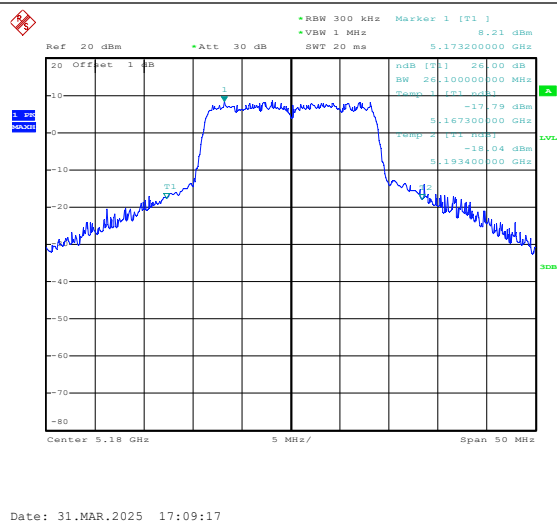


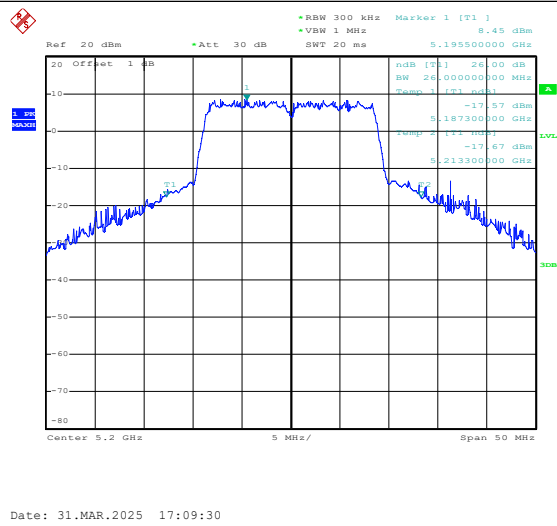
26 dB Bandwidth MHz
5150-5250MHz

802.11a-Low	Date: 31.MAR.2025 17:05:02
802.11a-Middle	Date: 31.MAR.2025 17:05:23
802.11a-High	Date: 31.MAR.2025 17:06:09

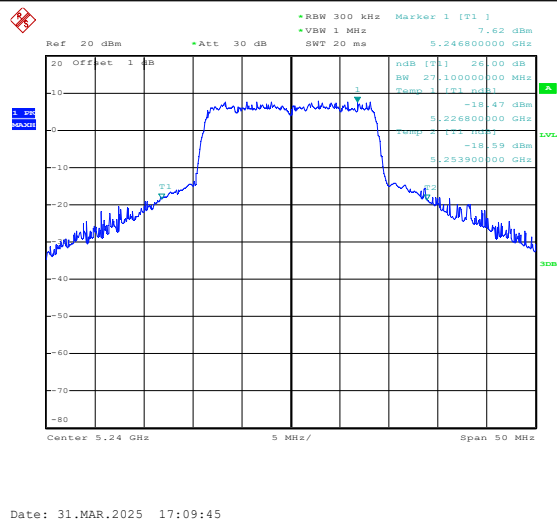
802.11n-HT20-Low



802.11n-HT20-Middle



802.11n-HT20-High



[illegible]

[illegible]

802.11ac-VHT40-High

Ref: 20 dBm *Att: 30 dB
RBW 300 kHz Marker 1 [T1]
VBW 1 MHz
SWT 20 ms
5.23200000 GHz

20 Off: 1 dB
ndB [T1] 26.00 dB
BW 40.00000000 MHz
Temp 1 [T1] 0.00 dB
5.210200000 GHz -25.70 dBm
5.210200000 GHz
Temp 2 [T2] 0.00 dB
5.250200000 GHz -27.92 dBm
5.250200000 GHz

Center 5.23 GHz 10 MHz/ Span 100 MHz

Date: 31.MAR.2025 17:17:18

802.11ac-VHT80-Low

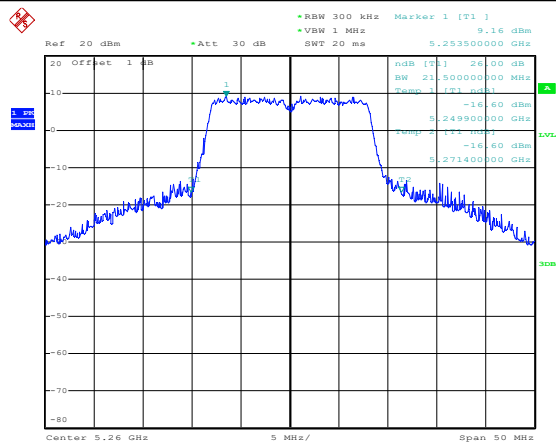
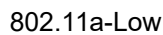
Ref: 20 dBm *Att: 30 dB
RBW 1 MHz Marker 1 [T1]
VBW 3 MHz
SWT 20 ms
5.18400000 GHz

20 Off: 1 dB
ndB [T1] 26.00 dB
BW 80.00000000 MHz
Temp 1 [T1] 0.00 dB
5.166400000 GHz -17.90 dBm
5.166400000 GHz
Temp 2 [T2] 0.00 dB
5.253200000 GHz -17.70 dBm
5.253200000 GHz

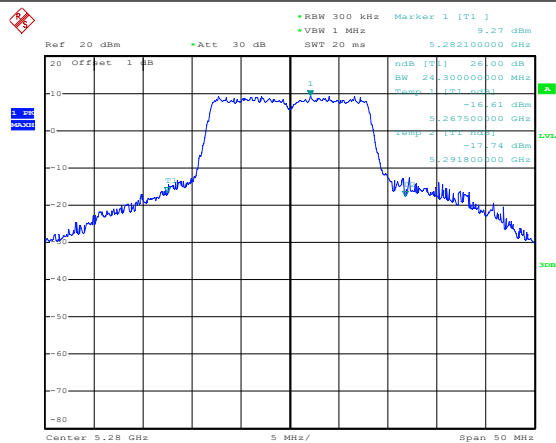
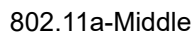
Center 5.21 GHz 20 MHz/ Span 200 MHz

Date: 31.MAR.2025 17:19:24

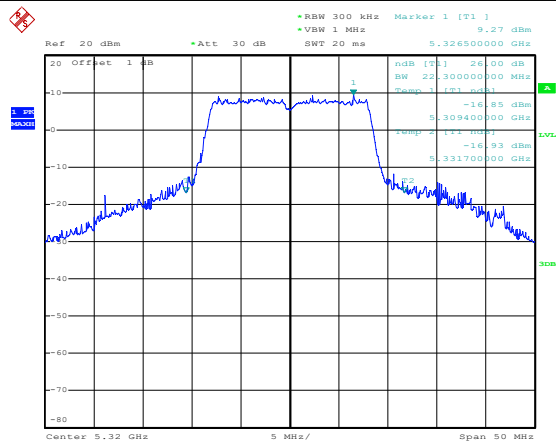
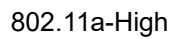
5250-5350MHz



Date: 31.MAR.2025 17:26:25



Date: 31.MAR.2025 17:26:52



Date: 31.MAR.2025 17:27:14

802.11n-HT20-Low	Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz VBW 1 MHz Marker 1 [T1] 8.84 dBm 5.257200000 GHz 20.00 dB 26.00000000 MHz -17.20 dBm 5.247400000 GHz -17.86 dBm 5.273400000 GHz 20 Offset 1 dB 10 0 -10 -20 -30 -40 -50 -60 -70 -80 Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:31:57
802.11n-HT20-Middle	Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz VBW 1 MHz Marker 1 [T1] 9.12 dBm 5.277000000 GHz 20.00 dB 26.00000000 MHz -16.89 dBm 5.267500000 GHz -17.80 dBm 5.293500000 GHz 20 Offset 1 dB 10 0 -10 -20 -30 -40 -50 -60 -70 -80 Center 5.28 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:32:12
802.11n-HT20-High	Ref 20 dBm *Att 30 dB SWT 20 ms RBW 300 kHz VBW 1 MHz Marker 1 [T1] 8.08 dBm 5.323100000 GHz 20.00 dB 25.90000000 MHz -17.85 dBm 5.307400000 GHz -17.78 dBm 5.333300000 GHz 20 Offset 1 dB 10 0 -10 -20 -30 -40 -50 -60 -70 -80 Center 5.32 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:32:27

802.11n-HT40-Low

Ref: 20 dBm, Att: 30 dB, BW: 40.60000000 MHz, Span: 100 MHz, Center: 5.27 GHz. Marker 1 [T1] at 5.27250000 GHz, -26.82 dBm. Other markers: F1 at 5.24940000 GHz, -27.69 dBm; F2 at 5.29000000 GHz, -27.69 dBm.

802.11n-HT40-High

Ref: 20 dBm, Att: 30 dB, BW: 41.20000000 MHz, Span: 100 MHz, Center: 5.31 GHz. Marker 1 [T1] at 5.31340000 GHz, -26.71 dBm. Other markers: F1 at 5.28940000 GHz, -27.53 dBm; F2 at 5.33060000 GHz, -27.53 dBm.

802.11ac-VHT20-Low

Ref: 20 dBm, Att: 30 dB, BW: 21.10000000 MHz, Span: 50 MHz, Center: 5.26 GHz. Marker 1 [T1] at 5.26210000 GHz, -17.95 dBm. Other markers: F1 at 5.24960000 GHz, -17.64 dBm; F2 at 5.27070000 GHz, -17.64 dBm.

802.11ac-VHT20-Middle

Date: 31.MAR.2025 17:39:00

802.11ac-VHT20-High

Date: 31.MAR.2025 17:39:18

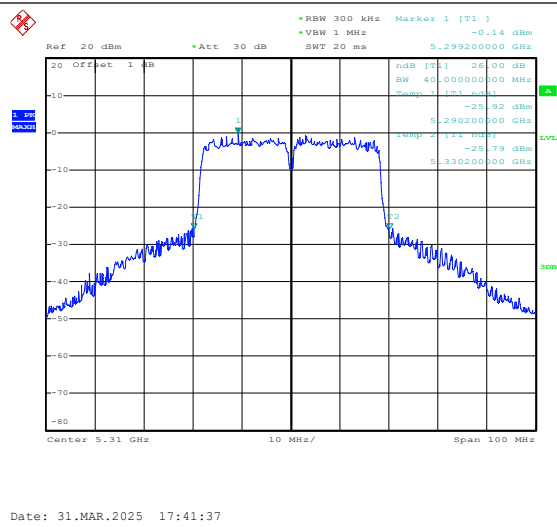
802.11ac-VHT40-Low

Date: 31.MAR.2025 17:41:21

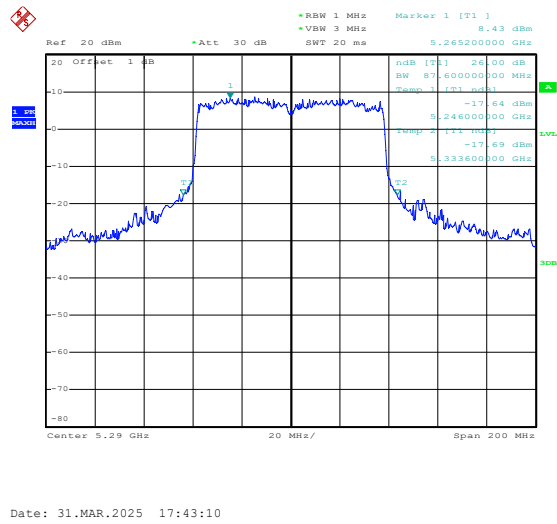
Each plot displays a spectral signal with a flat top and sloped sides, characteristic of OFDM signals. The plots include the following parameters:

- Ref: 20 dBm
- Att: 30 dB
- RBW: 300 kHz
- VBW: 1 MHz
- Marker 1 [T1]
- Center Frequency: 5.28 GHz, 5.32 GHz, and 5.27 GHz
- Span: 50 MHz, 50 MHz, and 100 MHz
- Frequency Resolution: 5 MHz, 5 MHz, and 10 MHz
- Power Spectral Density (dBm): -10, -20, -30, -40, -50, -60, -70, -80
- Signal-to-Noise Ratio (SNR): 26.90 dB, 26.90 dB, and 26.90 dB
- Bandwidth (BW): 21.40000000 MHz, 21.70000000 MHz, and 41.00000000 MHz
- Signal Level (dBm): -17.73 dBm, -19.14 dBm, and -25.96 dBm
- Signal Level (dBm): -18.69 dBm, -18.91 dBm, and -26.39 dBm
- Signal Level (dBm): -18.69 dBm, -18.91 dBm, and -26.39 dBm

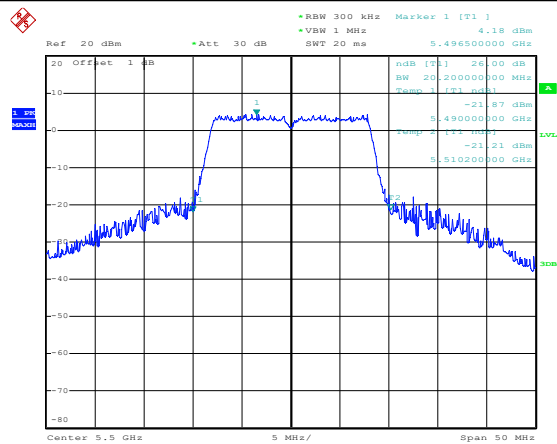
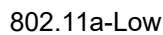
802.11ac-VHT40-High



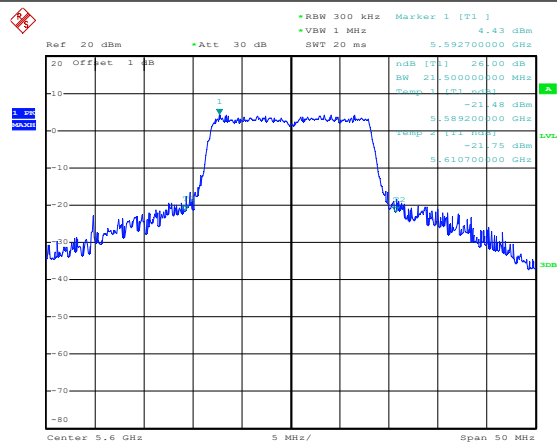
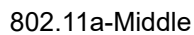
802.11ac-VHT80-Low



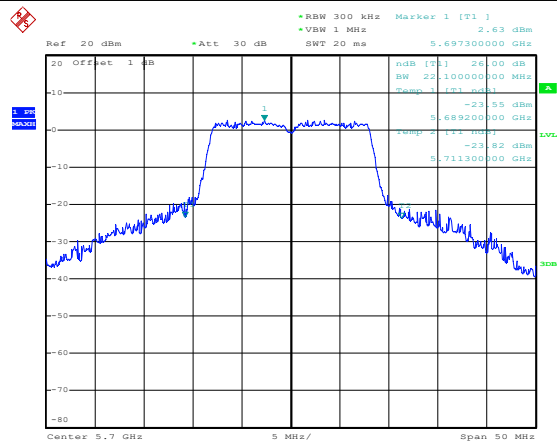
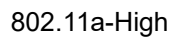
5470-5725MHz



Date: 31.MAR.2025 17:51:18

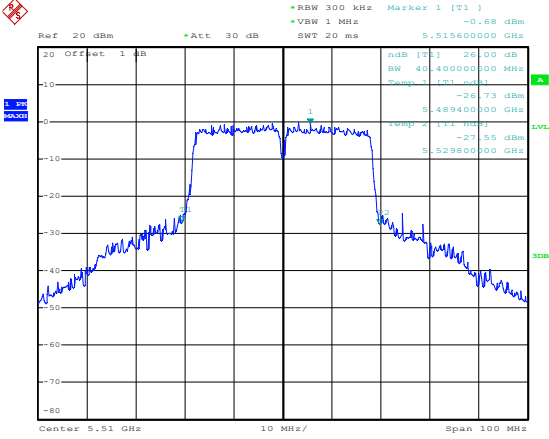
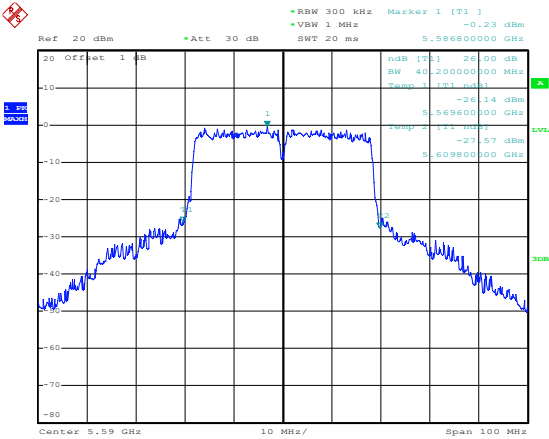
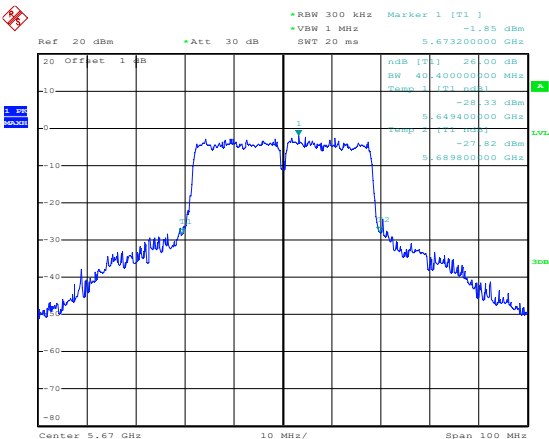


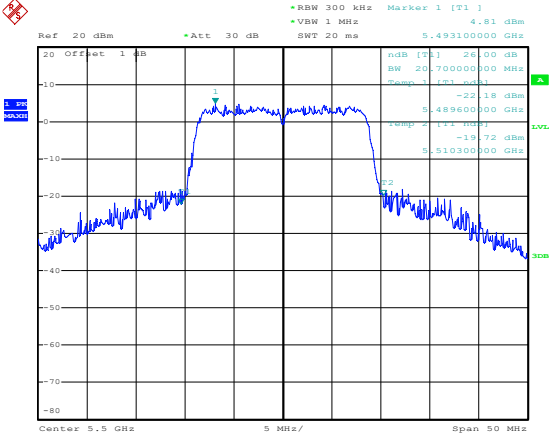
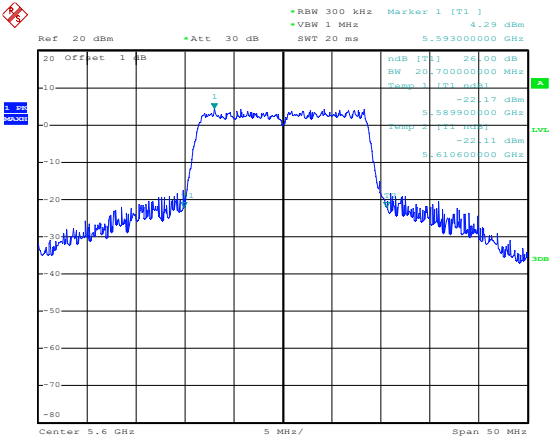
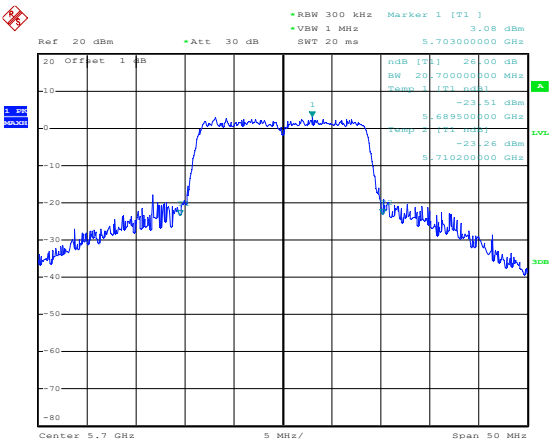
Date: 31.MAR.2025 17:51:37



Date: 31.MAR.2025 17:51:59

Channel	Center Frequency (GHz)	Span (MHz)	Ref (dBm)	Att (dB)	VBW (MHz)	SWT (ms)	Marker 1 (GHz)	Marker 1 (dBm)	Date
802.11n-HT20-Low	5.5	50	20	30	1	20	5.49720000	4.88	31.MAR.2025 17:53:28
802.11n-HT20-Middle	5.6	50	20	30	1	20	5.60680000	4.38	31.MAR.2025 17:53:42
802.11n-HT20-High	5.7	50	20	30	1	20	5.69710000	3.68	31.MAR.2025 17:53:55

802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] -0.68 dBm 5.515600000 GHz 20 Offset 1 dB dB [T1] 26.00 dB SW 40.40000000 MHz Temp 1 [T1] dBm -26.73 dBm 5.489400000 GHz Temp 2 [T2] dBm -27.55 dBm 5.529800000 GHz Center 5.51 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 17:55:39
802.11n-HT40-Middle	 Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] -0.23 dBm 5.586800000 GHz 20 Offset 1 dB dB [T1] 26.00 dB SW 40.20000000 MHz Temp 1 [T1] dBm -26.14 dBm 5.569600000 GHz Temp 2 [T2] dBm -27.37 dBm 5.609800000 GHz Center 5.59 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 17:55:54
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] -1.85 dBm 5.673200000 GHz 20 Offset 1 dB dB [T1] 26.00 dB SW 40.40000000 MHz Temp 1 [T1] dBm -28.33 dBm 5.649400000 GHz Temp 2 [T2] dBm -27.82 dBm 5.689800000 GHz Center 5.67 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 17:56:12

802.11ac-VHT20-Low	 Date: 31.MAR.2025 17:57:47
802.11ac-VHT20-Middle	 Date: 31.MAR.2025 17:58:04
802.11ac-VHT20-High	 Date: 31.MAR.2025 17:58:22

802.11ac-VHT40-Low

802.11ac-VHT40-Middle

802.11ac-VHT40-High

The figure consists of three vertically stacked spectral plots, each showing the power spectral density (PSD) of an 802.11ac VHT40 channel. The plots are labeled '802.11ac-VHT40-Low', '802.11ac-VHT40-Middle', and '802.11ac-VHT40-High'. Each plot has a y-axis representing power in dBm, ranging from -80 to 20, and an x-axis representing frequency in GHz, ranging from 5.51 to 5.67. The plots show a central channel with a peak power of approximately -26 dBm, and sidebands extending to approximately -40 dBm. The power level decreases as the frequency increases from Low to High.

Ref: 20 dBm Att: 30 dB VBW: 1 MHz SWT: 20 ms

Marker 1 [T1] -0.24 dBm

dB [T1] 26.90 dB BW 40.00000000 MHz Temp 1 [T1] -26.76 dBm 5.49020000 GHz

Temp 2 [T2] -27.44 dBm 5.53020000 GHz

Center: 5.51 GHz 10 MHz/ Span: 100 MHz

Date: 31.MAR.2025 17:59:46

Ref: 20 dBm Att: 30 dB VBW: 1 MHz SWT: 20 ms

Marker 1 [T1] -0.48 dBm

dB [T1] 26.90 dB BW 40.00000000 MHz Temp 1 [T1] -25.76 dBm 5.57020000 GHz

Temp 2 [T2] -26.06 dBm 5.61020000 GHz

Center: 5.59 GHz 10 MHz/ Span: 100 MHz

Date: 31.MAR.2025 18:00:01

Ref: 20 dBm Att: 30 dB VBW: 1 MHz SWT: 20 ms

Marker 1 [T1] -2.56 dBm

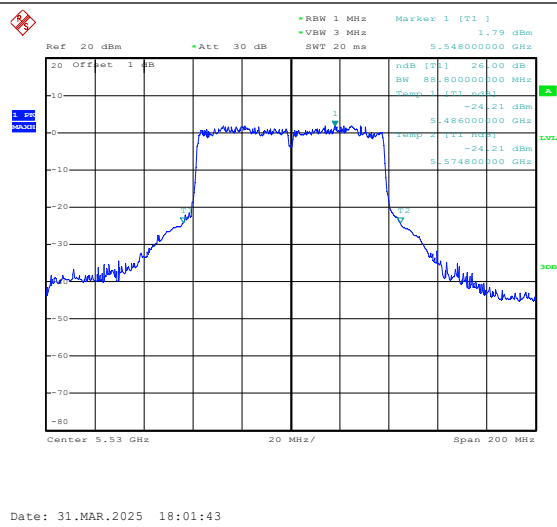
dB [T1] 26.90 dB BW 40.00000000 MHz Temp 1 [T1] -28.61 dBm 5.64980000 GHz

Temp 2 [T2] -29.07 dBm 5.69020000 GHz

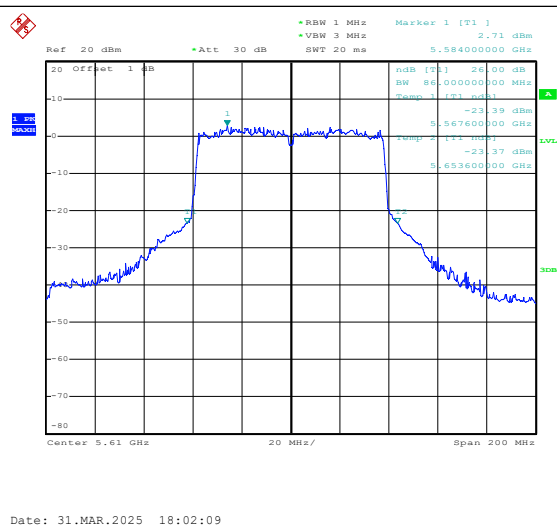
Center: 5.67 GHz 10 MHz/ Span: 100 MHz

Date: 31.MAR.2025 18:00:18

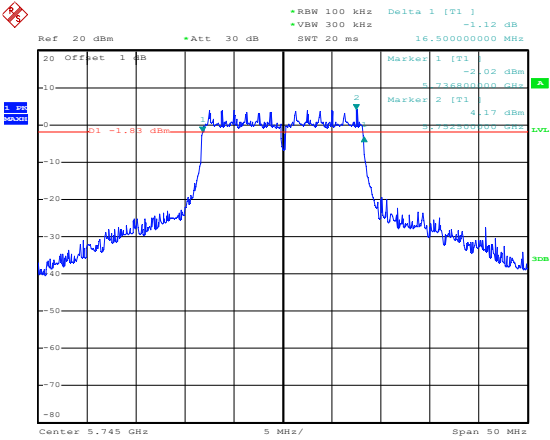
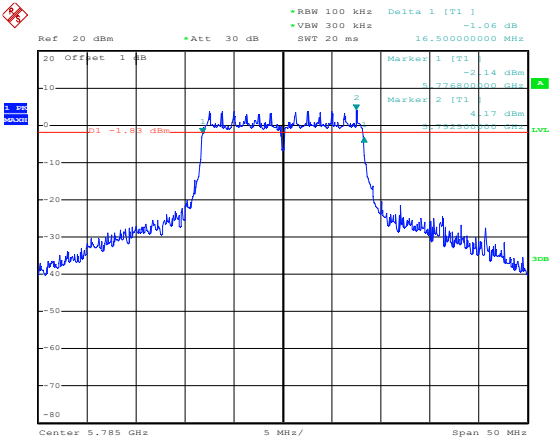
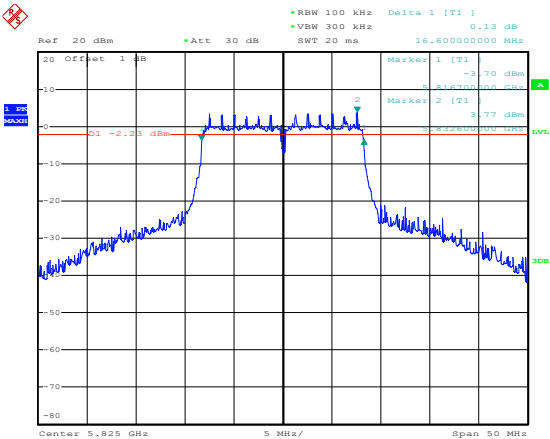
802.11ac-VHT80-Low

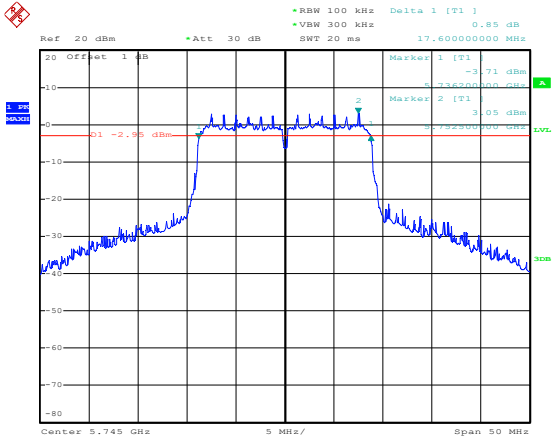
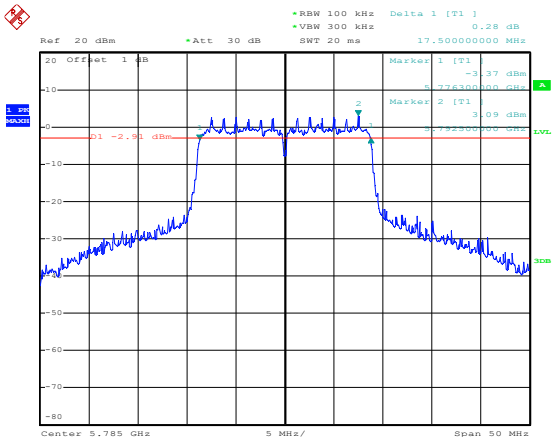
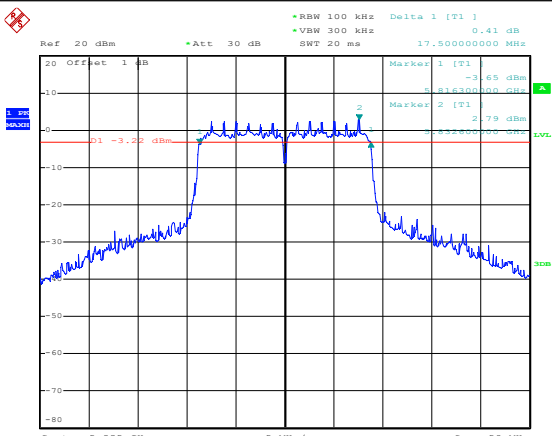


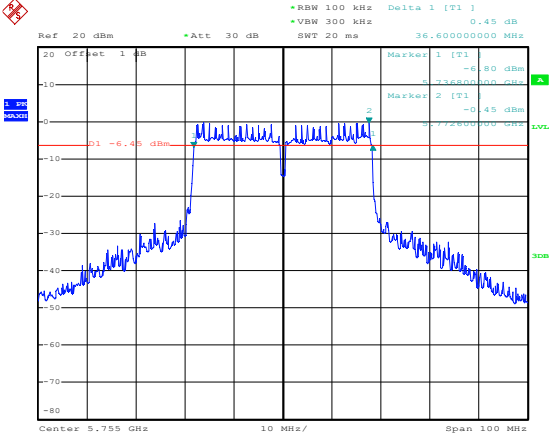
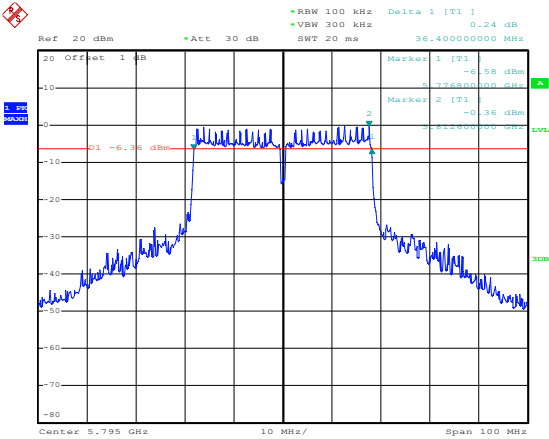
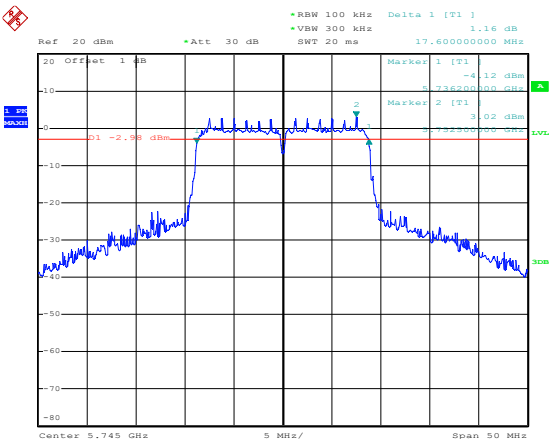
802.11ac-VHT80-High



6 dB Bandwidth MHz
5725-5850MHz

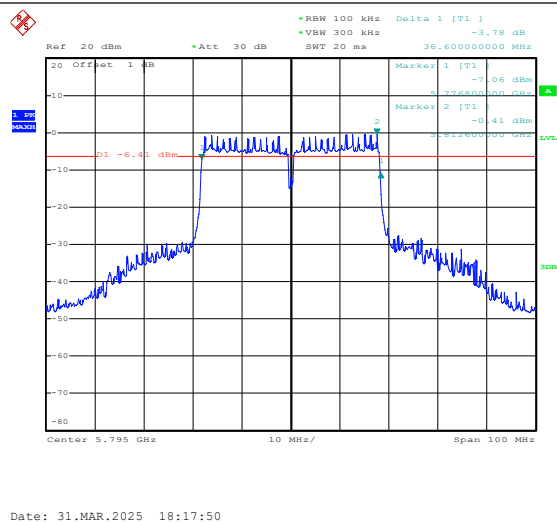
802.11a-Low	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] -1.12 dB VBW 300 kHz SWT 20 ms 16.50000000 MHz Marker 1 [T1] -1.02 dBm Marker 2 [T1] -2.02 dBm Marker 3 [T1] -4.17 dBm Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:08:37
802.11a-Middle	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] -1.06 dB VBW 300 kHz SWT 20 ms 16.50000000 MHz Marker 1 [T1] -1.14 dBm Marker 2 [T1] -2.14 dBm Marker 3 [T1] -4.17 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] -3.70 dBm Marker 2 [T1] -4.70 dBm Marker 3 [T1] -4.77 dBm Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:09:57

802.11n-HT20-Low	 Date: 31.MAR.2025 18:10:43
802.11n-HT20-Middle	 Date: 31.MAR.2025 18:11:26
802.11n-HT20-High	 Date: 31.MAR.2025 18:12:04

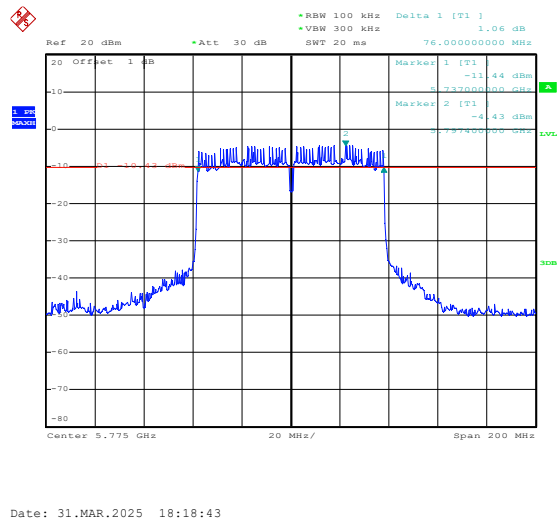
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 0.45 dB VSW 300 kHz SWT 20 ms 36.60000000 MHz Marker 1 [T1] -6.50 dBm 5.75500000 GHz Marker 2 [T1] -0.45 dBm 5.75500000 GHz D1 -6.45 dBm Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 18:12:52
802.11n-HT40-High	 Ref 20 dBm *Att 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

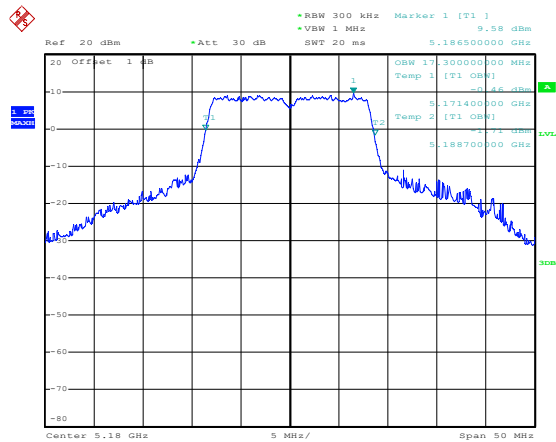


802.11ac-VHT80-Low

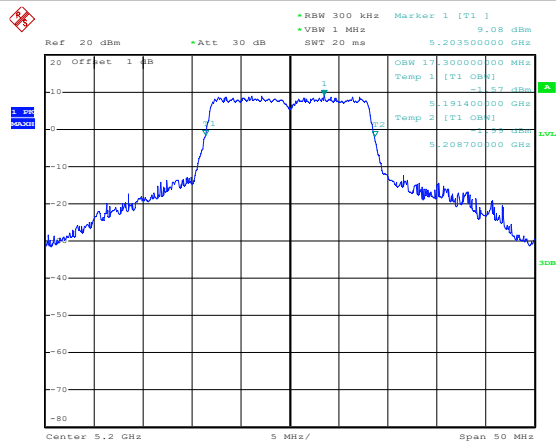
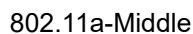


99% Bandwidth MHz

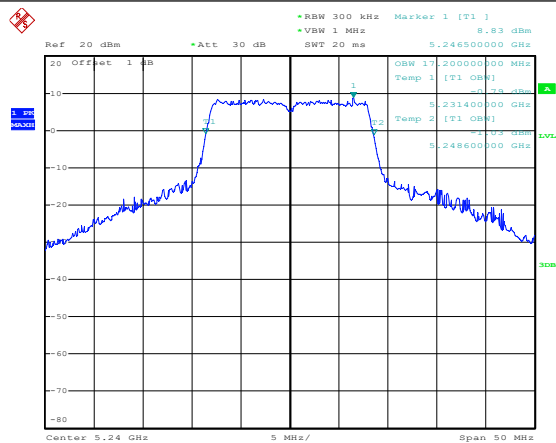
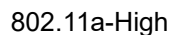
5150-5250MHz



Date: 31.MAR.2025 17:06:46



Date: 31.MAR.2025 17:07:11



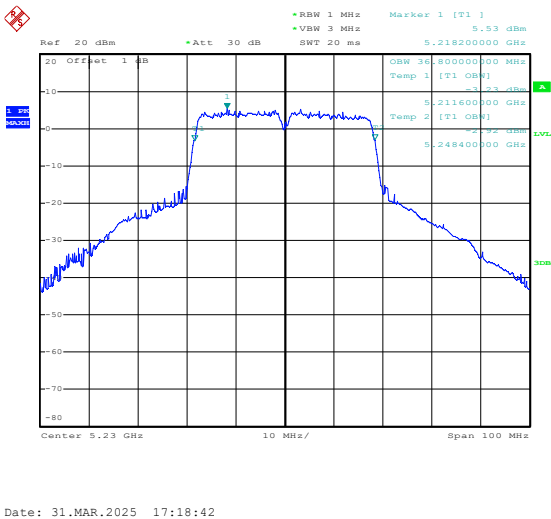
Date: 31.MAR.2025 17:07:44

802.11n-HT20-Low	Ref 20 dBm Att 30 dB SWT 20 ms 5.177000000 GHz 20 Offset 1 dB OSW 18.100000000 MHz Temp 1 [T1 OBW] -21.22 dBm 5.171000000 GHz Temp 2 [T1 OBW] -21.24 dBm 5.189100000 GHz Center 5.18 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:08:15
802.11n-HT20-Middle	Ref 20 dBm Att 30 dB SWT 20 ms 5.197100000 GHz 20 Offset 1 dB OSW 18.100000000 MHz Temp 1 [T1 OBW] -21.25 dBm 5.191000000 GHz Temp 2 [T1 OBW] -21.24 dBm 5.209100000 GHz Center 5.2 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:08:41
802.11n-HT20-High	Ref 20 dBm Att 30 dB SWT 20 ms 5.237100000 GHz 20 Offset 1 dB OSW 18.000000000 MHz Temp 1 [T1 OBW] -21.43 dBm 5.231000000 GHz Temp 2 [T1 OBW] -21.48 dBm 5.249000000 GHz Center 5.24 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 17:08:59

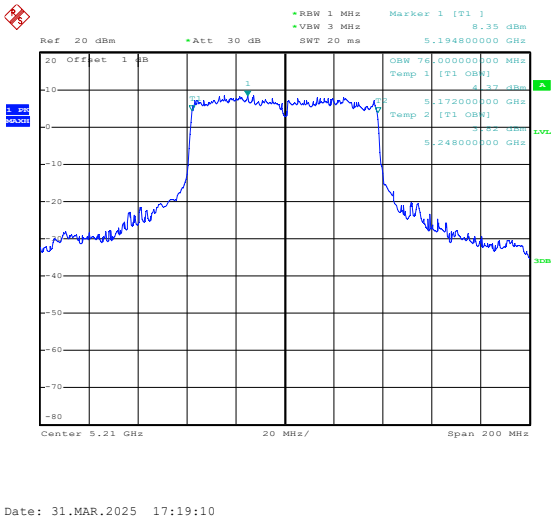
802.11n-HT40-Low	Date: 31.MAR.2025 17:11:56
802.11n-HT40-High	Date: 31.MAR.2025 17:12:17
802.11ac-VHT20-Low	Date: 31.MAR.2025 17:13:00

802.11ac-VHT20-Middle	Date: 31.MAR.2025 17:13:21
802.11ac-VHT20-High	Date: 31.MAR.2025 17:13:44
802.11ac-VHT40-Low	Date: 31.MAR.2025 17:18:22

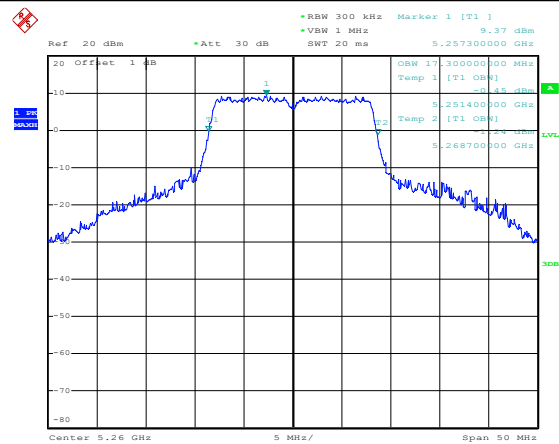
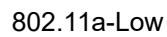
802.11ac-VHT40-High



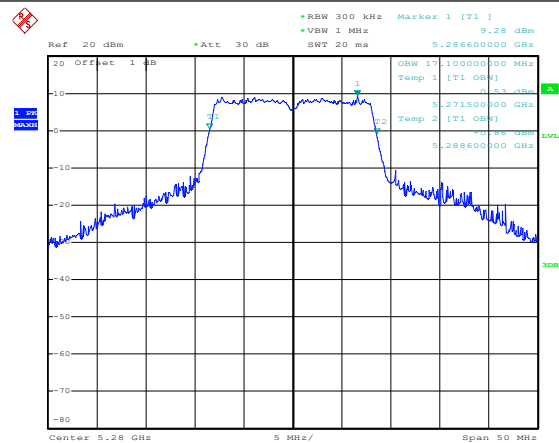
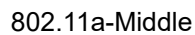
802.11ac-VHT80-Low



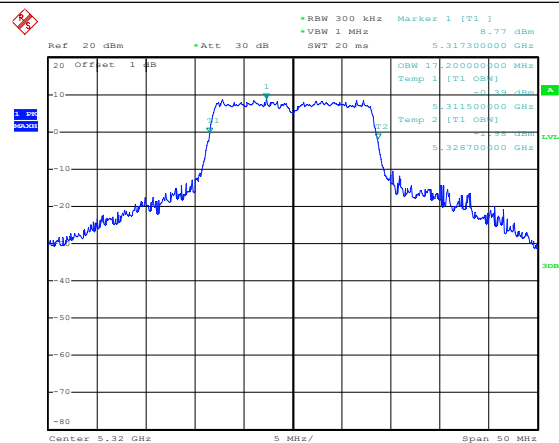
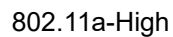
5250-5350MHz



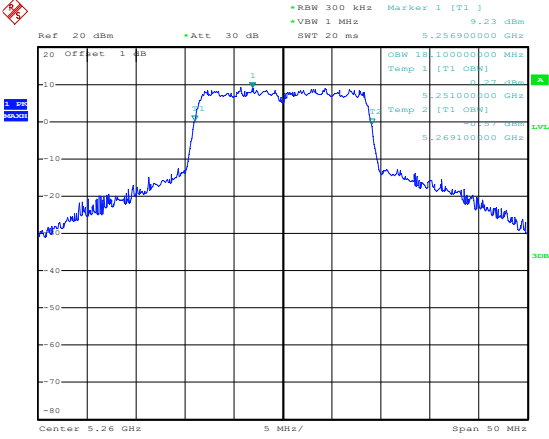
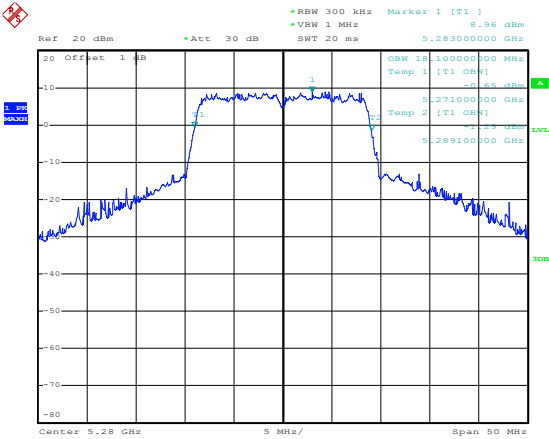
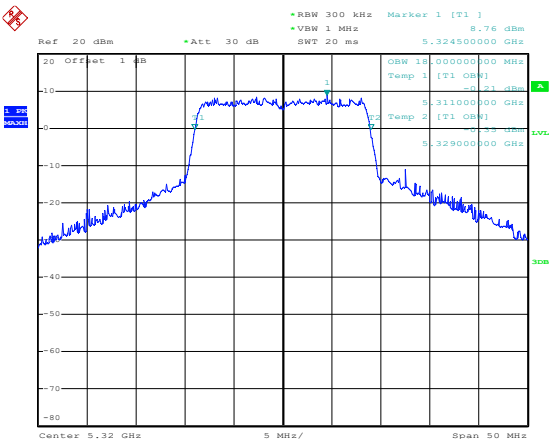
Date: 31.MAR.2025 17:27:56



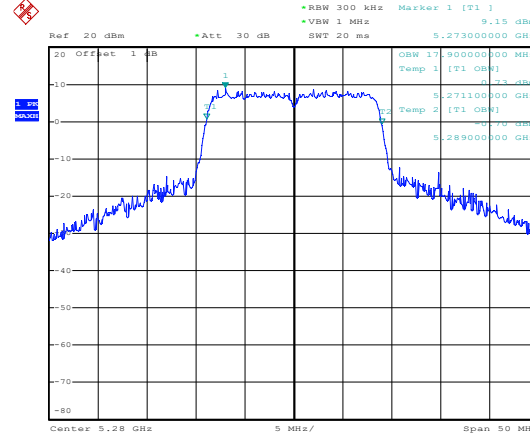
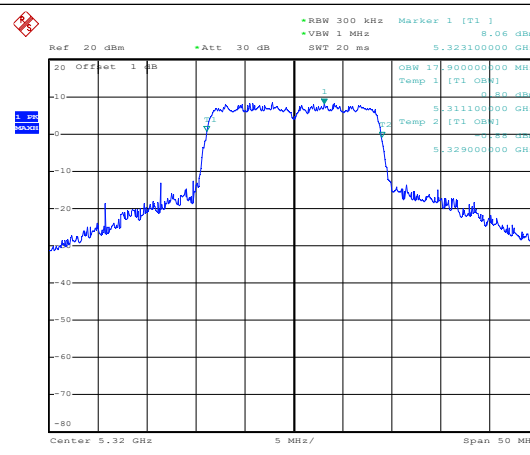
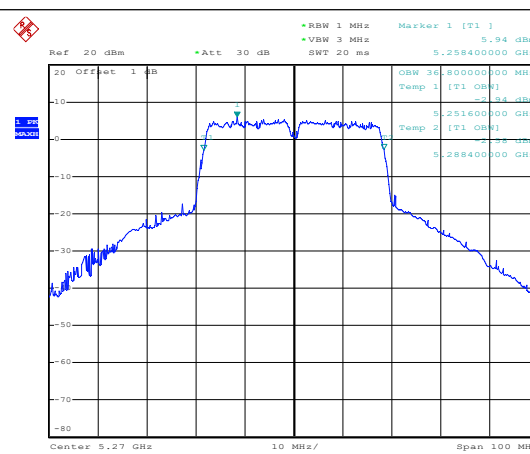
Date: 31.MAR.2025 17:28:12



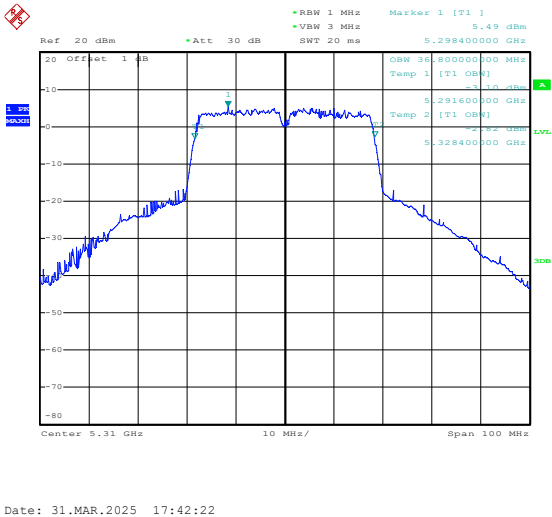
Date: 31.MAR.2025 17:28:38

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

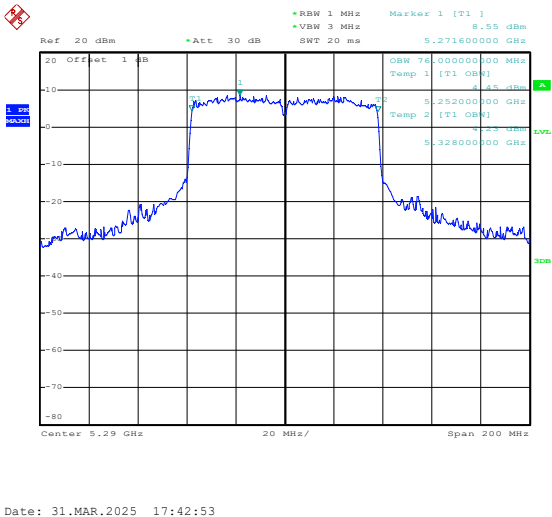
802.11n-HT40-Low	Date: 31.MAR.2025 17:37:26
802.11n-HT40-High	Date: 31.MAR.2025 17:37:46
802.11ac-VHT20-Low	Date: 31.MAR.2025 17:39:44

802.11ac-VHT20-Middle	 Date: 31.MAR.2025 17:40:01
802.11ac-VHT20-High	 Date: 31.MAR.2025 17:40:23
802.11ac-VHT40-Low	 Date: 31.MAR.2025 17:42:04

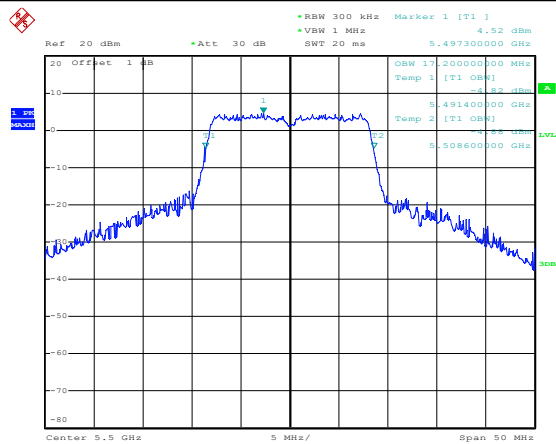
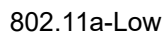
802.11ac-VHT40-High



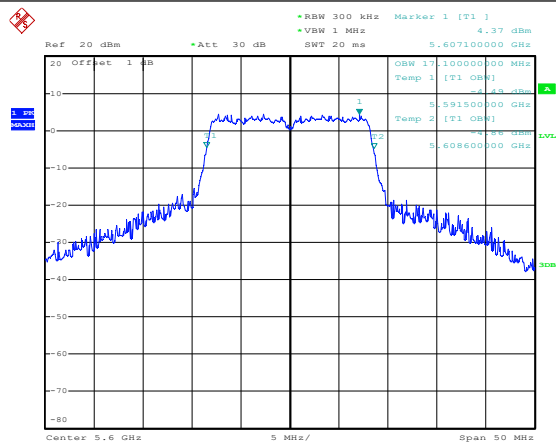
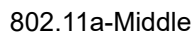
802.11ac-VHT80-Low



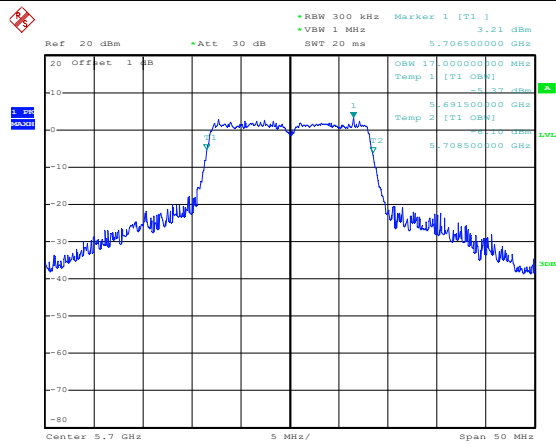
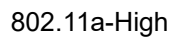
5470-5725MHz



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



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



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

802.11n-HT20-Low

802.11n-HT20-Middle

802.11n-HT20-High

Ref: 20 dBm Att: 30 dB RBW: 300 kHz VBW: 1 MHz SWT: 20 ms

Marker 1 [T1] 4.50 dBm 5.502000000 GHz

OBW: 18.000000000 MHz Temp 1 [T1] 0.00 dBm

Temp 2 [T1] 0.00 dBm

5.491000000 GHz 5.509000000 GHz

Center: 5.5 GHz Span: 50 MHz

Date: 31.MAR.2025 17:54:21

Ref: 20 dBm Att: 30 dB RBW: 300 kHz VBW: 1 MHz SWT: 20 ms

Marker 1 [T1] 4.54 dBm 5.604000000 GHz

OBW: 18.100000000 MHz Temp 1 [T1] 0.00 dBm

Temp 2 [T1] 0.00 dBm

5.593000000 GHz 5.609100000 GHz

Center: 5.6 GHz Span: 50 MHz

Date: 31.MAR.2025 17:54:36

Ref: 20 dBm Att: 30 dB RBW: 300 kHz VBW: 1 MHz SWT: 20 ms

Marker 1 [T1] 3.06 dBm 5.704300000 GHz

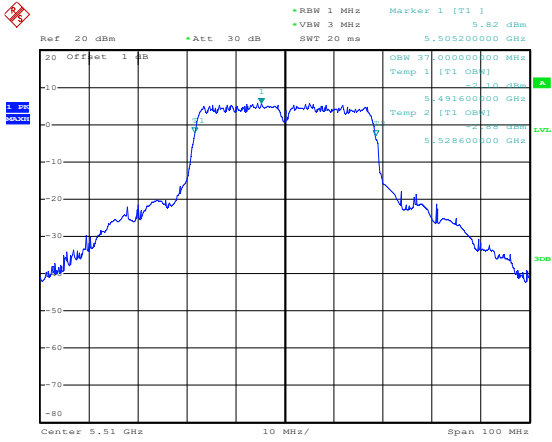
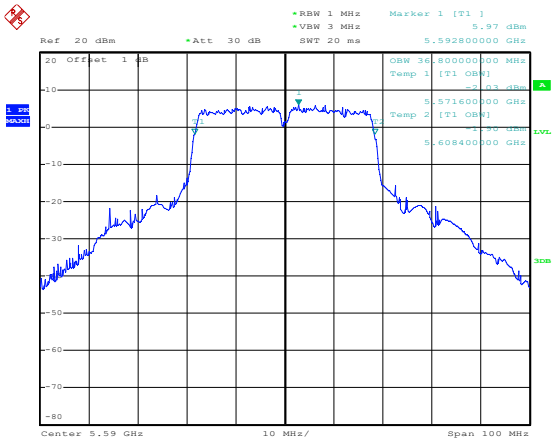
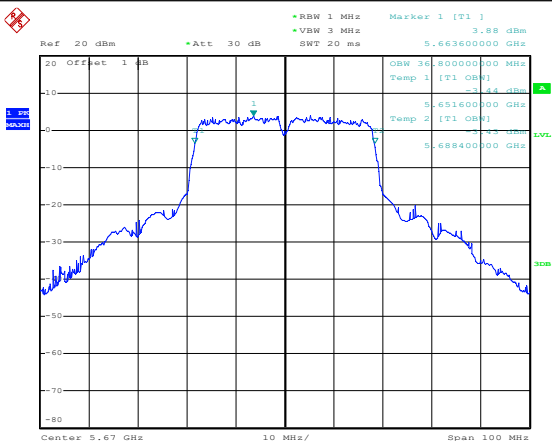
OBW: 18.000000000 MHz Temp 1 [T1] 0.00 dBm

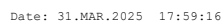
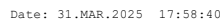
Temp 2 [T1] 0.00 dBm

5.693000000 GHz 5.709000000 GHz

Center: 5.7 GHz Span: 50 MHz

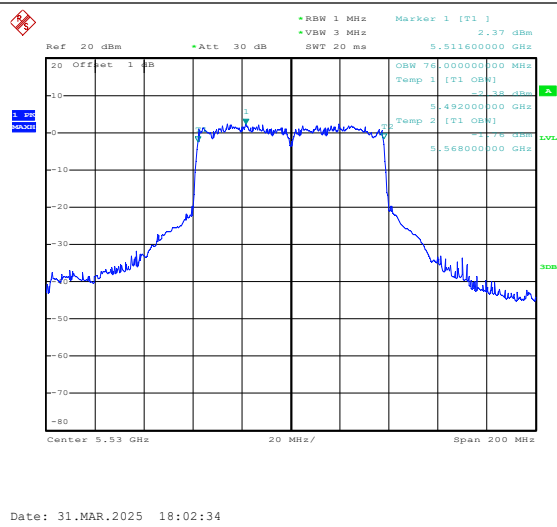
Date: 31.MAR.2025 17:54:52

802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] 5.52 dBm OSW 37.00000000 MHz Temp 1 [T1 OSW] 5.52 dBm Temp 2 [T1 OSW] 5.49160000 GHz Temp 2 [T1 OSW] 5.52860000 GHz Center 5.51 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 17:56:39
802.11n-HT40-Middle	 Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] 5.97 dBm OSW 36.80000000 MHz Temp 1 [T1 OSW] 5.97 dBm Temp 2 [T1 OSW] 5.57160000 GHz Temp 2 [T1 OSW] 5.60840000 GHz Center 5.59 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 17:56:56
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] 3.88 dBm OSW 36.80000000 MHz Temp 1 [T1 OSW] 3.88 dBm Temp 2 [T1 OSW] 5.65160000 GHz Temp 2 [T1 OSW] 5.68840000 GHz Center 5.67 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 17:57:13

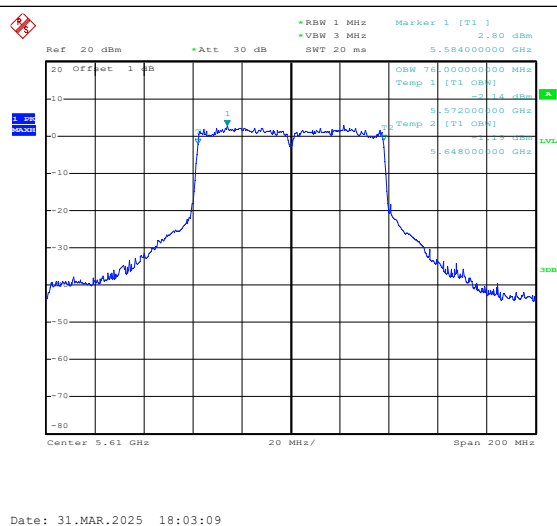


802.11ac-VHT40-Low	Date: 31.MAR.2025 18:00:41
802.11ac-VHT40-Middle	Date: 31.MAR.2025 18:00:56
802.11ac-VHT40-High	Date: 31.MAR.2025 18:01:14

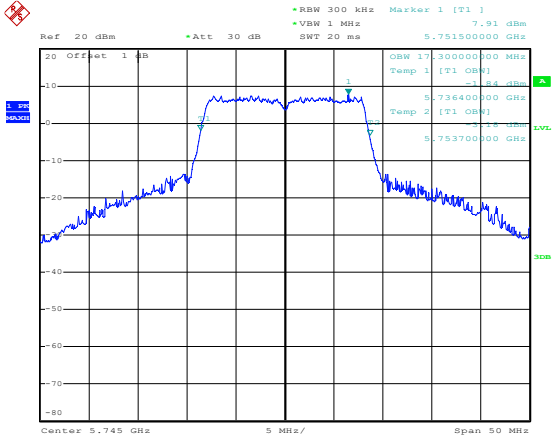
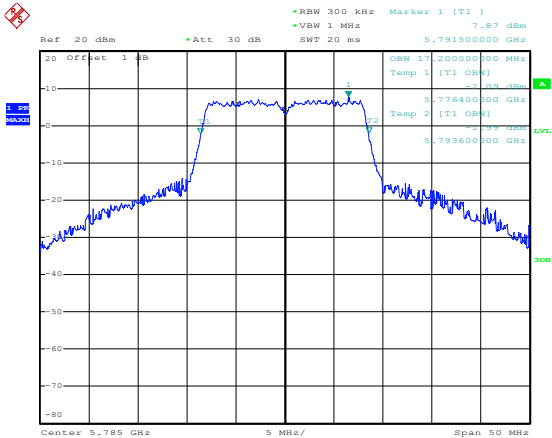
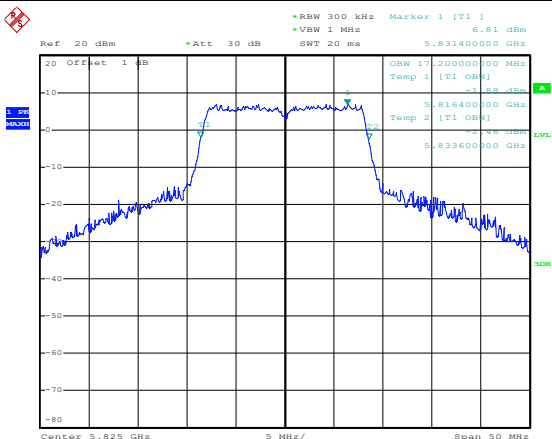
802.11ac-VHT80-Low



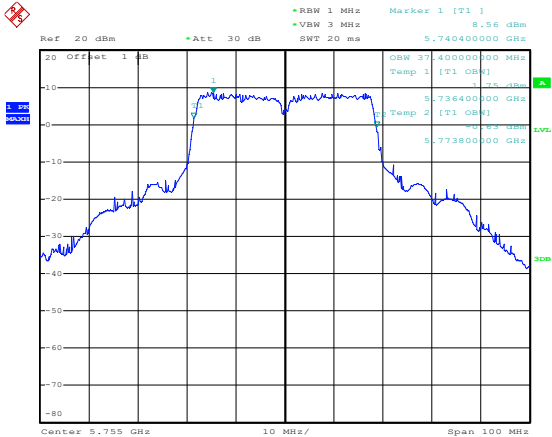
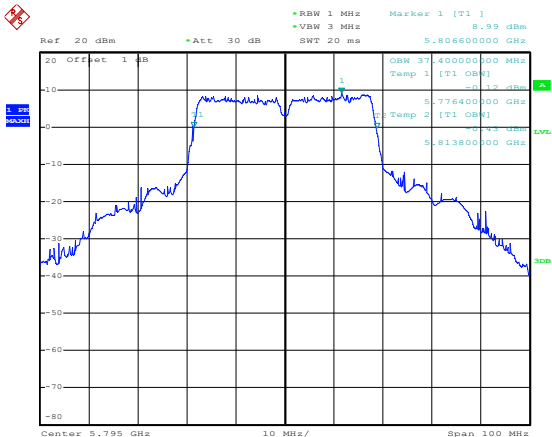
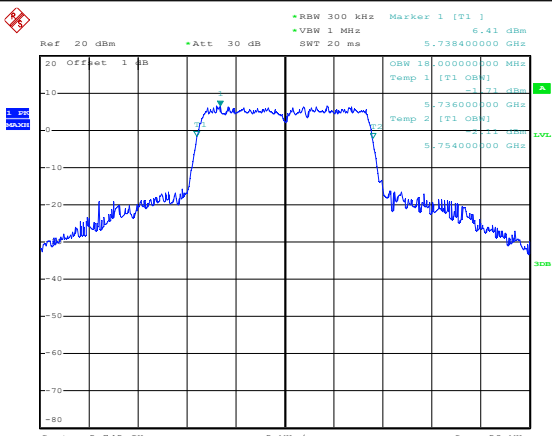
802.11ac-VHT80-High

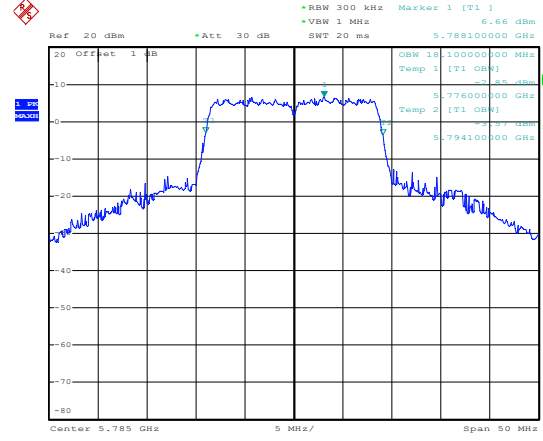
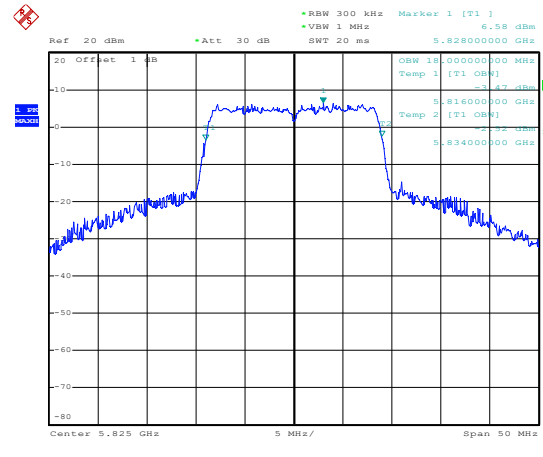
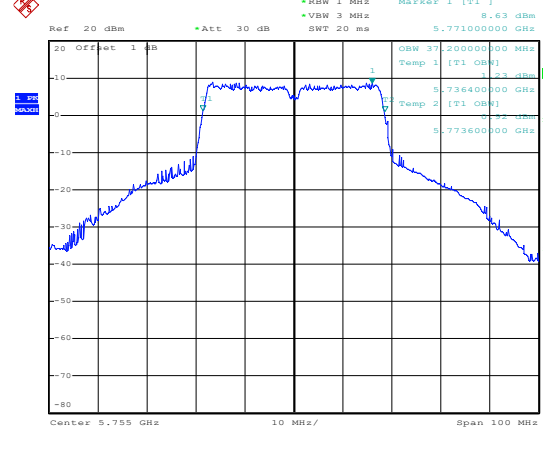


5725-5850MHz

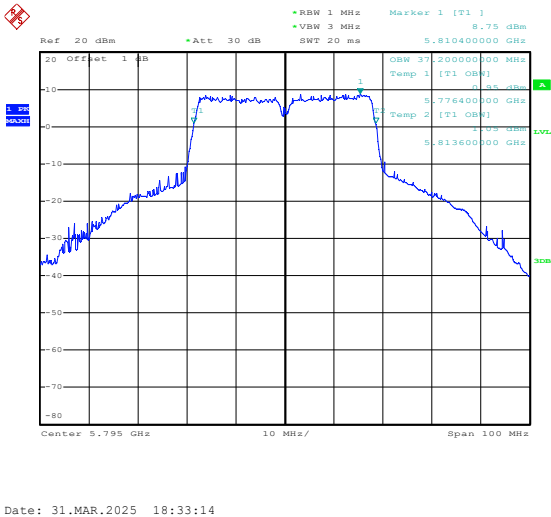
802.11a-Low	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 7.91 dBm VSWR 1 MHz 5.75150000 GHz SWT 20 ms OSW 17.30000000 MHz Temp 1 [T1 OBW] -1.88 dBm 5.73640000 GHz Temp 2 [T1 OBW] -1.88 dBm 5.75370000 GHz Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:27:33
802.11a-Middle	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 7.87 dBm VSWR 1 MHz 5.78500000 GHz SWT 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 VSWR 1 MHz 5.83340000 GHz SWT 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

[illegible]

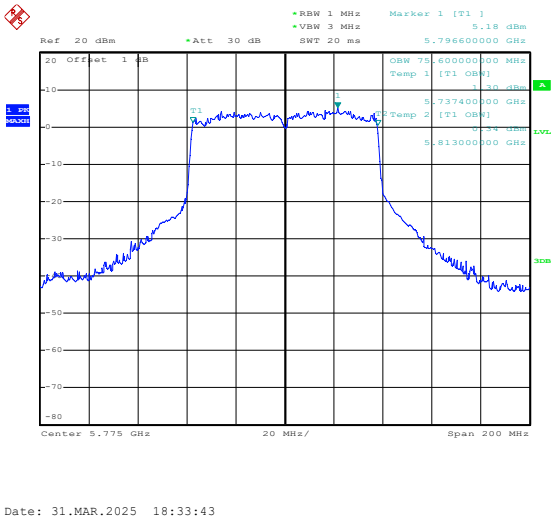
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] 8.56 dBm OSW 37.40000000 MHz Temp 1 [T1] 0.00 dBm Temp 2 [T1] 0.00 dBm 5.740400000 GHz 5.736400000 GHz 5.738000000 GHz Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 31.MAR.2025 18:30:25
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] 8.99 dBm OSW 37.40000000 MHz Temp 1 [T1] 0.00 dBm Temp 2 [T1] 0.00 dBm 5.806600000 GHz 5.776400000 GHz 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 *Att 30 dB SWT 20 ms Marker 1 [T1] 6.41 dBm OSW 18.00000000 MHz Temp 1 [T1] 0.00 dBm Temp 2 [T1] 0.00 dBm 5.738400000 GHz 5.736000000 GHz 5.754000000 GHz Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 31.MAR.2025 18:31:20

Channel	Plot	Ref	Att	SWT	Marker	OBW	Temp 1	Temp 2	Center	Span	Date
802.11ac-VHT20-Middle		20 dBm	30 dB	20 ms	1 [T1]	18.10000000 MHz	1 [T1] OBW	1 [T1] OBW	5.785 GHz	50 MHz	31.MAR.2025 18:31:56
802.11ac-VHT20-High		20 dBm	30 dB	20 ms	1 [T1]	18.00000000 MHz	1 [T1] OBW	1 [T1] OBW	5.825 GHz	50 MHz	31.MAR.2025 18:32:20
802.11ac-VHT40-Low		20 dBm	30 dB	20 ms	1 [T1]	37.20000000 MHz	1 [T1] OBW	1 [T1] OBW	5.795 GHz	100 MHz	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
Offset: 1 dB
Att: 30 dB
RBW: 1 MHz
VBW: 3 MHz
SWT: 20 ms

Center: 5.18 GHz
Span: 40 MHz
4 MHz/div

Tx Channel
Bandwidth: 20 MHz
Power: 15.81 dBm

Date: 31.MAR.2025 14:40:14

802.11a-Middle

Ref: 20 dBm
Offset: 1 dB
Att: 30 dB
RBW: 1 MHz
VBW: 3 MHz
SWT: 20 ms

Center: 5.2 GHz
Span: 40 MHz
4 MHz/div

Tx Channel
Bandwidth: 20 MHz
Power: 15.63 dBm

Date: 31.MAR.2025 14:41:08

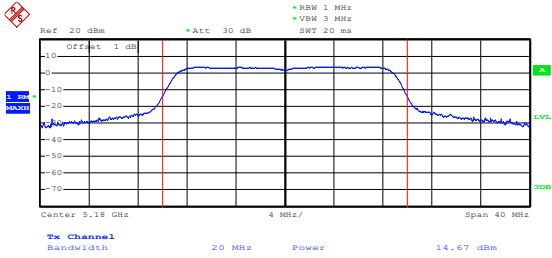
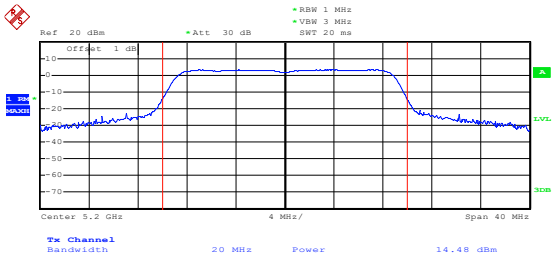
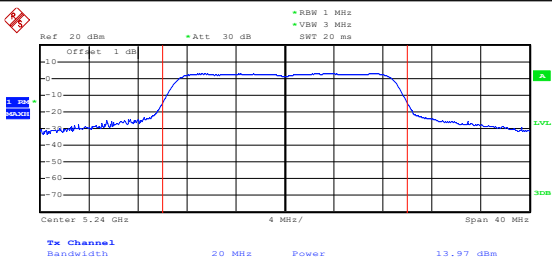
802.11a-High

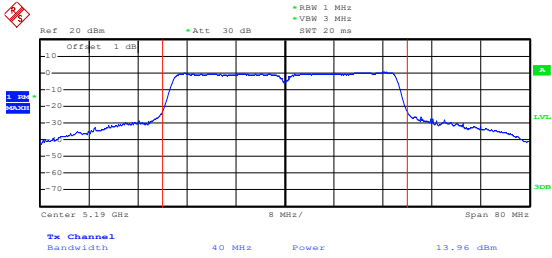
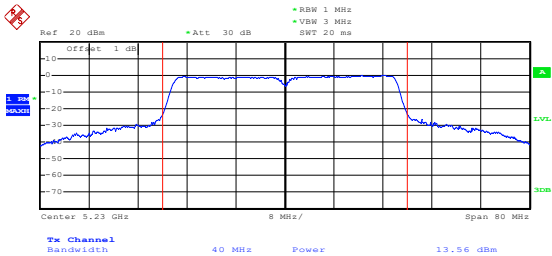
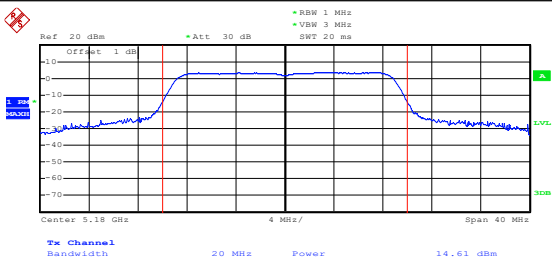
Ref: 20 dBm
Offset: 1 dB
Att: 30 dB
RBW: 1 MHz
VBW: 3 MHz
SWT: 20 ms

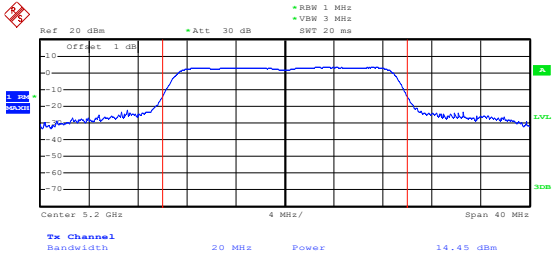
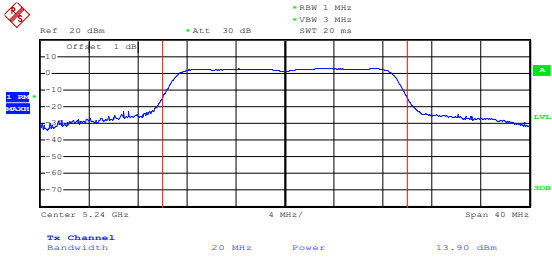
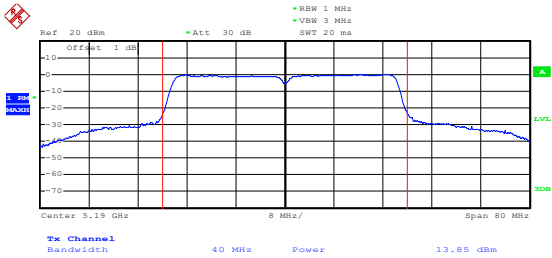
Center: 5.24 GHz
Span: 40 MHz
4 MHz/div

Tx Channel
Bandwidth: 20 MHz
Power: 15.10 dBm

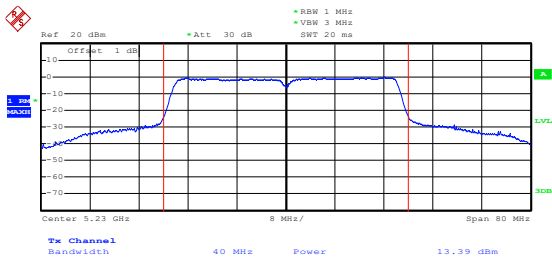
Date: 31.MAR.2025 14:42:23

802.11n-HT20-Low	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.18 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 14.67 dBm Date: 31.MAR.2025 14:42:58
802.11n-HT20-Middle	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.2 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 14.48 dBm Date: 31.MAR.2025 14:43:43
802.11n-HT20-High	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.24 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 13.97 dBm 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

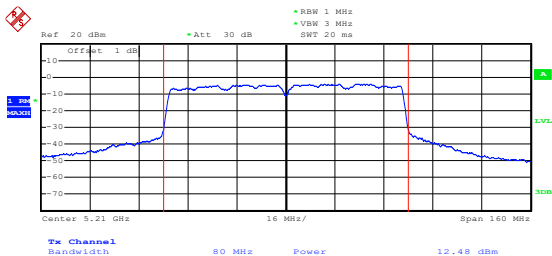
802.11ac-VHT20-Middle	 Date: 31.MAR.2025 14:50:13
802.11ac-VHT20-High	 Date: 31.MAR.2025 14:53:21
802.11ac-VHT40-Low	 Date: 31.MAR.2025 14:54:00

802.11ac-VHT40-High



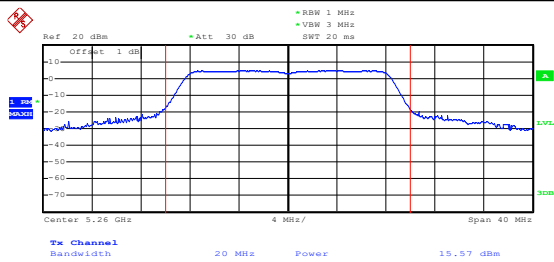
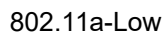
Date: 31.MAR.2025 14:54:38

802.11ac-VHT80-Low

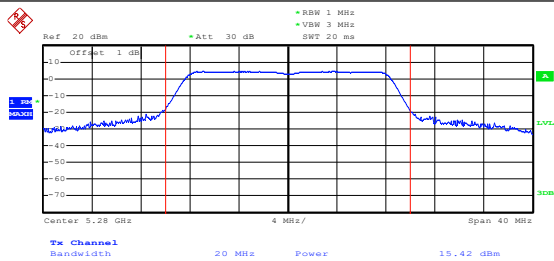
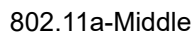


Date: 31.MAR.2025 14:55:32

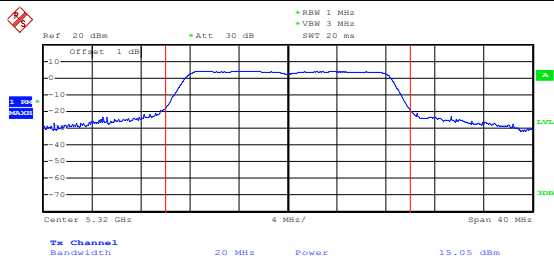
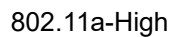
5250-5350MHz



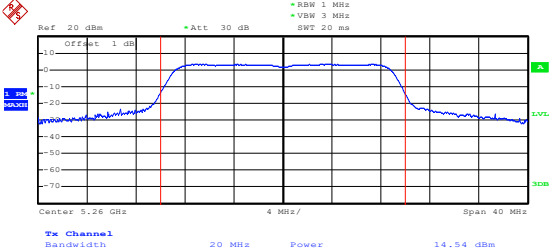
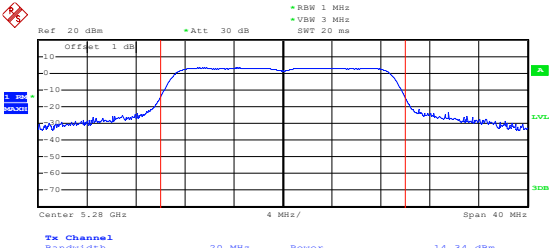
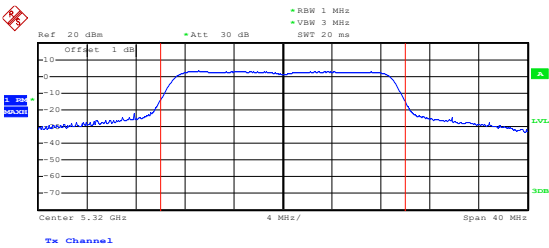
Date: 31.MAR.2025 15:23:23

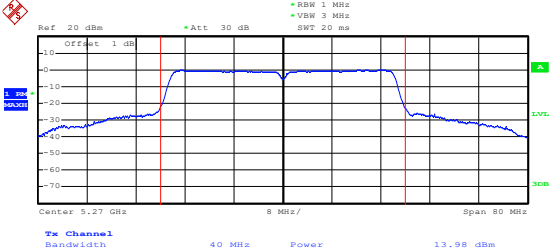
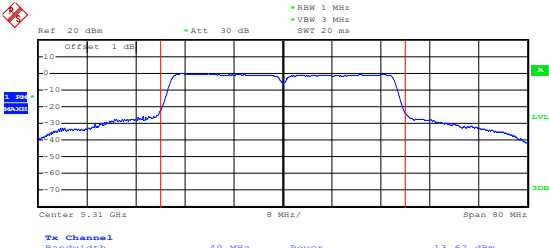
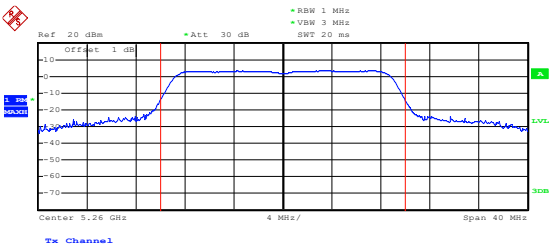


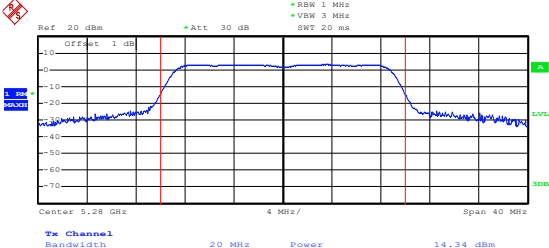
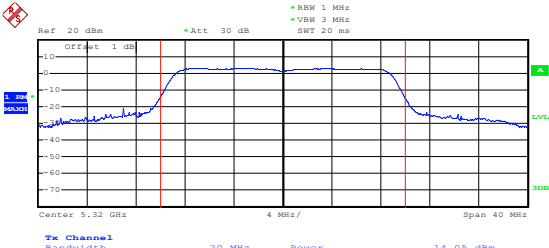
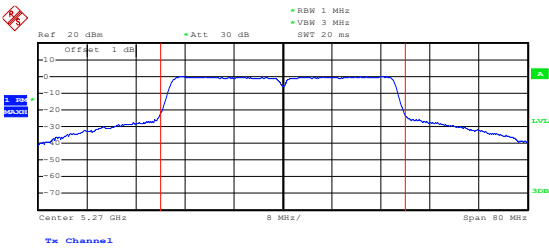
Date: 31.MAR.2025 15:23:57



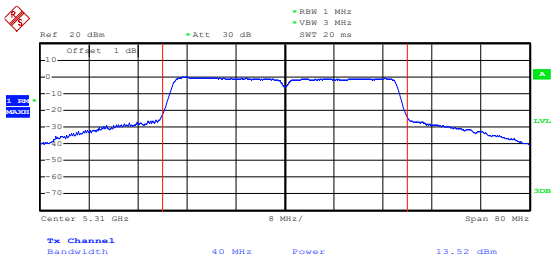
Date: 31.MAR.2025 15:25:42

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	 Date: 31.MAR.2025 15:34:08
802.11n-HT40-High	 Date: 31.MAR.2025 15:35:18
802.11ac-VHT20-Low	 Date: 31.MAR.2025 15:36:21

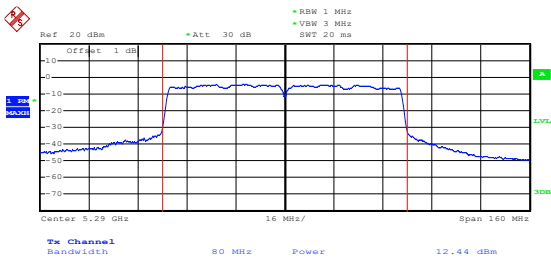
802.11ac-VHT20-Middle	 Date: 31.MAR.2025 15:36:45
802.11ac-VHT20-High	 Date: 31.MAR.2025 15:38:51
802.11ac-VHT40-Low	 Date: 31.MAR.2025 15:40:02

802.11ac-VHT40-High



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

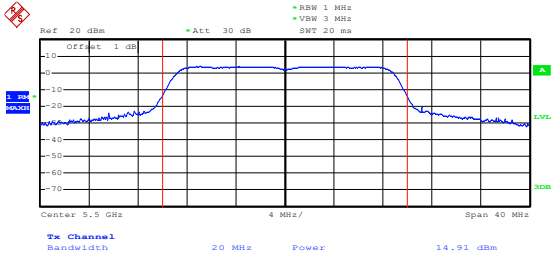
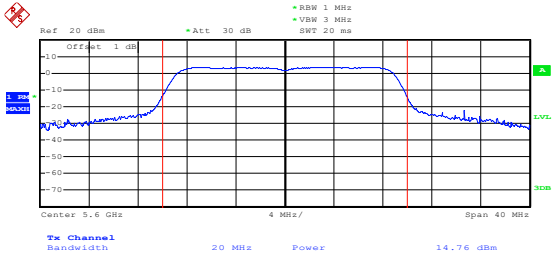
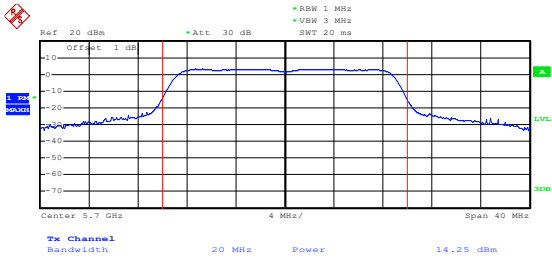
802.11ac-VHT80-Low



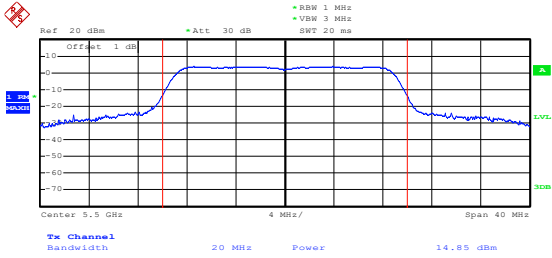
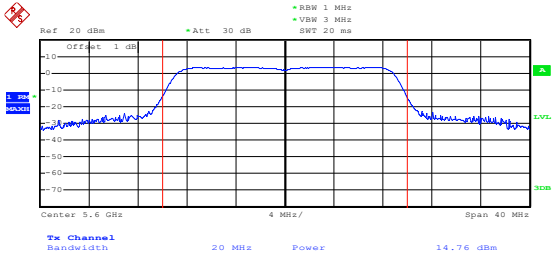
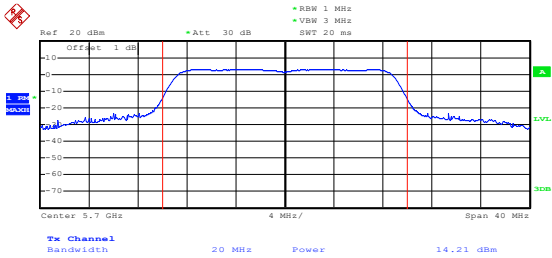
Date: 31.MAR.2025 15:41:41

5470-5725MHz

802.11a-Low	Ref: 20 dBm, Offset: 1 dB, Att: 30 dB, RBW: 1 MHz, VBW: 3 MHz, SWT: 20 ms Center 5.5 GHz, 4 MHz, Span 40 MHz Tx Channel 1, Bandwidth 20 MHz, Power 16.08 dBm Date: 31.MAR.2025 15:53:35
802.11a-Middle	Ref: 20 dBm, Offset: 1 dB, Att: 30 dB, RBW: 1 MHz, VBW: 3 MHz, SWT: 20 ms Center 5.6 GHz, 4 MHz, Span 40 MHz Tx Channel 1, Bandwidth 20 MHz, Power 15.78 dBm Date: 31.MAR.2025 15:54:04
802.11a-High	Ref: 20 dBm, Offset: 1 dB, Att: 30 dB, RBW: 1 MHz, VBW: 3 MHz, SWT: 20 ms Center 5.7 GHz, 4 MHz, Span 40 MHz Tx Channel 1, Bandwidth 20 MHz, Power 15.23 dBm Date: 31.MAR.2025 15:55:46

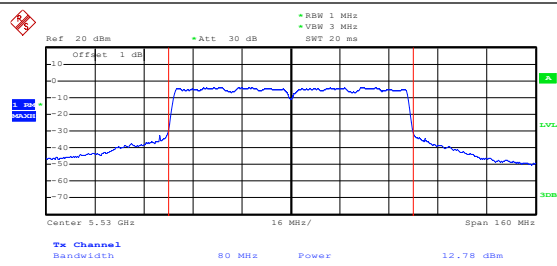
802.11n-HT20-Low	 Date: 31.MAR.2025 16:12:45
802.11n-HT20-Middle	 Date: 31.MAR.2025 16:13:08
802.11n-HT20-High	 Date: 31.MAR.2025 16:13:55

802.11n-HT40-Low	Date: 31.MAR.2025 16:15:28
802.11n-HT40-Middle	Date: 31.MAR.2025 16:16:16
802.11n-HT40-High	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

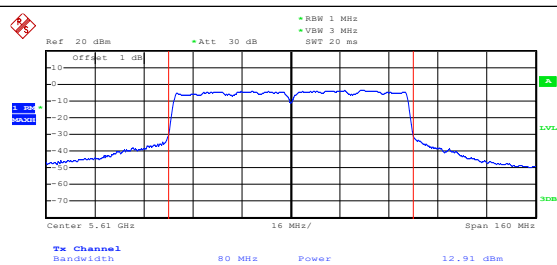
802.11ac-VHT40-Low	Date: 31.MAR.2025 16:20:33
802.11ac-VHT40-Middle	Date: 31.MAR.2025 16:21:02
802.11ac-VHT40-High	Date: 31.MAR.2025 16:21:56

802.11ac-VHT80-Low



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

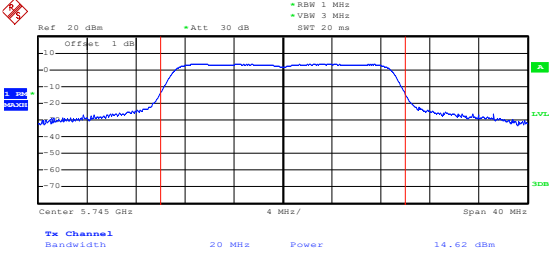
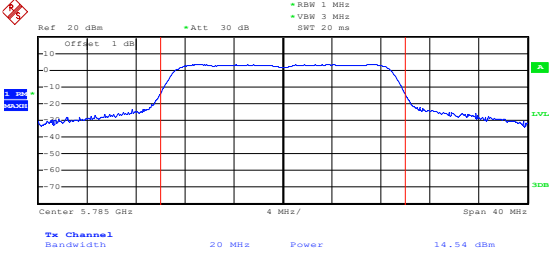
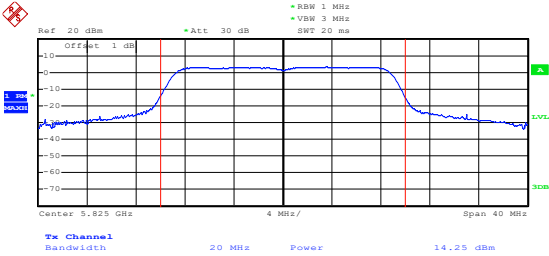
802.11ac-VHT80-High

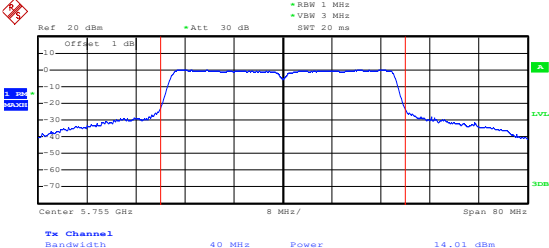
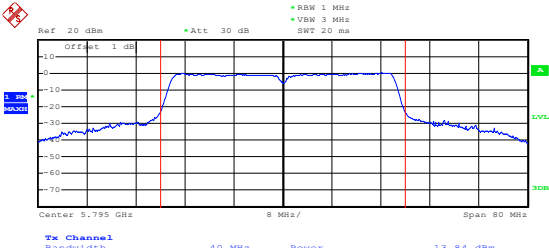
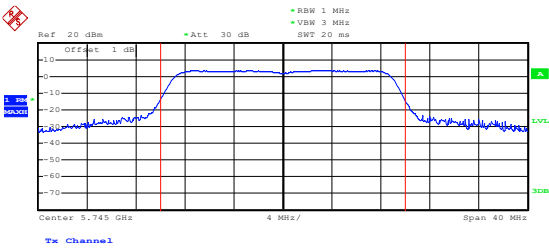


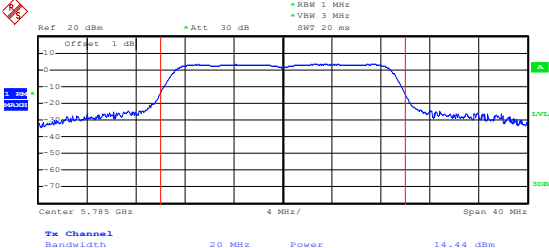
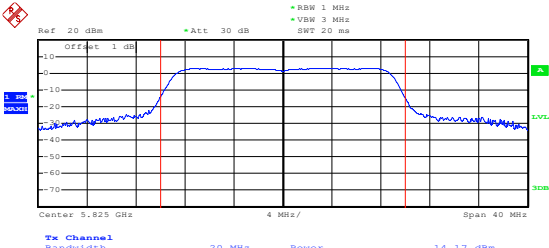
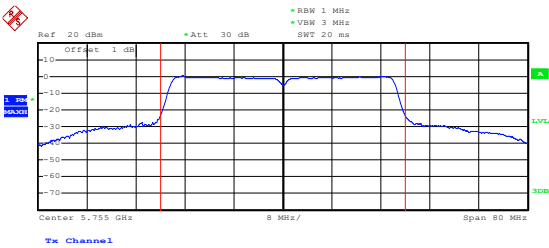
Date: 31.MAR.2025 16:24:20

5725-5850MHz

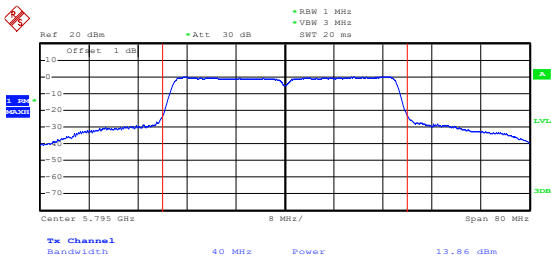
802.11a-Low	Date: 31.MAR.2025 16:39:24
802.11a-Middle	Date: 31.MAR.2025 16:39:50
802.11a-High	Date: 31.MAR.2025 16:40:51

802.11n-HT20-Low	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.745 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 14.62 dBm Date: 31.MAR.2025 16:41:30
802.11n-HT20-Middle	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.785 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 14.54 dBm Date: 31.MAR.2025 16:42:02
802.11n-HT20-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 Tx Channel Bandwidth: 20 MHz Power: 14.25 dBm 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

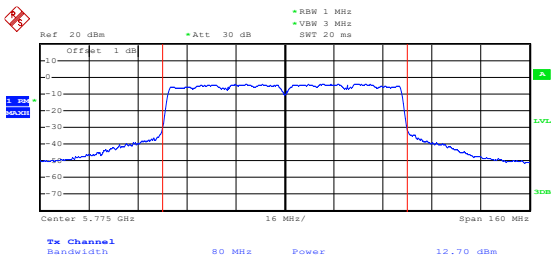
802.11ac-VHT20-Middle	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ns Center: 5.755 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 14.44 dBm Date: 31.MAR.2025 16:45:06
802.11ac-VHT20-High	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ns Center: 5.825 GHz Span: 40 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 ns Center: 5.755 GHz Span: 80 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 *****