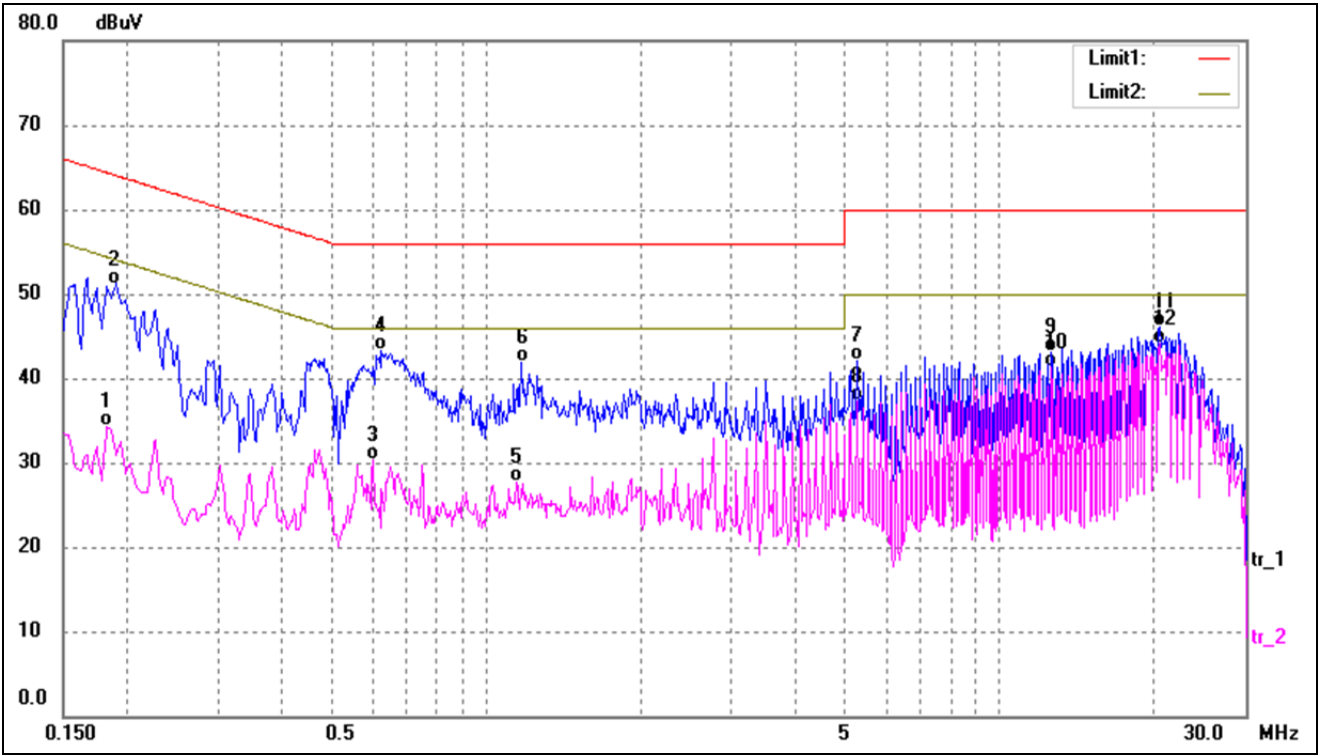


Test Mode	Communication	AC120V 60Hz	Polarity:	Line
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1819	24.60	9.64	34.24	54.39	-20.15	AVG
2	0.1900	41.59	9.61	51.20	64.03	-12.83	QP
3	0.6020	20.68	9.71	30.39	46.00	-15.61	AVG
4	0.6260	33.64	9.70	43.34	56.00	-12.66	QP
5	1.1460	18.09	9.66	27.75	46.00	-18.25	AVG
6	1.1700	32.24	9.66	41.90	56.00	-14.10	QP
7	5.2580	32.40	9.72	42.12	60.00	-17.88	QP
8	5.2580	27.64	9.72	37.36	50.00	-12.64	AVG
9	12.5620	33.13	9.91	43.04	60.00	-16.96	QP
10	12.5620	31.42	9.91	41.33	50.00	-8.67	AVG
11	20.4500	35.80	10.22	46.02	60.00	-13.98	QP
12*	20.4500	33.92	10.22	44.14	50.00	-5.86	AVG

APPENDIX SUMMARY

Project No.	WTH24X10240287W	Test Engineer	Timi Huang
Start date	2024/10/25	Finish date	2024/10/25
Temperature	23℃	Humidity	56%
RF specifications	U-NII		

APPENDIX	Description of Test Item	Result
A	Power Spectral Density	Compliant
B	Emission Bandwidth and Occupied Bandwidth	Compliant
C	Maximum Conducted Output Power	Compliant
D	Frequency Stability	Compliant

APPENDIX A

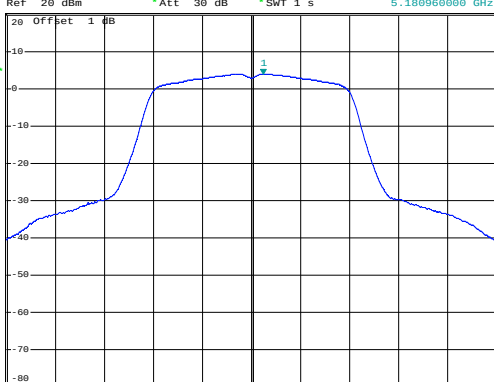
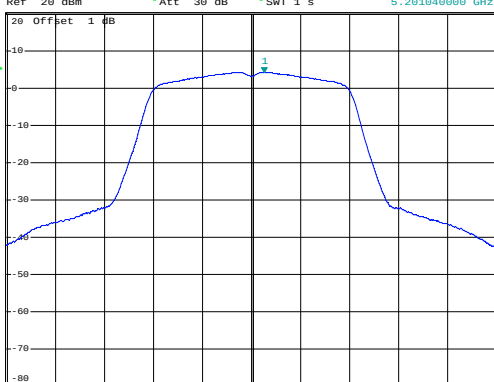
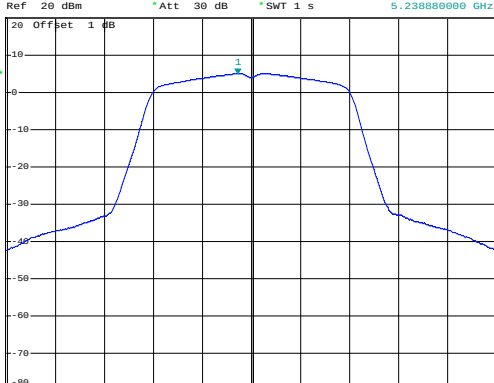
Power Spectral Density					
U-NII-1:5150-5250MHz					
Operating mode	Test Channel	ANT 1 dBm/MHz	ANT 2 dBm/MHz	Total dBm/MHz	Limit (dBm/MHz)
802.11a	5180	3.94	3.95	/	11
	5200	4.16	4.00	/	11
	5240	4.94	4.93	/	11
802.11n-HT20	5180	2.21	2.07	5.15	11
	5200	2.29	2.12	5.22	11
	5240	3.09	2.97	6.04	11
802.11n-HT40	5190	-1.64	-1.86	1.26	11
	5230	-0.97	-1.12	1.97	11
802.11ac-VHT20	5180	2.19	2.22	5.22	11
	5200	2.31	2.14	5.24	11
	5240	3.13	2.93	6.04	11
802.11ac-VHT40	5190	-1.65	-1.84	1.27	11
	5230	-0.92	-1.17	1.97	11
802.11ac-VHT80	5210	-4.72	-4.83	-1.76	11

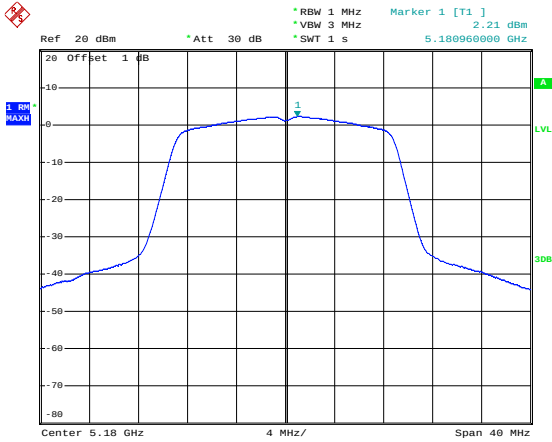
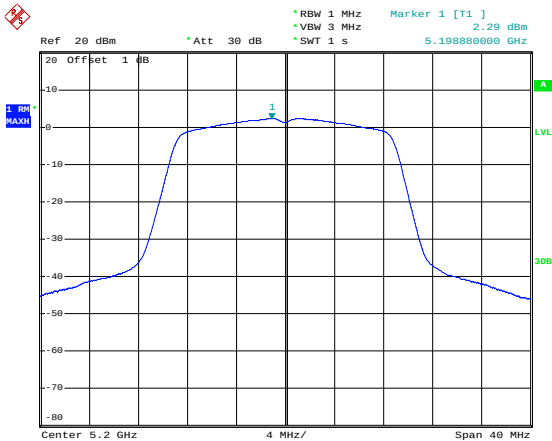
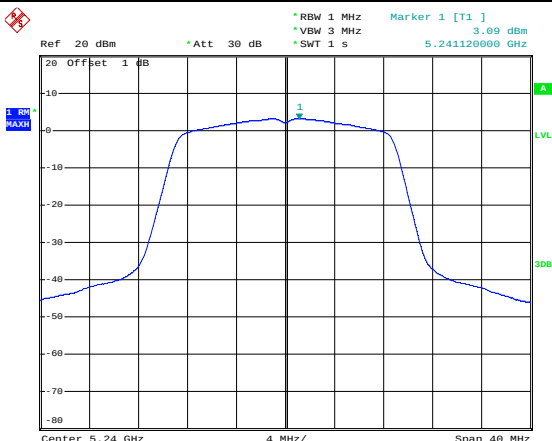
Power Spectral Density							
U-NII-3: 5725-5850MHz							
Operating mode	Test Channel	ANT 1 dBm/300kHz	ANT 2 dBm/300kHz	Factor	ANT 1 dBm/500kHz*	ANT 2 dBm/500kHz*	Limit dBm/500kHz
802.11a	5745	-1.39	-1.60	2.22	0.83	0.62	30
	5785	-1.00	-1.14	2.22	1.22	1.08	30
	5825	-0.62	-0.68	2.22	1.6	1.54	30
*Note: Maximum PSD=PSD(dBm/300kHz)+10log(500kHz/300kHz)=2.22							

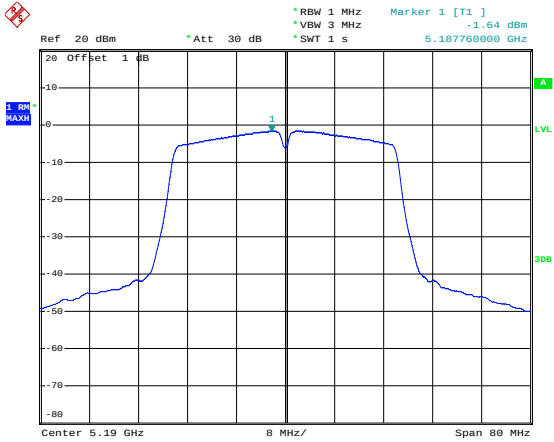
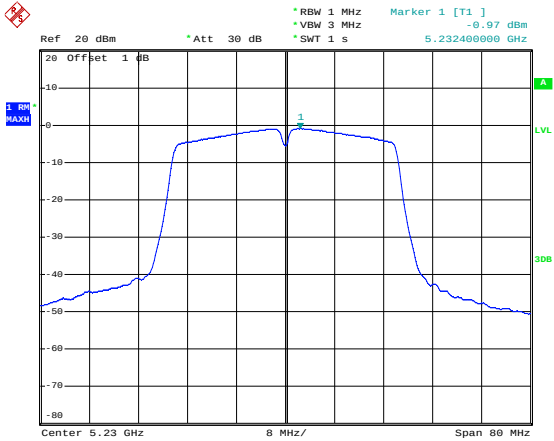
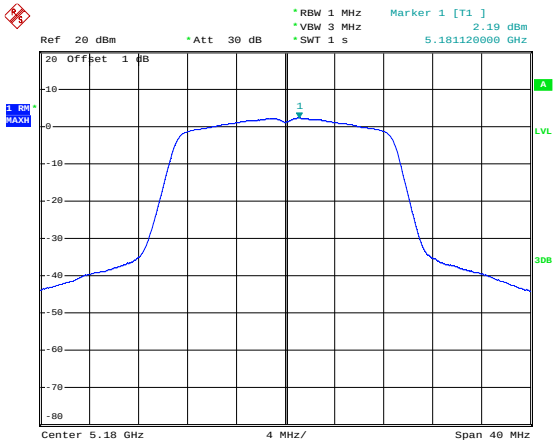
Power Spectral Density						
U-NII-3: 5725-5850MHz						
Operating mode	Test Channel	ANT 1 dBm/300kHz	ANT 2 dBm/300kHz	Factor	Total dBm/500kHz*	Limit dBm/500kHz
802.11n-HT20	5745	-2.29	-2.46	2.22	2.86	30
	5785	-1.94	-2.07	2.22	3.23	30
	5825	-1.48	-1.46	2.22	3.76	30

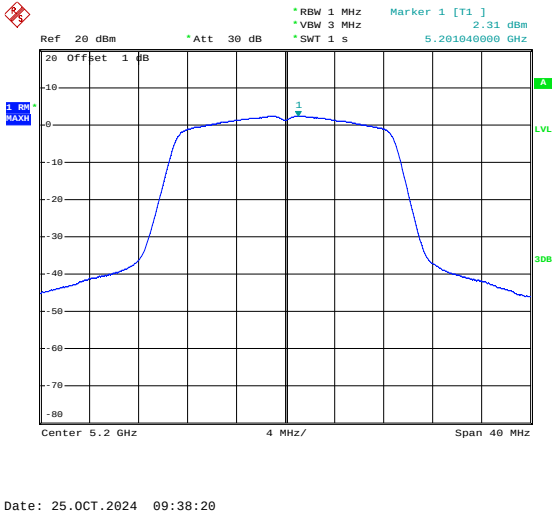
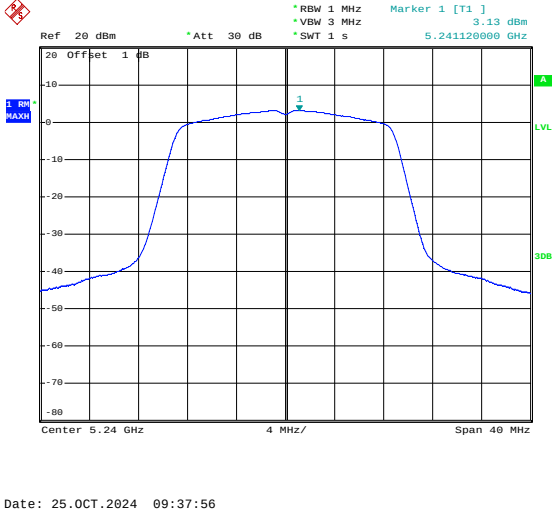
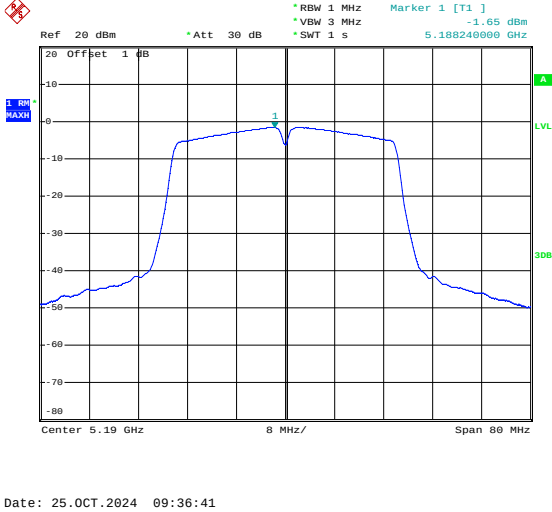
802.11n-HT40	5755	-6.29	-6.58	2.22	-1.2	30
	5795	-5.94	-5.96	2.22	-0.72	30
802.11ac-VHT20	5745	-2.21	-2.44	2.22	2.91	30
	5785	-1.87	-1.95	2.22	3.32	30
	5825	-1.43	-1.50	2.22	3.77	30
802.11ac-VHT40	5755	-6.27	-6.47	2.22	-1.14	30
	5795	-6.02	-5.95	2.22	-0.75	30
802.11ac-VHT80	5775	-10.34	-10.39	2.22	-5.13	30
*Note: Maximum PSD=PSD(dBm/300kHz)+10log(500kHz/300kHz)=2.22						

ANT 1
5150-5250MHz

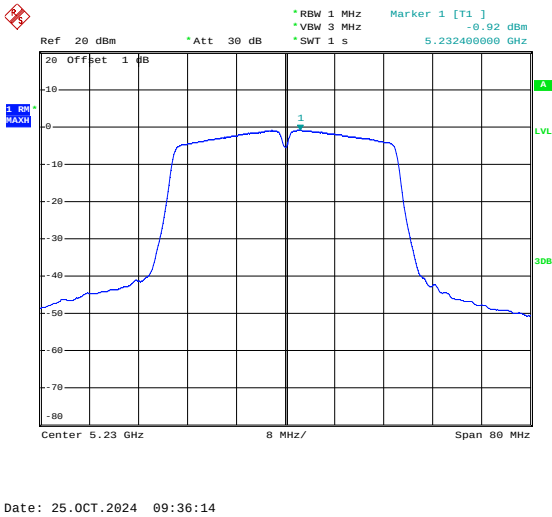
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802.11a-Middle	 Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 4.16 dBm *VBW 3 MHz *SWT 1 s 5.201040000 GHz Center 5.2 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:40:42
802.11a-High	 Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 4.94 dBm *VBW 3 MHz *SWT 1 s 5.238880000 GHz Center 5.24 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:40:10

802.11n-HT20-Low	 Date: 25.OCT.2024 09:38:59
802.11n-HT20-Middle	 Date: 25.OCT.2024 09:39:22
802.11n-HT20-High	 Date: 25.OCT.2024 09:39:47

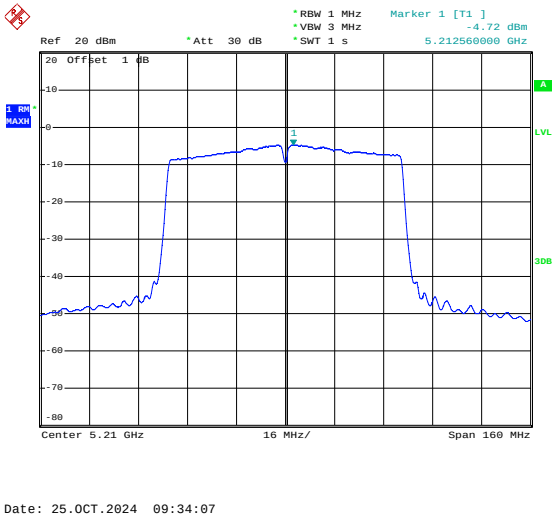
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802.11n-HT40-High	 Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] -0.97 dBm *VBW 3 MHz *SWT 1 s 5.23240000 GHz Center 5.23 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 09:37:21
802.11ac-VHT20-Low	 Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 2.19 dBm *VBW 3 MHz *SWT 1 s 5.18120000 GHz Center 5.18 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:38:41

802.11ac-VHT20-Middle	 Date: 25.OCT.2024 09:38:20
802.11ac-VHT20-High	 Date: 25.OCT.2024 09:37:56
802.11ac-VHT40-Low	 Date: 25.OCT.2024 09:36:41

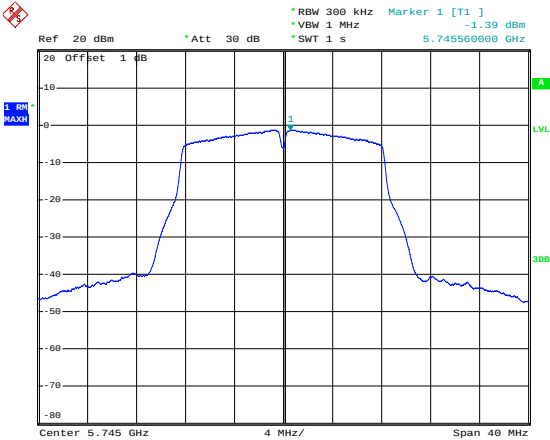
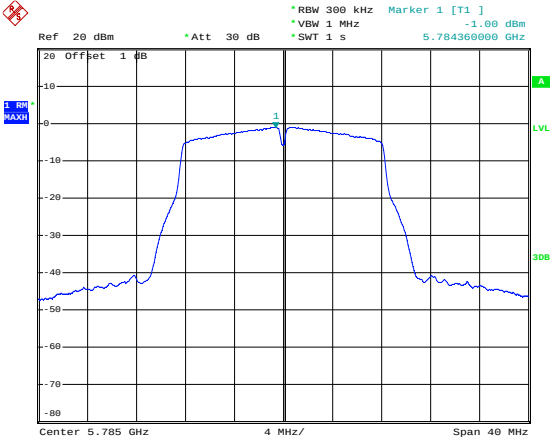
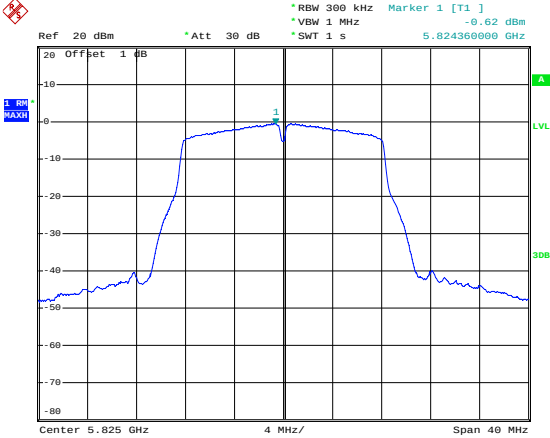
802.11ac-VHT40-High

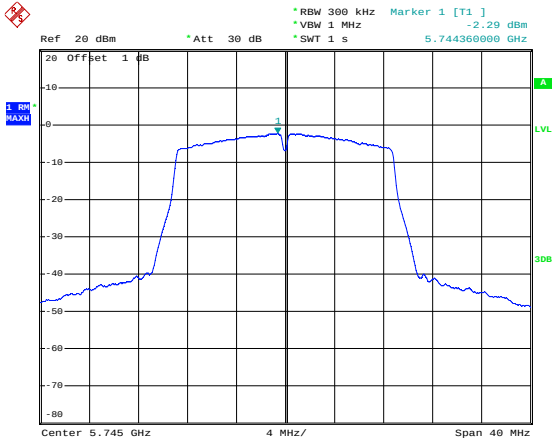
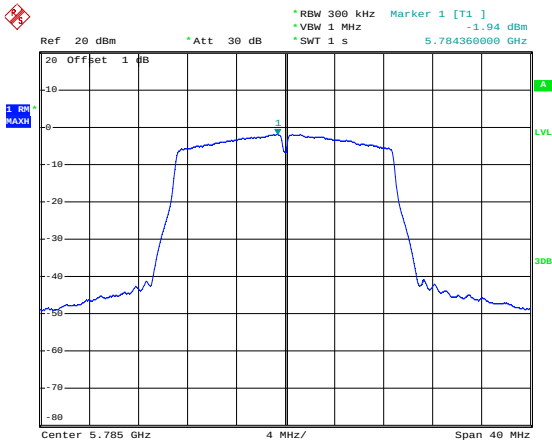
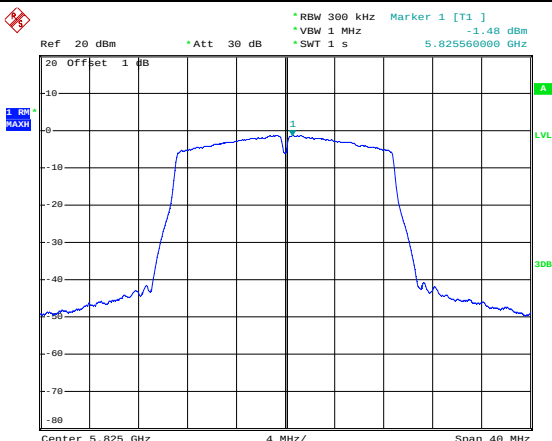


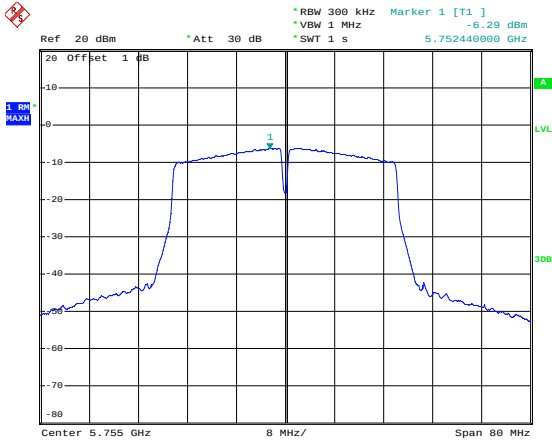
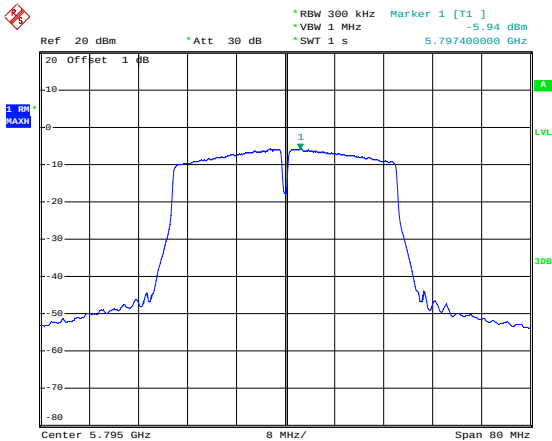
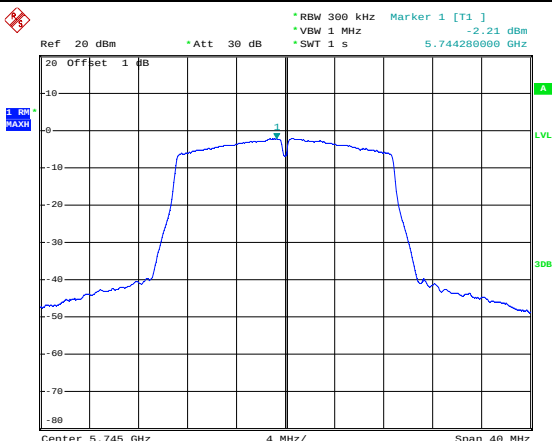
802.11ac-VHT80

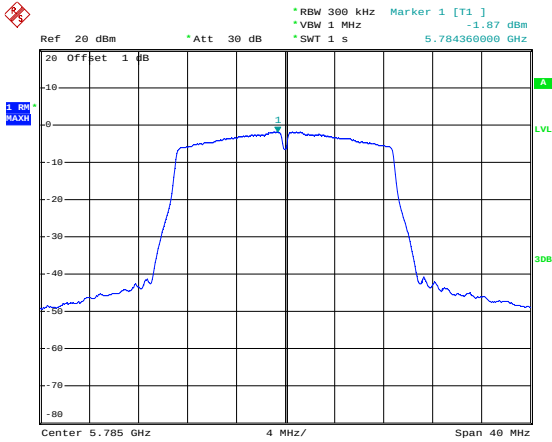
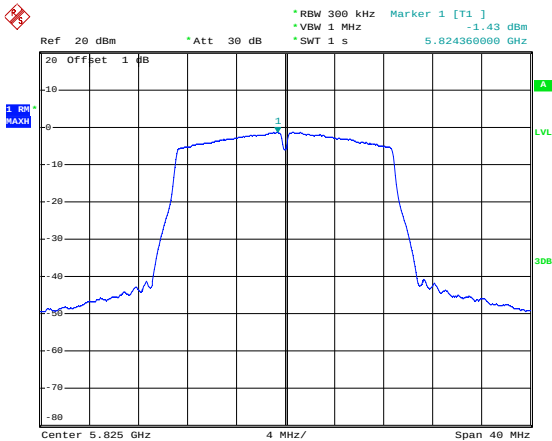
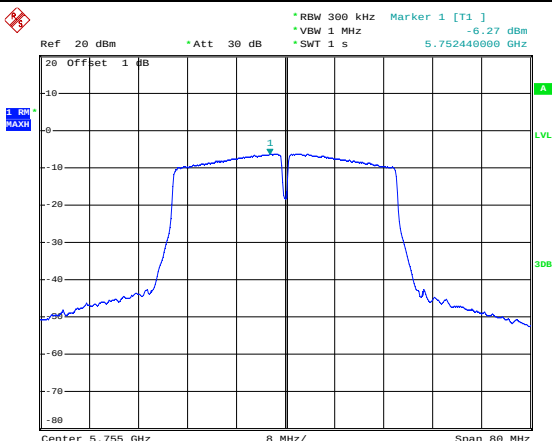


5725-5850MHz

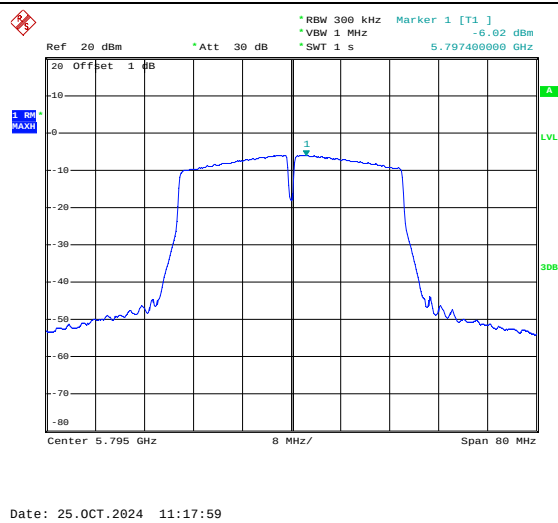
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802.11a-Middle	 Date: 25.OCT.2024 11:24:11
802.11a-High	 Date: 25.OCT.2024 11:22:42

802.11n-HT20-Low	 Date: 25.OCT.2024 11:21:53
802.11n-HT20-Middle	 Date: 25.OCT.2024 11:22:10
802.11n-HT20-High	 Date: 25.OCT.2024 11:22:27

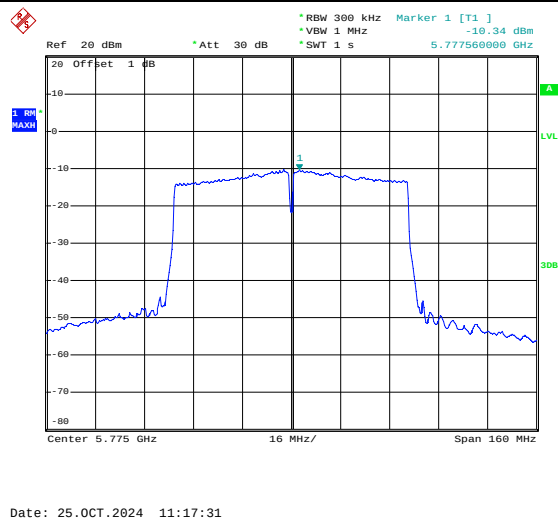
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] -5.29 dBm *VBW 1 MHz *SWT 1 s 5.752440000 GHz Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 11:18:42
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] -5.94 dBm *VBW 1 MHz *SWT 1 s 5.797400000 GHz Center 5.795 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 11:19:07
802.11ac-VHT20-Low	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] -2.21 dBm *VBW 1 MHz *SWT 1 s 5.744200000 GHz Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 11:21:36

802.11ac-VHT20-Middle	 Date: 25.OCT.2024 11:21:13
802.11ac-VHT20-High	 Date: 25.OCT.2024 11:20:50
802.11ac-VHT40-Low	 Date: 25.OCT.2024 11:18:20

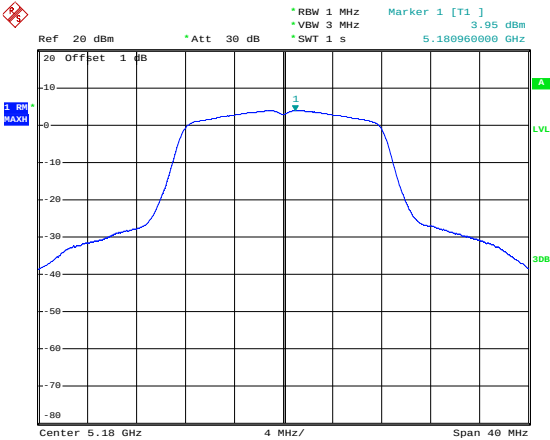
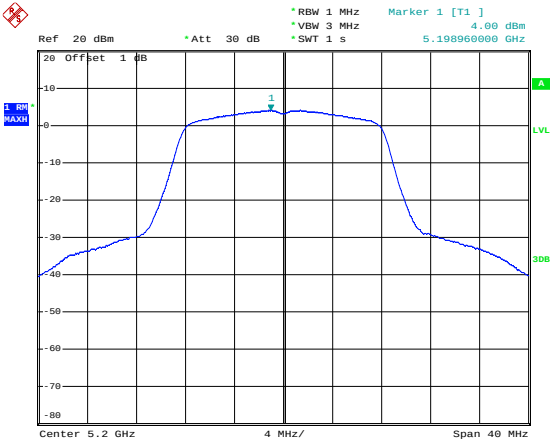
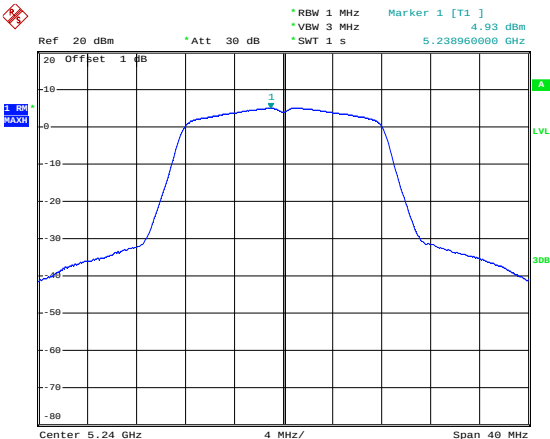
802.11ac-VHT40-High



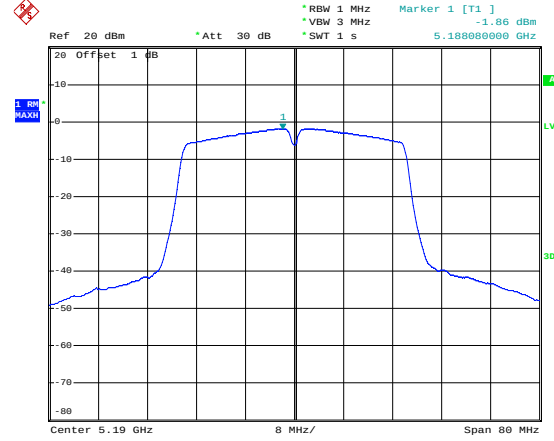
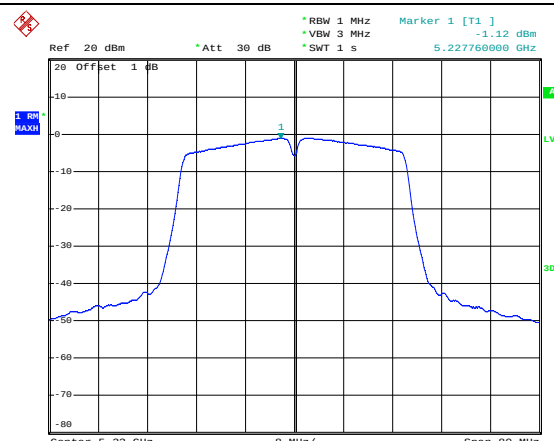
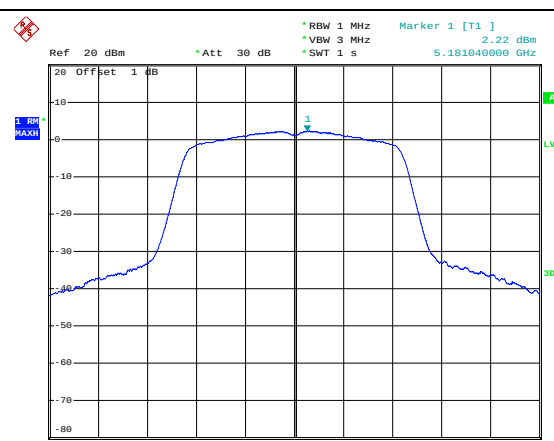
802.11ac-VHT80

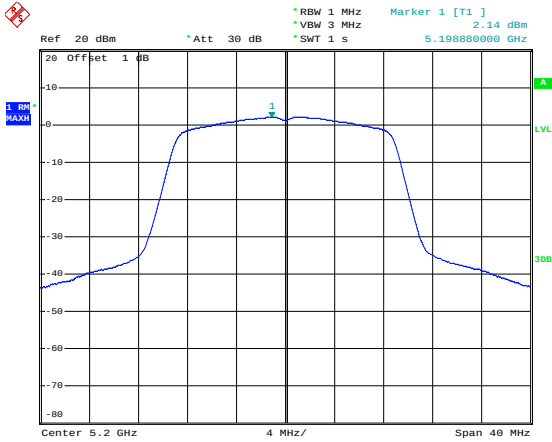
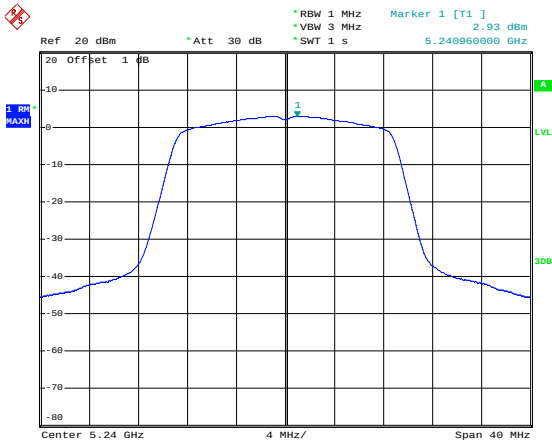
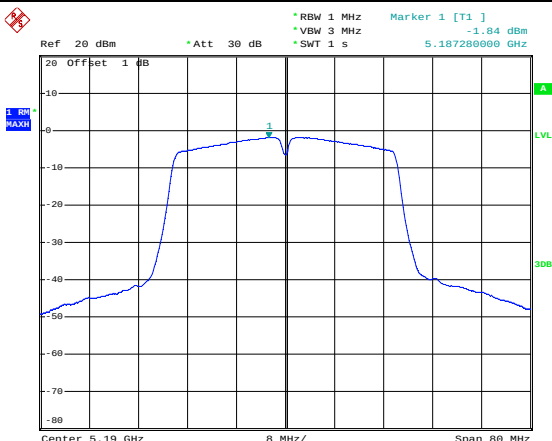


ANT 2
5150-5250MHz

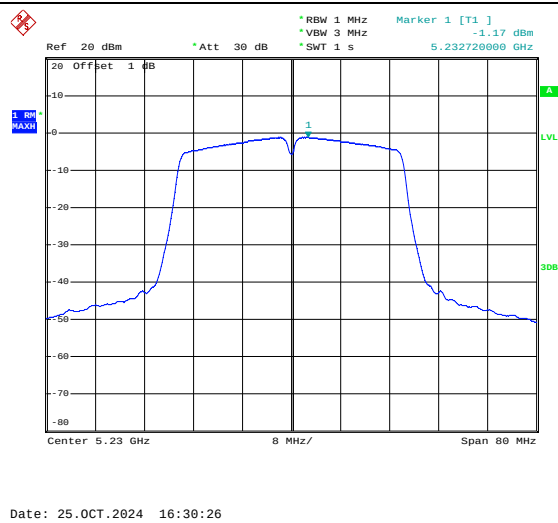
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802.11a-Middle	 Date: 25.OCT.2024 16:35:06
802.11a-High	 Date: 25.OCT.2024 16:34:40

802.11n-HT20-Low	Date: 25.OCT.2024 16:32:32
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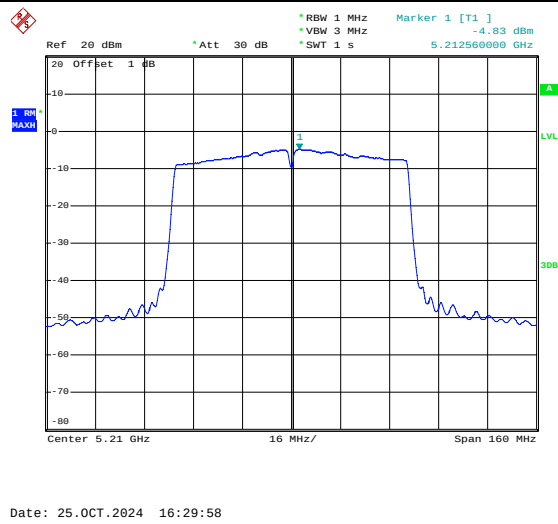
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802.11n-HT40-High	 Date: 25.OCT.2024 16:31:18
802.11ac-VHT20-Low	 Date: 25.OCT.2024 16:32:17

802.11ac-VHT20-Middle	 Ref 20 dBm *Att 30 dB *RBW 1 MHz *VBW 3 MHz *SWT 1 s Marker 1 [T1] 2.14 dBm 5.19880000 GHz Center 5.2 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 16:32:00
802.11ac-VHT20-High	 Ref 20 dBm *Att 30 dB *RBW 1 MHz *VBW 3 MHz *SWT 1 s Marker 1 [T1] 2.93 dBm 5.24096000 GHz Center 5.24 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 16:31:41
802.11ac-VHT40-Low	 Ref 20 dBm *Att 30 dB *RBW 1 MHz *VBW 3 MHz *SWT 1 s Marker 1 [T1] -1.84 dBm 5.18728000 GHz Center 5.19 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 16:30:45

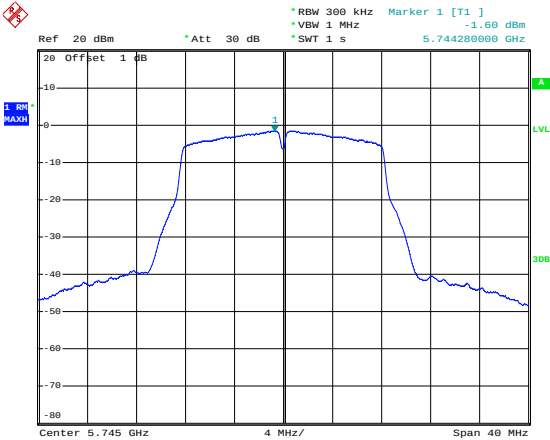
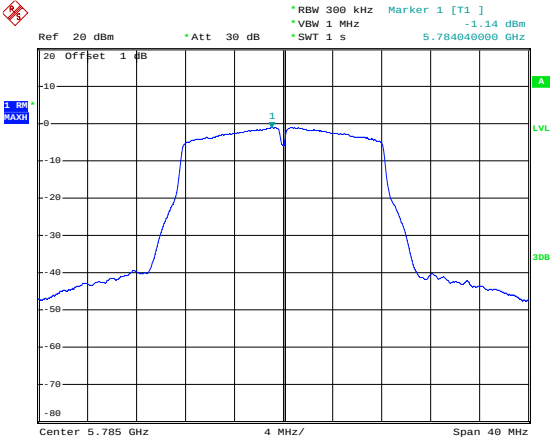
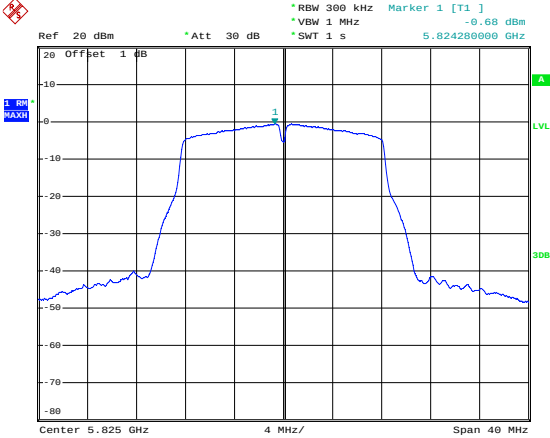
802.11ac-VHT40-High

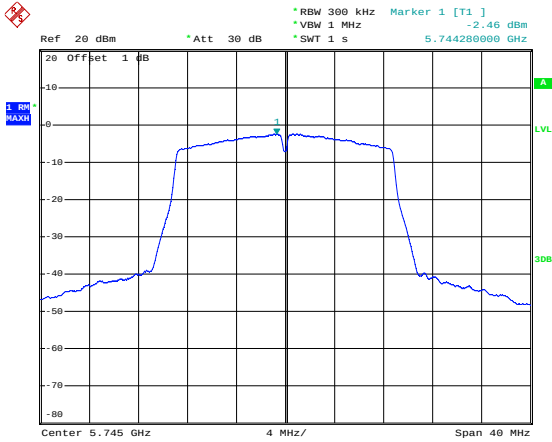
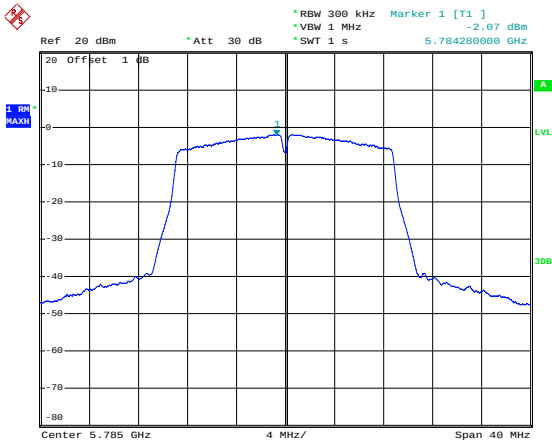
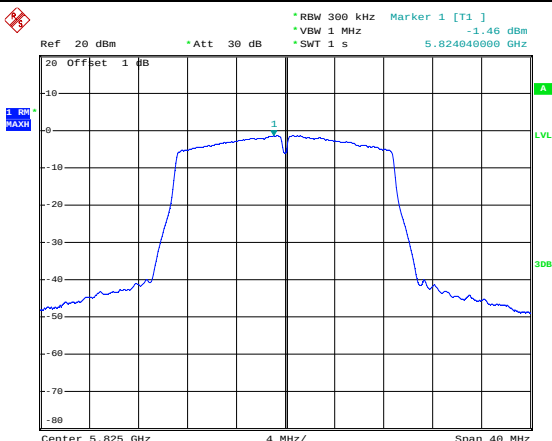


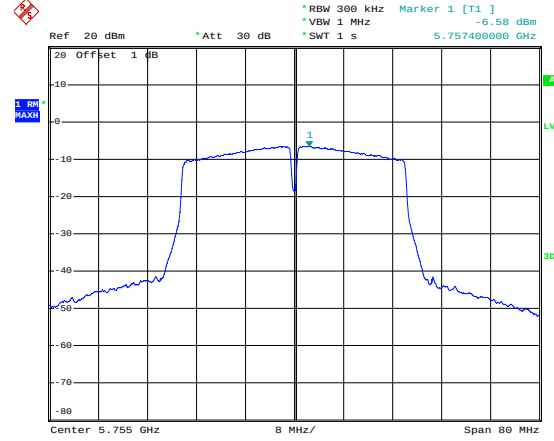
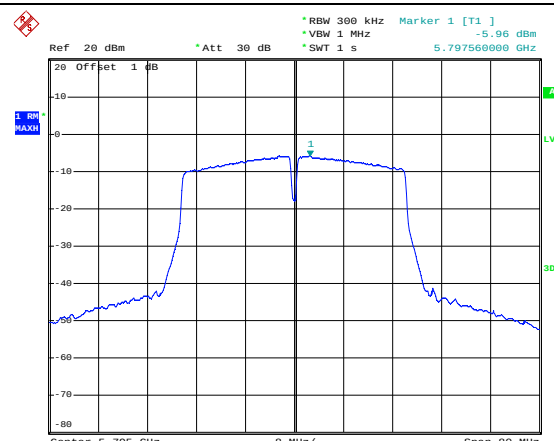
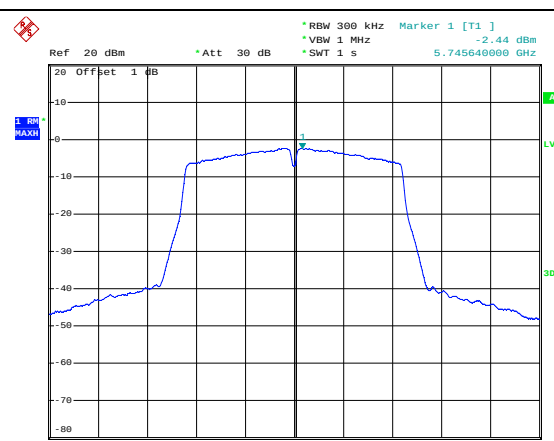
802.11ac-VHT80

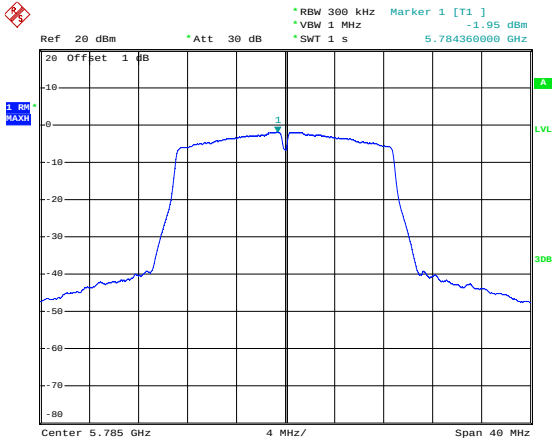
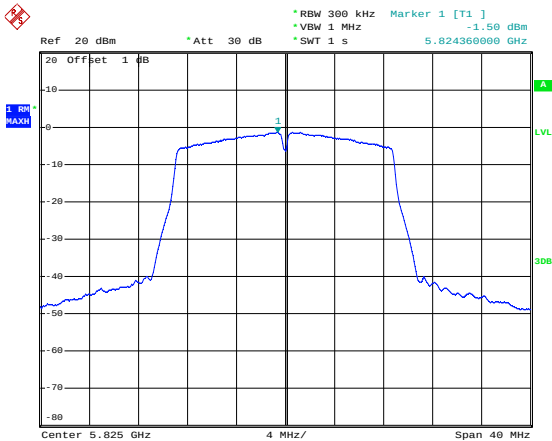
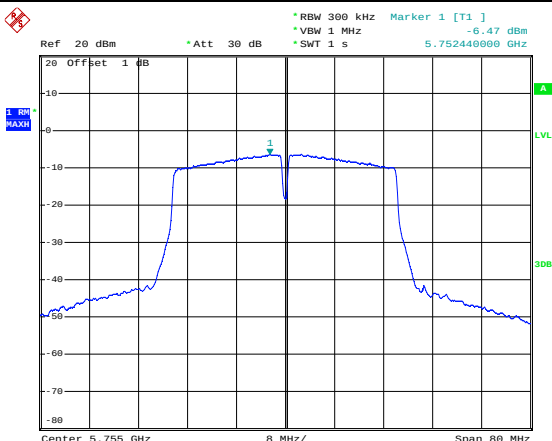


5725-5850MHz

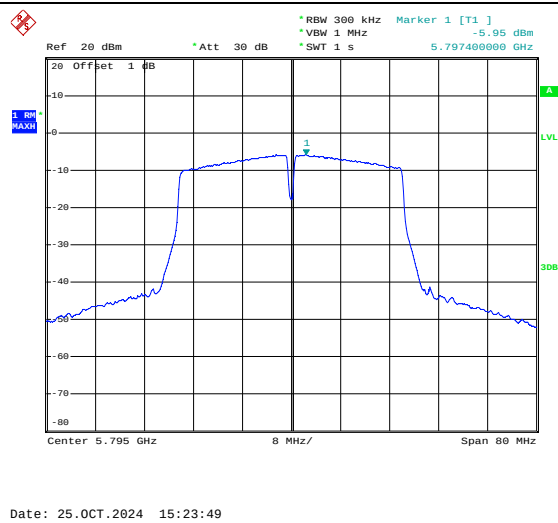
802.11a-Low	 Date: 25.OCT.2024 15:27:52
802.11a-Middle	 Date: 25.OCT.2024 15:27:27
802.11a-High	 Date: 25.OCT.2024 15:27:01

802.11n-HT20-Low	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] -2.46 dBm *VBW 1 MHz *SWT 1 s 5.744280000 GHz Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:26:07
802.11n-HT20-Middle	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] -2.07 dBm *VBW 1 MHz *SWT 1 s 5.784280000 GHz Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:26:28
802.11n-HT20-High	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] -1.46 dBm *VBW 1 MHz *SWT 1 s 5.824040000 GHz Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:26:46

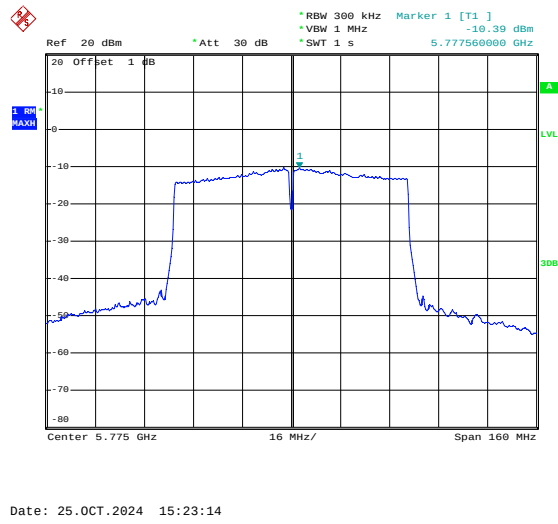
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802.11n-HT40-High	 Date: 25.OCT.2024 15:24:48
802.11ac-VHT20-Low	 Date: 25.OCT.2024 15:25:52

802.11ac-VHT20-Middle	 Date: 25.OCT.2024 15:25:31
802.11ac-VHT20-High	 Date: 25.OCT.2024 15:25:10
802.11ac-VHT40-Low	 Date: 25.OCT.2024 15:24:12

802.11ac-VHT40-High



802.11ac-VHT80



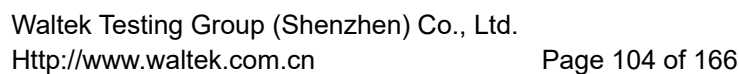
APPENDIX B

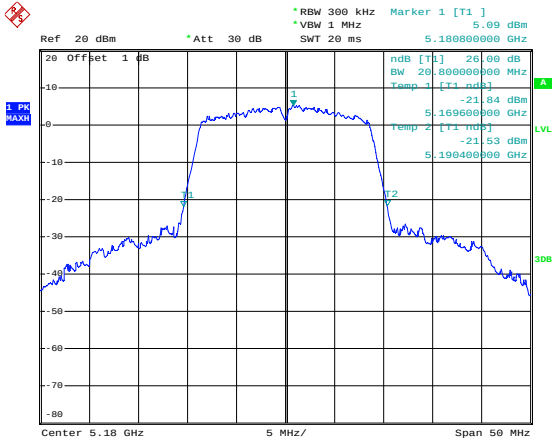
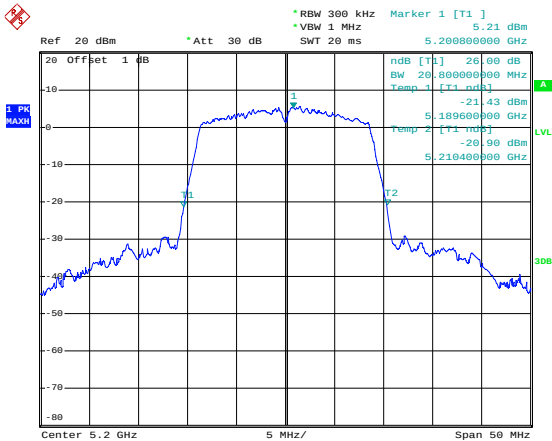
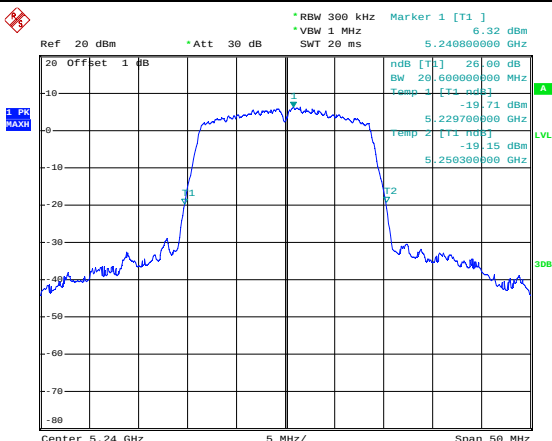
Emission Bandwidth and Occupied Bandwidth

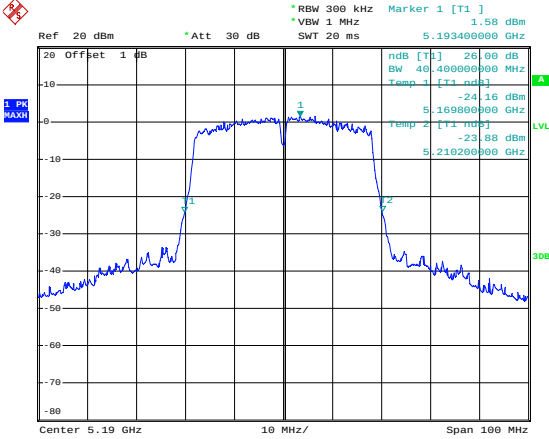
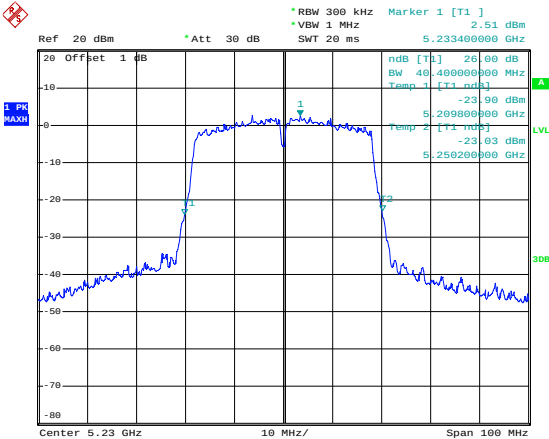
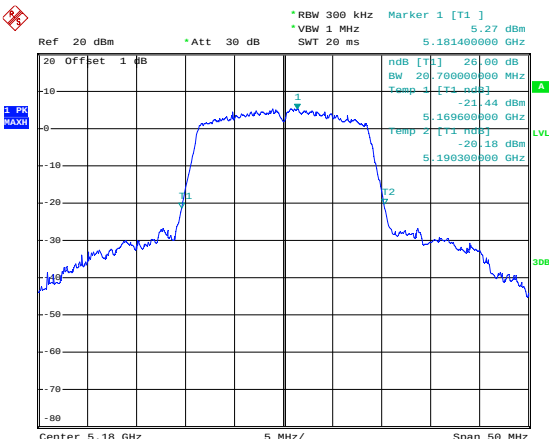
U-NII-1:5150-5250MHz						
Test Mode	Test Channel MHz	ANT 1		ANT 2		Result
		26 dB Bandwidth MHz	99% Bandwidth MHz	26 dB Bandwidth MHz	99% Bandwidth MHz	
802.11a	5180	20.60	16.96	20.90	17.04	Pass
	5200	20.60	16.88	20.70	16.96	Pass
	5240	20.40	16.88	20.40	16.88	Pass
802.11n-HT20	5180	20.80	17.84	20.80	17.92	Pass
	5200	20.80	17.76	20.60	17.76	Pass
	5240	20.60	17.76	20.60	17.76	Pass
802.11n-HT40	5190	40.40	36.64	40.40	36.48	Pass
	5230	40.40	36.48	40.20	36.48	Pass
802.11ac-VHT20	5180	20.70	17.76	20.90	17.92	Pass
	5200	20.80	17.76	20.60	17.76	Pass
	5240	20.60	17.76	20.70	17.76	Pass
802.11ac-VHT40	5190	40.60	36.48	40.80	36.48	Pass
	5230	40.80	36.48	40.40	36.48	Pass
802.11ac-VHT80	5210	82.44	75.84	82.44	75.84	Pass

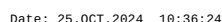
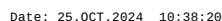
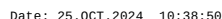
U-NII-3: 5725-5850MHz						
Test Mode	Test Channel MHz	ANT 1		ANT 2		Limit kHz
		6 dB Bandwidth MHz	99% Bandwidth MHz	6 dB Bandwidth MHz	99% Bandwidth MHz	
802.11a	5745	15.36	16.88	15.36	16.88	≥500
	5785	15.28	16.88	15.36	16.88	≥500
	5825	15.60	16.88	15.28	16.88	≥500
802.11n-HT20	5745	15.36	17.84	15.36	17.84	≥500
	5785	15.36	17.76	15.36	17.76	≥500
	5825	15.28	17.76	15.28	17.76	≥500

802.11n-HT40	5755	35.52	36.48	35.52	36.48	≥500
	5795	35.52	36.48	35.52	36.48	≥500
802.11ac-VHT20	5745	15.36	17.84	15.36	17.84	≥500
	5785	15.28	17.76	15.28	17.84	≥500
	5825	15.28	17.76	15.28	17.76	≥500
802.11ac-VHT40	5755	35.52	36.48	35.52	36.48	≥500
	5795	35.52	36.48	35.52	36.48	≥500
802.11ac-VHT80	5775	76.16	75.84	76.16	75.84	≥500

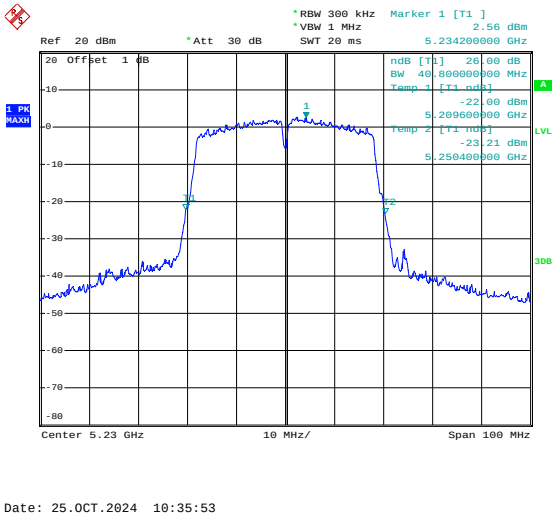


802.11n-HT20-Low	 Ref 20 dBm *Att 30 dB *RBW 300 kHz *VBW 1 MHz Marker 1 [T1] 5.180800000 GHz 20 Offset 1 dB ndB [T1] 26.00 dB BW 20.00000000 MHz Temp 1 [T1 ndB] -21.84 dBm 5.169600000 GHz Temp 2 [T1 ndB] -21.53 dBm 5.190400000 GHz Center 5.18 GHz 5 MHz/ Span 50 MHz Date: 25.OCT.2024 10:39:45
802.11n-HT20-Middle	 Ref 20 dBm *Att 30 dB *RBW 300 kHz *VBW 1 MHz Marker 1 [T1] 5.21 dBm 20 Offset 1 dB ndB [T1] 26.00 dB BW 20.00000000 MHz Temp 1 [T1 ndB] -21.43 dBm 5.189600000 GHz Temp 2 [T1 ndB] -20.00 dBm 5.210400000 GHz Center 5.2 GHz 5 MHz/ Span 50 MHz Date: 25.OCT.2024 10:40:05
802.11n-HT20-High	 Ref 20 dBm *Att 30 dB *RBW 300 kHz *VBW 1 MHz Marker 1 [T1] 6.32 dBm 20 Offset 1 dB ndB [T1] 26.00 dB BW 20.00000000 MHz Temp 1 [T1 ndB] -19.71 dBm 5.229700000 GHz Temp 2 [T1 ndB] -19.15 dBm 5.250300000 GHz Center 5.24 GHz 5 MHz/ Span 50 MHz Date: 25.OCT.2024 10:40:30

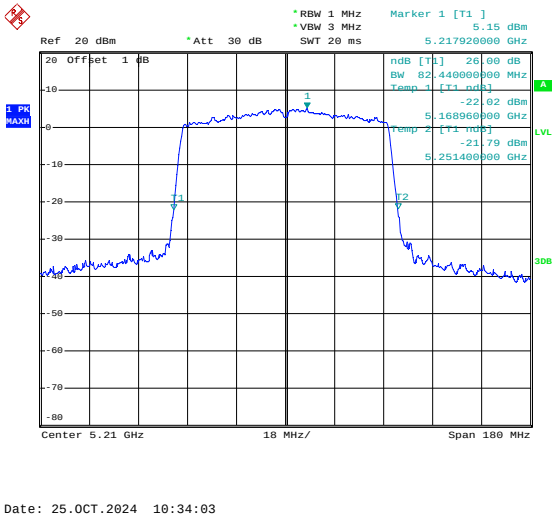
802.11n-HT40-Low	 Date: 25.OCT.2024 10:36:59
802.11n-HT40-High	 Date: 25.OCT.2024 10:37:36
802.11ac-VHT20-Low	 Date: 25.OCT.2024 10:39:22

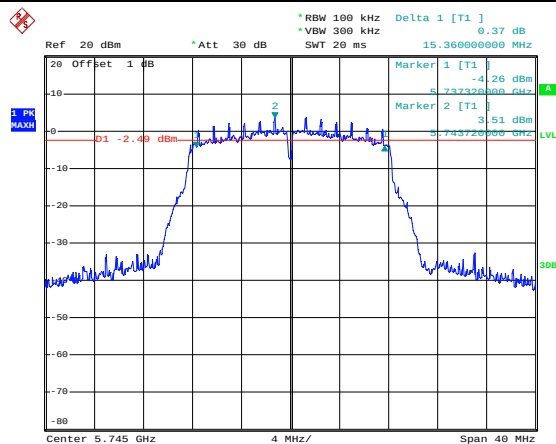


802.11ac-VHT40-High

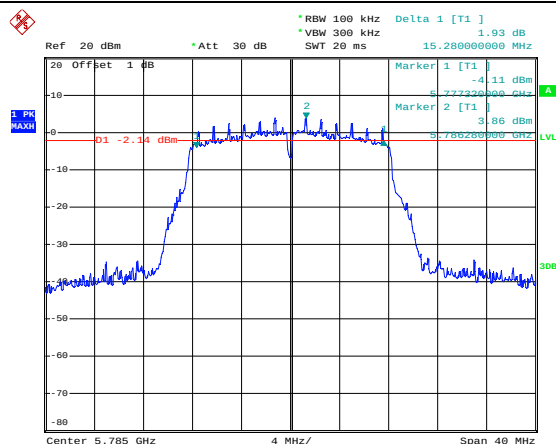


802.11ac-VHT80

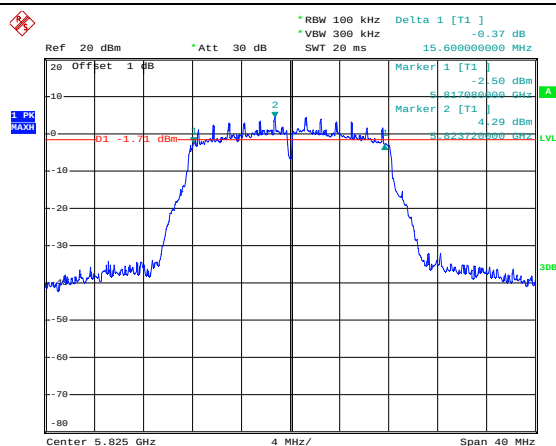




802.11a-Middle

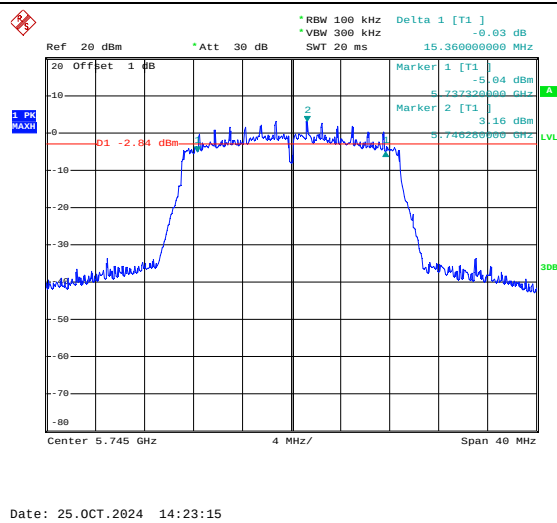


802.11a-High

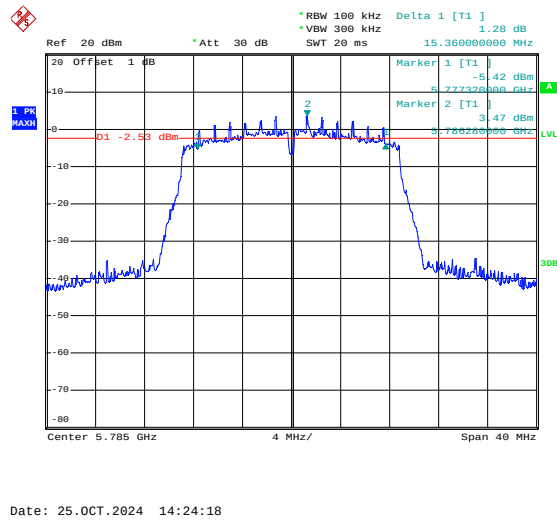


Date: 25.OCT.2024 14:26:25

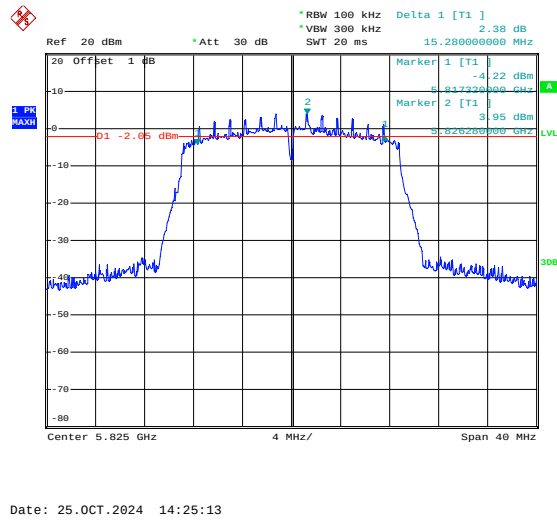
802.11n-HT20-Low

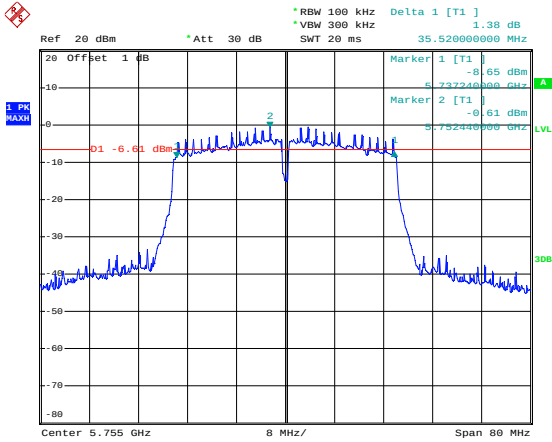
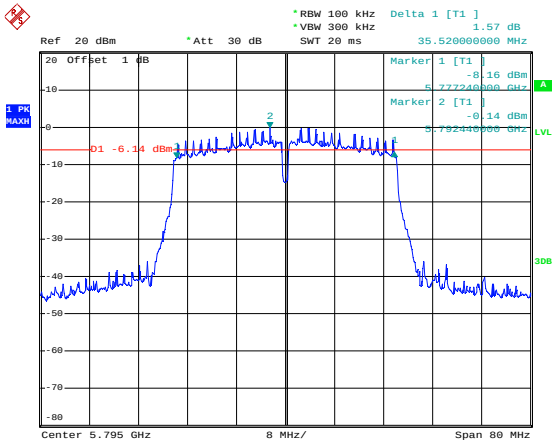
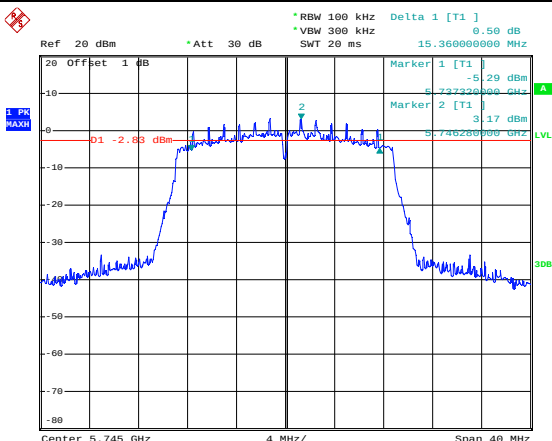


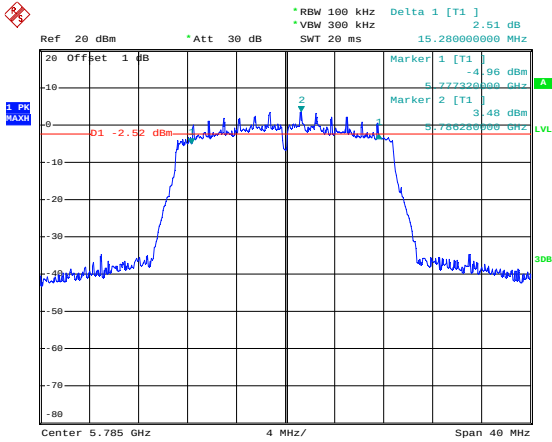
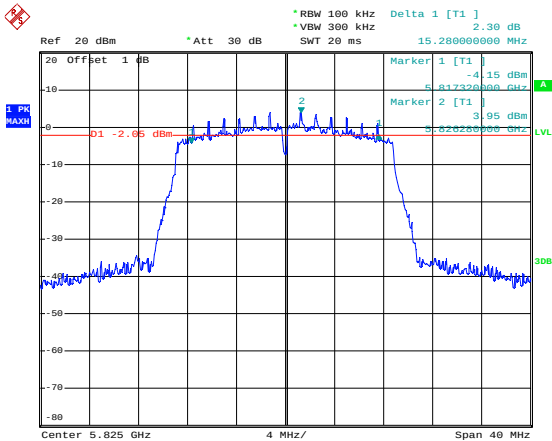
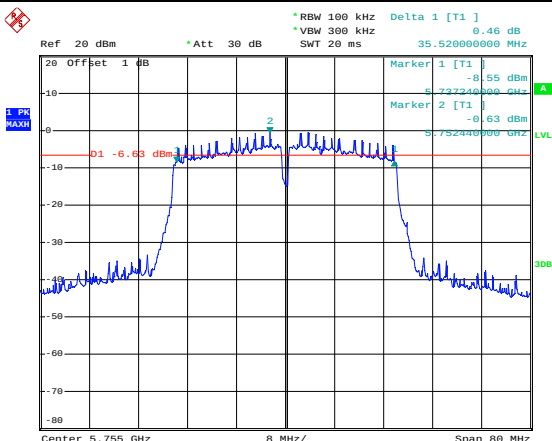
802.11n-HT20-Middle



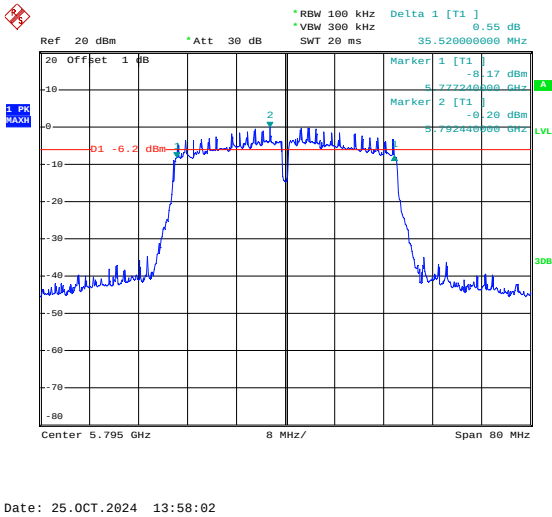
802.11n-HT20-High



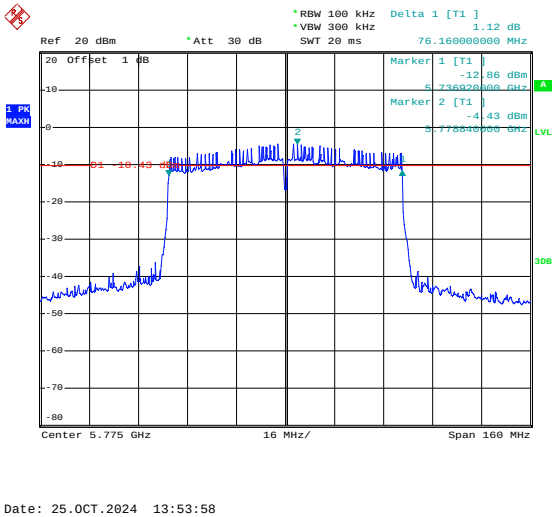
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB Delta 1 [T1] 1.38 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 35.52000000 MHz Marker 1 [T1] -8.65 dBm Marker 2 [T1] -8.61 dBm Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 14:09:52
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB Delta 1 [T1] 1.57 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 35.52000000 MHz Marker 1 [T1] -8.16 dBm Marker 2 [T1] -8.14 dBm Center 5.795 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 14:13:11
802.11ac-VHT20-Low	 Ref 20 dBm *Att 30 dB Delta 1 [T1] 0.50 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 15.36000000 MHz Marker 1 [T1] -5.29 dBm Marker 2 [T1] 3.17 dBm Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 14:22:18

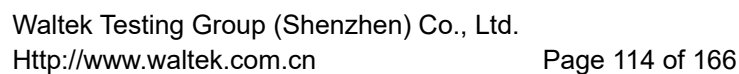
802.11ac-VHT20-Middle	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 2.51 dB VBW 300 kHz SWT 20 ms 15.28000000 MHz Marker 1 [T1] -4.96 dBm Marker 2 [T1] 3.48 dBm 01 -2.52 dBm Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 14:20:51
802.11ac-VHT20-High	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 2.30 dB VBW 300 kHz SWT 20 ms 15.28000000 MHz Marker 1 [T1] -4.15 dBm Marker 2 [T1] 3.95 dBm 01 -2.05 dBm Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 14:17:50
802.11ac-VHT40-Low	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 0.46 dB VBW 300 kHz SWT 20 ms 35.52000000 MHz Marker 1 [T1] -8.55 dBm Marker 2 [T1] -0.63 dBm 01 -6.63 dBm Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 14:04:17

802.11ac-VHT40-High

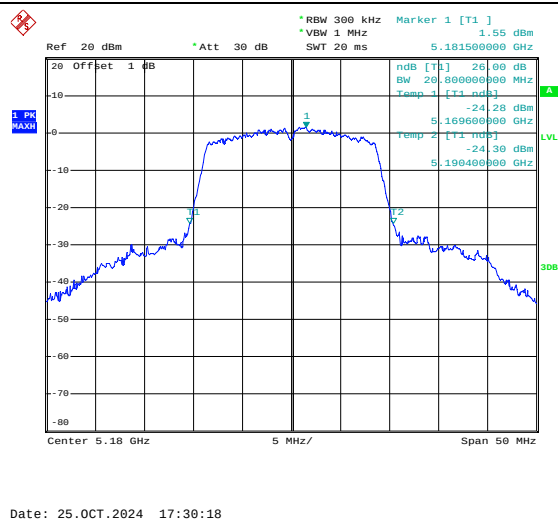


802.11ac-VHT80

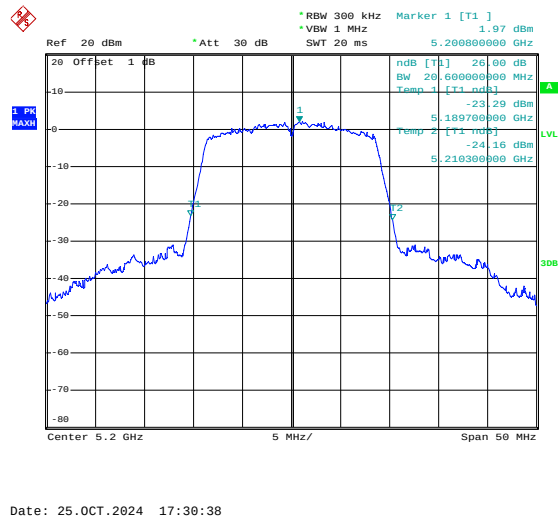




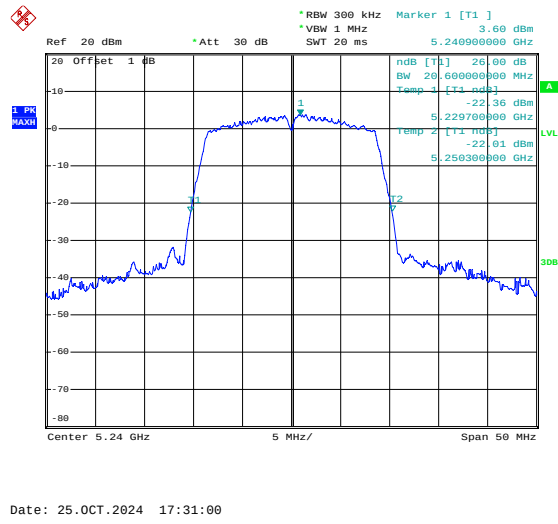
802.11n-HT20-Low

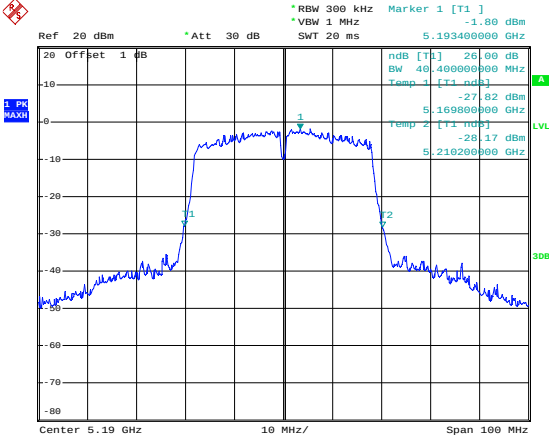
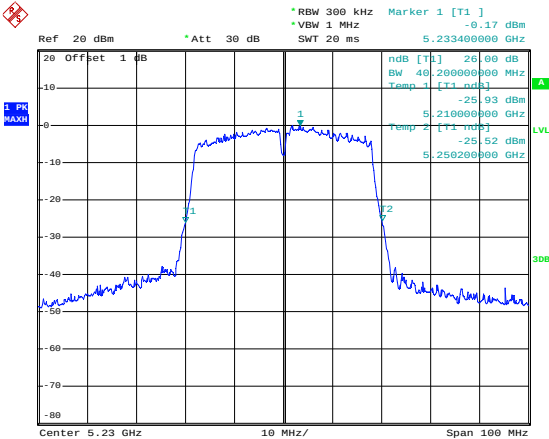
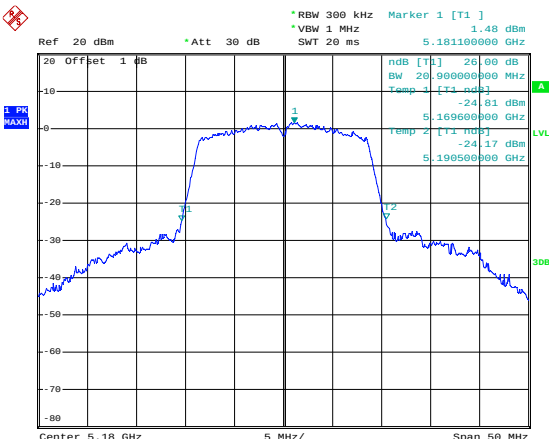


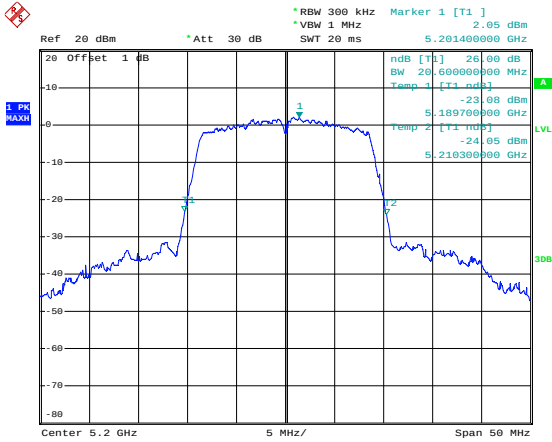
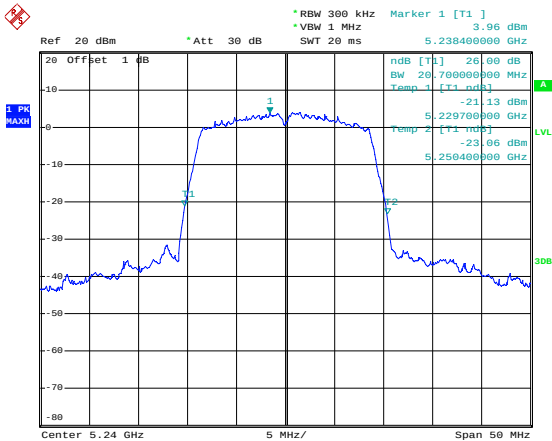
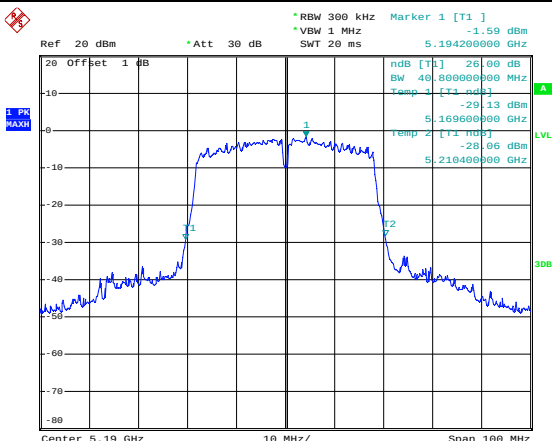
802.11n-HT20-Middle



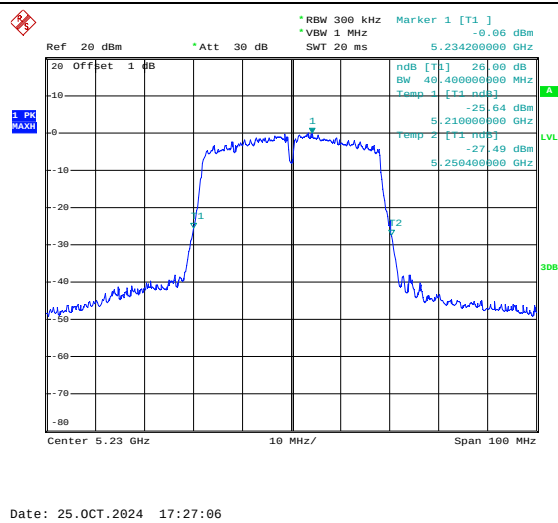
802.11n-HT20-High



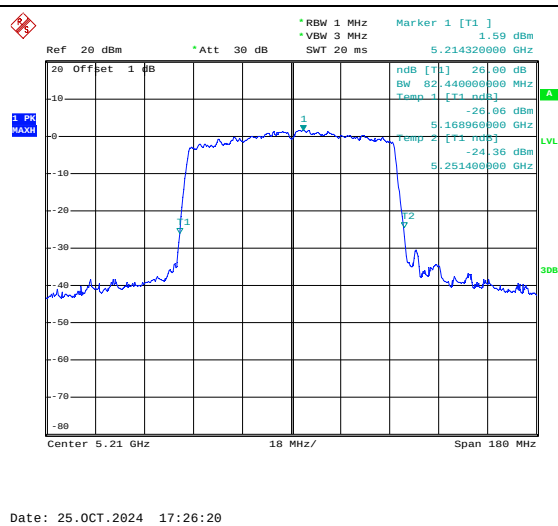
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB RBW 300 kHz VBW 1 MHz Marker 1 [T1] 5.193400000 GHz ndB [T1] 26.00 dB BW 40.00000000 MHz Temp 1 [T1 ndB] -27.82 dBm 5.169000000 GHz Temp 2 [T1 ndB] -28.17 dBm 5.210200000 GHz Center 5.19 GHz 10 MHz/ Span 100 MHz Date: 25.OCT.2024 17:27:50
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB RBW 300 kHz VBW 1 MHz Marker 1 [T1] 5.233400000 GHz ndB [T1] 26.00 dB BW 40.00000000 MHz Temp 1 [T1 ndB] -25.93 dBm 5.210000000 GHz Temp 2 [T1 ndB] -25.52 dBm 5.250200000 GHz Center 5.23 GHz 10 MHz/ Span 100 MHz Date: 25.OCT.2024 17:28:17
802.11ac-VHT20-Low	 Ref 20 dBm *Att 30 dB RBW 300 kHz VBW 1 MHz Marker 1 [T1] 5.181100000 GHz ndB [T1] 26.00 dB BW 20.00000000 MHz Temp 1 [T1 ndB] -24.81 dBm 5.169000000 GHz Temp 2 [T1 ndB] -24.17 dBm 5.190500000 GHz Center 5.18 GHz 5 MHz/ Span 50 MHz Date: 25.OCT.2024 17:30:01

802.11ac-VHT20-Middle	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 2.05 dBm VBW 1 MHz SWT 20 ms 5.201400000 GHz ndB [T1] 26.00 dB BW 20.00000000 MHz Temp 1 [T1 ndB] -23.08 dBm 5.189700000 GHz Temp 2 [T1 ndB] -24.05 dBm 5.210300000 GHz Center 5.2 GHz 5 MHz/ Span 50 MHz Date: 25.OCT.2024 17:29:39
802.11ac-VHT20-High	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 3.96 dBm VBW 1 MHz SWT 20 ms 5.238400000 GHz ndB [T1] 26.00 dB BW 20.00000000 MHz Temp 1 [T1 ndB] -21.13 dBm 5.229700000 GHz Temp 2 [T1 ndB] -23.06 dBm 5.250400000 GHz Center 5.24 GHz 5 MHz/ Span 50 MHz Date: 25.OCT.2024 17:29:17
802.11ac-VHT40-Low	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] -1.59 dBm VBW 1 MHz SWT 20 ms 5.194200000 GHz ndB [T1] 26.00 dB BW 40.00000000 MHz Temp 1 [T1 ndB] -29.13 dBm 5.169000000 GHz Temp 2 [T1 ndB] -28.06 dBm 5.210400000 GHz Center 5.19 GHz 10 MHz/ Span 100 MHz Date: 25.OCT.2024 17:27:31

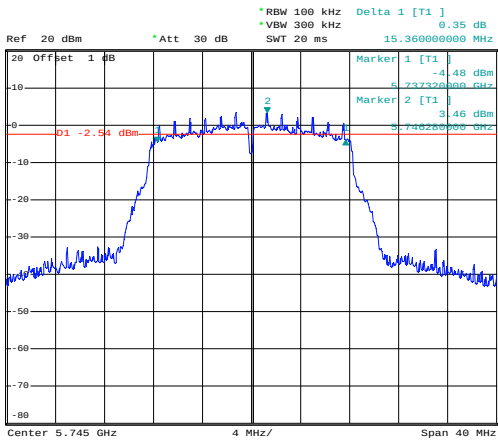
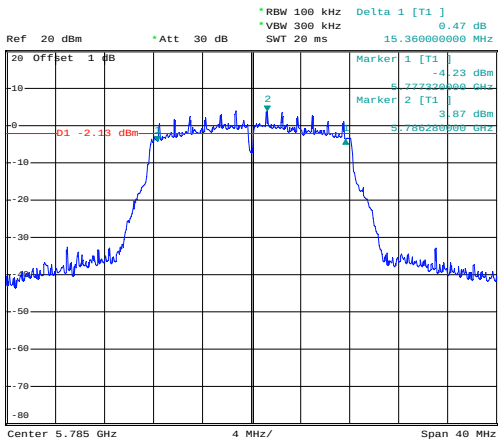
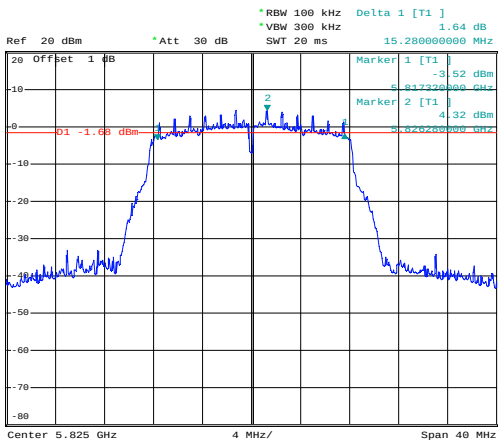
802.11ac-VHT40-High

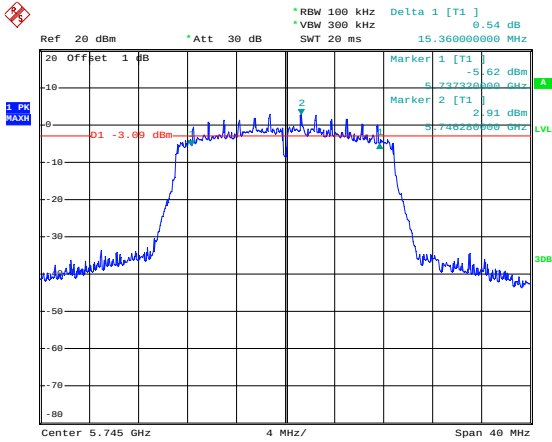
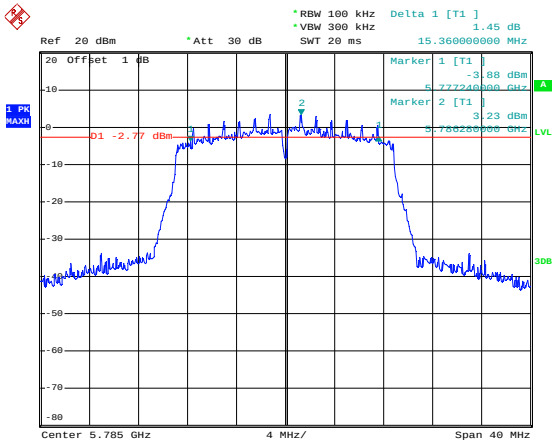
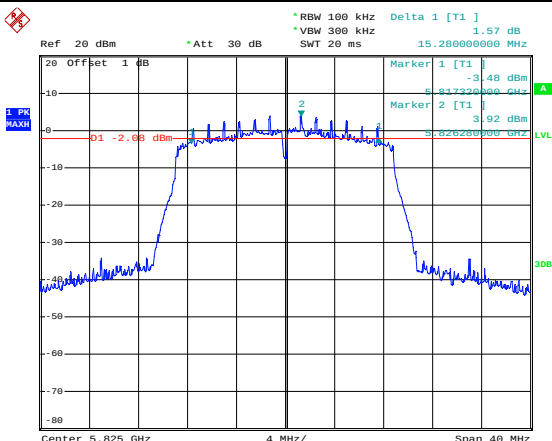


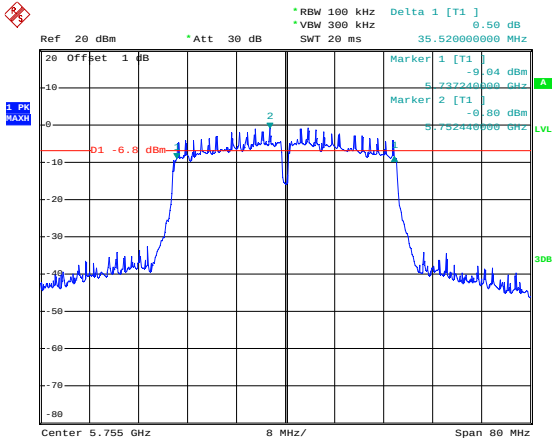
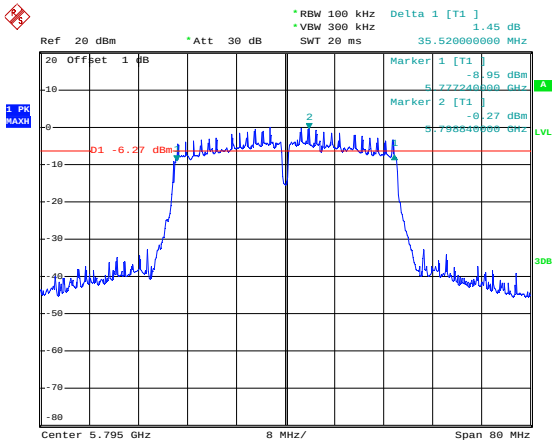
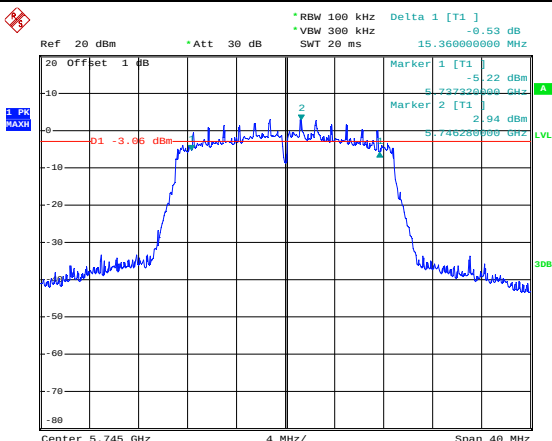
802.11ac-VHT80

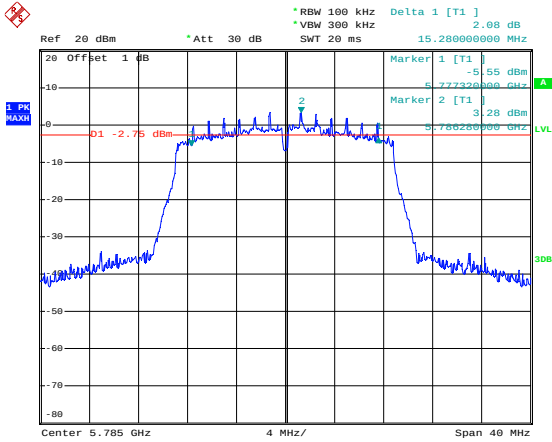
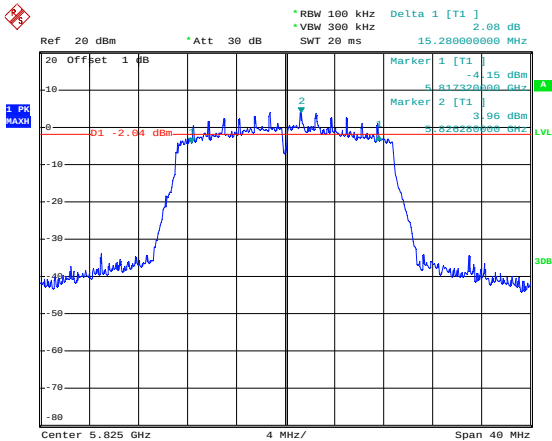
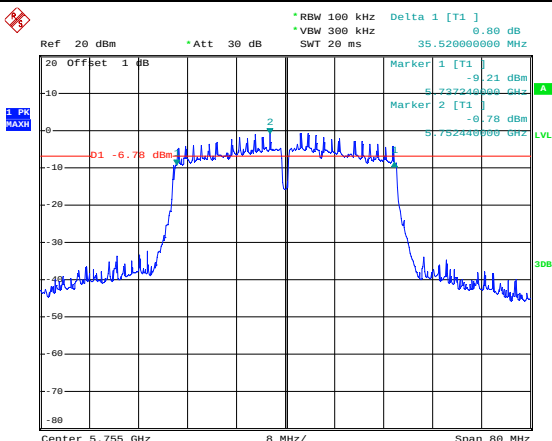


6 dB Bandwidth
5725-5850MHz

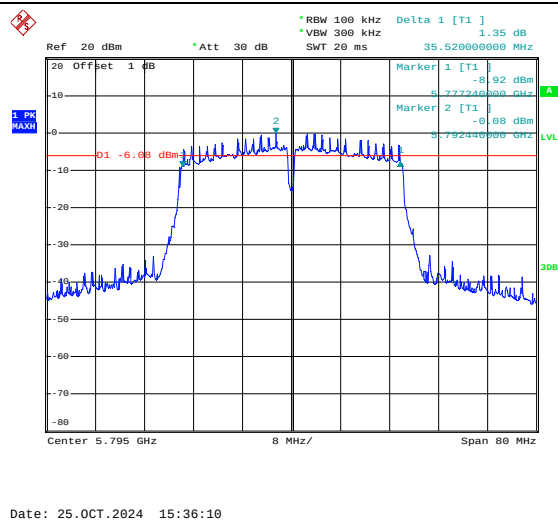
802.11a-Low	 Ref 20 dBm *Att 30 dB *RBW 100 kHz Delta 1 [T1] 0.35 dB *VBW 300 kHz 15.36000000 MHz SWT 20 ms Marker 1 [T1] -4.48 dBm Marker 2 [T1] -3.46 dBm D1 -2.54 dBm Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:45:42
802.11a-Middle	 Ref 20 dBm *Att 30 dB *RBW 100 kHz Delta 1 [T1] 0.47 dB *VBW 300 kHz 15.36000000 MHz SWT 20 ms Marker 1 [T1] -4.23 dBm Marker 2 [T1] -3.87 dBm D1 -2.13 dBm Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:44:57
802.11a-High	 Ref 20 dBm *Att 30 dB *RBW 100 kHz Delta 1 [T1] 1.64 dB *VBW 300 kHz 15.28000000 MHz SWT 20 ms Marker 1 [T1] -3.52 dBm Marker 2 [T1] -4.32 dBm D1 -1.63 dBm Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:44:01

802.11n-HT20-Low	 Ref 20 dBm *Att 30 dB Delta 1 [T1] 0.54 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 15.36000000 MHz Marker 1 [T1] -5.62 dBm Marker 2 [T1] 2.91 dBm D1 -3.09 dBm Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:42:05
802.11n-HT20-Middle	 Ref 20 dBm *Att 30 dB Delta 1 [T1] 1.45 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 15.36000000 MHz Marker 1 [T1] -3.88 dBm Marker 2 [T1] 3.23 dBm D1 -2.77 dBm Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:42:40
802.11n-HT20-High	 Ref 20 dBm *Att 30 dB Delta 1 [T1] 1.57 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 15.28000000 MHz Marker 1 [T1] -3.48 dBm Marker 2 [T1] 3.92 dBm D1 -2.09 dBm Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:43:22

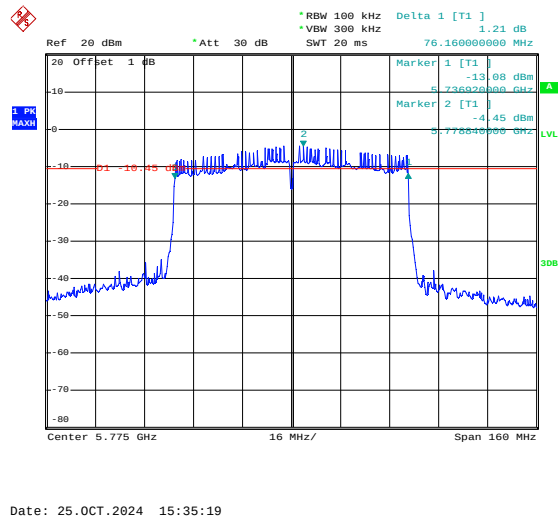
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB Delta 1 [T1] 0.50 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 35.52000000 MHz Marker 1 [T1] -9.04 dBm Marker 2 [T1] -6.80 dBm Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 15:37:31
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB Delta 1 [T1] 1.45 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 35.52000000 MHz Marker 1 [T1] -8.95 dBm Marker 2 [T1] -6.27 dBm Center 5.795 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 15:38:51
802.11ac-VHT20-Low	 Ref 20 dBm *Att 30 dB Delta 1 [T1] -0.53 dB *RBW 100 kHz *VBW 300 kHz SWT 20 ms 15.36000000 MHz Marker 1 [T1] -5.22 dBm Marker 2 [T1] -3.06 dBm Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:41:22

802.11ac-VHT20-Middle	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 2.08 dB *VBW 300 kHz SWT 20 ms 15.28000000 MHz Marker 1 [T1] -5.55 dBm Marker 2 [T1] 3.28 dBm D1 -2.75 dBm Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:40:38
802.11ac-VHT20-High	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 2.08 dB *VBW 300 kHz SWT 20 ms 15.28000000 MHz Marker 1 [T1] -4.15 dBm Marker 2 [T1] 3.96 dBm D1 -2.04 dBm Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:39:56
802.11ac-VHT40-Low	 Ref 20 dBm *Att 30 dB RBW 100 kHz Delta 1 [T1] 0.80 dB *VBW 300 kHz SWT 20 ms 35.52000000 MHz Marker 1 [T1] -9.21 dBm Marker 2 [T1] -0.78 dBm D1 -6.79 dBm Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 15:36:50

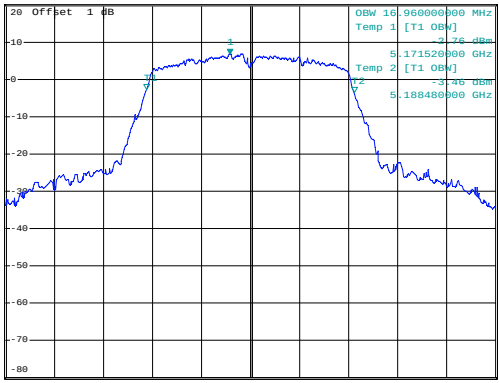
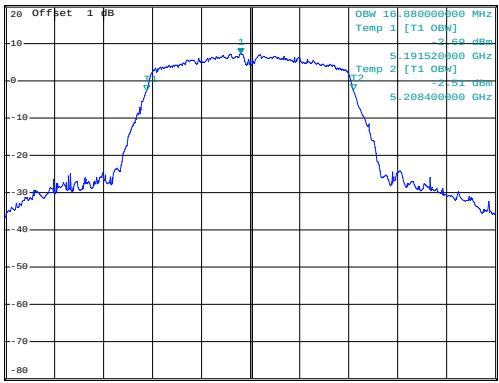
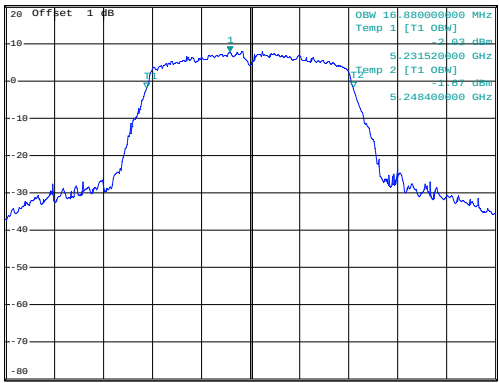
802.11ac-VHT40-High

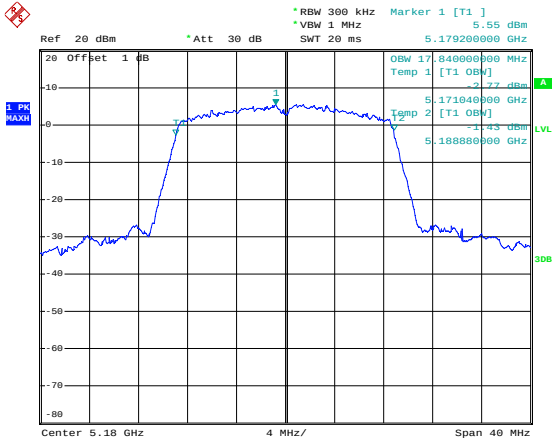
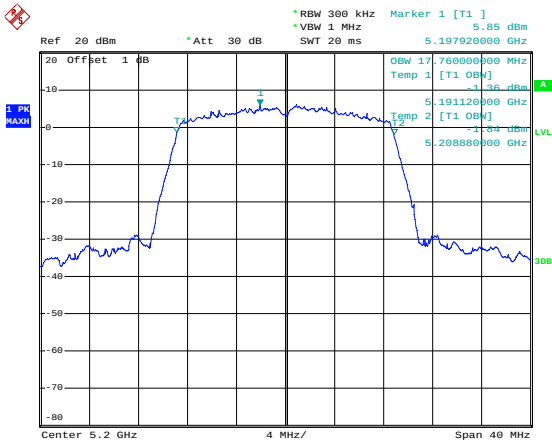
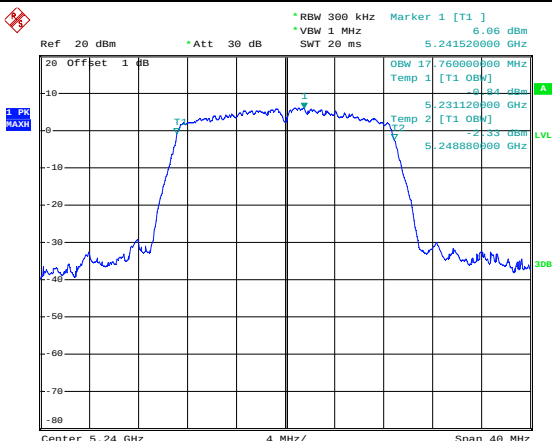


802.11ac-VHT80

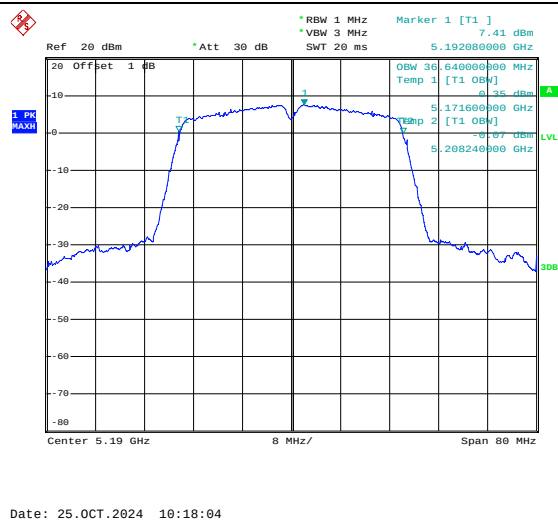


ANT 1
99% Bandwidth
5150-5250MHz

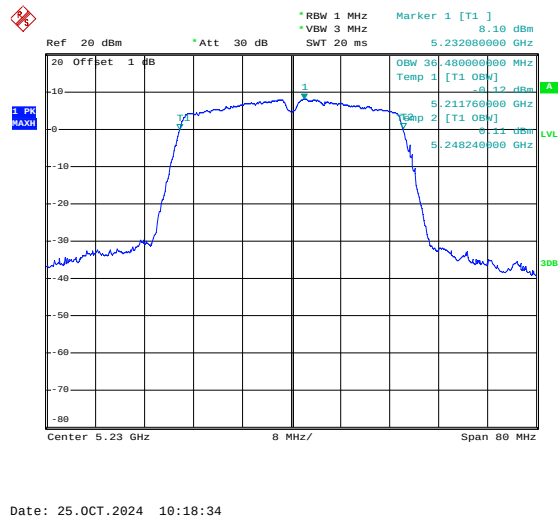
802.11a-Low	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 6.87 dBm *VBW 1 MHz 5.178320000 GHz SWT 20 ms OBW 16.960000000 MHz Temp 1 [T1 OBW] 5.171520000 GHz -2.76 dBm Temp 2 [T1 OBW] 5.188480000 GHz -3.45 dBm Center 5.18 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:44:49
802.11a-Middle	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 7.15 dBm *VBW 1 MHz 5.199200000 GHz SWT 20 ms OBW 16.880000000 MHz Temp 1 [T1 OBW] 5.191520000 GHz -2.69 dBm Temp 2 [T1 OBW] 5.208480000 GHz -2.51 dBm Center 5.2 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:43:37
802.11a-High	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 7.83 dBm *VBW 1 MHz 5.238320000 GHz SWT 20 ms OBW 16.880000000 MHz Temp 1 [T1 OBW] 5.231520000 GHz -2.63 dBm Temp 2 [T1 OBW] 5.248480000 GHz -1.67 dBm Center 5.24 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:44:08

802.11n-HT20-Low	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 5.55 dBm *VBW 1 MHz SWT 20 ms 5.179200000 GHz OBW 17.840000000 MHz Temp 1 [T1 OBW] -2.77 dBm 5.171040000 GHz Temp 2 [T1 OBW] -114.3 dBm 5.188800000 GHz Center 5.18 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:57:27
802.11n-HT20-Middle	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 5.85 dBm *VBW 1 MHz SWT 20 ms 5.197920000 GHz OBW 17.760000000 MHz Temp 1 [T1 OBW] -1.36 dBm 5.191120000 GHz Temp 2 [T1 OBW] -114.3 dBm 5.208800000 GHz Center 5.2 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:55:03
802.11n-HT20-High	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 6.06 dBm *VBW 1 MHz SWT 20 ms 5.241520000 GHz OBW 17.760000000 MHz Temp 1 [T1 OBW] -0.64 dBm 5.231120000 GHz Temp 2 [T1 OBW] -114.3 dBm 5.248800000 GHz Center 5.24 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 09:45:23

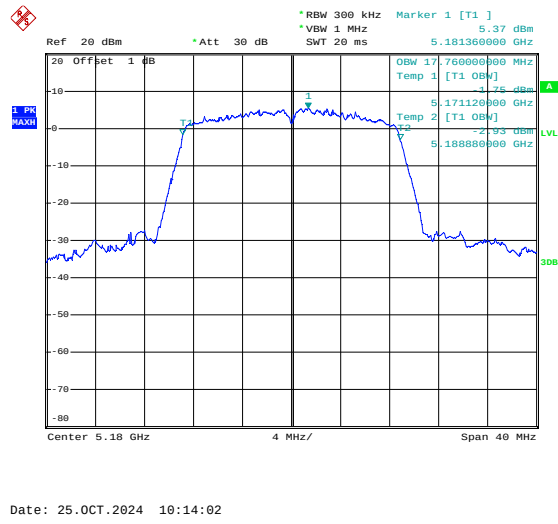
802.11n-HT40-Low

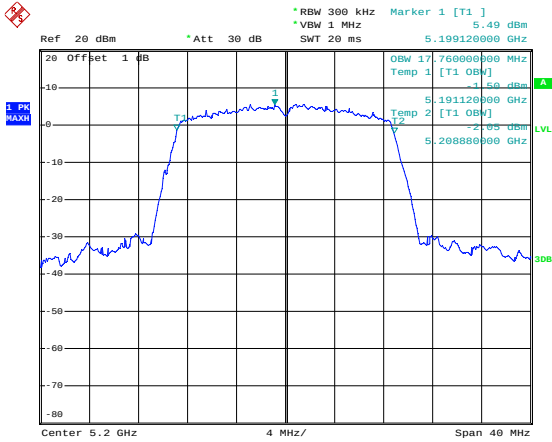
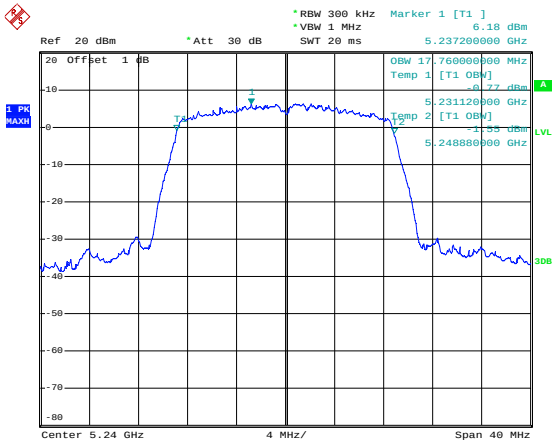
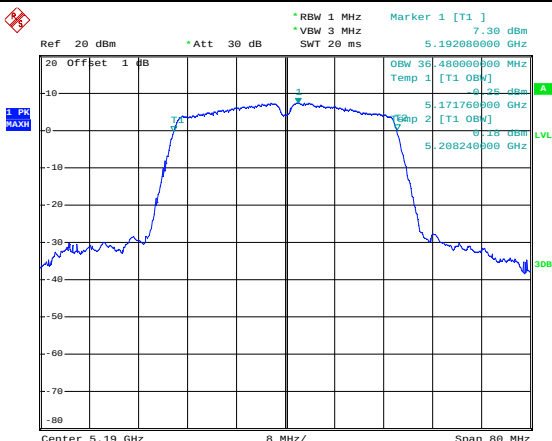


802.11n-HT40-High

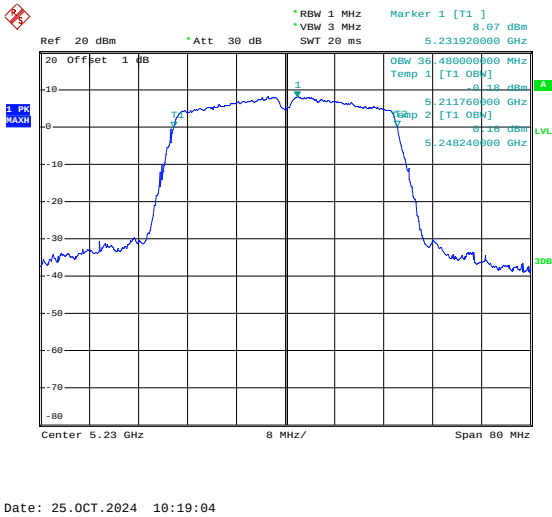


802.11ac-VHT20-Low

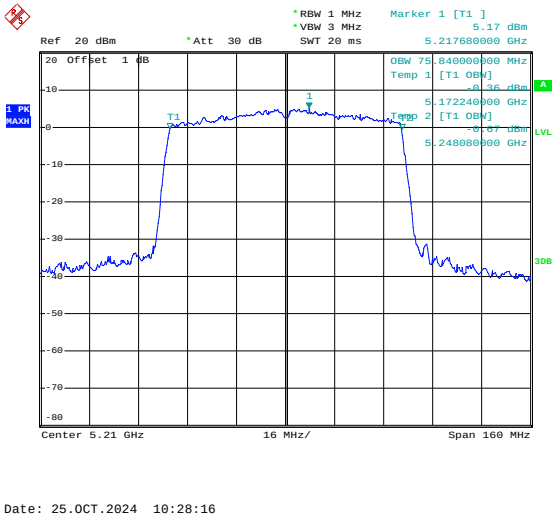


802.11ac-VHT20-Middle	 Date: 25.OCT.2024 10:14:52
802.11ac-VHT20-High	 Date: 25.OCT.2024 10:15:47
802.11ac-VHT40-Low	 Date: 25.OCT.2024 10:26:23

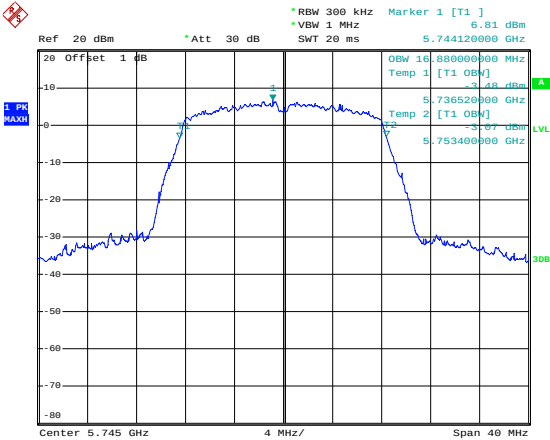
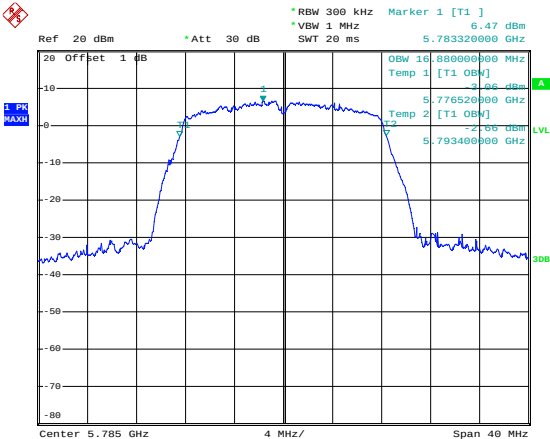
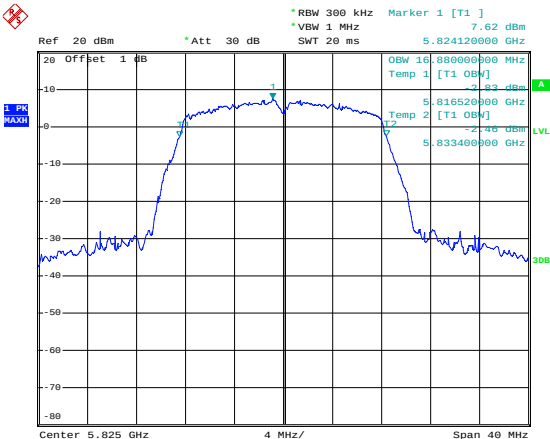
802.11ac-VHT40-High

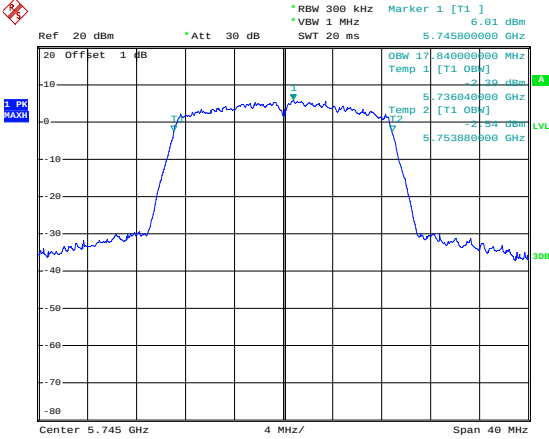
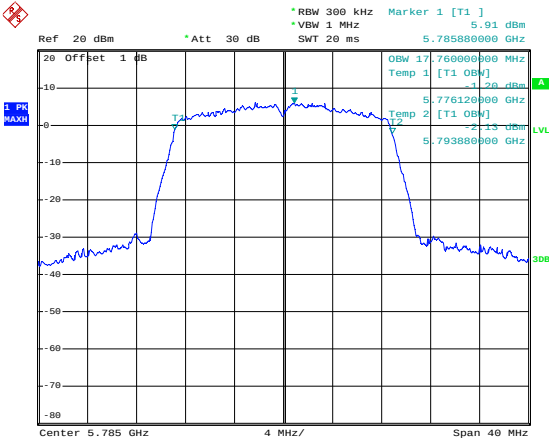
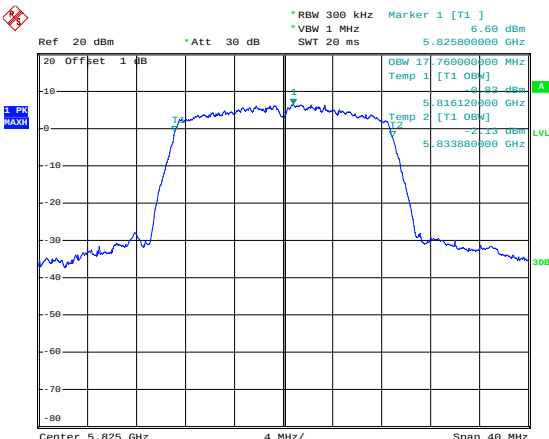


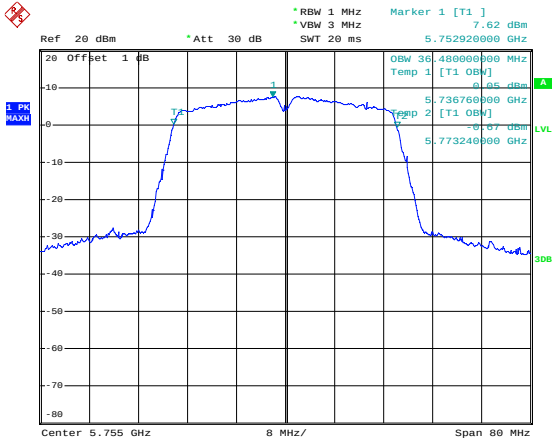
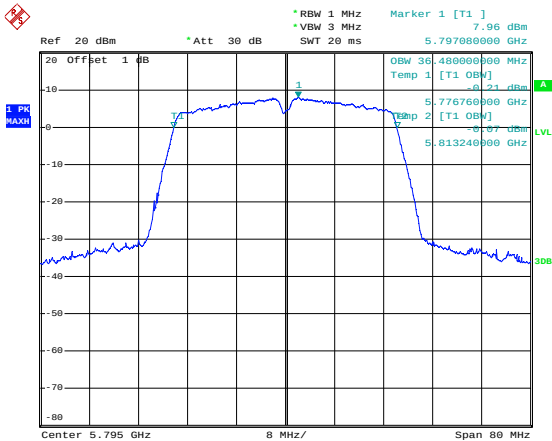
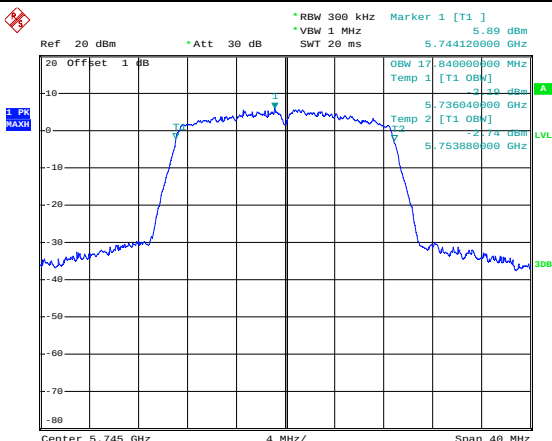
802.11ac-VHT80



99% Bandwidth
5725-5850MHz

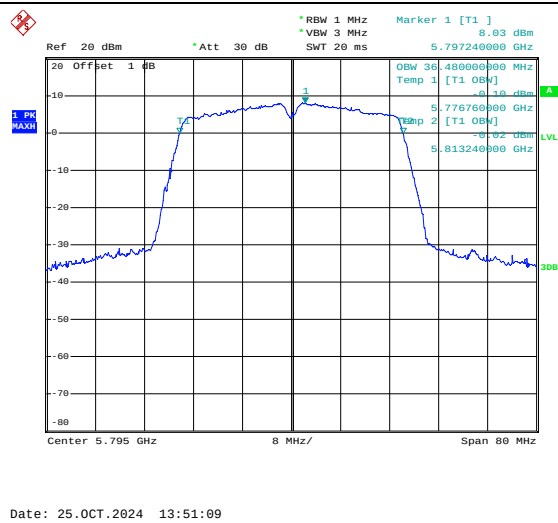
802.11a-Low	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 6.81 dBm *VBW 1 MHz SWT 20 ms 5.744120000 GHz 20 Offset 1 dB OBW 16.880000000 MHz Temp 1 [T1 OBW] -3.06 dBm A -10 5.736520000 GHz Temp 2 [T1 OBW] -3.07 dBm LVL -20 5.753400000 GHz 300 Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 13:44:17
802.11a-Middle	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 6.47 dBm *VBW 1 MHz SWT 20 ms 5.783320000 GHz 20 Offset 1 dB OBW 16.880000000 MHz Temp 1 [T1 OBW] -3.06 dBm A -10 5.776520000 GHz Temp 2 [T1 OBW] -2.66 dBm LVL -20 5.793400000 GHz 300 Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 13:45:20
802.11a-High	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 7.62 dBm *VBW 1 MHz SWT 20 ms 5.824120000 GHz 20 Offset 1 dB OBW 16.880000000 MHz Temp 1 [T1 OBW] -2.83 dBm A -10 5.816520000 GHz Temp 2 [T1 OBW] -2.56 dBm LVL -20 5.833400000 GHz 300 Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 13:46:05

802.11n-HT20-Low	 Date: 25.OCT.2024 13:48:39
802.11n-HT20-Middle	 Date: 25.OCT.2024 13:48:02
802.11n-HT20-High	 Date: 25.OCT.2024 13:47:04

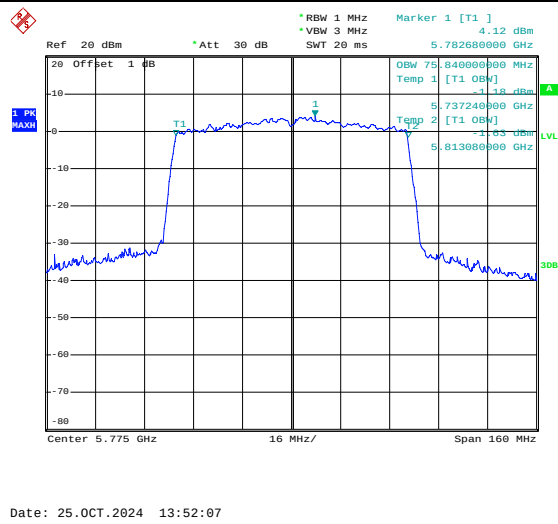
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB RBW 1 MHz Marker 1 [T1] 7.62 dBm *VBW 3 MHz SWT 20 ms 5.752920000 GHz OBW 36.480000000 MHz Temp 1 [T1 OBW] -0.05 dBm Temp 2 [T1 OBW] 5.736760000 GHz -0.67 dBm LVL 5.773240000 GHz Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 13:50:25
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB RBW 1 MHz Marker 1 [T1] 7.96 dBm *VBW 3 MHz SWT 20 ms 5.797080000 GHz OBW 36.480000000 MHz Temp 1 [T1 OBW] -0.21 dBm Temp 2 [T1 OBW] 5.776760000 GHz -0.67 dBm LVL 5.813240000 GHz Center 5.795 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 13:50:47
802.11ac-VHT20-Low	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 5.89 dBm *VBW 1 MHz SWT 20 ms 5.744120000 GHz OBW 17.840000000 MHz Temp 1 [T1 OBW] -2.10 dBm Temp 2 [T1 OBW] 5.736040000 GHz -2.74 dBm LVL 5.753880000 GHz Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 13:49:02

802.11ac-VHT20-Middle	Date: 25.OCT.2024 13:49:27
802.11ac-VHT20-High	Date: 25.OCT.2024 13:49:53
802.11ac-VHT40-Low	Date: 25.OCT.2024 13:51:36

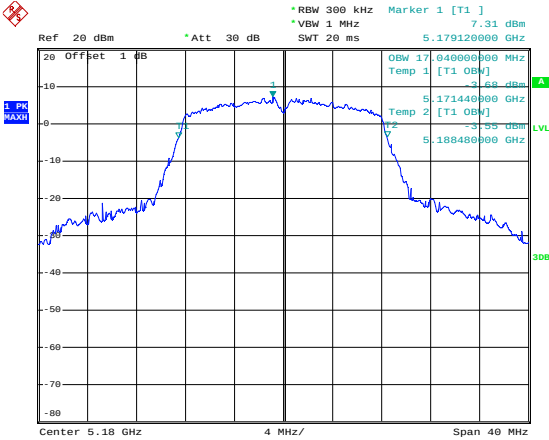
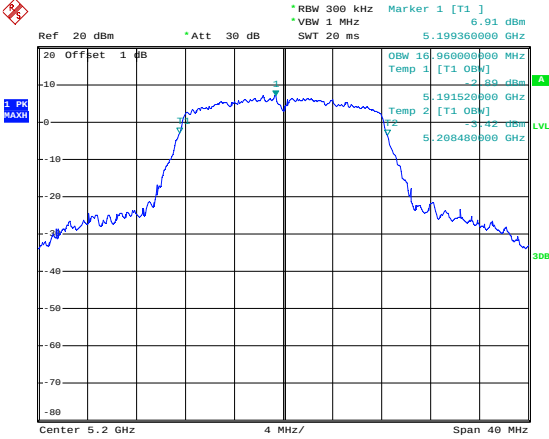
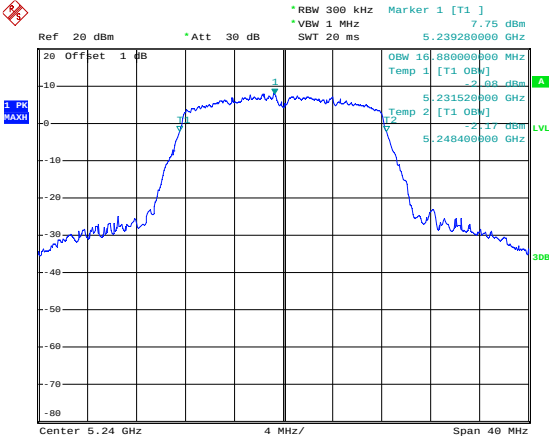
802.11ac-VHT40-High

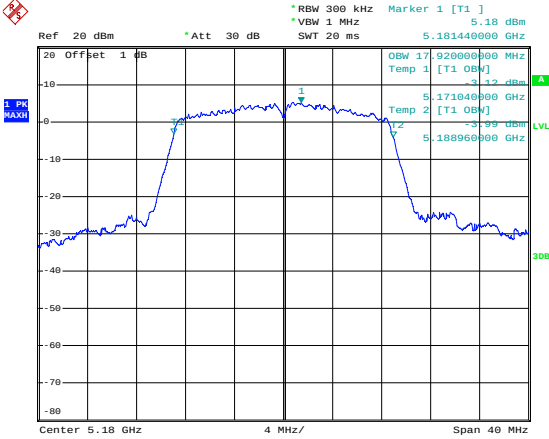
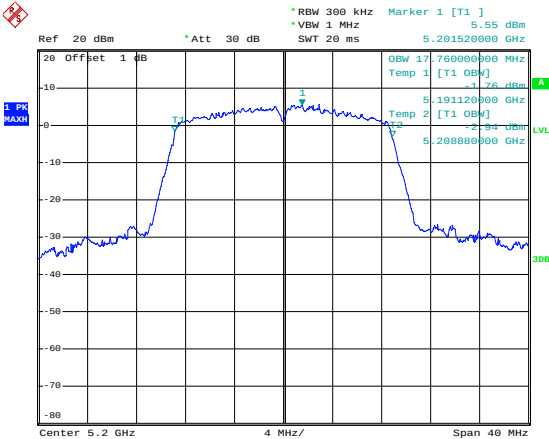
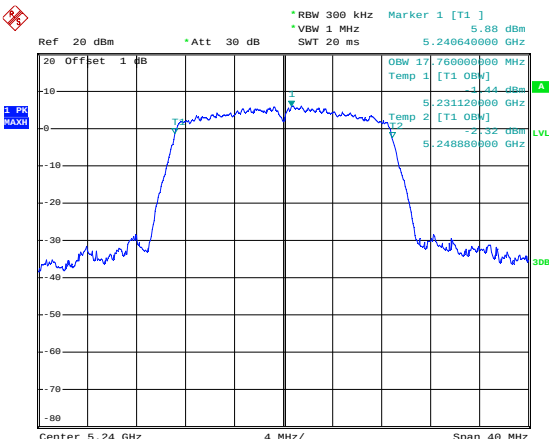


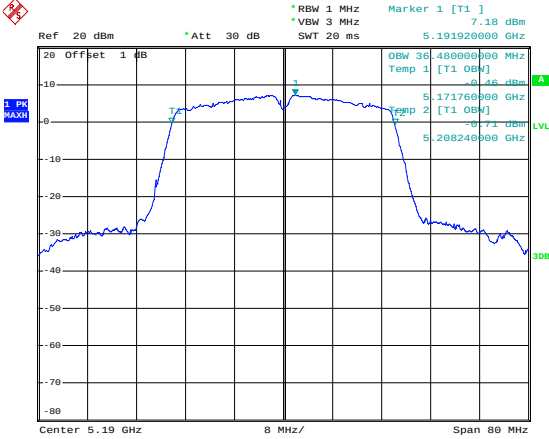
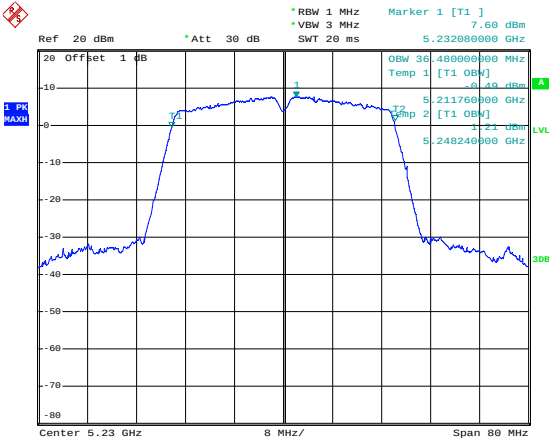
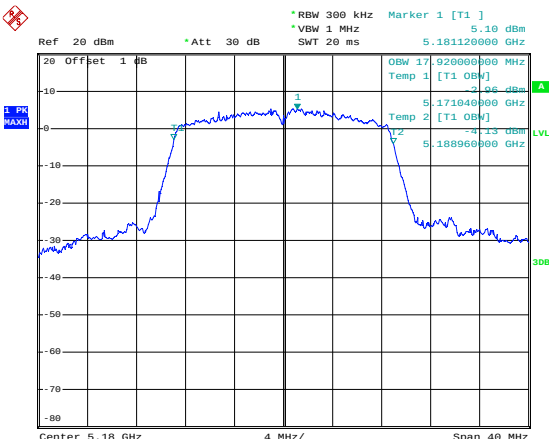
802.11ac-VHT80

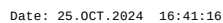
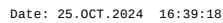


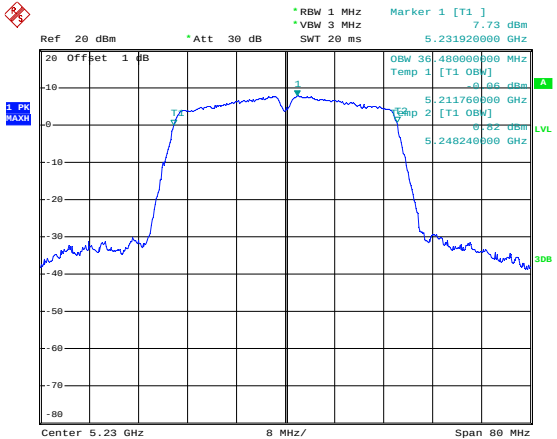
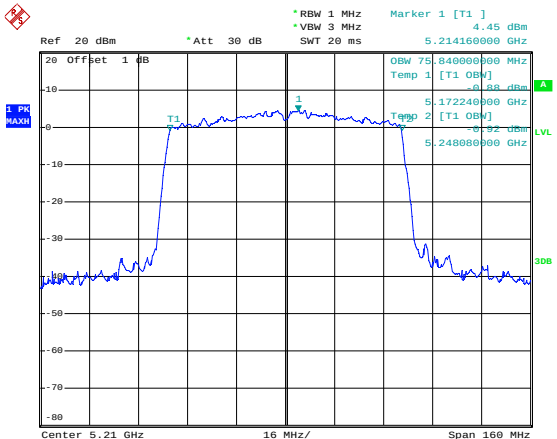
ANT 2
99% Bandwidth
5150-5250MHz

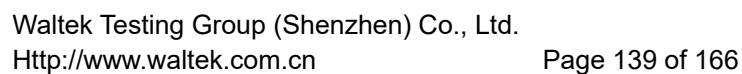
802.11a-Low	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 7.31 dBm *VBW 1 MHz SWT 20 ms 5.179120000 GHz OBW 17.940000000 MHz Temp 1 [T1 OBW] -2.68 dBm 5.171440000 GHz Temp 2 [T1 OBW] -3.55 dBm 5.188480000 GHz Center 5.18 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 16:36:30
802.11a-Middle	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 6.91 dBm *VBW 1 MHz SWT 20 ms 5.199360000 GHz OBW 16.960000000 MHz Temp 1 [T1 OBW] -2.80 dBm 5.191520000 GHz Temp 2 [T1 OBW] -3.42 dBm 5.208480000 GHz Center 5.2 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 16:36:58
802.11a-High	 Ref 20 dBm *Att 30 dB *RBW 300 kHz Marker 1 [T1] 7.75 dBm *VBW 1 MHz SWT 20 ms 5.239280000 GHz OBW 16.880000000 MHz Temp 1 [T1 OBW] -2.88 dBm 5.231520000 GHz Temp 2 [T1 OBW] -2.17 dBm 5.248480000 GHz Center 5.24 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 16:37:23

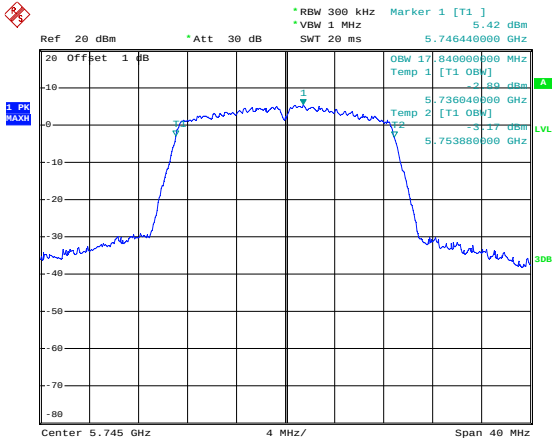
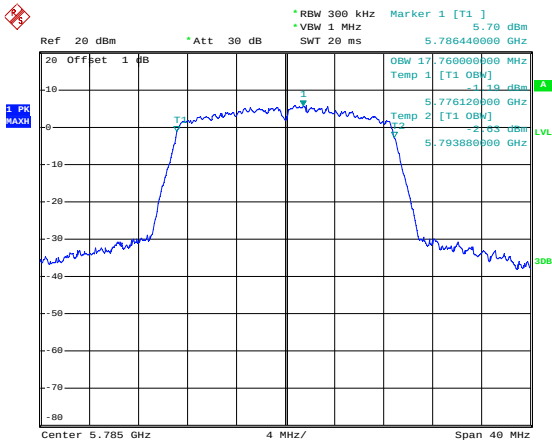
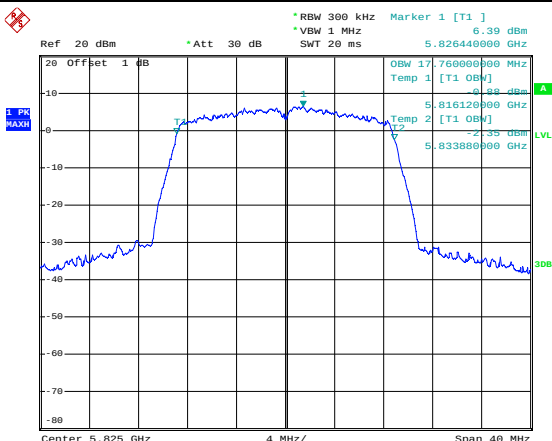
802.11n-HT20-Low	 Date: 25.OCT.2024 16:38:37
802.11n-HT20-Middle	 Date: 25.OCT.2024 16:38:10
802.11n-HT20-High	 Date: 25.OCT.2024 16:37:45

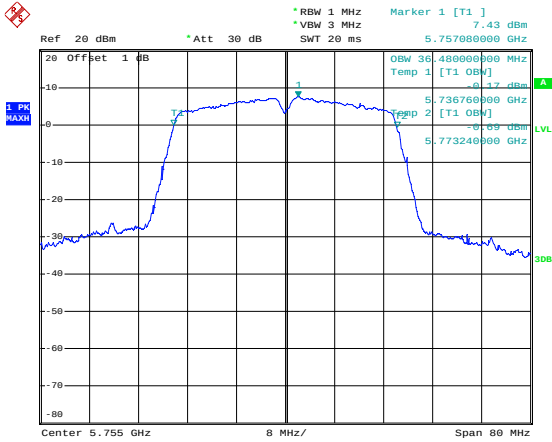
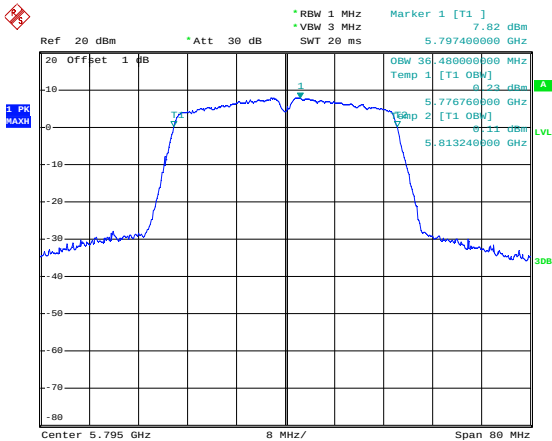
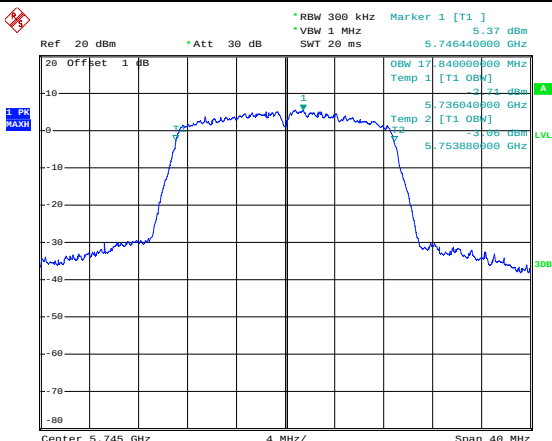
802.11n-HT40-Low	 Date: 25.OCT.2024 16:40:13
802.11n-HT40-High	 Date: 25.OCT.2024 16:40:35
802.11ac-VHT20-Low	 Date: 25.OCT.2024 16:38:56

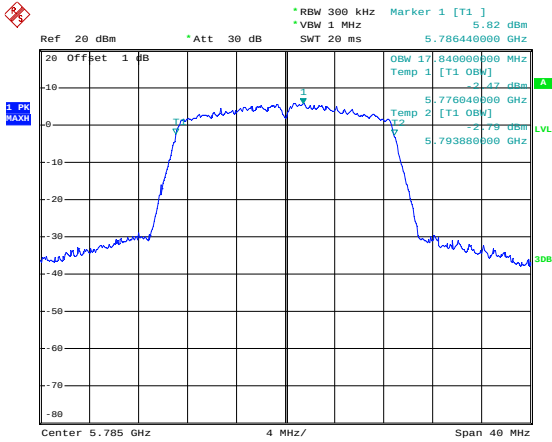
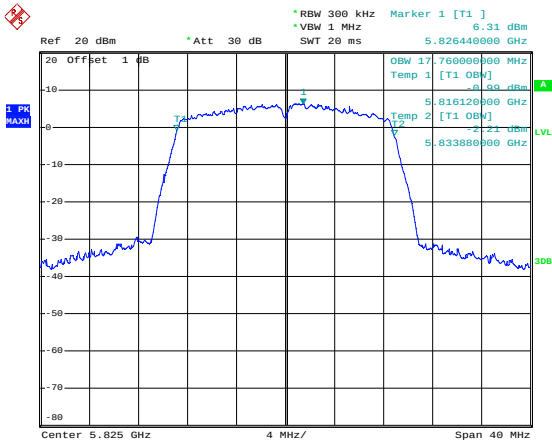
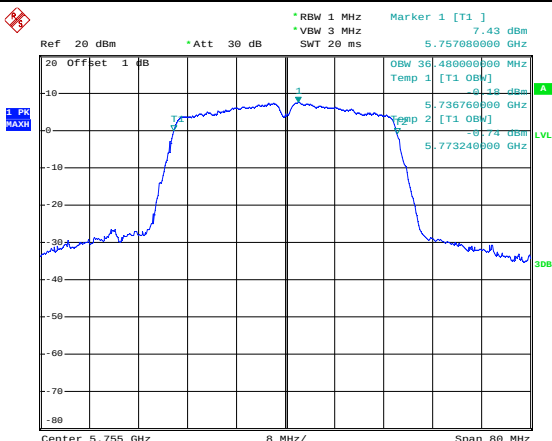


802.11ac-VHT40-High	 Ref 20 dBm *Att 30 dB SWT 20 ms RBW 1 MHz VBW 3 MHz Marker 1 [T1] 7.73 dBm <table><tr><th>Offset</th><th>BW</th><th>Temp</th><th>LVL</th></tr><tr><td>1 dB</td><td>30.48000000 MHz</td><td>1 [T1] 0.00 dBm</td><td>0.00 dBm</td></tr><tr><td></td><td>5.231920000 GHz</td><td>2 [T1] 0.00 dBm</td><td>0.00 dBm</td></tr><tr><td></td><td>5.211760000 GHz</td><td>Temp 2 [T1] 0.00 dBm</td><td>0.00 dBm</td></tr><tr><td></td><td>5.248240000 GHz</td><td></td><td>0.00 dBm</td></tr></table> Center 5.23 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 16:40:55	Offset	BW	Temp	LVL	1 dB	30.48000000 MHz	1 [T1] 0.00 dBm	0.00 dBm		5.231920000 GHz	2 [T1] 0.00 dBm	0.00 dBm		5.211760000 GHz	Temp 2 [T1] 0.00 dBm	0.00 dBm		5.248240000 GHz		0.00 dBm
Offset	BW	Temp	LVL																		
1 dB	30.48000000 MHz	1 [T1] 0.00 dBm	0.00 dBm																		
	5.231920000 GHz	2 [T1] 0.00 dBm	0.00 dBm																		
	5.211760000 GHz	Temp 2 [T1] 0.00 dBm	0.00 dBm																		
	5.248240000 GHz		0.00 dBm																		
802.11ac-VHT80	 Ref 20 dBm *Att 30 dB SWT 20 ms RBW 1 MHz VBW 3 MHz Marker 1 [T1] 4.45 dBm <table><tr><th>Offset</th><th>BW</th><th>Temp</th><th>LVL</th></tr><tr><td>1 dB</td><td>75.84000000 MHz</td><td>1 [T1] 0.00 dBm</td><td>0.00 dBm</td></tr><tr><td></td><td>5.214160000 GHz</td><td>2 [T1] 0.00 dBm</td><td>0.00 dBm</td></tr><tr><td></td><td>5.172240000 GHz</td><td>Temp 2 [T1] 0.00 dBm</td><td>0.00 dBm</td></tr><tr><td></td><td>5.248000000 GHz</td><td></td><td>0.00 dBm</td></tr></table> Center 5.21 GHz 16 MHz/ Span 160 MHz Date: 25.OCT.2024 16:41:41	Offset	BW	Temp	LVL	1 dB	75.84000000 MHz	1 [T1] 0.00 dBm	0.00 dBm		5.214160000 GHz	2 [T1] 0.00 dBm	0.00 dBm		5.172240000 GHz	Temp 2 [T1] 0.00 dBm	0.00 dBm		5.248000000 GHz		0.00 dBm
Offset	BW	Temp	LVL																		
1 dB	75.84000000 MHz	1 [T1] 0.00 dBm	0.00 dBm																		
	5.214160000 GHz	2 [T1] 0.00 dBm	0.00 dBm																		
	5.172240000 GHz	Temp 2 [T1] 0.00 dBm	0.00 dBm																		
	5.248000000 GHz		0.00 dBm																		

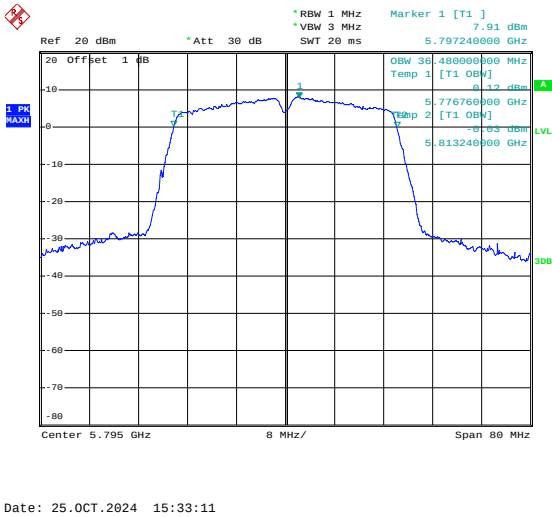


802.11n-HT20-Low	 Date: 25.OCT.2024 15:30:47
802.11n-HT20-Middle	 Date: 25.OCT.2024 15:30:28
802.11n-HT20-High	 Date: 25.OCT.2024 15:30:06

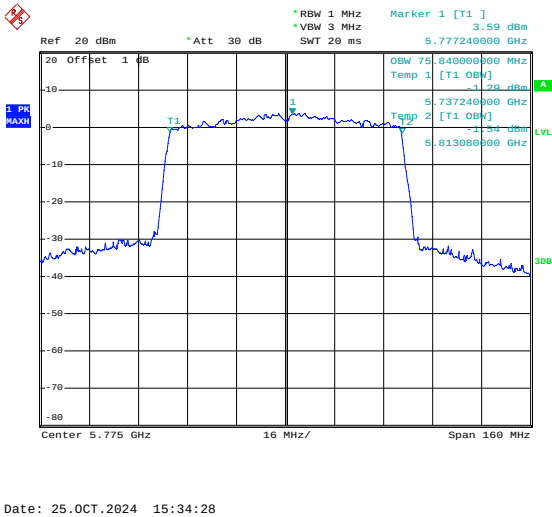
802.11n-HT40-Low	 Ref 20 dBm *Att 30 dB RBW 1 MHz Marker 1 [T1] 7.43 dBm VBW 3 MHz SWT 20 ms 5.757000000 GHz OBW 36.480000000 MHz Temp 1 [T1 OBW] -0.17 dBm Temp 2 [T1 OBW] 5.736760000 GHz Temp 2 [T1 OBW] -0.69 dBm LVL 5.773240000 GHz Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 15:32:30
802.11n-HT40-High	 Ref 20 dBm *Att 30 dB RBW 1 MHz Marker 1 [T1] 7.82 dBm VBW 3 MHz SWT 20 ms 5.797400000 GHz OBW 36.480000000 MHz Temp 1 [T1 OBW] 0.23 dBm Temp 2 [T1 OBW] 5.776760000 GHz Temp 2 [T1 OBW] -0.11 dBm LVL 5.813240000 GHz Center 5.795 GHz 8 MHz/ Span 80 MHz Date: 25.OCT.2024 15:32:49
802.11ac-VHT20-Low	 Ref 20 dBm *Att 30 dB RBW 300 kHz Marker 1 [T1] 5.37 dBm VBW 1 MHz SWT 20 ms 5.746440000 GHz OBW 17.840000000 MHz Temp 1 [T1 OBW] -2.71 dBm Temp 2 [T1 OBW] 5.736040000 GHz Temp 2 [T1 OBW] -1.00 dBm LVL 5.753880000 GHz Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 25.OCT.2024 15:31:07

802.11ac-VHT20-Middle	 Date: 25.OCT.2024 15:31:27
802.11ac-VHT20-High	 Date: 25.OCT.2024 15:31:54
802.11ac-VHT40-Low	 Date: 25.OCT.2024 15:33:34

802.11ac-VHT40-High



802.11ac-VHT80



APPENDIX C

Maximum Conducted Output Power

U-NII-1:5150-5250MHz					
Test mode	Frequency MHz	Output Power dBm		Total dBm	Limit dBm
		ANT 1	ANT 2		
802.11a	5180	14.89	14.68	/	23.98
	5200	15.01	14.89	/	23.98
	5240	15.76	15.61	/	23.98
802.11n-HT20	5180	13.24	13.21	16.24	23.98
	5200	13.43	13.23	16.34	23.98
	5240	14.18	14.05	17.13	23.98
802.11n-HT40	5190	12.50	12.36	15.44	23.98
	5230	13.11	13.01	16.07	23.98
802.11ac-VHT20	5180	13.20	13.16	16.19	23.98
	5200	13.43	13.20	16.33	23.98
	5240	14.16	14.09	17.14	23.98
802.11ac-VHT40	5190	12.46	12.28	15.38	23.98
	5230	13.15	13.01	16.09	23.98
802.11ac-VHT80	5210	12.81	12.57	15.70	23.98

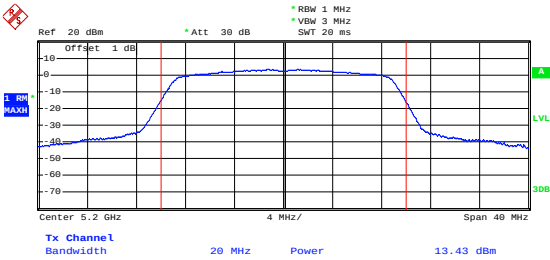
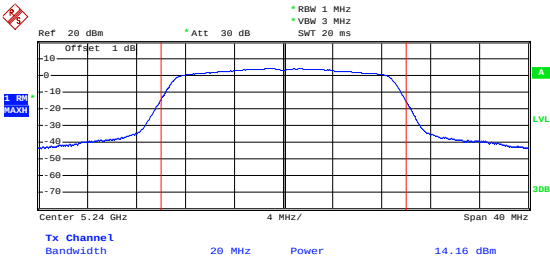
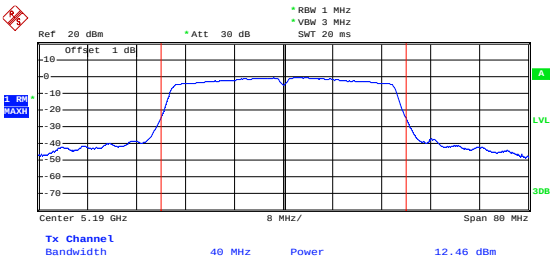
U-NII-3: 5725-5850MHz					
Test mode	Frequency MHz	Output Power dBm		Total dBm	Limit dBm
		ANT 1	ANT 2		
802.11a	5745	14.21	14.09	/	30.00
	5785	14.46	14.39	/	30.00
	5825	14.99	14.95	/	30.00
802.11n-HT20	5745	13.60	13.44	16.53	30.00
	5785	13.89	13.84	16.88	30.00
	5825	14.50	14.33	17.43	30.00
802.11n-HT40	5755	12.85	12.59	15.73	30.00
	5795	13.13	13.04	16.10	30.00
802.11ac-VHT20	5745	13.59	13.40	16.51	30.00
	5785	13.90	13.74	16.83	30.00
	5825	14.36	14.34	17.36	30.00
802.11ac-VHT40	5755	12.81	12.53	15.68	30.00
	5795	13.14	13.14	16.15	30.00
802.11ac-VHT80	5775	12.10	12.00	15.06	30.00

ANT 1
5150-5250MHz

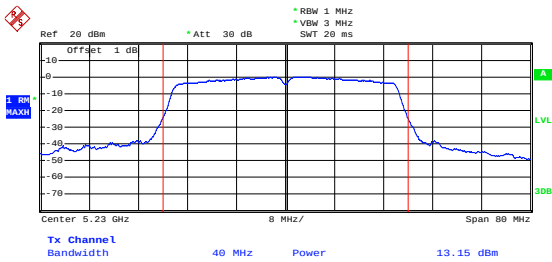
802.11a-Low	Date: 25.OCT.2024 09:19:08
802.11a-Middle	Date: 25.OCT.2024 09:20:10
802.11a-High	Date: 25.OCT.2024 09:20:56

802.11n-HT20-Low	Date: 25.OCT.2024 09:22:53
802.11n-HT20-Middle	Date: 25.OCT.2024 09:23:29
802.11n-HT20-High	Date: 25.OCT.2024 09:23:54

802.11n-HT40-Low	Date: 25.OCT.2024 09:27:02
802.11n-HT40-High	Date: 25.OCT.2024 09:27:42
802.11ac-VHT20-Low	Date: 25.OCT.2024 09:24:31

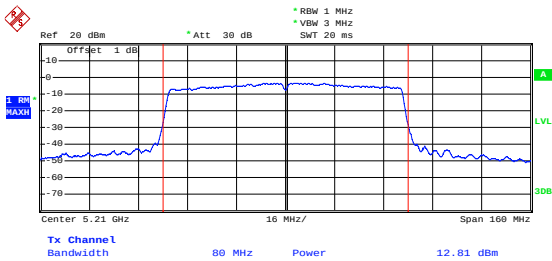
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802.11ac-VHT20-High	 Date: 25.OCT.2024 09:25:31
802.11ac-VHT40-Low	 Date: 25.OCT.2024 09:28:17

802.11ac-VHT40-High



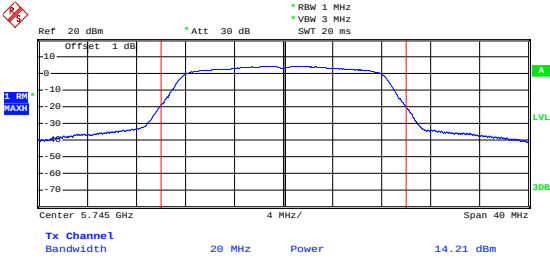
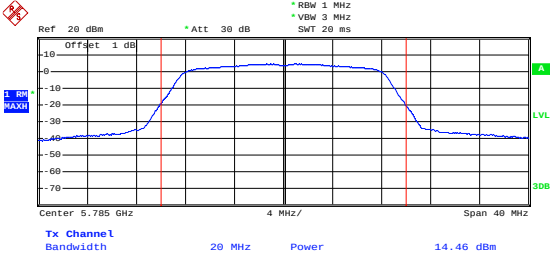
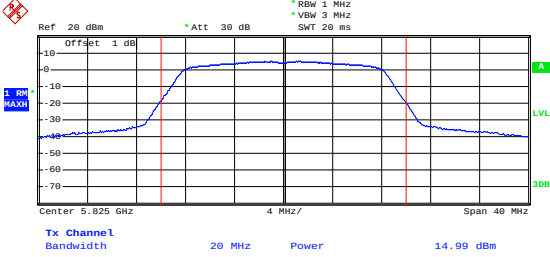
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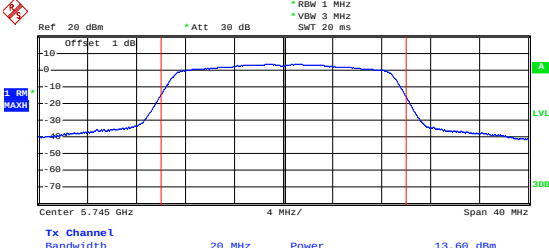
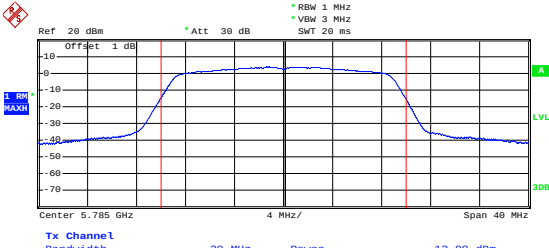
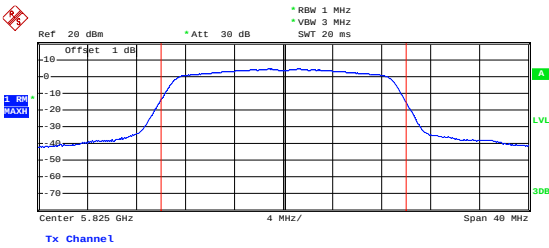
802.11ac-VHT80

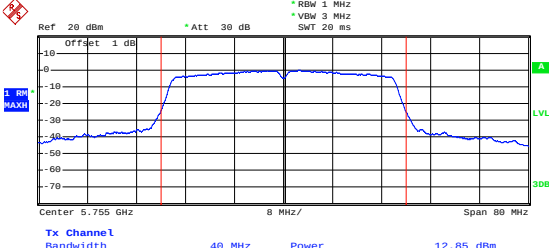
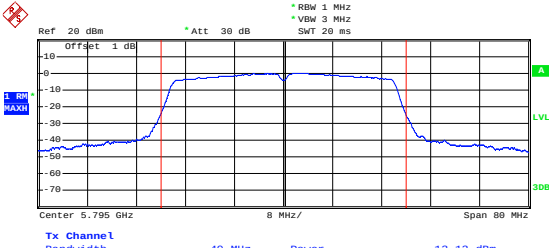
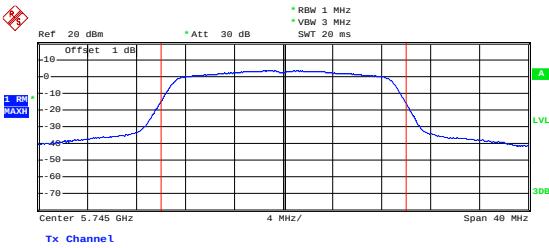


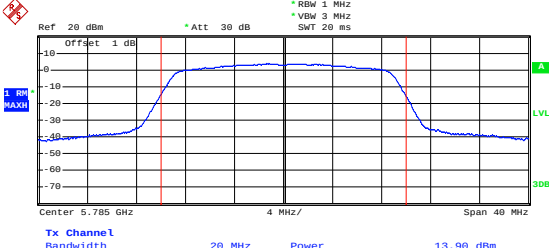
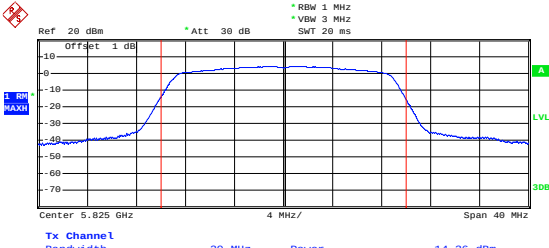
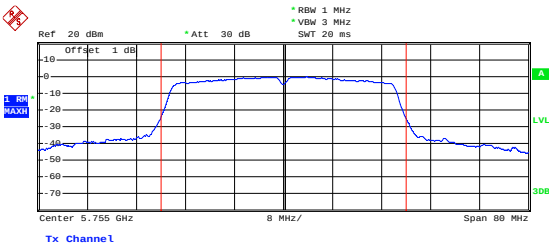
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5725-5850MHz

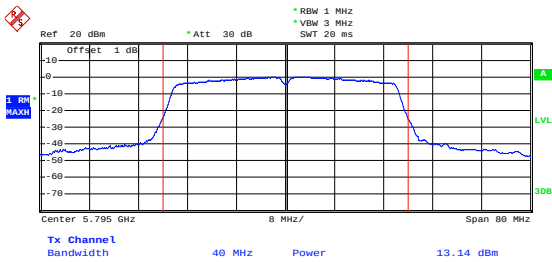
802.11a-Low	 Ref 20 dBm *Att 30 dB RBW 1 MHz VBW 3 MHz SWT 20 ms Offset 1 dB Center 5.745 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.21 dBm Date: 25.OCT.2024 11:09:21
802.11a-Middle	 Ref 20 dBm *Att 30 dB RBW 1 MHz VBW 3 MHz SWT 20 ms Offset 1 dB Center 5.785 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.46 dBm Date: 25.OCT.2024 11:09:50
802.11a-High	 Ref 20 dBm *Att 30 dB RBW 1 MHz VBW 3 MHz SWT 20 ms Offset 1 dB Center 5.825 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.99 dBm Date: 25.OCT.2024 11:10:22

802.11n-HT20-Low	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.745 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.68 dBm Date: 25.OCT.2024 11:11:24
802.11n-HT20-Middle	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.785 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.89 dBm Date: 25.OCT.2024 11:11:49
802.11n-HT20-High	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.825 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.58 dBm Date: 25.OCT.2024 11:12:30

802.11n-HT40-Low	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.755 GHz 8 MHz/ Span 80 MHz Tx Channel Bandwidth 40 MHz Power 12.85 dBm Date: 25.OCT.2024 11:14:20
802.11n-HT40-High	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.795 GHz 8 MHz/ Span 80 MHz Tx Channel Bandwidth 40 MHz Power 13.13 dBm Date: 25.OCT.2024 11:14:44
802.11ac-VHT20-Low	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.745 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.59 dBm Date: 25.OCT.2024 11:13:03

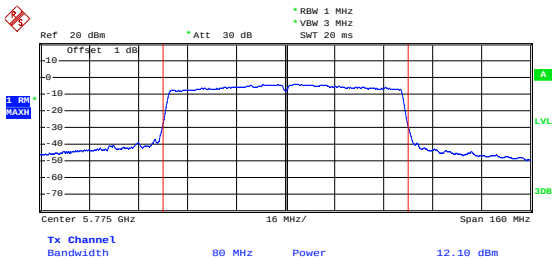
802.11ac-VHT20-Middle	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.785 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.98 dBm Date: 25.OCT.2024 11:13:21
802.11ac-VHT20-High	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.825 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.36 dBm Date: 25.OCT.2024 11:13:41
802.11ac-VHT40-Low	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.755 GHz 8 MHz/ Span 80 MHz Tx Channel Bandwidth 40 MHz Power 12.81 dBm Date: 25.OCT.2024 11:15:05

802.11ac-VHT40-High



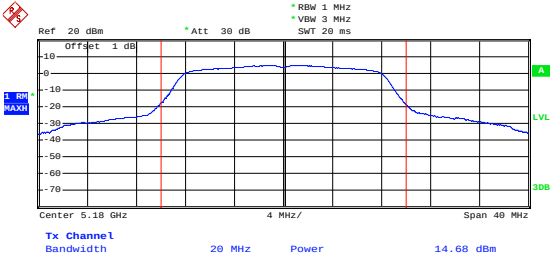
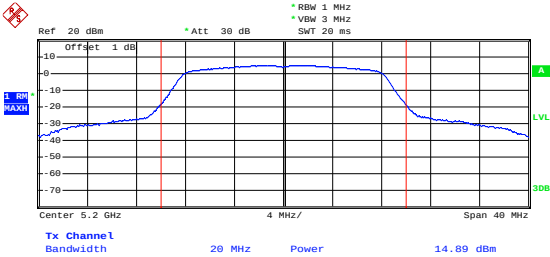
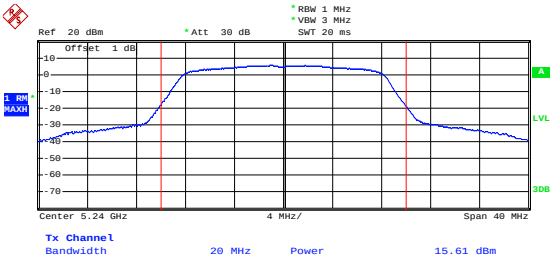
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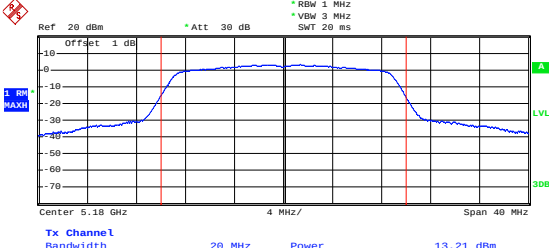
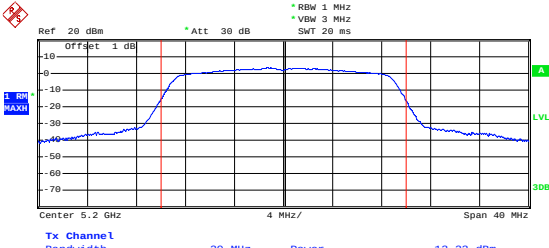
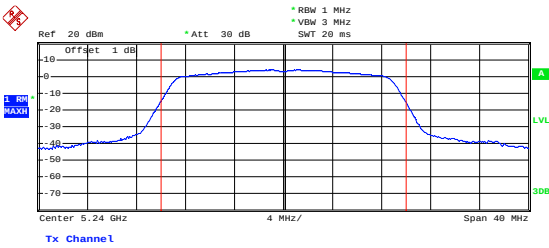
802.11ac-VHT80

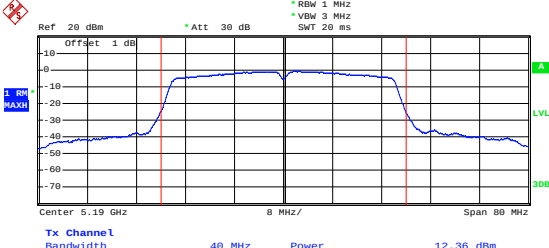
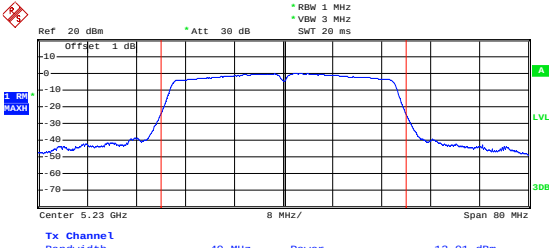
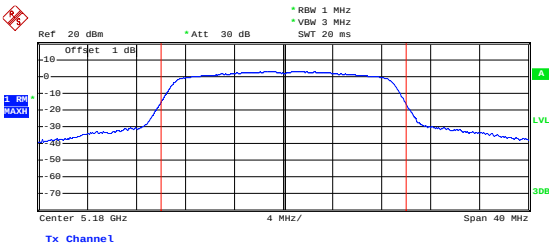


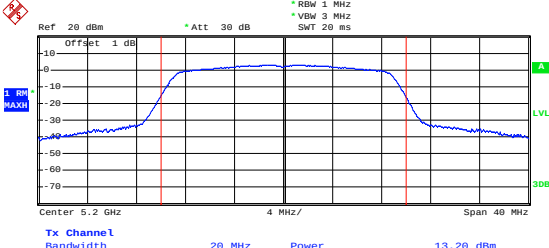
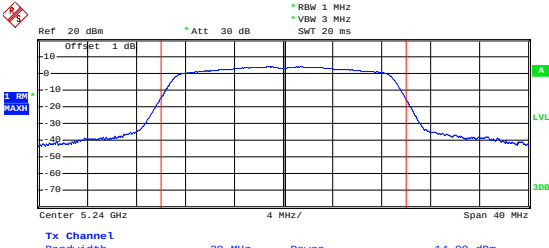
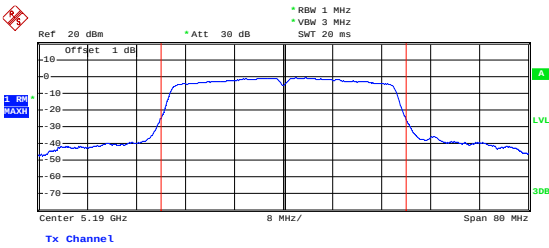
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ANT 2
5150-5250MHz

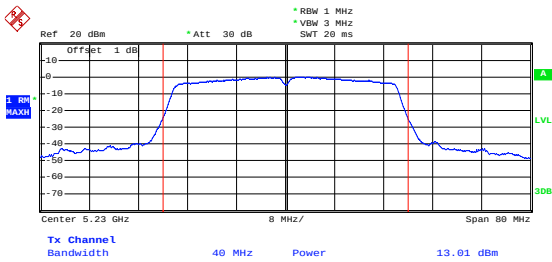
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802.11a-Middle	 Date: 25.OCT.2024 16:22:07
802.11a-High	 Date: 25.OCT.2024 16:22:35

802.11n-HT20-Low	 Ref 20 dBm * Att 30 dB * RBW 1 MHz * VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.18 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.21 dBm 1. RBW MAX A LVL 30B Date: 25.OCT.2024 16:23:19
802.11n-HT20-Middle	 Ref 20 dBm * Att 30 dB * RBW 1 MHz * VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.2 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.23 dBm 1. RBW MAX A LVL 30B Date: 25.OCT.2024 16:23:39
802.11n-HT20-High	 Ref 20 dBm * Att 30 dB * RBW 1 MHz * VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.24 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.05 dBm 1. RBW MAX A LVL 30B Date: 25.OCT.2024 16:24:00

802.11n-HT40-Low	 Ref 20 dBm * Att 30 dB * RBW 1 MHz * VBW 3 MHz SMT 20 ms Offset 1 dB 1 RBW MAX Center 5.19 GHz 8 MHz/ Span 80 MHz Tx Channel Bandwidth 40 MHz Power 12.36 dBm Date: 25.OCT.2024 16:25:36
802.11n-HT40-High	 Ref 20 dBm * Att 30 dB * RBW 1 MHz * VBW 3 MHz SMT 20 ms Offset 1 dB 1 RBW MAX Center 5.23 GHz 8 MHz/ Span 80 MHz Tx Channel Bandwidth 40 MHz Power 13.01 dBm Date: 25.OCT.2024 16:25:58
802.11ac-VHT20-Low	 Ref 20 dBm * Att 30 dB * RBW 1 MHz * VBW 3 MHz SMT 20 ms Offset 1 dB 1 RBW MAX Center 5.18 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.16 dBm Date: 25.OCT.2024 16:24:19

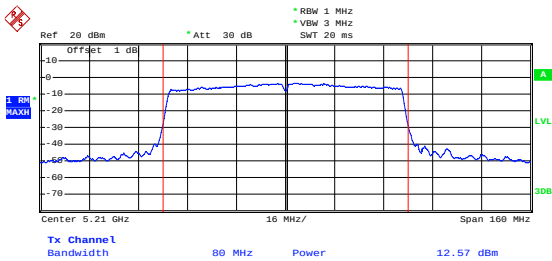
802.11ac-VHT20-Middle	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.2 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.20 dBm Date: 25.OCT.2024 16:24:38
802.11ac-VHT20-High	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.24 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.09 dBm Date: 25.OCT.2024 16:24:57
802.11ac-VHT40-Low	 Ref 20 dBm * Att 30 dB RBW 1 MHz Offset 1 dB VBW 3 MHz SMT 20 ms Center 5.19 GHz 8 MHz/ Span 80 MHz Tx Channel Bandwidth 40 MHz Power 12.28 dBm Date: 25.OCT.2024 16:26:19

802.11ac-VHT40-High



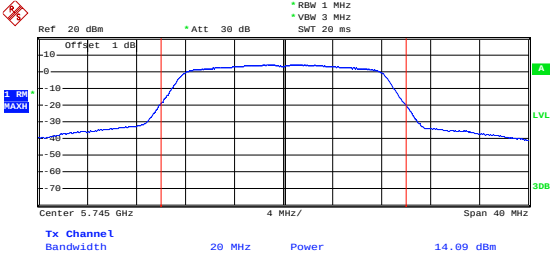
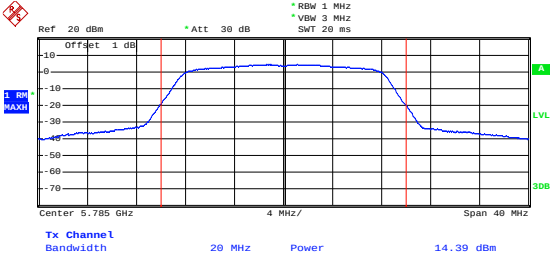
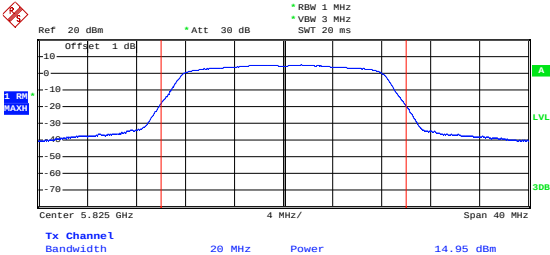
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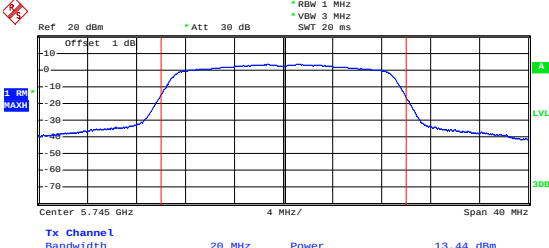
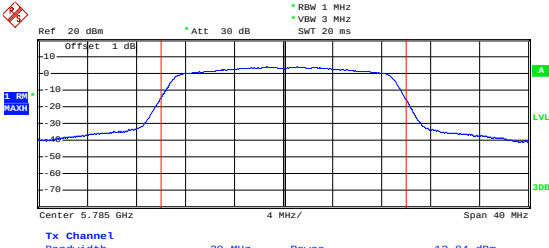
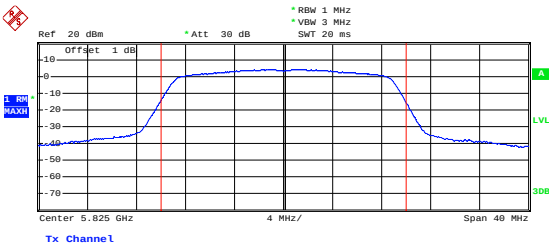
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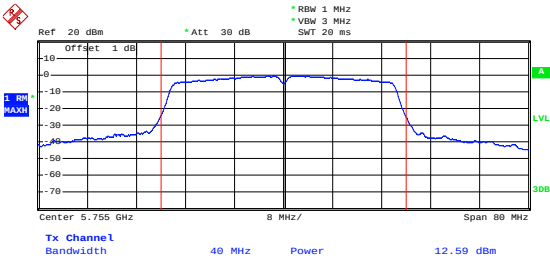
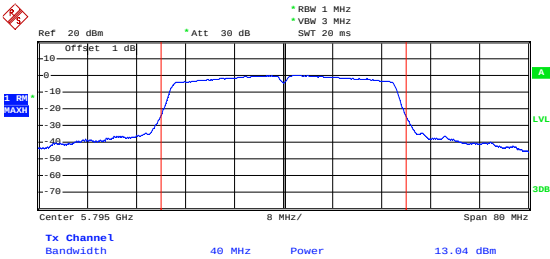
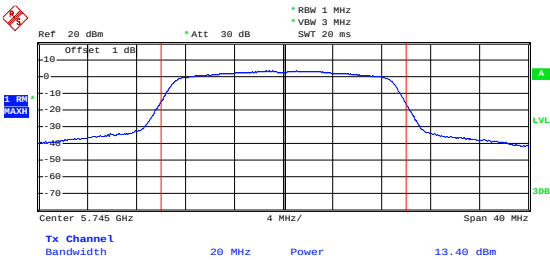


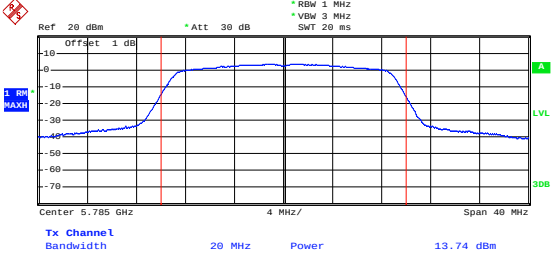
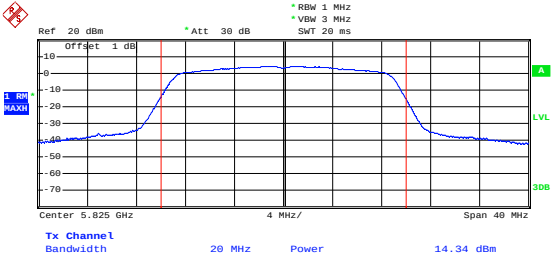
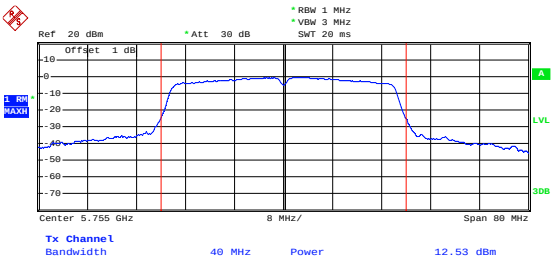
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5725-5850MHz

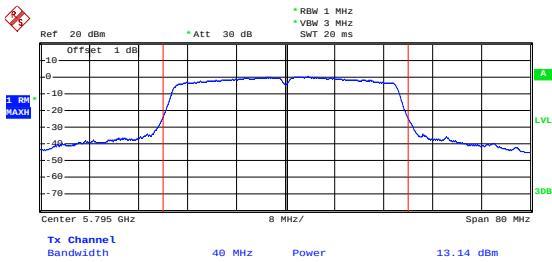
802.11a-Low	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.745 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 14.09 dBm Date: 25.OCT.2024 14:56:41
802.11a-Middle	 Ref: 20 dBm Offset: 1 dB Att: 30 dB RBW: 1 MHz VBW: 3 MHz SWT: 20 ms Center: 5.785 GHz Span: 40 MHz Tx Channel Bandwidth: 20 MHz Power: 14.39 dBm Date: 25.OCT.2024 14:57:17
802.11a-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: 14.95 dBm Date: 25.OCT.2024 14:57:48

802.11n-HT20-Low	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.745 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.44 dBm 1 RBW MAX A LVL 30B Date: 25.OCT.2024 14:58:43
802.11n-HT20-Middle	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.785 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.84 dBm 1 RBW MAX A LVL 30B Date: 25.OCT.2024 14:59:11
802.11n-HT20-High	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.825 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.33 dBm 1 RBW MAX A LVL 30B Date: 25.OCT.2024 14:59:31

802.11n-HT40-Low	 Date: 25.OCT.2024 15:01:36
802.11n-HT40-High	 Date: 25.OCT.2024 15:02:03
802.11ac-VHT20-Low	 Date: 25.OCT.2024 14:59:59

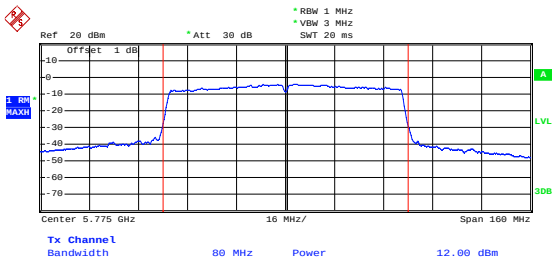
802.11ac-VHT20-Middle	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.785 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 13.74 dBm 1 RBW MAX A LVL 30B Date: 25.OCT.2024 15:00:20
802.11ac-VHT20-High	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.825 GHz 4 MHz/ Span 40 MHz Tx Channel Bandwidth 20 MHz Power 14.34 dBm 1 RBW MAX A LVL 30B Date: 25.OCT.2024 15:00:43
802.11ac-VHT40-Low	 Ref 20 dBm * Att 30 dB RBW 1 MHz VBW 3 MHz SMT 20 ms Offset 1 dB Center 5.755 GHz 8 MHz/ Span 80 MHz Tx Channel Bandwidth 40 MHz Power 12.53 dBm 1 RBW MAX A LVL 30B Date: 25.OCT.2024 15:02:31

802.11ac-VHT40-High



Date: 25.OCT.2024 15:02:56

802.11ac-VHT80



Date: 25.OCT.2024 15:04:32

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%	120	-30	495	0.095
100%		-20	501	0.096
100%		-10	496	0.095
100%		0	498	0.096
100%		+10	501	0.096
100%		+20	501	0.096
100%		+30	501	0.096
100%		+40	498	0.096
100%		+50	497	0.096
Low Battery power	102	+20	497	0.096
High Battery power	138	+20	501	0.096

U-NII-1:5725-5850MHz worst case at 802.11a middle channel				
Voltage(%)	Power(VDC)	TEMP(°C)	Freq.Dev(Hz)	Deviation
100%	120	-30	496	0.086
100%		-20	505	0.087
100%		-10	503	0.087
100%		0	505	0.087
100%		+10	504	0.087
100%		+20	501	0.087
100%		+30	503	0.087
100%		+40	502	0.087
100%		+50	496	0.086
Low Battery power	102	+20	505	0.087
High Battery power	138	+20	498	0.086

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

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