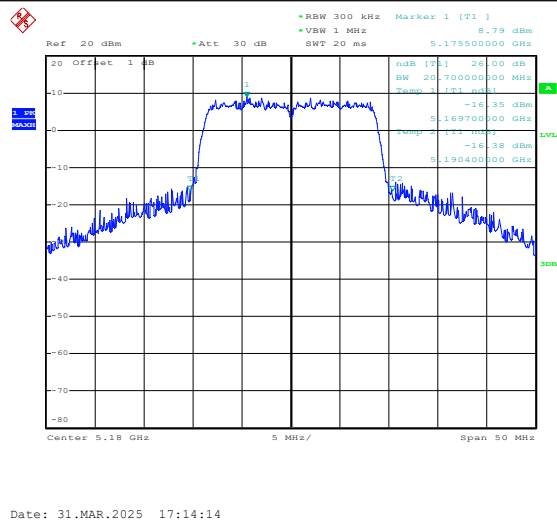
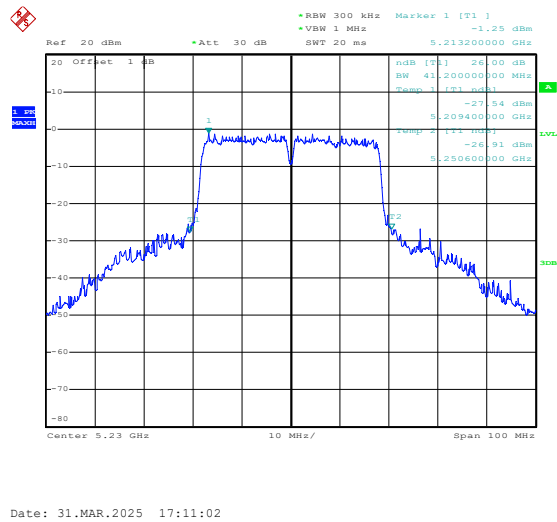
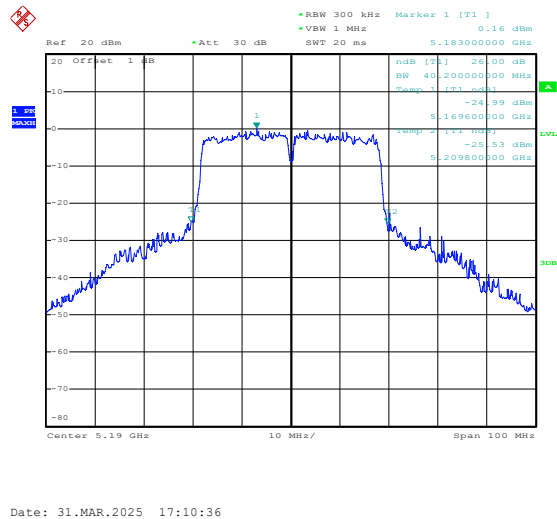


26 dB Bandwidth MHz
5150-5250MHz

802.11a-Low	Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 9.17 dBm VBW 1 MHz SWT 20 ms 5.177300000 GHz 20 Offset 1 dB 1 hdb [T1] 26.00 dB BW 23.300000000 MHz Sweep 1 [T1] 60.00 -17.73 dBm 5.168300000 GHz Temp 2 [T2] 60.00 -17.51 dBm 5.193600000 GHz Center 5.18 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:05:02
802.11a-Middle	Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 9.03 dBm VBW 1 MHz SWT 20 ms 5.192700000 GHz 20 Offset 1 dB 1 hdb [T1] 26.00 dB BW 23.200000000 MHz Sweep 1 [T1] 60.00 -15.44 dBm 5.189200000 GHz Temp 2 [T2] 60.00 -17.69 dBm 5.211400000 GHz Center 5.2 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:05:23
802.11a-High	Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 8.55 dBm VBW 1 MHz SWT 20 ms 5.237300000 GHz 20 Offset 1 dB 1 hdb [T1] 26.00 dB BW 24.500000000 MHz Sweep 1 [T1] 60.00 -17.70 dBm 5.228700000 GHz Temp 2 [T2] 60.00 -16.06 dBm 5.253200000 GHz Center 5.24 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:06:09

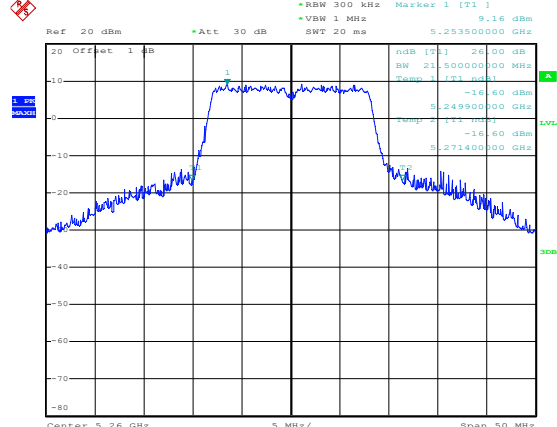
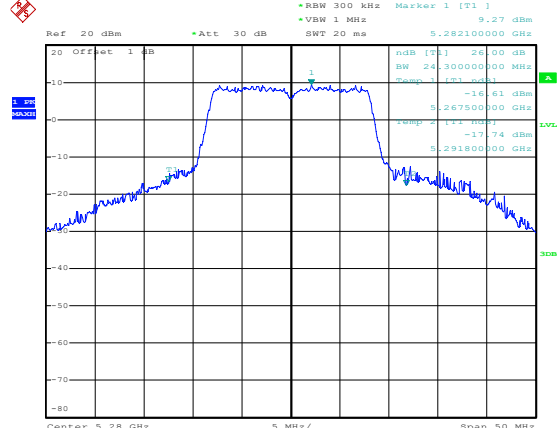
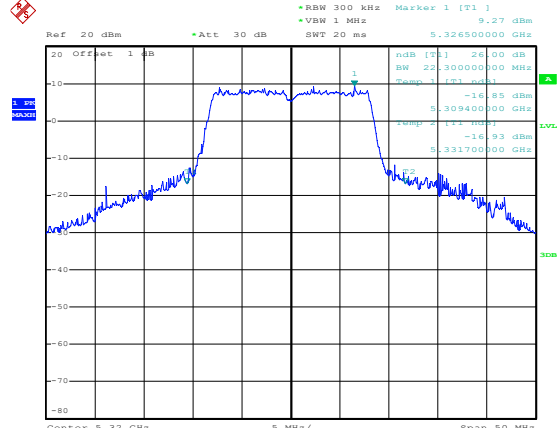
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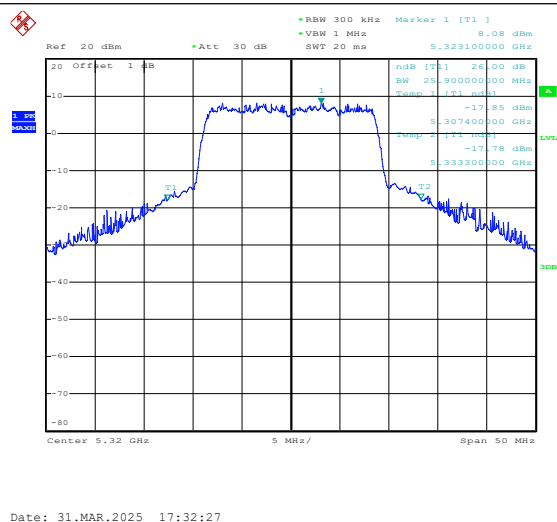
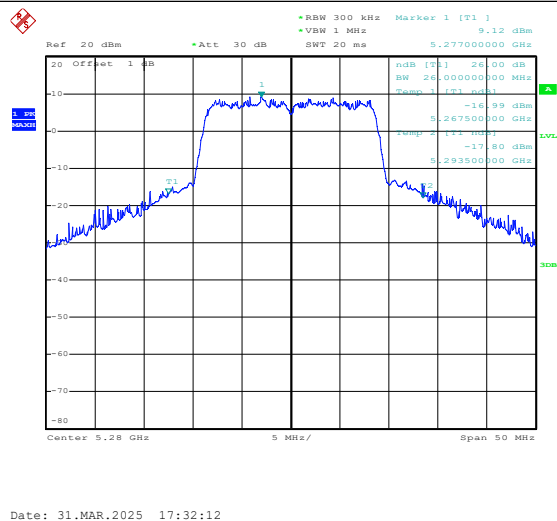
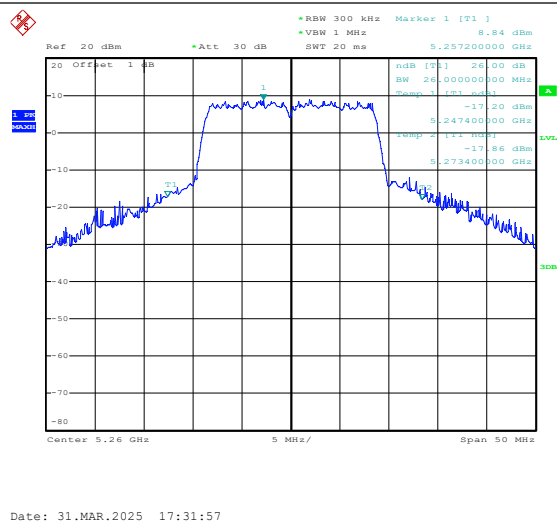


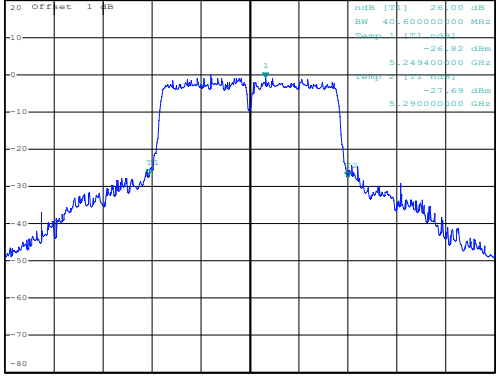
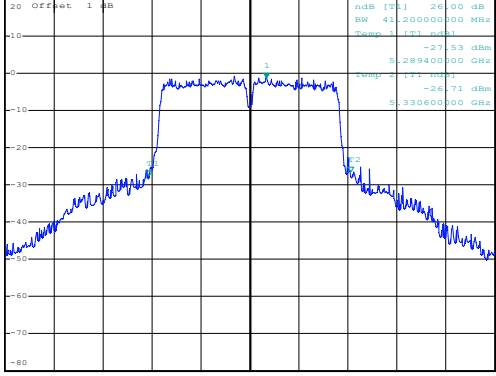
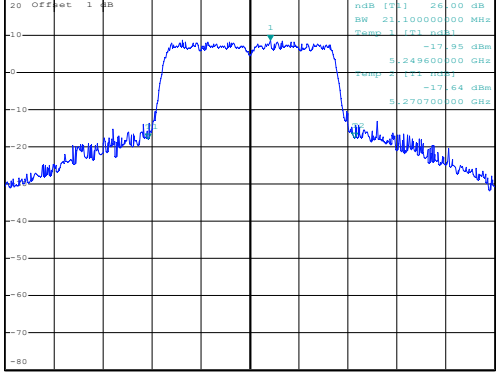
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[illegible]

5250-5350MHz

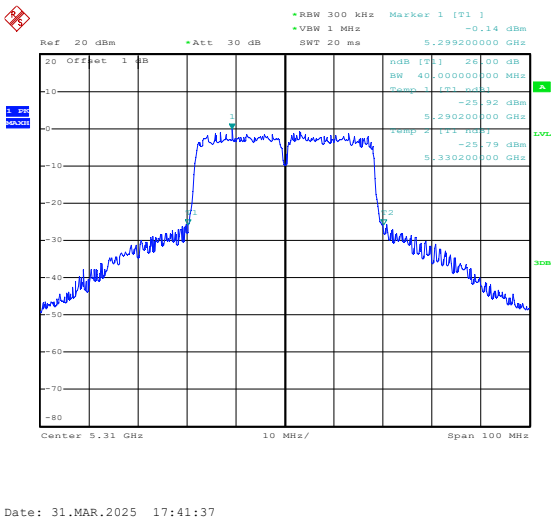
802.11a-Low	 Date: 31.MAR.2025 17:26:25
802.11a-Middle	 Date: 31.MAR.2025 17:26:52
802.11a-High	 Date: 31.MAR.2025 17:27:14



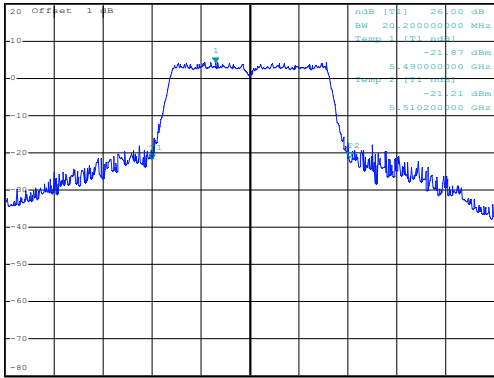
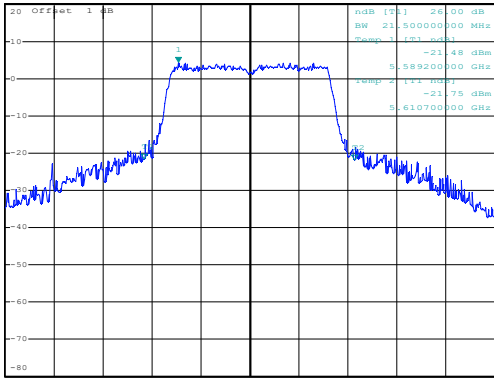
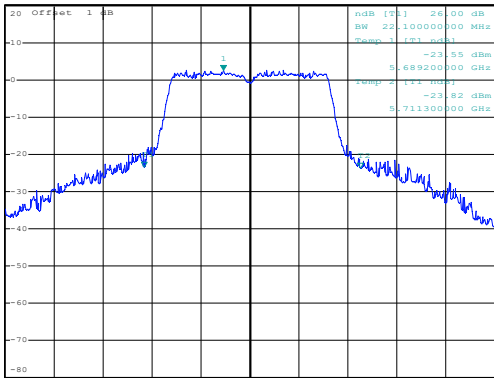
802.11n-HT40-Low	Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz Marker 1 [T1] VBW 1 MHz -0.88 dBm 5.273200000 GHz  ndB [T1] 26.00 dB SW 40.60000000 MHz Temp 1 [T1] ndB -26.82 dBm 5.249400000 GHz -27.69 dBm 5.290000000 GHz Center 5.27 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 17:35:15
802.11n-HT40-High	Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz Marker 1 [T1] VBW 1 MHz -1.28 dBm 5.313400000 GHz  ndB [T1] 26.00 dB SW 41.20000000 MHz Temp 1 [T1] ndB -27.53 dBm 5.289400000 GHz -28.71 dBm 5.330600000 GHz Center 5.31 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 17:35:36
802.11ac-VHT20-Low	Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz Marker 1 [T1] VBW 1 MHz 8.58 dBm 5.262100000 GHz  ndB [T1] 26.00 dB SW 21.10000000 MHz Temp 1 [T1] ndB -17.95 dBm 5.249600000 GHz -17.64 dBm 5.270700000 GHz Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:38:39

[illegible]

802.11ac-VHT40-High



5470-5725MHz

802.11a-Low	 Ref: 20 dBm *Att: 30 dB RBW 300 kHz Marker 1 [T1] 4.18 dBm VBW 1 MHz 5.496500000 GHz SWT 20 ms ndB [T1] 26.00 dB BW 20.200000000 MHz Sweep 1 [T1] dBm -21.87 dBm 5.496500000 GHz -21.21 dBm 5.510200000 GHz Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:51:18
802.11a-Middle	 Ref: 20 dBm *Att: 30 dB RBW 300 kHz Marker 1 [T1] 4.43 dBm VBW 1 MHz 5.589200000 GHz SWT 20 ms ndB [T1] 26.00 dB BW 21.500000000 MHz Sweep 1 [T1] dBm -21.48 dBm 5.589200000 GHz -21.75 dBm 5.610700000 GHz Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:51:37
802.11a-High	 Ref: 20 dBm *Att: 30 dB RBW 300 kHz Marker 1 [T1] 2.63 dBm VBW 1 MHz 5.697300000 GHz SWT 20 ms ndB [T1] 26.00 dB BW 22.100000000 MHz Sweep 1 [T1] dBm -23.55 dBm 5.697300000 GHz -23.82 dBm 5.711300000 GHz Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:51:59

802.11n-HT20-Low

This spectrum plot shows the power spectral density for the 802.11n-HT20-Low channel. The center frequency is 5.49725 GHz. The plot displays a blue line representing the signal spectrum, with a peak level of approximately -21.07 dBm. The noise floor is around -21.07 dBm. The plot includes a grid and various measurement parameters such as Ref 20 dBm, Att 30 dB, and Span 50 MHz.

802.11n-HT20-Middle

This spectrum plot shows the power spectral density for the 802.11n-HT20-Middle channel. The center frequency is 5.60680 GHz. The plot displays a blue line representing the signal spectrum, with a peak level of approximately -21.59 dBm. The noise floor is around -21.72 dBm. The plot includes a grid and various measurement parameters such as Ref 20 dBm, Att 30 dB, and Span 50 MHz.

802.11n-HT20-High

This spectrum plot shows the power spectral density for the 802.11n-HT20-High channel. The center frequency is 5.69710 GHz. The plot displays a blue line representing the signal spectrum, with a peak level of approximately -22.24 dBm. The noise floor is around -22.34 dBm. The plot includes a grid and various measurement parameters such as Ref 20 dBm, Att 30 dB, and Span 50 MHz.

802.11n-HT40-Low

Ref: 20 dBm, Att: 30 dB, VBW: 1 MHz, SWT: 20 ms, Marker 1 [T1]: -0.68 dBm, 5.51500000 GHz

20 Offset 1 dB, nB [T1]: 26.90 dB, BW: 40.40000000 MHz, Temp: 1 [T1] dBm, -26.73 dBm, 5.48940000 GHz, Temp: 2 [T2] dBm, -27.55 dBm, 5.52980000 GHz

Center: 5.51 GHz, 10 MHz/, Span: 100 MHz

802.11n-HT40-Middle

Ref: 20 dBm, Att: 30 dB, VBW: 1 MHz, SWT: 20 ms, Marker 1 [T1]: -0.23 dBm, 5.59600000 GHz

20 Offset 1 dB, nB [T1]: 26.90 dB, BW: 40.20000000 MHz, Temp: 1 [T1] dBm, -26.14 dBm, 5.56960000 GHz, Temp: 2 [T2] dBm, -27.57 dBm, 5.60980000 GHz

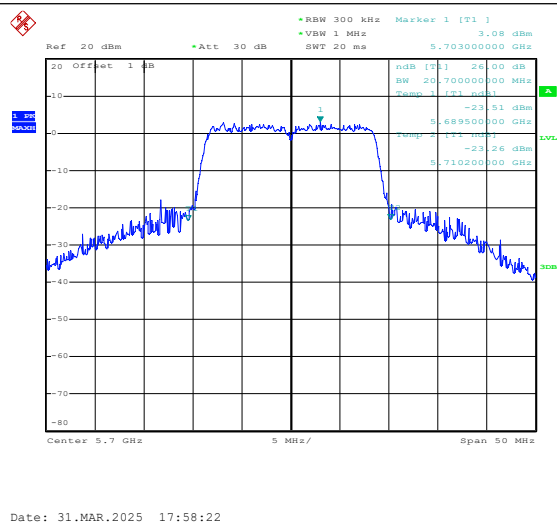
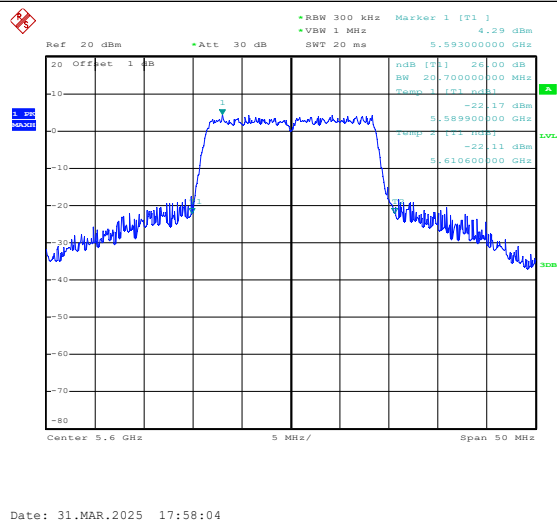
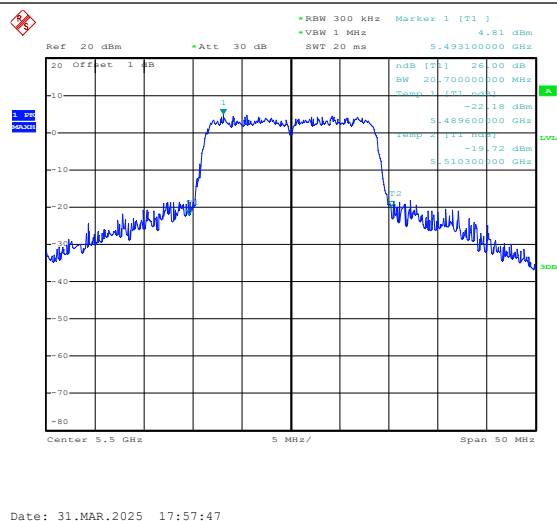
Center: 5.59 GHz, 10 MHz/, Span: 100 MHz

802.11n-HT40-High

Ref: 20 dBm, Att: 30 dB, VBW: 1 MHz, SWT: 20 ms, Marker 1 [T1]: -1.85 dBm, 5.67300000 GHz

20 Offset 1 dB, nB [T1]: 26.90 dB, BW: 40.40000000 MHz, Temp: 1 [T1] dBm, -28.33 dBm, 5.64940000 GHz, Temp: 2 [T2] dBm, -27.82 dBm, 5.68980000 GHz

Center: 5.67 GHz, 10 MHz/, Span: 100 MHz



802.11ac-VHT40-Low

Ref: 20 dBm *Att: 30 dB *RBW 300 kHz Marker 1 [T1] ~0.24 dBm
*VBW 1 MHz SWT 20 ms 5.514600000 GHz

20 Offset 1 dB
-10
-20
-30
-40
-50
-60
-70
-80

Center 5.51 GHz 10 MHz/ Span 100 MHz

Marker 1 [T1] 26.90 dB
BW 40.00000000 MHz
Temp 1 [X1 dBm] -26.76 dBm
5.490200000 GHz
Temp 2 [X2 dBm] -27.44 dBm
5.530200000 GHz

802.11ac-VHT40-Middle

Ref: 20 dBm *Att: 30 dB *RBW 300 kHz Marker 1 [T1] ~0.48 dBm
*VBW 1 MHz SWT 20 ms 5.586600000 GHz

20 Offset 1 dB
-10
-20
-30
-40
-50
-60
-70
-80

Center 5.59 GHz 10 MHz/ Span 100 MHz

Marker 1 [T1] 26.90 dB
BW 40.00000000 MHz
Temp 1 [X1 dBm] -25.76 dBm
5.570200000 GHz
Temp 2 [X2 dBm] -26.06 dBm
5.610200000 GHz

802.11ac-VHT40-High

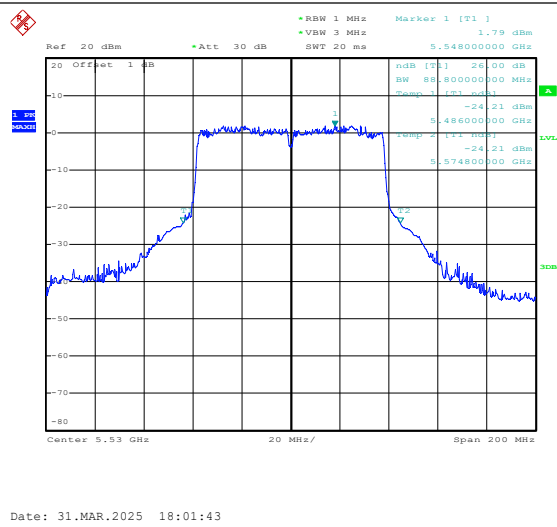
Ref: 20 dBm *Att: 30 dB *RBW 300 kHz Marker 1 [T1] ~2.56 dBm
*VBW 1 MHz SWT 20 ms 5.673600000 GHz

20 Offset 1 dB
-10
-20
-30
-40
-50
-60
-70
-80

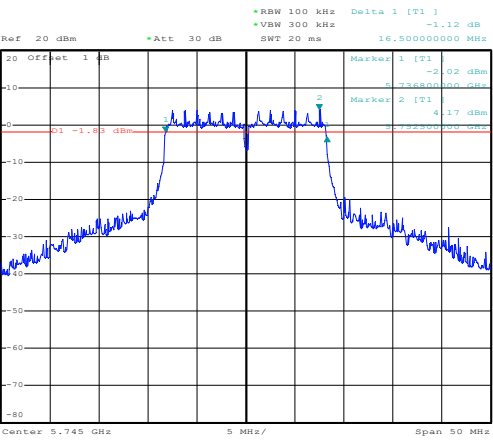
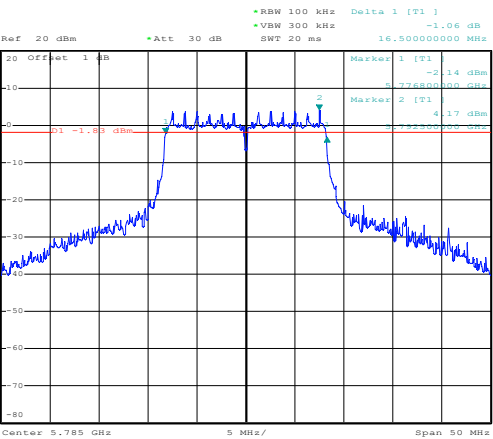
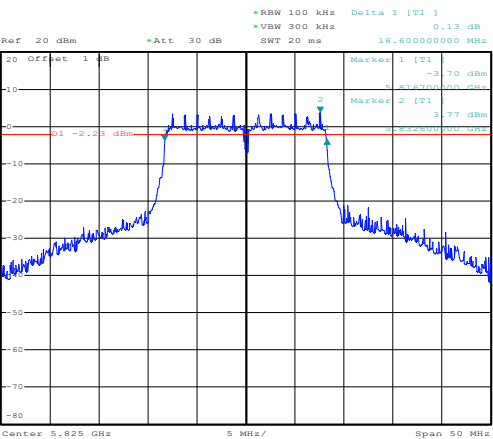
Center 5.67 GHz 10 MHz/ Span 100 MHz

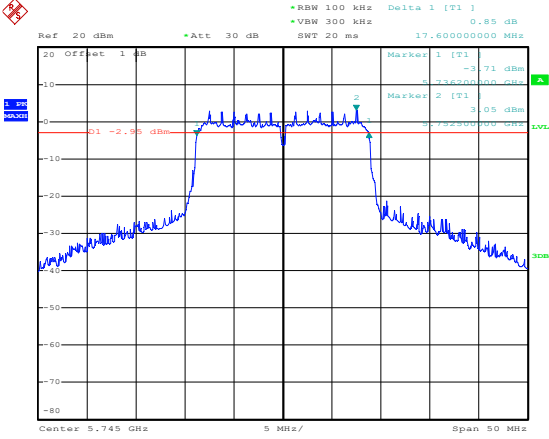
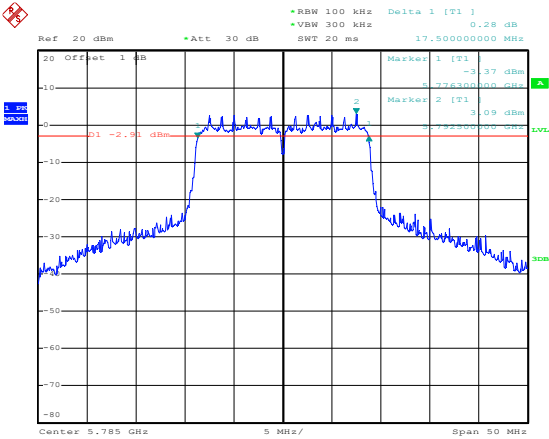
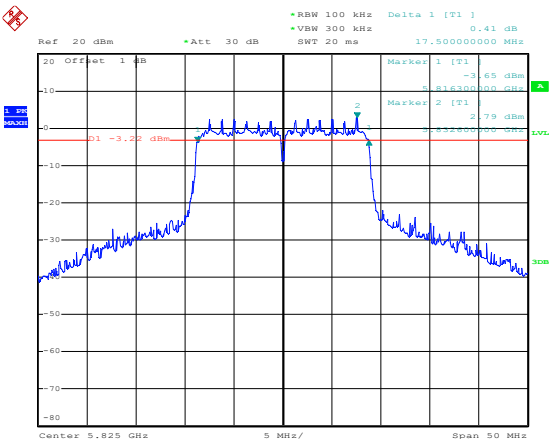
Marker 1 [T1] 26.90 dB
BW 40.00000000 MHz
Temp 1 [X1 dBm] -28.61 dBm
5.649800000 GHz
Temp 2 [X2 dBm] -29.07 dBm
5.690200000 GHz

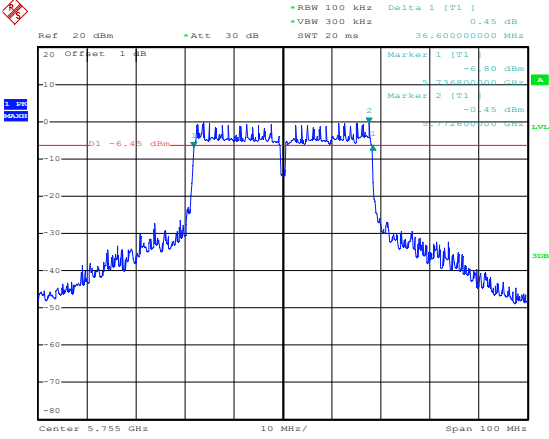
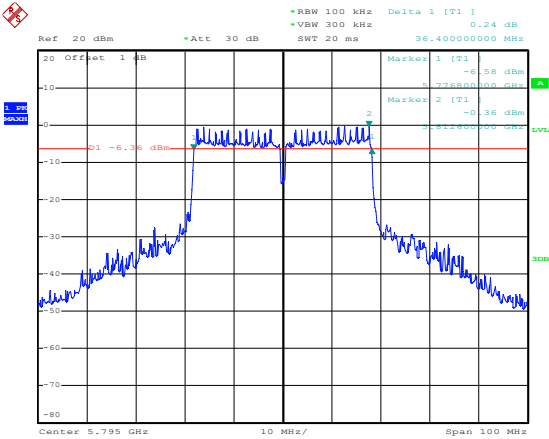
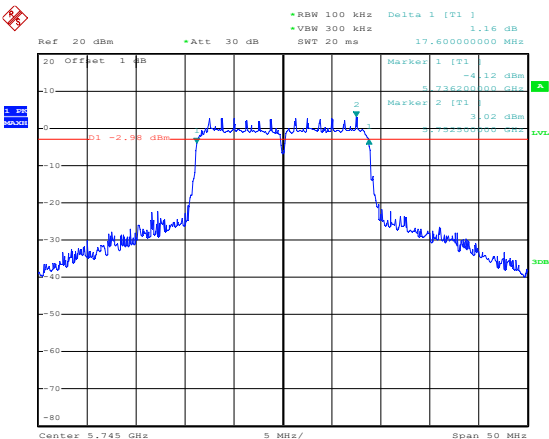
802.11ac-VHT80-Low



6 dB Bandwidth MHz
5725-5850MHz

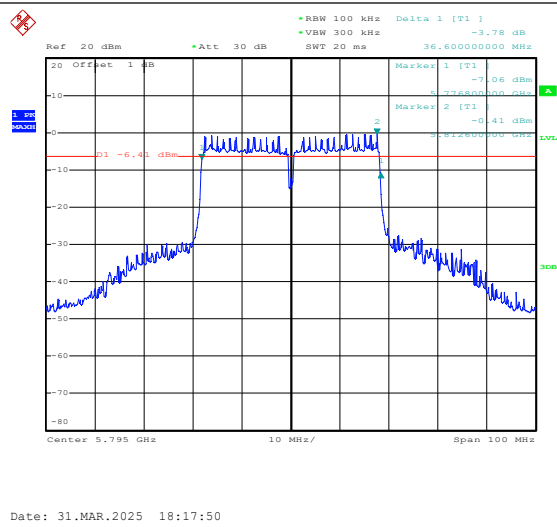
802.11a-Low	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] -1.12 dB VBW 300 kHz SWT 20 ms 16.50000000 MHz Marker 1 [T1] -1.02 dBm Marker 2 [T1] -2.02 dBm Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:08:37
802.11a-Middle	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] -1.06 dB VBW 300 kHz SWT 20 ms 16.50000000 MHz Marker 1 [T1] -1.14 dBm Marker 2 [T1] -2.14 dBm Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:09:14
802.11a-High	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] -0.13 dB VBW 300 kHz SWT 20 ms 16.60000000 MHz Marker 1 [T1] -1.70 dBm Marker 2 [T1] -2.70 dBm Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:09:57

802.11n-HT20-Low	 Ref 20 dBm *Att 30 dB SWT 20 ms 17.50000000 MHz Marker 1 [T1] -3.71 dBm Marker 2 [T1] -103.71 dBm Delta 1 [T1] 100.00 dB Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:10:43
802.11n-HT20-Middle	 Ref 20 dBm *Att 30 dB SWT 20 ms 17.50000000 MHz Marker 1 [T1] -3.37 dBm Marker 2 [T1] -103.37 dBm Delta 1 [T1] 100.00 dB Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:11:26
802.11n-HT20-High	 Ref 20 dBm *Att 30 dB SWT 20 ms 17.50000000 MHz Marker 1 [T1] -3.65 dBm Marker 2 [T1] -103.65 dBm Delta 1 [T1] 100.00 dB Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:12:04

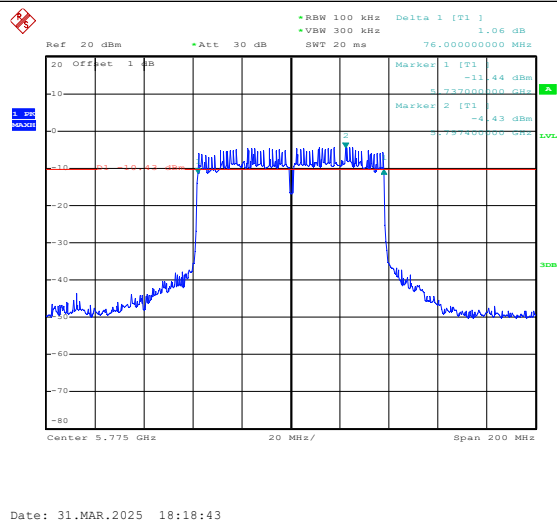
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 0.45 dB VSW 300 kHz SWT 20 ms 36.60000000 MHz Marker 1 [T1] -6.50 dBm 5.75500000 GHz Marker 2 [T1] -0.45 dBm 5.75500000 GHz D1 -6.45 dBm Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 18:12:52
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 0.24 dB VSW 300 kHz SWT 20 ms 36.40000000 MHz Marker 1 [T1] -6.58 dBm 5.79500000 GHz Marker 2 [T1] -0.36 dBm 5.79500000 GHz D1 -6.38 dBm Center 5.795 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 18:13:34
802.11ac-VHT20-Low	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 1.16 dB VSW 300 kHz SWT 20 ms 17.60000000 MHz Marker 1 [T1] -4.12 dBm 5.74500000 GHz Marker 2 [T1] -2.02 dBm 5.74500000 GHz D1 -2.98 dBm Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:14:37

[illegible]

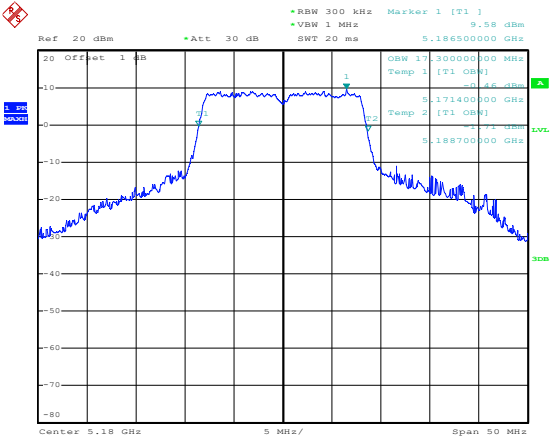
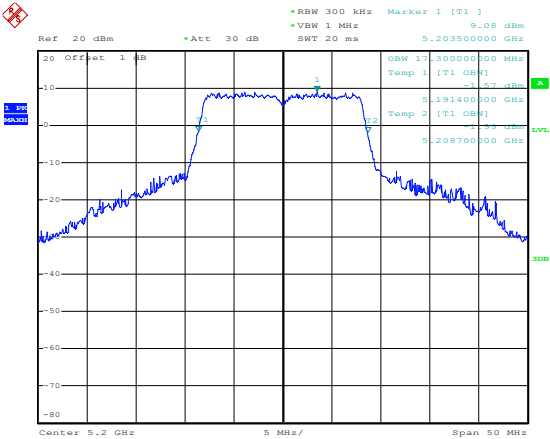
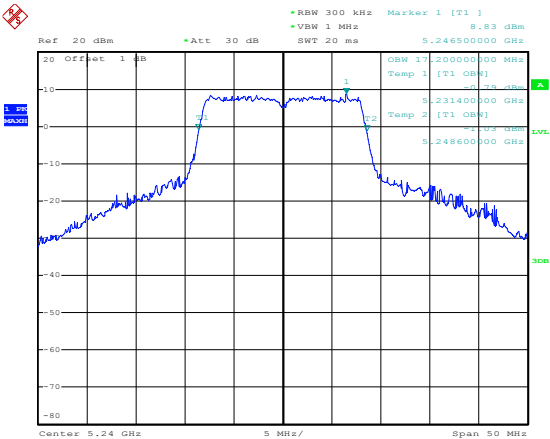
802.11ac-VHT40-High



802.11ac-VHT80-Low



99% Bandwidth MHz
5150-5250MHz

802.11a-Low	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 9.58 dBm VSW 1 MHz SWT 20 ms 5.18550000 GHz OSW 17.30000000 MHz Temp 1 [T1 OBW] 9.08 dBm Temp 2 [T1 OBW] 9.08 dBm 5.17140000 GHz 5.17140000 GHz 5.18870000 GHz 5.18870000 GHz Center 5.18 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:06:46
802.11a-Middle	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 9.08 dBm VSW 1 MHz SWT 20 ms 5.20350000 GHz OSW 17.30000000 MHz Temp 1 [T1 OBW] 9.08 dBm Temp 2 [T1 OBW] 9.08 dBm 5.19140000 GHz 5.19140000 GHz 5.20870000 GHz 5.20870000 GHz Center 5.2 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:07:11
802.11a-High	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 8.83 dBm VSW 1 MHz SWT 20 ms 5.24650000 GHz OSW 17.30000000 MHz Temp 1 [T1 OBW] 8.83 dBm Temp 2 [T1 OBW] 8.83 dBm 5.23140000 GHz 5.23140000 GHz 5.24860000 GHz 5.24860000 GHz Center 5.24 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:07:44

802.11n-HT20-Low

Ref 20 dBm

+Att 30 dB

RBW 300 kHz

VBW 1 MHz

Marker 1 [T1]

SWT 20 ms

9.54 dBm

5.17700000 GHz

20 Offset 1 dB

-10

0

-10

-20

-40

-60

-80

Center 5.18 GHz

5 MHz/

Span 50 MHz

OBW 18.10000000 MHz

Temp 1 [T1 OBW]

Temp 2 [T1 OBW]

5.17100000 GHz

5.17100000 GHz

5.18910000 GHz

5.18910000 GHz

LVL

3dB

Date: 31.MAR.2025 17:08:15

802.11n-HT20-Middle

Ref 20 dBm

+Att 30 dB

RBW 300 kHz

VBW 1 MHz

Marker 1 [T1]

SWT 20 ms

9.16 dBm

5.19710000 GHz

20 Offset 1 dB

-10

0

-10

-20

-40

-60

-80

Center 5.2 GHz

5 MHz/

Span 50 MHz

OBW 18.10000000 MHz

Temp 1 [T1 OBW]

Temp 2 [T1 OBW]

5.19100000 GHz

5.19100000 GHz

5.20910000 GHz

5.20910000 GHz

LVL

3dB

Date: 31.MAR.2025 17:08:41

802.11n-HT20-High

Ref 20 dBm

+Att 30 dB

RBW 300 kHz

VBW 1 MHz

Marker 1 [T1]

SWT 20 ms

8.48 dBm

5.23710000 GHz

20 Offset 1 dB

-10

0

-10

-20

-40

-60

-80

Center 5.24 GHz

5 MHz/

Span 50 MHz

OBW 18.00000000 MHz

Temp 1 [T1 OBW]

Temp 2 [T1 OBW]

5.23100000 GHz

5.23100000 GHz

5.24900000 GHz

5.24900000 GHz

LVL

3dB

Date: 31.MAR.2025 17:08:59

802.11n-HT40-Low

Ref: 20 dBm, Att: 30 dB, RBW: 1 MHz, VBW: 3 MHz, SWT: 20 ms, Marker 1 [T1]: 5.19560000 GHz, 5.61 dBm

Center: 5.19 GHz, 10 MHz/ Span: 100 MHz

802.11n-HT40-High

Ref: 20 dBm, Att: 30 dB, RBW: 1 MHz, VBW: 3 MHz, SWT: 20 ms, Marker 1 [T1]: 5.23540000 GHz, 5.21 dBm

Center: 5.23 GHz, 10 MHz/ Span: 100 MHz

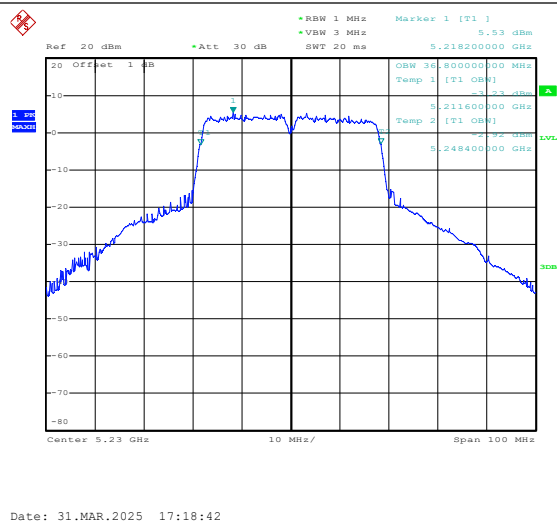
802.11ac-VHT20-Low

Ref: 20 dBm, Att: 30 dB, RBW: 300 kHz, VBW: 1 MHz, SWT: 20 ms, Marker 1 [T1]: 5.18310000 GHz, 8.98 dBm

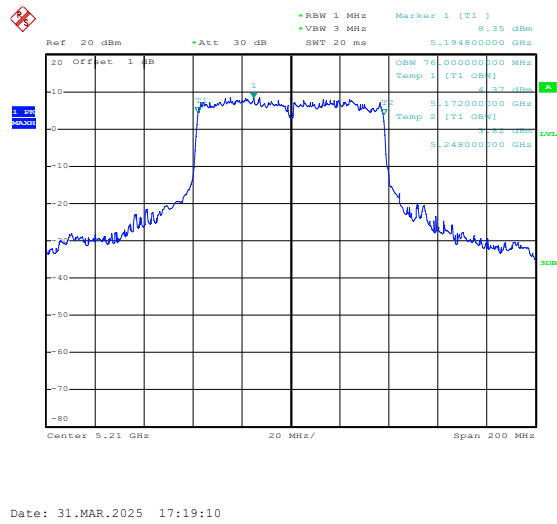
Center: 5.18 GHz, 5 MHz/ Span: 50 MHz

[illegible]

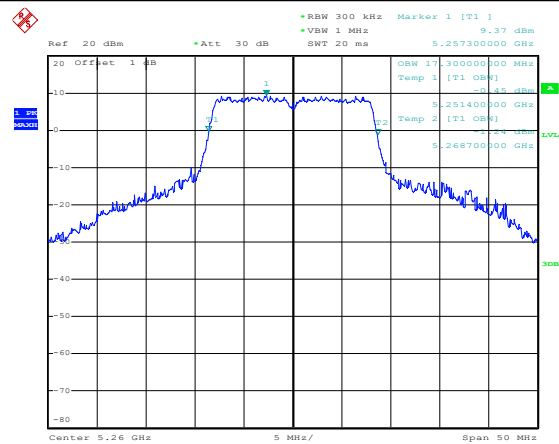
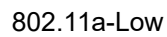
802.11ac-VHT40-High



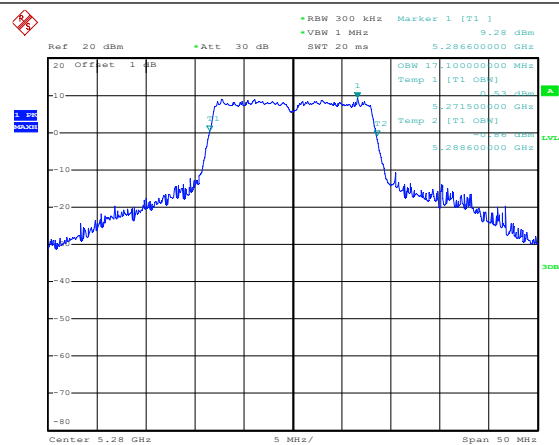
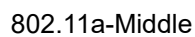
802.11ac-VHT80-Low



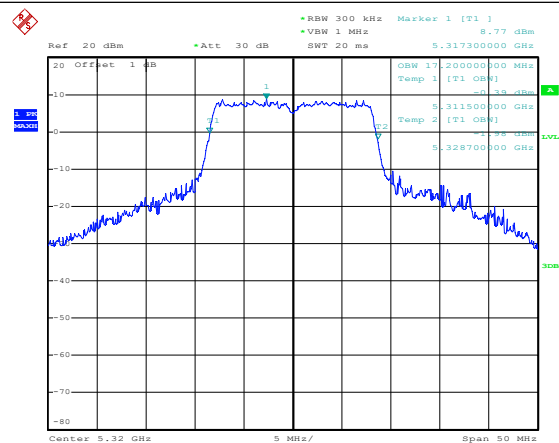
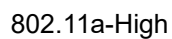
5250-5350MHz



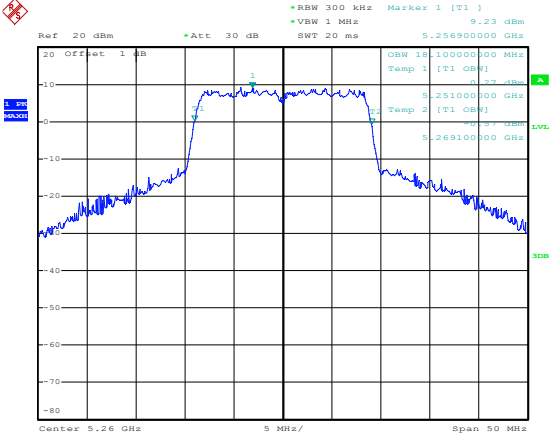
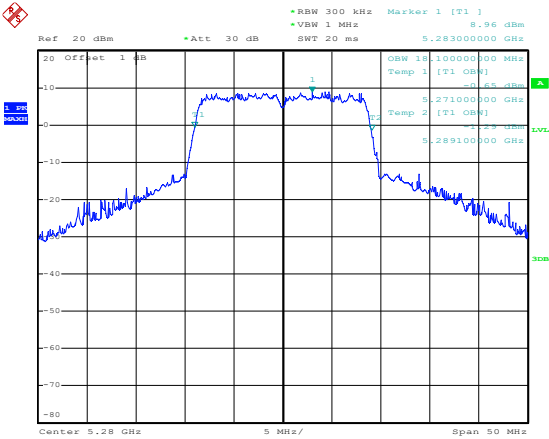
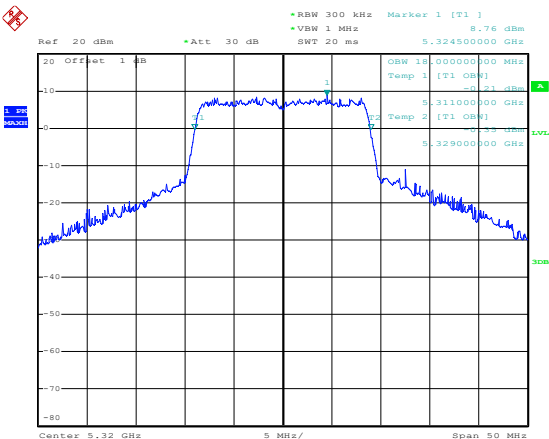
Date: 31.MAR.2025 17:27:56

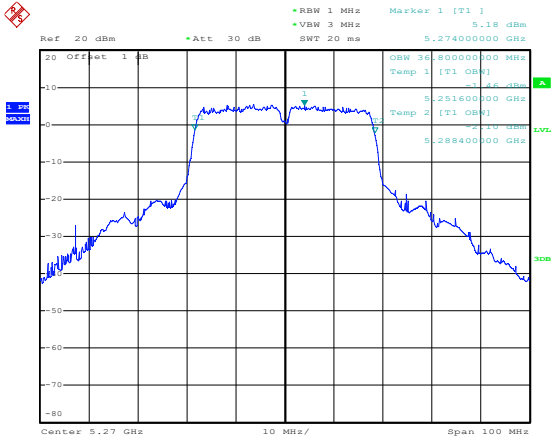
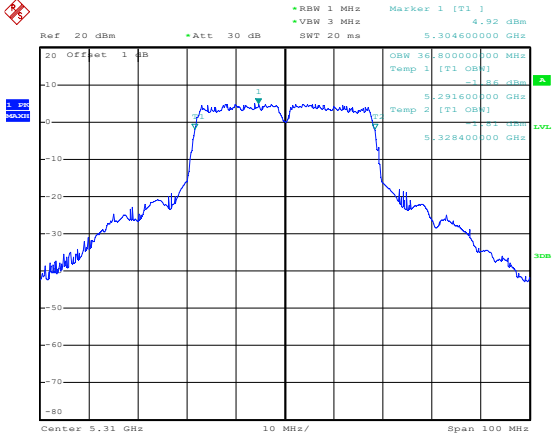
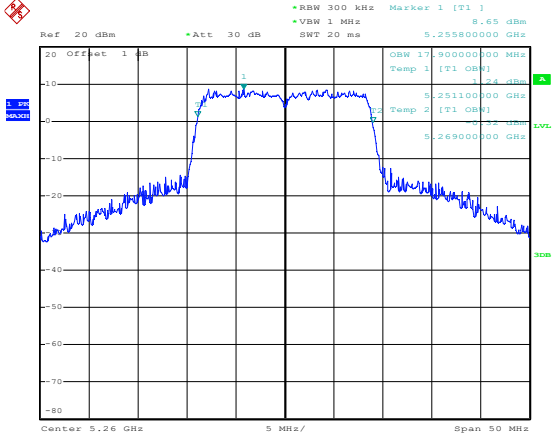


Date: 31.MAR.2025 17:28:12



Date: 31.MAR.2025 17:28:38

802.11n-HT20-Low	 Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz Marker 1 [T1] 9.33 dBm VBW 1 MHz 5.256900000 GHz OSW 18.100000000 MHz Temp 1 [T1] 0.27 dBm Temp 2 [T1] 0.27 dBm 5.251000000 GHz 5.257000000 GHz 5.269100000 GHz Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:29:35
802.11n-HT20-Middle	 Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz Marker 1 [T1] 8.96 dBm VBW 1 MHz 5.283000000 GHz OSW 18.100000000 MHz Temp 1 [T1] 0.65 dBm Temp 2 [T1] 0.65 dBm 5.271000000 GHz 5.279000000 GHz 5.289100000 GHz Center 5.28 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:29:54
802.11n-HT20-High	 Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz Marker 1 [T1] 8.76 dBm VBW 1 MHz 5.324500000 GHz OSW 18.000000000 MHz Temp 1 [T1] 0.21 dBm Temp 2 [T1] 0.21 dBm 5.311000000 GHz 5.319000000 GHz 5.329000000 GHz Center 5.32 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:30:12

802.11n-HT40-Low	 Date: 31.MAR.2025 17:37:26
802.11n-HT40-High	 Date: 31.MAR.2025 17:37:46
802.11ac-VHT20-Low	 Date: 31.MAR.2025 17:39:44

[illegible]

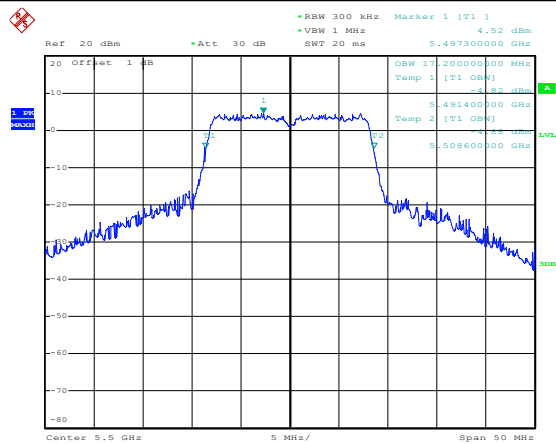
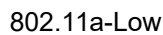
802.11ac-VHT40-High

This spectrum plot shows the frequency response of the 802.11ac-VHT40-High channel. The x-axis represents frequency from 5.28 GHz to 5.34 GHz, centered at 5.31 GHz with a 10 MHz span. The y-axis represents power in dBm, ranging from -80 to 20. A blue line shows the signal spectrum, which is a rectangular pulse with a bandwidth of approximately 40 MHz. The peak power is approximately -5 dBm. The plot includes a reference level of 20 dBm, an attenuation of 30 dB, and a noise floor of -80 dBm. The plot also shows the channel's center frequency, span, and various parameters such as RBW, VBW, and SWT.

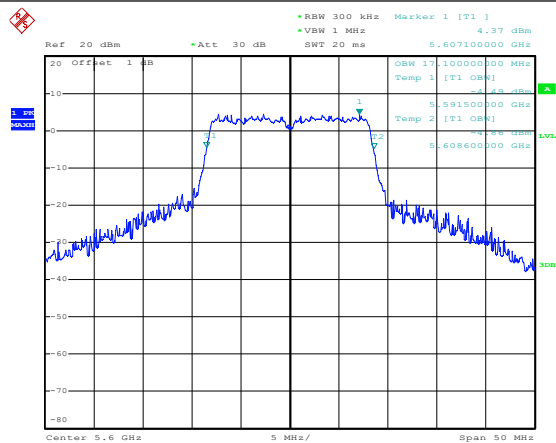
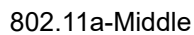
802.11ac-VHT80-Low

This spectrum plot shows the frequency response of the 802.11ac-VHT80-Low channel. The x-axis represents frequency from 5.27 GHz to 5.31 GHz, centered at 5.29 GHz with a 20 MHz span. The y-axis represents power in dBm, ranging from -80 to 20. A blue line shows the signal spectrum, which is a rectangular pulse with a bandwidth of approximately 80 MHz. The peak power is approximately -5 dBm. The plot includes a reference level of 20 dBm, an attenuation of 30 dB, and a noise floor of -80 dBm. The plot also shows the channel's center frequency, span, and various parameters such as RBW, VBW, and SWT.

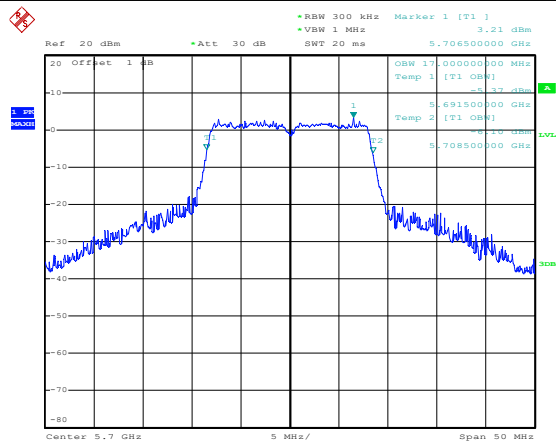
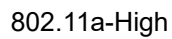
5470-5725MHz



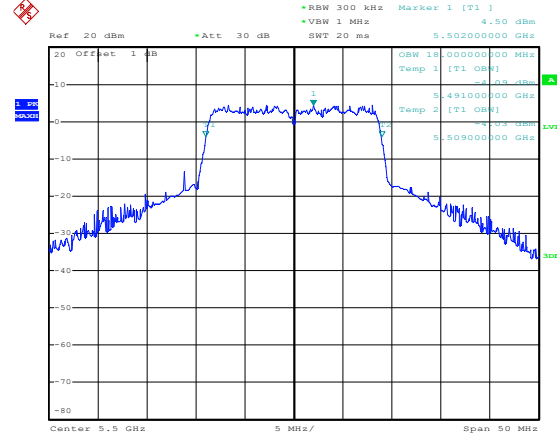
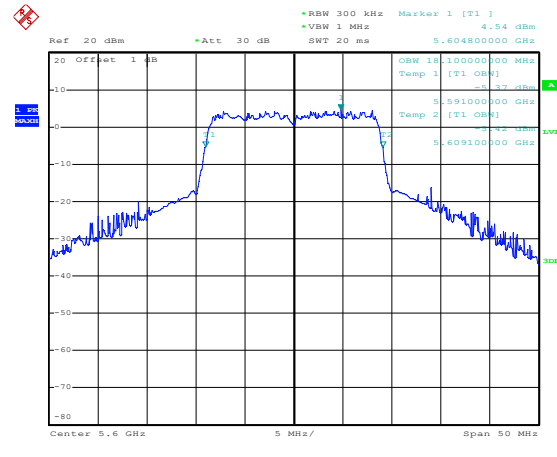
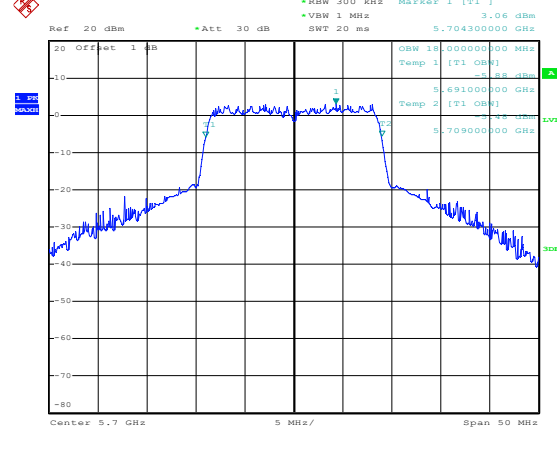
Date: 31.MAR.2025 17:52:32

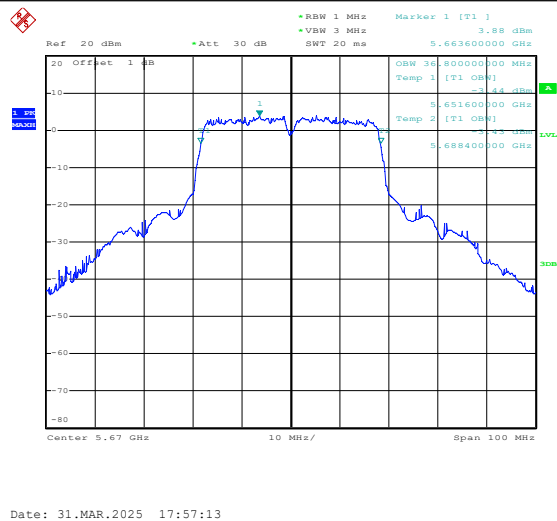
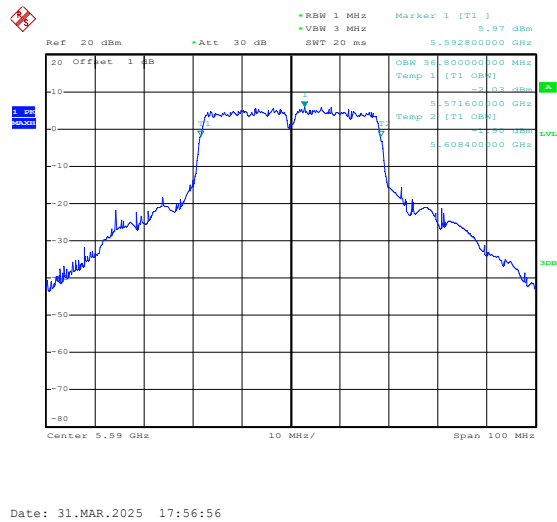
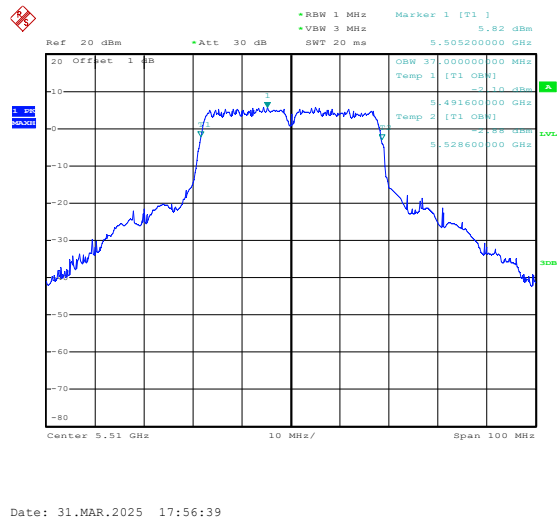


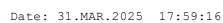
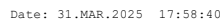
Date: 31.MAR.2025 17:52:46



Date: 31.MAR.2025 17:53:01

Channel	Plot	Ref	Att	SWT	Marker	OBW	Temp 1	Temp 2	Center	Span	Date
802.11n-HT20-Low		20 dBm	30 dB	20 ms	1 [T1]	5.50200000 GHz	4.50 dBm	5.49100000 GHz	5.5 GHz	50 MHz	31.MAR.2025 17:54:21
802.11n-HT20-Middle		20 dBm	30 dB	20 ms	1 [T1]	5.60480000 GHz	4.54 dBm	5.59100000 GHz	5.6 GHz	50 MHz	31.MAR.2025 17:54:36
802.11n-HT20-High		20 dBm	30 dB	20 ms	1 [T1]	5.70430000 GHz	3.06 dBm	5.69100000 GHz	5.7 GHz	50 MHz	31.MAR.2025 17:54:52





[illegible]

802.11ac-VHT80-Low

Ref: 20 dBm *Att: 30 dB
RBW: 1 MHz VBW: 3 MHz SWT: 20 ms
Marker 1 [T1] 5.51600000 GHz 2.37 dBm
Temp 1 [T1 BW] -2.38 dBm
Temp 2 [T1 BW] -2.76 dBm
5.56800000 GHz

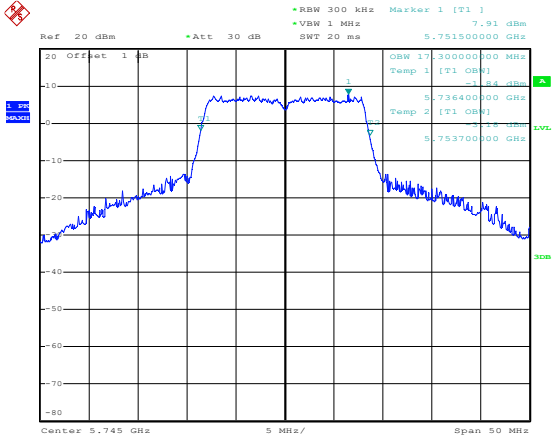
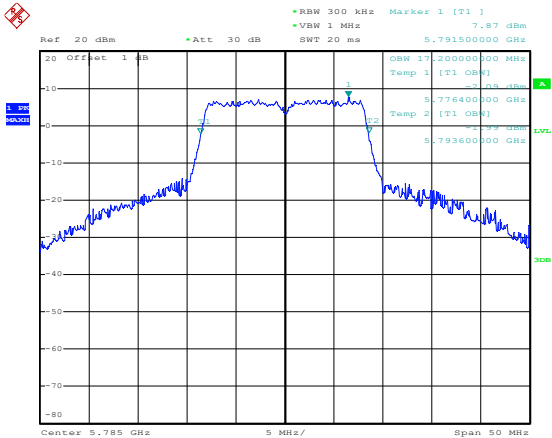
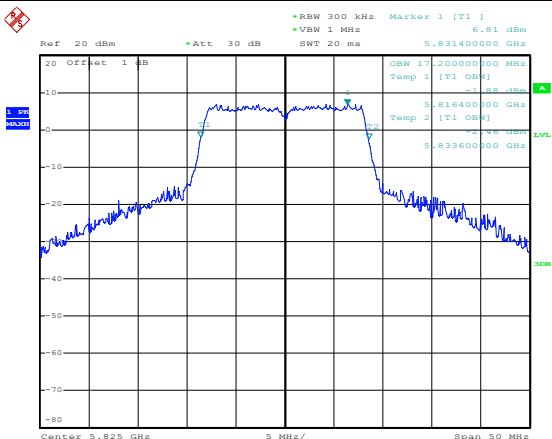
Center: 5.53 GHz 20 MHz/ Span: 200 MHz

802.11ac-VHT80-High

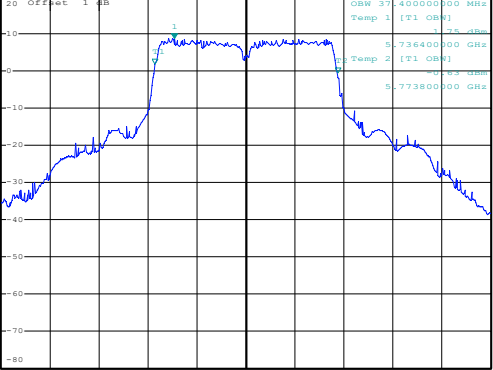
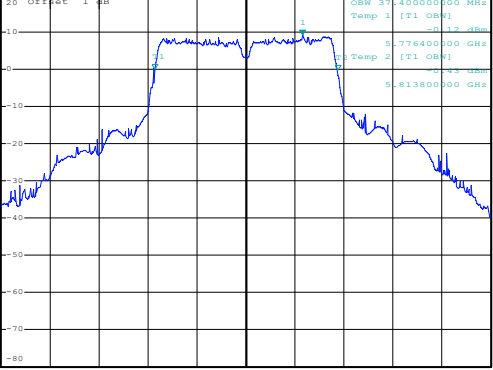
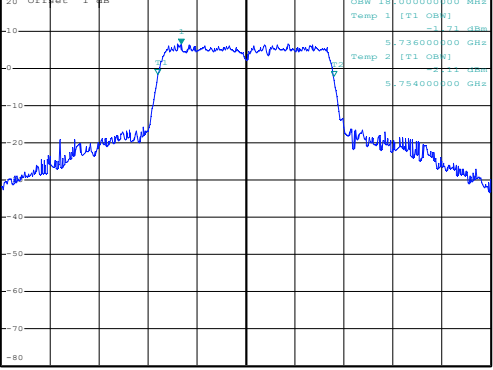
Ref: 20 dBm *Att: 30 dB
RBW: 1 MHz VBW: 3 MHz SWT: 20 ms
Marker 1 [T1] 5.58400000 GHz 2.80 dBm
Temp 1 [T1 BW] -2.14 dBm
Temp 2 [T1 BW] -2.14 dBm
5.64800000 GHz

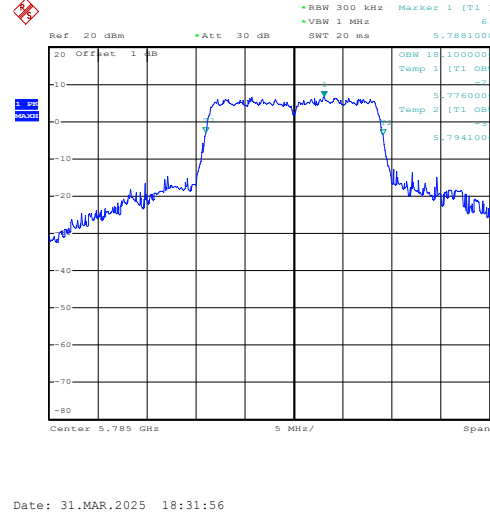
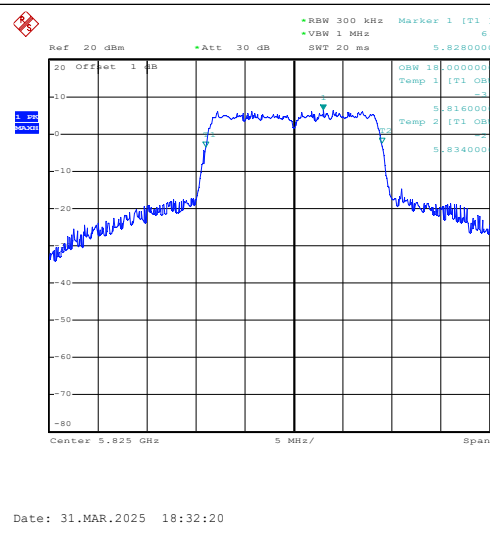
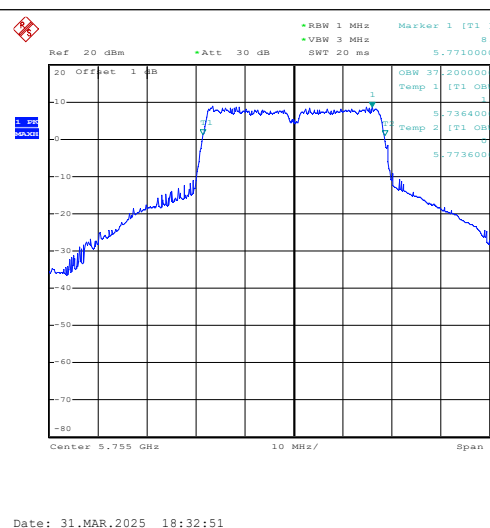
Center: 5.61 GHz 20 MHz/ Span: 200 MHz

5725-5850MHz

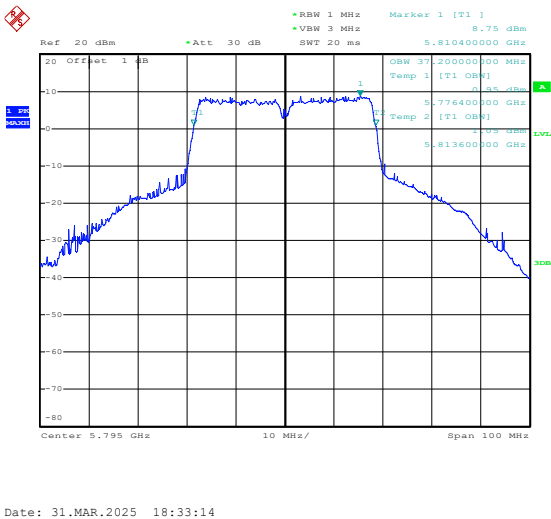
802.11a-Low	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 7.91 dBm VSW 1 MHz 5.75150000 GHz SWR 20 ms OSW 17.30000000 MHz Temp 1 [T1 OBW] -1.88 dBm 5.73640000 GHz Temp 2 [T1 OBW] -1.88 dBm 5.75370000 GHz Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:27:33
802.11a-Middle	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 7.87 dBm VSW 1 MHz 5.78500000 GHz SWR 20 ms OSW 17.20000000 MHz Temp 1 [T1 OBW] -1.88 dBm 5.77640000 GHz Temp 2 [T1 OBW] -1.88 dBm 5.79360000 GHz Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:27:59
802.11a-High	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 6.81 dBm VSW 1 MHz 5.83340000 GHz SWR 20 ms OSW 17.20000000 MHz Temp 1 [T1 OBW] -1.88 dBm 5.81640000 GHz Temp 2 [T1 OBW] -1.88 dBm 5.83360000 GHz Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:28:24

802.11n-HT20-Low	Date: 31.MAR.2025 18:28:55
802.11n-HT20-Middle	Date: 31.MAR.2025 18:29:19
802.11n-HT20-High	Date: 31.MAR.2025 18:29:54

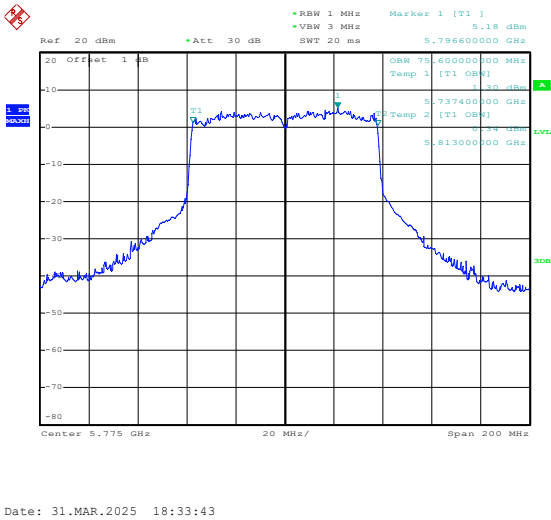
802.11n-HT40-Low	Ref 20 dBm RBW 1 MHz VBW 3 MHz SWT 20 ms Marker 1 [T1] 8.56 dBm 5.740400000 GHz 20 Offset 1 dB Att 30 dB OSW 37.400000000 MHz Temp 1 [T1 OSW] 1.25 dBm 5.736400000 GHz Temp 2 [T1 OSW] 0.00 dBm 5.773800000 GHz  Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 18:30:25
802.11n-HT40-High	Ref 20 dBm RBW 1 MHz VBW 3 MHz SWT 20 ms Marker 1 [T1] 8.99 dBm 5.806600000 GHz 20 Offset 1 dB Att 30 dB OSW 37.400000000 MHz Temp 1 [T1 OSW] 0.12 dBm 5.776400000 GHz Temp 2 [T1 OSW] 0.00 dBm 5.813800000 GHz  Center 5.795 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 18:30:46
802.11ac-VHT20-Low	Ref 20 dBm RBW 300 kHz VBW 1 MHz SWT 20 ms Marker 1 [T1] 6.41 dBm 5.738400000 GHz 20 Offset 1 dB Att 30 dB OSW 18.000000000 MHz Temp 1 [T1 OSW] 1.71 dBm 5.736000000 GHz Temp 2 [T1 OSW] 0.00 dBm 5.754000000 GHz  Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:31:20

802.11ac-VHT20-Middle		Date: 31.MAR.2025 18:31:56
802.11ac-VHT20-High		Date: 31.MAR.2025 18:32:20
802.11ac-VHT40-Low		Date: 31.MAR.2025 18:32:51

802.11ac-VHT40-High



802.11ac-VHT80-Low



APPENDIX C

Maximum Conducted Output Power

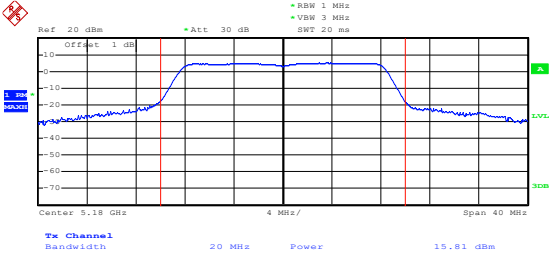
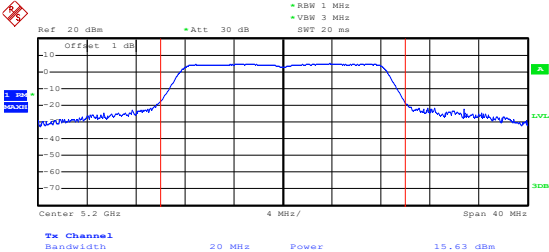
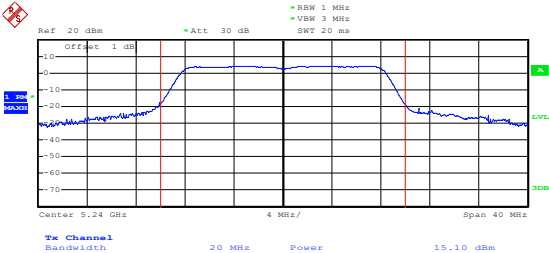
U-NII-1:5150-5250MHz			
Test mode	Frequency MHz	Output Power dBm	Limit dBm
802.11a	5180	15.81	23.98
	5200	15.63	23.98
	5240	15.10	23.98
802.11n-HT20	5180	14.67	23.98
	5200	14.48	23.98
	5240	13.97	23.98
802.11n-HT40	5190	13.96	23.98
	5230	13.56	23.98
802.11ac-VHT20	5180	14.61	23.98
	5200	14.45	23.98
	5240	13.90	23.98
802.11ac-VHT40	5190	13.85	23.98
	5230	13.39	23.98
802.11ac-VHT80	5210	12.48	23.98

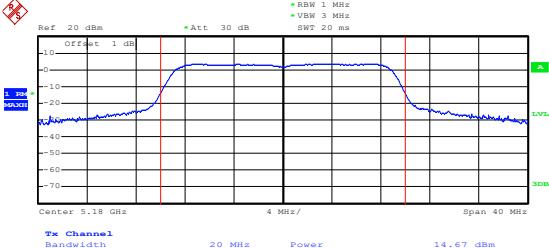
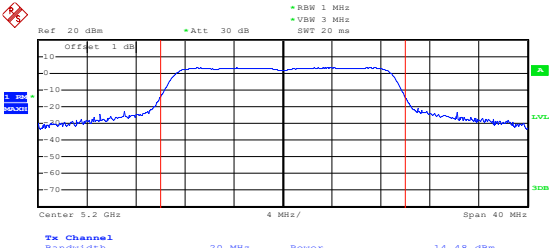
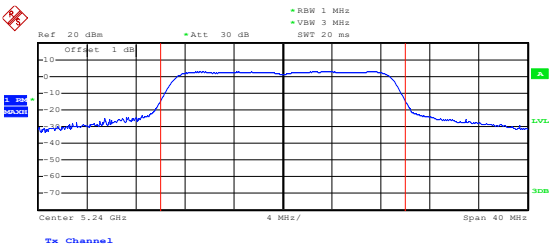
U-NII-2A: 5250-5350MHz			
Test mode	Frequency MHz	Output Power dBm	Limit dBm
802.11a	5260	15.57	23.98
	5280	15.42	23.98
	5320	15.05	23.98
802.11n-HT20	5260	14.54	23.98
	5280	14.34	23.98
	5320	14.04	23.98
802.11n-HT40	5270	13.98	23.98
	5310	13.62	23.98
802.11ac-VHT20	5260	14.52	23.98
	5280	14.34	23.98
	5320	14.05	23.98
802.11ac-VHT40	5270	13.95	23.98
	5310	13.52	23.98
802.11ac-VHT80	5290	12.44	23.98

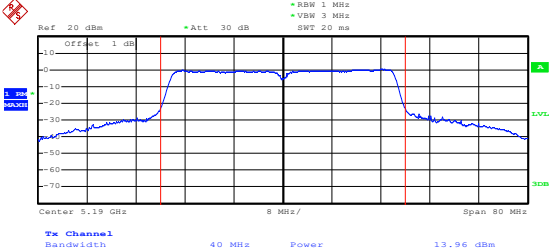
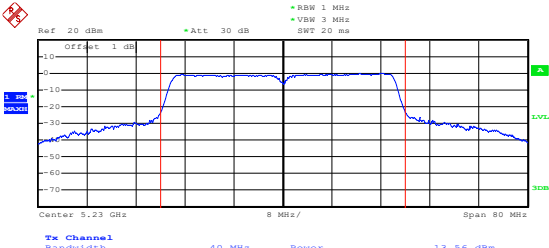
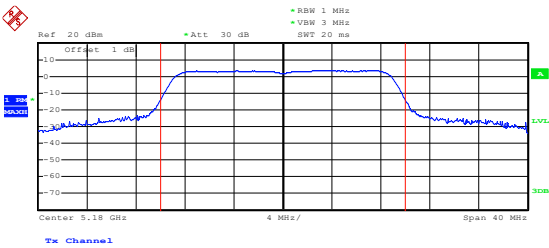
U-NII-2C: 5470-5725MHz			
Test mode	Frequency MHz	Output Power dBm	Limit dBm
802.11a	5500	16.08	23.98
	5580	15.78	23.98
	5700	15.23	23.98
802.11n-HT20	5500	14.91	23.98
	5580	14.76	23.98
	5700	14.25	23.98
802.11n-HT40	5510	13.30	23.98
	5550	13.24	23.98
	5670	13.65	23.98
802.11ac-VHT20	5500	14.85	23.98
	5580	14.76	23.98
	5700	14.21	23.98
802.11ac-VHT40	5510	13.19	23.98
	5550	13.19	23.98
	5670	13.65	23.98
802.11ac-VHT80	5530	12.78	23.98
	5610	12.91	23.98

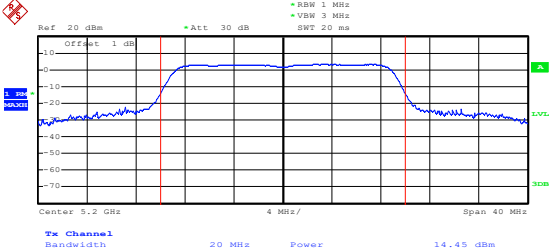
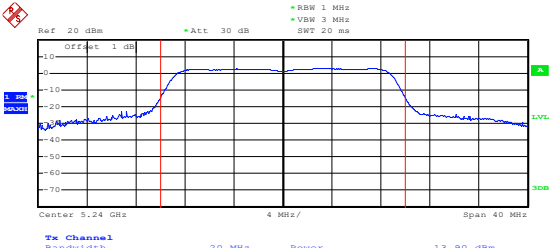
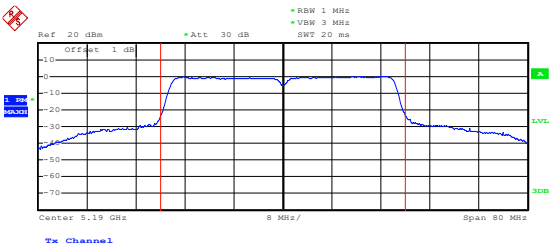
U-NII-3: 5725-5850MHz			
Test mode	Frequency MHz	Output Power dBm	Limit dBm
802.11a	5745	15.63	30.00
	5785	15.44	30.00
	5825	15.27	30.00
802.11n-HT20	5745	14.62	30.00
	5785	14.54	30.00
	5825	14.25	30.00
802.11n-HT40	5755	14.01	30.00
	5795	13.84	30.00
802.11ac-VHT20	5745	14.61	30.00
	5785	14.44	30.00
	5825	14.17	30.00
802.11ac-VHT40	5755	13.95	30.00
	5795	13.86	30.00
802.11ac-VHT80	5775	12.70	30.00

5150-5250MHz

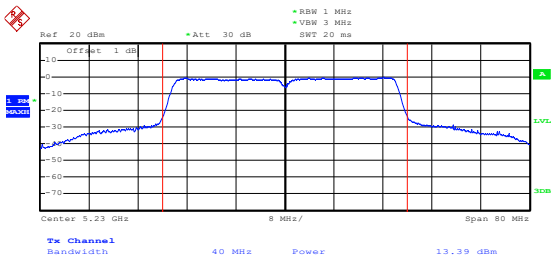
802.11a-Low	 Ref 20 dBm Att 30 dB RBW 1 MHz VBW 3 MHz SWT 20 ms Offset 1 dB Center 5.18 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 15.81 dBm Date: 31.MAR.2025 14:40:14
802.11a-Middle	 Ref 20 dBm Att 30 dB RBW 1 MHz VBW 3 MHz SWT 20 ms Offset 1 dB Center 5.2 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 15.63 dBm Date: 31.MAR.2025 14:41:08
802.11a-High	 Ref 20 dBm Att 30 dB RBW 1 MHz VBW 3 MHz SWT 20 ms Offset 1 dB Center 5.24 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 15.10 dBm Date: 31.MAR.2025 14:42:23

802.11n-HT20-Low	 Date: 31.MAR.2025 14:42:58
802.11n-HT20-Middle	 Date: 31.MAR.2025 14:43:43
802.11n-HT20-High	 Date: 31.MAR.2025 14:46:19

802.11n-HT40-Low	 Date: 31.MAR.2025 14:46:54
802.11n-HT40-High	 Date: 31.MAR.2025 14:47:57
802.11ac-VHT20-Low	 Date: 31.MAR.2025 14:49:00

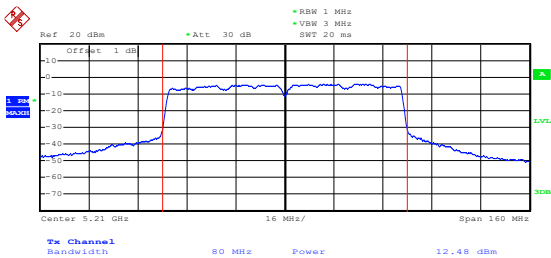
802.11ac-VHT20-Middle	 Date: 31.MAR.2025 14:50:13
802.11ac-VHT20-High	 Date: 31.MAR.2025 14:53:21
802.11ac-VHT40-Low	 Date: 31.MAR.2025 14:54:00

802.11ac-VHT40-High



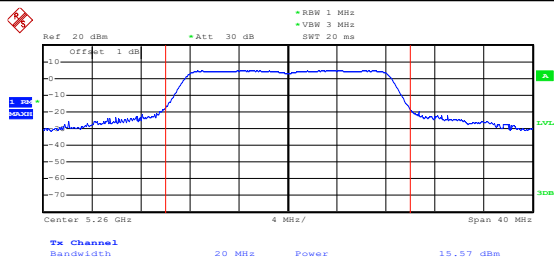
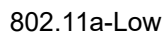
Date: 31.MAR.2025 14:54:38

802.11ac-VHT80-Low

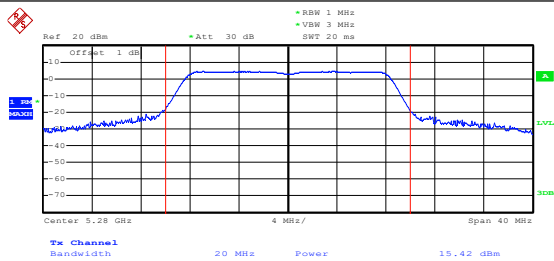
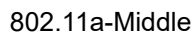


Date: 31.MAR.2025 14:55:32

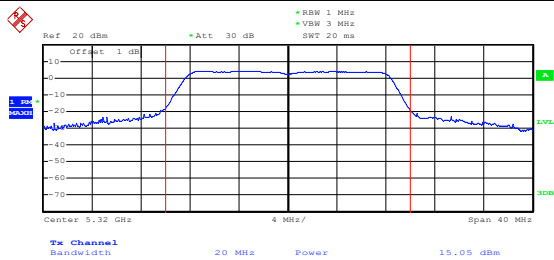
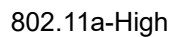
5250-5350MHz



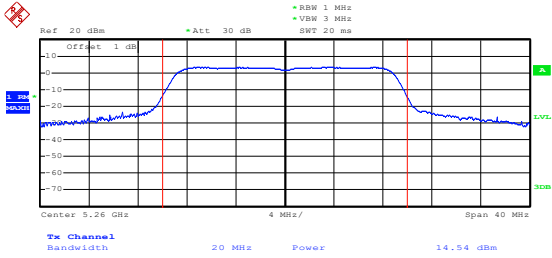
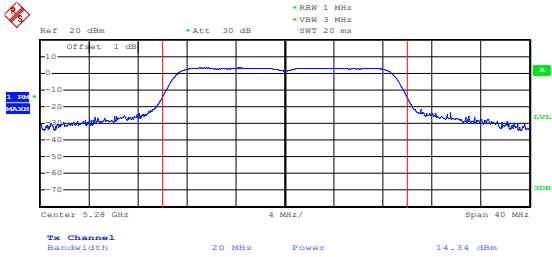
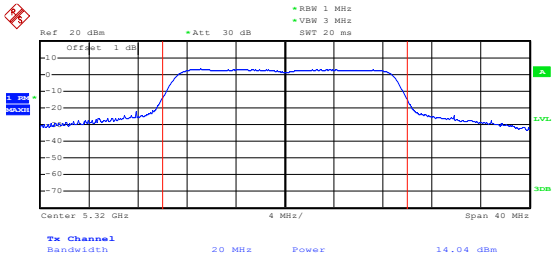
Date: 31.MAR.2025 15:23:23

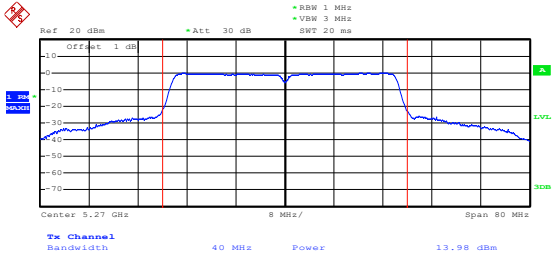
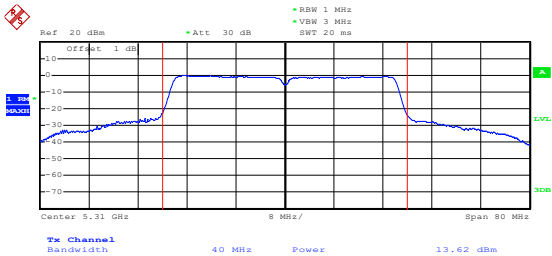
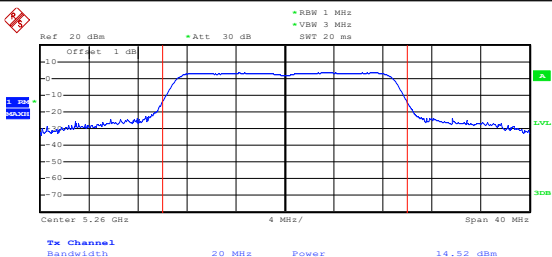


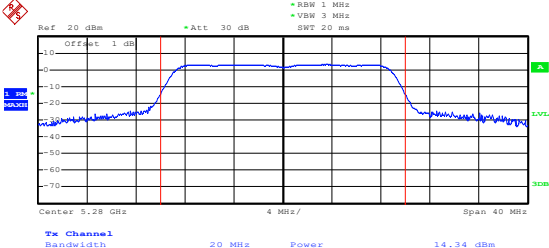
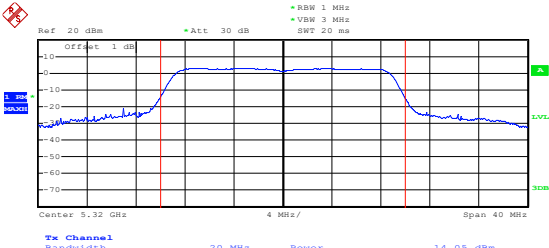
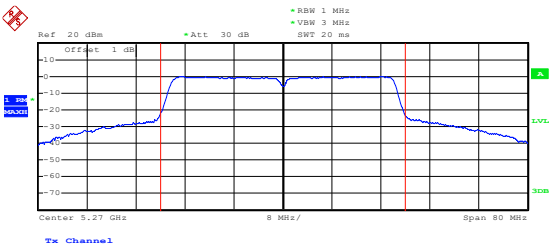
Date: 31.MAR.2025 15:23:57



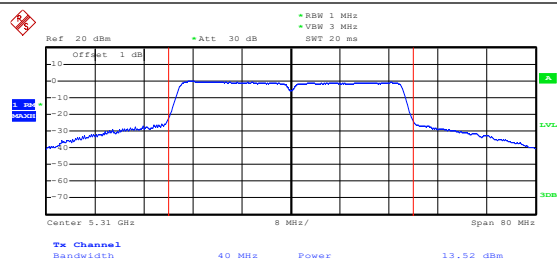
Date: 31.MAR.2025 15:25:42

802.11n-HT20-Low	 Date: 31.MAR.2025 15:26:38
802.11n-HT20-Middle	 Date: 31.MAR.2025 15:26:57
802.11n-HT20-High	 Date: 31.MAR.2025 15:28:00

802.11n-HT40-Low	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.27 GHz Span: 80 MHz Tx Channel Bandwidth: 40 MHz Power: 13.98 dBm Date: 31.MAR.2025 15:34:08
802.11n-HT40-High	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.31 GHz Span: 80 MHz Tx Channel Bandwidth: 40 MHz Power: 13.62 dBm Date: 31.MAR.2025 15:35:18
802.11ac-VHT20-Low	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.26 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 14.52 dBm Date: 31.MAR.2025 15:36:21

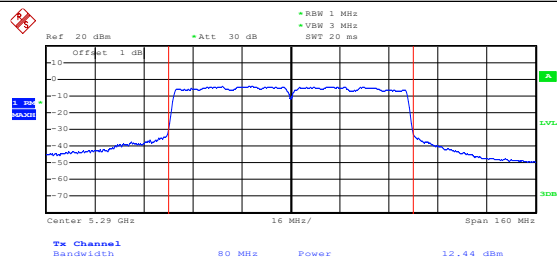
802.11ac-VHT20-Middle	 Date: 31.MAR.2025 15:36:45
802.11ac-VHT20-High	 Date: 31.MAR.2025 15:38:51
802.11ac-VHT40-Low	 Date: 31.MAR.2025 15:40:02

802.11ac-VHT40-High



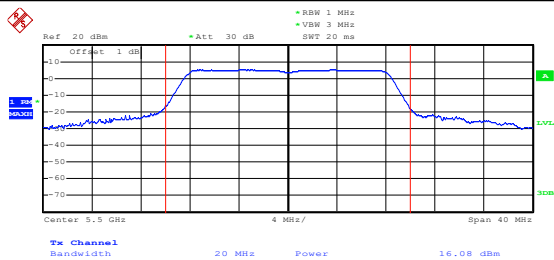
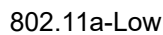
Date: 31.MAR.2025 15:40:37

802.11ac-VHT80-Low

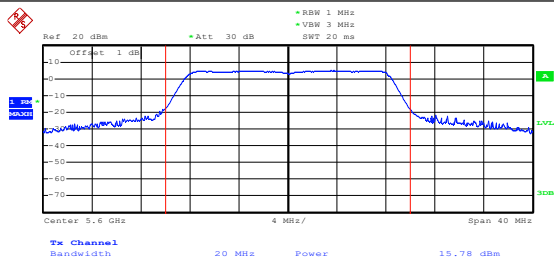
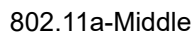


Date: 31.MAR.2025 15:41:41

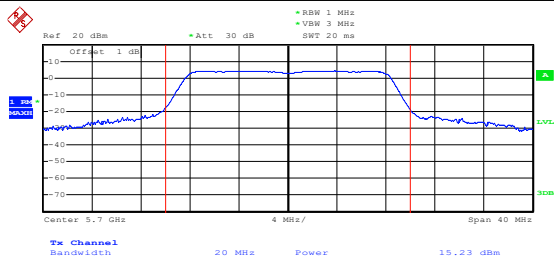
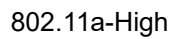
5470-5725MHz



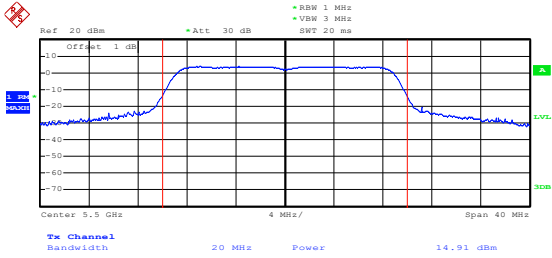
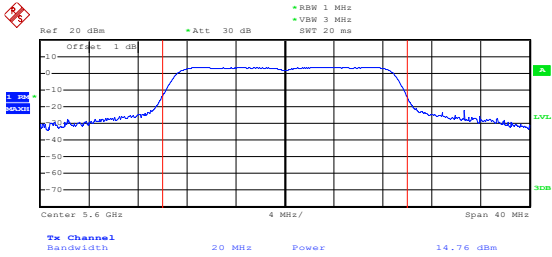
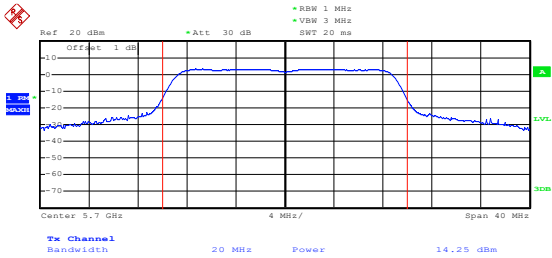
Date: 31.MAR.2025 15:53:35

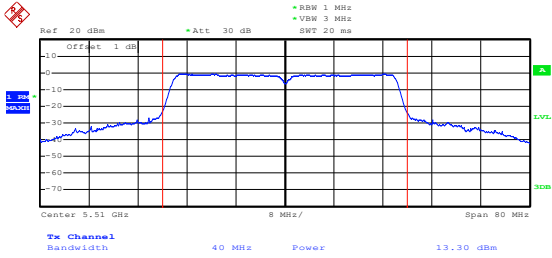
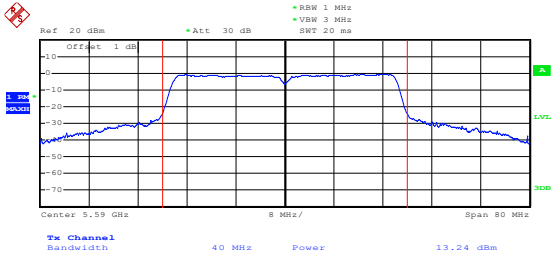
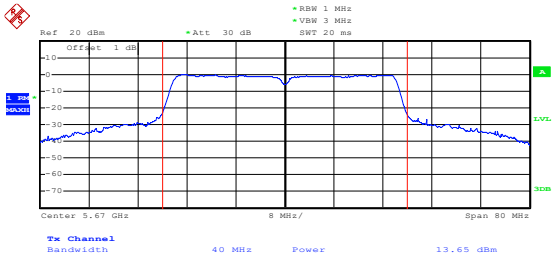


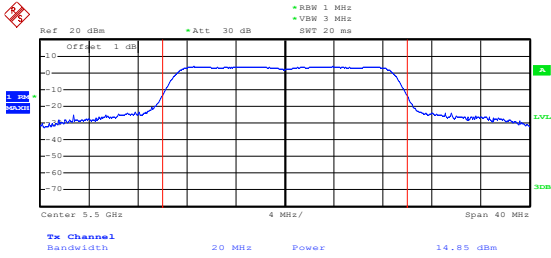
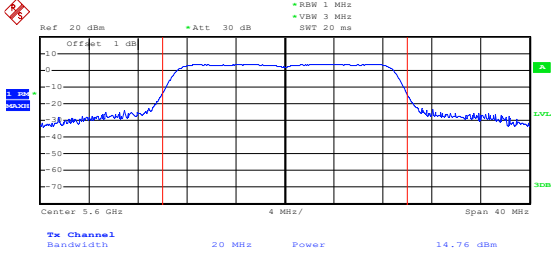
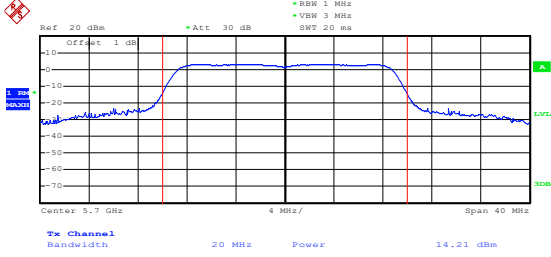
Date: 31.MAR.2025 15:54:04

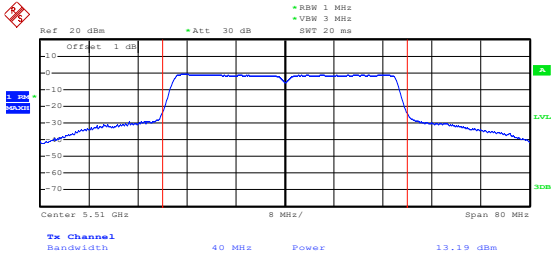
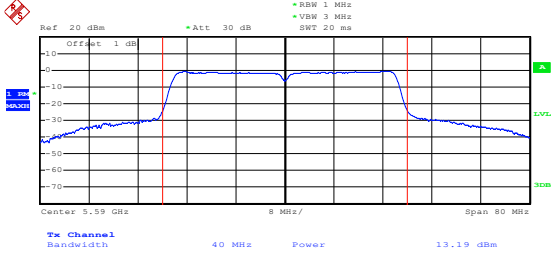
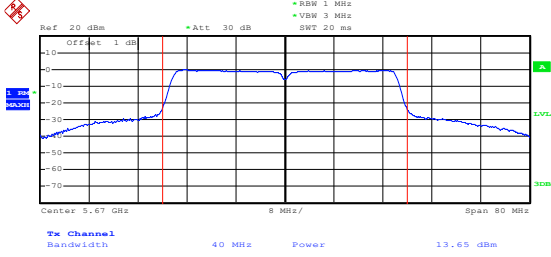


Date: 31.MAR.2025 15:55:46

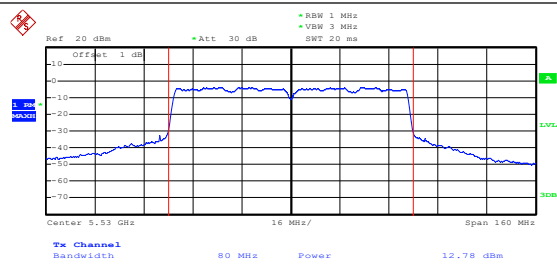
802.11n-HT20-Low	 Date: 31.MAR.2025 16:12:45
802.11n-HT20-Middle	 Date: 31.MAR.2025 16:13:08
802.11n-HT20-High	 Date: 31.MAR.2025 16:13:55

802.11n-HT40-Low	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.51 GHz Span: 80 MHz Tx Channel Bandwidth: 40 MHz Power: 13.30 dBm Date: 31.MAR.2025 16:15:28
802.11n-HT40-Middle	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.59 GHz Span: 80 MHz Tx Channel Bandwidth: 40 MHz Power: 13.24 dBm Date: 31.MAR.2025 16:16:16
802.11n-HT40-High	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.67 GHz Span: 80 MHz Tx Channel Bandwidth: 40 MHz Power: 13.65 dBm Date: 31.MAR.2025 16:17:15

802.11ac-VHT20-Low	 Date: 31.MAR.2025 16:18:19
802.11ac-VHT20-Middle	 Date: 31.MAR.2025 16:18:39
802.11ac-VHT20-High	 Date: 31.MAR.2025 16:19:43

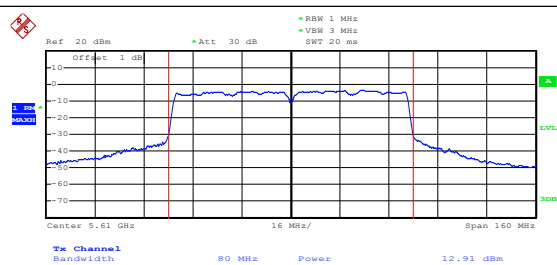
802.11ac-VHT40-Low	 Date: 31.MAR.2025 16:20:33
802.11ac-VHT40-Middle	 Date: 31.MAR.2025 16:21:02
802.11ac-VHT40-High	 Date: 31.MAR.2025 16:21:56

802.11ac-VHT80-Low



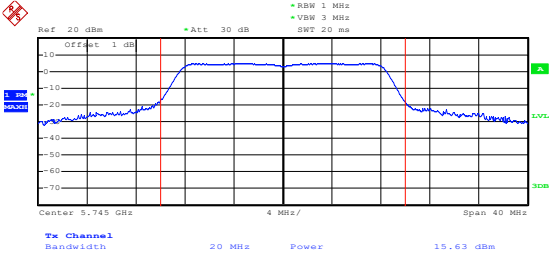
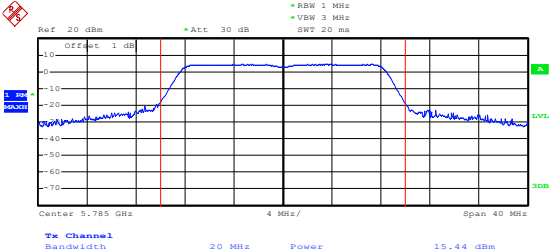
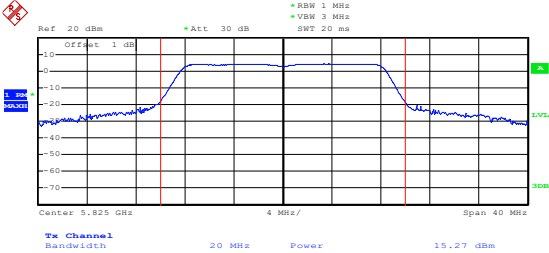
Date: 31.MAR.2025 16:23:11

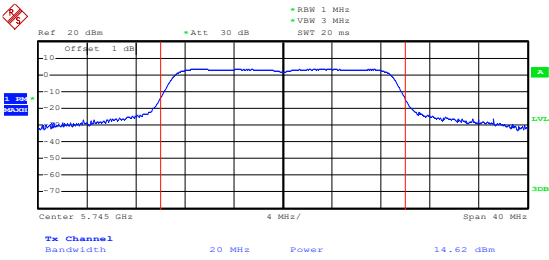
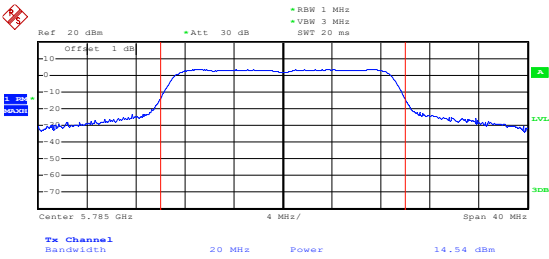
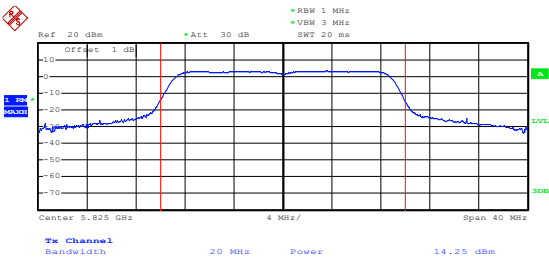
802.11ac-VHT80-High

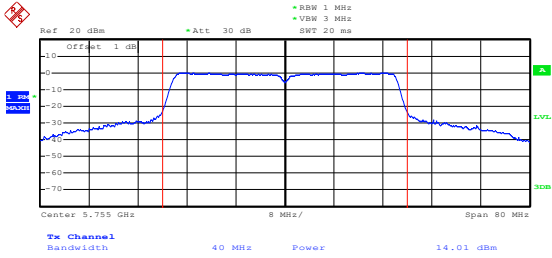
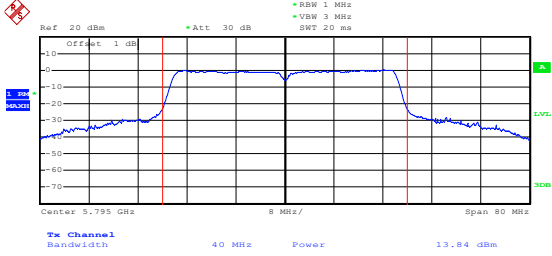
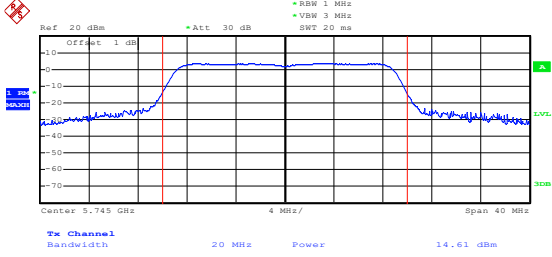


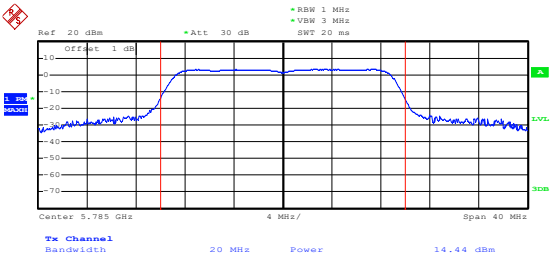
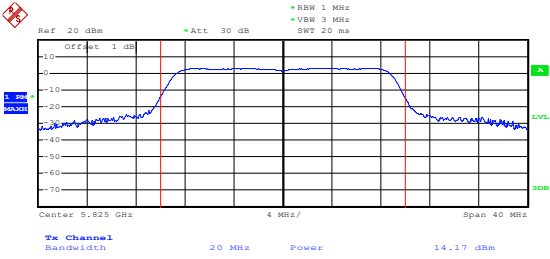
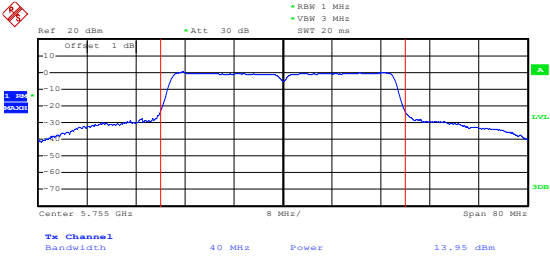
Date: 31.MAR.2025 16:24:20

5725-5850MHz

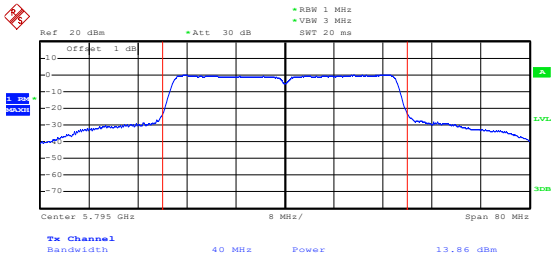
802.11a-Low	 Date: 31.MAR.2025 16:39:24
802.11a-Middle	 Date: 31.MAR.2025 16:39:50
802.11a-High	 Date: 31.MAR.2025 16:40:51

802.11n-HT20-Low	 Date: 31.MAR.2025 16:41:30
802.11n-HT20-Middle	 Date: 31.MAR.2025 16:42:02
802.11n-HT20-High	 Date: 31.MAR.2025 16:42:48

802.11n-HT40-Low	 Date: 31.MAR.2025 16:43:33
802.11n-HT40-High	 Date: 31.MAR.2025 16:43:58
802.11ac-VHT20-Low	 Date: 31.MAR.2025 16:44:36

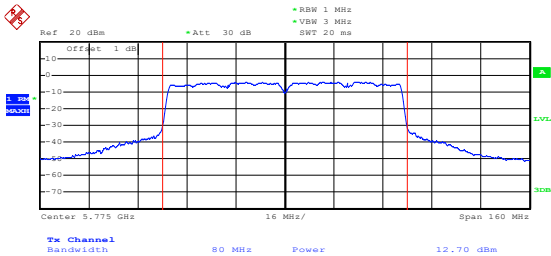
802.11ac-VHT20-Middle	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.755 GHz Span: 40 MHz 4 MHz/ Tx Channel Bandwidth: 20 MHz Power: 14.44 dBm Date: 31.MAR.2025 16:45:06
802.11ac-VHT20-High	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.825 GHz Span: 40 MHz 4 MHz/ Tx Channel Bandwidth: 20 MHz Power: 14.17 dBm Date: 31.MAR.2025 16:45:36
802.11ac-VHT40-Low	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.755 GHz Span: 80 MHz 8 MHz/ Tx Channel Bandwidth: 40 MHz Power: 13.95 dBm Date: 31.MAR.2025 16:46:10

802.11ac-VHT40-High



Date: 31.MAR.2025 16:46:40

802.11ac-VHT80-Low



Date: 31.MAR.2025 16:47:22

APPENDIX D

Frequency Stability

U-NII-1:5150-5250MHz worst case at 802.11a middle channel				
Voltage(%)	Power(VDC)	TEMP(°C)	Freq.Dev(Hz)	Deviation
100%	3.87	-30	501	0.096
100%		-20	501	0.096
100%		-10	498	0.096
100%		0	498	0.096
100%		+10	502	0.097
100%		+20	497	0.096
100%		+30	505	0.097
100%		+40	500	0.096
100%		+50	504	0.097
Low Battery power	3.10	+20	498	0.096
High Battery power	4.64	+20	498	0.096

U-NII-1: 5250-5350MHz worst case at 802.11a middle channel				
Voltage(%)	Power(VDC)	TEMP(°C)	Freq.Dev(Hz)	Deviation
100%	3.87	-30	505	0.096
100%		-20	499	0.094
100%		-10	496	0.094
100%		0	504	0.096
100%		+10	497	0.094
100%		+20	495	0.094
100%		+30	497	0.094
100%		+40	504	0.095
100%		+50	500	0.095
Low Battery power	3.10	+20	498	0.094
High Battery power	4.64	+20	500	0.095

U-NII-1: 5470-5725MHz worst case at 802.11a middle channel				
Voltage(%)	Power(VDC)	TEMP(°C)	Freq.Dev(Hz)	Deviation
100%	3.87	-30	504	0.090
100%		-20	505	0.090
100%		-10	503	0.090
100%		0	496	0.089
100%		+10	499	0.089
100%		+20	497	0.089
100%		+30	498	0.089
100%		+40	498	0.089
100%		+50	497	0.089
Low Battery power	3.10	+20	498	0.089
High Battery power	4.64	+20	504	0.090

U-NII-1:5725-5850MHz worst case at 802.11a middle channel				
Voltage(%)	Power(VDC)	TEMP(°C)	Freq.Dev(Hz)	Deviation
100%	3.87	-30	504	0.087
100%		-20	498	0.086
100%		-10	504	0.087
100%		0	500	0.086
100%		+10	501	0.087
100%		+20	499	0.086
100%		+30	505	0.087
100%		+40	498	0.086
100%		+50	505	0.087
Low Battery power	3.10	+20	497	0.086
High Battery power	4.64	+20	496	0.086

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

***** END OF REPORT *****