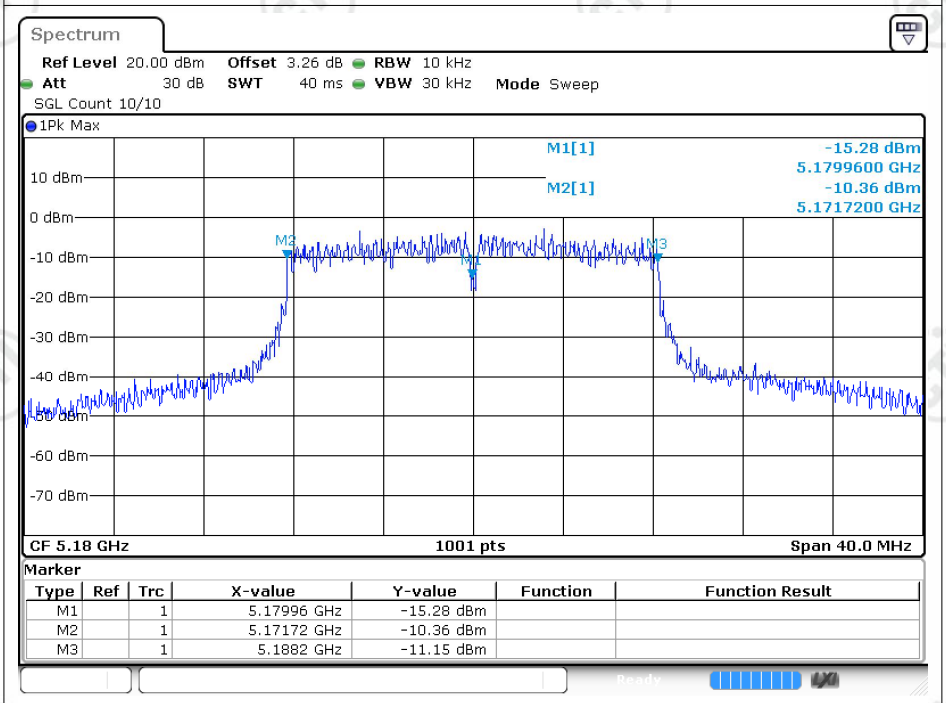
Date: 15.APR.2025 04:52:00

Freq. Stability -10C 120V a 5180MHz Ant1



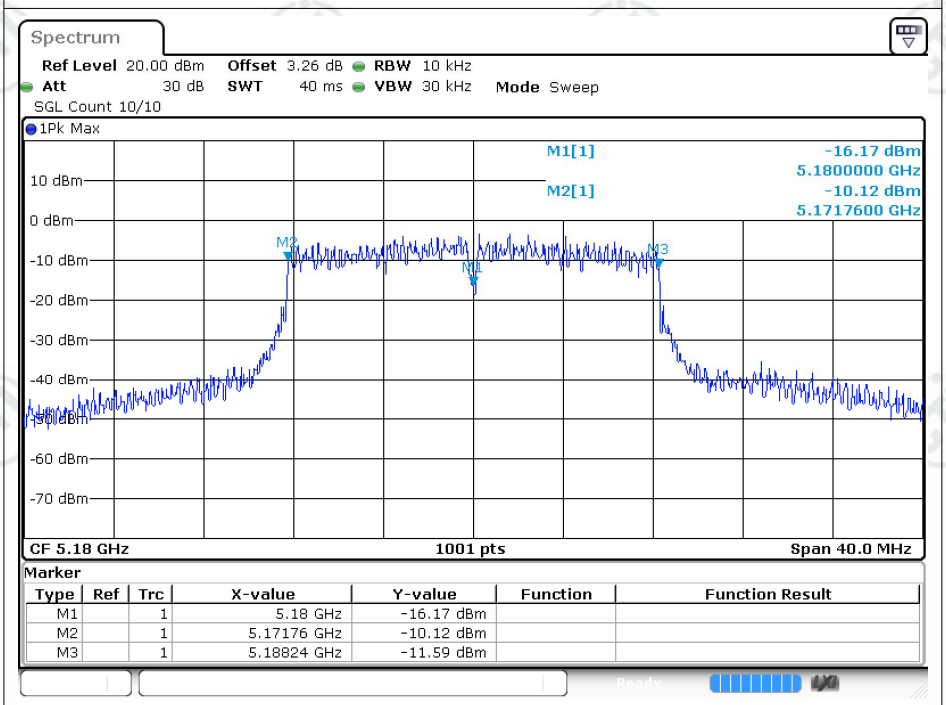
Date: 15.APR.2025 04:52:03

Freq. Stability 0C 120V a 5180MHz Ant1



Date: 15.APR.2025 04:52:06

Freq. Stability 10C 120V a 5180MHz Ant1

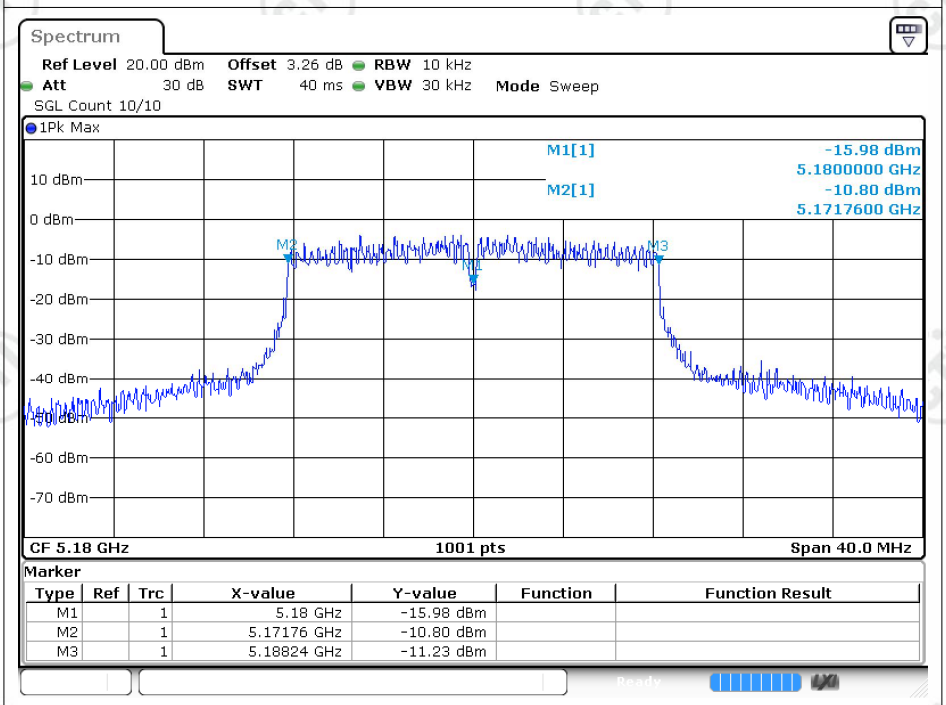


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18 GHz	-16.17 dBm		
M2		1	5.17176 GHz	-10.12 dBm		
M3		1	5.18824 GHz	-11.59 dBm		

Date: 15.APR.2025 04:52:09

Freq. Stability 30C 120V a 5180MHz Ant1

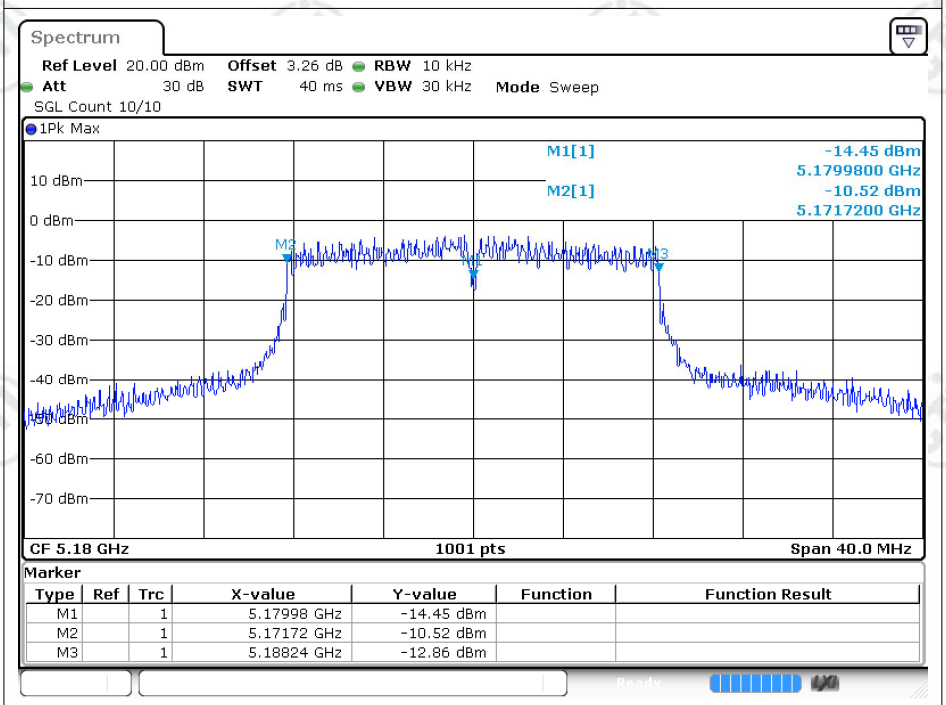


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18 GHz	-15.98 dBm		
M2		1	5.17176 GHz	-10.80 dBm		
M3		1	5.18824 GHz	-11.23 dBm		

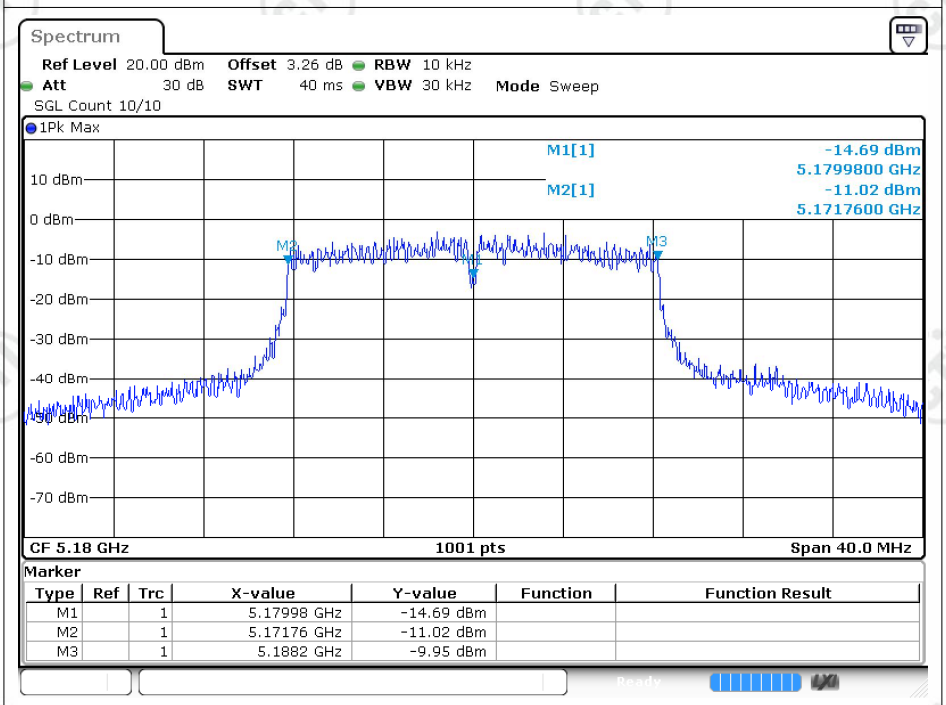
Date: 15.APR.2025 04:52:15

Freq. Stability 40C 120V a 5180MHz Ant1



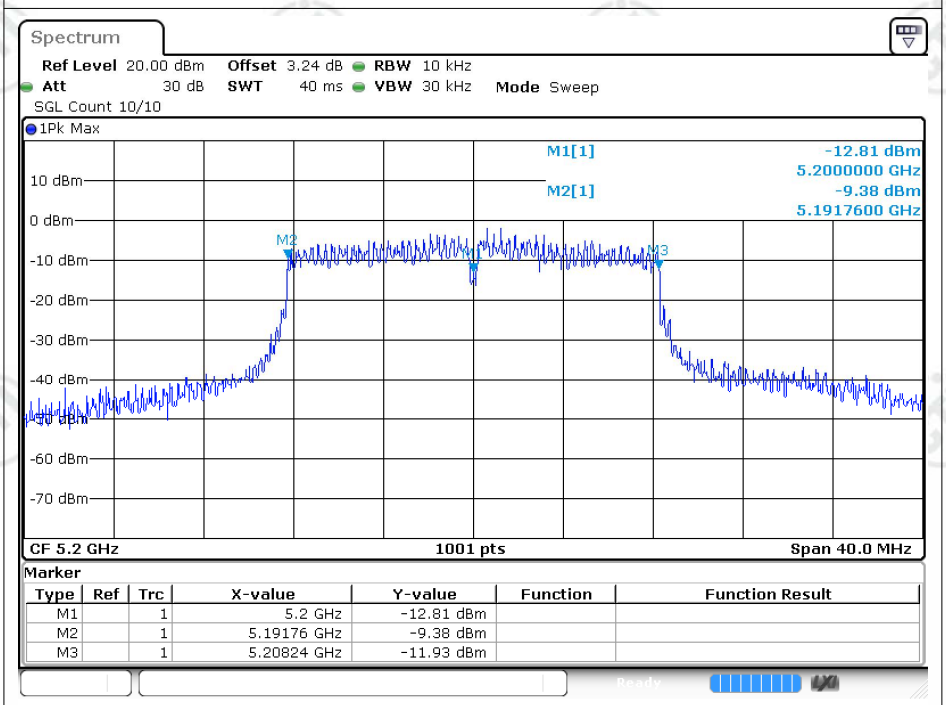
Date: 15.APR.2025 04:52:18

Freq. Stability 50C 120V a 5180MHz Ant1



Date: 15.APR.2025 04:52:21

Freq. Stability 20C 102V a 5200MHz Ant1

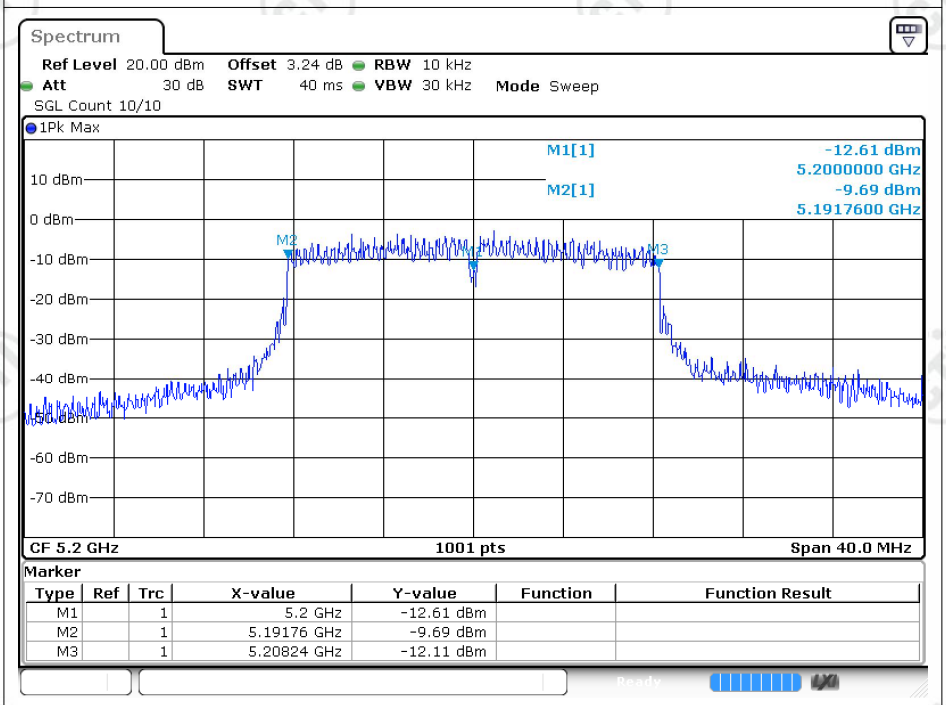


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2 GHz	-12.81 dBm		
M2		1	5.19176 GHz	-9.38 dBm		
M3		1	5.20824 GHz	-11.93 dBm		

Date: 15.APR.2025 04:53:52

Freq. Stability 20C 120V a 5200MHz Ant1

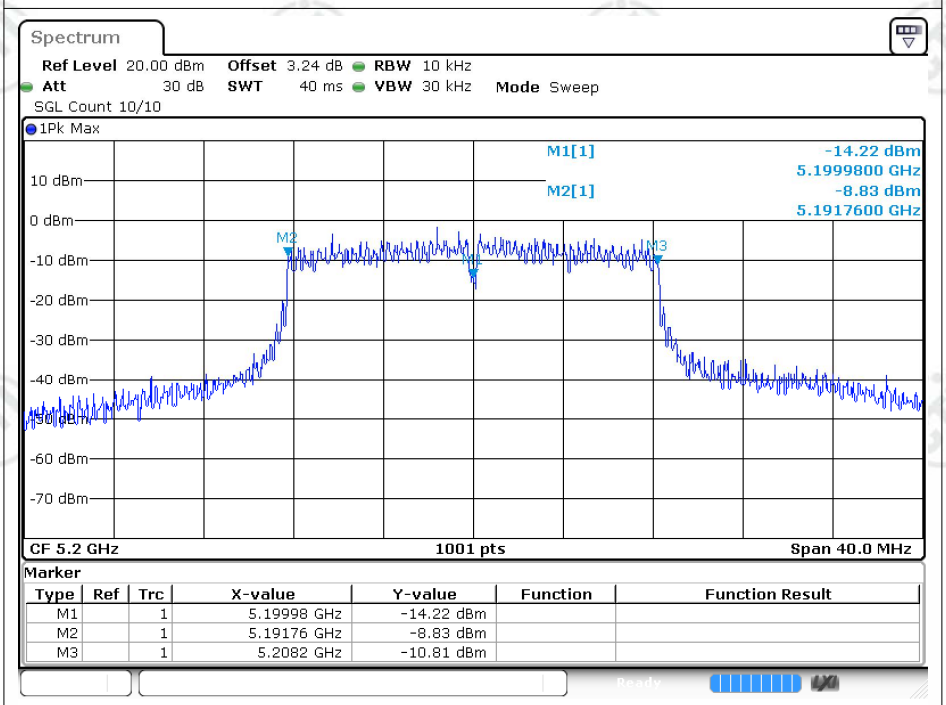


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2 GHz	-12.61 dBm		
M2		1	5.19176 GHz	-9.69 dBm		
M3		1	5.20824 GHz	-12.11 dBm		

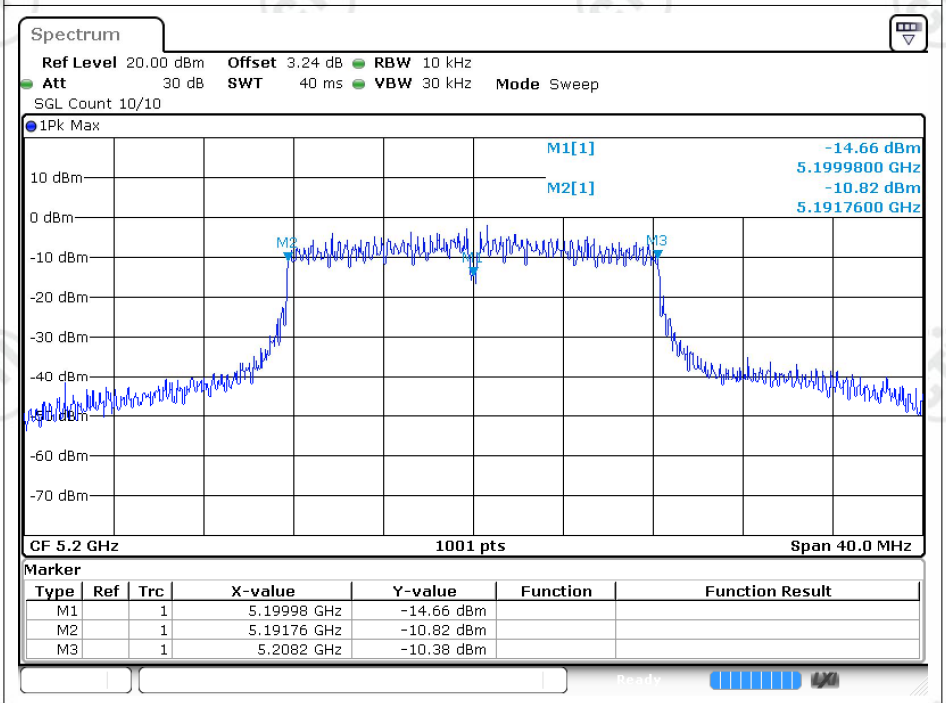
Date: 15.APR.2025 04:54:13

Freq. Stability 20C 138V a 5200MHz Ant1



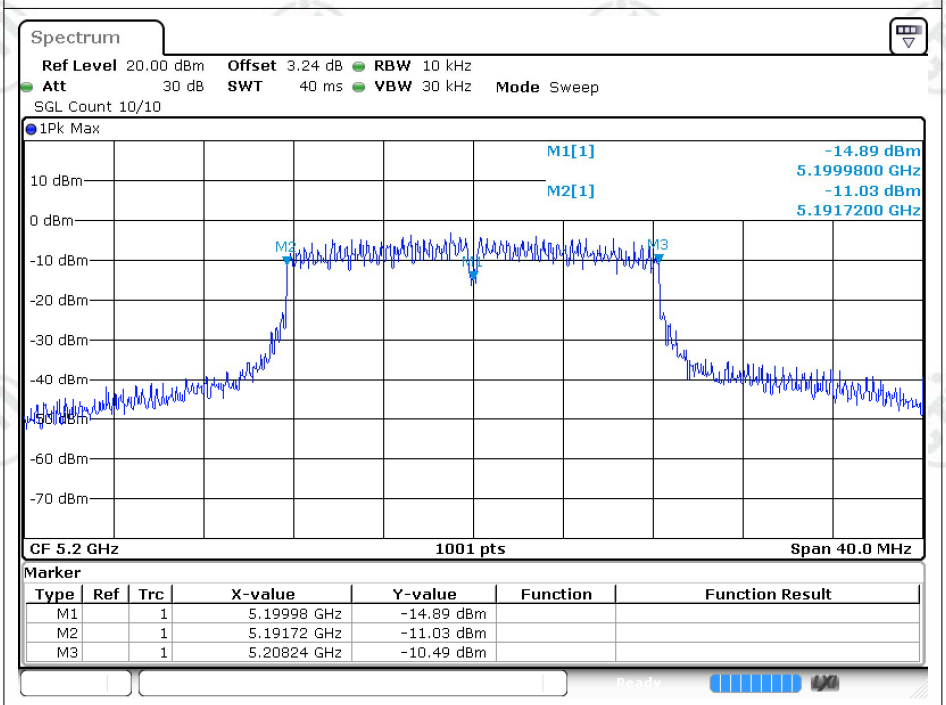
Date: 15.APR.2025 04:53:58

Freq. Stability -20C 120V a 5200MHz Ant1



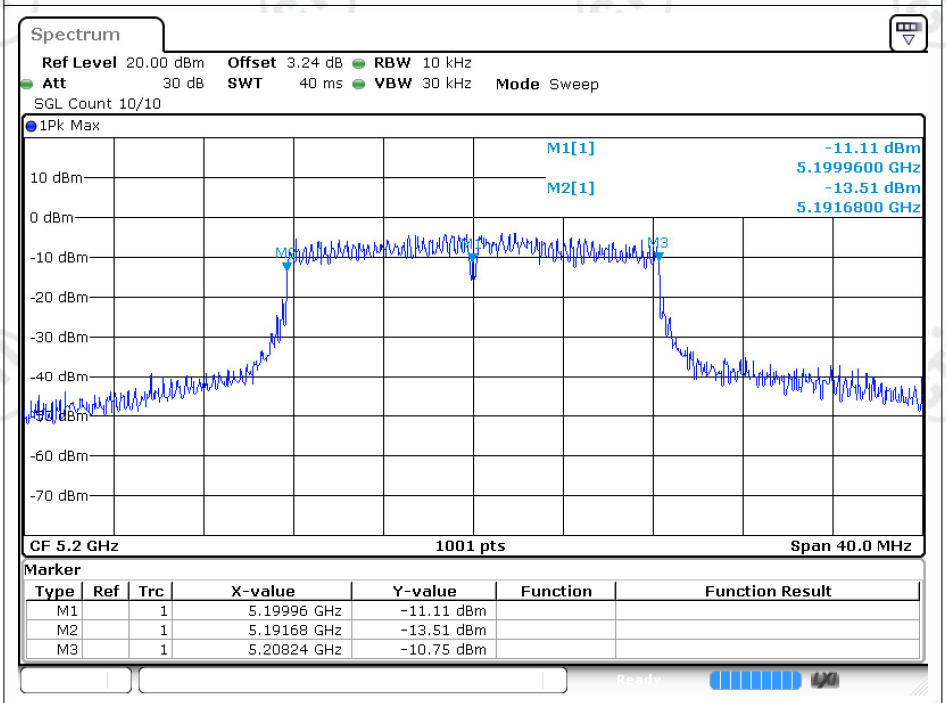
Date: 15.APR.2025 04:54:01

Freq. Stability -10C 120V a 5200MHz Ant1



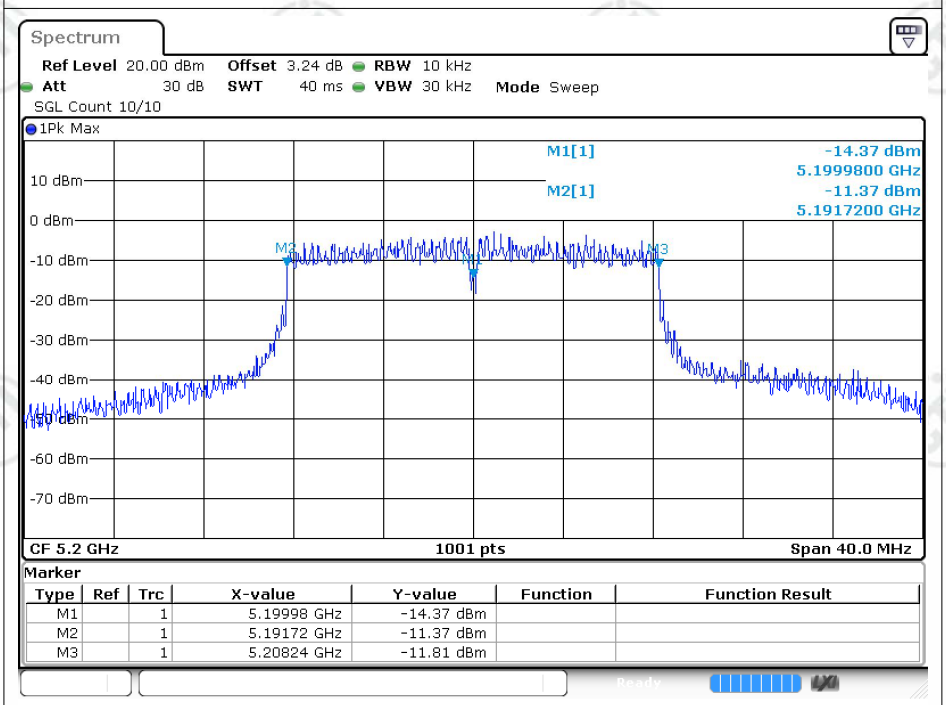
Date: 15.APR.2025 04:54:04

Freq. Stability 0C 120V a 5200MHz Ant1



Date: 15.APR.2025 04:54:07

Freq. Stability 10C 120V a 5200MHz Ant1

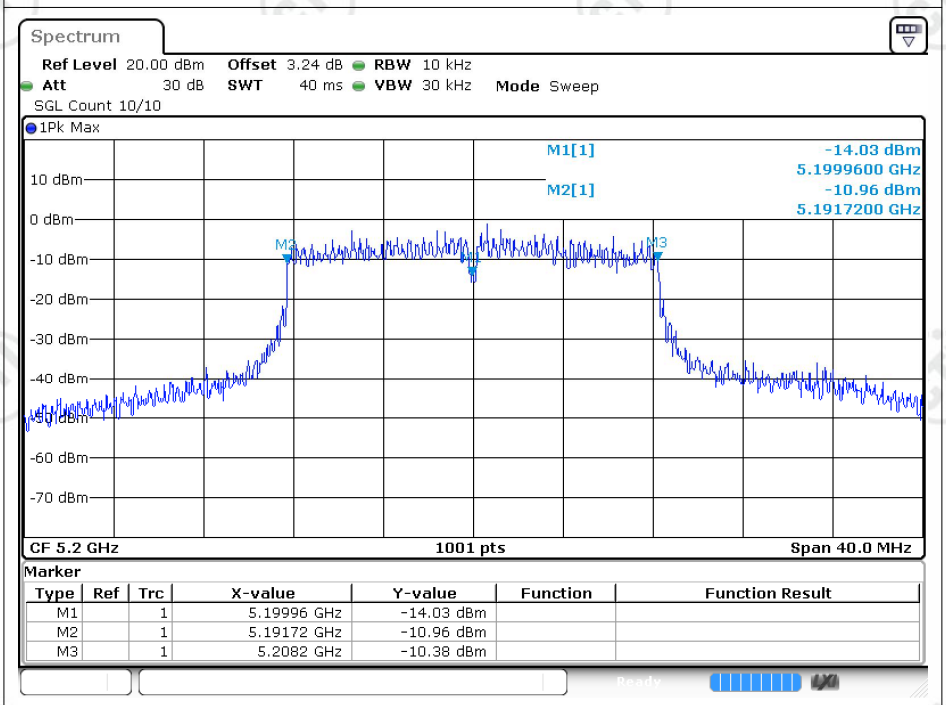


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.19998 GHz	-14.37 dBm		
M2		1	5.19172 GHz	-11.37 dBm		
M3		1	5.20824 GHz	-11.81 dBm		

Date: 15.APR.2025 04:54:10

Freq. Stability 30C 120V a 5200MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.19996 GHz	-14.03 dBm		
M2		1	5.19172 GHz	-10.96 dBm		
M3		1	5.2082 GHz	-10.38 dBm		

Date: 15.APR.2025 04:54:16