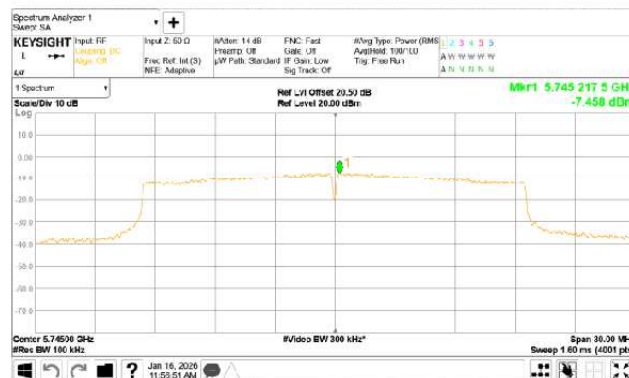


Chain0 : Power Spectral Density @ 802.11ax(HE20) Mode Ch140



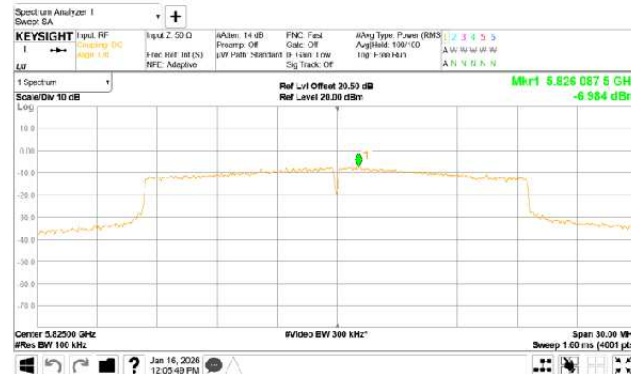
Chain0 : Power Spectral Density @ 802.11ax(HE20) Mode Ch149



Chain0 : Power Spectral Density @ 802.11ax(HE20) Mode Ch157



Chain0 : Power Spectral Density @ 802.11ax(HE20) Mode Ch165



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch36



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch44



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch48



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch52



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch60



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch64



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch100



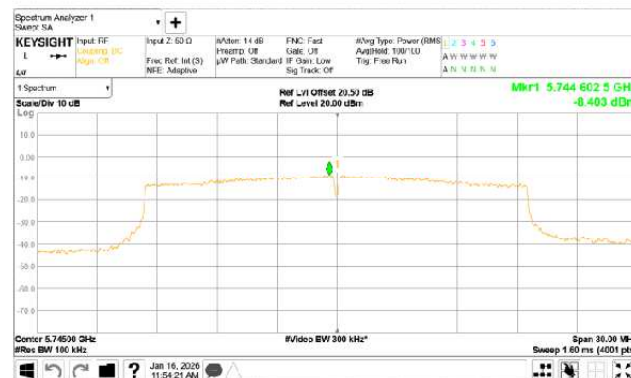
Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch120



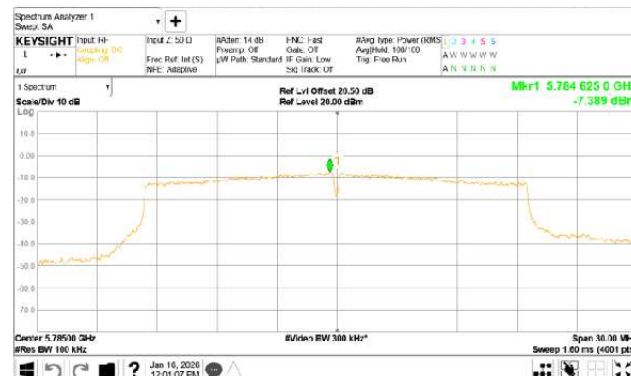
Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch140



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch149



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch157



Chain1 : Power Spectral Density @ 802.11ax(HE20) Mode Ch165



Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch38



Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch46



Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch54



Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch62



Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch102



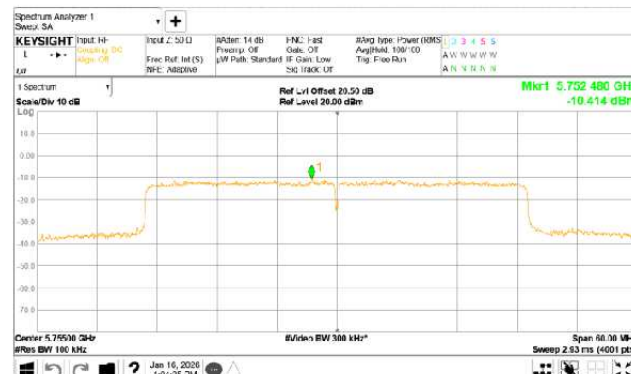
Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch118



Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch134



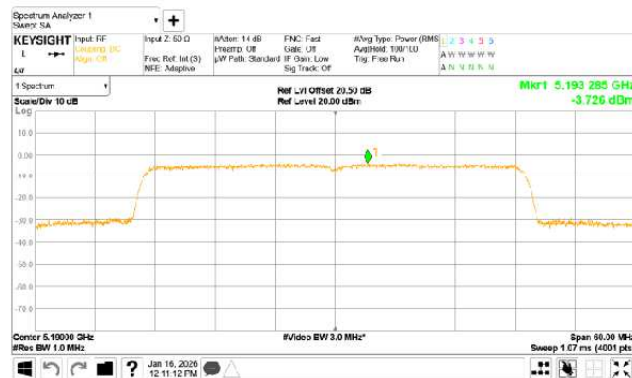
Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch151



Chain0 : Power Spectral Density @ 802.11ax(HE40) Mode Ch159



Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch38



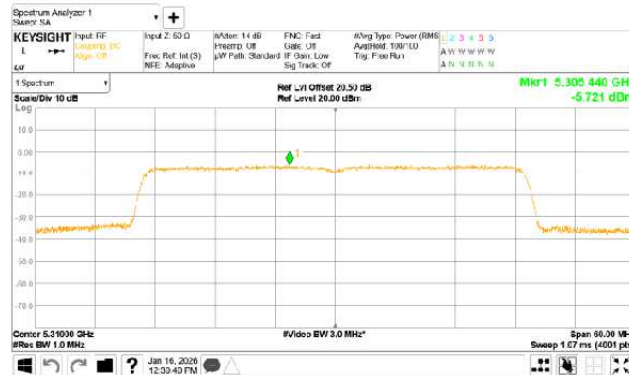
Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch46



Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch54



Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch62



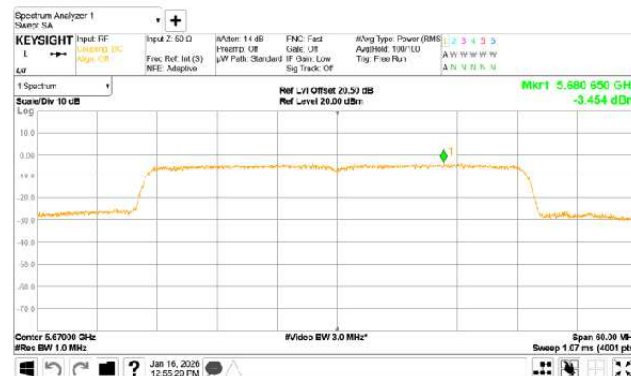
Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch102



Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch118



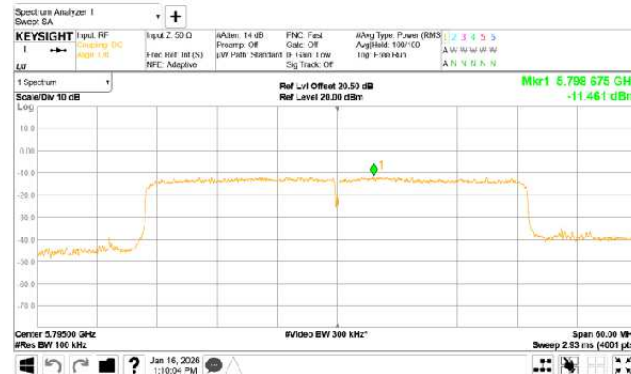
Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch134



Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch151



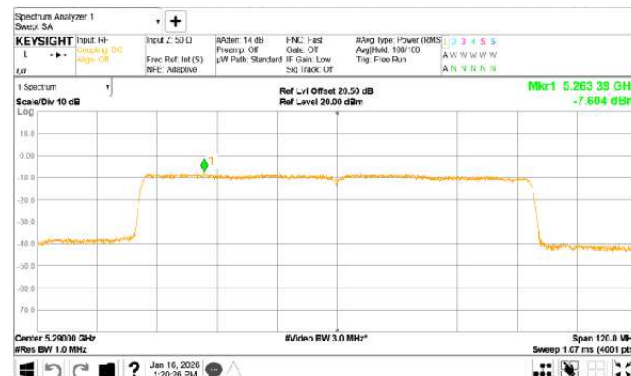
Chain1 : Power Spectral Density @ 802.11ax(HE40) Mode Ch159



Chain0 : Power Spectral Density @ 802.11ax(HE80) Mode Ch42



Chain0 : Power Spectral Density @ 802.11ax(HE80) Mode Ch58



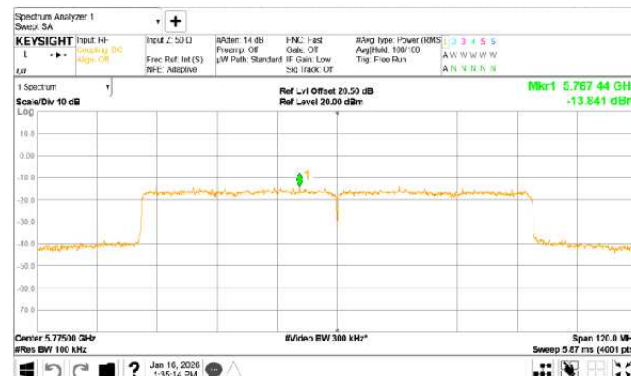
Chain0 : Power Spectral Density @ 802.11ax(HE80) Mode Ch106



Chain0 : Power Spectral Density @ 802.11ax(HE80) Mode Ch122



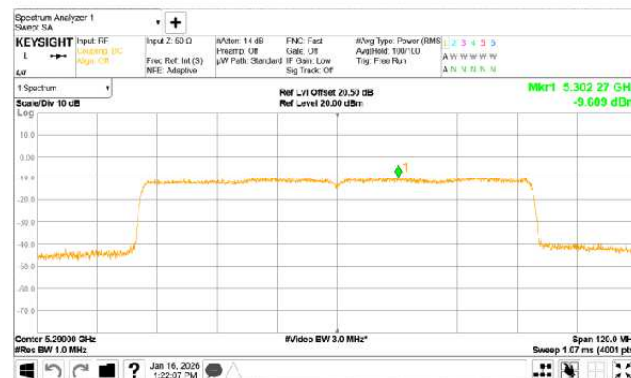
Chain0 : Power Spectral Density @ 802.11ax(HE80) Mode Ch155



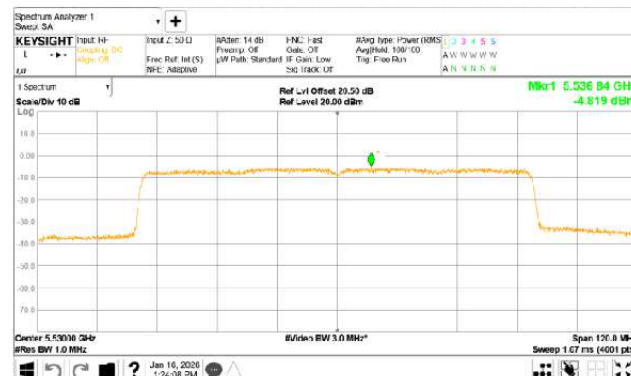
Chain1 : Power Spectral Density @ 802.11ax(HE80) Mode Ch42



Chain1 : Power Spectral Density @ 802.11ax(HE80) Mode Ch58



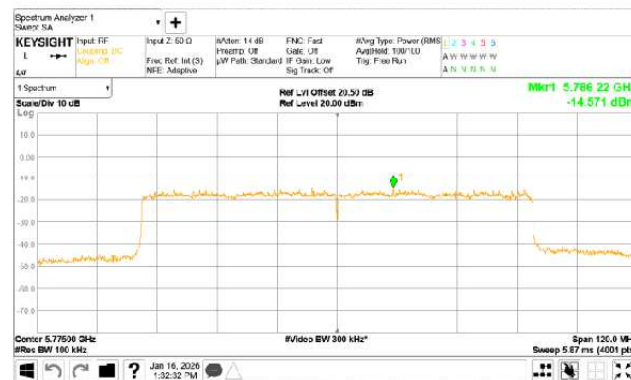
Chain1 : Power Spectral Density @ 802.11ax(HE80) Mode Ch106



Chain1 : Power Spectral Density @ 802.11ax(HE80) Mode Ch122



Chain1 : Power Spectral Density @ 802.11ax(HE80) Mode Ch155



4. Minimum Bandwidth

4.1 Limit for minimum emission bandwidth.

Within the 5.15-5.725 GHz, the 26 dB bandwidth is for reporting purpose only.

Within the 5.725-5.85 GHz, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

4.2 Measuring instrument setting

Emission Bandwidth for 5.15-5.25 GHz

Spectrum analyzer settings	
Spectrum Analyzer function	Setting
Detector	Peak
RBW	Approximately 1% of the EBW
VBW	> RBW
Trace mode	Max hold

Minimum Emission Bandwidth for 5.725-5.85 GHz

Spectrum analyzer settings	
Spectrum Analyzer function	Setting
Detector	Peak
RBW	100kHz
VBW	$\geq 3 \times \text{RBW}$
Sweep	Auto couple
Trace mode	Max hold

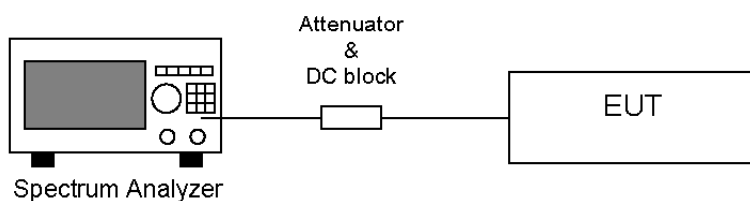
99% Occupied Bandwidth

Spectrum analyzer settings	
Spectrum Analyzer function	Setting
Span	1.5 times to 5.0 times the OBW
RBW	1% to 5% of the OBW
VBW	$\geq 3 \times \text{RBW}$
Trace mode	Max hold

4.3 Test procedure

1. The transmitter output was connected to the spectrum analyzer.
2. Test was performed in accordance with section C&D of KDB 789033 D02 v02r01
3. For the 5.725-5.85 GHz, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

4.4 Test diagram



4.5 Test results

Test model:	68301
Temperature (°C):	21
Relative Humidity (%):	71
Test date:	2026/01/15

SISO

Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
802.11a Chain0	36	5180	23.04
	44	5220	30.44
	48	5240	39.56
	52	5260	20.88
	60	5300	34.76
	64	5320	22.20
	100	5500	36.32
	120	5600	22.92
	140	5700	22.84
	149	5745	27.32
	157	5785	30.20
	165	5825	29.36
802.11a Chain1	36	5180	21.00
	44	5220	26.72
	48	5240	26.44
	52	5260	21.40
	60	5300	20.36
	64	5320	21.76
	100	5500	21.40
	120	5600	45.88
	140	5700	23.12
	149	5745	21.64
	157	5785	21.32
	165	5825	21.68

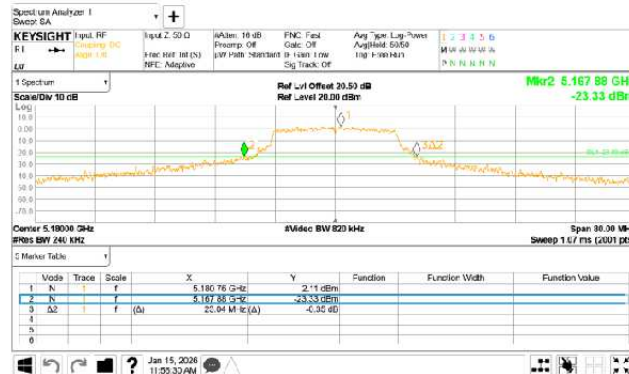
Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
802.11ac (VHT20) Chain0	36	5180	35.72
	44	5220	35.24
	48	5240	21.12
	52	5260	30.56
	60	5300	21.12
	64	5320	23.52
	100	5500	27.64
	120	5600	29.40
	140	5700	31.16
	149	5745	31.88
	157	5785	31.48
	165	5825	32.08
802.11ac (VHT20) Chain1	36	5180	30.24
	44	5220	25.76
	48	5240	23.44
	52	5260	22.64
	60	5300	23.96
	64	5320	21.56
	100	5500	50.72
	120	5600	22.96
	140	5700	23.92
	149	5745	23.12
	157	5785	22.00
	165	5825	23.48
802.11ac (VHT40) Chain0	38	5190	76.56
	46	5230	61.84
	54	5270	94.08
	62	5310	91.28
	102	5510	74.80
	118	5590	70.80
	134	5670	72.32
	151	5755	90.08
	159	5795	87.84

Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
802.11ac (VHT40) Chain1	38	5190	66.48
	46	5230	66.48
	54	5270	40.64
	62	5310	52.24
	102	5510	113.04
	118	5590	42.88
	134	5670	79.36
	151	5755	46.72
	159	5795	44.00
802.11ac (VHT80) Chain0	42	5210	145.60
	58	5290	93.60
	106	5530	99.20
	122	5610	91.68
	155	5775	154.56
802.11ac (VHT80) Chain1	42	5210	117.60
	58	5290	80.80
	106	5530	90.56
	122	5610	99.20
	155	5775	106.88
802.11ax (HE20) Chain0	36	5180	21.40
	44	5220	26.64
	48	5240	21.40
	52	5260	24.60
	60	5300	21.88
	64	5320	31.76
	100	5500	25.60
	120	5600	23.84
	140	5700	24.04
	149	5745	21.48
	157	5785	22.88
	165	5825	29.76

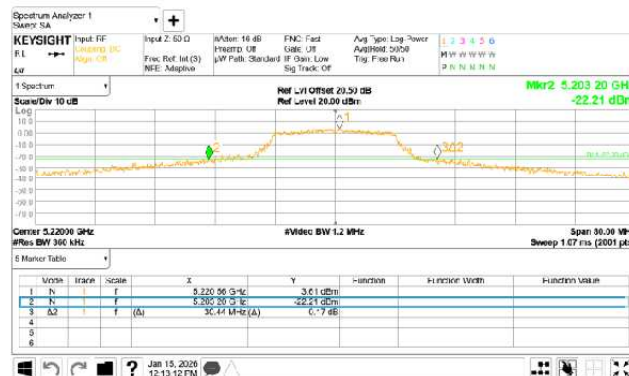
Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
802.11ax (HE20) Chain1	36	5180	24.84
	44	5220	20.56
	48	5240	21.12
	52	5260	20.72
	60	5300	21.28
	64	5320	20.84
	100	5500	48.16
	120	5600	21.60
	140	5700	22.16
	149	5745	23.96
	157	5785	22.44
	165	5825	21.64
802.11ax (HE40) Chain0	38	5190	68.64
	46	5230	67.60
	54	5270	53.92
	62	5310	65.68
	102	5510	68.88
	118	5590	68.48
	134	5670	69.12
	151	5755	77.60
	159	5795	82.64
802.11ax (HE40) Chain1	38	5190	59.60
	46	5230	57.68
	54	5270	56.24
	62	5310	60.40
	102	5510	111.20
	118	5590	56.24
	134	5670	74.72
	151	5755	58.24
	159	5795	67.52
802.11ax (HE80) Chain0	42	5210	121.92
	58	5290	81.28
	106	5530	119.68
	122	5610	81.60
	155	5775	125.28

Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
802.11ax (HE80) Chain1	42	5210	80.48
	58	5290	81.28
	106	5530	80.80
	122	5610	191.68
	155	5775	92.00

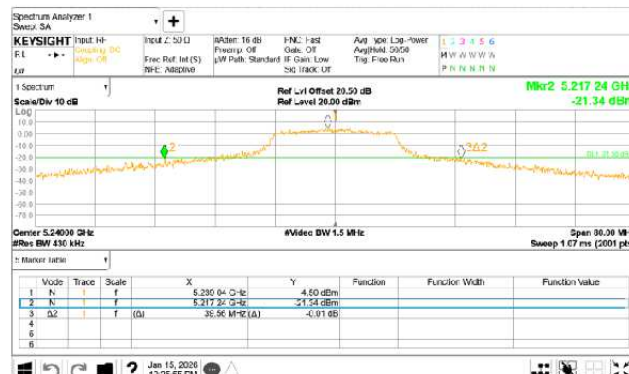
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch36



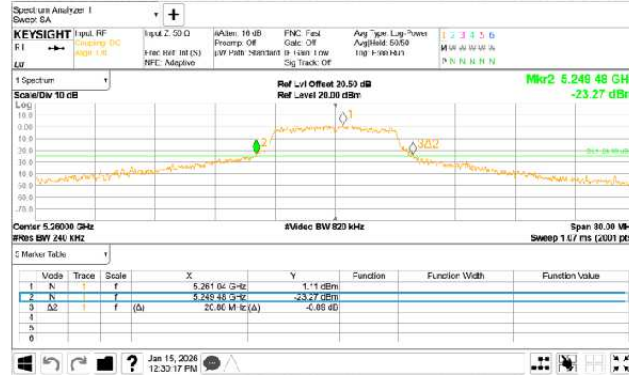
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch44



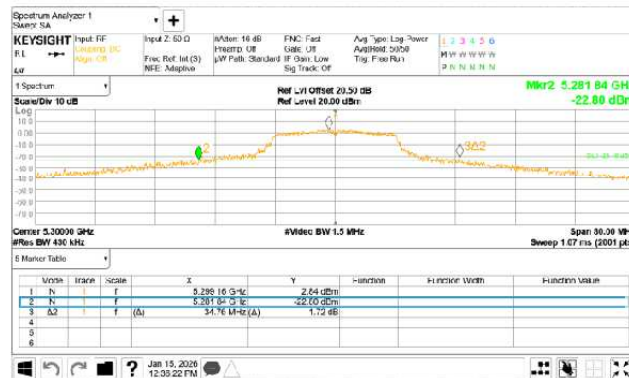
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch48



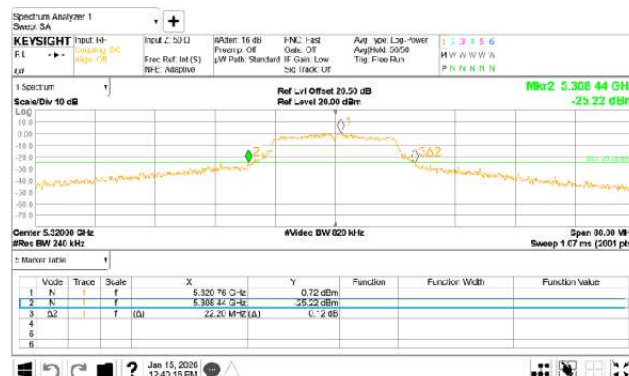
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch52



Chain0 : 26dB Bandwidth @ 802.11a Mode Ch60



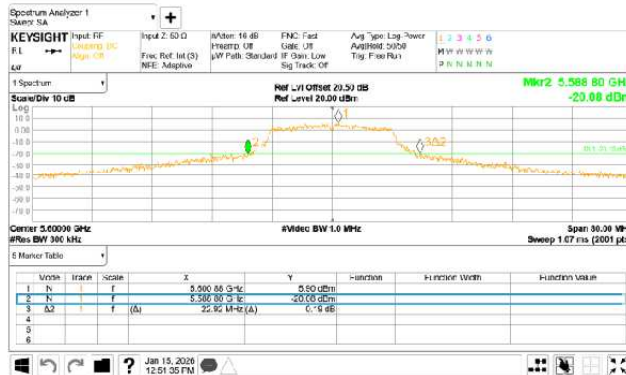
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch64



Chain0 : 26dB Bandwidth @ 802.11a Mode Ch100



Chain0 : 26dB Bandwidth @ 802.11a Mode Ch120



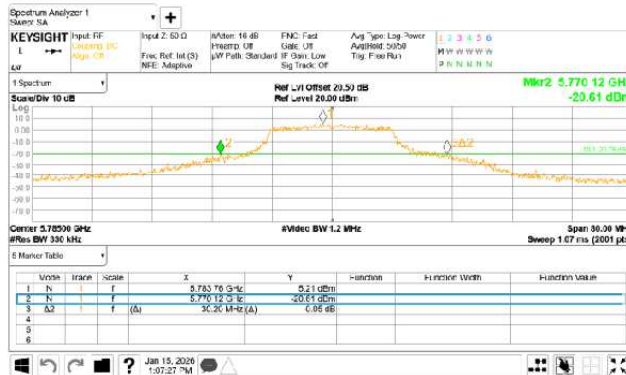
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch140



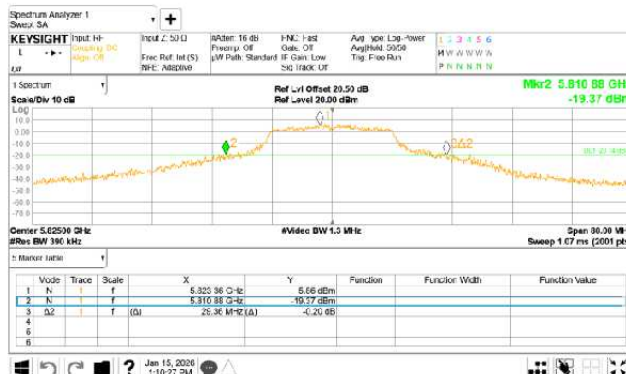
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch149



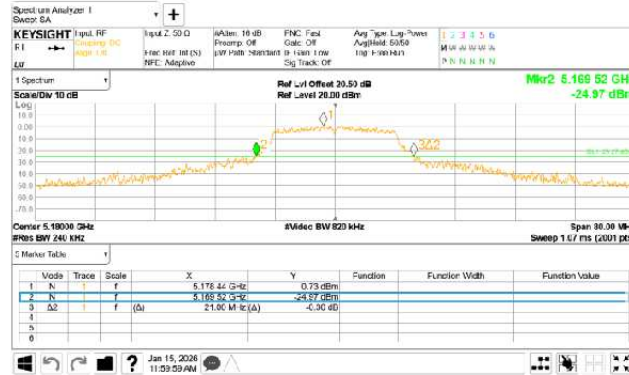
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch157



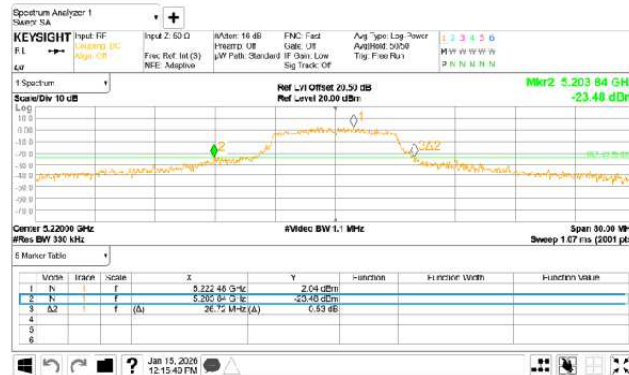
Chain0 : 26dB Bandwidth @ 802.11a Mode Ch165



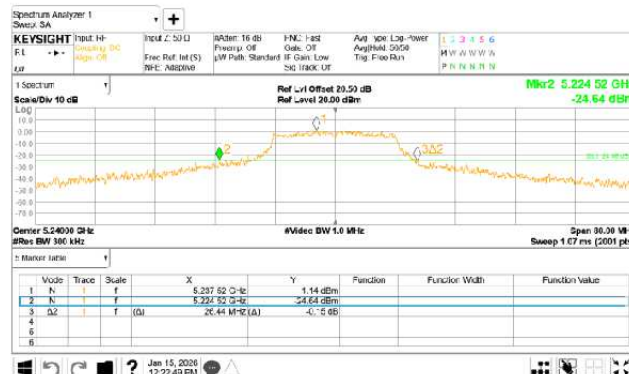
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch36



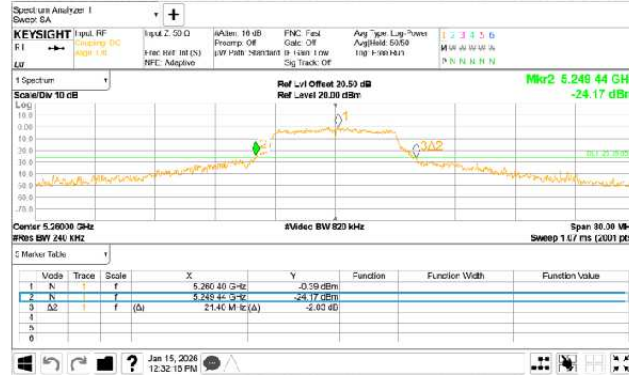
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch44



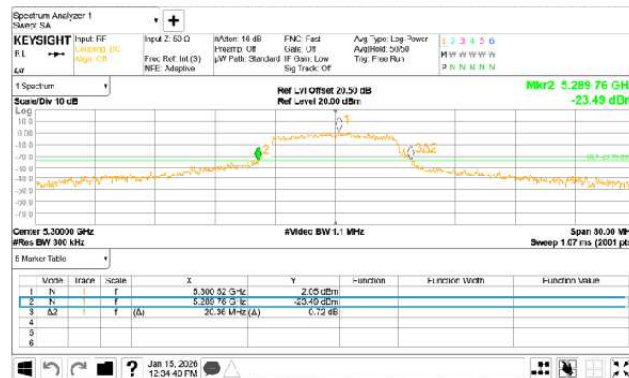
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch48



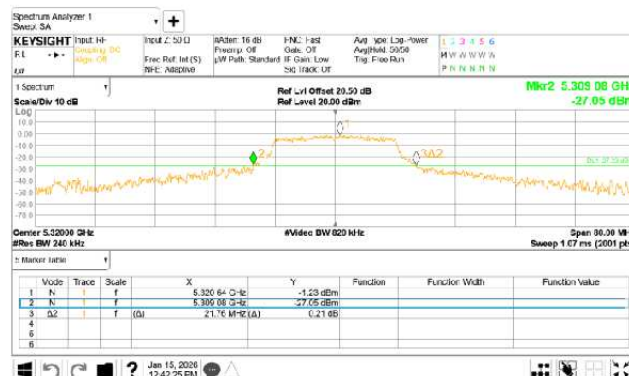
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch52



Chain1 : 26dB Bandwidth @ 802.11a Mode Ch60



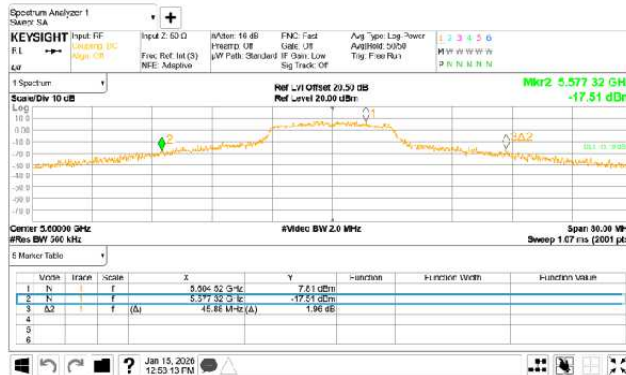
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch64



Chain1 : 26dB Bandwidth @ 802.11a Mode Ch100



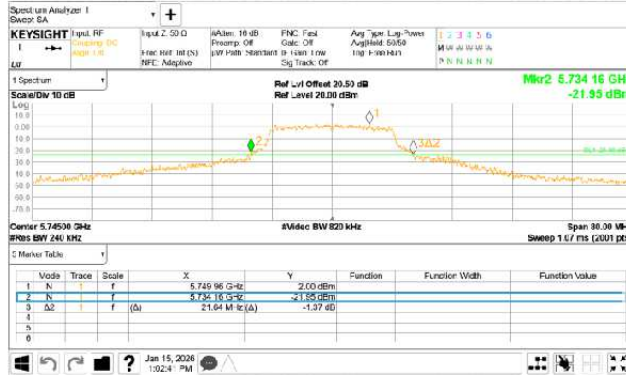
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch120



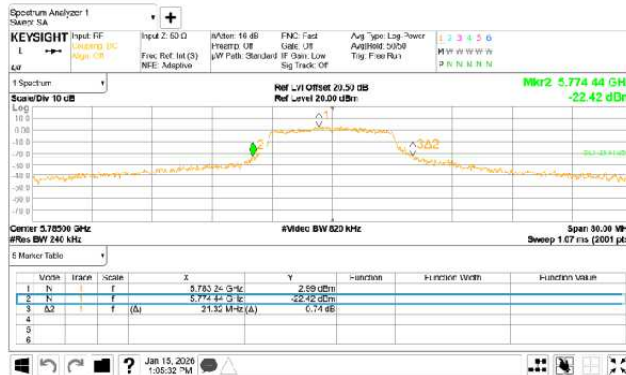
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch140



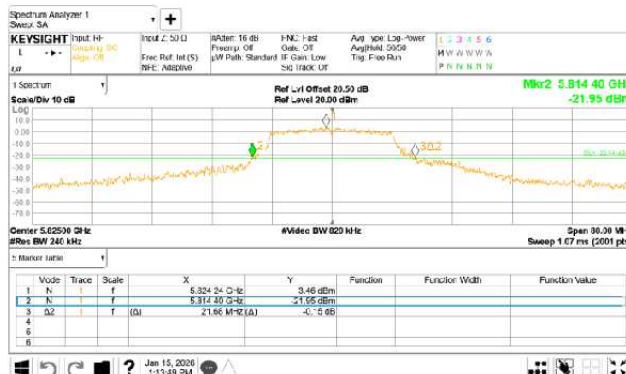
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch149



Chain1 : 26dB Bandwidth @ 802.11a Mode Ch157



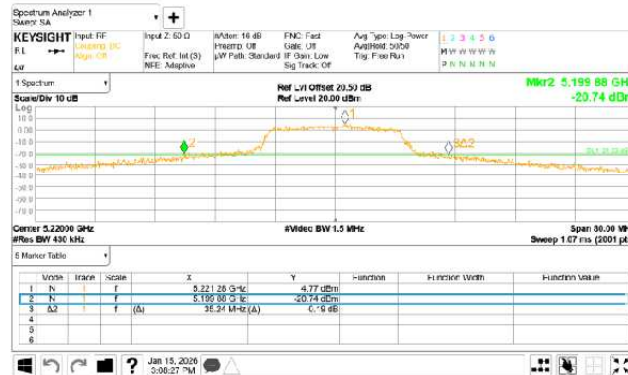
Chain1 : 26dB Bandwidth @ 802.11a Mode Ch165



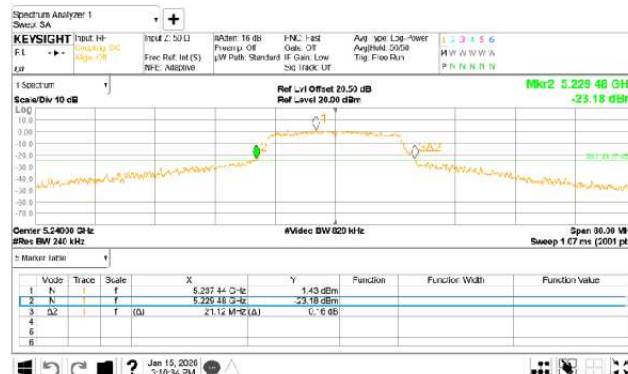
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch36



Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch44



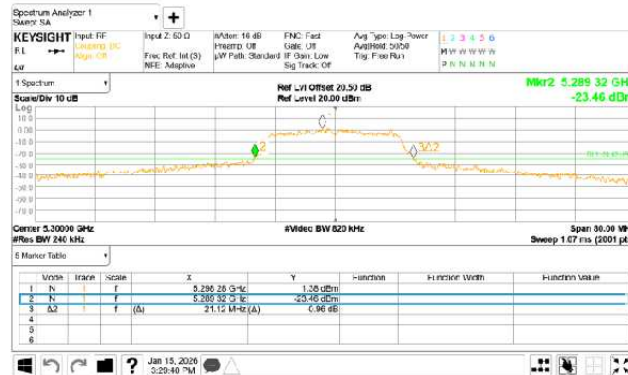
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch48



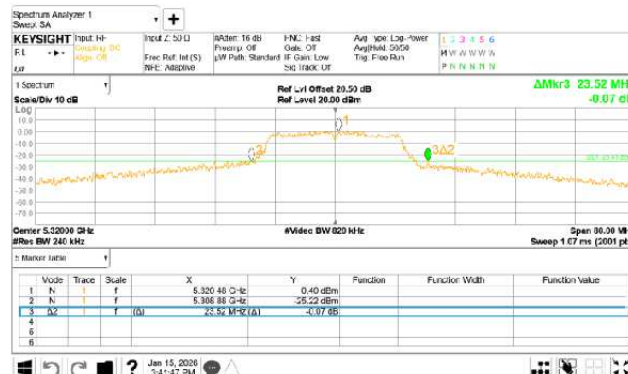
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch52



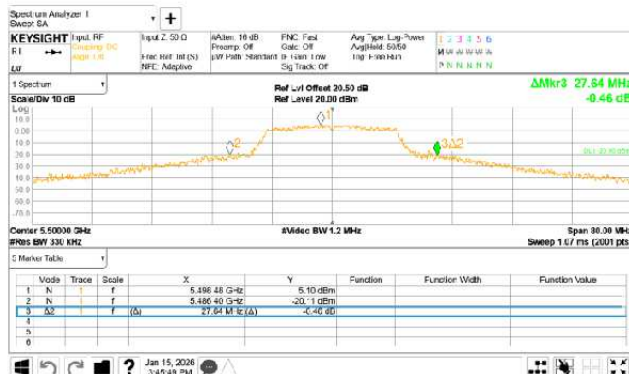
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch60



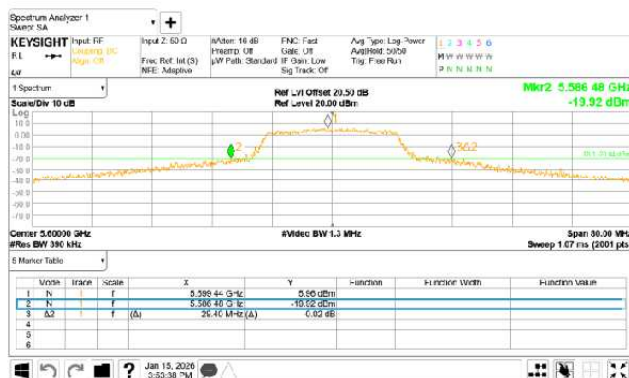
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch64



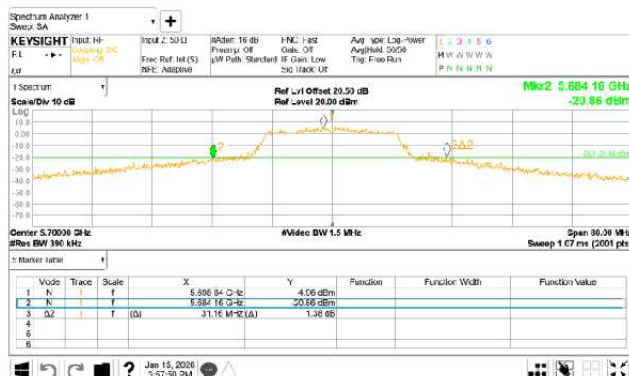
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch100



Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch120



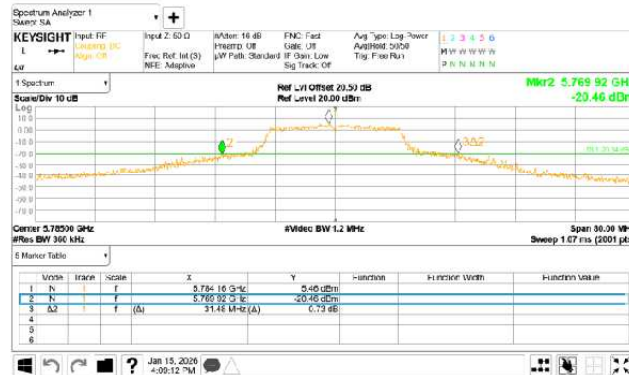
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch140



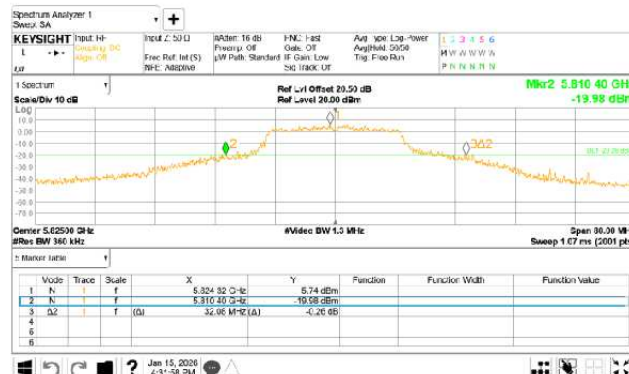
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch149



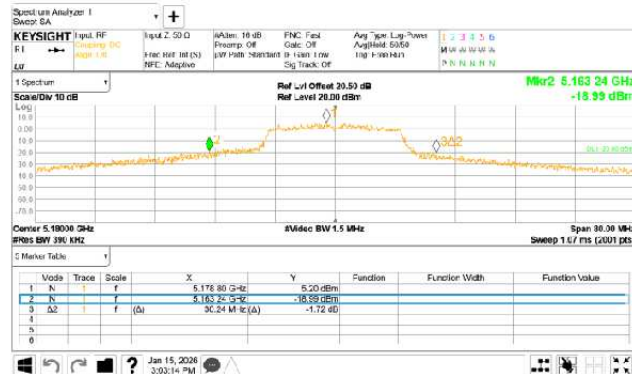
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch157



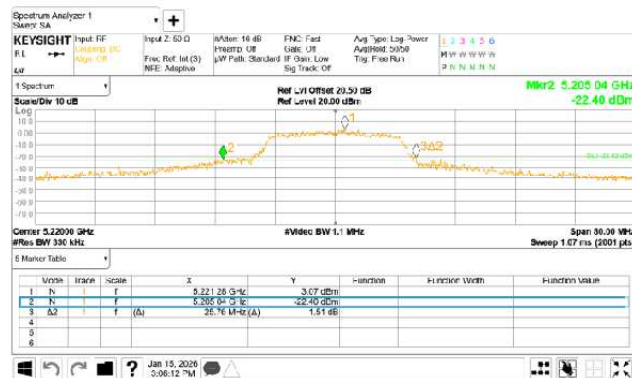
Chain0 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch165



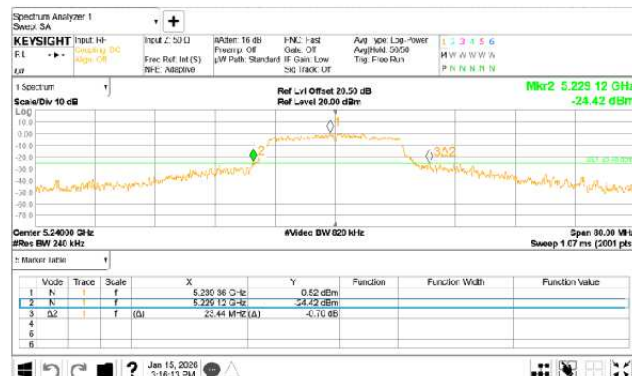
Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch36



Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch44



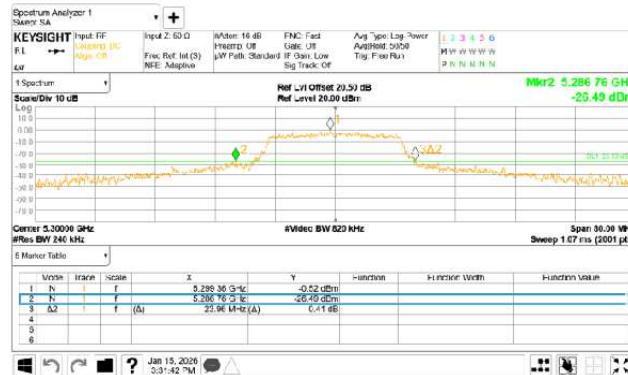
Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch48



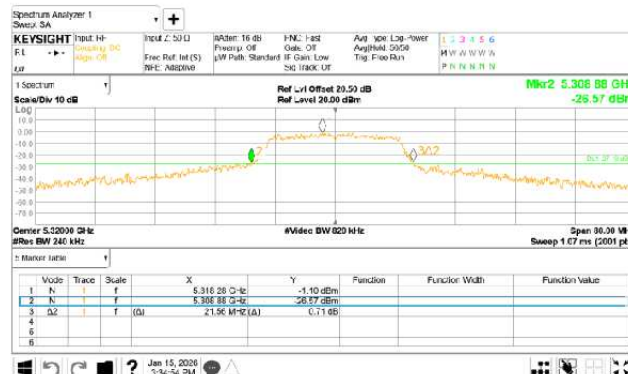
Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch52



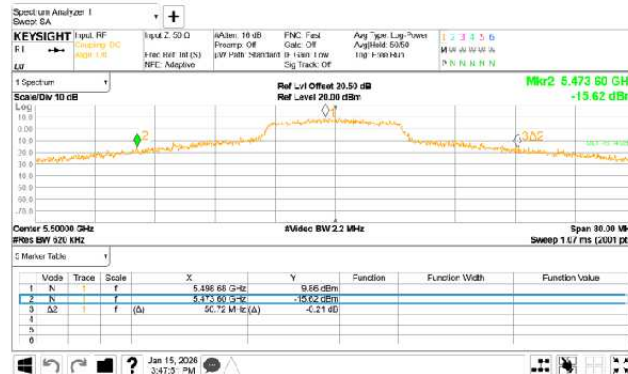
Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch60



Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch64



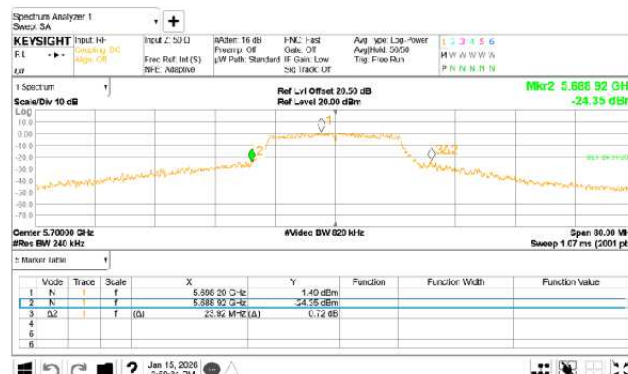
Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch100



Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch120



Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch140



Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch149



Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch157



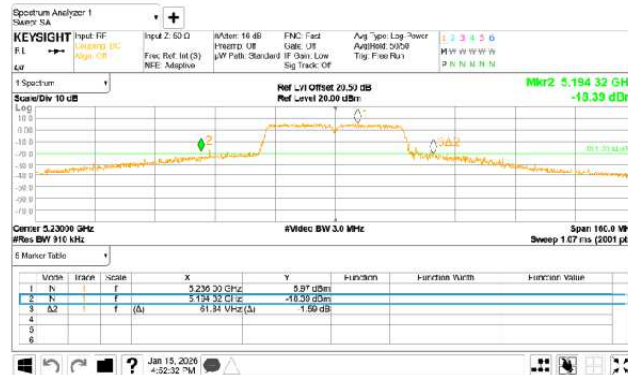
Chain1 : 26dB Bandwidth @ 802.11ac(VHT20) Mode Ch165



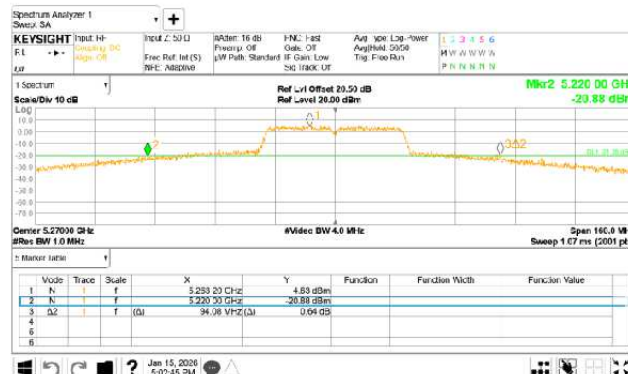
Chain0 : 26dB Bandwidth @ 802.11ac(VHT40) Mode Ch38



Chain0 : 26dB Bandwidth @ 802.11ac(VHT40) Mode Ch46



Chain0 : 26dB Bandwidth @ 802.11ac(VHT40) Mode Ch54



Chain0 : 26dB Bandwidth @ 802.11ac(VHT40) Mode Ch62



Chain0 : 26dB Bandwidth @ 802.11ac(VHT40) Mode Ch102



Chain0 : 26dB Bandwidth @ 802.11ac(VHT40) Mode Ch118

