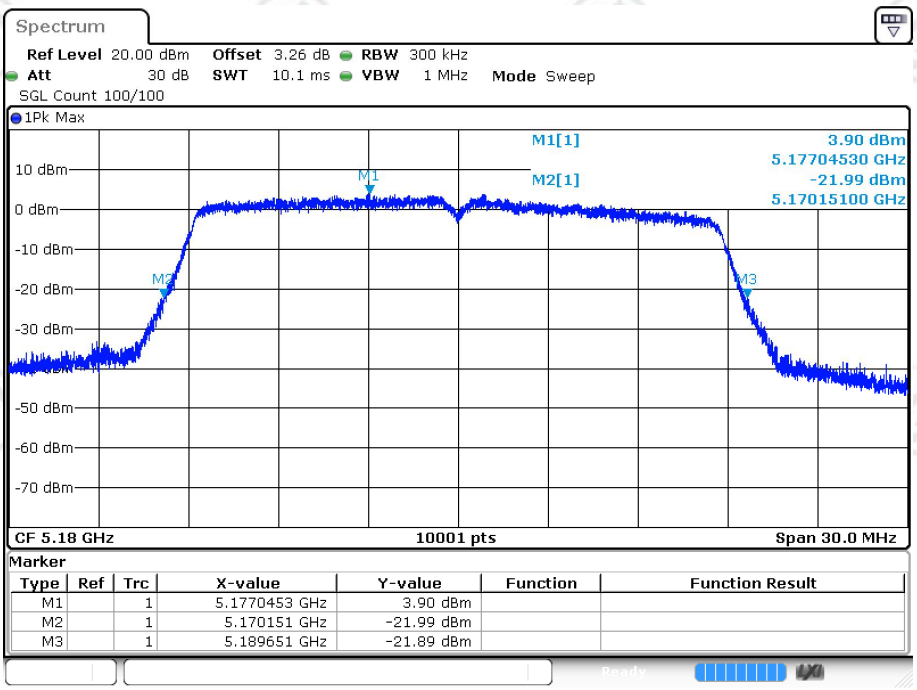
-26dB Bandwidth NVNT N20MIMO 5180MHz Ant1

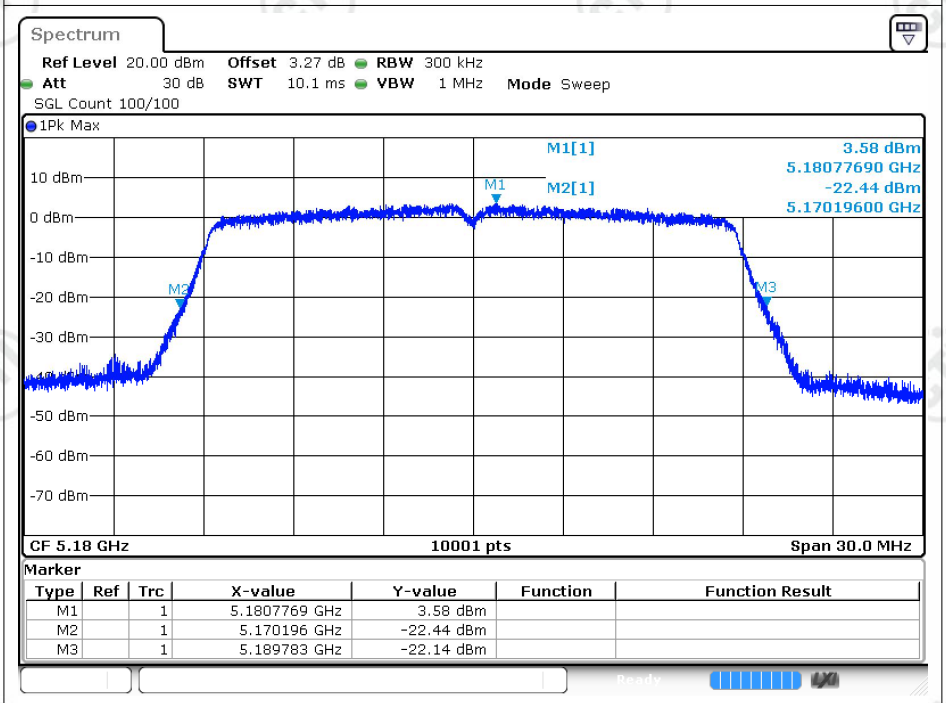


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1770453 GHz	3.90 dBm		
M2		1	5.170151 GHz	-21.99 dBm		
M3		1	5.189651 GHz	-21.89 dBm		

Date: 11.APR.2025 04:44:48

-26dB Bandwidth NVNT N20MIMO 5180MHz Ant2

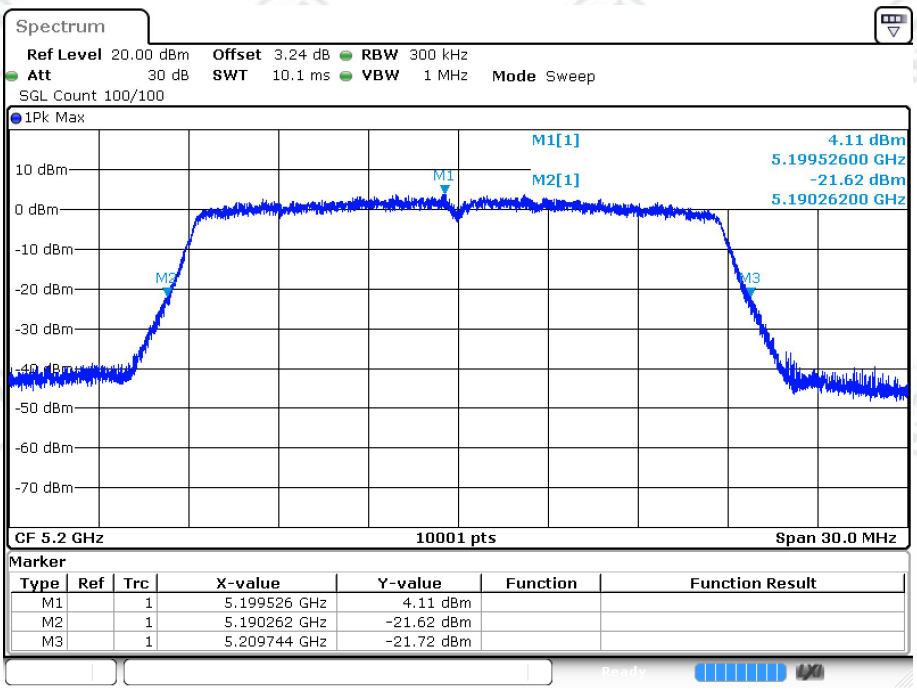


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1807769 GHz	3.58 dBm		
M2		1	5.170196 GHz	-22.44 dBm		
M3		1	5.189783 GHz	-22.14 dBm		

Date: 11.APR.2025 04:44:53

-26dB Bandwidth NVNT N20MIMO 5200MHz Ant1

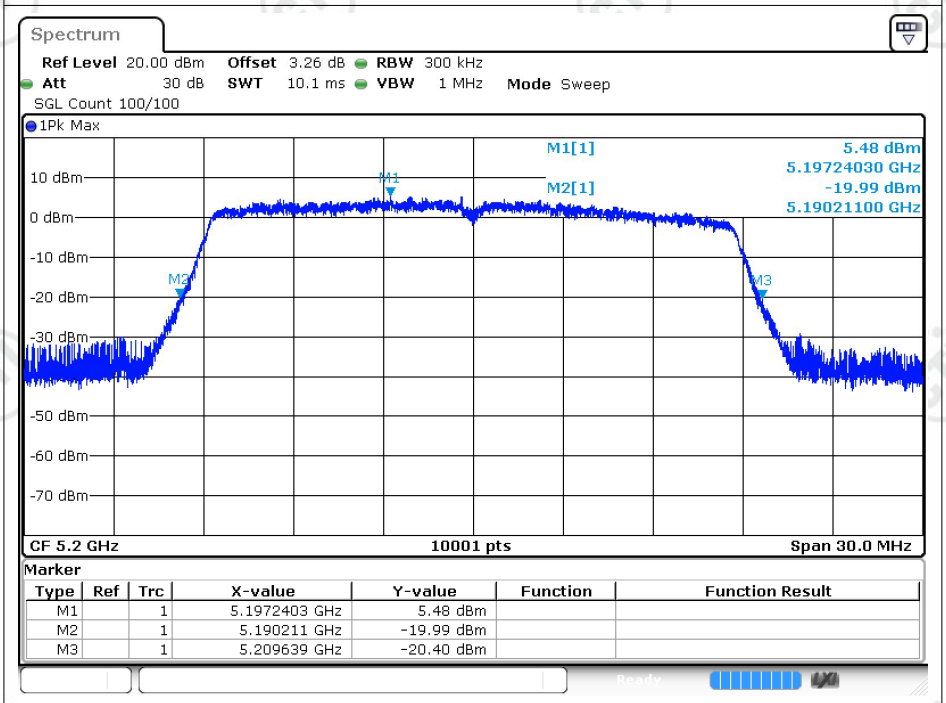


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.199526 GHz	4.11 dBm		
M2		1	5.190262 GHz	-21.62 dBm		
M3		1	5.209744 GHz	-21.72 dBm		

Date: 11.APR.2025 04:49:24

-26dB Bandwidth NVNT N20MIMO 5200MHz Ant2

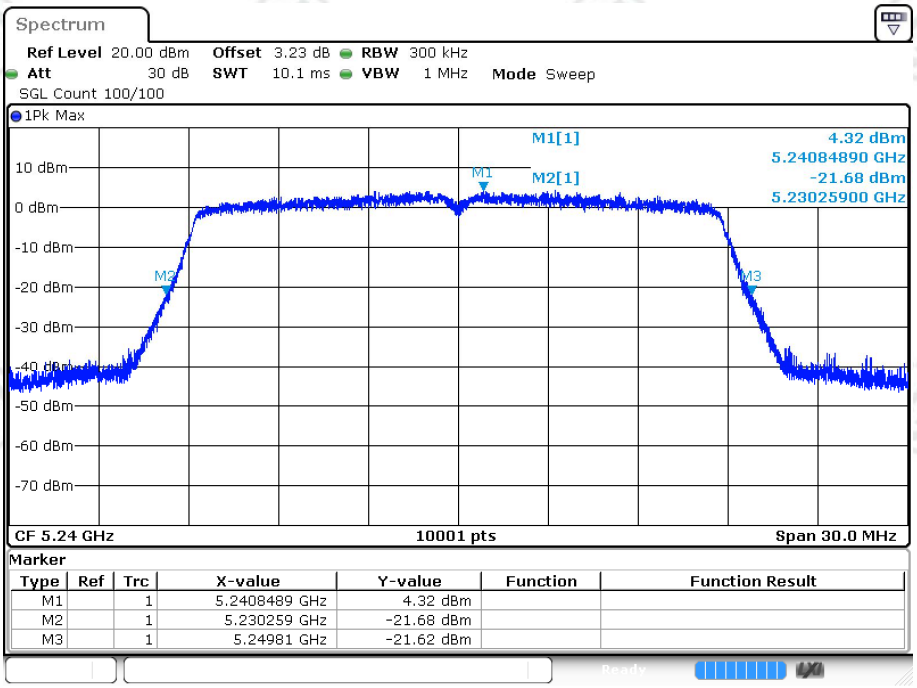


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1972403 GHz	5.48 dBm		
M2		1	5.190211 GHz	-19.99 dBm		
M3		1	5.209639 GHz	-20.40 dBm		

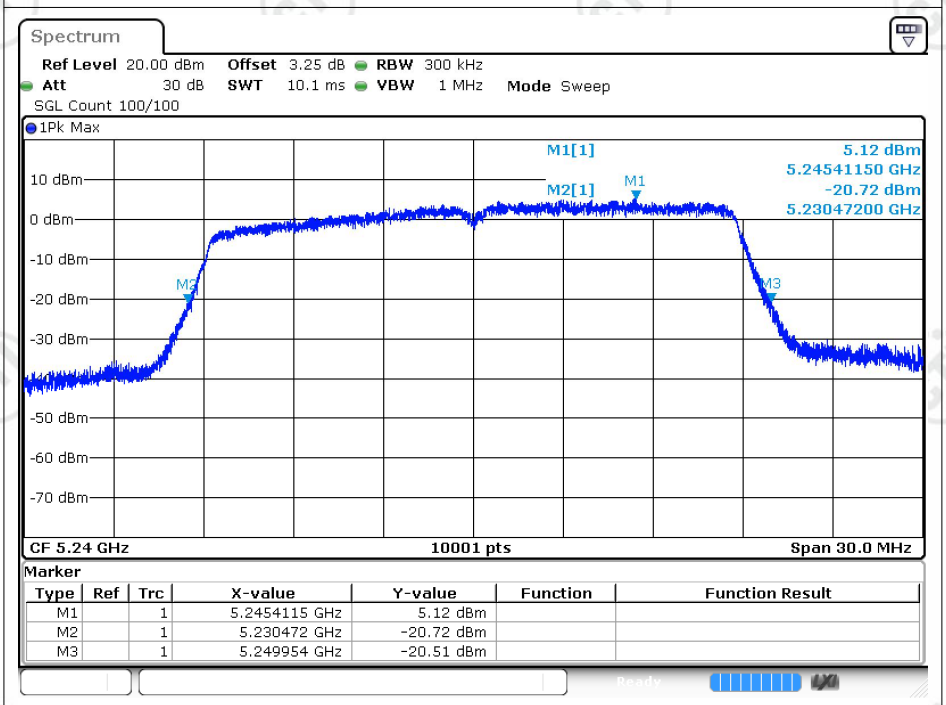
Date: 11.APR.2025 04:49:28

-26dB Bandwidth NVNT N20MIMO 5240MHz Ant1



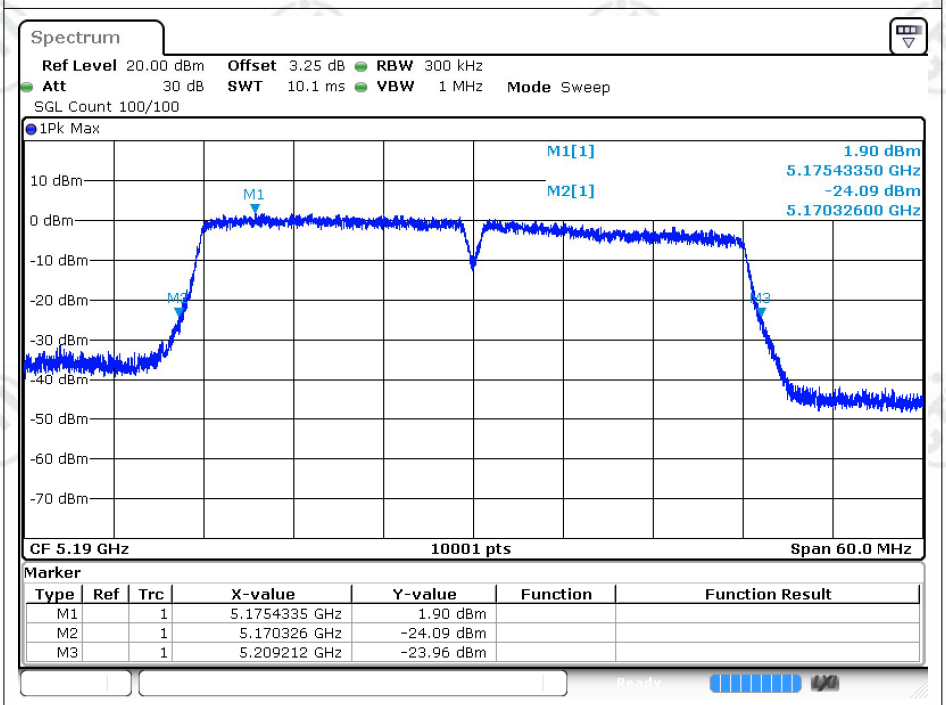
Date: 11.APR.2025 04:50:57

-26dB Bandwidth NVNT N20MIMO 5240MHz Ant2



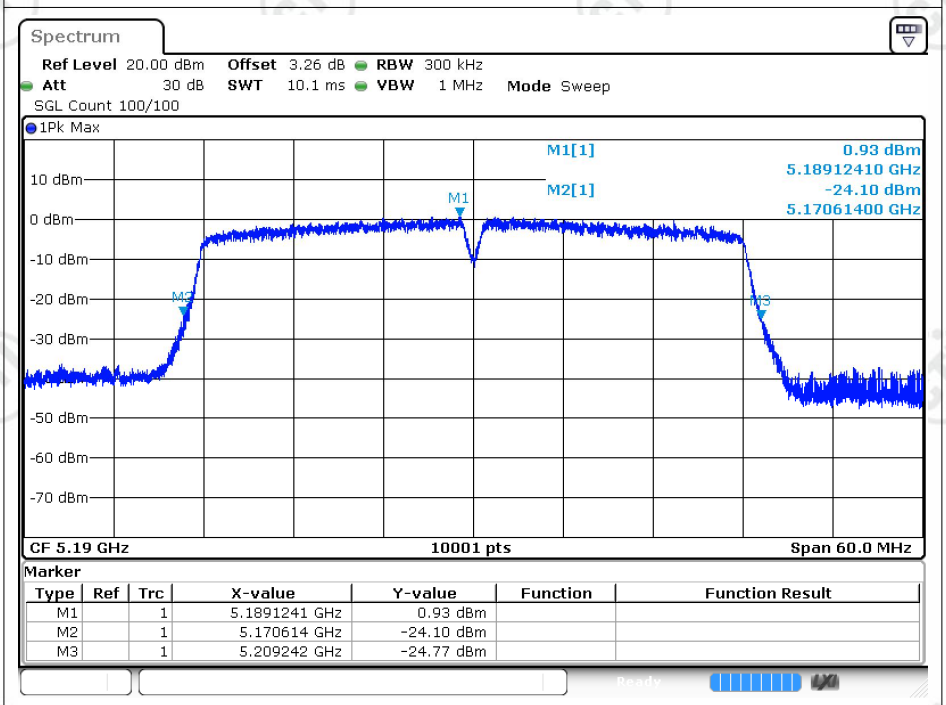
Date: 11.APR.2025 04:51:02

-26dB Bandwidth NVNT N40MIMO 5190MHz Ant1



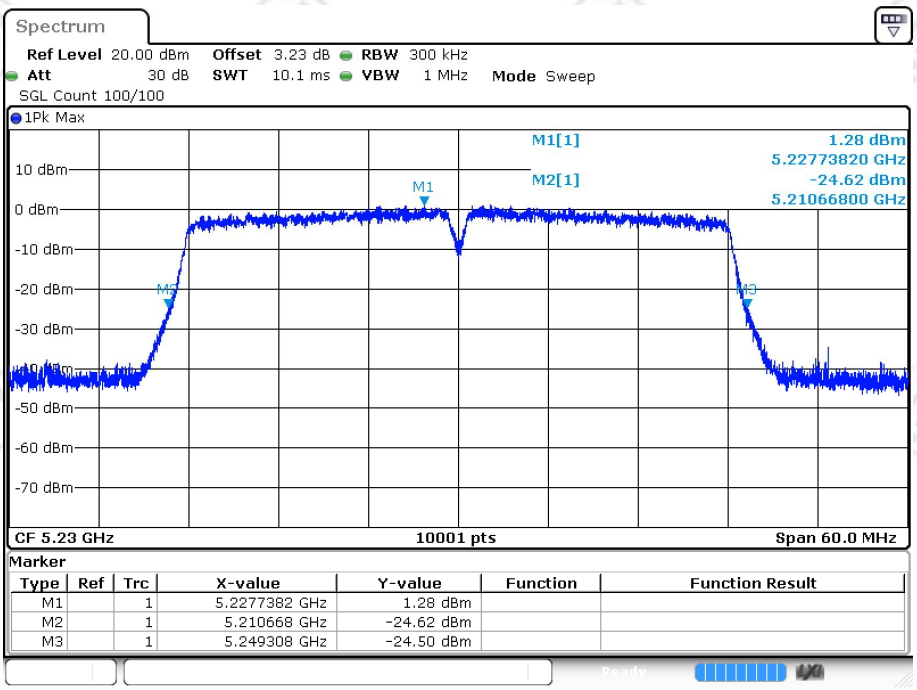
Date: 11.APR.2025 05:01:41

-26dB Bandwidth NVNT N40MIMO 5190MHz Ant2



Date: 11.APR.2025 05:01:46

-26dB Bandwidth NVNT N40MIMO 5230MHz Ant1

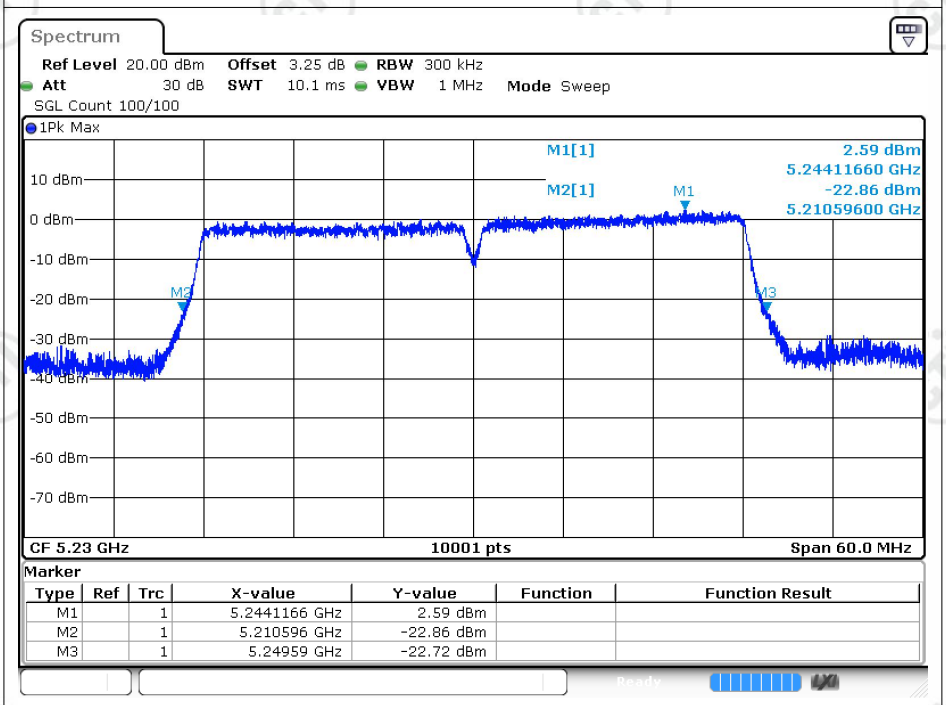


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2277382 GHz	1.28 dBm		
M2		1	5.210668 GHz	-24.62 dBm		
M3		1	5.249308 GHz	-24.50 dBm		

Date: 11.APR.2025 05:04:47

-26dB Bandwidth NVNT N40MIMO 5230MHz Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2441166 GHz	2.59 dBm		
M2		1	5.210596 GHz	-22.86 dBm		
M3		1	5.24959 GHz	-22.72 dBm		

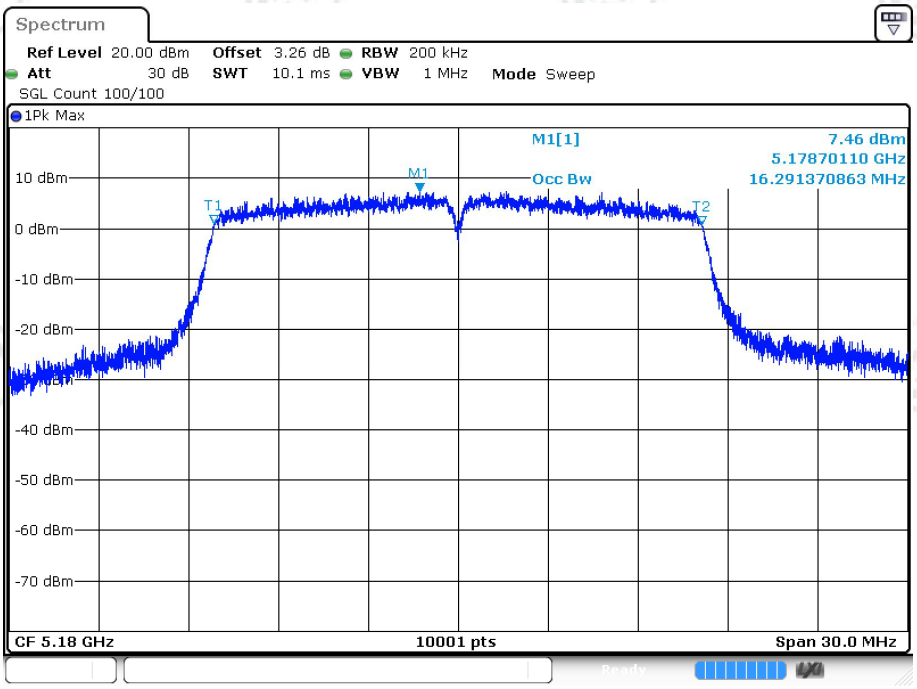
Date: 11.APR.2025 05:04:51

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.291
NVNT	a	5200	Ant1	16.291
NVNT	a	5240	Ant1	16.285
NVNT	a	5180	Ant2	16.258
NVNT	a	5200	Ant2	16.288
NVNT	a	5240	Ant2	16.294
NVNT	AC20MIMO	5180	Ant1	17.449
NVNT	AC20MIMO	5180	Ant2	17.41
NVNT	AC20MIMO	5200	Ant1	17.449
NVNT	AC20MIMO	5200	Ant2	17.398
NVNT	AC20MIMO	5240	Ant1	17.449
NVNT	AC20MIMO	5240	Ant2	17.35
NVNT	AC40MIMO	5190	Ant1	35.846
NVNT	AC40MIMO	5190	Ant2	35.642
NVNT	AC40MIMO	5230	Ant1	35.948
NVNT	AC40MIMO	5230	Ant2	36.266
NVNT	AC80MIMO	5210	Ant1	74.825
NVNT	AC80MIMO	5210	Ant2	75.376
NVNT	N20MIMO	5180	Ant1	17.392
NVNT	N20MIMO	5180	Ant2	17.431
NVNT	N20MIMO	5200	Ant1	17.455
NVNT	N20MIMO	5200	Ant2	17.41
NVNT	N20MIMO	5240	Ant1	17.458
NVNT	N20MIMO	5240	Ant2	17.356
NVNT	N40MIMO	5190	Ant1	36.008
NVNT	N40MIMO	5190	Ant2	35.858
NVNT	N40MIMO	5230	Ant1	35.924
NVNT	N40MIMO	5230	Ant2	36.254

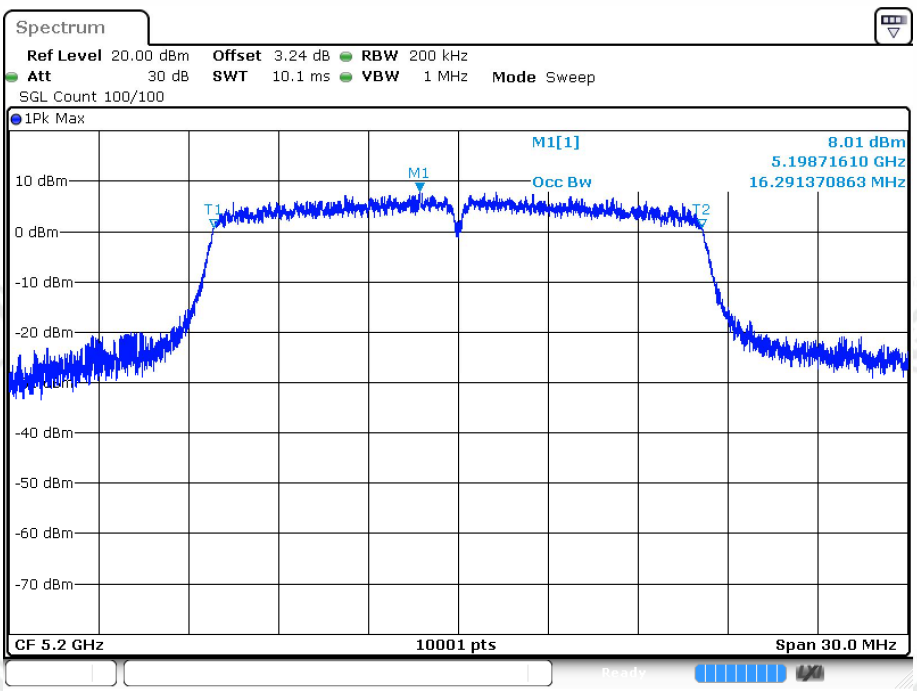
Test Graphs

OBW NVNT a 5180MHz Ant1



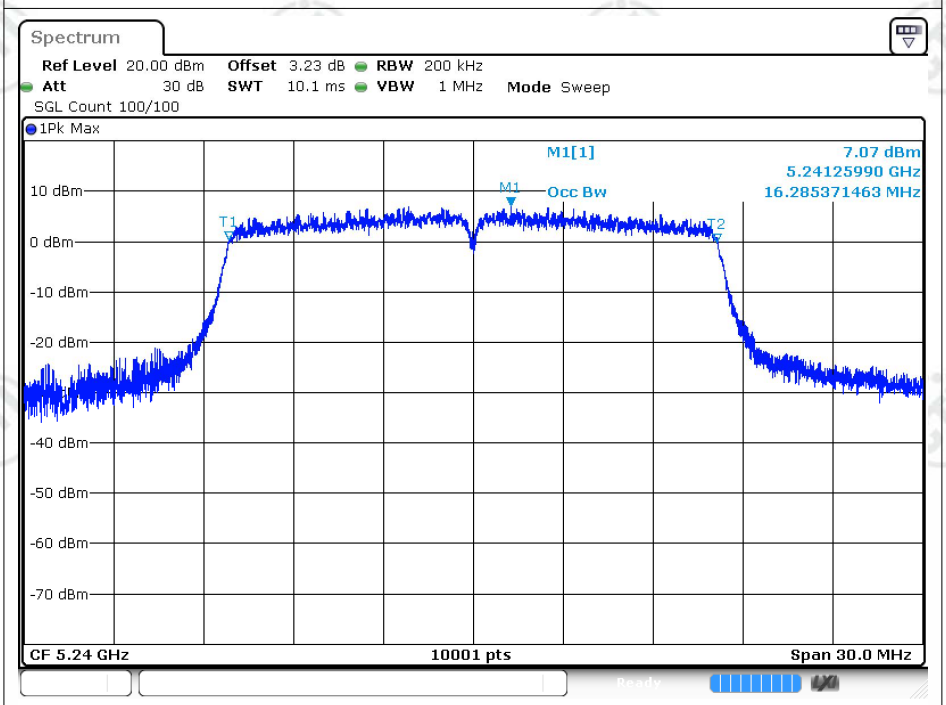
Date: 15.APR.2025 04:50:50

OBW NVNT a 5200MHz Ant1



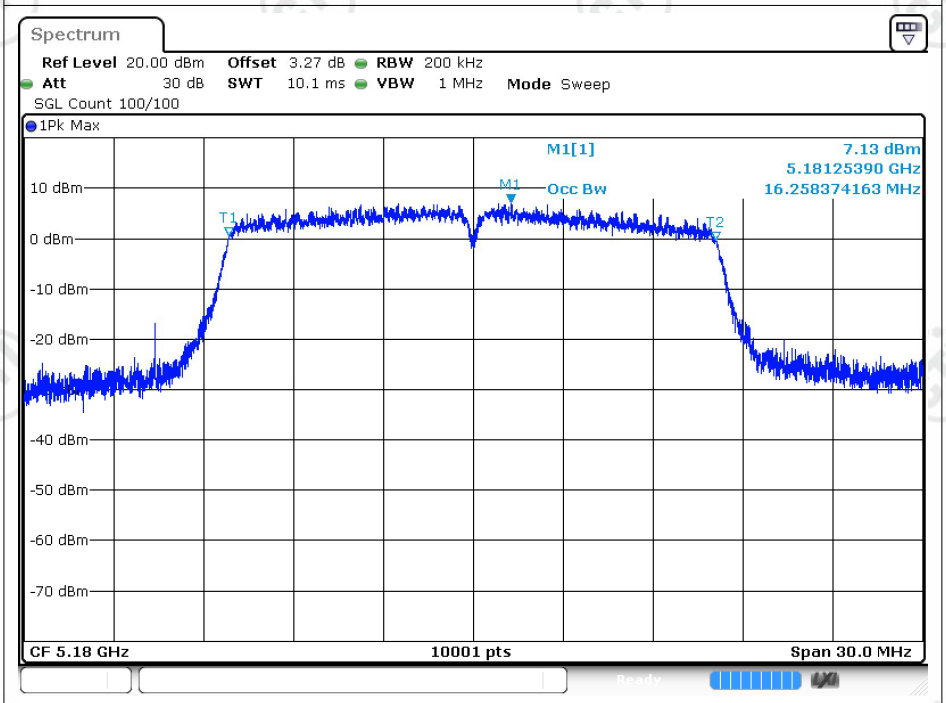
Date: 15.APR.2025 04:53:33

OBW NVNT a 5240MHz Ant1



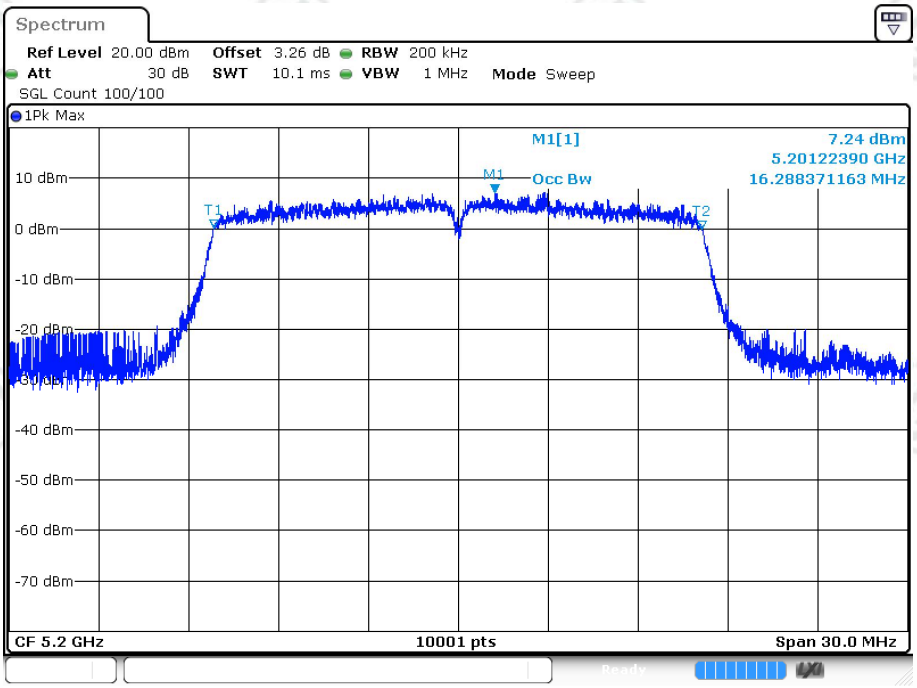
Date: 15.APR.2025 04:55:50

OBW NVNT a 5180MHz Ant2



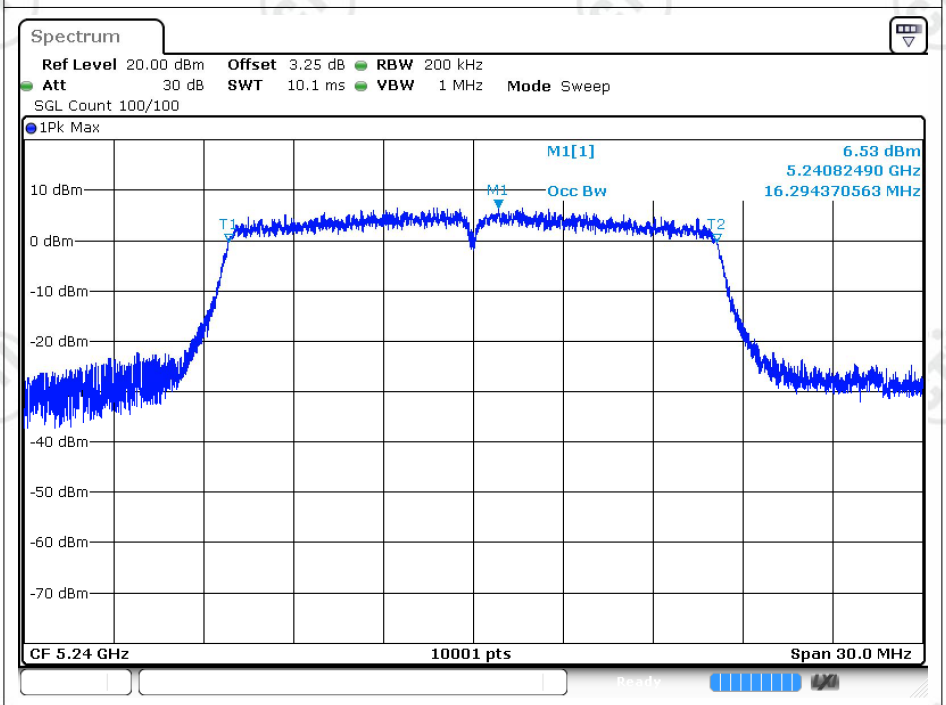
Date: 15.APR.2025 04:57:46

OBW NVNT a 5200MHz Ant2



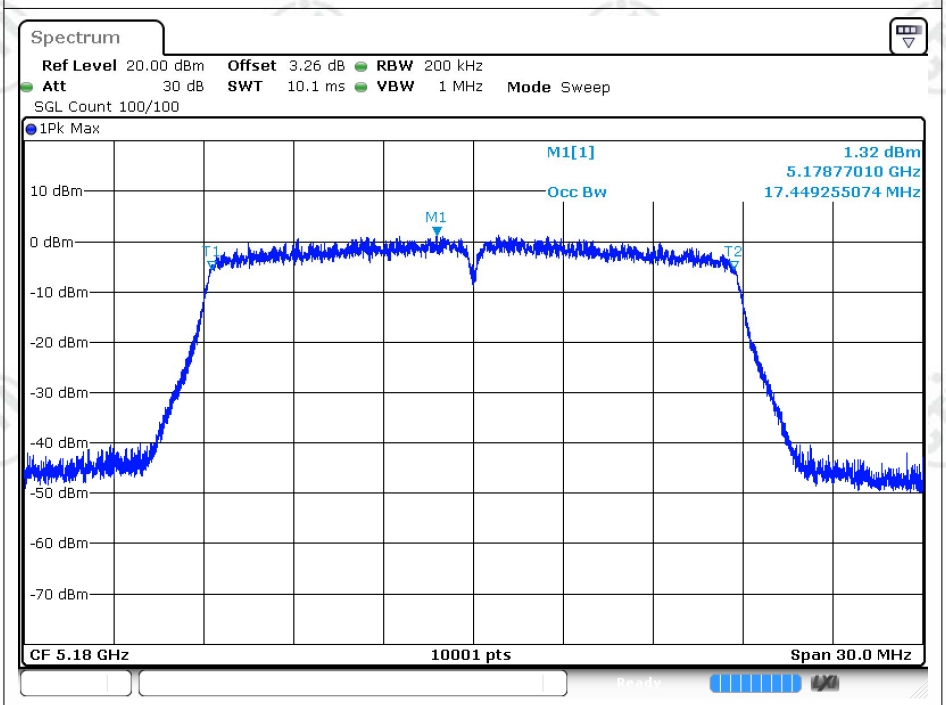
Date: 15.APR.2025 04:59:17

OBW NVNT a 5240MHz Ant2



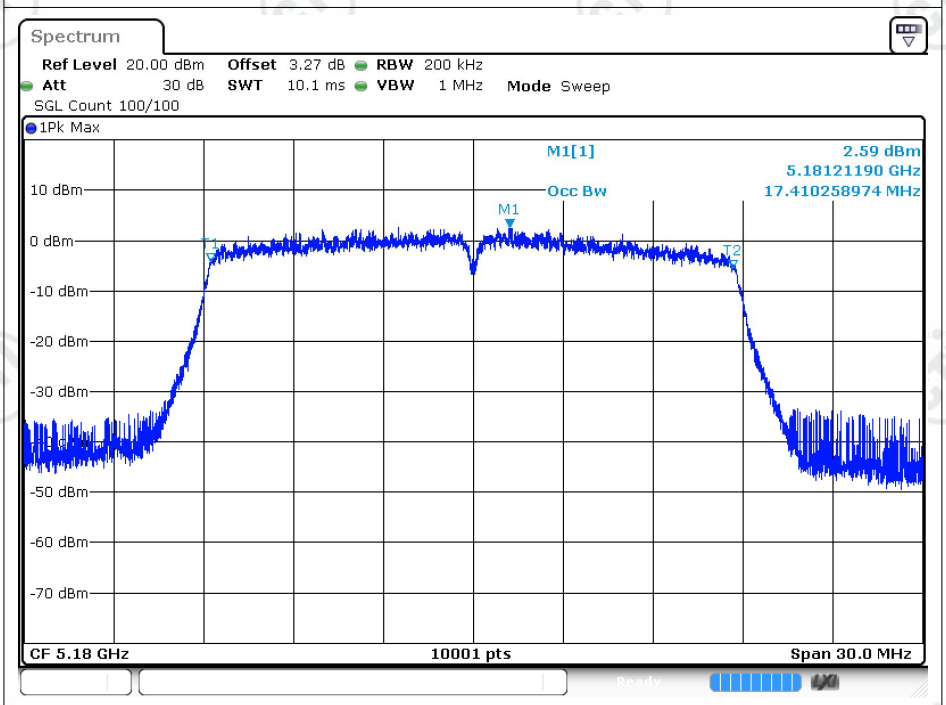
Date: 15.APR.2025 05:00:50

OBW NVNT AC20MIMO 5180MHz Ant1



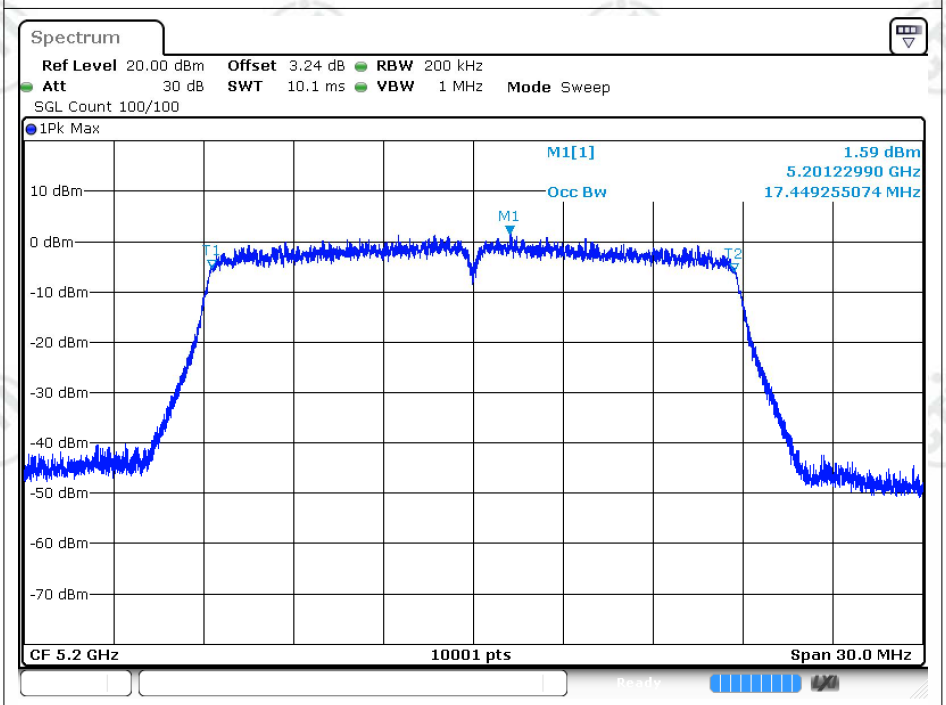
Date: 11.APR.2025 05:06:36

OBW NVNT AC20MIMO 5180MHz Ant2



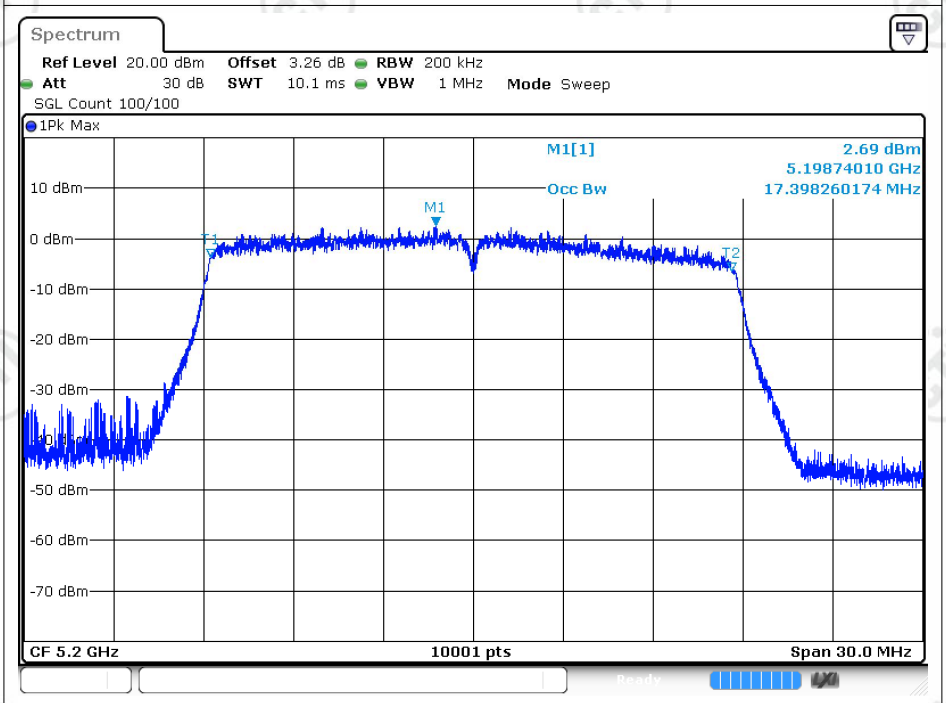
Date: 11.APR.2025 05:06:40

OBW NVNT AC20MIMO 5200MHz Ant1



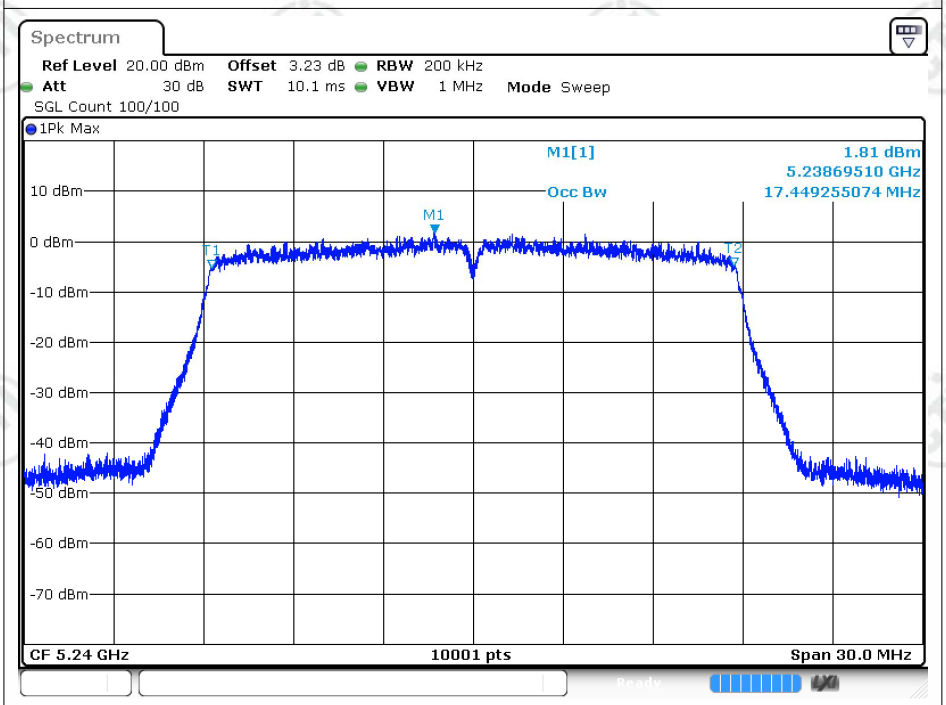
Date: 11.APR.2025 05:09:25

OBW NVNT AC20MIMO 5200MHz Ant2



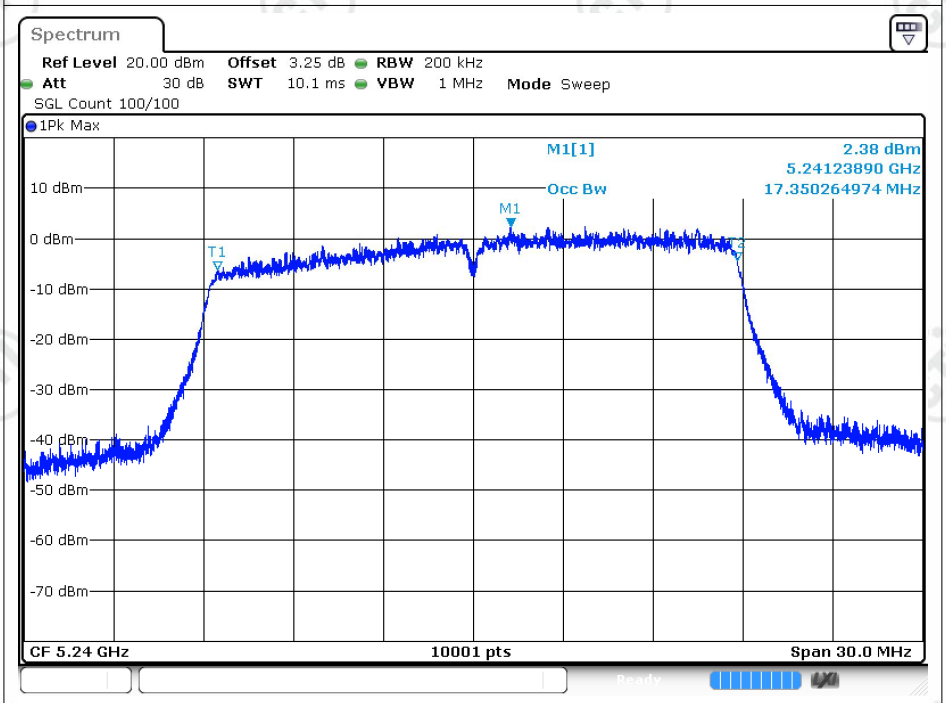
Date: 11.APR.2025 05:09:29

OBW NVNT AC20MIMO 5240MHz Ant1



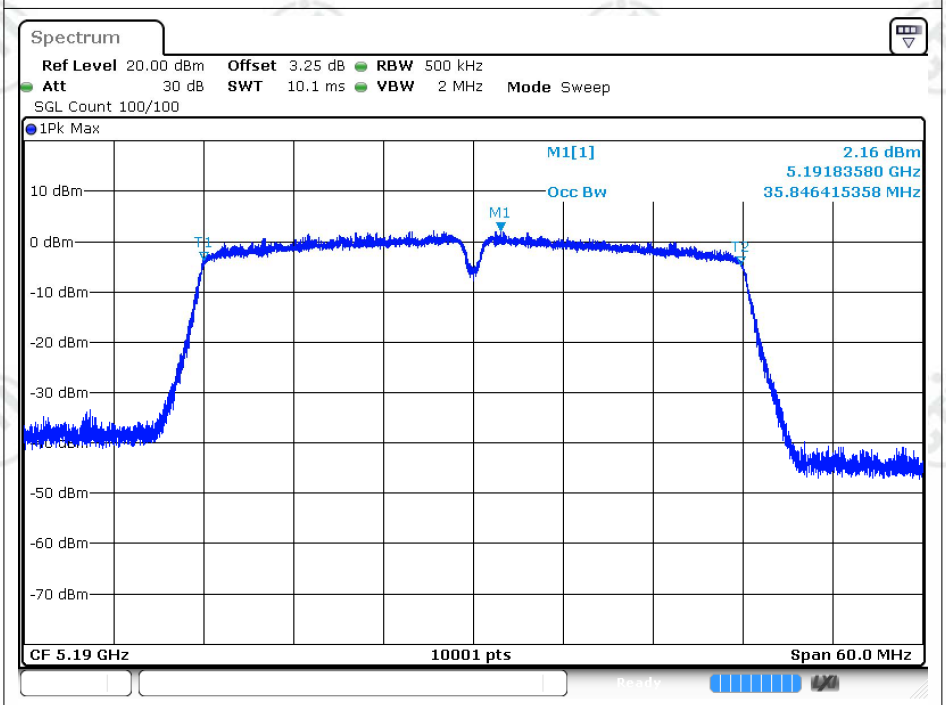
Date: 11.APR.2025 05:12:16

OBW NVNT AC20MIMO 5240MHz Ant2



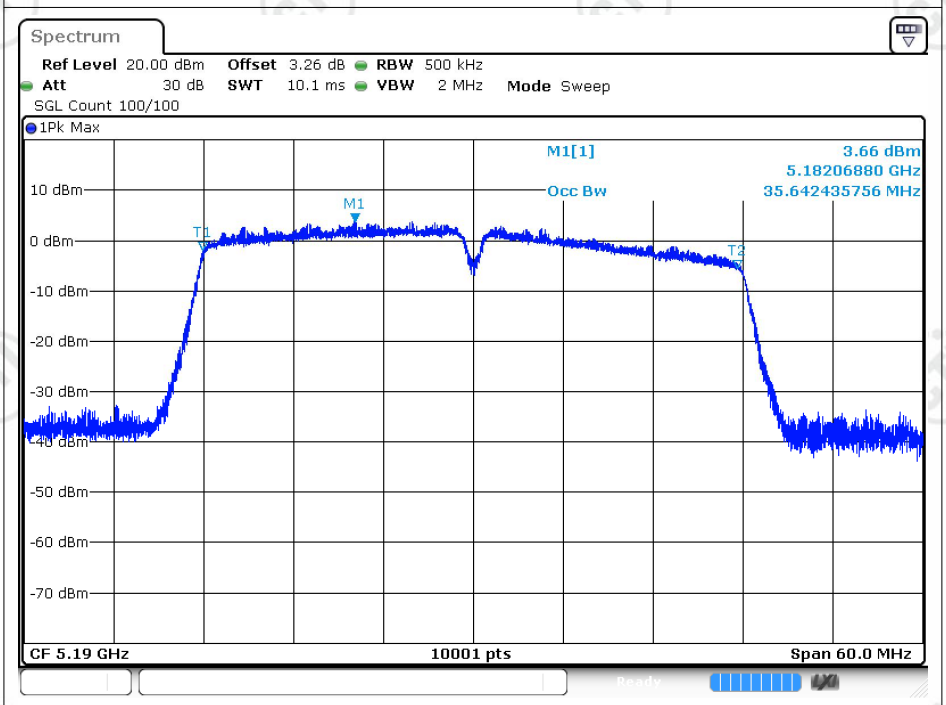
Date: 11.APR.2025 05:12:20

OBW NVNT AC40MIMO 5190MHz Ant1



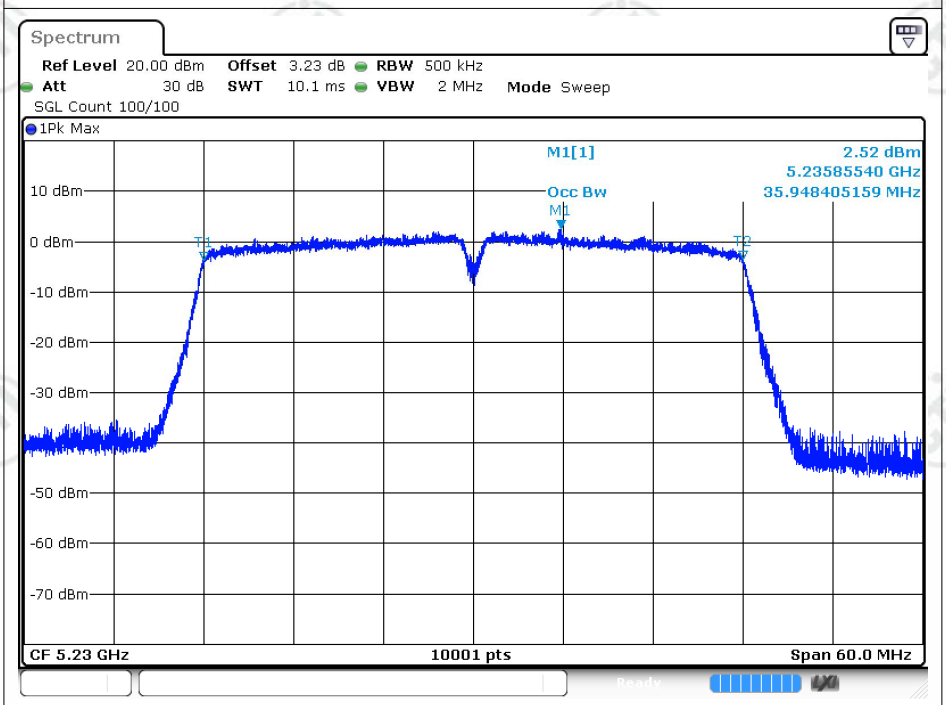
Date: 11.APR.2025 05:15:18

OBW NVNT AC40MIMO 5190MHz Ant2



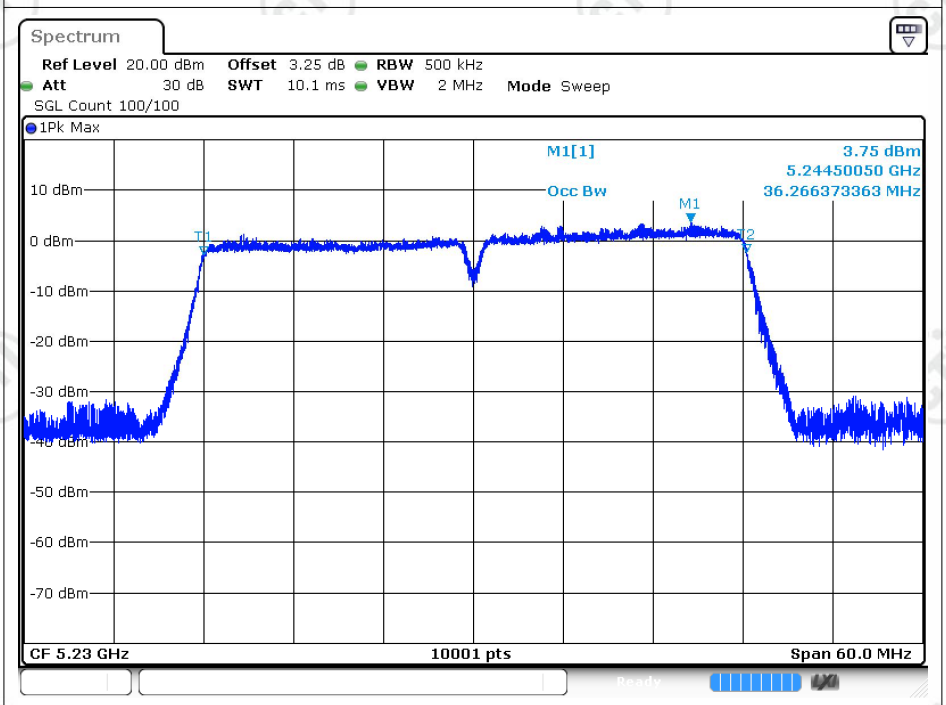
Date: 11.APR.2025 05:15:22

OBW NVNT AC40MIMO 5230MHz Ant1



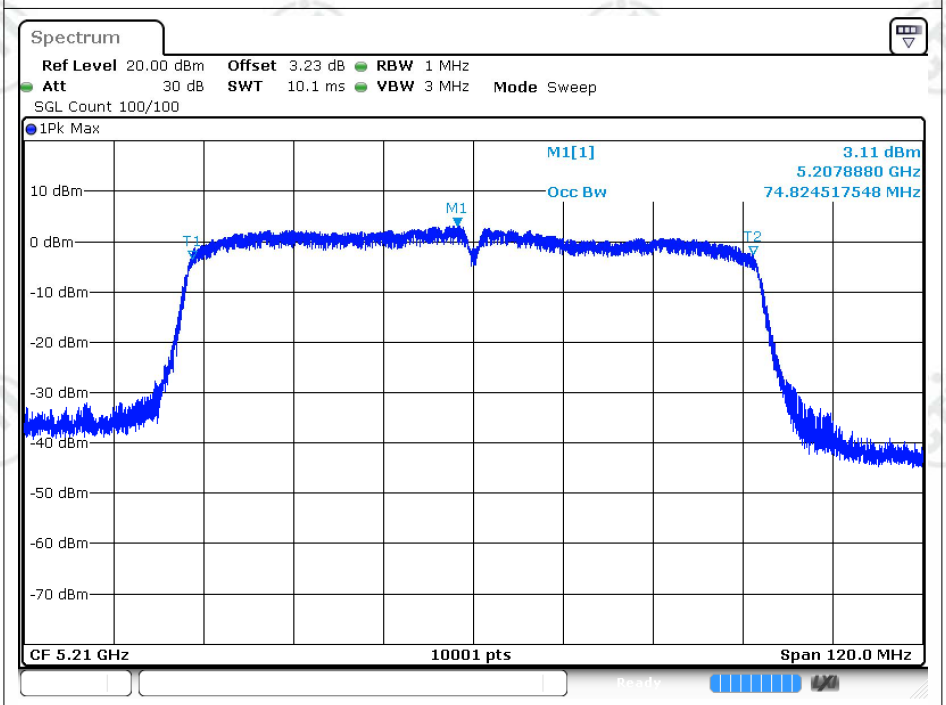
Date: 11.APR.2025 05:17:10

OBW NVNT AC40MIMO 5230MHz Ant2



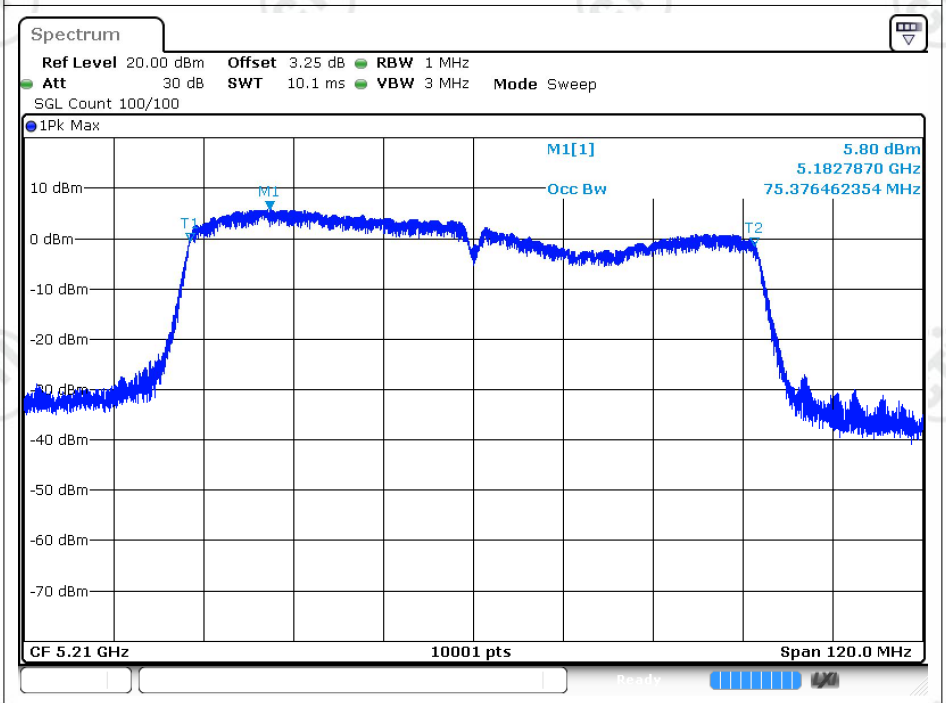
Date: 11.APR.2025 05:17:13

OBW NVNT AC80MIMO 5210MHz Ant1



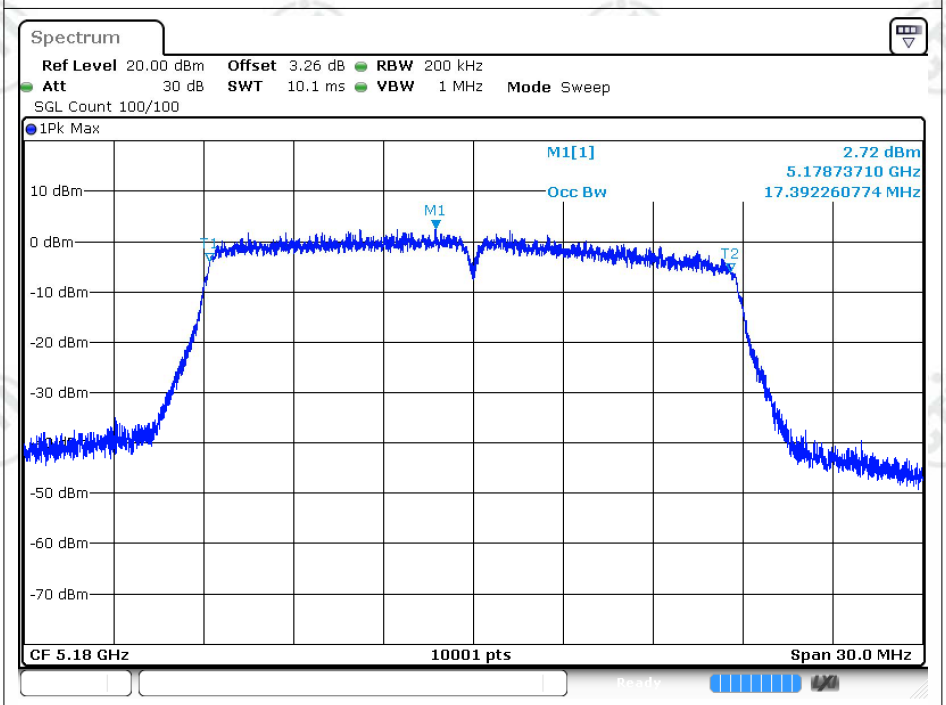
Date: 11.APR.2025 05:21:20

OBW NVNT AC80MIMO 5210MHz Ant2



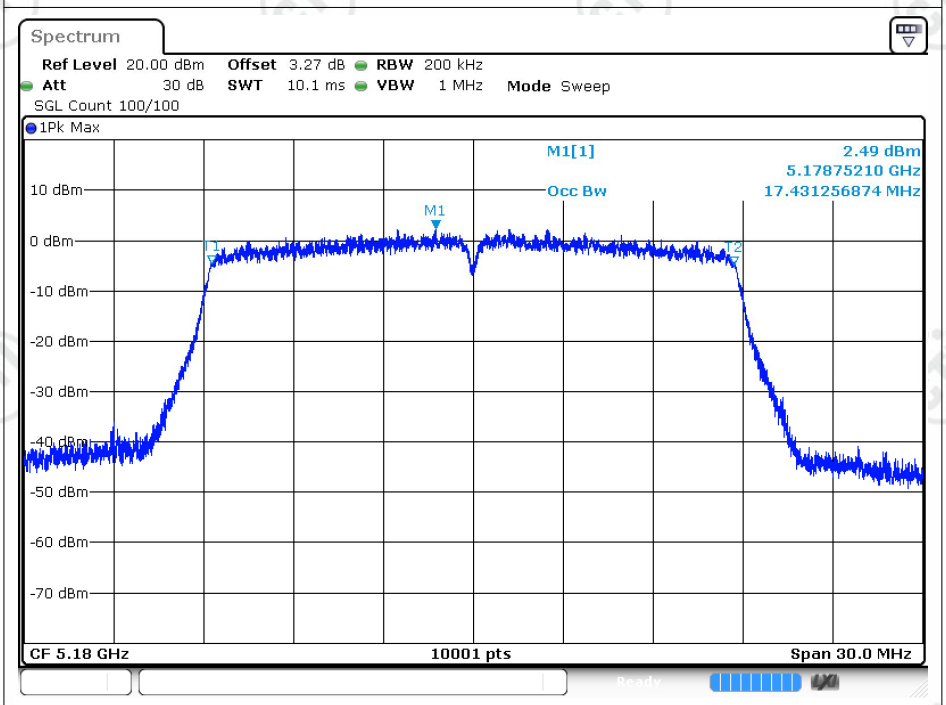
Date: 11.APR.2025 05:21:23

OBW NVNT N20MIMO 5180MHz Ant1



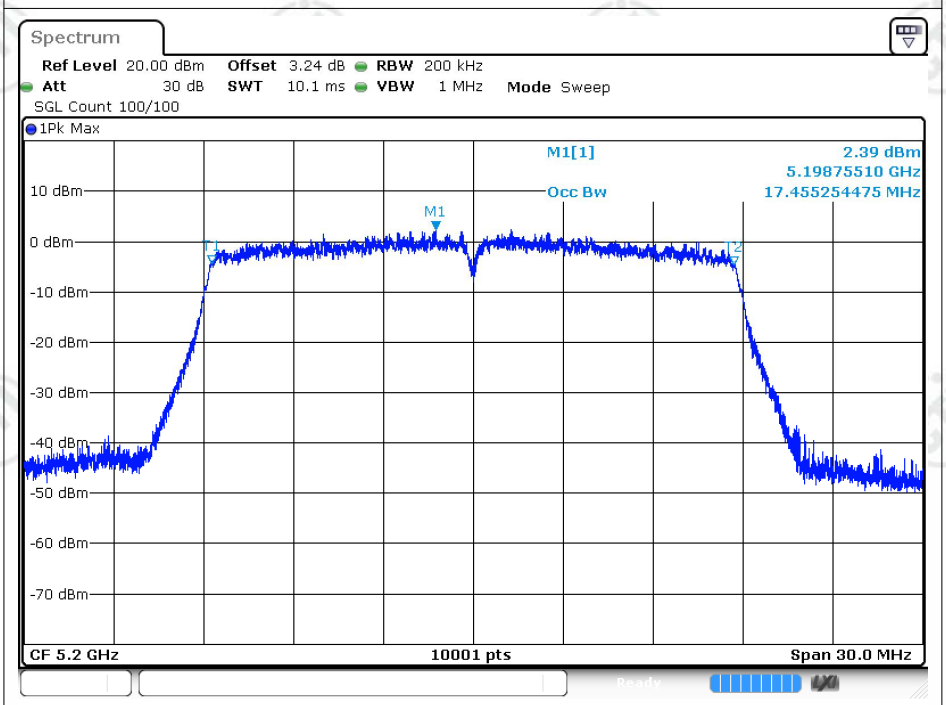
Date: 11.APR.2025 04:44:35

OBW NVNT N20MIMO 5180MHz Ant2



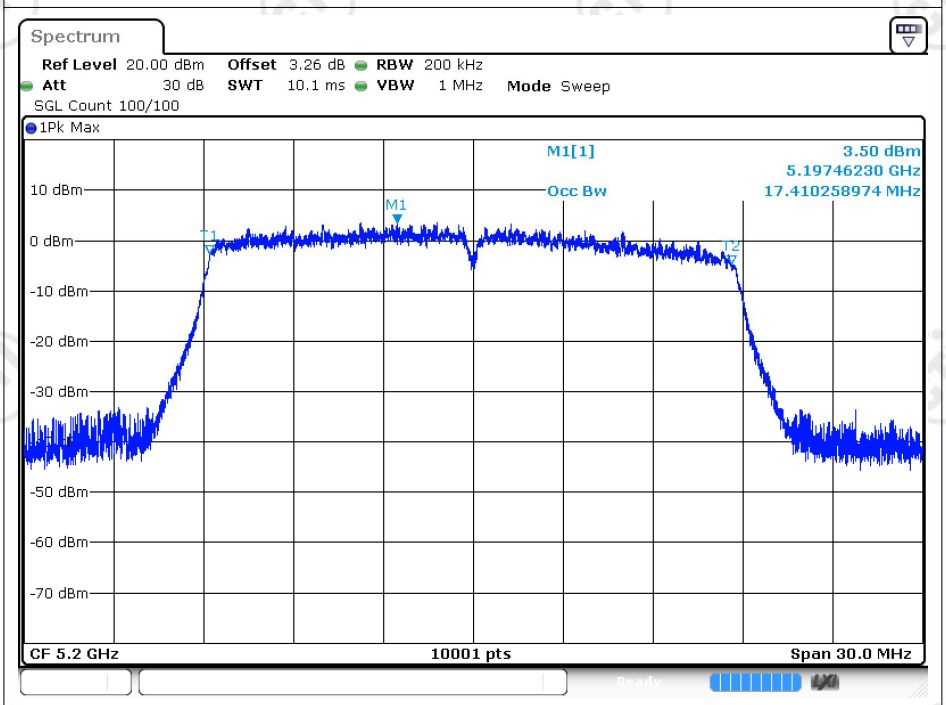
Date: 11.APR.2025 04:44:39

OBW NVNT N20MIMO 5200MHz Ant1



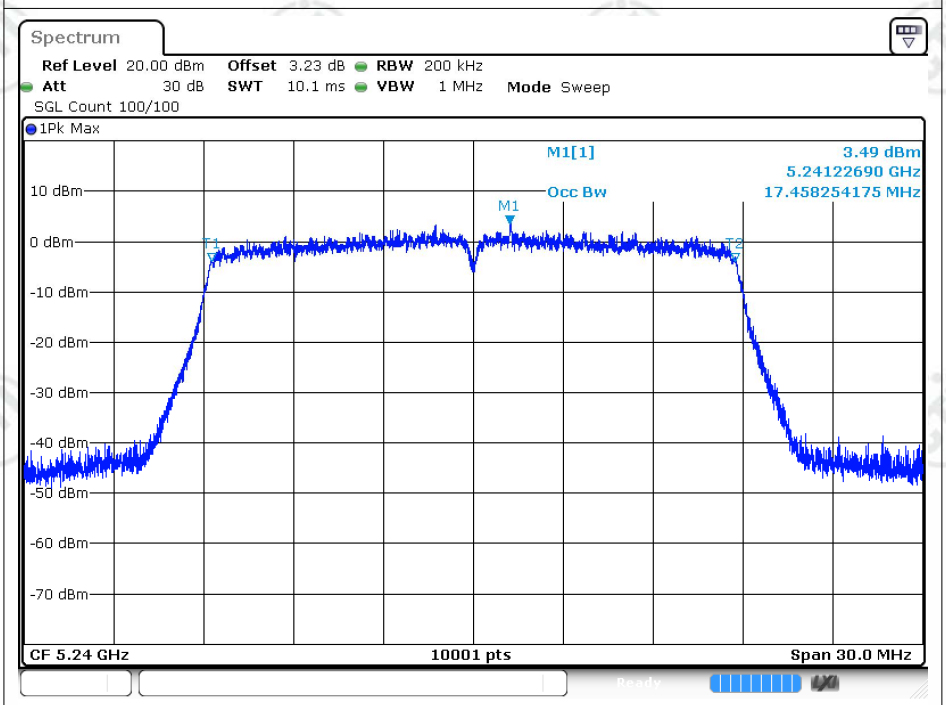
Date: 11.APR.2025 04:49:11

OBW NVNT N20MIMO 5200MHz Ant2



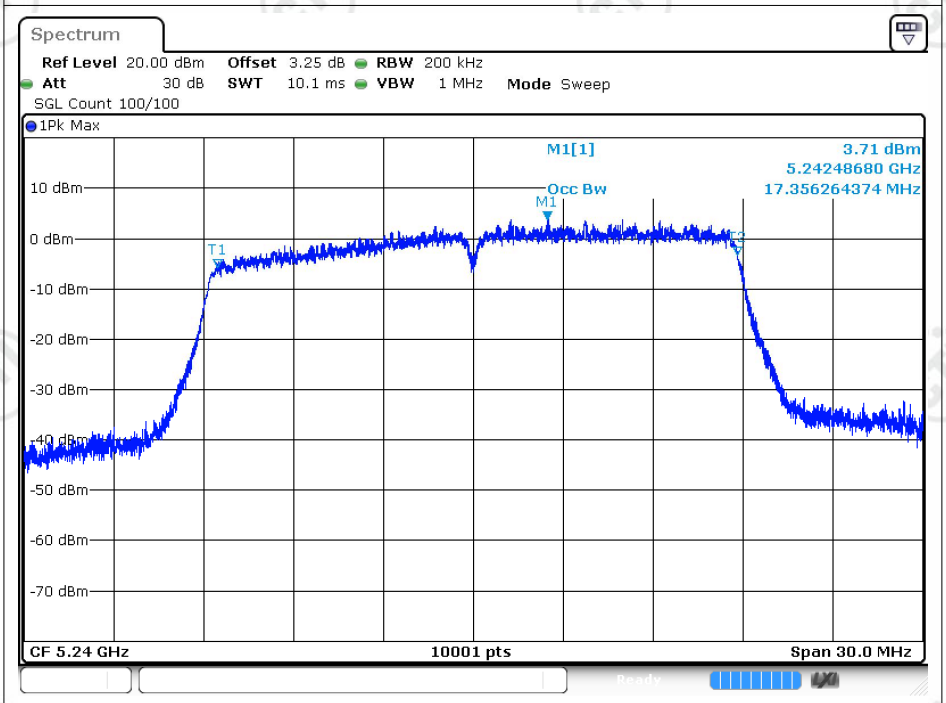
Date: 11.APR.2025 04:49:15

OBW NVNT N20MIMO 5240MHz Ant1



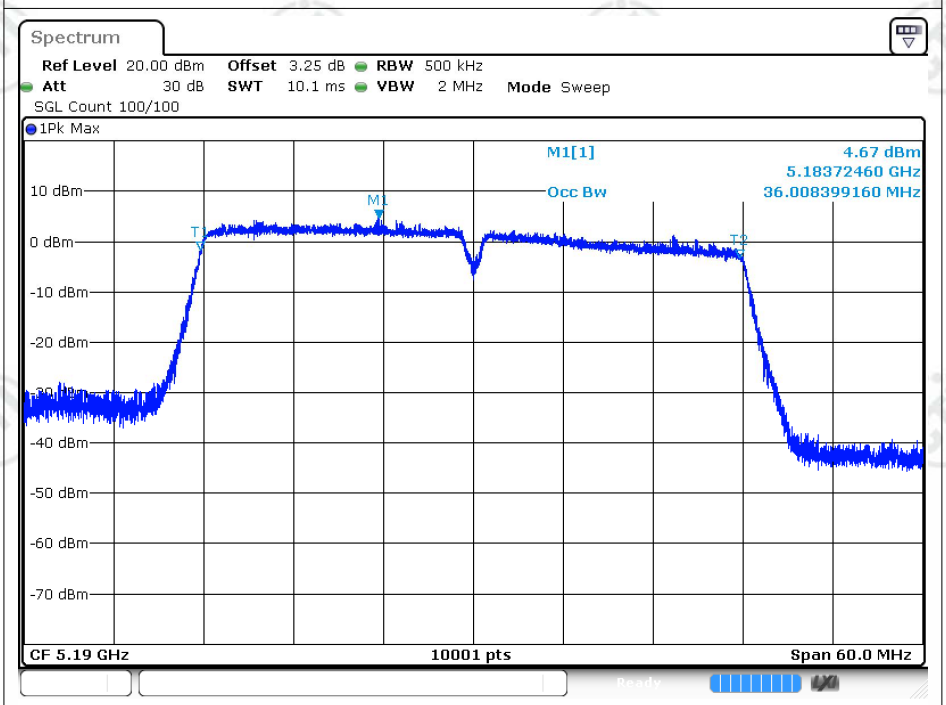
Date: 11.APR.2025 04:50:46

OBW NVNT N20MIMO 5240MHz Ant2



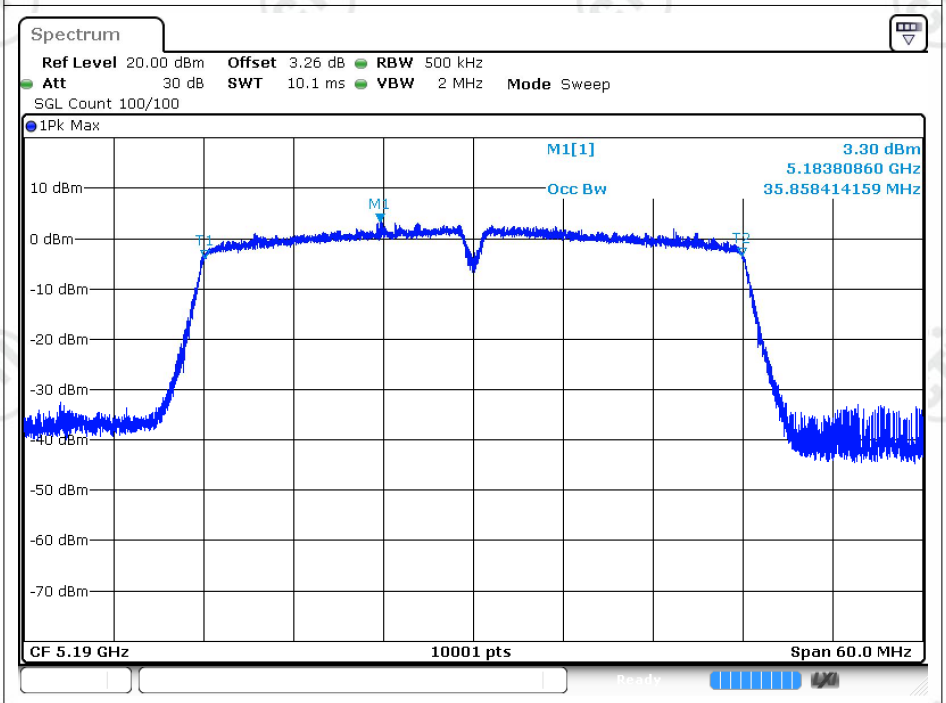
Date: 11.APR.2025 04:50:50

OBW NVNT N40MIMO 5190MHz Ant1



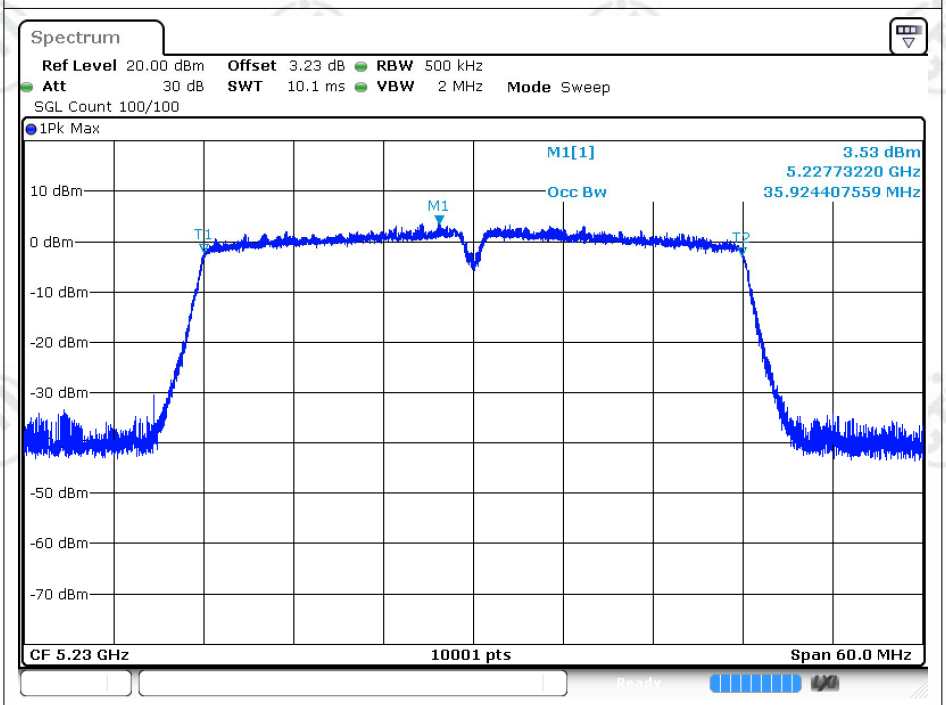
Date: 11.APR.2025 05:01:28

OBW NVNT N40MIMO 5190MHz Ant2



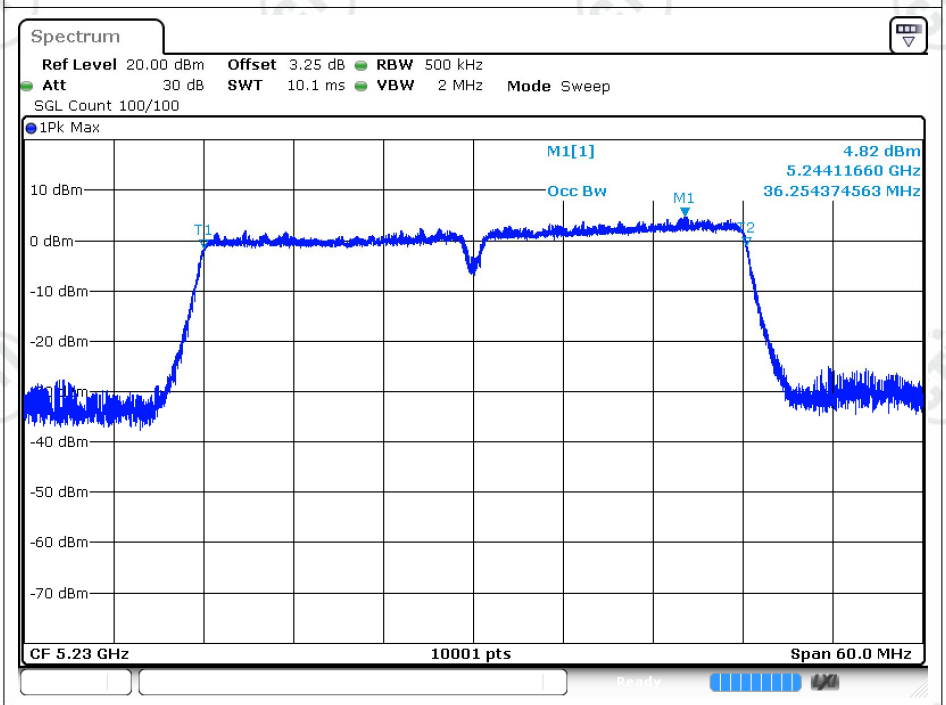
Date: 11.APR.2025 05:01:32

OBW NVNT N40MIMO 5230MHz Ant1



Date: 11.APR.2025 05:04:37

OBW NVNT N40MIMO 5230MHz Ant2



Date: 11.APR.2025 05:04:40

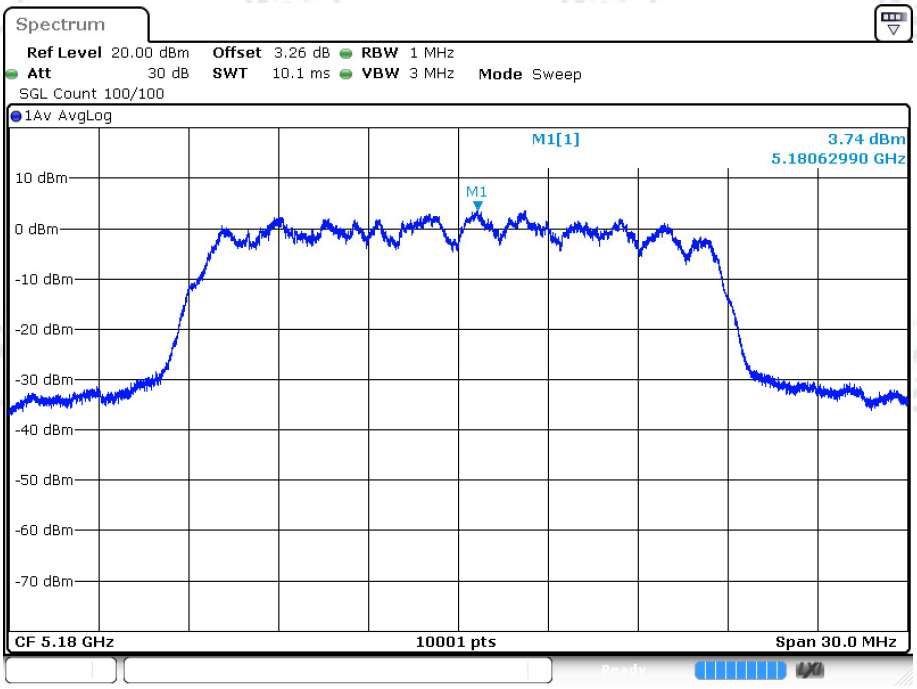
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.74	0.2	3.94	11	Pass
NVNT	a	5200	Ant1	3.97	0.32	4.29	11	Pass
NVNT	a	5240	Ant1	4.26	0.36	4.62	11	Pass
NVNT	a	5180	Ant2	2.62	0.36	2.98	11	Pass
NVNT	a	5200	Ant2	3.05	0.39	3.44	11	Pass
NVNT	a	5240	Ant2	3.9	0.27	4.17	11	Pass
NVNT	AC20MIMO	5180	Ant1	-1.8	0.37	-1.43	11	Pass
NVNT	AC20MIMO	5180	Ant2	-1.08	0.37	-0.71	11	Pass
NVNT	AC20MIMO	5180	Sum	1.59	0.37	1.96	11	Pass
NVNT	AC20MIMO	5200	Ant1	-3.32	0.33	-2.99	11	Pass
NVNT	AC20MIMO	5200	Ant2	-1.11	0.33	-0.78	11	Pass
NVNT	AC20MIMO	5200	Sum	0.93	0.33	1.26	11	Pass
NVNT	AC20MIMO	5240	Ant1	-1.91	0.41	-1.5	11	Pass
NVNT	AC20MIMO	5240	Ant2	-1.41	0.41	-1	11	Pass
NVNT	AC20MIMO	5240	Sum	1.36	0.41	1.77	11	Pass
NVNT	AC40MIMO	5190	Ant1	-6.7	0.62	-6.08	11	Pass
NVNT	AC40MIMO	5190	Ant2	-7.37	0.62	-6.75	11	Pass
NVNT	AC40MIMO	5190	Sum	-4.01	0.62	-3.39	11	Pass
NVNT	AC40MIMO	5230	Ant1	-5.46	0.76	-4.7	11	Pass
NVNT	AC40MIMO	5230	Ant2	-5.92	0.76	-5.16	11	Pass
NVNT	AC40MIMO	5230	Sum	-2.67	0.76	-1.91	11	Pass
NVNT	AC80MIMO	5210	Ant1	-13.85	1.32	-12.53	11	Pass
NVNT	AC80MIMO	5210	Ant2	-17.05	1.32	-15.73	11	Pass
NVNT	AC80MIMO	5210	Sum	-12.15	1.32	-10.83	11	Pass
NVNT	N20MIMO	5180	Ant1	-0.97	0.34	-0.63	11	Pass
NVNT	N20MIMO	5180	Ant2	-1.62	0.34	-1.28	11	Pass
NVNT	N20MIMO	5180	Sum	1.73	0.34	2.07	11	Pass
NVNT	N20MIMO	5200	Ant1	-1.37	0.4	-0.97	11	Pass
NVNT	N20MIMO	5200	Ant2	0.24	0.4	0.64	11	Pass
NVNT	N20MIMO	5200	Sum	2.52	0.4	2.92	11	Pass
NVNT	N20MIMO	5240	Ant1	-1.41	0.31	-1.1	11	Pass
NVNT	N20MIMO	5240	Ant2	0.32	0.31	0.63	11	Pass
NVNT	N20MIMO	5240	Sum	2.55	0.31	2.86	11	Pass
NVNT	N40MIMO	5190	Ant1	-4.45	0.67	-3.78	11	Pass
NVNT	N40MIMO	5190	Ant2	-7.35	0.67	-6.68	11	Pass
NVNT	N40MIMO	5190	Sum	-2.65	0.67	-1.98	11	Pass
NVNT	N40MIMO	5230	Ant1	-7.5	0.42	-7.08	11	Pass

NVNT	N40MIMO	5230	Ant2	-5.42	0.42	-5	11	Pass
NVNT	N40MIMO	5230	Sum	-3.33	0.42	-2.91	11	Pass

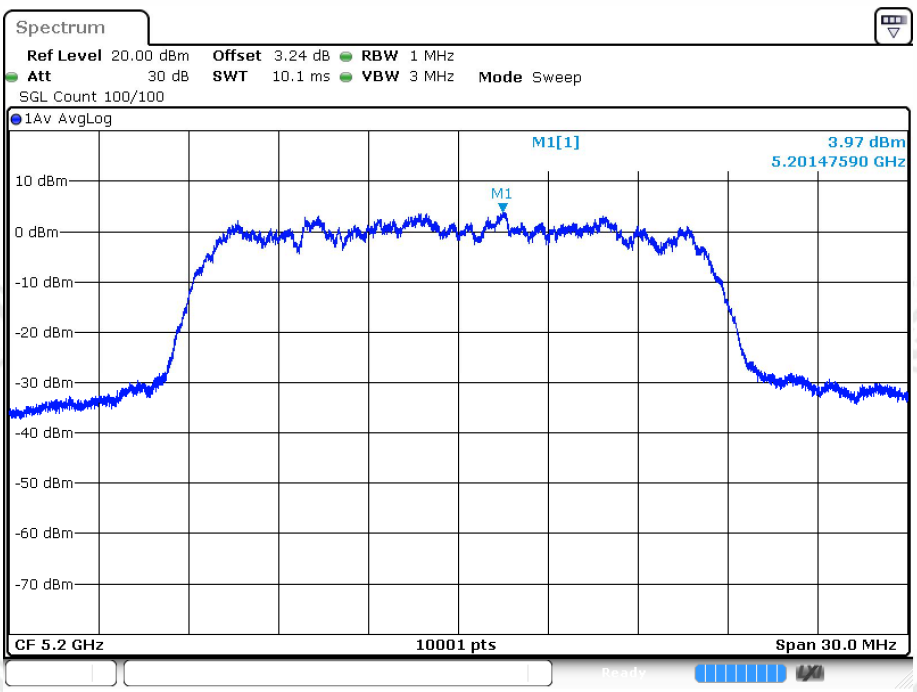
Test Graphs

PSD NVNT a 5180MHz Ant1



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

PSD NVNT a 5200MHz Ant1



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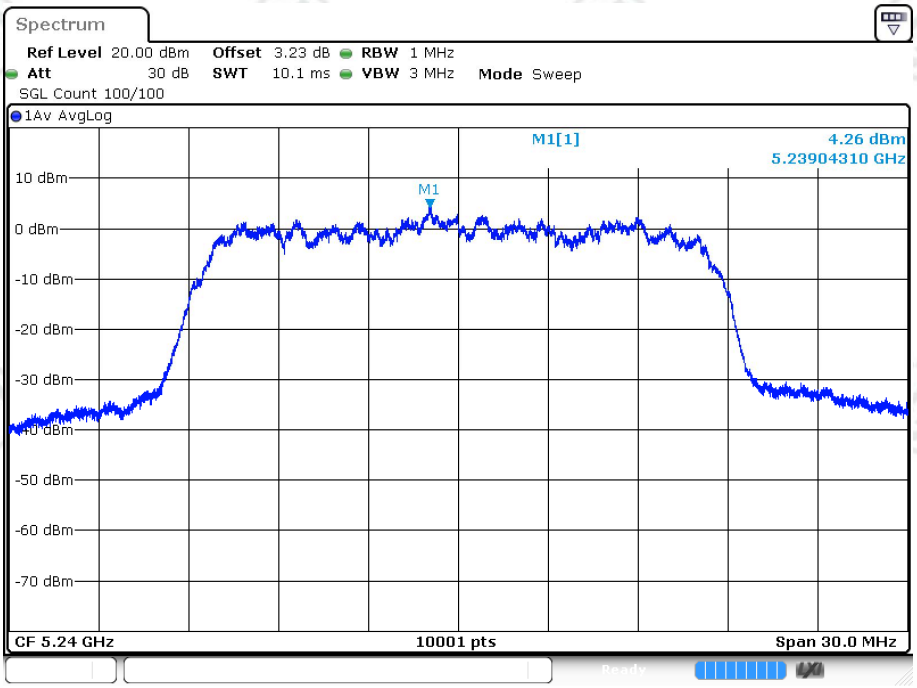
PSD NVNT a 5240MHz Ant1



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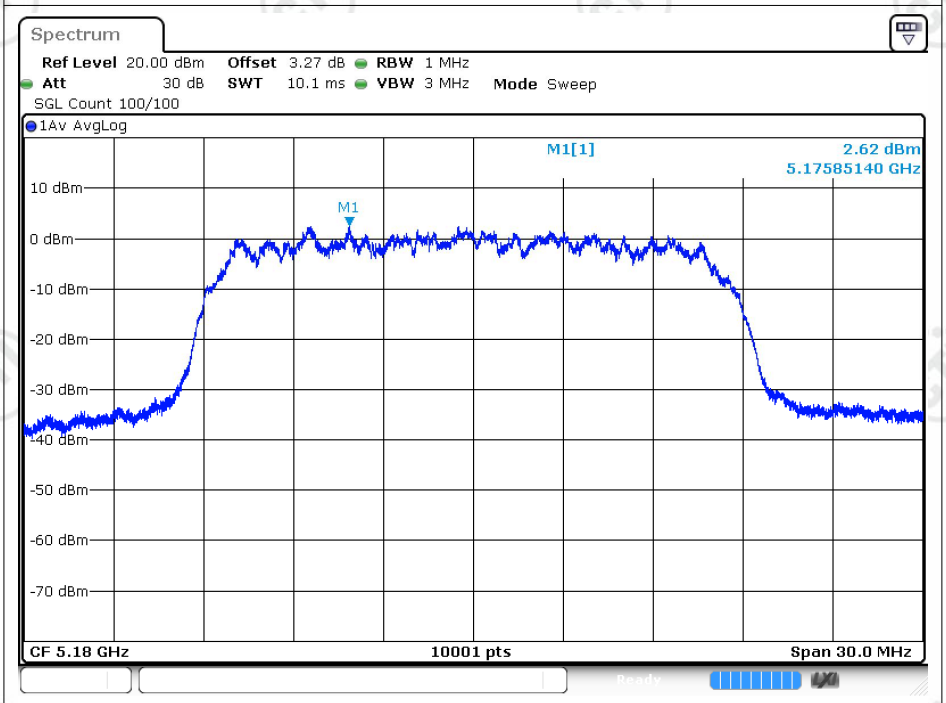
PSD NVNT a 5180MHz Ant2



Date: 15.APR.2025 04:57:59