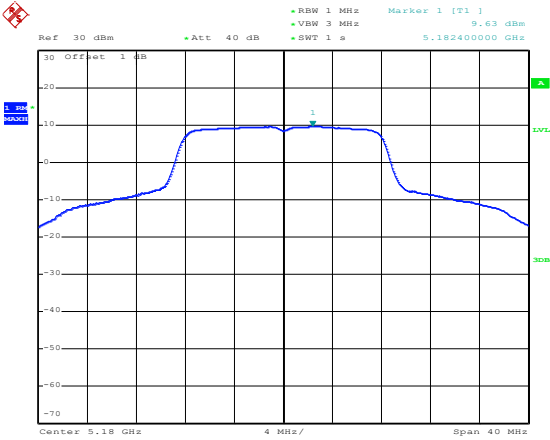
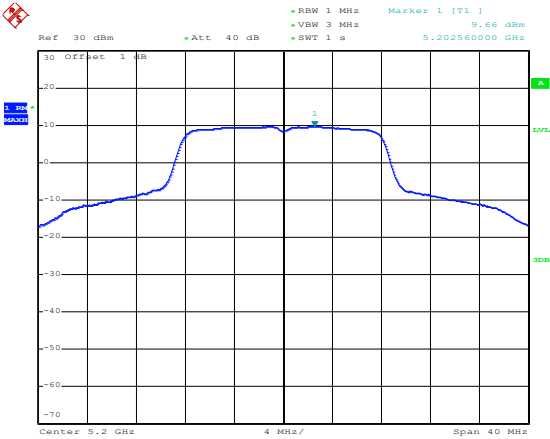
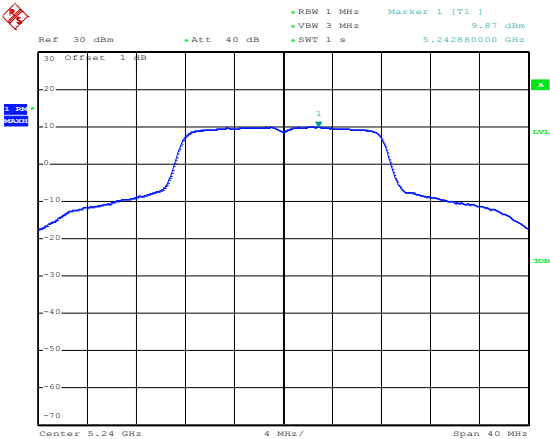
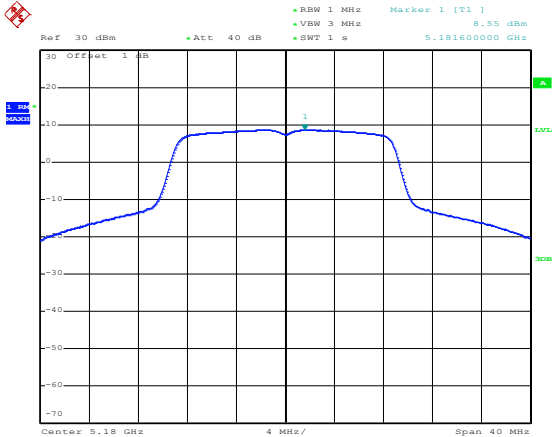
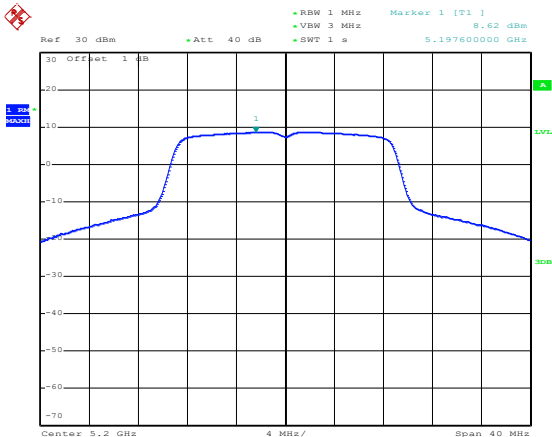
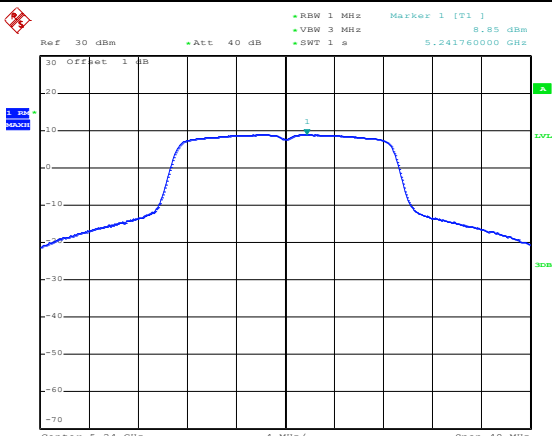
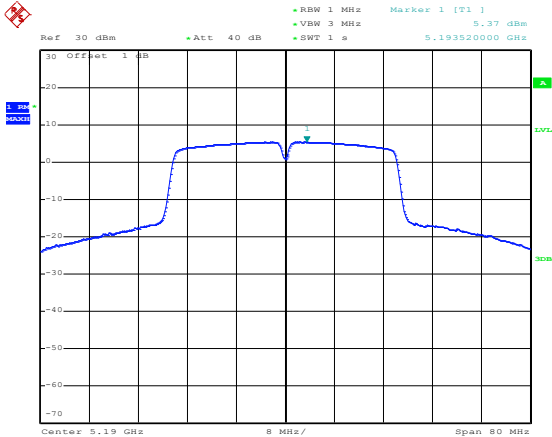
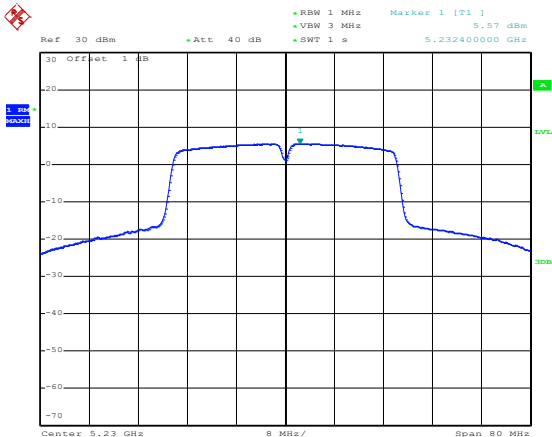
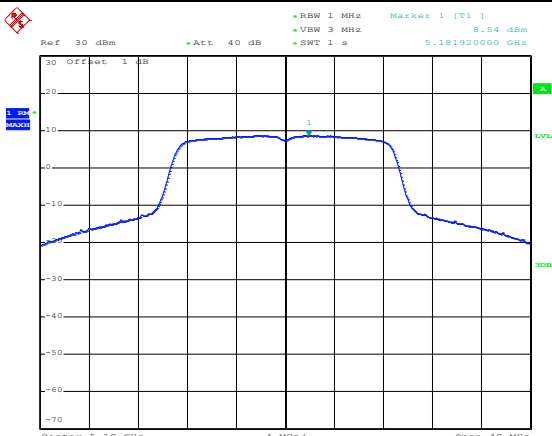


ANT 2
5150-5250MHz

802.11a-Low	 Date: 13.MAR.2024 18:47:01
802.11a-Middle	 Date: 13.MAR.2024 18:47:30
802.11a-High	 Date: 13.MAR.2024 18:47:50

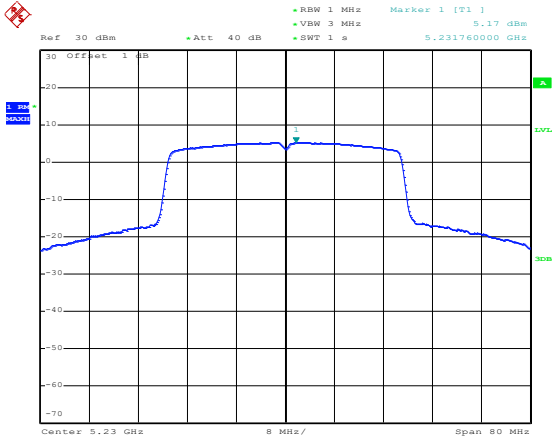
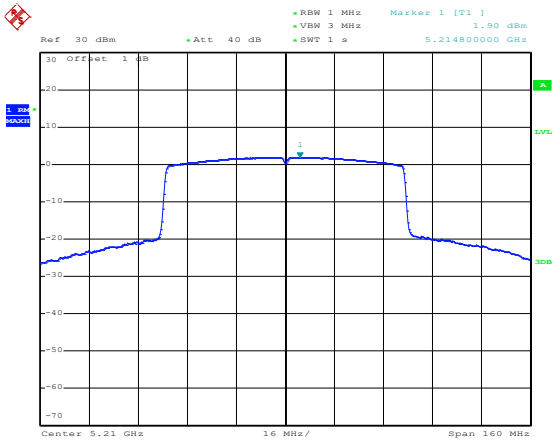
802.11n-HT20-Low	 Date: 13.MAR.2024 18:48:54
802.11n-HT20-Middle	 Date: 13.MAR.2024 18:48:34
802.11n-HT20-High	 Date: 13.MAR.2024 18:48:15

802.11n-HT40-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.37 dBm VSW 3 MHz SWT 1 s 5.193520000 GHz Center 5.19 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 18:51:20
802.11n-HT40-High	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.57 dBm VSW 3 MHz SWT 1 s 5.232400000 GHz Center 5.23 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 18:51:55
802.11ac-VHT20-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 8.54 dBm VSW 3 MHz SWT 1 s 5.181920000 GHz Center 5.18 GHz 4 MHz/ Span 40 MHz Date: 13.MAR.2024 18:49:11

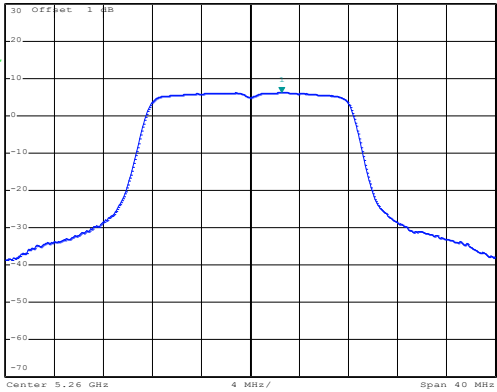
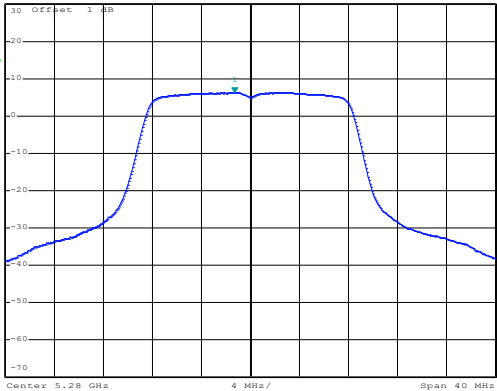
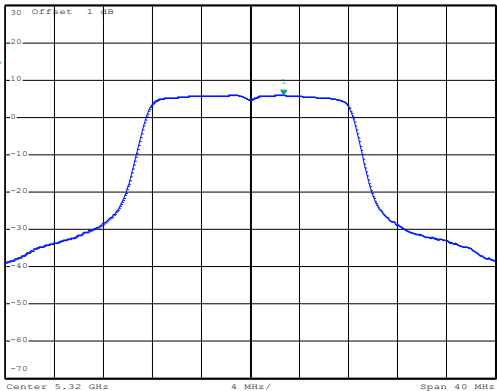
802.11ac-VHT20-Middle	Date: 13.MAR.2024 18:49:29
802.11ac-VHT20-High	Date: 13.MAR.2024 18:49:49
802.11ac-VHT40-Low	Date: 13.MAR.2024 18:52:31

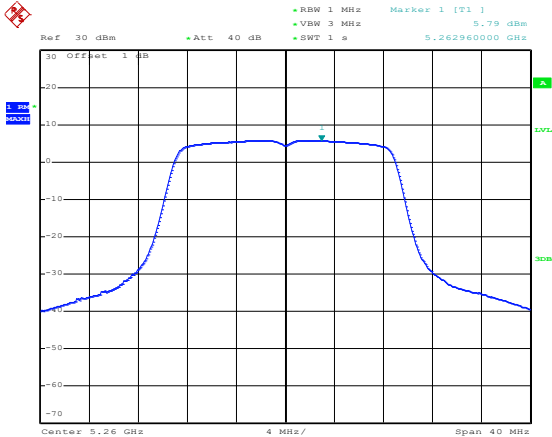
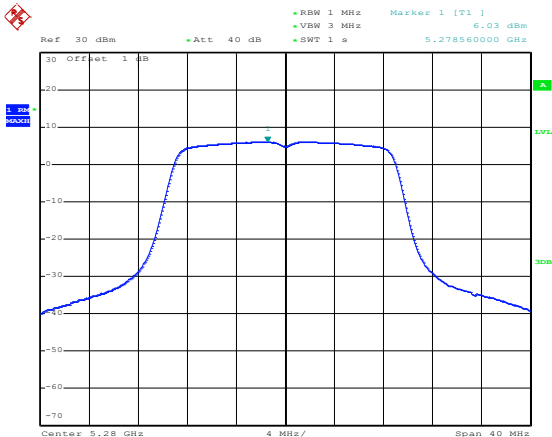
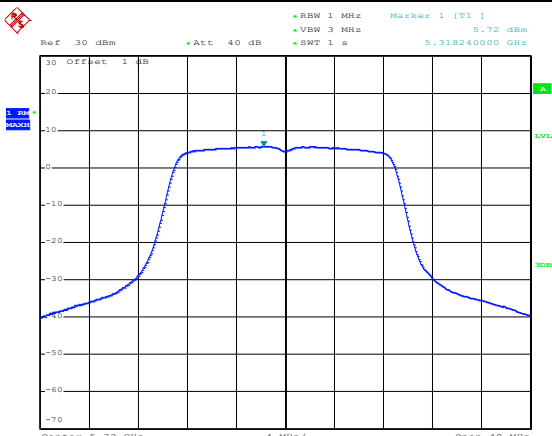
802.11ac-VHT40-High	Date: 13.MAR.2024 18:52:12
802.11ac-VHT80	Date: 13.MAR.2024 18:53:45
802.11ax-HE20-Low	Date: 13.MAR.2024 18:50:46

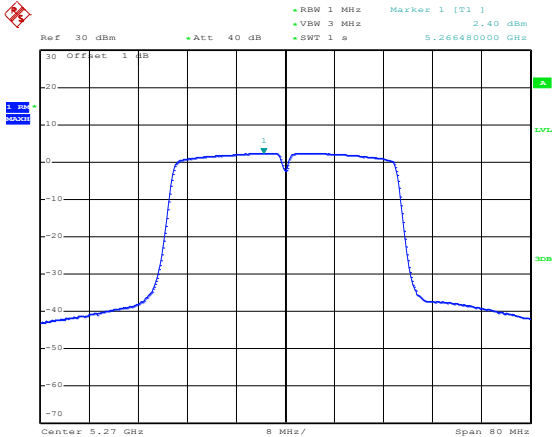
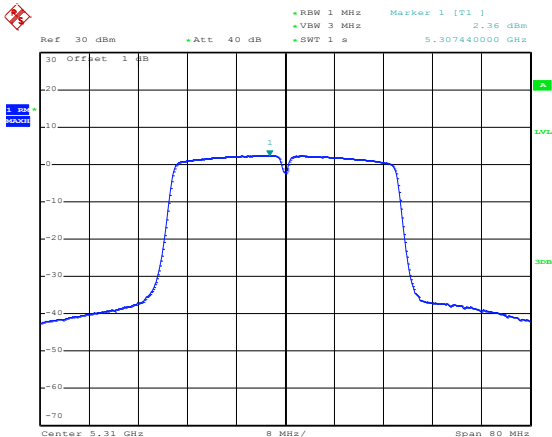
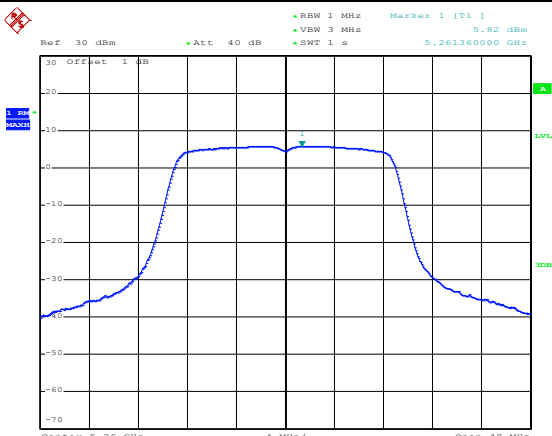
Antenna	Frequency (GHz)	Power (dBm)	Bandwidth (MHz)	Span (MHz)	Resolution (MHz)	Attenuation (dB)	SWR	Date	Time
802.11ax-HE20-Middle	5.20136000	8.31	3	40	1	40	1.6	13.MAR.2024	18:50:24
802.11ax-HE20-High	5.24136000	8.53	3	40	1	40	1.6	13.MAR.2024	18:50:05
802.11ax-HE40-Low	5.19256000	5.09	3	80	1	40	1.6	13.MAR.2024	18:52:51

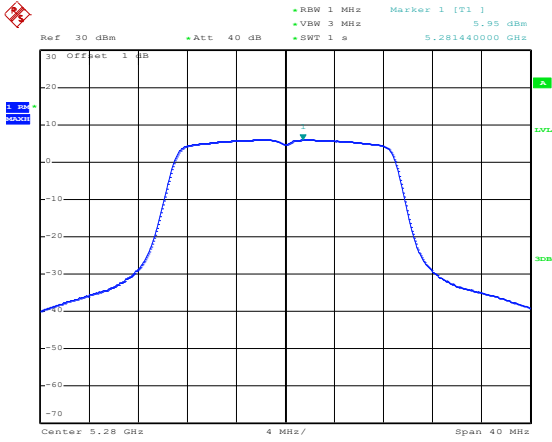
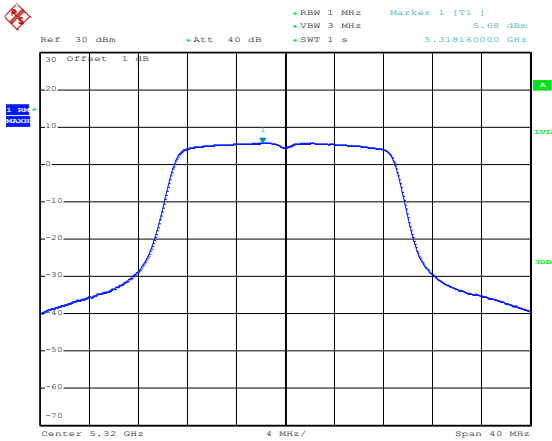
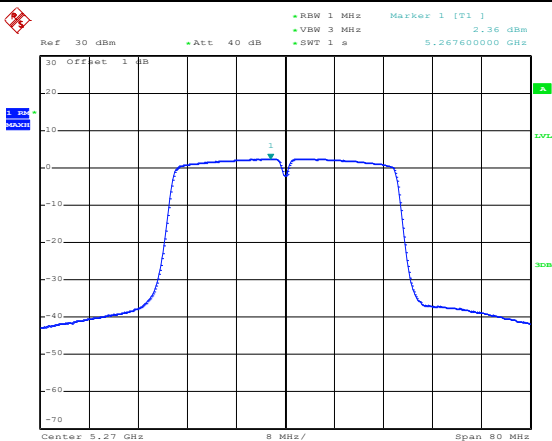
802.11ax-HE40-High	 Date: 13.MAR.2024 18:53:12
802.11ax-HE80	 Date: 13.MAR.2024 18:54:01

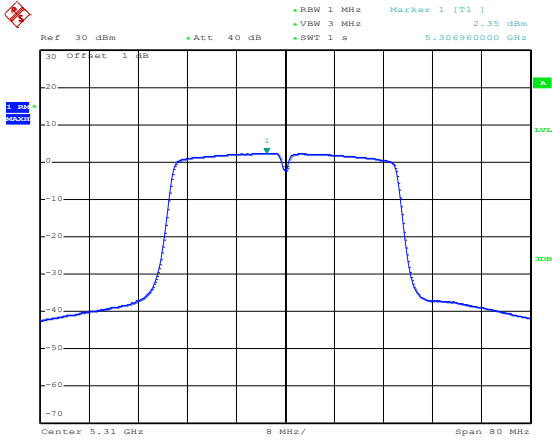
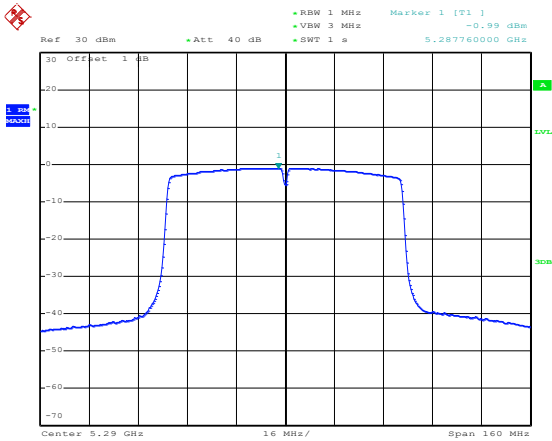
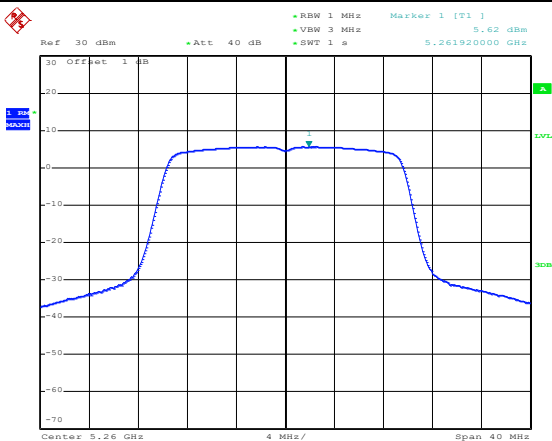
5250-5350MHz

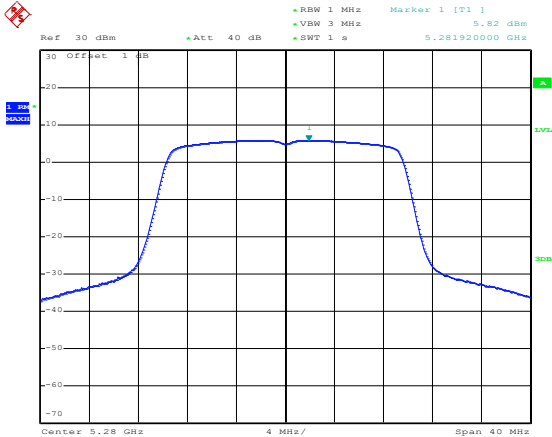
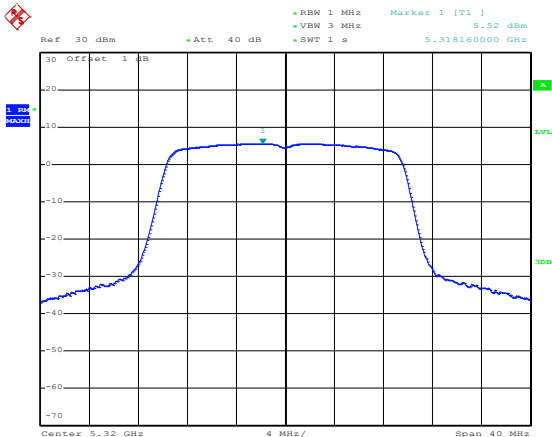
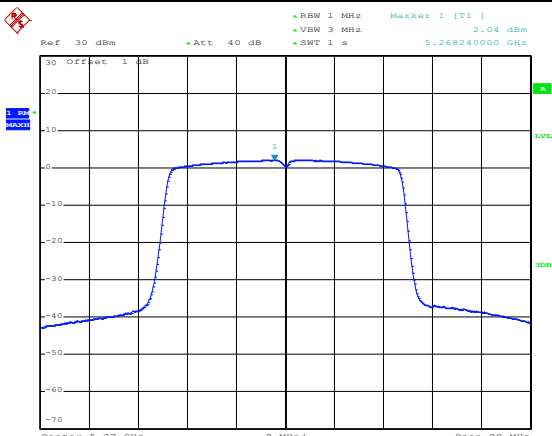
802.11a-Low	 Date: 13.MAR.2024 19:57:03
802.11a-Middle	 Date: 13.MAR.2024 19:57:39
802.11a-High	 Date: 13.MAR.2024 19:58:08

802.11n-HT20-Low	 Date: 13.MAR.2024 19:59:19
802.11n-HT20-Middle	 Date: 13.MAR.2024 19:58:52
802.11n-HT20-High	 Date: 13.MAR.2024 19:58:29

802.11n-HT40-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 2.40 dBm VSW 3 MHz SWT 1 s 5.266480000 GHz Center 5.27 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 20:02:08
802.11n-HT40-High	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 2.36 dBm VSW 3 MHz SWT 1 s 5.307440000 GHz Center 5.31 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 20:02:32
802.11ac-VHT20-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.82 dBm VSW 3 MHz SWT 1 s 5.261360000 GHz Center 5.26 GHz 4 MHz/ Span 40 MHz Date: 13.MAR.2024 19:59:41

802.11ac-VHT20-Middle	 Date: 13.MAR.2024 20:00:03
802.11ac-VHT20-High	 Date: 13.MAR.2024 20:00:28
802.11ac-VHT40-Low	 Date: 13.MAR.2024 20:03:18

802.11ac-VHT40-High	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 2.35 dBm VSW 3 MHz SWT 1 s 5.306960000 GHz Center 5.31 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 20:02:51
802.11ac-VHT80	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] -0.99 dBm VSW 3 MHz SWT 1 s 5.287760000 GHz Center 5.29 GHz 16 MHz/ Span 160 MHz Date: 13.MAR.2024 20:04:40
802.11ax-HE20-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.62 dBm VSW 3 MHz SWT 1 s 5.261920000 GHz Center 5.26 GHz 4 MHz/ Span 40 MHz Date: 13.MAR.2024 20:01:28

802.11ax-HE20-Middle	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.28 dBm VSW 3 MHz SWT 1 s 5.281920000 GHz Center 5.28 GHz 4 MHz/ Span 40 MHz Date: 13.MAR.2024 20:01:08
802.11ax-HE20-High	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.32 dBm VSW 3 MHz SWT 1 s 5.318160000 GHz Center 5.32 GHz 4 MHz/ Span 40 MHz Date: 13.MAR.2024 20:00:46
802.11ax-HE40-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 2.04 dBm VSW 3 MHz SWT 1 s 5.268240000 GHz Center 5.27 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 20:03:37

[illegible]

5470-5725MHz

Channel	Frequency (GHz)	Power (dBm)	Bandwidth (MHz)	Attenuation (dB)	SWT	Marker 1 [T1]
802.11a-Low	5.501920000	6.27	1	40	1 a	5.501920000 GHz
802.11a-Middle	5.602240000	6.37	1	40	1 a	5.602240000 GHz
802.11a-High	5.702640000	6.19	1	40	1 a	5.702640000 GHz

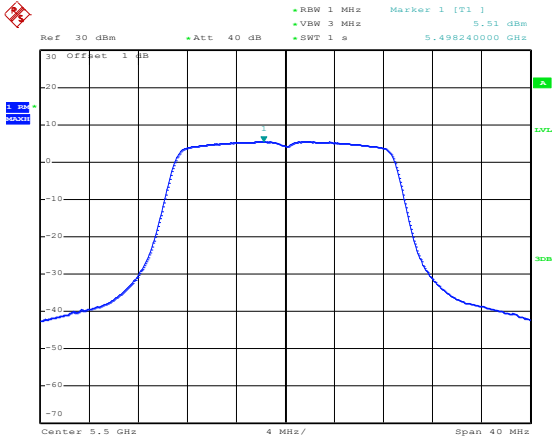
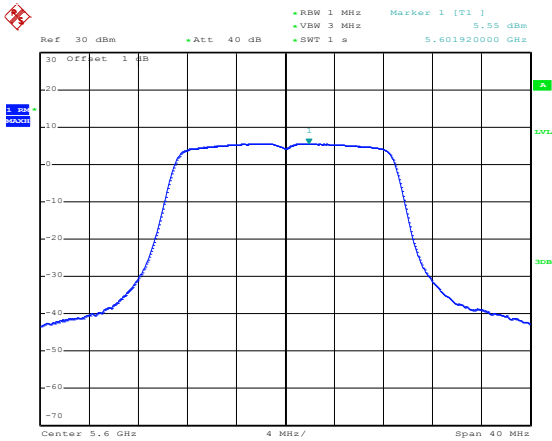
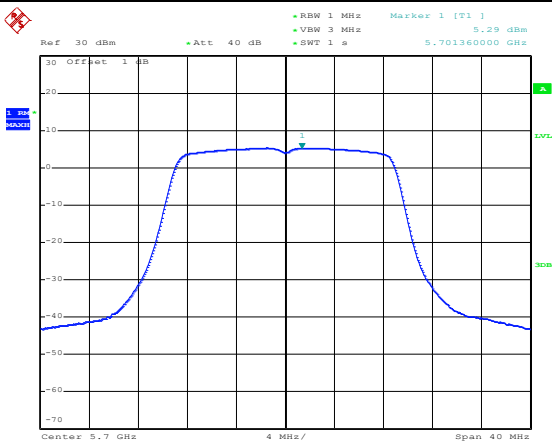
The figure displays three spectral plots for 802.11a channels, each showing a blue line for the signal spectrum, a green line for the noise floor, and a red line for the channel power. The plots are labeled '802.11a-Low', '802.11a-Middle', and '802.11a-High'. The x-axis represents frequency in GHz, and the y-axis represents power in dBm. The plots show a clear signal peak at the center frequency of each channel.

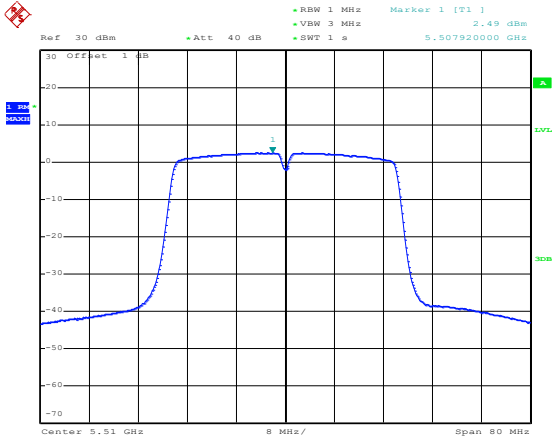
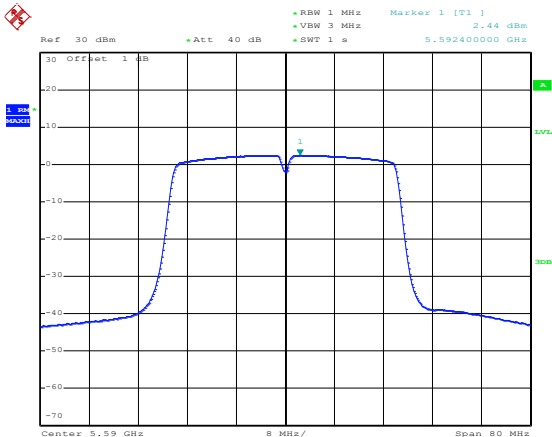
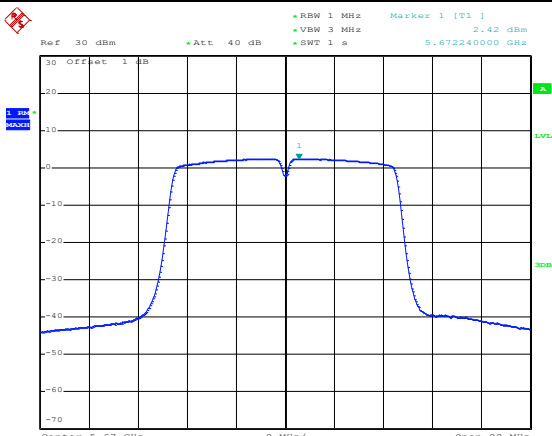
Channel	Frequency (GHz)	Power (dBm)	Bandwidth (MHz)	Attenuation (dB)	SWT	Marker 1 [T1]
802.11a-Low	5.501920000	6.27	1	40	1 a	5.501920000 GHz
802.11a-Middle	5.602240000	6.37	1	40	1 a	5.602240000 GHz
802.11a-High	5.702640000	6.19	1	40	1 a	5.702640000 GHz

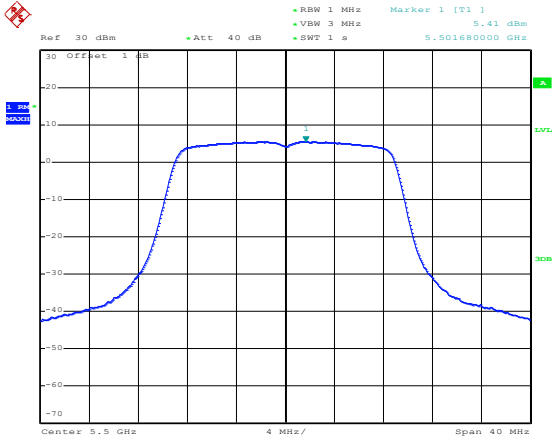
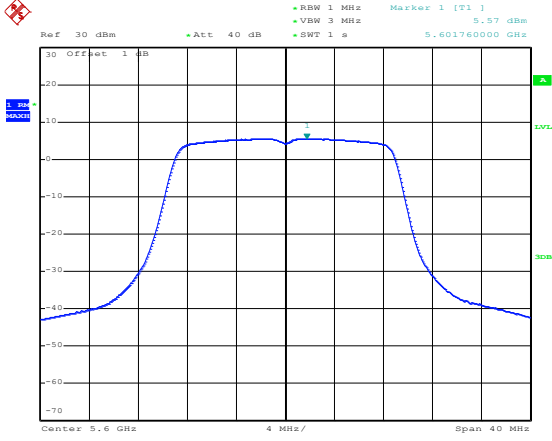
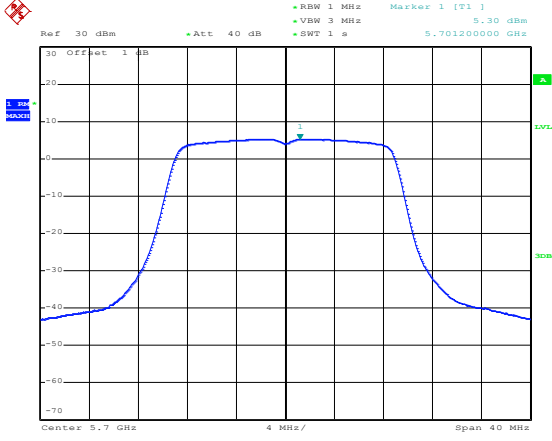
Date: 14.MAR.2024 10:44:27

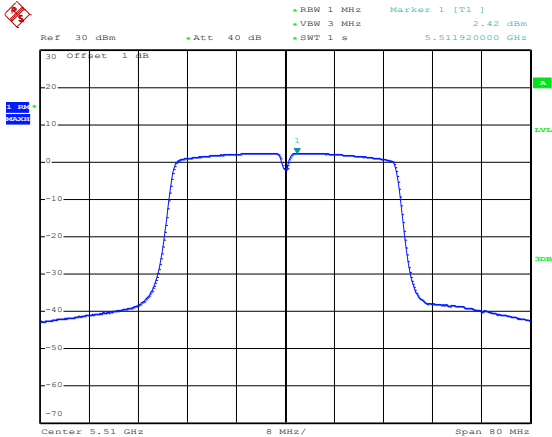
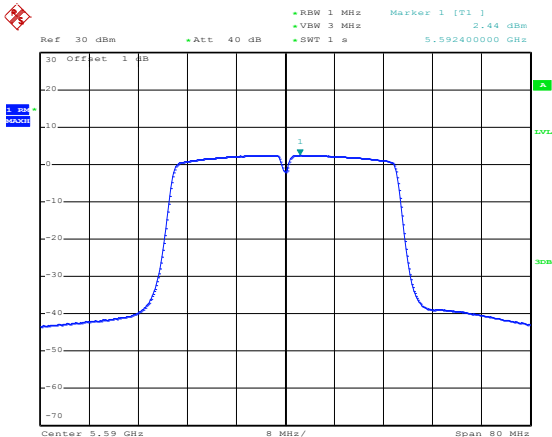
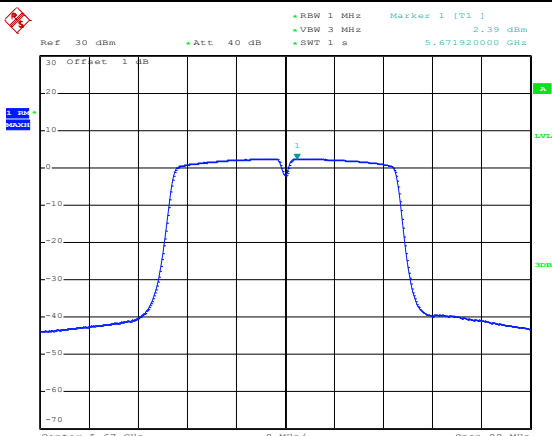
Date: 14.MAR.2024 10:45:01

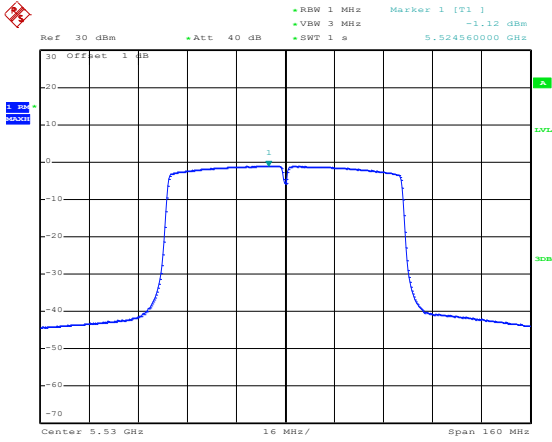
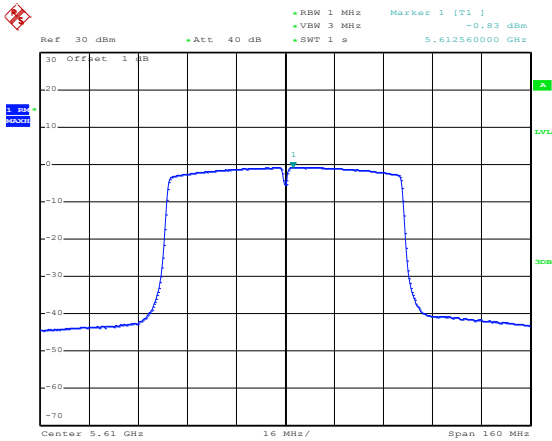
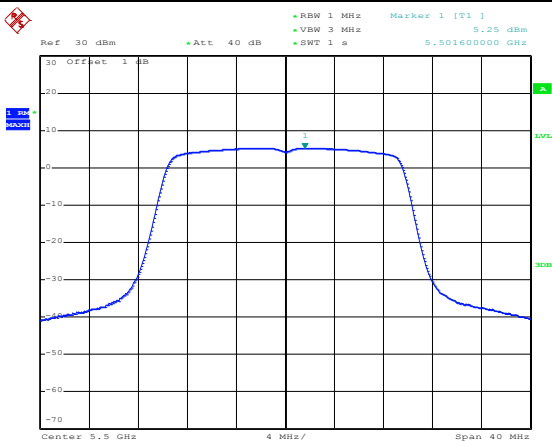
Date: 14.MAR.2024 10:45:22

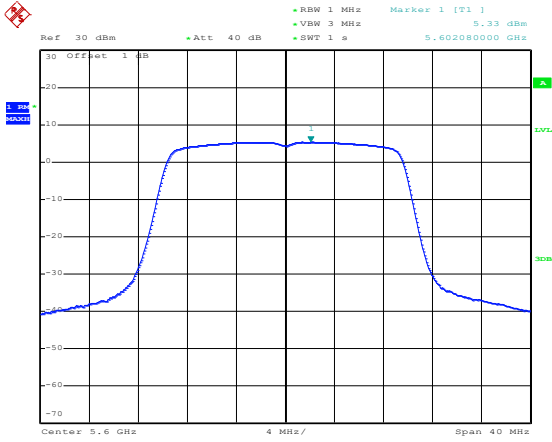
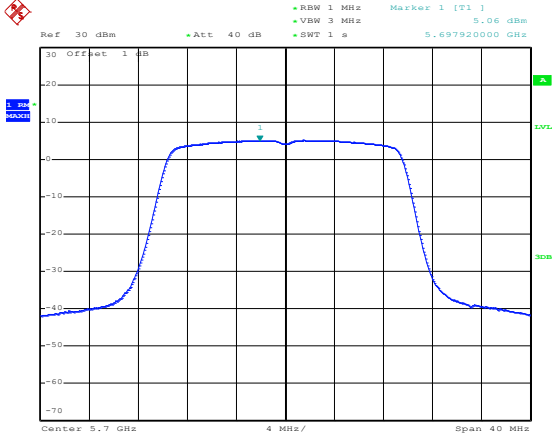
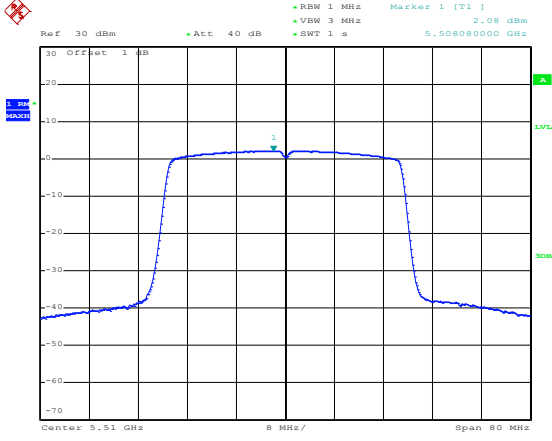
802.11n-HT20-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.51 dBm VSW 3 MHz SWT 1 s 5.498240000 GHz Center 5.5 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 10:46:35
802.11n-HT20-Middle	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.55 dBm VSW 3 MHz SWT 1 s 5.601920000 GHz Center 5.6 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 10:46:13
802.11n-HT20-High	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.29 dBm VSW 3 MHz SWT 1 s 5.701360000 GHz Center 5.7 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 10:45:53

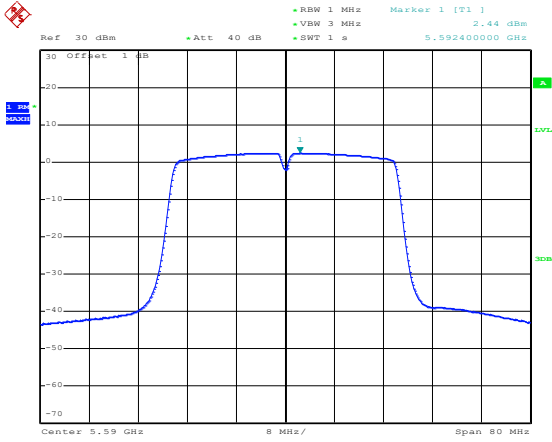
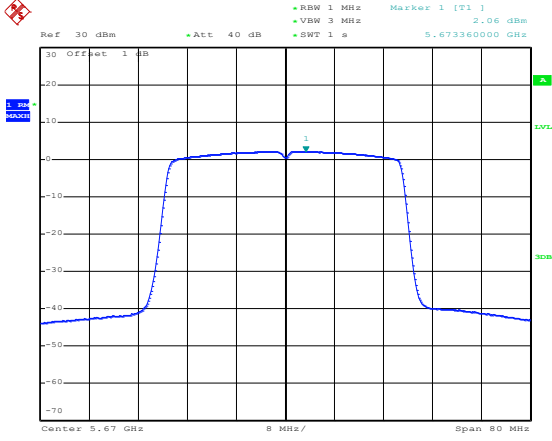
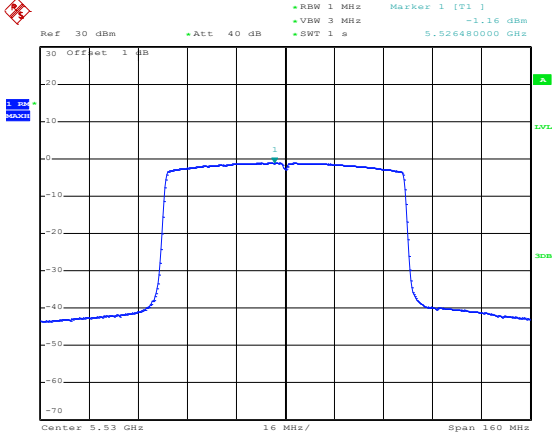
802.11n-HT40-Low	 Ref 30 dBm • Att 40 dB • RBW 1 MHz Marker 1 [T1] 2.49 dBm • VSW 3 MHz 5.507920000 GHz • SWT 1 s 30 Offset 1 dB Center 5.51 GHz 8 MHz/ Span 80 MHz Date: 14.MAR.2024 10:49:48
802.11n-HT40-Middle	 Ref 30 dBm • Att 40 dB • RBW 1 MHz Marker 1 [T1] 2.44 dBm • VSW 3 MHz 5.592400000 GHz • SWT 1 s 30 Offset 1 dB Center 5.59 GHz 8 MHz/ Span 80 MHz Date: 14.MAR.2024 10:50:10
802.11n-HT40-High	 Ref 30 dBm • Att 40 dB • RBW 1 MHz Marker 1 [T1] 2.42 dBm • VSW 3 MHz 5.672240000 GHz • SWT 1 s 30 Offset 1 dB Center 5.67 GHz 8 MHz/ Span 80 MHz Date: 14.MAR.2024 10:50:33

802.11ac-VHT20-Low	 Date: 14.MAR.2024 10:46:52
802.11ac-VHT20-Middle	 Date: 14.MAR.2024 10:47:13
802.11ac-VHT20-High	 Date: 14.MAR.2024 10:47:54

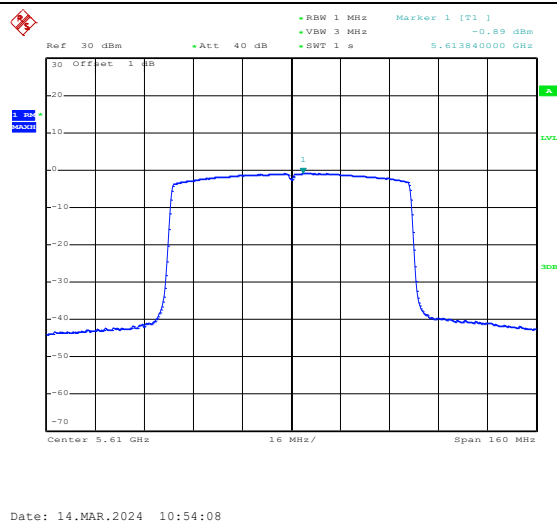
802.11ac-VHT40-Low	 Ref: 30 dBm, Att: 40 dB, RBW: 1 MHz, VSW: 3 MHz, SWT: 1 s, Marker 1 [T1]: 2.42 dBm, 5.511920000 GHz Center: 5.51 GHz, Span: 80 MHz Date: 14.MAR.2024 10:51:40
802.11ac-VHT40-Middle	 Ref: 30 dBm, Att: 40 dB, RBW: 1 MHz, VSW: 3 MHz, SWT: 1 s, Marker 1 [T1]: 2.44 dBm, 5.592400000 GHz Center: 5.59 GHz, Span: 80 MHz Date: 14.MAR.2024 10:50:10
802.11ac-VHT40-High	 Ref: 30 dBm, Att: 40 dB, RBW: 1 MHz, VSW: 3 MHz, SWT: 1 s, Marker 1 [T1]: 2.39 dBm, 5.671920000 GHz Center: 5.67 GHz, Span: 80 MHz Date: 14.MAR.2024 10:50:55

802.11ac-VHT80-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] -1.12 dBm VSW 3 MHz SWT 1 s 5.524560000 GHz Center 5.53 GHz 16 MHz/ Span 160 MHz Date: 14.MAR.2024 10:53:21
802.11ac-VHT80-High	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] -0.83 dBm VSW 3 MHz SWT 1 s 5.612560000 GHz Center 5.61 GHz 16 MHz/ Span 160 MHz Date: 14.MAR.2024 10:53:49
802.11ax-HE20-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 5.25 dBm VSW 3 MHz SWT 1 s 5.501600000 GHz Center 5.5 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 10:48:55

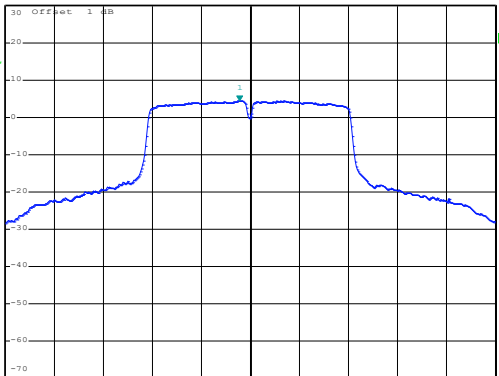
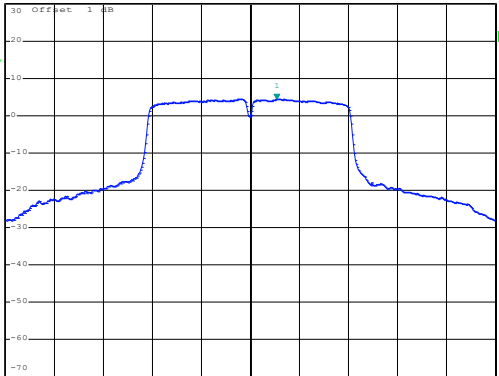
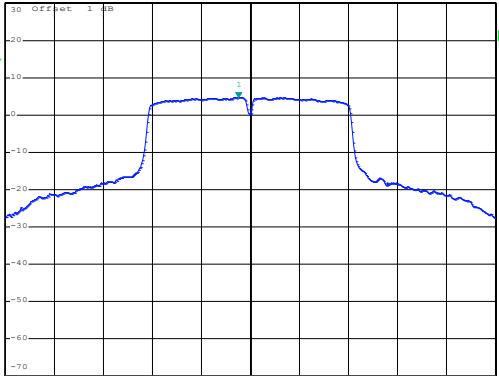
802.11ax-HE20-Middle	 Date: 14.MAR.2024 10:48:33
802.11ax-HE20-High	 Date: 14.MAR.2024 10:48:13
802.11ax-HE40-Low	 Date: 14.MAR.2024 10:52:02

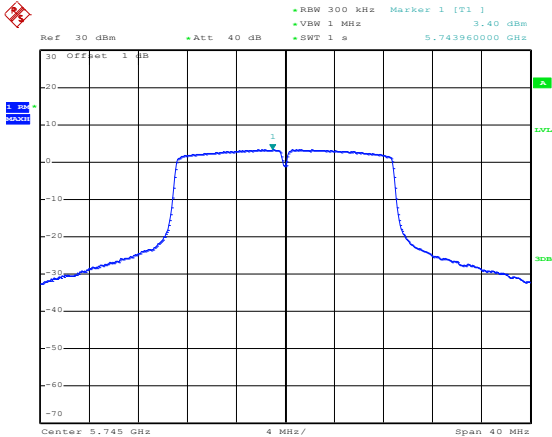
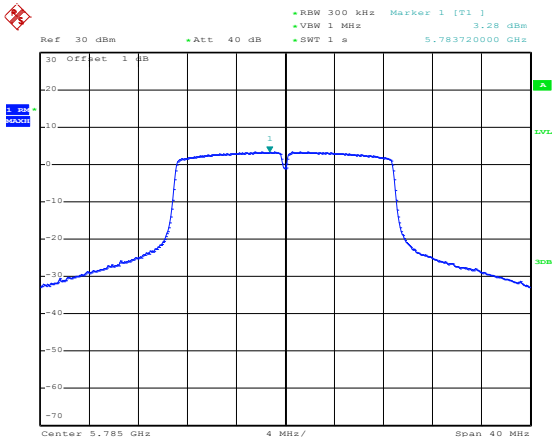
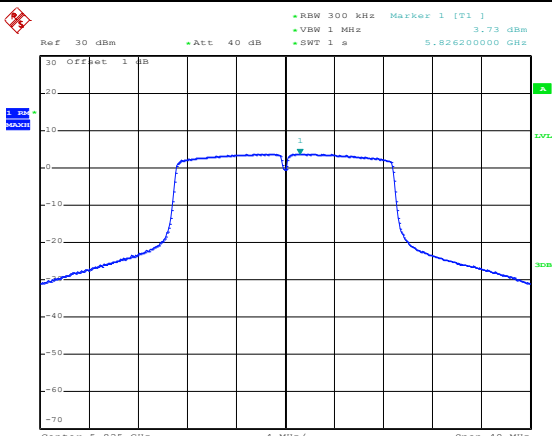
802.11ax-HE40-Middle	 Date: 14.MAR.2024 10:50:10
802.11ax-HE40-High	 Date: 14.MAR.2024 10:52:51
802.11ax-HE80-Low	 Date: 14.MAR.2024 10:54:29

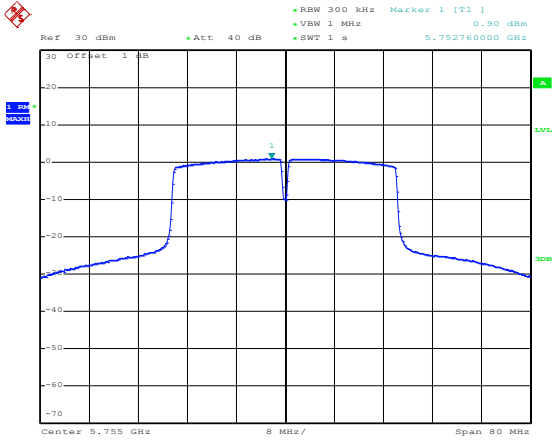
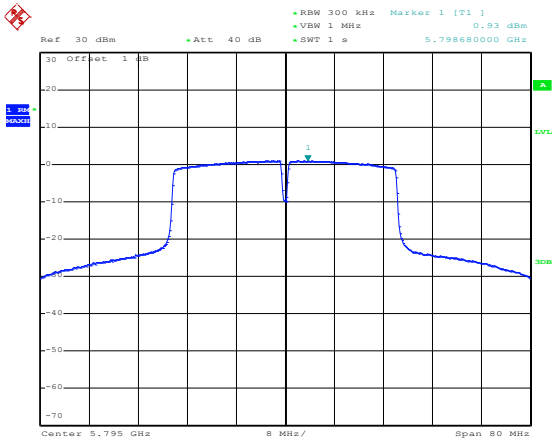
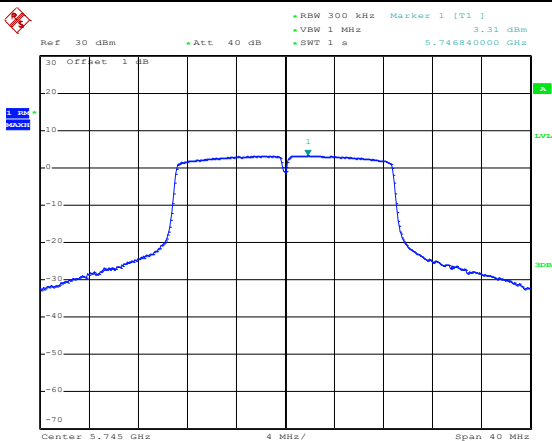
802.11ax-HE80-High

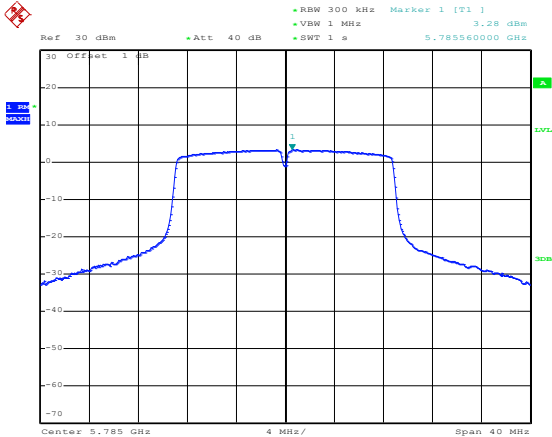
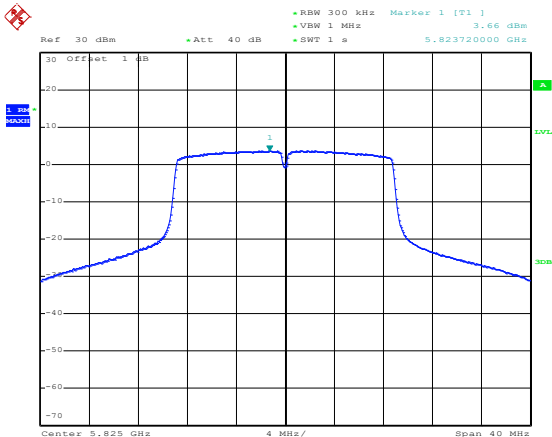
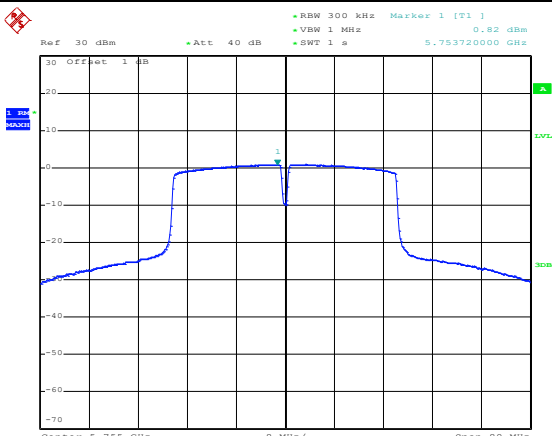


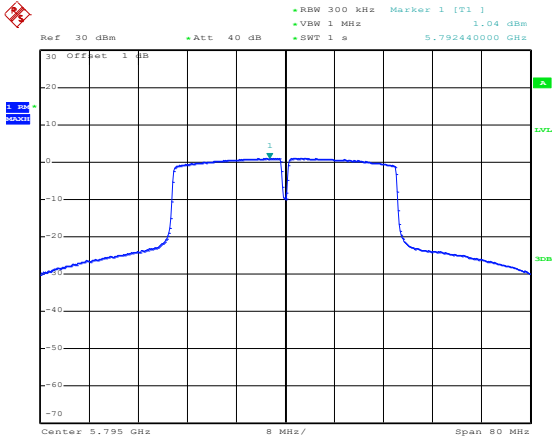
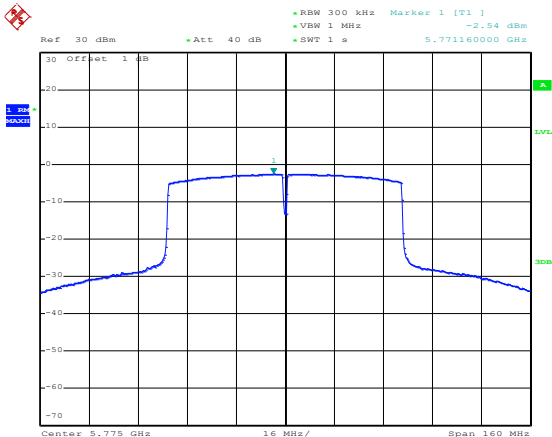
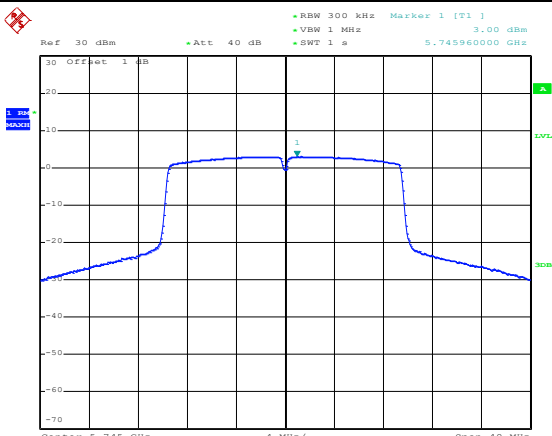
5725-5850MHz

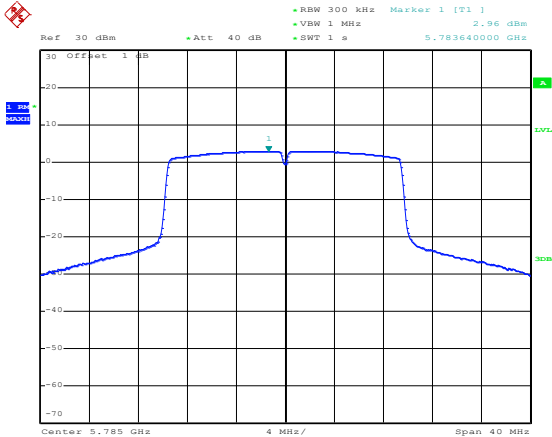
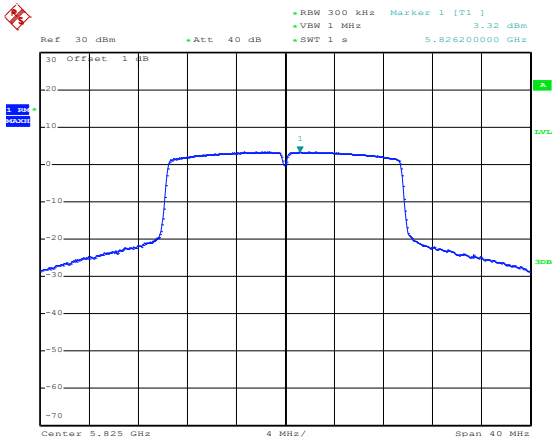
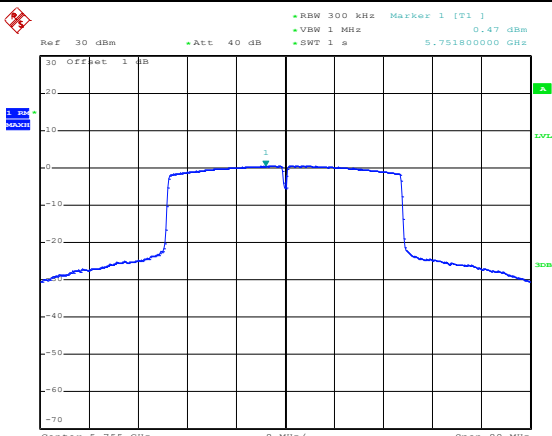
802.11a-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 4.40 dBm •VSW 1 MHz •SWT 1 s 5.744320000 GHz Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:45:57
802.11a-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 4.53 dBm •VSW 1 MHz •SWT 1 s 5.787160000 GHz Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:47:15
802.11a-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 4.74 dBm •VSW 1 MHz •SWT 1 s 5.824040000 GHz Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:47:41

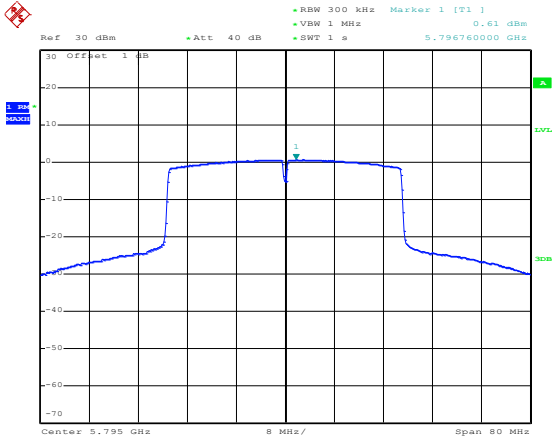
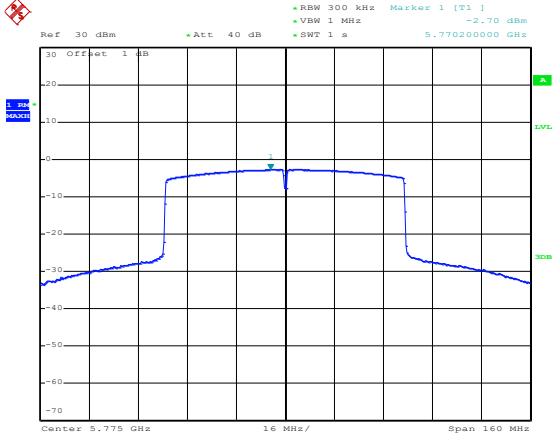
802.11n-HT20-Low	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 3.40 dBm VSW 1 MHz SWT 1 s 5.743960000 GHz Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:49:06
802.11n-HT20-Middle	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 3.28 dBm VSW 1 MHz SWT 1 s 5.783720000 GHz Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:48:40
802.11n-HT20-High	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 3.73 dBm VSW 1 MHz SWT 1 s 5.826200000 GHz Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:48:12

802.11n-HT40-Low	 Ref 30 dBm • Att 40 dB • RBW 300 kHz Marker 1 [T1] 0.90 dBm • VSW 1 MHz • SWT 1 s 5.752760000 GHz Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 14.MAR.2024 13:52:10
802.11n-HT40-High	 Ref 30 dBm • Att 40 dB • RBW 300 kHz Marker 1 [T1] 0.93 dBm • VSW 1 MHz • SWT 1 s 5.798680000 GHz Center 5.795 GHz 8 MHz/ Span 80 MHz Date: 14.MAR.2024 13:52:33
802.11ac-VHT20-Low	 Ref 30 dBm • Att 40 dB • RBW 300 kHz Marker 1 [T1] 3.31 dBm • VSW 1 MHz • SWT 1 s 5.746840000 GHz Center 5.745 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:49:27

802.11ac-VHT20-Middle	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 3.28 dBm VSW 1 MHz SWT 1 s 5.78560000 GHz Center 5.785 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:49:49
802.11ac-VHT20-High	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 3.66 dBm VSW 1 MHz SWT 1 s 5.823720000 GHz Center 5.825 GHz 4 MHz/ Span 40 MHz Date: 14.MAR.2024 13:50:16
802.11ac-VHT40-Low	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 0.82 dBm VSW 1 MHz SWT 1 s 5.753720000 GHz Center 5.755 GHz 8 MHz/ Span 80 MHz Date: 14.MAR.2024 13:59:18

802.11ac-VHT40-High	 Date: 14.MAR.2024 13:53:07
802.11ac-VHT80	 Date: 14.MAR.2024 13:55:22
802.11ax-HE20-Low	 Date: 14.MAR.2024 13:51:23

802.11ax-HE20-Middle	 Date: 14.MAR.2024 13:51:01
802.11ax-HE20-High	 Date: 14.MAR.2024 13:50:36
802.11ax-HE40-Low	 Date: 14.MAR.2024 13:59:35

802.11ax-HE40-High	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 0.61 dBm VSW 1 MHz SWT 1 s 5.796760000 GHz Center 5.795 GHz 8 MHz/ Span 80 MHz Date: 14.MAR.2024 13:54:46
802.11ax-HE80	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] -2.70 dBm VSW 1 MHz SWT 1 s 5.770200000 GHz Center 5.775 GHz 16 MHz/ Span 160 MHz Date: 14.MAR.2024 13:55:40

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	39.4	26.52	43.2	31.04	Pass
	5200	40.0	26.64	42.6	30.72	Pass
	5240	39.6	25.92	41.0	29.92	Pass
802.11n-HT20	5180	34.72	19.7	36.16	22.2	Pass
	5200	34.72	19.5	37.44	22.2	Pass
	5240	34.56	19.8	37.76	21.2	Pass
802.11n-HT40	5190	78.72	47.4	78.40	46.2	Pass
	5230	76.80	16.4	77.12	43.0	Pass
802.11ac-VHT20	5180	35.84	19.7	38.08	22.3	Pass
	5200	35.36	19.8	38.40	22.6	Pass
	5240	34.24	19.1	37.76	21.4	Pass
802.11ac-VHT40	5190	73.92	47.6	74.24	44.0	Pass
	5230	79.68	46.6	74.88	42.6	Pass
802.11ac-VHT80	5210	154.0	85.6	152.6	82.0	Pass
802.11ax-HE20	5180	36.32	20.1	39.52	22.2	Pass
	5200	36.32	20.2	38.4	22.7	Pass
	5240	35.20	19.9	38.08	21.4	Pass
802.11ax-HE40	5190	74.88	42.0	70.4	40.6	Pass
	5230	68.48	40.6	70.08	39.8	Pass
802.11ax-HE80	5210	137.9	79.2	142.1	79.2	Pass

U-NII-2A: 5250-5350MHz						
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	5260	20.1	16.6	19.5	16.5	Pass
	5280	19.5	16.5	19.5	16.5	Pass
	5320	19.4	16.5	19.5	16.5	Pass
802.11n-HT20	5260	20.8	17.7	20.3	17.7	Pass
	5280	20.6	17.7	20.6	17.6	Pass
	5320	20.7	17.6	20.4	17.7	Pass
802.11n-HT40	5270	39.8	36.48	39.6	36.32	Pass
	5310	39.8	36.32	39.4	36.32	Pass
802.11ac-VHT20	5260	20.6	17.7	20.6	17.7	Pass
	5280	20.6	17.6	20.4	17.7	Pass
	5320	20.8	17.7	20.4	17.7	Pass
802.11ac-VHT40	5270	40.0	36.32	39.6	36.32	Pass
	5310	39.6	36.32	39.4	36.32	Pass
802.11ac-VHT80	5290	83.6	75.84	82.8	75.52	Pass
802.11ax-HE20	5260	21.1	19.0	21.4	19.0	Pass
	5280	21.3	19.0	21.2	19.0	Pass
	5320	21.4	19.0	21.0	19.0	Pass
802.11ax-HE40	5270	41.0	38.08	40.4	38.08	Pass
	5310	40.6	37.92	40.0	37.92	Pass
802.11ax-HE80	5290	83.6	77.44	83.2	77.44	Pass

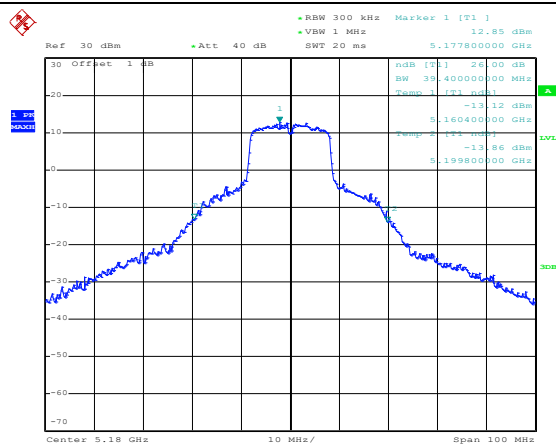
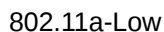
U-NII-2C: 5470-5725MHz						
Test Mode	Test Channel MHz	ANT 1		ANT 2		Result
		26 dB Bandwidth MHz	99% Bandwidth MHz	26 dB Bandwidth MHz	99% Bandwidth MHz	
802.11a	5500	19.4	16.50	19.4	16.5	Pass
	5600	19.3	16.5	19.5	16.5	Pass
	5700	19.4	16.5	19.3	16.5	Pass
802.11n-HT20	5500	20.3	17.6	20.2	17.6	Pass
	5600	20.6	17.6	20.5	17.6	Pass
	5700	20.6	17.6	20.4	17.6	Pass
802.11n-HT40	5510	39.8	36.32	39.4	36.16	Pass
	5590	39.4	36.32	39.4	36.16	Pass
	5670	39.6	36.32	39.4	36.16	Pass
802.11ac-VHT20	5500	20.3	17.6	20.4	17.6	Pass
	5600	20.3	17.6	20.2	17.6	Pass
	5700	20.3	17.6	20.3	17.6	Pass
802.11ac-VHT40	5510	39.4	36.48	39.6	36.32	Pass
	5590	39.4	36.32	39.4	36.16	Pass
	5670	39.4	36.32	39.2	36.16	Pass
802.11ac-VHT80	5530	83.2	75.52	82.4	75.52	Pass
	5610	82.8	75.52	82.8	75.52	Pass
802.11ax-HE20	5500	21.0	18.9	21.1	19.0	Pass
	5600	20.9	19.0	21.0	19.0	Pass
	5700	21.1	19.0	21.2	19.0	Pass
802.11ax-HE40	5510	40.4	37.92	40.4	38.08	Pass
	5590	39.4	36.32	39.4	36.16	Pass
	5670	40.6	38.08	40.2	38.08	Pass
802.11ax-HE80	5530	83.2	77.44	83.2	77.44	Pass
	5610	83.2	77.44	83.2	77.44	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	16.4	17.2	16.4	17.5	≥500
	5785	16.4	17.10	16.4	17.4	≥500
	5825	16.4	16.90	16.4	18.4	≥500
802.11n-HT20	5745	17.4	18.10	17.7	17.8	≥500
	5785	17.5	18.10	17.7	17.9	≥500
	5825	17.6	17.9	17.6	17.9	≥500
802.11n-HT40	5755	36.6	37.0	36.6	37.6	≥500
	5795	36.6	36.8	36.6	37.8	≥500
802.11ac-VHT20	5745	17.6	18.10	17.5	17.9	≥500
	5785	17.6	18.10	17.7	17.9	≥500
	5825	17.6	17.9	17.6	17.9	≥500
802.11ac-VHT40	5755	36.6	37.2	36.6	37.4	≥500
	5795	36.6	36.8	36.6	37.6	≥500
802.11ac-VHT80	5775	76.4	76.8	76.4	76.8	≥500
802.11ax-HE20	5745	18.7	19.3	19.0	19.1	≥500
	5785	18.9	19.3	18.9	19.2	≥500
	5825	18.9	19.2	19.1	19.3	≥500
802.11ax-HE40	5755	38.0	38.4	38.2	38.6	≥500
	5795	38.2	38.4	38.2	38.8	≥500
802.11ax-HE80	5775	78.0	78.4	78.0	78.0	≥500

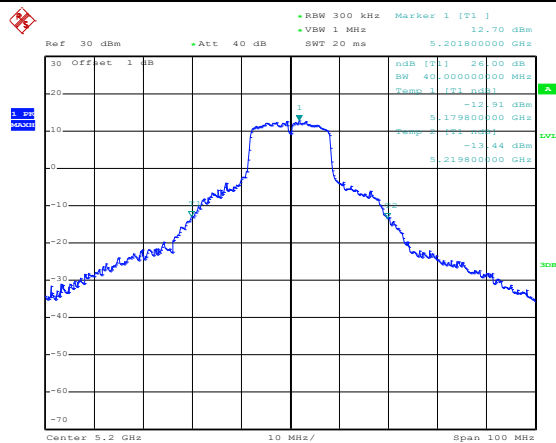
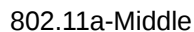
ANT 1

26 dB BandwidthMHz

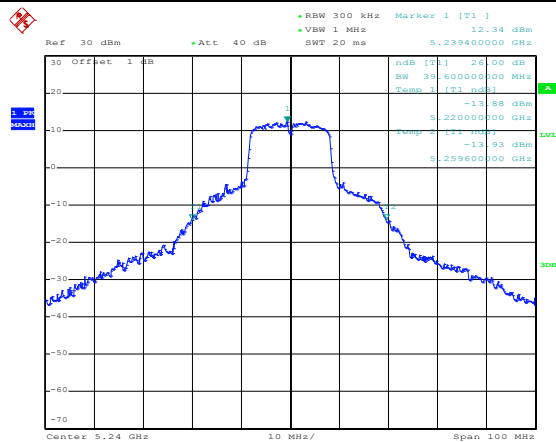
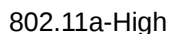
5150-5250MHz



Date: 8.MAR.2024 14:55:59



Date: 8.MAR.2024 14:57:58



Date: 8.MAR.2024 14:58:40

802.11n-HT20-Low

802.11n-HT20-Middle

802.11n-HT20-High

The figure displays three spectral plots, each showing the power spectrum of an 802.11n-HT20 signal. The plots are arranged vertically, corresponding to the 'Low', 'Middle', and 'High' frequency ranges. Each plot includes a title, a graph with a blue trace, and a table of parameters.

Plot 1: 802.11n-HT20-Low

Parameters:

- Ref: 30 dBm
- Att: 40 dB
- RBW: 300 kHz
- VBW: 1 MHz
- Marker 1 [T1]: 11.84 dBm
- SWT: 20 ms
- Center: 5.18 GHz
- Span: 80 MHz

Table:

ndB [T1]	26.00 dB
BW	34.72000000 MHz
Temp 1 [T1]	-14.44 dBm
Temp 2 [T1]	-14.39 dBm
5.163040000 GHz	
5.197760000 GHz	

Plot 2: 802.11n-HT20-Middle

Parameters:

- Ref: 30 dBm
- Att: 40 dB
- RBW: 300 kHz
- VBW: 1 MHz
- Marker 1 [T1]: 12.23 dBm
- SWT: 20 ms
- Center: 5.2 GHz
- Span: 80 MHz

Table:

ndB [T1]	26.00 dB
BW	34.72000000 MHz
Temp 1 [T1]	-13.72 dBm
Temp 2 [T1]	-13.91 dBm
5.182720000 GHz	
5.217440000 GHz	

Plot 3: 802.11n-HT20-High

Parameters:

- Ref: 30 dBm
- Att: 40 dB
- RBW: 300 kHz
- VBW: 1 MHz
- Marker 1 [T1]: 12.01 dBm
- SWT: 20 ms
- Center: 5.24 GHz
- Span: 80 MHz

Table:

ndB [T1]	26.00 dB
BW	34.56000000 MHz
Temp 1 [T1]	-13.45 dBm
Temp 2 [T1]	-14.21 dBm
5.222560000 GHz	
5.257120000 GHz	

802.11n-HT40-Low	Date: 13.MAR.2024 08:54:17
802.11n-HT40-High	Date: 13.MAR.2024 08:55:48
802.11ac-VHT20-Low	Date: 8.MAR.2024 15:01:23

[illegible]

802.11ac-VHT40-High	Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 9.66 dBm VSW 1 MHz SWT 20 ms 5.227440000 GHz ndB [T1] 26.00 dB BW 79.68000000 MHz Temp 1 [T1] ndB -16.69 dBm 5.190320000 GHz -16.58 dBm 5.270000000 GHz Center 5.23 GHz 16 MHz/ Span 160 MHz Date: 13.MAR.2024 08:57:39
802.11ac-VHT80	Ref 30 dBm Att 40 dB RBW 1 MHz Marker 1 [T1] 12.01 dBm VSW 3 MHz SWT 20 ms 5.217700000 GHz ndB [T1] 26.00 dB BW 154.00000000 MHz Temp 1 [T1] ndB -14.07 dBm 5.135800000 GHz -13.67 dBm 5.289800000 GHz Center 5.21 GHz 35 MHz/ Span 350 MHz Date: 13.MAR.2024 09:09:43
802.11ax-HE20-Low	Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 13.67 dBm VSW 1 MHz SWT 20 ms 5.181920000 GHz ndB [T1] 26.00 dB BW 36.32000000 MHz Temp 1 [T1] ndB -12.76 dBm 5.162080000 GHz -12.92 dBm 5.198400000 GHz Center 5.18 GHz 8 MHz/ Span 80 MHz Date: 8.MAR.2024 15:05:11

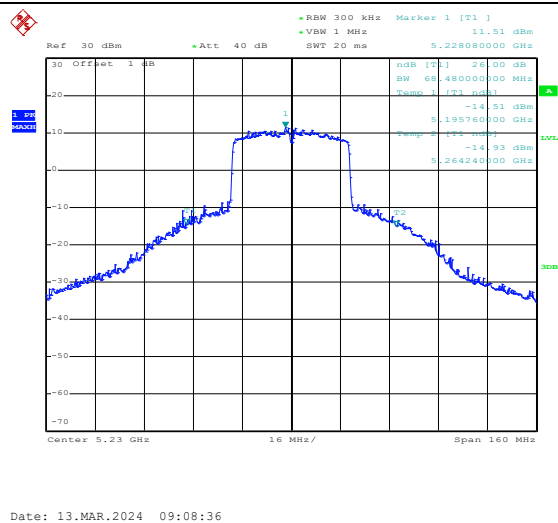
802.11ax-HE20-Middle

Ref: 30 dBm Att: 40 dB VBW: 1 MHz SWT: 20 ms Marker 1 [T1] 13.80 dBm

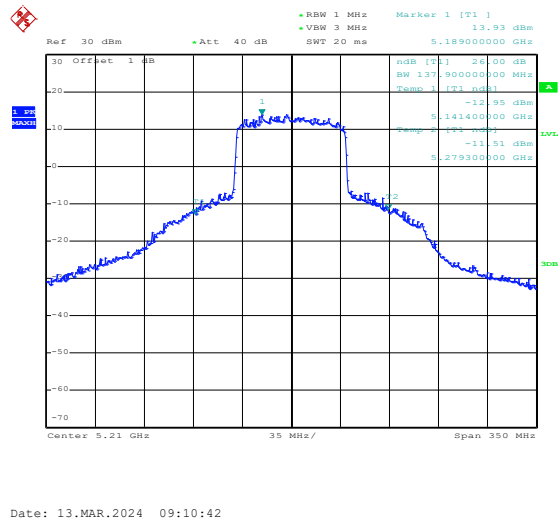
30 Off: 1 dB

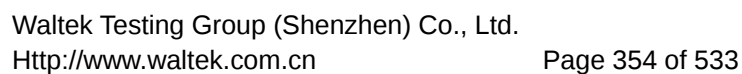
dB [T1] 26.00 dB BW 36.32000000 MHz T1 13.80 dB T2 13.80 dB T3 13.80 dB T4 13.80 dB T5 13.80 dB T6 13.80 dB T7 13.80 dB T8 13.80 dB T9 13.80 dB T10 13.80 dB T11 13.80 dB T12 13.80 dB T13 13.80 dB T14 13.80 dB T15 13.80 dB T16 13.80 dB T17 13.80 dB T18 13.80 dB T19 13.80 dB T20 13.80 dB T21 13.80 dB T22 13.80 dB T23 13.80 dB T24 13.80 dB T25 13.80 dB T26 13.80 dB T27 13.80 dB T28 13.80 dB T29 13.80 dB T30 13.80 dB T31 13.80 dB T32 13.80 dB T33 13.80 dB T34 13.80 dB T35 13.80 dB T36 13.80 dB T37 13.80 dB T38 13.80 dB T39 13.80 dB T40 13.80 dB T41 13.80 dB T42 13.80 dB T43 13.80 dB T44 13.80 dB T45 13.80 dB T46 13.80 dB T47 13.80 dB T48 13.80 dB T49 13.80 dB T50 13.80 dB T51 13.80 dB T52 13.80 dB T53 13.80 dB T54 13.80 dB T55 13.80 dB T56 13.80 dB T57 13.80 dB T58 13.80 dB T59 13.80 dB T60 13.80 dB T61 13.80 dB T62 13.80 dB T63 13.80 dB T64 13.80 dB T65 13.80 dB T66 13.80 dB T67 13.80 dB T68 13.80 dB T69 13.80 dB T70 13.80 dB T71 13.80 dB T72 13.80 dB T73 13.80 dB T74 13.80 dB T75 13.80 dB T76 13.80 dB T77 13.80 dB T78 13.80 dB T79 13.80 dB T80 13.80 dB T81 13.80 dB T82 13.80 dB T83 13.80 dB T84 13.80 dB T85 13.80 dB T86 13.80 dB T87 13.80 dB T88 13.80 dB T89 13.80 dB T90 13.80 dB T91 13.80 dB T92 13.80 dB T93 13.80 dB T94 13.80 dB T95 13.80 dB T96 13.80 dB T97 13.80 dB T98 13.80 dB T99 13.80 dB T100 13.80 dB T101 13.80 dB T102 13.80 dB T103 13.80 dB T104 13.80 dB T105 13.80 dB T106 13.80 dB T107 13.80 dB T108 13.80 dB T109 13.80 dB T110 13.80 dB T111 13.80 dB T112 13.80 dB T113 13.80 dB T114 13.80 dB T115 13.80 dB T116 13.80 dB T117 13.80 dB T118 13.80 dB T119 13.80 dB T120 13.80 dB T121 13.80 dB T122 13.80 dB T123 13.80 dB T124 13.80 dB T125 13.80 dB T126 13.80 dB T127 13.80 dB T128 13.80 dB T129 13.80 dB T130 13.80 dB T131 13.80 dB T132 13.80 dB T133 13.80 dB T134 13.80 dB T135 13.80 dB T136 13.80 dB T137 13.80 dB T138 13.80 dB T139 13.80 dB T140 13.80 dB T141 13.80 dB T142 13.80 dB T143 13.80 dB T144 13.80 dB T145 13.80 dB T146 13.80 dB T147 13.80 dB T148 13.80 dB T149 13.80 dB T150 13.80 dB T151 13.80 dB T152 13.80 dB T153 13.80 dB T154 13.80 dB T155 13.80 dB T156 13.80 dB T157 13.80 dB T158 13.80 dB T159 13.80 dB T160 13.80 dB T161 13.80 dB T162 13.80 dB T163 13.80 dB T164 13.80 dB T165 13.80 dB T166 13.80 dB T167 13.80 dB T168 13.80 dB T169 13.80 dB T170 13.80 dB T171 13.80 dB T172 13.80 dB T173 13.80 dB T174 13.80 dB T175 13.80 dB T176 13.80 dB T177 13.80 dB T178 13.80 dB T179 13.80 dB T180 13.80 dB T181 13.80 dB T182 13.80 dB T183 13.80 dB T184 13.80 dB T185 13.80 dB T186 13.80 dB T187 13.80 dB T188 13.80 dB T189 13.80 dB T190 13.80 dB T191 13.80 dB T192 13.80 dB T193 13.80 dB T194 13.80 dB T195 13.80 dB T196 13.80 dB T197 13.80 dB T198 13.80 dB T199 13.80 dB T200 13.80 dB T201 13.80 dB T202 13.80 dB T203 13.80 dB T204 13.80 dB T205 13.80 dB T206 13.80 dB T207 13.80 dB T208 13.80 dB T209 13.80 dB T210 13.80 dB T211 13.80 dB T212 13.80 dB T213 13.80 dB T214 13.80 dB T215 13.80 dB T216 13.80 dB T217 13.80 dB T218 13.80 dB T219 13.80 dB T220 13.80 dB T221 13.80 dB T222 13.80 dB T223 13.80 dB T224 13.80 dB T225 13.80 dB T226 13.80 dB T227 13.80 dB T228 13.80 dB T229 13.80 dB T230 13.80 dB T231 13.80 dB T232 13.80 dB T233 13.80 dB T234 13.80 dB T235 13.80 dB T236 13.80 dB T237 13.80 dB T238 13.80 dB T239 13.80 dB T240 13.80 dB T241 13.80 dB T242 13.80 dB T243 13.80 dB T244 13.80 dB T245 13.80 dB T246 13.80 dB T247 13.80 dB T248 13.80 dB T249 13.80 dB T250 13.80 dB T251 13.80 dB T252 13.80 dB T253 13.80 dB T254 13.80 dB T255 13.80 dB T256 13.80 dB T257 13.80 dB T258 13.80 dB T259 13.80 dB T260 13.80 dB T261 13.80 dB T262 13.80 dB T263 13.80 dB T264 13.80 dB T265 13.80 dB T266 13.80 dB T267 13.80 dB T268 13.80 dB T269 13.80 dB T270 13.80 dB T271 13.80 dB T272 13.80 dB T273 13.80 dB T274 13.80 dB T275 13.80 dB T276 13.80 dB T277 13.80 dB T278 13.80 dB T279 13.80 dB T280 13.80 dB T281 13.80 dB T282 13.80 dB T283 13.80 dB T284 13.80 dB T285 13.80 dB T286 13.80 dB T287 13.80 dB T288 13.80 dB T289 13.80 dB T290 13.80 dB T291 13.80 dB T292 13.80 dB T293 13.80 dB T294 13.80 dB T295 13.80 dB T296 13.80 dB T297 13.80 dB T298 13.80 dB T299 13.80 dB T300 13.80 dB T301 13.80 dB T302 13.80 dB T303 13.80 dB T304 13.80 dB T305 13.80 dB T306 13.80 dB T307 13.80 dB T308 13.80 dB T309 13.80 dB T310 13.80 dB T311 13.80 dB T312 13.80 dB T313 13.80 dB T314 13.80 dB T315 13.80 dB T316 13.80 dB T317 13.80 dB T318 13.80 dB T319 13.80 dB T320 13.80 dB T321 13.80 dB T322 13.80 dB T323 13.80 dB T324 13.80 dB T325 13.80 dB T326 13.80 dB T327 13.80 dB T328 13.80 dB T329 13.80 dB T330 13.80 dB T331 13.80 dB T332 13.80 dB T333 13.80 dB T334 13.80 dB T335 13.80 dB T336 13.80 dB T337 13.80 dB T338 13.80 dB T339 13.80 dB T340 13.80 dB T341 13.80 dB T342 13.80 dB T343 13.80 dB T344 13.80 dB T345 13.80 dB T346 13.80 dB T347 13.80 dB T348 13.80 dB T349 13.80 dB T350 13.80 dB T351 13.80 dB T352 13.80 dB T353 13.80 dB T354 13.80 dB T355 13.80 dB T356 13.80 dB T357 13.80 dB T358 13.80 dB T359 13.80 dB T360 13.80 dB T361 13.80 dB T36

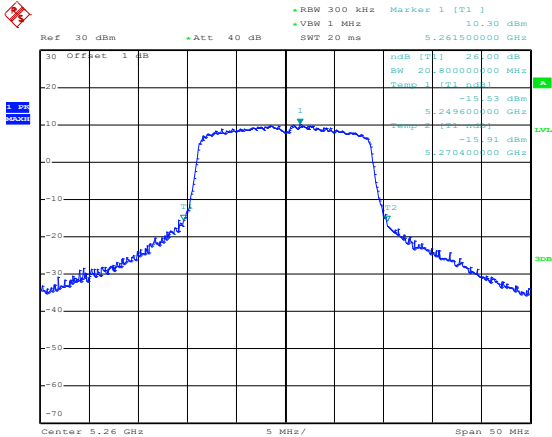
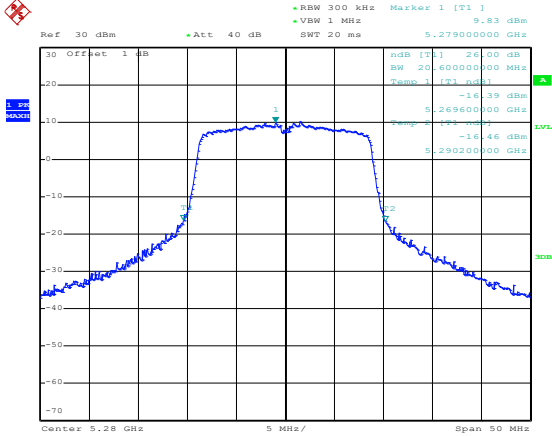
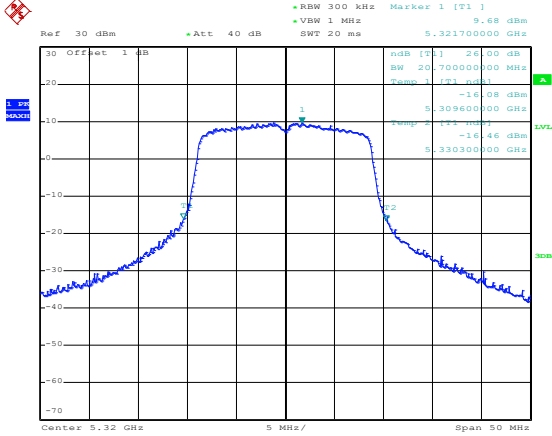
802.11ax-HE40-High



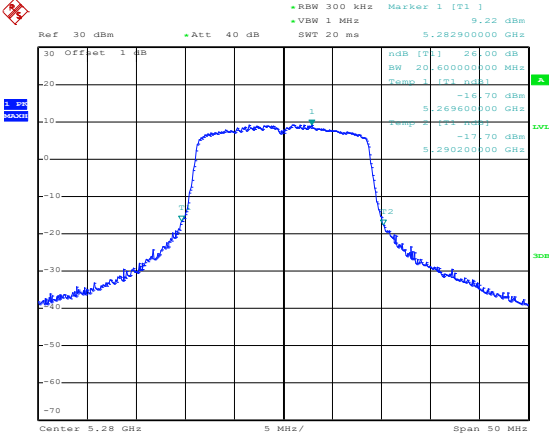
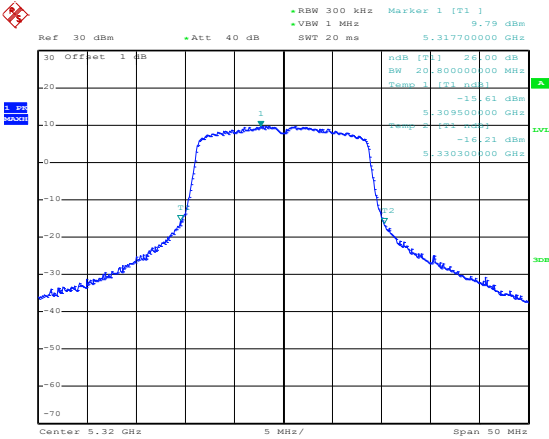
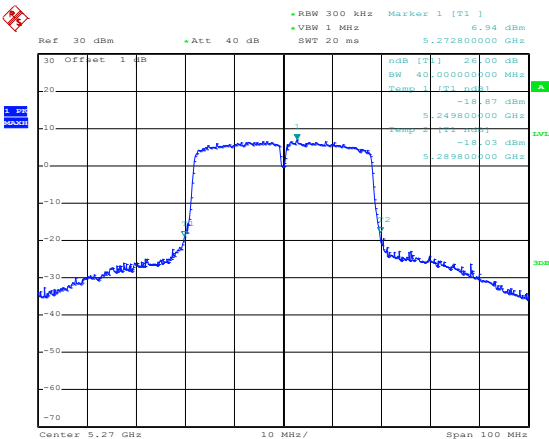
802.11ax-HE80

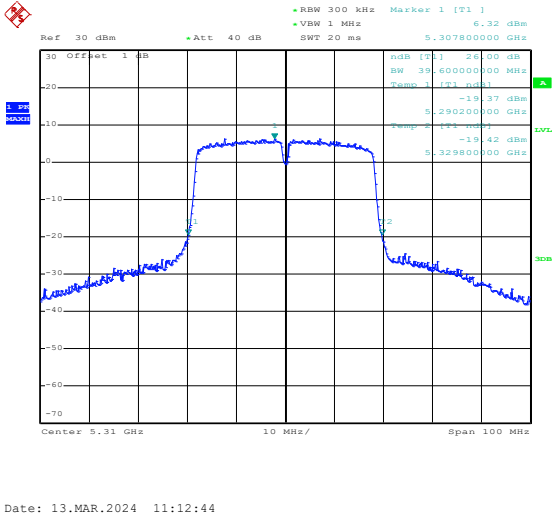
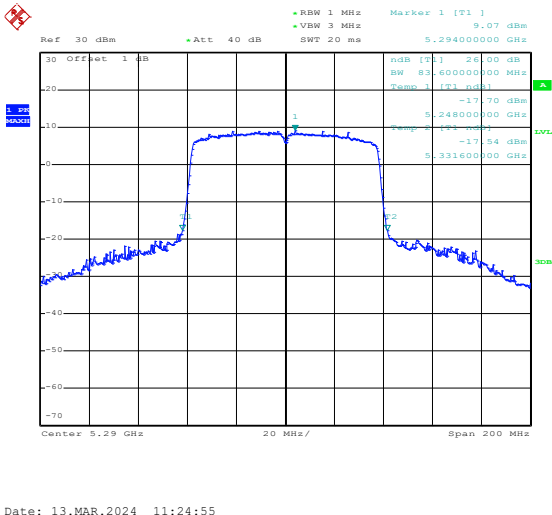
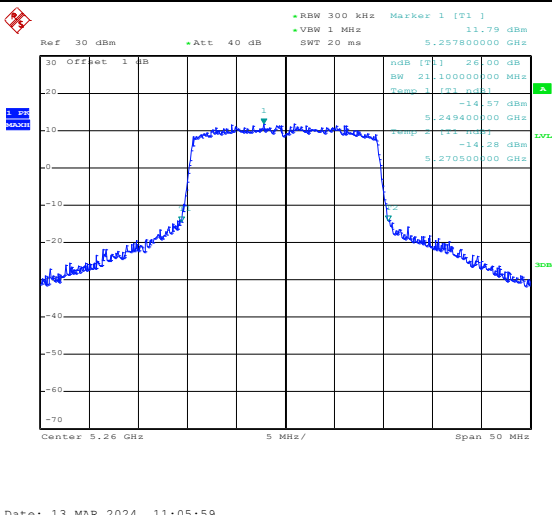




802.11n-HT20-Low	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 10.30 dBm VSW 1 MHz SWT 20 ms 5.261500000 GHz Offset 1 dB 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:57:24
802.11n-HT20-Middle	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 9.83 dBm VSW 1 MHz SWT 20 ms 5.279000000 GHz Offset 1 dB 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Center 5.28 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:56:30
802.11n-HT20-High	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] 9.68 dBm VSW 1 MHz SWT 20 ms 5.321700000 GHz Offset 1 dB 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Center 5.32 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:55:54

[illegible]

802.11ac-VHT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.22 dBm •VSW 1 MHz SWT 20 ms 5.282900000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 20.600000000 MHz Temp 1 [T1] n dB -16.70 dBm 5.269600000 GHz -17.70 dBm 5.290300000 GHz Center 5.28 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:58:50
802.11ac-VHT20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.79 dBm •VSW 1 MHz SWT 20 ms 5.317700000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 20.800000000 MHz Temp 1 [T1] n dB -15.61 dBm 5.309500000 GHz -16.21 dBm 5.330300000 GHz Center 5.32 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 11:03:17
802.11ac-VHT40-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 6.94 dBm •VSW 1 MHz SWT 20 ms 5.272800000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 40.000000000 MHz Temp 1 [T1] n dB -16.87 dBm 5.249800000 GHz -18.03 dBm 5.289800000 GHz Center 5.27 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 11:14:38

802.11ac-VHT40-High	 Date: 13.MAR.2024 11:12:44
802.11ac-VHT80	 Date: 13.MAR.2024 11:24:55
802.11ax-HE20-Low	 Date: 13.MAR.2024 11:05:59

802.11ax-HE20-Middle

Ref 30 dBm Att 40 dB RBW 300 kHz VBW 1 MHz SWT 20 ms Marker 1 [71.1] 12.25 dBm

Offset 1 dB

Center 5.28 GHz 5 MHz/ Span 50 MHz

802.11ax-HE20-High

Ref 30 dBm Att 40 dB RBW 300 kHz VBW 1 MHz SWT 20 ms Marker 1 [71.1] 11.70 dBm

Offset 1 dB

Center 5.32 GHz 5 MHz/ Span 50 MHz

802.11ax-HE40-Low

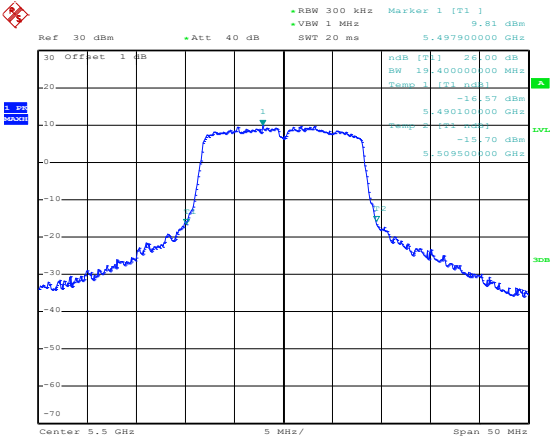
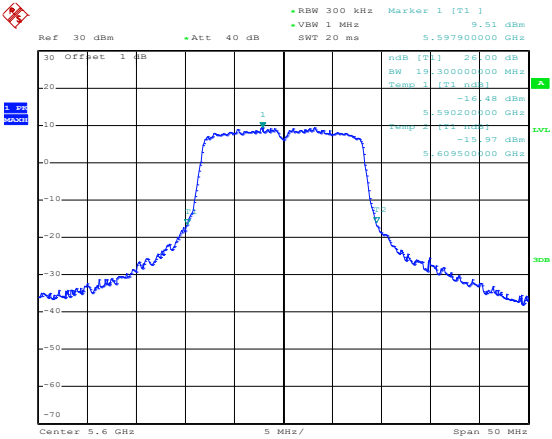
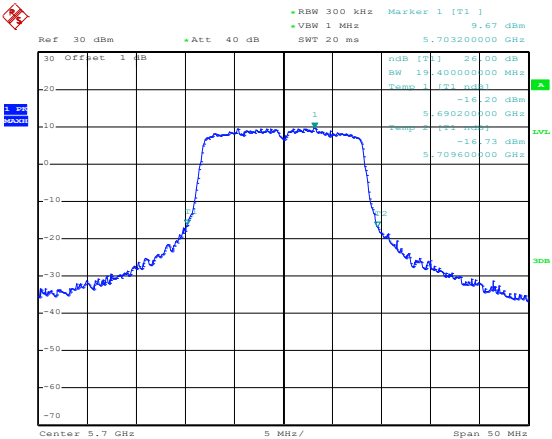
Ref 30 dBm Att 40 dB RBW 300 kHz VBW 1 MHz SWT 20 ms Marker 1 [71.1] 8.67 dBm

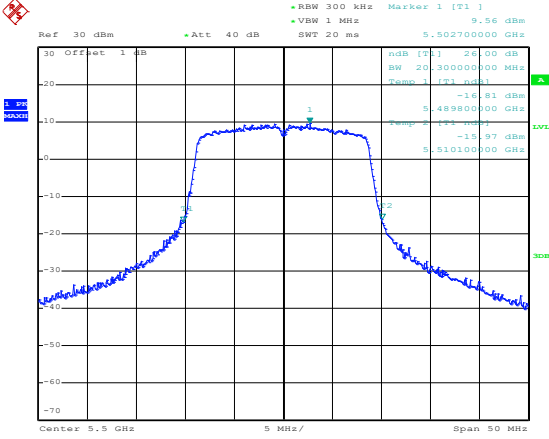
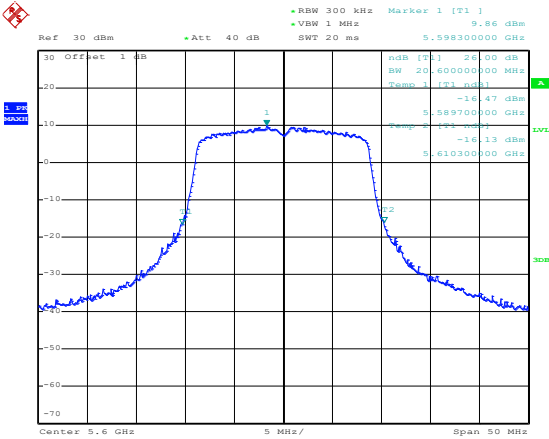
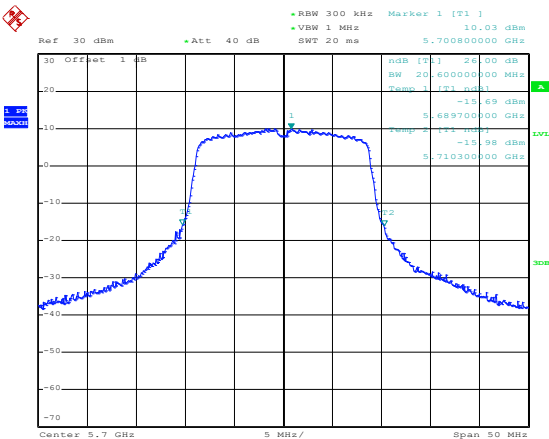
Offset 1 dB

Center 5.27 GHz 10 MHz/ Span 100 MHz

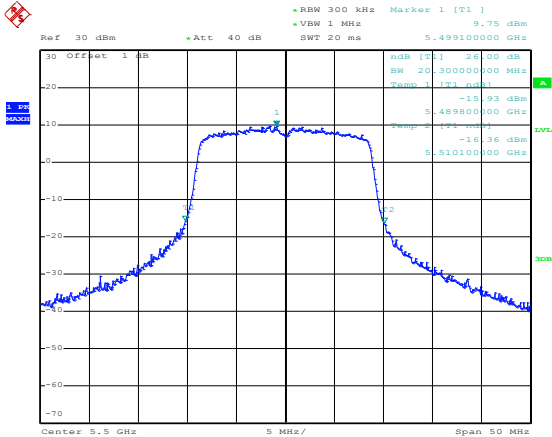
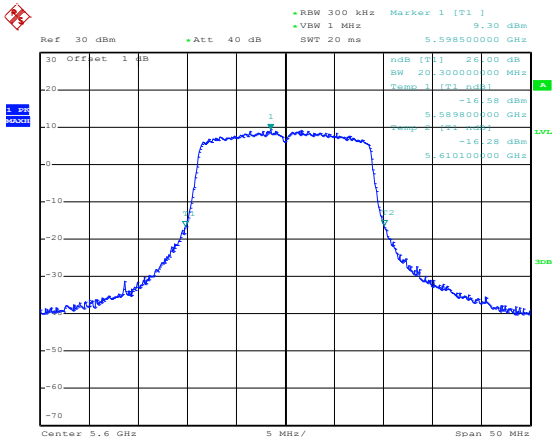
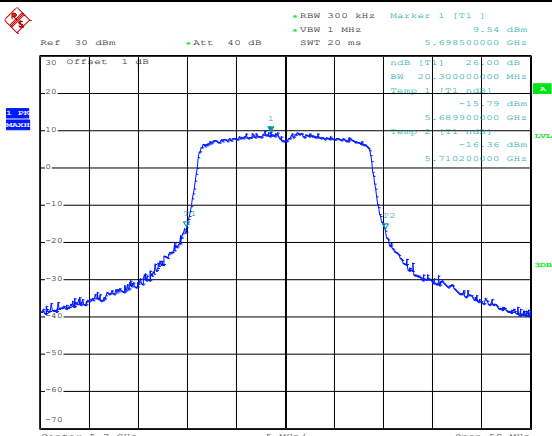
802.11ax-HE40-High	Date: 13.MAR.2024 11:17:34
802.11ax-HE80	Date: 13.MAR.2024 11:23:35

26 dB BandwidthMHz
5470-5725MHz

802.11a-Low	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] 9.51 dBm •VBW 1 MHz SWT 20 ms 5.497900000 GHz 30 Offset 1 dB ndB [T1] 26.00 dB BW 19.400000000 MHz Temp 1 [T1] 0 dB -16.57 dBm 5.490100000 GHz -15.70 dBm 5.509500000 GHz Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:37:56
802.11a-Middle	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] 9.51 dBm •VBW 1 MHz SWT 20 ms 5.597900000 GHz 30 Offset 1 dB ndB [T1] 26.00 dB BW 19.300000000 MHz Temp 1 [T1] 0 dB -16.48 dBm 5.590200000 GHz -15.97 dBm 5.609500000 GHz Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:38:41
802.11a-High	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] 9.67 dBm •VBW 1 MHz SWT 20 ms 5.703200000 GHz 30 Offset 1 dB ndB [T1] 26.00 dB BW 19.400000000 MHz Temp 1 [T1] 0 dB -16.20 dBm 5.690200000 GHz -16.73 dBm 5.709600000 GHz Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:39:16

802.11n-HT20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.56 dBm •VSW 1 MHz SWT 20 ms 5.502700000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 20.300000000 MHz Temp 1 [T1] n dB -16.81 dBm 5.489800000 GHz -15.97 dBm 5.510300000 GHz Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:42:50
802.11n-HT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.86 dBm •VSW 1 MHz SWT 20 ms 5.598300000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 20.600000000 MHz Temp 1 [T1] n dB -16.47 dBm 5.589700000 GHz -16.13 dBm 5.610300000 GHz Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:42:26
802.11n-HT20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 10.03 dBm •VSW 1 MHz SWT 20 ms 5.700800000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 20.600000000 MHz Temp 1 [T1] n dB -15.69 dBm 5.689700000 GHz -15.98 dBm 5.710300000 GHz Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:40:50

[illegible]

802.11ac-VHT20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.75 dBm •VSW 1 MHz SWR 20 ms 5.499100000 GHz ndB [T1] 26.00 dB BW 20.300000000 MHz Temp 1 [T1] ndB -15.93 dBm 5.489800000 GHz -16.36 dBm 5.510100000 GHz Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:43:10
802.11ac-VHT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.30 dBm •VSW 1 MHz SWR 20 ms 5.598500000 GHz ndB [T1] 26.00 dB BW 20.300000000 MHz Temp 1 [T1] ndB -16.58 dBm 5.589800000 GHz -16.28 dBm 5.610100000 GHz Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:43:35
802.11ac-VHT20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.54 dBm •VSW 1 MHz SWR 20 ms 5.698500000 GHz ndB [T1] 26.00 dB BW 20.300000000 MHz Temp 1 [T1] ndB -15.79 dBm 5.689800000 GHz -16.36 dBm 5.710200000 GHz Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:43:59

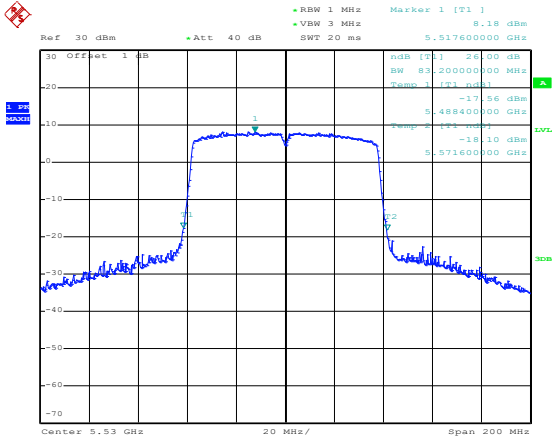
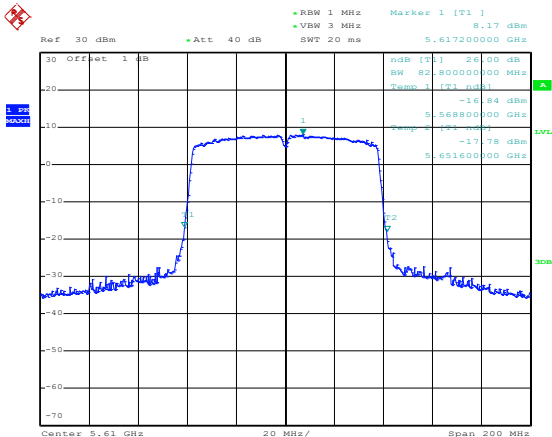
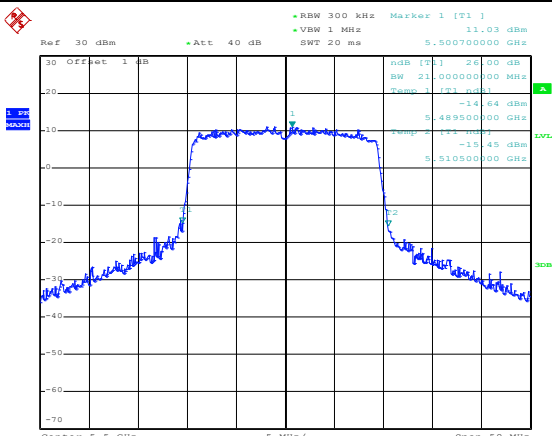
802.11ac-VHT40-Low

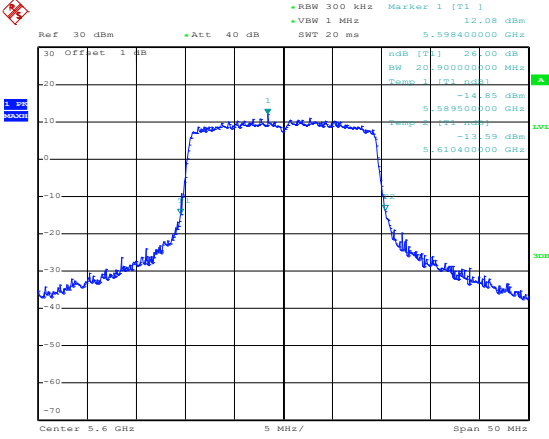
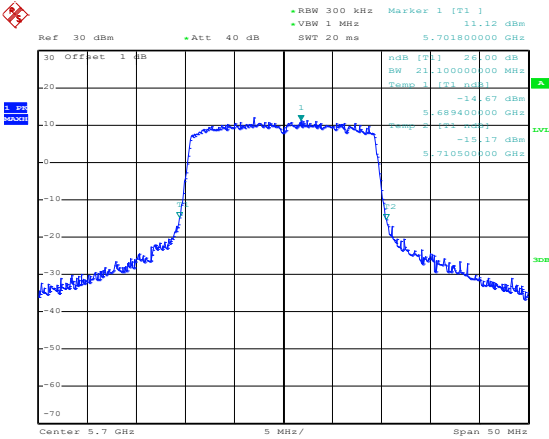
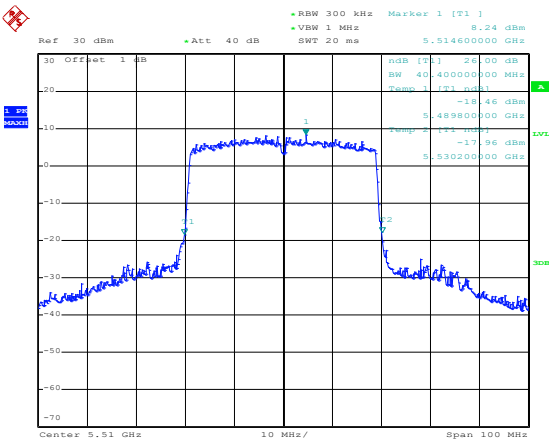
802.11ac-VHT40-Middle

802.11ac-VHT40-High

The figure consists of three vertically stacked spectral plots, each representing an 802.11ac VHT40 channel. Each plot has a y-axis labeled 'dBm' ranging from -70 to 30 and an x-axis labeled 'MHz' ranging from 5.50 to 5.70. The plots show a signal spectrum with a peak at the center frequency, surrounded by noise floor and side lobes. The plots are labeled with their respective center frequencies: 5.51 GHz, 5.59 GHz, and 5.67 GHz. The plots are also labeled with their respective channel bandwidths: 40 MHz, 40 MHz, and 40 MHz. The plots are also labeled with their respective channel numbers: 1, 2, and 3. The plots are also labeled with their respective channel names: 802.11ac-VHT40-Low, 802.11ac-VHT40-Middle, and 802.11ac-VHT40-High. The plots are also labeled with their respective dates and times: 13.MAR.2024 15:49:21, 13.MAR.2024 15:46:28, and 13.MAR.2024 15:47:20.

Channel	Center Frequency (GHz)	Bandwidth (MHz)	Channel Number	Channel Name	Date/Time
802.11ac-VHT40-Low	5.51	40	1	802.11ac-VHT40-Low	13.MAR.2024 15:49:21
802.11ac-VHT40-Middle	5.59	40	2	802.11ac-VHT40-Middle	13.MAR.2024 15:46:28
802.11ac-VHT40-High	5.67	40	3	802.11ac-VHT40-High	13.MAR.2024 15:47:20

802.11ac-VHT80-Low	 Ref 30 dBm Att 40 dB SWR 20 ms Marker 1 [T1] 5.517600000 GHz dB [T1] 26.00 dB SW 83.200000000 MHz Temp 1 [T1] 100.00 1 -17.56 dBm 5.488400000 GHz 2 -18.10 dBm 5.571600000 GHz Center 5.53 GHz 20 MHz/ Span 200 MHz Date: 13.MAR.2024 15:51:45
802.11ac-VHT80-High	 Ref 30 dBm Att 40 dB SWR 20 ms Marker 1 [T1] 5.617200000 GHz dB [T1] 26.00 dB SW 82.800000000 MHz Temp 1 [T1] 100.00 1 -16.84 dBm 5.568800000 GHz 2 -17.78 dBm 5.651600000 GHz Center 5.61 GHz 20 MHz/ Span 200 MHz Date: 13.MAR.2024 15:52:12
802.11ax-HE20-Low	 Ref 30 dBm Att 40 dB SWR 20 ms Marker 1 [T1] 5.500700000 GHz dB [T1] 26.00 dB SW 21.000000000 MHz Temp 1 [T1] 100.00 1 -14.64 dBm 5.489500000 GHz 2 -15.45 dBm 5.510500000 GHz Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:45:11

802.11ax-HE20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 12.08 dBm •VSW 1 MHz SWT 20 ms 5.598400000 GHz ndB [T1] 26.00 dB BW 20.900000000 MHz Temp 1 [T1] ndB -14.85 dBm 5.589500000 GHz -13.59 dBm 5.610400000 GHz Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:44:47
802.11ax-HE20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 11.12 dBm •VSW 1 MHz SWT 20 ms 5.701800000 GHz ndB [T1] 26.00 dB BW 21.100000000 MHz Temp 1 [T1] ndB -14.67 dBm 5.689400000 GHz -15.17 dBm 5.710500000 GHz Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:44:22
802.11ax-HE40-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 8.24 dBm •VSW 1 MHz SWT 20 ms 5.514600000 GHz ndB [T1] 26.00 dB BW 40.400000000 MHz Temp 1 [T1] ndB -16.46 dBm 5.489800000 GHz -17.96 dBm 5.530200000 GHz Center 5.51 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 15:49:48

802.11ax-HE40-Middle

Ref: 30 dBm Att: 40 dB RBW 300 kHz Marker 1 [T1] 5.93 dBm
VBW 1 MHz SWT 20 ms 5.593800000 GHz

30 Offset 1 dB
ndB [T1] 26.00 dB
BW 39.40000000 MHz
Freq 1 [T1] 5.593800000 GHz
-20.27 dBm
5.576200000 GHz
Freq 2 [T2] 5.609600000 GHz
-19.37 dBm

Center 5.59 GHz 10 MHz/ Span 100 MHz

Date: 13.MAR.2024 15:46:28

802.11ax-HE40-High

Ref: 30 dBm Att: 40 dB RBW 300 kHz Marker 1 [T1] 7.10 dBm
VBW 1 MHz SWT 20 ms 5.674000000 GHz

30 Offset 1 dB
ndB [T1] 26.00 dB
BW 40.60000000 MHz
Freq 1 [T1] 5.649800000 GHz
-20.29 dBm
5.649800000 GHz
Freq 2 [T2] 5.690400000 GHz
-20.49 dBm

Center 5.67 GHz 10 MHz/ Span 100 MHz

Date: 13.MAR.2024 15:50:53

802.11ax-HE80-Low

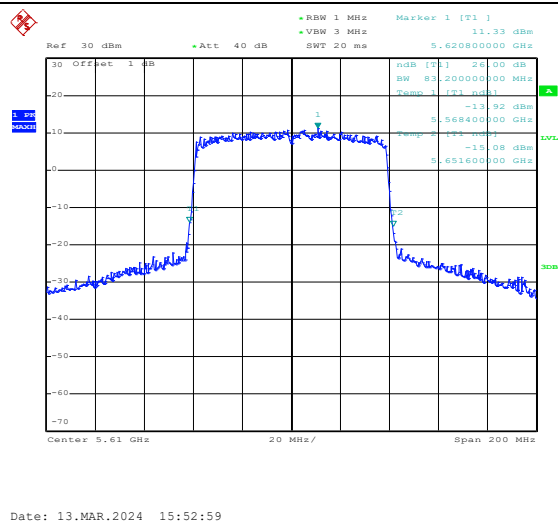
Ref: 30 dBm Att: 40 dB RBW 1 MHz Marker 1 [T1] 11.23 dBm
VBW 3 MHz SWT 20 ms 5.526000000 GHz

30 Offset 1 dB
ndB [T1] 26.00 dB
BW 83.20000000 MHz
Freq 1 [T1] 5.488400000 GHz
-14.00 dBm
5.488400000 GHz
Freq 2 [T2] 5.571600000 GHz
-13.05 dBm

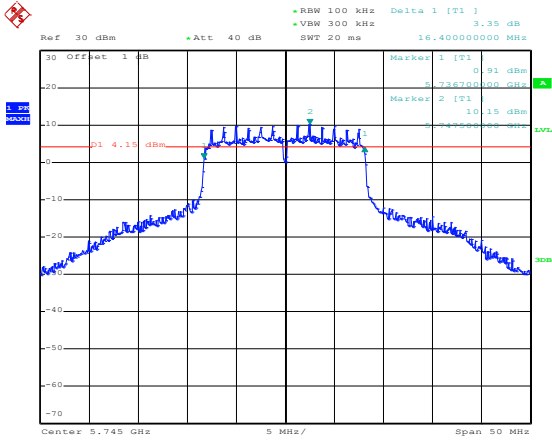
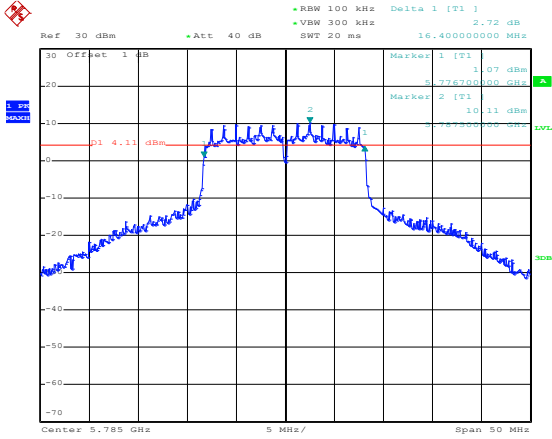
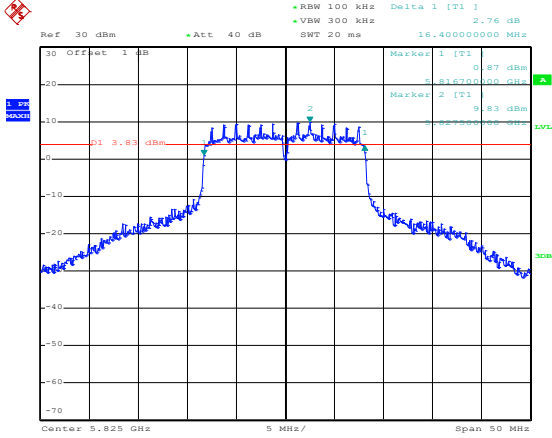
Center 5.53 GHz 20 MHz/ Span 200 MHz

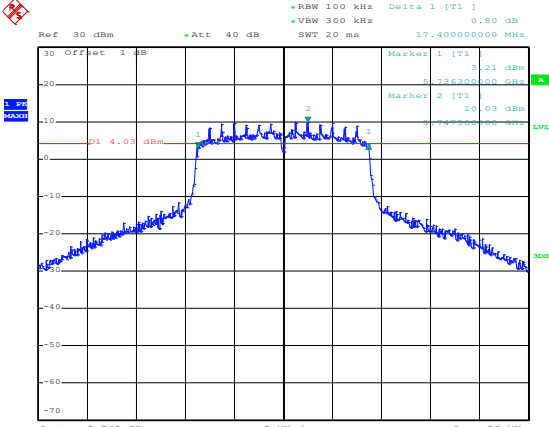
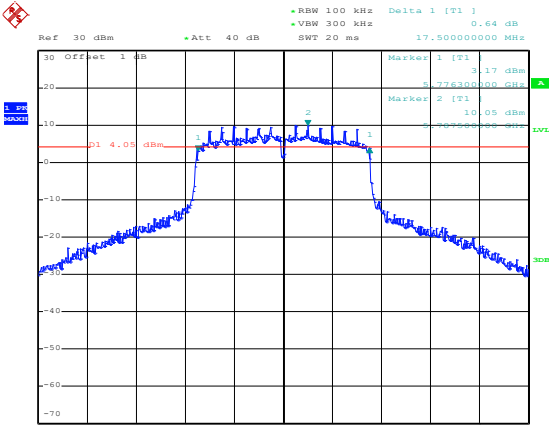
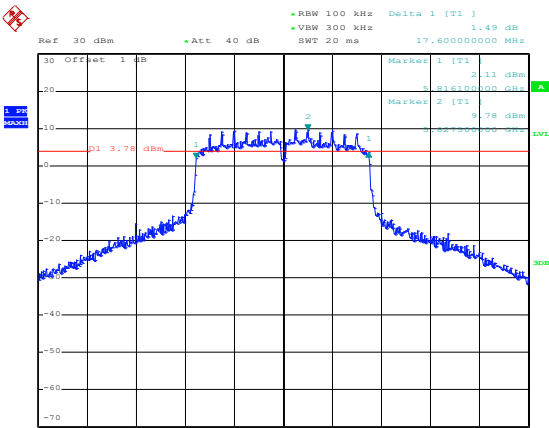
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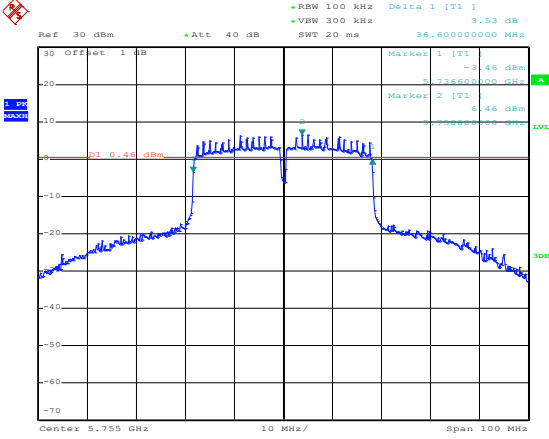
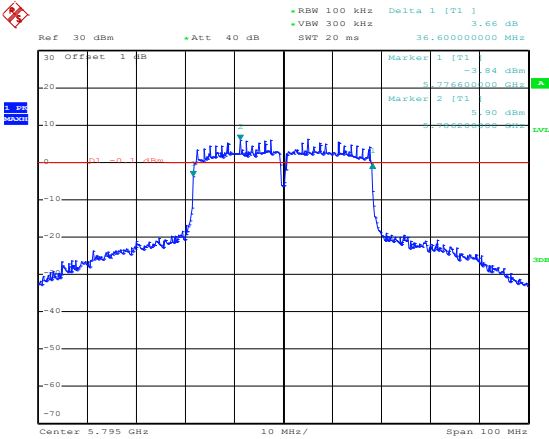
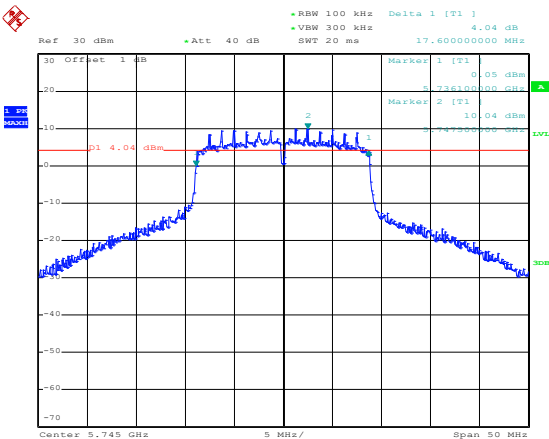
802.11ax-HE80-High

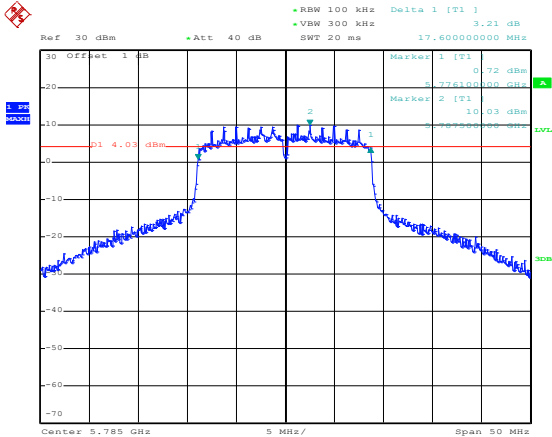
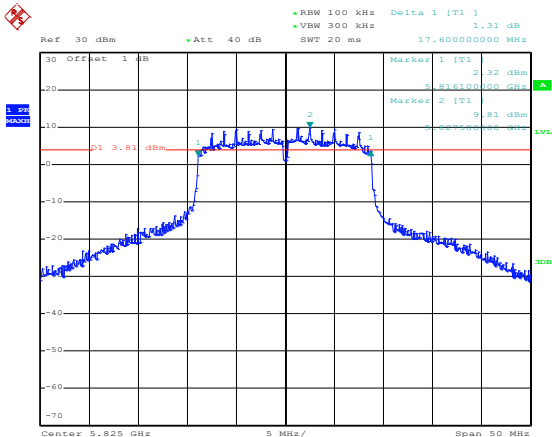
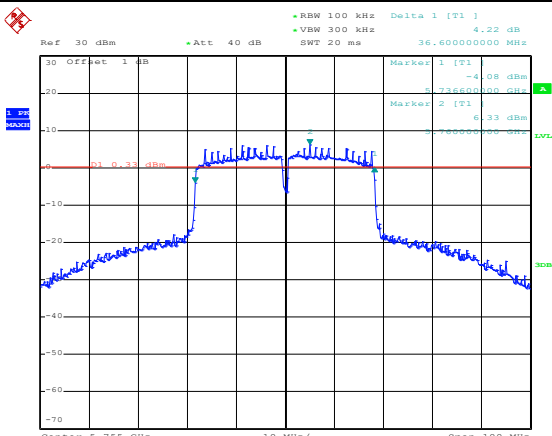


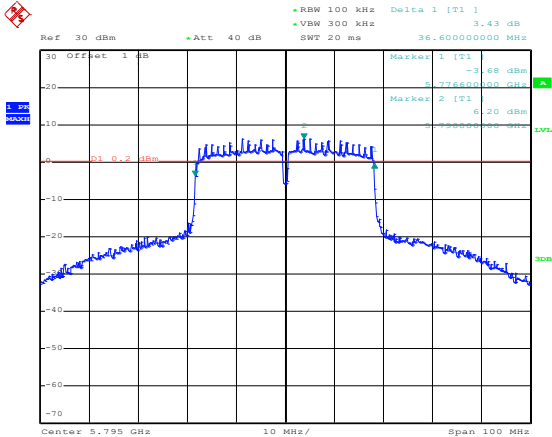
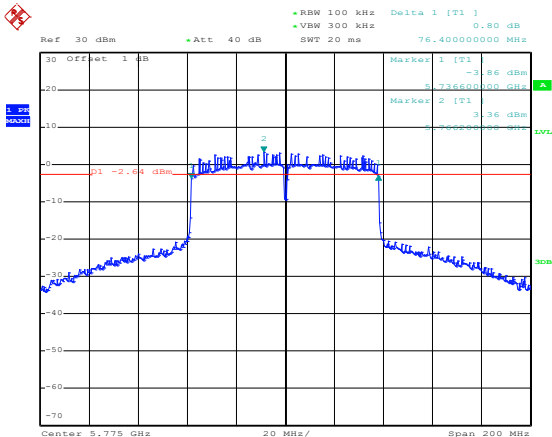
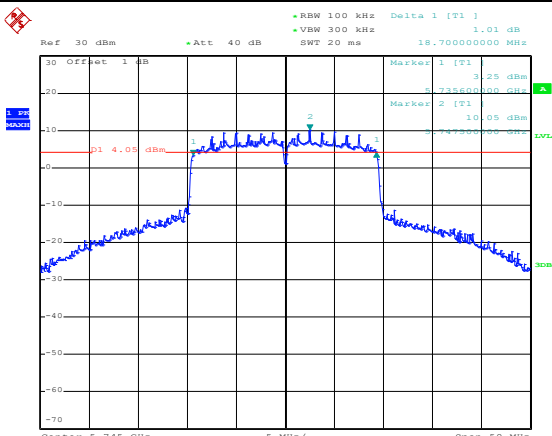
6 dB BandwidthMHz
5725-5850MHz

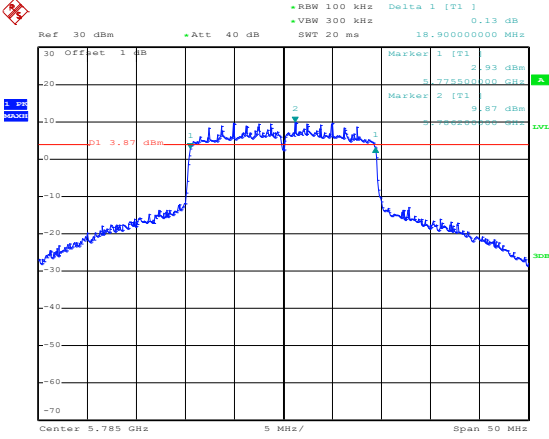
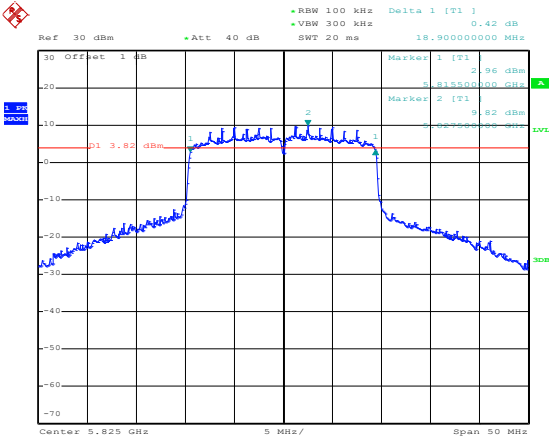
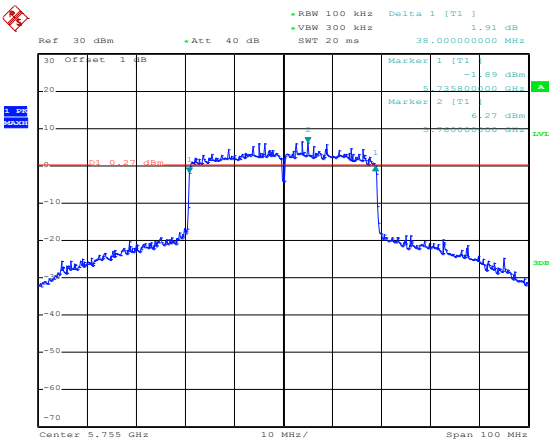
802.11a-Low	 Date: 13.MAR.2024 17:16:09
802.11a-Middle	 Date: 13.MAR.2024 17:17:56
802.11a-High	 Date: 13.MAR.2024 17:20:25

802.11n-HT20-Low	 Ref 30 dBm +Att 40 dB RBW 100 kHz Delta 1 [T1] 0.80 dB VSW 300 kHz SWT 20 ms 17.400000000 MHz Marker 1 [T1] 3.21 dBm 5.736300000 GHz Marker 2 [T1] -101.03 dBm 5.745000000 GHz Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 17:26:52
802.11n-HT20-Middle	 Ref 30 dBm +Att 40 dB RBW 100 kHz Delta 1 [T1] 0.64 dB VSW 300 kHz SWT 20 ms 17.500000000 MHz Marker 1 [T1] 3.17 dBm 5.776300000 GHz Marker 2 [T1] -101.05 dBm 5.785000000 GHz Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 17:23:32
802.11n-HT20-High	 Ref 30 dBm +Att 40 dB RBW 100 kHz Delta 1 [T1] 1.49 dB VSW 300 kHz SWT 20 ms 17.600000000 MHz Marker 1 [T1] 2.11 dBm 5.816000000 GHz Marker 2 [T1] -97.78 dBm 5.825000000 GHz Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 17:21:57

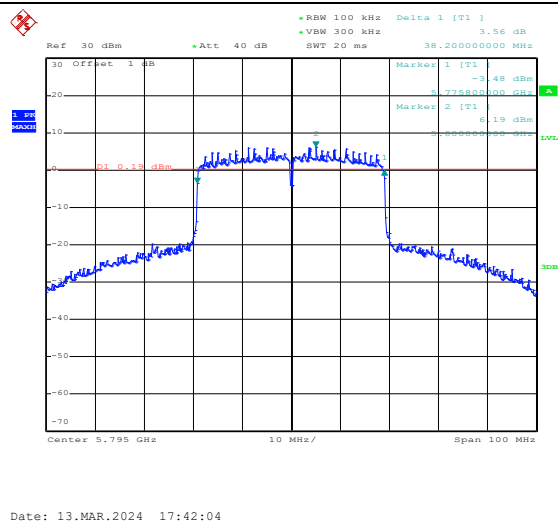
802.11n-HT40-Low	 Ref 30 dBm •Att 40 dB •RBW 100 kHz Delta 1 [T1] 3.53 dB •VSW 300 kHz SWT 20 ms 36.60000000 MHz Marker 1 [T1] -3.46 dBm Marker 2 [T1] -10.00 dBm Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 17:35:33
802.11n-HT40-High	 Ref 30 dBm •Att 40 dB •RBW 100 kHz Delta 1 [T1] 3.66 dB •VSW 300 kHz SWT 20 ms 36.60000000 MHz Marker 1 [T1] -3.84 dBm Marker 2 [T1] -10.00 dBm Center 5.795 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 17:36:47
802.11ac-VHT20-Low	 Ref 30 dBm •Att 40 dB •RBW 100 kHz Delta 1 [T1] 4.04 dB •VSW 300 kHz SWT 20 ms 17.60000000 MHz Marker 1 [T1] 0.05 dBm Marker 2 [T1] -10.04 dBm Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 17:28:08

802.11ac-VHT20-Middle	 Date: 13.MAR.2024 17:29:32
802.11ac-VHT20-High	 Date: 13.MAR.2024 17:30:39
802.11ac-VHT40-Low	 Date: 13.MAR.2024 17:39:50

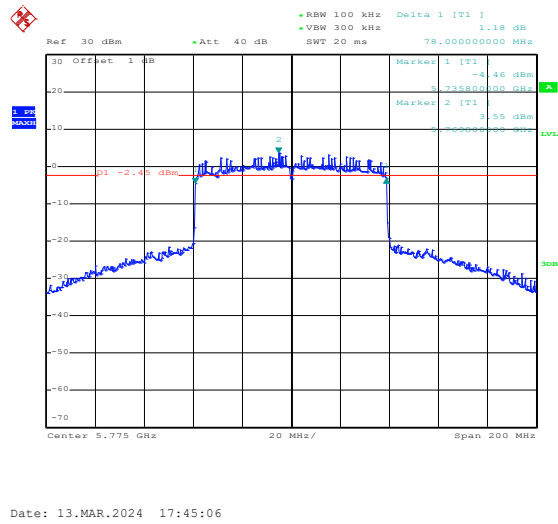
802.11ac-VHT40-High	 Date: 13.MAR.2024 17:38:45
802.11ac-VHT80	 Date: 13.MAR.2024 17:43:50
802.11ax-HE20-Low	 Date: 13.MAR.2024 17:33:19

802.11ax-HE20-Middle	 Ref 30 dBm • Att 40 dB • RBW 100 kHz • VSW 300 kHz • Delta 1 [T1] 0.13 dB • SWT 20 ms 18.900000000 MHz Marker 1 [T1] 2.93 dBm 5.775000000 GHz Marker 2 [T1] 9.87 dBm 5.785000000 GHz Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 17:32:28
802.11ax-HE20-High	 Ref 30 dBm • Att 40 dB • RBW 100 kHz • VSW 300 kHz • Delta 1 [T1] 0.42 dB • SWT 20 ms 18.900000000 MHz Marker 1 [T1] 2.96 dBm 5.815000000 GHz Marker 2 [T1] 9.82 dBm 5.825000000 GHz Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 17:31:34
802.11ax-HE40-Low	 Ref 30 dBm • Att 40 dB • RBW 100 kHz • VSW 300 kHz • Delta 1 [T1] 1.91 dB • SWT 20 ms 38.000000000 MHz Marker 1 [T1] -1.89 dBm 5.735000000 GHz Marker 2 [T1] 6.27 dBm 5.755000000 GHz Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 17:40:44

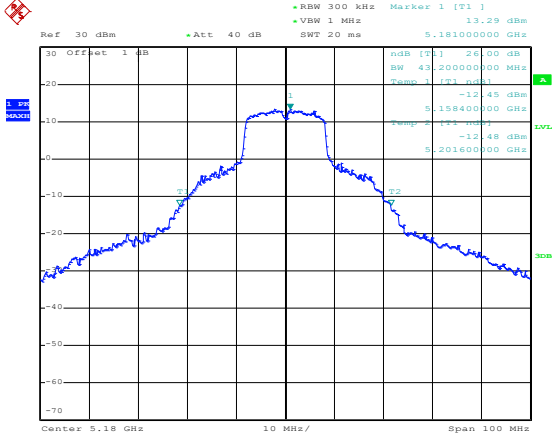
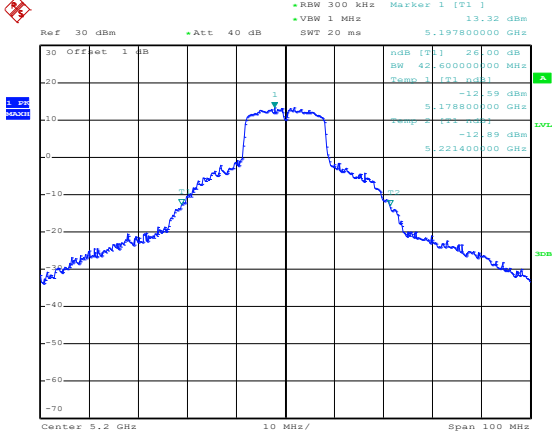
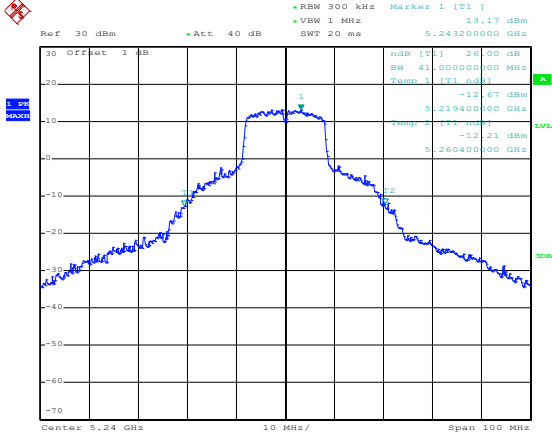
802.11ax-HE40-High

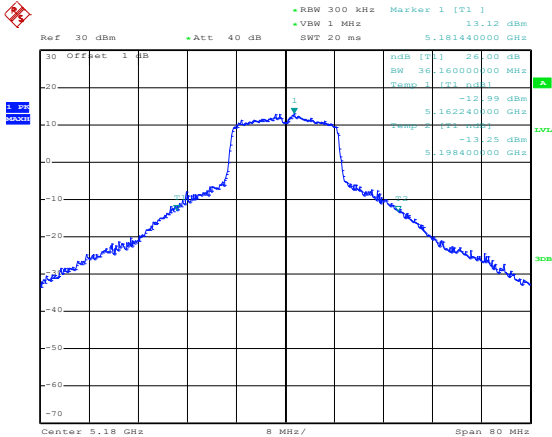
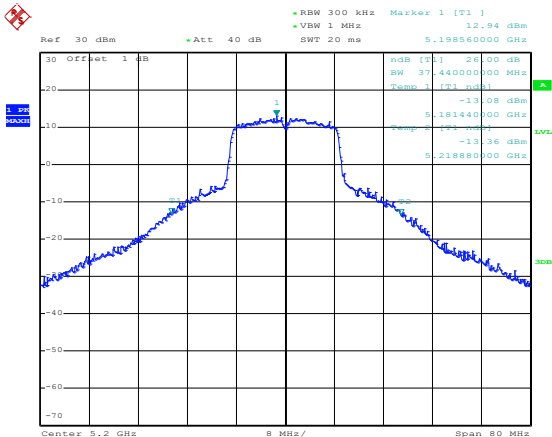
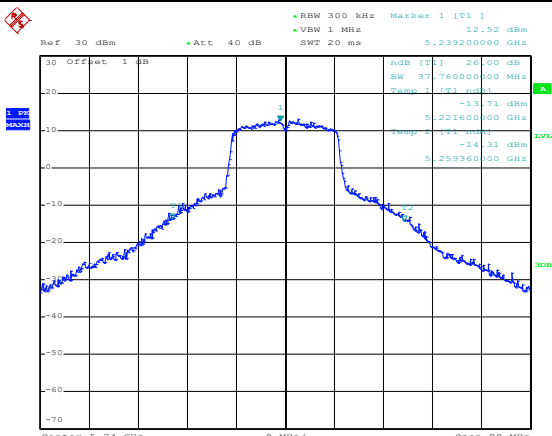


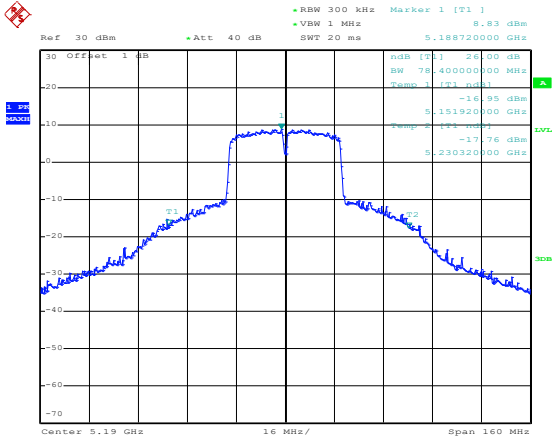
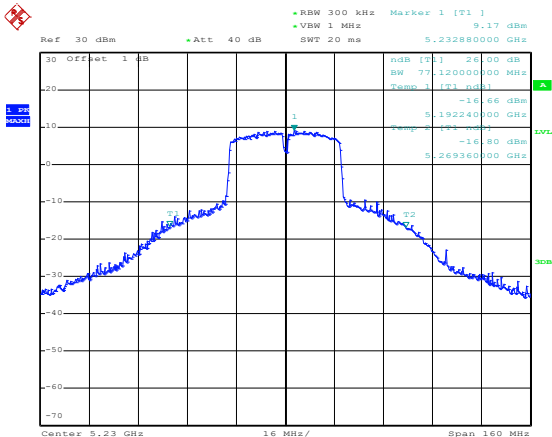
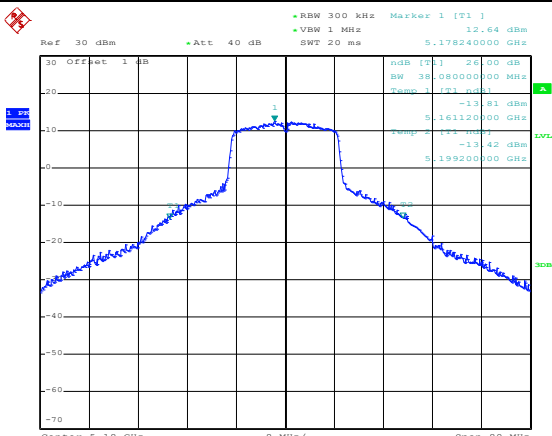
802.11ax-HE80

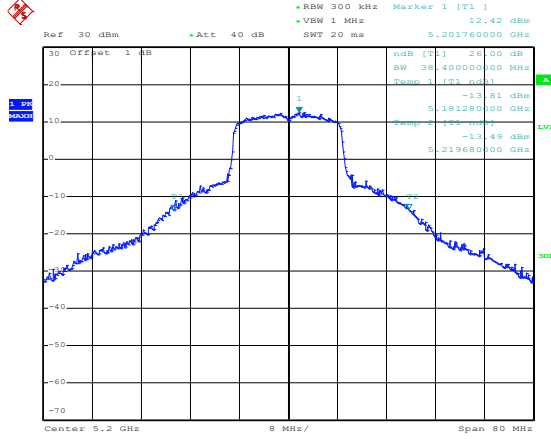
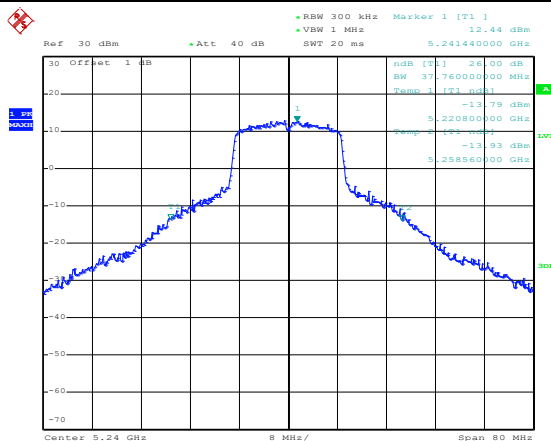
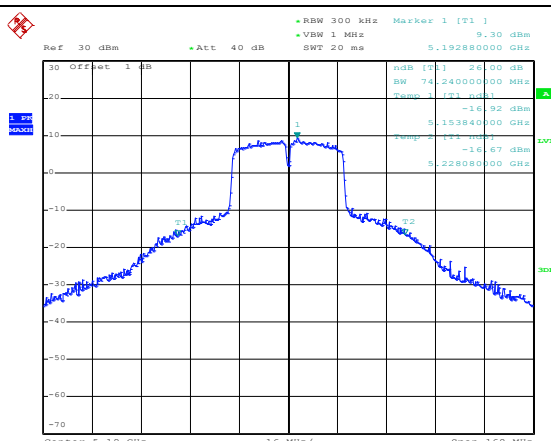


ANT 2
26 dB BandwidthMHz
5150-5250MHz

802.11a-Low	 Date: 13.MAR.2024 19:22:41
802.11a-Middle	 Date: 13.MAR.2024 19:24:53
802.11a-High	 Date: 13.MAR.2024 19:25:56

802.11n-HT20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 13.12 dBm •VSW 1 MHz SWT 20 ms 5.181440000 GHz ndB [T1] 26.00 dB BW 36.160000000 MHz Temp 1 [T1] ndB -12.99 dBm 5.162240000 GHz -13.25 dBm 5.198400000 GHz Center 5.18 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 19:27:51
802.11n-HT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 12.94 dBm •VSW 1 MHz SWT 20 ms 5.198560000 GHz ndB [T1] 26.00 dB BW 37.440000000 MHz Temp 1 [T1] ndB -13.08 dBm 5.181440000 GHz -13.36 dBm 5.218880000 GHz Center 5.2 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 19:27:23
802.11n-HT20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 12.52 dBm •VSW 1 MHz SWT 20 ms 5.239200000 GHz ndB [T1] 26.00 dB BW 37.760000000 MHz Temp 1 [T1] ndB -13.71 dBm 5.221600000 GHz -14.31 dBm 5.259360000 GHz Center 5.24 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 19:26:53

802.11n-HT40-Low	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz SWT 20 ms 5.188720000 GHz ndB [T1] 26.00 dB BW 78.40000000 MHz T1 [T1] -16.95 dBm 5.151920000 GHz T2 [T2] -17.76 dBm 5.230320000 GHz Center 5.19 GHz 16 MHz/ Span 160 MHz Date: 13.MAR.2024 19:31:49
802.11n-HT40-High	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz SWT 20 ms 5.232880000 GHz ndB [T1] 26.00 dB BW 77.12000000 MHz T1 [T1] -16.66 dBm 5.192240000 GHz T2 [T2] -16.80 dBm 5.269360000 GHz Center 5.23 GHz 16 MHz/ Span 160 MHz Date: 13.MAR.2024 19:32:54
802.11ac-VHT20-Low	 Ref 30 dBm Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz SWT 20 ms 5.178240000 GHz ndB [T1] 26.00 dB BW 38.08000000 MHz T1 [T1] -13.81 dBm 5.161120000 GHz T2 [T2] -13.42 dBm 5.199200000 GHz Center 5.18 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 19:28:20

802.11ac-VHT20-Middle	 Date: 13.MAR.2024 19:28:50
802.11ac-VHT20-High	 Date: 13.MAR.2024 19:29:17
802.11ac-VHT40-Low	 Date: 13.MAR.2024 19:33:51

802.11ac-VHT40-High	Date: 13.MAR.2024 19:33:20
802.11ac-VHT80	Date: 13.MAR.2024 19:35:55
802.11ax-HE20-Low	Date: 13.MAR.2024 19:30:45

802.11ax-HE20-Middle

Ref: 30 dBm Att: 40 dB RBW: 300 kHz VBW: 1 MHz SWT: 20 ms Marker 1 [T1] 14.50 dBm

Center: 5.2 GHz Span: 80 MHz

802.11ax-HE20-High

Ref: 30 dBm Att: 40 dB RBW: 300 kHz VBW: 1 MHz SWT: 20 ms Marker 1 [T1] 14.11 dBm

Center: 5.24 GHz Span: 80 MHz

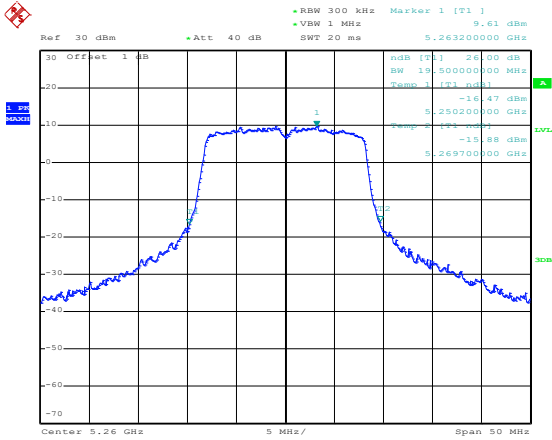
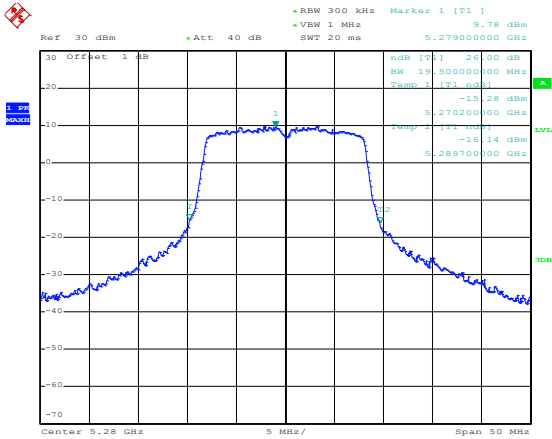
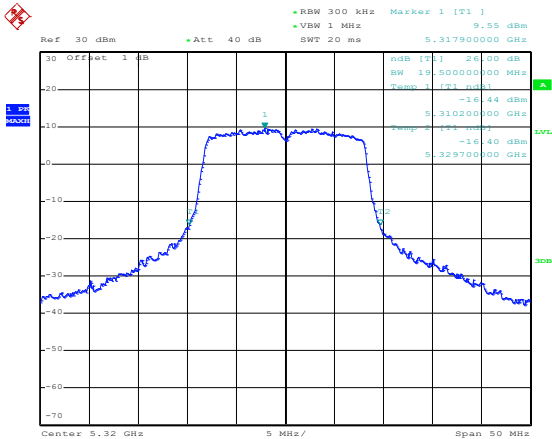
802.11ax-HE40-Low

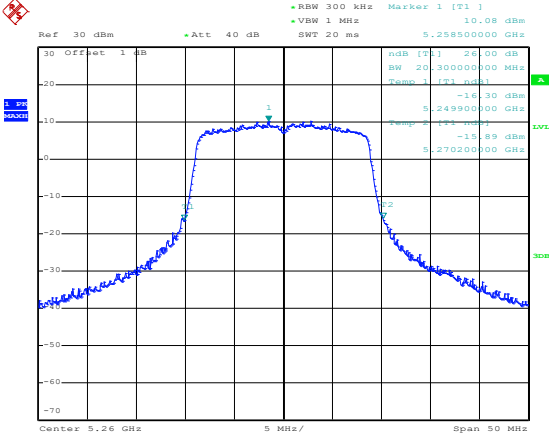
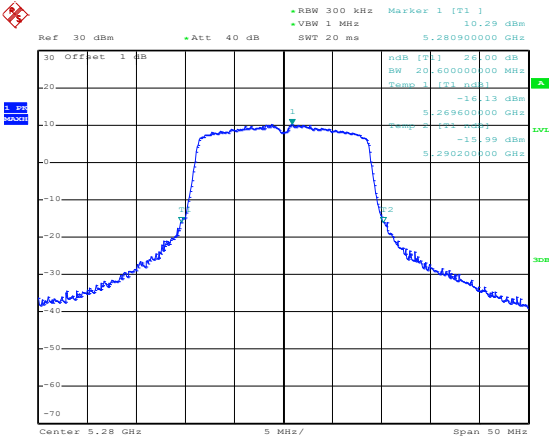
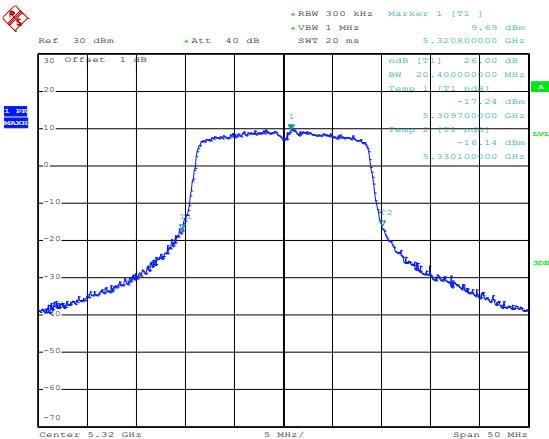
Ref: 30 dBm Att: 40 dB RBW: 300 kHz VBW: 1 MHz SWT: 20 ms Marker 1 [T1] 10.69 dBm

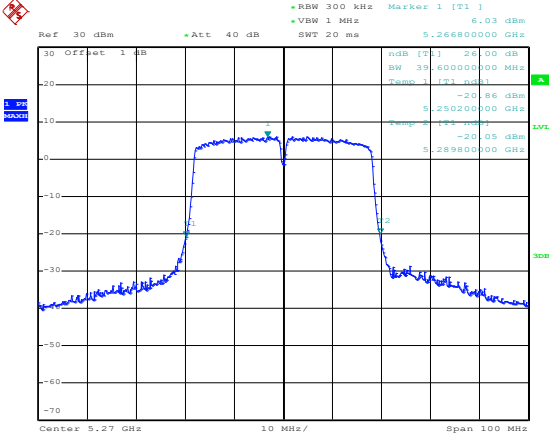
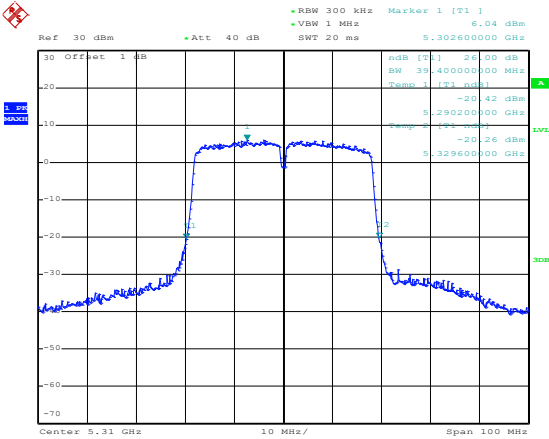
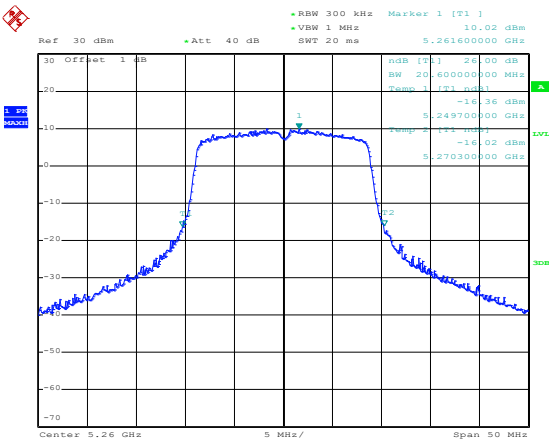
Center: 5.19 GHz Span: 160 MHz

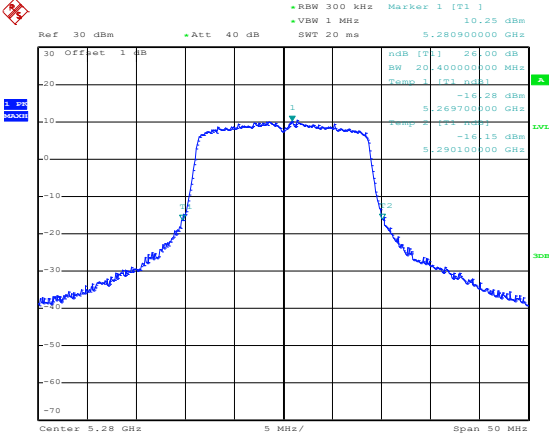
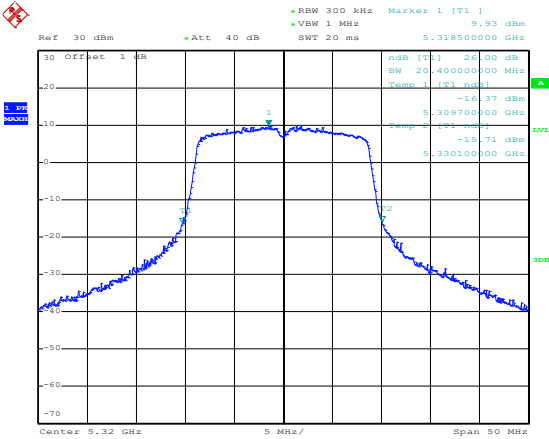
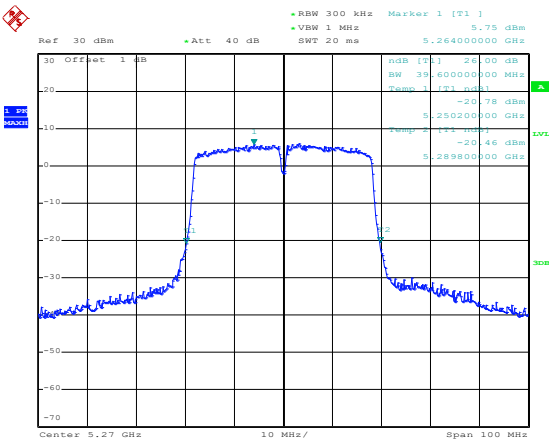
[illegible]

26 dB BandwidthMHz
5250-5350MHz

802.11a-Low	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] 9.61 dBm VBW 1 MHz SWT 20 ms 5.263200000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 19.500000000 MHz Temp 1 [T1] n dB -16.47 dBm 5.250200000 GHz -15.88 dBm 5.269700000 GHz Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 09:58:40
802.11a-Middle	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] 9.78 dBm VBW 1 MHz SWT 20 ms 5.279000000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 19.500000000 MHz Temp 1 [T1] n dB -15.28 dBm 5.270200000 GHz -16.14 dBm 5.289700000 GHz Center 5.28 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 09:59:51
802.11a-High	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] 9.55 dBm VBW 1 MHz SWT 20 ms 5.317900000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 19.500000000 MHz Temp 1 [T1] n dB -16.44 dBm 5.310200000 GHz -16.40 dBm 5.329700000 GHz Center 5.32 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 10:02:02

802.11n-HT20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 10.08 dBm •VSW 1 MHz SWT 20 ms 5.258500000 GHz ndB [T1] 26.00 dB BW 20.300000000 MHz Temp 1 [T1] ndB -16.30 dBm 5.249900000 GHz -15.89 dBm 5.270200000 GHz Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 10:03:53
802.11n-HT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 10.29 dBm •VSW 1 MHz SWT 20 ms 5.280900000 GHz ndB [T1] 26.00 dB BW 20.600000000 MHz Temp 1 [T1] ndB -16.13 dBm 5.269600000 GHz -15.99 dBm 5.290200000 GHz Center 5.28 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 10:03:27
802.11n-HT20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.69 dBm •VSW 1 MHz SWT 20 ms 5.320800000 GHz ndB [T1] 26.00 dB BW 20.400000000 MHz Temp 1 [T1] ndB -17.24 dBm 5.309700000 GHz -16.14 dBm 5.330100000 GHz Center 5.32 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 10:02:34

802.11n-HT40-Low	 Date: 14.MAR.2024 10:10:07
802.11n-HT40-High	 Date: 14.MAR.2024 10:11:11
802.11ac-VHT20-Low	 Date: 14.MAR.2024 10:04:16

802.11ac-VHT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 10.25 dBm •VSW 1 MHz SWT 20 ms 5.280900000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB A BW 20.400000000 MHz Temp 1 [T1] n dB 16.28 dBm 5.269700000 GHz 16.15 dBm 5.290300000 GHz 16.15 dBm Center 5.28 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 10:04:43
802.11ac-VHT20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.93 dBm •VSW 1 MHz SWT 20 ms 5.318500000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB A BW 20.400000000 MHz Temp 1 [T1] n dB 16.37 dBm 5.309700000 GHz 15.71 dBm 5.330100000 GHz 15.71 dBm Center 5.32 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 10:05:13
802.11ac-VHT40-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 5.75 dBm •VSW 1 MHz SWT 20 ms 5.264000000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB A BW 39.600000000 MHz Temp 1 [T1] n dB 20.78 dBm 5.250200000 GHz 20.46 dBm 5.289800000 GHz 20.46 dBm Center 5.27 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 10:12:10

802.11ac-VHT40-High	Ref: 30 dBm, Att: 40 dB, RBW: 300 kHz, VSWR: 1 MHz, SWT: 20 ms, Marker 1 [T1] 5.30 dBm Center: 5.31 GHz, Span: 100 MHz, 10 MHz/div Peak Level: -13.93 dBm Date: 14.MAR.2024 10:11:37
802.11ac-VHT80	Ref: 30 dBm, Att: 40 dB, RBW: 1 MHz, VSWR: 3 MHz, SWT: 20 ms, Marker 1 [T1] 8.49 dBm Center: 5.29 GHz, Span: 200 MHz, 20 MHz/div Peak Level: -13.28 dBm Date: 14.MAR.2024 10:13:48
802.11ax-HE20-Low	Ref: 30 dBm, Att: 40 dB, RBW: 300 kHz, VSWR: 1 MHz, SWT: 20 ms, Marker 1 [T1] 12.28 dBm Center: 5.26 GHz, Span: 50 MHz, 5 MHz/div Peak Level: -13.85 dBm Date: 14.MAR.2024 10:08:34

802.11ax-HE20-Middle

802.11ax-HE20-High

802.11ax-HE40-Low

Ref: 30 dBm Att: 40 dB RBW 300 kHz Marker 1 [T1] 12.65 dBm VSW 1 MHz SWT 20 ms 5.277300000 GHz

30 Off: 1 dB

20

10

0

-10

-20

-30

-40

-50

-60

-70

Center 5.28 GHz 5 MHz/ Span 50 MHz

Ref: 30 dBm Att: 40 dB RBW 300 kHz Marker 1 [T1] 12.46 dBm VSW 1 MHz SWT 20 ms 5.318200000 GHz

30 Off: 1 dB

20

10

0

-10

-20

-30

-40

-50

-60

-70

Center 5.32 GHz 5 MHz/ Span 50 MHz

Ref: 30 dBm Att: 40 dB RBW 300 kHz Marker 1 [T1] 7.86 dBm VSW 1 MHz SWT 20 ms 5.262800000 GHz

30 Off: 1 dB

20

10

0

-10

-20

-30

-40

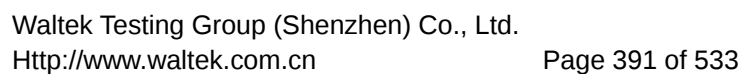
-50

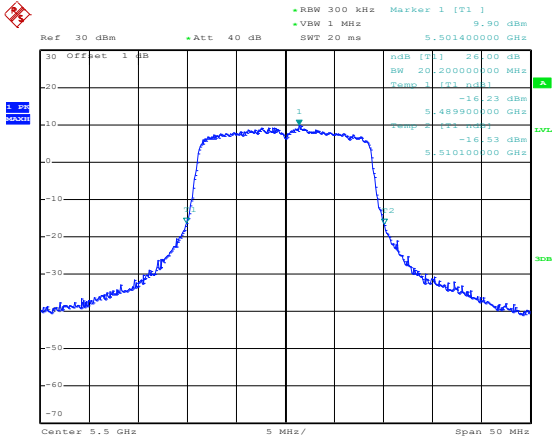
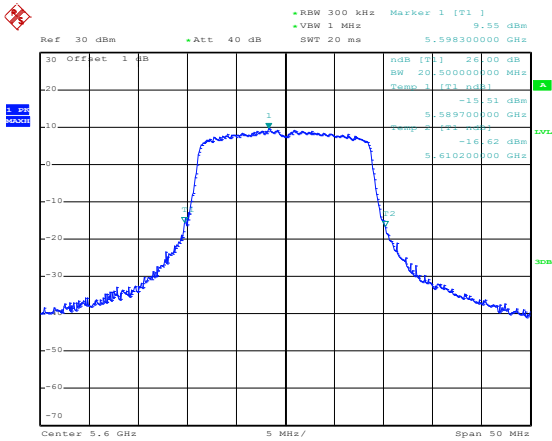
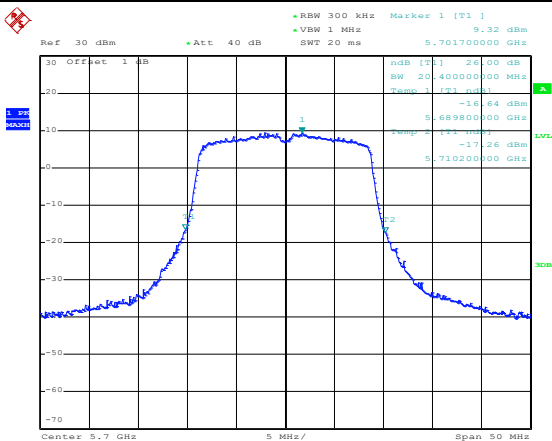
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-70

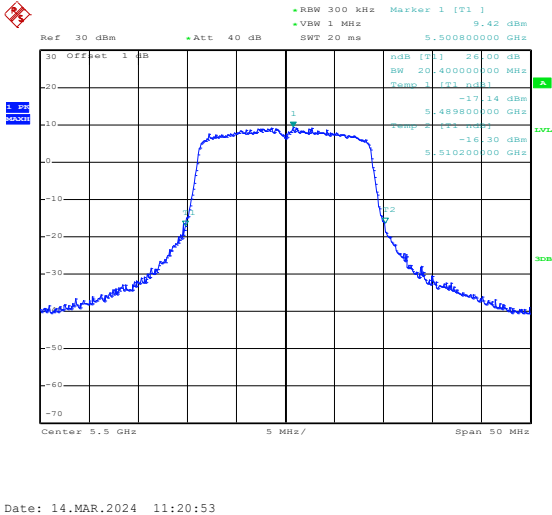
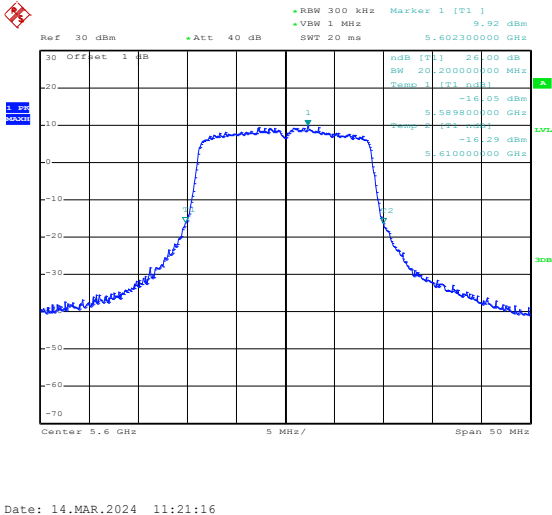
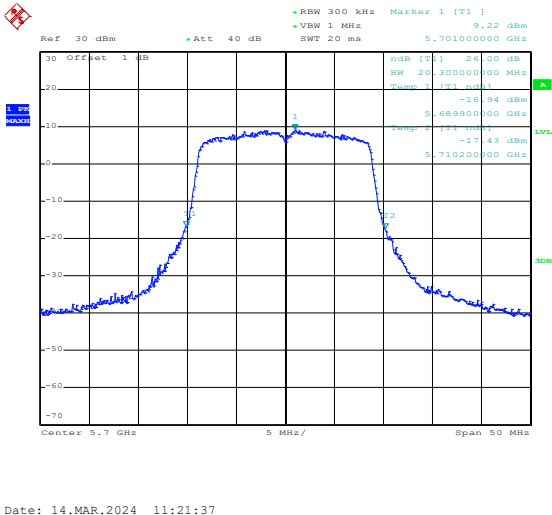
Center 5.27 GHz 10 MHz/ Span 100 MHz

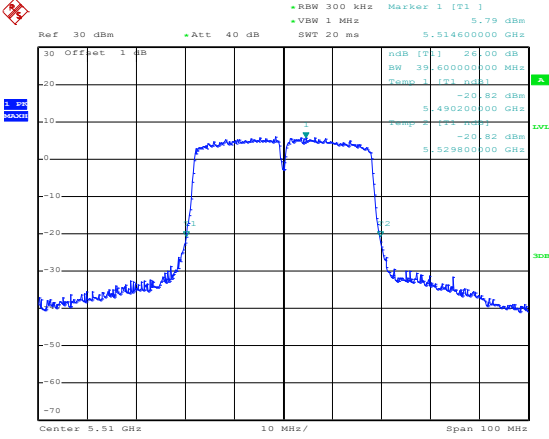
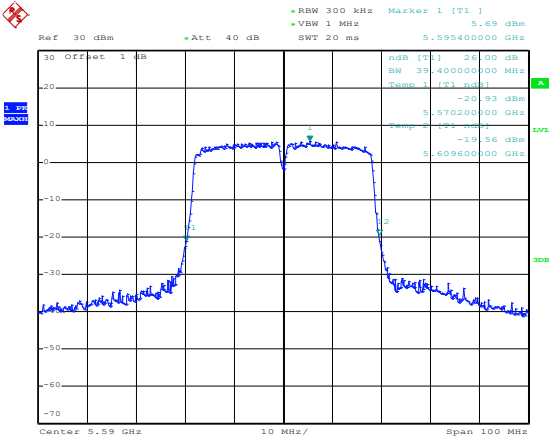
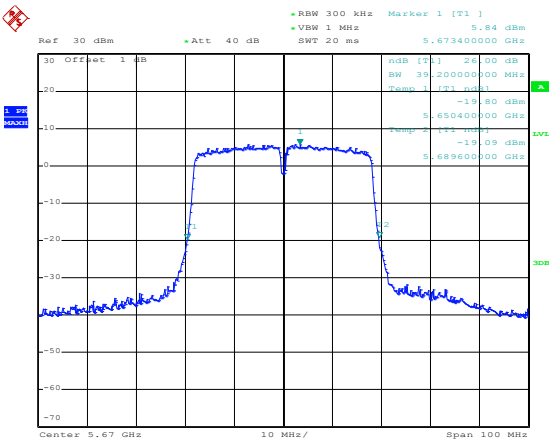
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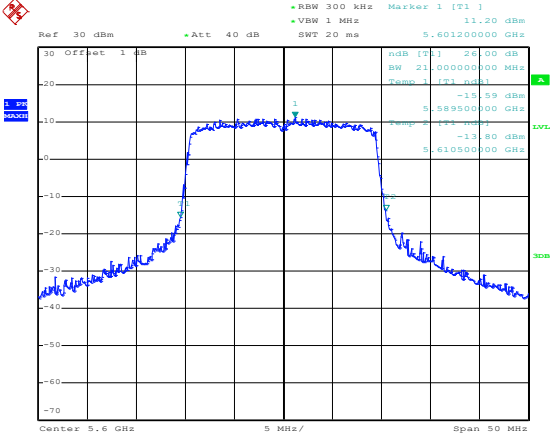
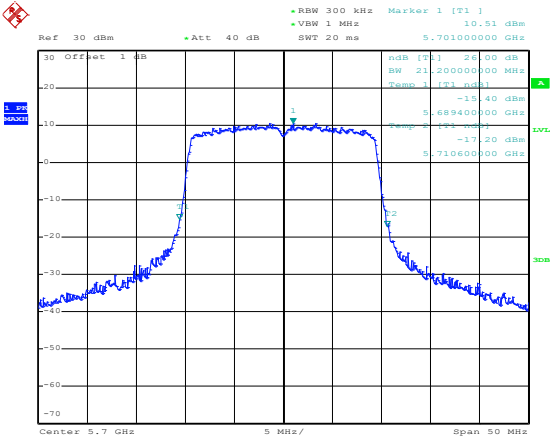
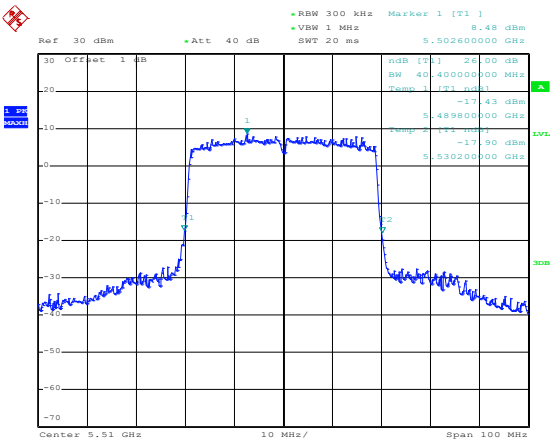
802.11n-HT20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.90 dBm •VSW 1 MHz SWT 20 ms 5.501400000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 20.00000000 MHz Temp 1 [T1] n dB -16.23 dBm 5.489900000 GHz -16.53 dBm 5.510300000 GHz Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 11:20:34
802.11n-HT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.55 dBm •VSW 1 MHz SWT 20 ms 5.598300000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 20.00000000 MHz Temp 1 [T1] n dB -15.51 dBm 5.589700000 GHz -16.62 dBm 5.610200000 GHz Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 11:20:11
802.11n-HT20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.32 dBm •VSW 1 MHz SWT 20 ms 5.701700000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB BW 20.400000000 MHz Temp 1 [T1] n dB -16.64 dBm 5.689800000 GHz -17.26 dBm 5.710200000 GHz Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 11:19:47

[illegible]

802.11ac-VHT20-Low	 Date: 14.MAR.2024 11:20:53
802.11ac-VHT20-Middle	 Date: 14.MAR.2024 11:21:16
802.11ac-VHT20-High	 Date: 14.MAR.2024 11:21:37

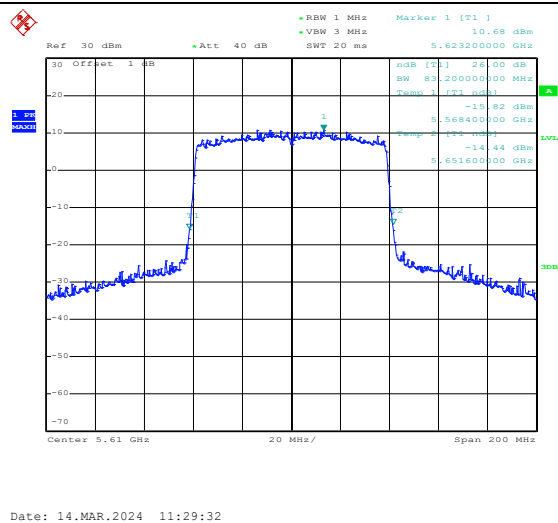
802.11ac-VHT40-Low	 Ref 30 dBm Att 40 dB RBW 300 kHz VSW 1 MHz SWT 20 ms Marker 1 [T1] 5.79 dBm 5.514600000 GHz 30 Offset 1 dB 20 10 0 -10 -20 -30 -40 -50 -60 -70 Center 5.51 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 11:26:03
802.11ac-VHT40-Middle	 Ref 30 dBm Att 40 dB RBW 300 kHz VSW 1 MHz SWT 20 ms Marker 1 [T1] 5.69 dBm 5.595400000 GHz 30 Offset 1 dB 20 10 0 -10 -20 -30 -40 -50 -60 -70 Center 5.59 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 11:23:53
802.11ac-VHT40-High	 Ref 30 dBm Att 40 dB RBW 300 kHz VSW 1 MHz SWT 20 ms Marker 1 [T1] 5.84 dBm 5.673400000 GHz 30 Offset 1 dB 20 10 0 -10 -20 -30 -40 -50 -60 -70 Center 5.67 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 11:25:12

802.11ac-VHT80-Low	Date: 14.MAR.2024 11:28:38
802.11ac-VHT80-High	Date: 14.MAR.2024 11:29:05
802.11ax-HE20-Low	Date: 14.MAR.2024 11:22:45

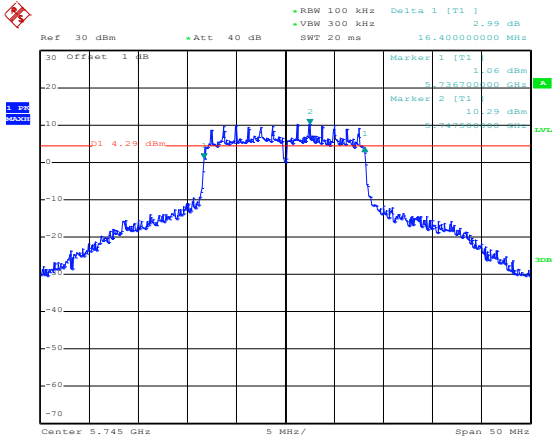
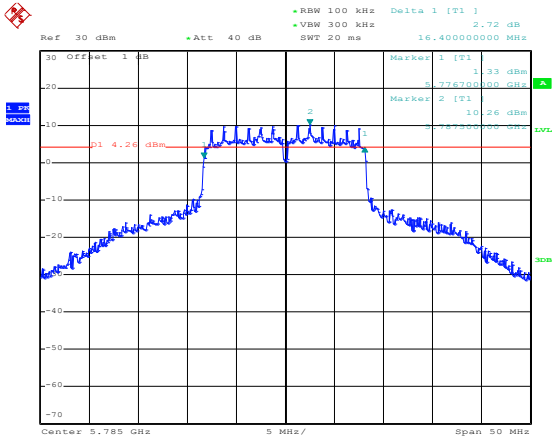
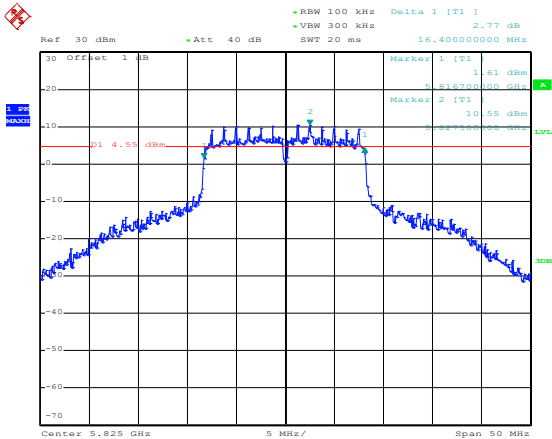
802.11ax-HE20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 11.20 dBm •VSW 1 MHz SWT 20 ms 5.601200000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB A BW 21.00000000 MHz Temp 1 [T1] n dB -15.59 dBm 5.589500000 GHz LVL -15.80 dBm 5.610500000 GHz 30B Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 11:22:22
802.11ax-HE20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 10.51 dBm •VSW 1 MHz SWT 20 ms 5.701000000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB A BW 21.00000000 MHz Temp 1 [T1] n dB -15.40 dBm 5.689400000 GHz LVL -17.20 dBm 5.710600000 GHz 30B Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 11:21:58
802.11ax-HE40-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 8.48 dBm •VSW 1 MHz SWT 20 ms 5.502600000 GHz 30 Offset 1 dB n dB [T1] 26.00 dB A BW 40.40000000 MHz Temp 1 [T1] n dB -17.43 dBm 5.489800000 GHz LVL -17.90 dBm 5.530200000 GHz 30B Center 5.51 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 11:26:38

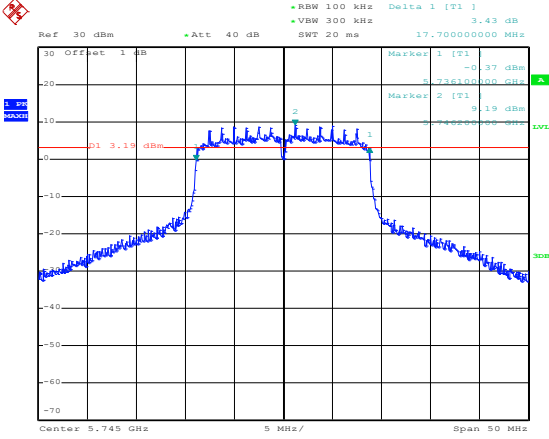
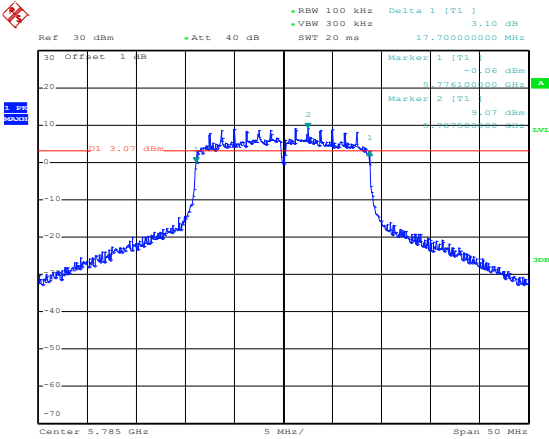
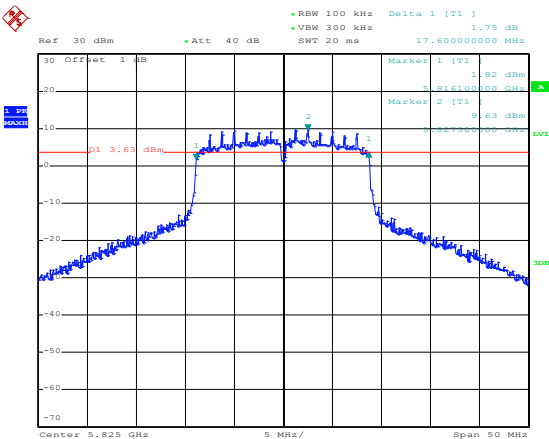
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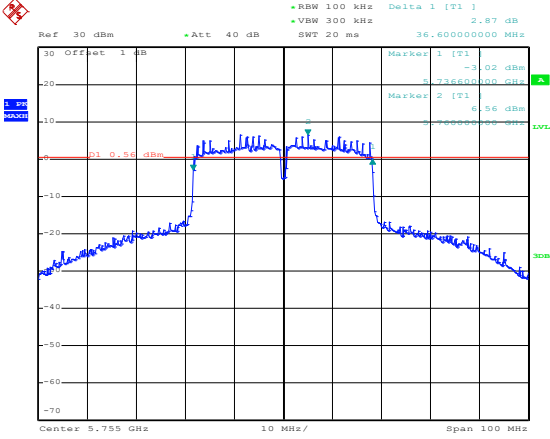
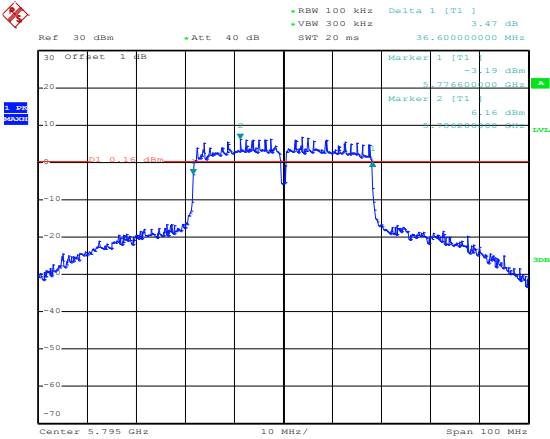
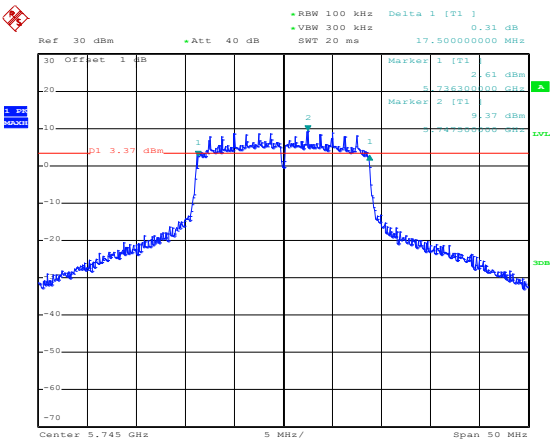
802.11ax-HE80-High

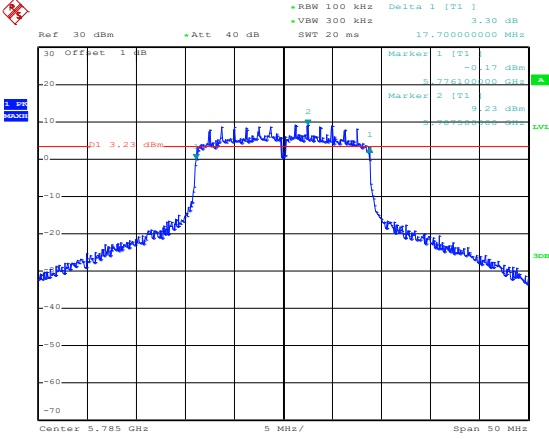
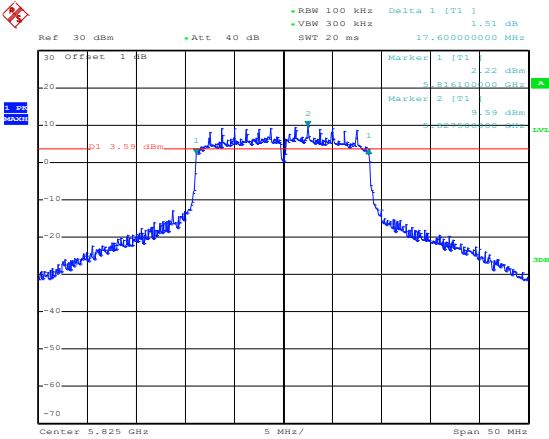
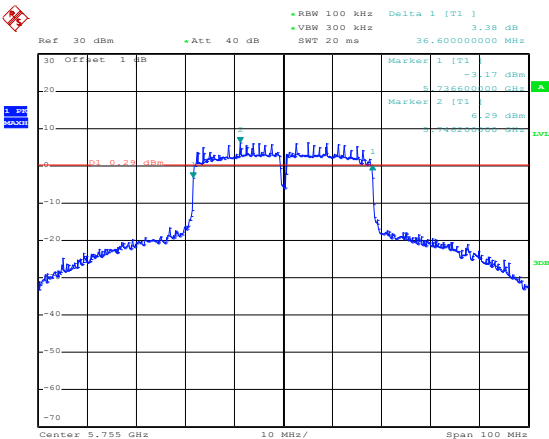


6 dB BandwidthMHz
5725-5850MHz

802.11a-Low	 Date: 14.MAR.2024 14:19:37
802.11a-Middle	 Date: 14.MAR.2024 14:20:39
802.11a-High	 Date: 14.MAR.2024 14:21:47

802.11n-HT20-Low	 Ref 30 dBm +Att 40 dB RBW 100 kHz Delta 1 [T1] 3.43 dB VBW 300 kHz SWT 20 ms 17.700000000 MHz Marker 1 [T1] -0.37 dBm Marker 2 [T1] 9.19 dBm Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 14:25:27
802.11n-HT20-Middle	 Ref 30 dBm +Att 40 dB RBW 100 kHz Delta 1 [T1] 3.10 dB VBW 300 kHz SWT 20 ms 17.700000000 MHz Marker 1 [T1] -0.06 dBm Marker 2 [T1] 9.07 dBm Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 14:24:32
802.11n-HT20-High	 Ref 30 dBm +Att 40 dB RBW 100 kHz Delta 1 [T1] 1.75 dB VBW 300 kHz SWT 20 ms 17.600000000 MHz Marker 1 [T1] 1.82 dBm Marker 2 [T1] 9.63 dBm Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 14:23:23

802.11n-HT40-Low	 Ref 30 dBm Att 40 dB RBW 100 kHz VSW 300 kHz SWT 20 ms Delta 1 [T1] 2.87 dB Marker 1 [T1] -3.02 dBm Marker 2 [T1] -30.56 dBm Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 14:32:58
802.11n-HT40-High	 Ref 30 dBm Att 40 dB RBW 100 kHz VSW 300 kHz SWT 20 ms Delta 1 [T1] 3.47 dB Marker 1 [T1] -3.19 dBm Marker 2 [T1] -30.16 dBm Center 5.795 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 14:34:05
802.11ac-VHT20-Low	 Ref 30 dBm Att 40 dB RBW 100 kHz VSW 300 kHz SWT 20 ms Delta 1 [T1] 0.31 dB Marker 1 [T1] -2.61 dBm Marker 2 [T1] -30.37 dBm Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 14:26:28

802.11ac-VHT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 100 kHz Delta 1 [T1] 3.30 dB •VSW 300 kHz SWT 20 ms 17.700000000 MHz Marker 1 [T1] -0.17 dBm Marker 2 [T1] 0.23 dBm Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 14:27:39
802.11ac-VHT20-High	 Ref 30 dBm •Att 40 dB •RBW 100 kHz Delta 1 [T1] 1.51 dB •VSW 300 kHz SWT 20 ms 17.600000000 MHz Marker 1 [T1] 0.59 dBm Marker 2 [T1] 0.59 dBm Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 14:28:41
802.11ac-VHT40-Low	 Ref 30 dBm •Att 40 dB •RBW 100 kHz Delta 1 [T1] 3.38 dB •VSW 300 kHz SWT 20 ms 36.600000000 MHz Marker 1 [T1] -0.17 dBm Marker 2 [T1] 0.29 dBm Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 14:36:01

802.11ac-VHT40-High

Ref: 30 dBm Att: 40 dB RBW: 100 kHz Delta: 1 [T1] 3.48 dB
VSW: 300 kHz SWT: 20 ms 36.60000000 MHz

Marker 1 [T1] -2.02 dBm
Marker 2 [T1] -2.02 dBm

Center: 5.795 GHz 10 MHz/ Span: 100 MHz

Date: 14.MAR.2024 14:35:03

802.11ac-VHT80

Ref: 30 dBm Att: 40 dB RBW: 100 kHz Delta: 1 [T1] 3.48 dB
VSW: 300 kHz SWT: 20 ms 76.40000000 MHz

Marker 1 [T1] -2.64 dBm
Marker 2 [T1] -2.64 dBm

Center: 5.775 GHz 20 MHz/ Span: 200 MHz

Date: 14.MAR.2024 14:40:27

802.11ax-HE20-Low

Ref: 30 dBm Att: 40 dB RBW: 100 kHz Delta: 1 [T1] 3.48 dB
VSW: 300 kHz SWT: 20 ms 19.00000000 MHz

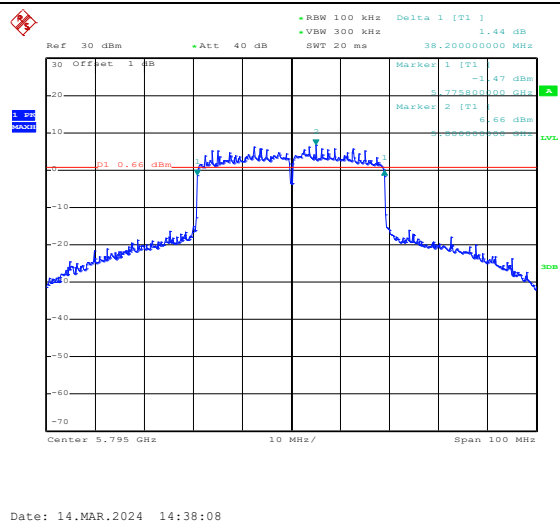
Marker 1 [T1] -2.18 dBm
Marker 2 [T1] -2.18 dBm

Center: 5.745 GHz 5 MHz/ Span: 50 MHz

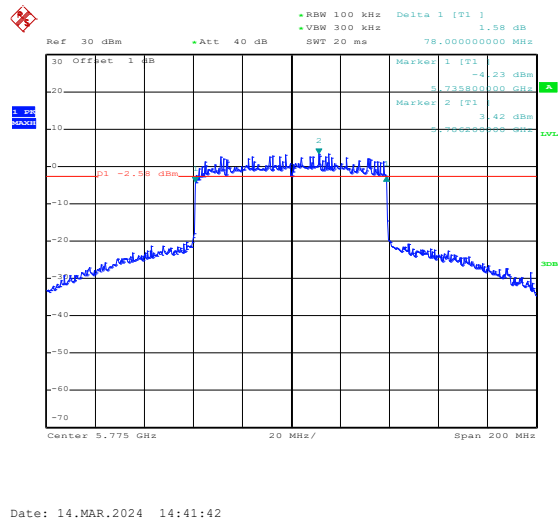
Date: 14.MAR.2024 14:31:19

802.11ax-HE20-Middle	Ref 30 dBm • Att 40 dB • RBW 100 kHz • VSW 300 kHz • Delta 1 [T1] 0.42 dB • SWT 20 ms 18.900000000 MHz Marker 1 [T1] 2.07 dBm Marker 2 [T1] -11.11 dBm D1 3.11 dBm Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 14:30:30
802.11ax-HE20-High	Ref 30 dBm • Att 40 dB • RBW 100 kHz • VSW 300 kHz • Delta 1 [T1] 2.08 dB • SWT 20 ms 19.100000000 MHz Marker 1 [T1] 1.15 dBm Marker 2 [T1] -9.53 dBm D1 3.53 dBm Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 14.MAR.2024 14:29:38
802.11ax-HE40-Low	Ref 30 dBm • Att 40 dB • RBW 100 kHz • VSW 300 kHz • Delta 1 [T1] 2.33 dB • SWT 20 ms 38.200000000 MHz Marker 1 [T1] -1.45 dBm Marker 2 [T1] -6.62 dBm D1 0.62 dBm Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 14.MAR.2024 14:37:09

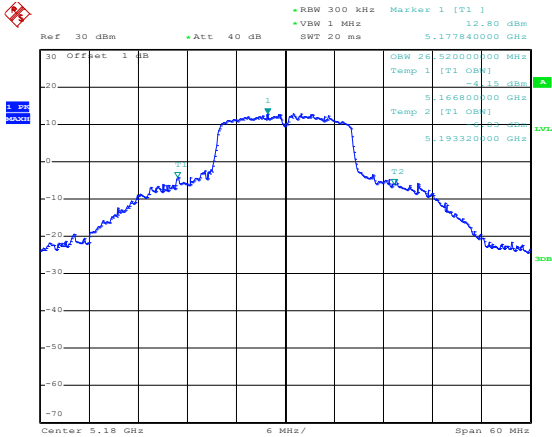
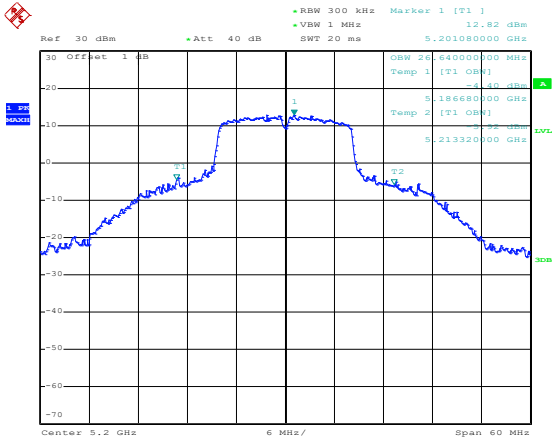
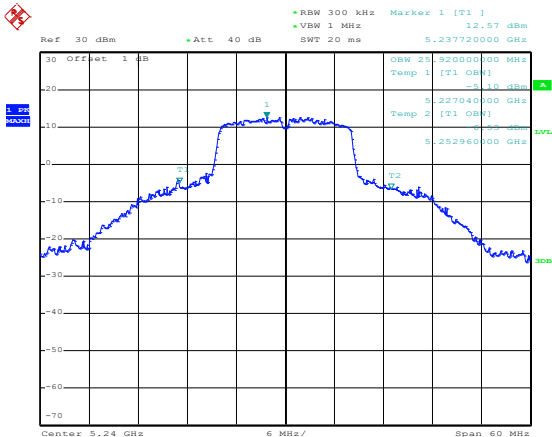
802.11ax-HE40-High

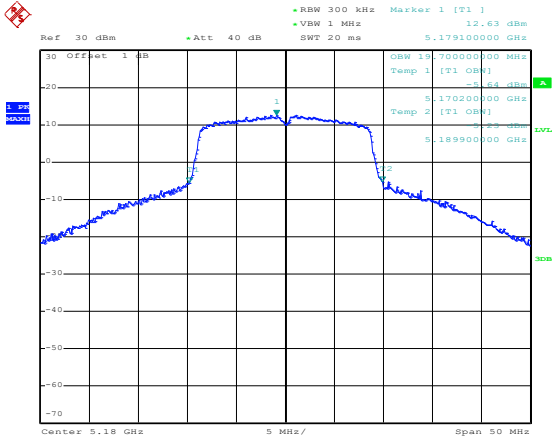
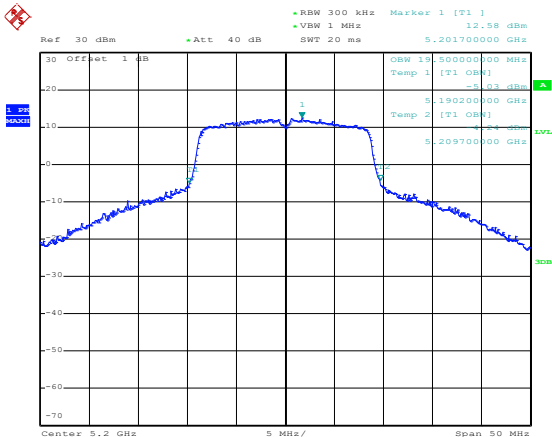
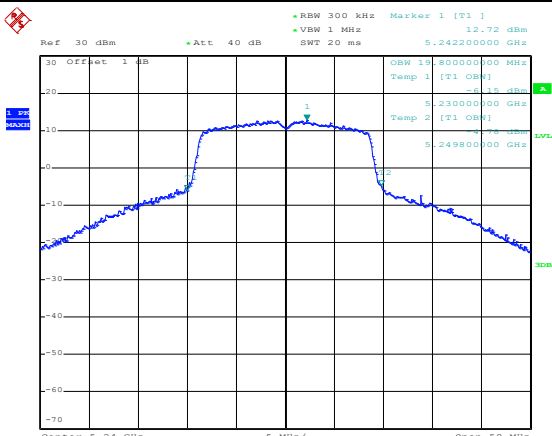


802.11ax-HE80



ANT 1
99% BandwidthMHz
5150-5250MHz

802.11a-Low	 Date: 8.MAR.2024 11:51:18
802.11a-Middle	 Date: 8.MAR.2024 11:52:18
802.11a-High	 Date: 8.MAR.2024 11:53:22

802.11n-HT20-Low	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz 12.63 dBm SWT 20 ms 5.179100000 GHz OSW 10.700000000 MHz Temp 1 [T1 OBW] -5.64 dBm 5.170200000 GHz Temp 2 [T1 OBW] -5.63 dBm 5.189900000 GHz Center 5.18 GHz 5 MHz/ Span 50 MHz Date: 8.MAR.2024 14:17:27
802.11n-HT20-Middle	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz 12.58 dBm SWT 20 ms 5.201700000 GHz OSW 10.300000000 MHz Temp 1 [T1 OBW] -5.63 dBm 5.190200000 GHz Temp 2 [T1 OBW] -5.64 dBm 5.209700000 GHz Center 5.2 GHz 5 MHz/ Span 50 MHz Date: 8.MAR.2024 14:15:18
802.11n-HT20-High	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz 12.72 dBm SWT 20 ms 5.242200000 GHz OSW 10.800000000 MHz Temp 1 [T1 OBW] -5.15 dBm 5.230000000 GHz Temp 2 [T1 OBW] -5.16 dBm 5.249800000 GHz Center 5.24 GHz 5 MHz/ Span 50 MHz Date: 8.MAR.2024 14:12:09

802.11n-HT40-Low

Ref: 30 dBm Att: 40 dB RBW 1 MHz VBW 3 MHz SWF 20 ns Marker 1 [T1] 15.10 dBm

OBW 47.40000000 MHz Temp 1 [T1 OBW] -4.35 dBm

5.16680000 GHz Temp 2 [T1 OBW] -5.55 dBm

5.21420000 GHz

Center 5.19 GHz 10 MHz/ Span 100 MHz

Date: 8.MAR.2024 14:35:15

802.11n-HT40-High

Ref: 30 dBm Att: 40 dB RBW 1 MHz VBW 3 MHz SWF 20 ns Marker 1 [T1] 14.97 dBm

OBW 46.40000000 MHz Temp 1 [T1 OBW] -4.31 dBm

5.20760000 GHz Temp 2 [T1 OBW] -5.46 dBm

5.25400000 GHz

Center 5.23 GHz 10 MHz/ Span 100 MHz

Date: 8.MAR.2024 14:36:18

802.11ac-VHT20-Low

Ref: 30 dBm Att: 40 dB RBW 300 kHz VBW 1 MHz SWF 20 ns Marker 1 [T1] 12.56 dBm

OBW 19.70000000 MHz Temp 1 [T1 OBW] -5.38 dBm

5.17020000 GHz Temp 2 [T1 OBW] -6.26 dBm

5.18990000 GHz

Center 5.18 GHz 5 MHz/ Span 50 MHz

Date: 8.MAR.2024 14:19:16

802.11ac-VHT20-Middle

This spectrum plot shows the power spectral density of the 802.11ac-VHT20-Middle channel. The y-axis represents power in dBm, ranging from -70 to 30. The x-axis represents frequency in MHz, with a center frequency of 5.2 GHz and a total span of 50 MHz. A blue trace shows the signal profile, which rises sharply from approximately -60 dBm at 5.15 GHz to a peak of about 10 dBm between 5.18 GHz and 5.22 GHz, before falling back to -60 dBm by 5.25 GHz. A green marker labeled '1' is positioned at the top of the signal peak.

Parameter	Value
Ref	30 dBm
Offset	1 dB
Att	40 dB
RBW	300 kHz
VBW	1 MHz
SWT	20 ms
Marker 1 [T1]	12.41 dBm
OBW 19	800000000 MHz
Temp 1 [T1 OBW]	-4.15 dBm
OBW 19	1901000000 GHz
Temp 2 [T1 OBW]	-4.11 dBm
OBW 19	2099000000 GHz

Date: 8.MAR.2024 14:20:34

802.11ac-VHT20-High

This spectrum plot shows the power spectral density of the 802.11ac-VHT20-High channel. The y-axis represents power in dBm, ranging from -70 to 30. The x-axis represents frequency in MHz, with a center frequency of 5.24 GHz and a total span of 50 MHz. A blue trace shows the signal profile, which rises sharply from approximately -60 dBm at 5.19 GHz to a peak of about 10 dBm between 5.22 GHz and 5.26 GHz, before falling back to -60 dBm by 5.29 GHz. A green marker labeled '1' is positioned at the top of the signal peak.

Parameter	Value
Ref	30 dBm
Offset	1 dB
Att	40 dB
RBW	300 kHz
VBW	1 MHz
SWT	20 ms
Marker 1 [T1]	12.18 dBm
OBW 19	1000000000 MHz
Temp 1 [T1 OBW]	-4.12 dBm
OBW 19	2304000000 GHz
Temp 2 [T1 OBW]	-4.04 dBm
OBW 19	2495000000 GHz

Date: 8.MAR.2024 14:21:23

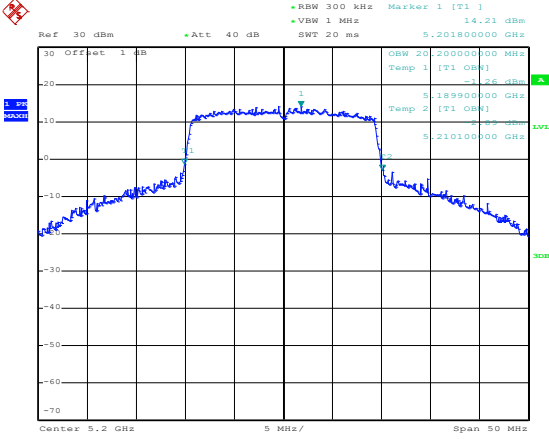
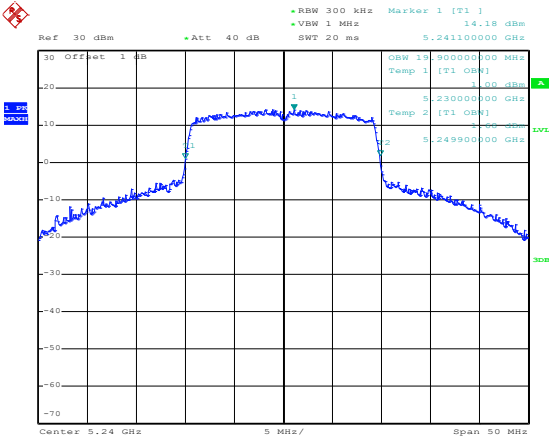
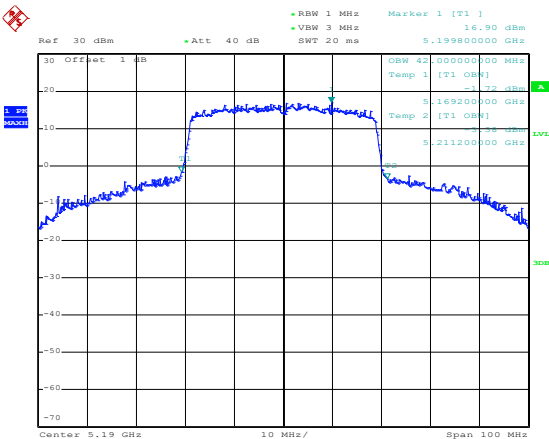
802.11ac-VHT40-Low

This spectrum plot shows the power spectral density of the 802.11ac-VHT40-Low channel. The y-axis represents power in dBm, ranging from -70 to 30. The x-axis represents frequency in MHz, with a center frequency of 5.19 GHz and a total span of 100 MHz. A blue trace shows the signal profile, which rises sharply from approximately -60 dBm at 5.14 GHz to a peak of about 10 dBm between 5.17 GHz and 5.21 GHz, before falling back to -60 dBm by 5.24 GHz. A green marker labeled '1' is positioned at the top of the signal peak.

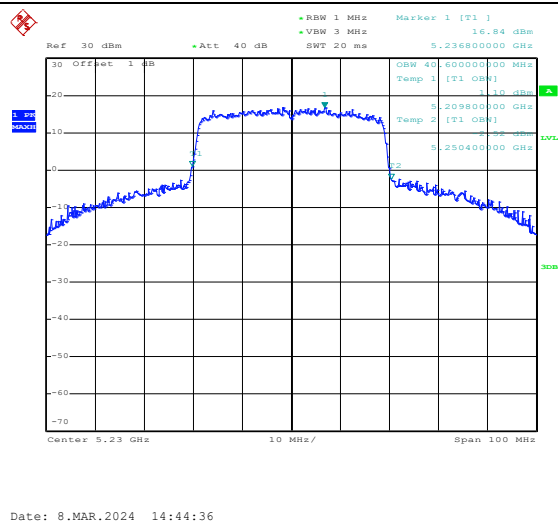
Parameter	Value
Ref	30 dBm
Offset	1 dB
Att	40 dB
RBW	1 MHz
VBW	3 MHz
SWT	20 ms
Marker 1 [T1]	15.12 dBm
OBW 47	600000000 MHz
Temp 1 [T1 OBW]	-4.14 dBm
OBW 47	1666000000 GHz
Temp 2 [T1 OBW]	-4.12 dBm
OBW 47	2142000000 GHz

Date: 8.MAR.2024 14:38:55

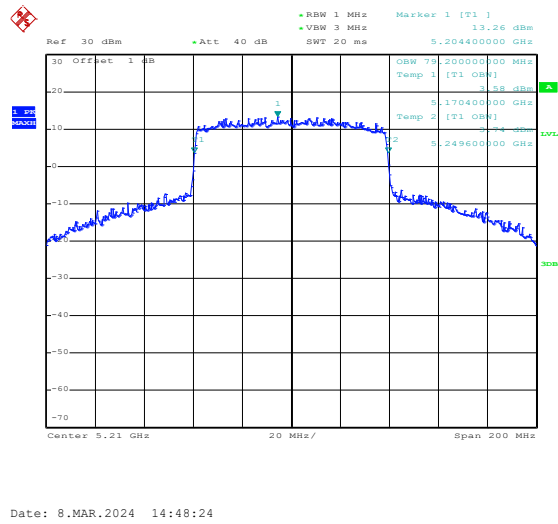
[illegible]

802.11ax-HE20-Middle	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] VBW 1 MHz 14.21 dBm SWT 20 ms 5.201800000 GHz OSW 20.00000000 MHz Temp 1 [T1 OBW] Temp 2 [T1 OBW] 5.189900000 GHz 5.210100000 GHz Center 5.2 GHz 5 MHz/ Span 50 MHz Date: 8.MAR.2024 14:23:56
802.11ax-HE20-High	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] VBW 1 MHz 14.18 dBm SWT 20 ms 5.241100000 GHz OSW 10.00000000 MHz Temp 1 [T1 OBW] Temp 2 [T1 OBW] 5.230000000 GHz 5.249900000 GHz Center 5.24 GHz 5 MHz/ Span 50 MHz Date: 8.MAR.2024 14:23:14
802.11ax-HE40-Low	 Ref 30 dBm •Att 40 dB RBW 1 MHz Marker 1 [T1] VBW 3 MHz 16.90 dBm SWT 20 ms 5.199800000 GHz OSW 40.00000000 MHz Temp 1 [T1 OBW] Temp 2 [T1 OBW] 5.169200000 GHz 5.211200000 GHz Center 5.19 GHz 10 MHz/ Span 100 MHz Date: 8.MAR.2024 14:43:09

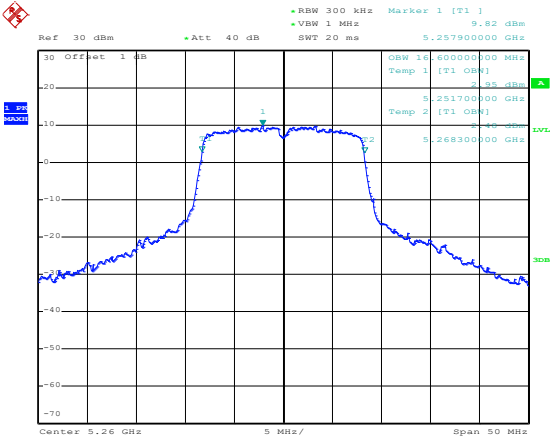
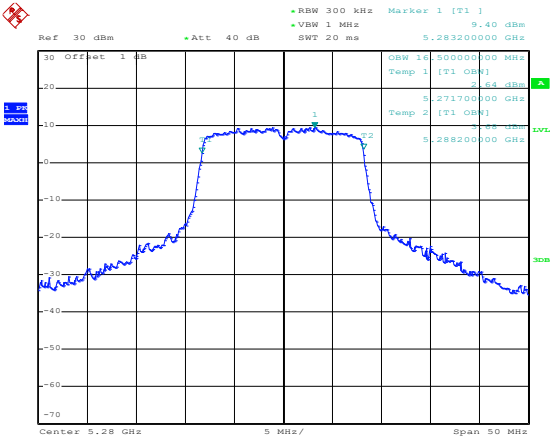
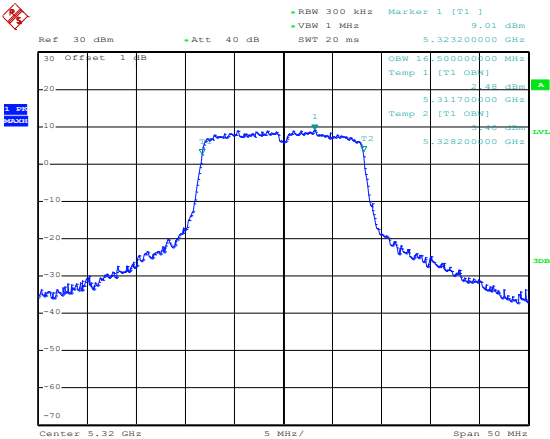
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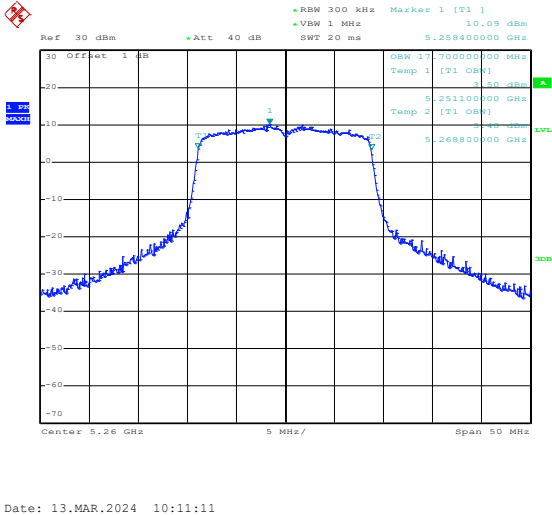
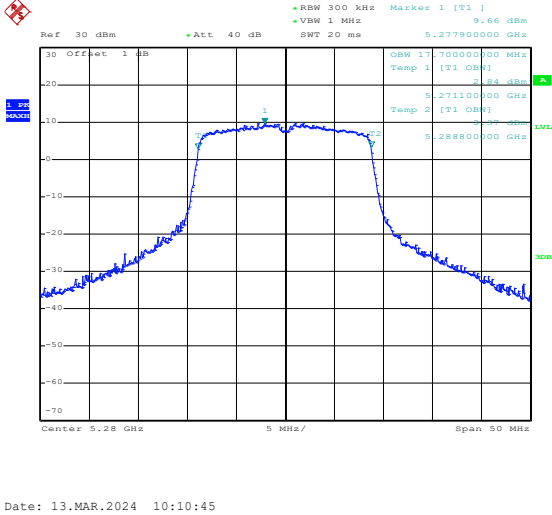
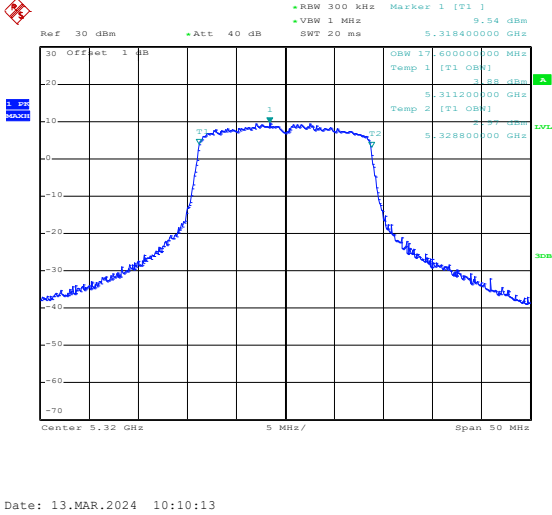


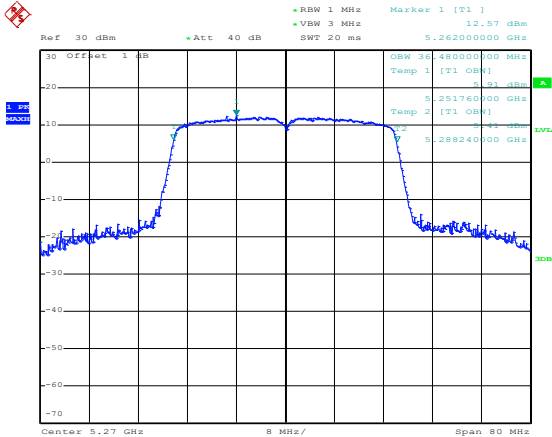
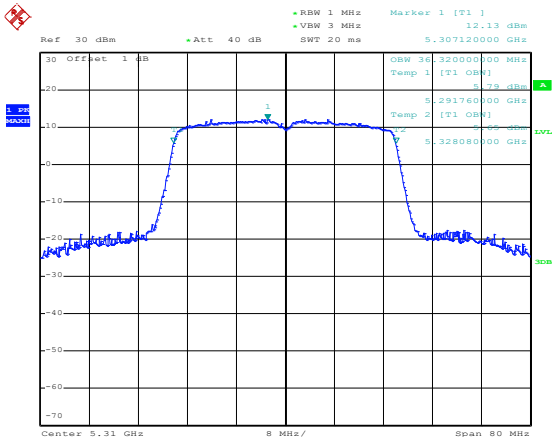
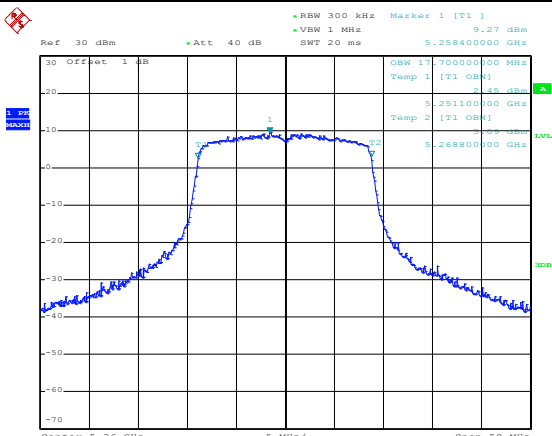
802.11ax-HE80

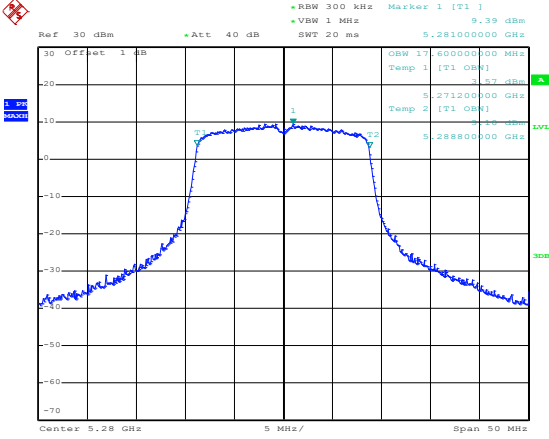
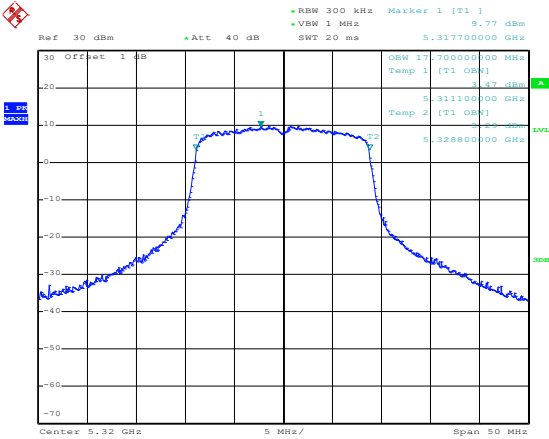
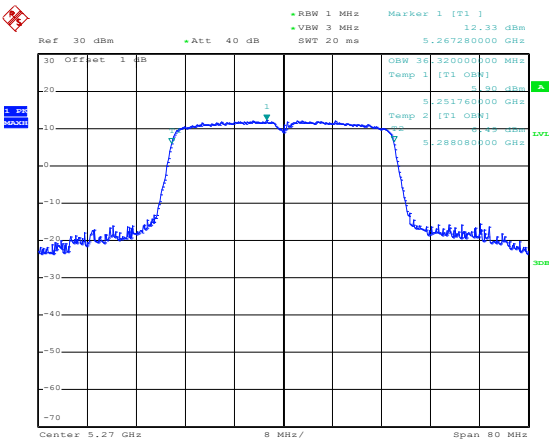


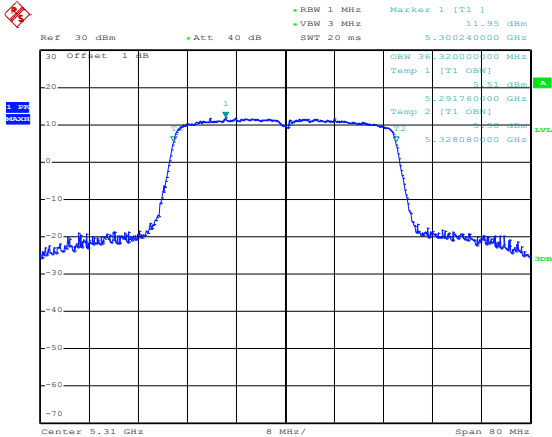
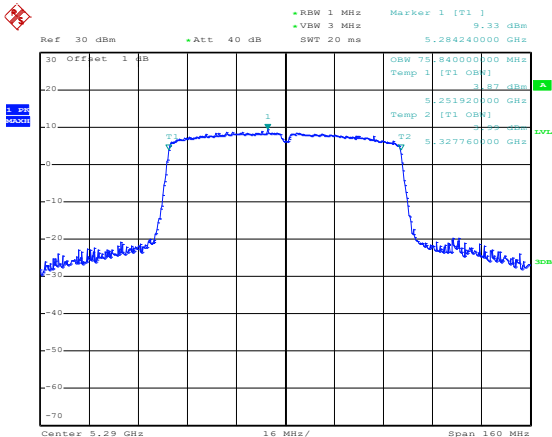
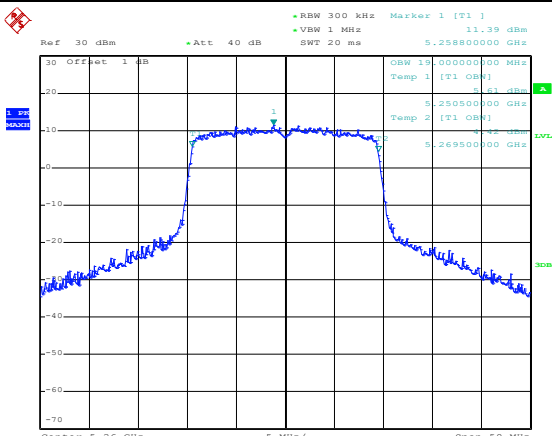
99% BandwidthMHz
5250-5350MHz

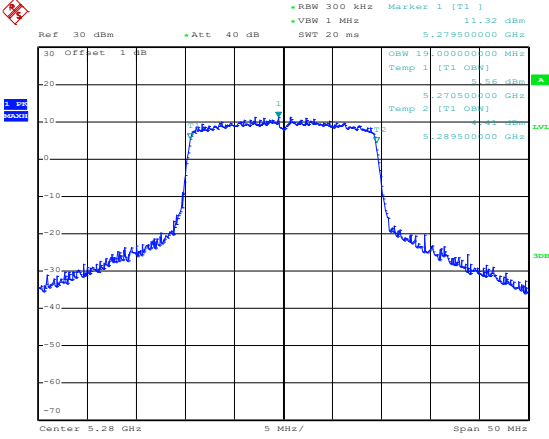
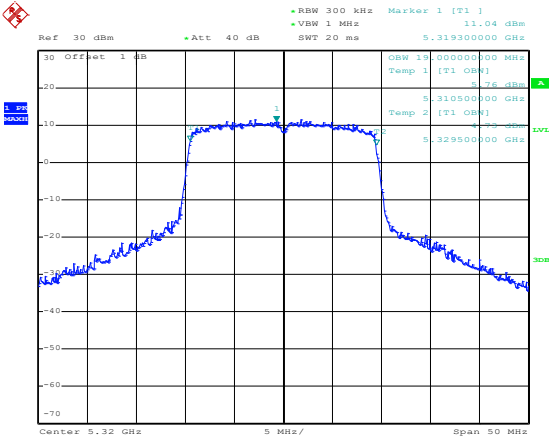
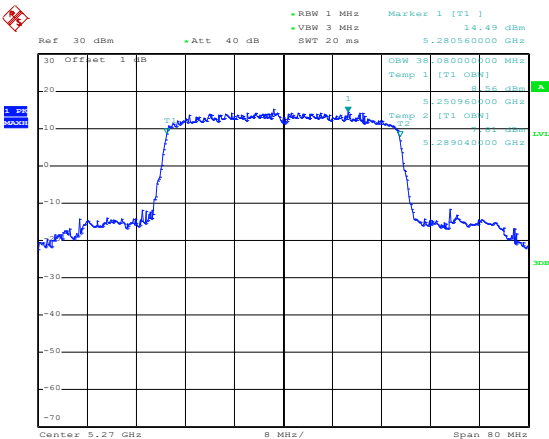
802.11a-Low	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] 9.82 dBm VBW 1 MHz SWF 20 ms 5.25790000 GHz 30 Offset 1 dB OSW 16.60000000 MHz Temp 1 [T1] OSW 2.35 dBm A -20 5.25170000 GHz Temp 2 [T1] OSW 2.48 dBm LVL -10 5.26830000 GHz 30dB Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:07:45
802.11a-Middle	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] 9.40 dBm VBW 1 MHz SWF 20 ms 5.28320000 GHz 30 Offset 1 dB OSW 16.60000000 MHz Temp 1 [T1] OSW 2.44 dBm A -20 5.27170000 GHz Temp 2 [T1] OSW 2.48 dBm LVL -10 5.28820000 GHz 30dB Center 5.28 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:08:59
802.11a-High	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] 9.01 dBm VBW 1 MHz SWF 20 ms 5.32320000 GHz 30 Offset 1 dB OSW 16.60000000 MHz Temp 1 [T1] OSW 2.48 dBm A -20 5.31170000 GHz Temp 2 [T1] OSW 2.48 dBm LVL -10 5.32820000 GHz 30dB Center 5.32 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:09:43

802.11n-HT20-Low	 Date: 13.MAR.2024 10:11:11
802.11n-HT20-Middle	 Date: 13.MAR.2024 10:10:45
802.11n-HT20-High	 Date: 13.MAR.2024 10:10:13

802.11n-HT40-Low	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 12.57 dBm •VSW 3 MHz 5.262000000 GHz SWT 20 ms OSW 30.480000000 MHz Temp 1 [T1] 0.00 dBm 5.251760000 GHz Temp 2 [T1] 0.00 dBm 5.288240000 GHz Center 5.27 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 10:18:38
802.11n-HT40-High	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 12.13 dBm •VSW 3 MHz 5.307120000 GHz SWT 20 ms OSW 30.320000000 MHz Temp 1 [T1] 0.00 dBm 5.291760000 GHz Temp 2 [T1] 0.00 dBm 5.328080000 GHz Center 5.31 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 10:19:33
802.11ac-VHT20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.27 dBm •VSW 1 MHz 5.258400000 GHz SWT 20 ms OSW 17.700000000 MHz Temp 1 [T1] 0.00 dBm 5.251100000 GHz Temp 2 [T1] 0.00 dBm 5.268800000 GHz Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:11:45

802.11ac-VHT20-Middle	 Date: 13.MAR.2024 10:12:16
802.11ac-VHT20-High	 Date: 13.MAR.2024 10:15:03
802.11ac-VHT40-Low	 Date: 13.MAR.2024 10:20:45

802.11ac-VHT40-High	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 11.95 dBm •VSW 3 MHz SWT 20 ms 5.306240000 GHz OSW 30.320000000 MHz Temp 1 [T1 OBW] 5.31 dBm 5.291760000 GHz Temp 2 [T1 OBW] 5.32 dBm 5.328080000 GHz Center 5.31 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 10:20:13
802.11ac-VHT80	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 9.33 dBm •VSW 3 MHz SWT 20 ms 5.284240000 GHz OSW 70.840000000 MHz Temp 1 [T1 OBW] 1.87 dBm 5.251920000 GHz Temp 2 [T1 OBW] 1.88 dBm 5.327760000 GHz Center 5.29 GHz 16 MHz/ Span 160 MHz Date: 13.MAR.2024 10:23:30
802.11ax-HE20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 11.39 dBm •VSW 1 MHz SWT 20 ms 5.258800000 GHz OSW 19.000000000 MHz Temp 1 [T1 OBW] 5.61 dBm 5.250500000 GHz Temp 2 [T1 OBW] 5.62 dBm 5.269500000 GHz Center 5.26 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 10:17:15

802.11ax-HE20-Middle	 Date: 13.MAR.2024 10:16:36
802.11ax-HE20-High	 Date: 13.MAR.2024 10:15:59
802.11ax-HE40-Low	 Date: 13.MAR.2024 10:21:31

802.11ax-HE40-High

Ref: 30 dBm Att: 40 dB SWT: 20 ms

Marker 1 [T1] 14.52 dBm

USB 3.120000000 MHz

Temp 1 [T1 OKW] 1.76 dBm

5.290960000 GHz

Temp 2 [T1 OKW] 1.76 dBm

5.328880000 GHz

Center 5.31 GHz 8 MHz/ Span 80 MHz

802.11ax-HE80

Ref: 30 dBm Att: 40 dB SWT: 20 ms

Marker 1 [T1] 11.49 dBm

USB 7.144000000 MHz

Temp 1 [T1 OKW] 6.22 dBm

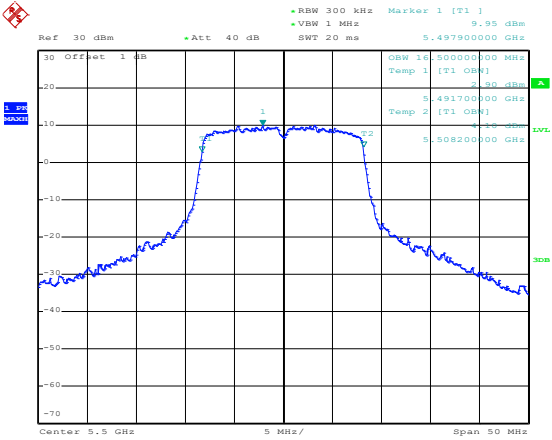
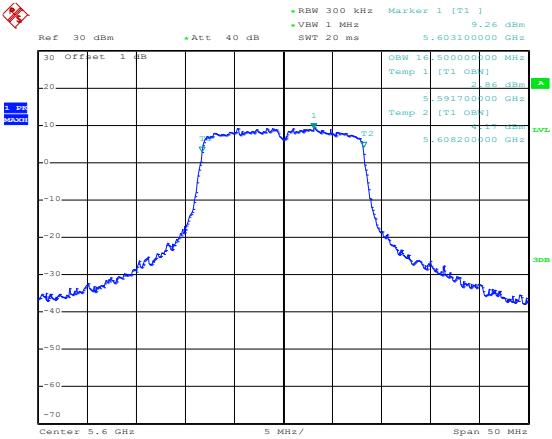
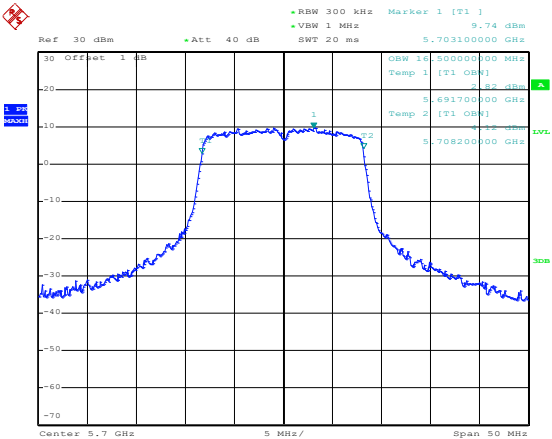
5.251280000 GHz

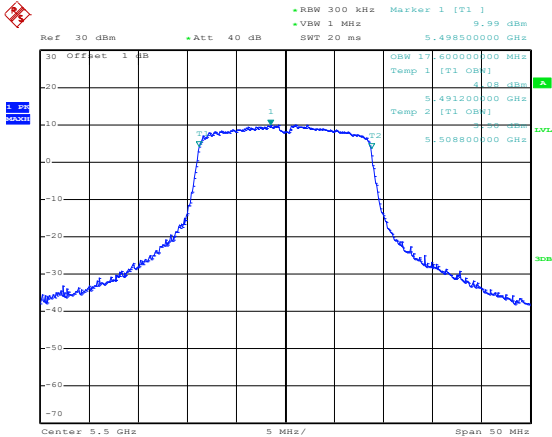
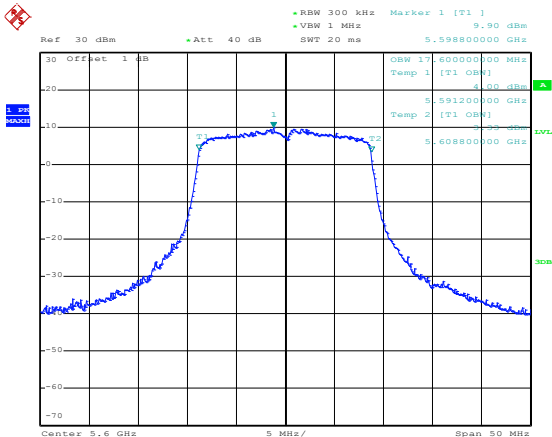
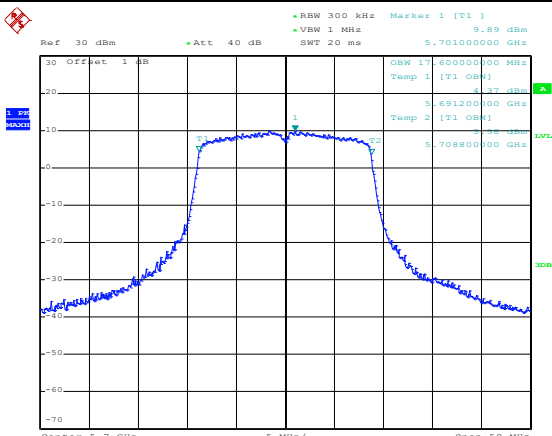
Temp 2 [T1 OKW] 6.22 dBm

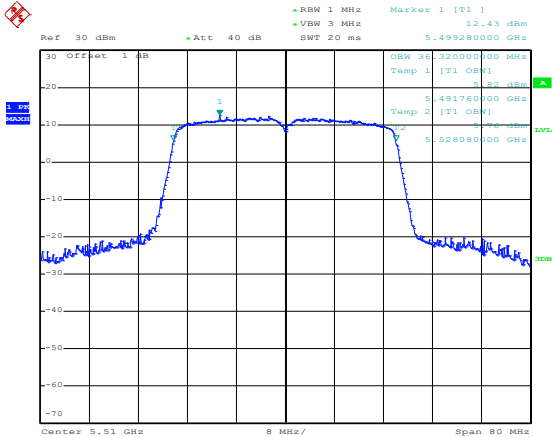
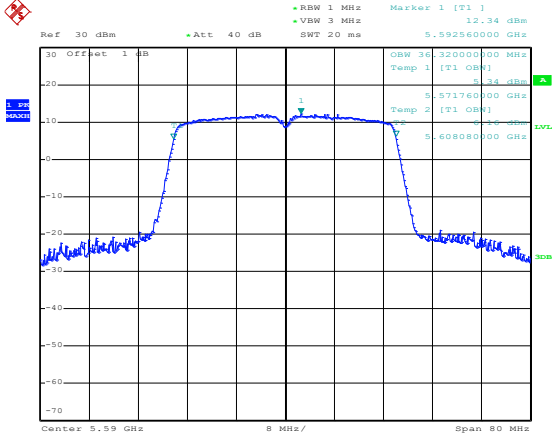
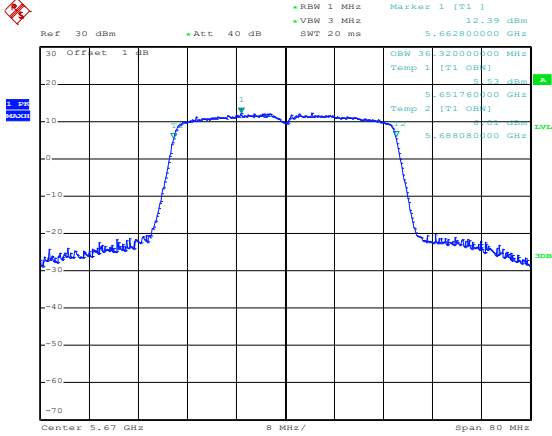
5.328720000 GHz

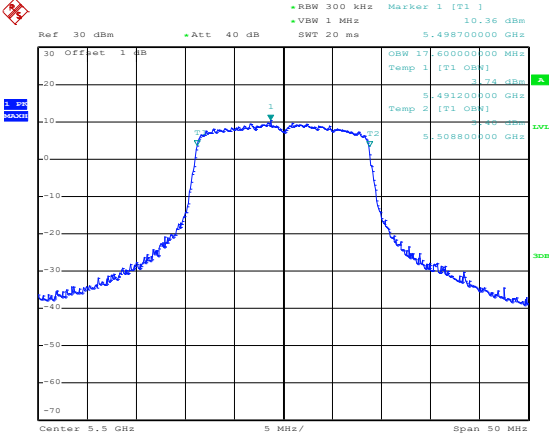
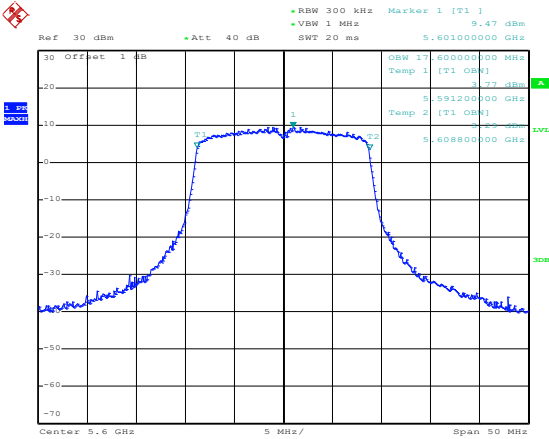
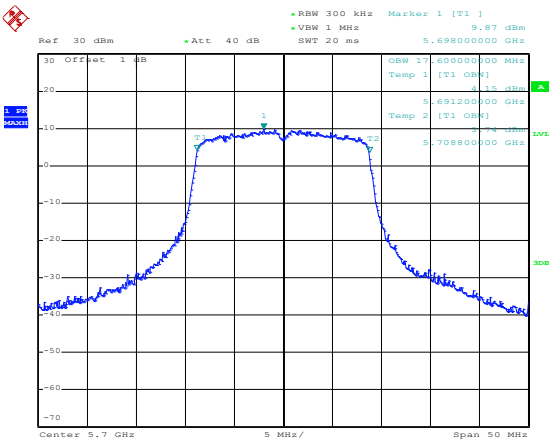
Center 5.29 GHz 16 MHz/ Span 160 MHz

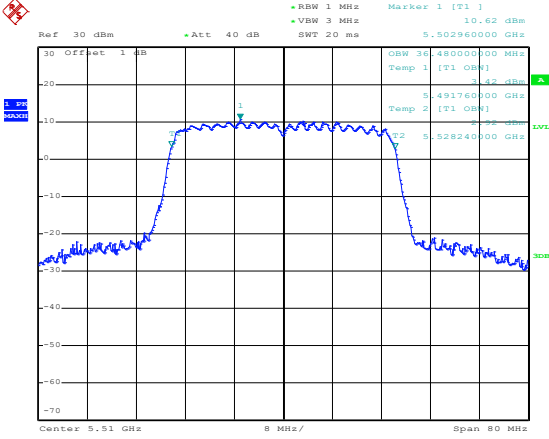
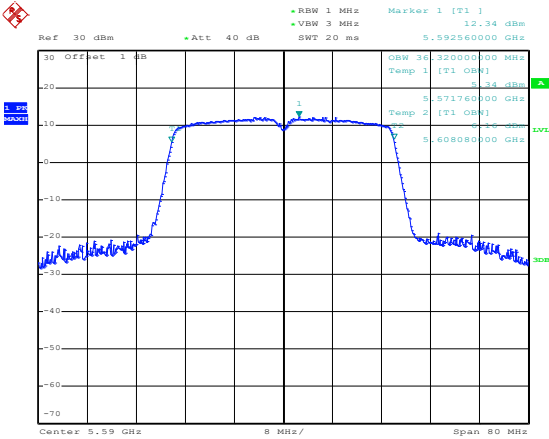
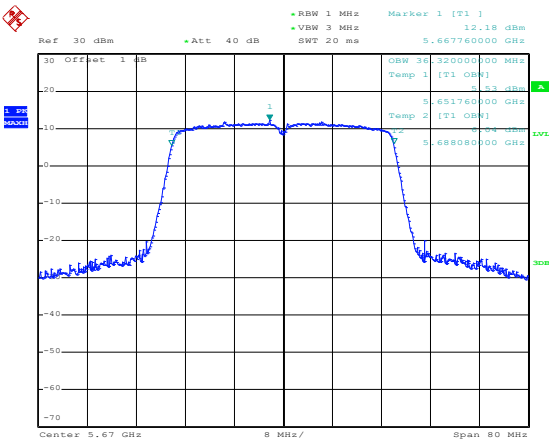
99% BandwidthMHz
5470-5725MHz

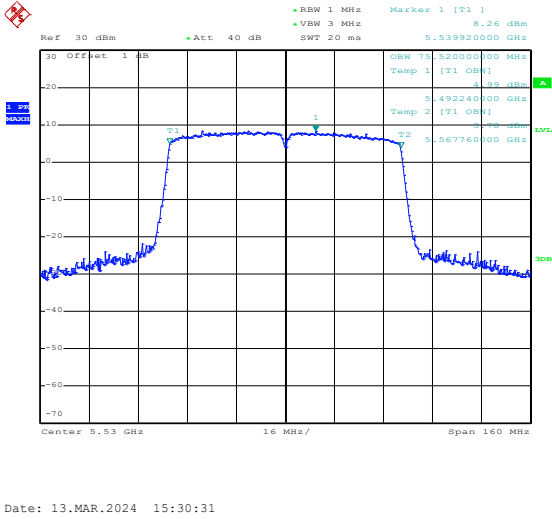
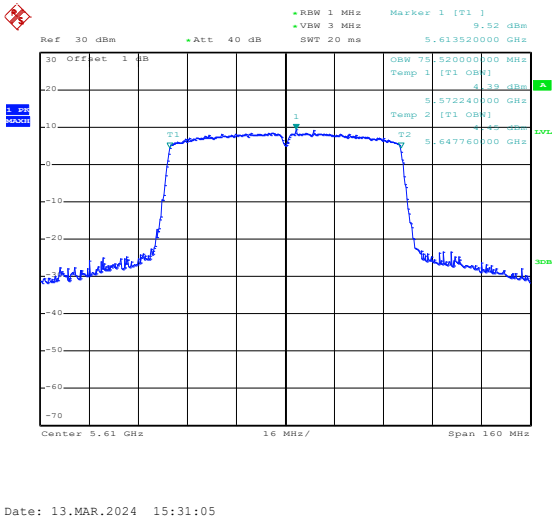
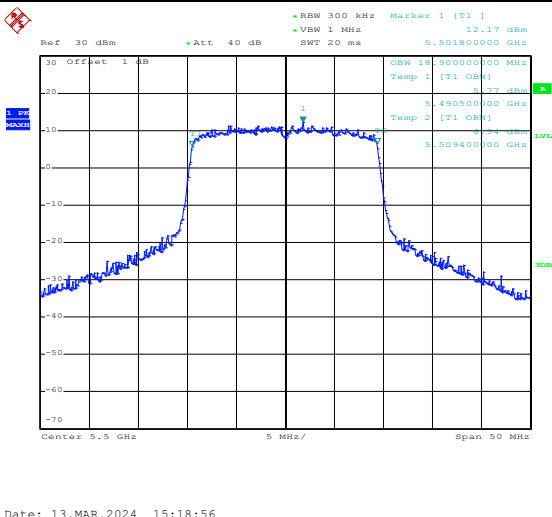
802.11a-Low	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] 9.95 dBm •VBW 1 MHz SWT 20 ms 5.49790000 GHz 30 Offset 1 dB OSW 16.50000000 MHz A Temp 1 [T1 OSW] 2.30 dBm 5.49170000 GHz LVL Temp 2 [T1 OSW] 2.48 dBm 5.50820000 GHz 30B Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:11:00
802.11a-Middle	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] 9.26 dBm •VBW 1 MHz SWT 20 ms 5.60310000 GHz 30 Offset 1 dB OSW 16.50000000 MHz A Temp 1 [T1 OSW] 2.36 dBm 5.59170000 GHz LVL Temp 2 [T1 OSW] 2.42 dBm 5.60820000 GHz 30B Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:12:27
802.11a-High	 Ref 30 dBm •Att 40 dB RBW 300 kHz Marker 1 [T1] 9.74 dBm •VBW 1 MHz SWT 20 ms 5.70310000 GHz 30 Offset 1 dB OSW 16.50000000 MHz A Temp 1 [T1 OSW] 2.82 dBm 5.69170000 GHz LVL Temp 2 [T1 OSW] 2.48 dBm 5.70820000 GHz 30B Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:12:52

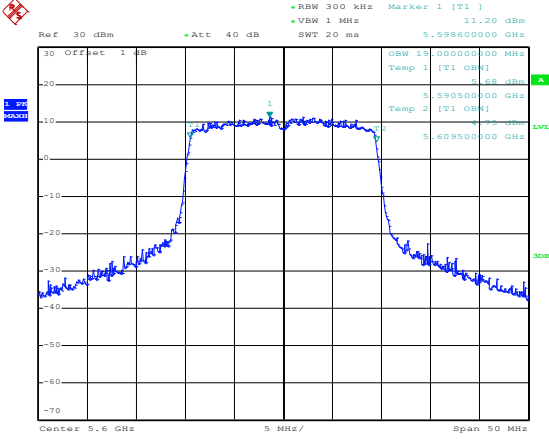
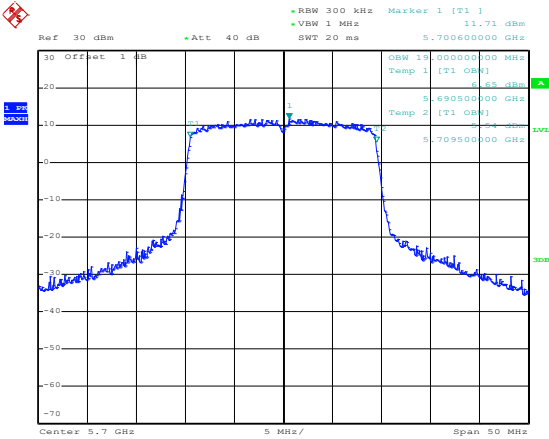
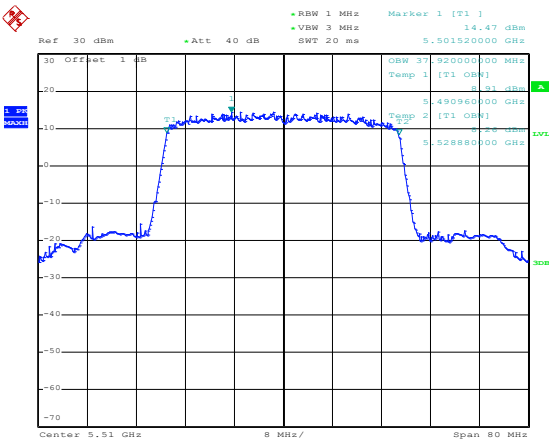
802.11n-HT20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.99 dBm •VSW 1 MHz SWT 20 ms 5.498500000 GHz 30 Offset 1 dB 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:15:23
802.11n-HT20-Middle	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.90 dBm •VSW 1 MHz SWT 20 ms 5.598800000 GHz 30 Offset 1 dB 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:14:10
802.11n-HT20-High	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 9.89 dBm •VSW 1 MHz SWT 20 ms 5.701000000 GHz 30 Offset 1 dB 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:13:39

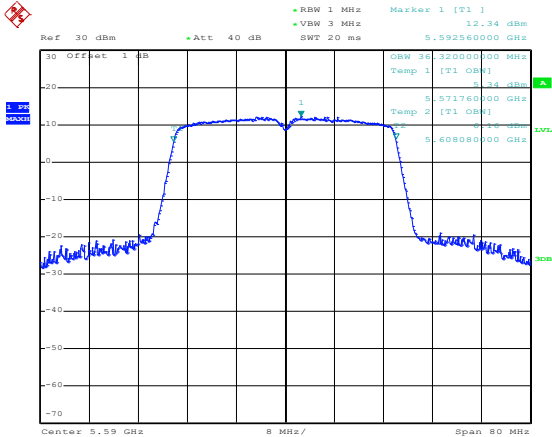
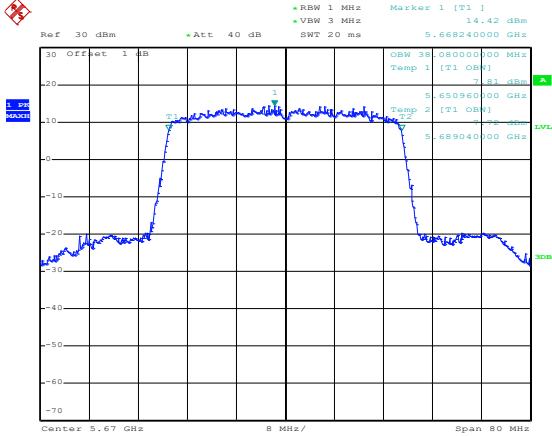
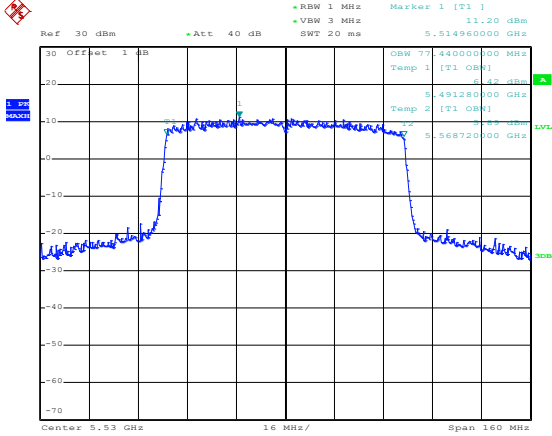
802.11n-HT40-Low	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 12.43 dBm •VSW 3 MHz SWT 20 ms 5.499280000 GHz Obs 30.320000000 MHz Temp 1 [T1] 0dBm 5.482 dBm 5.491760000 GHz Temp 2 [T1] 0dBm 5.528080000 GHz Center 5.51 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 15:19:49
802.11n-HT40-Middle	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 12.34 dBm •VSW 3 MHz SWT 20 ms 5.592560000 GHz Obs 30.320000000 MHz Temp 1 [T1] 0dBm 5.544 dBm 5.571760000 GHz Temp 2 [T1] 0dBm 5.608080000 GHz Center 5.59 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 15:23:23
802.11n-HT40-High	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 12.39 dBm •VSW 3 MHz SWT 20 ms 5.662800000 GHz Obs 30.320000000 MHz Temp 1 [T1] 0dBm 5.553 dBm 5.651760000 GHz Temp 2 [T1] 0dBm 5.688080000 GHz Center 5.67 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 15:21:49

802.11ac-VHT20-Low	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz 10.36 dBm SWT 20 ms 5.498700000 GHz OSW 17.600000000 MHz Temp 1 [T1 OBW] 3.74 dBm 5.491200000 GHz Temp 2 [T1 OBW] 3.48 dBm 5.508800000 GHz Center 5.5 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:16:11
802.11ac-VHT20-Middle	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz 9.47 dBm SWT 20 ms 5.601000000 GHz OSW 17.600000000 MHz Temp 1 [T1 OBW] 3.77 dBm 5.591200000 GHz Temp 2 [T1 OBW] 3.60 dBm 5.608800000 GHz Center 5.6 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:16:39
802.11ac-VHT20-High	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] VSW 1 MHz 9.87 dBm SWT 20 ms 5.698000000 GHz OSW 17.600000000 MHz Temp 1 [T1 OBW] 3.15 dBm 5.691200000 GHz Temp 2 [T1 OBW] 3.14 dBm 5.708800000 GHz Center 5.7 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 15:17:02

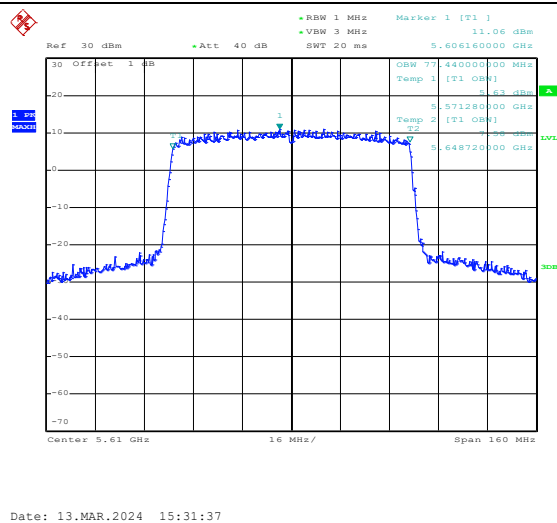
802.11ac-VHT40-Low	 Date: 13.MAR.2024 15:24:21
802.11ac-VHT40-Middle	 Date: 13.MAR.2024 15:23:23
802.11ac-VHT40-High	 Date: 13.MAR.2024 15:27:00

802.11ac-VHT80-Low	 Date: 13.MAR.2024 15:30:31
802.11ac-VHT80-High	 Date: 13.MAR.2024 15:31:05
802.11ax-HE20-Low	 Date: 13.MAR.2024 15:18:56

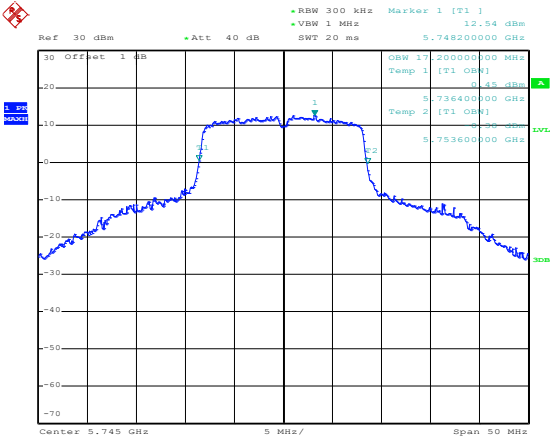
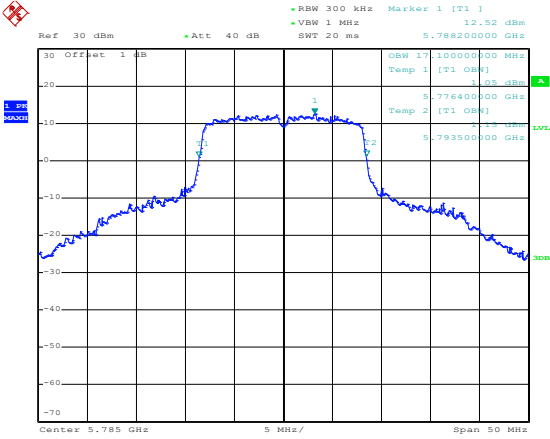
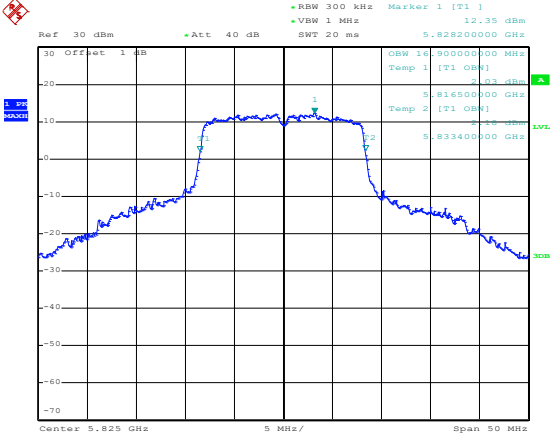
802.11ax-HE20-Middle	 Date: 13.MAR.2024 15:18:27
802.11ax-HE20-High	 Date: 13.MAR.2024 15:17:55
802.11ax-HE40-Low	 Date: 13.MAR.2024 15:29:46

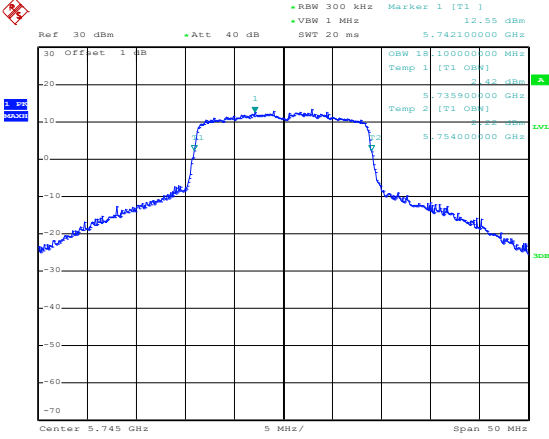
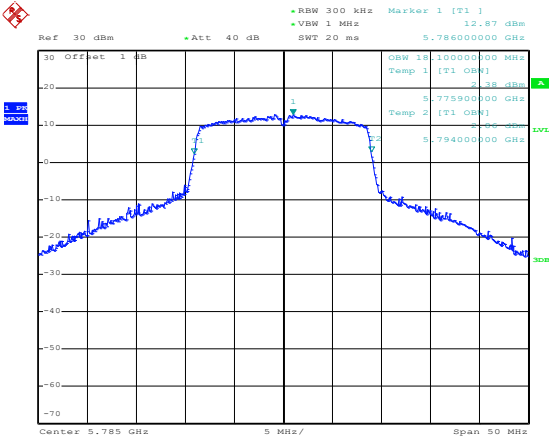
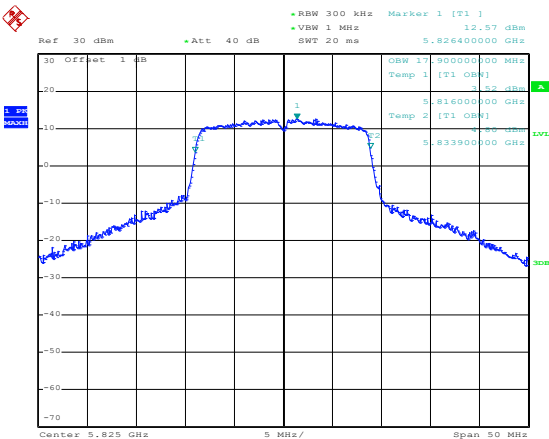
802.11ax-HE40-Middle	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 12.34 dBm •VSW 3 MHz 5.592560000 GHz SWT 20 ms OSW 30.32000000 MHz Temp 1 [T1] OSW] 5.34 dBm 5.571760000 GHz Temp 2 [T1] OSW] 5.18 dBm 5.608080000 GHz Center 5.59 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 15:23:23
802.11ax-HE40-High	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 14.42 dBm •VSW 3 MHz 5.668240000 GHz SWT 20 ms OSW 30.08000000 MHz Temp 1 [T1] OSW] 7.81 dBm 5.650960000 GHz Temp 2 [T1] OSW] 5.18 dBm 5.689040000 GHz Center 5.67 GHz 8 MHz/ Span 80 MHz Date: 13.MAR.2024 15:27:34
802.11ax-HE80-Low	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 11.20 dBm •VSW 3 MHz 5.514960000 GHz SWT 20 ms OSW 77.44000000 MHz Temp 1 [T1] OSW] 5.42 dBm 5.491280000 GHz Temp 2 [T1] OSW] 5.18 dBm 5.568720000 GHz Center 5.53 GHz 16 MHz/ Span 160 MHz Date: 13.MAR.2024 15:32:07

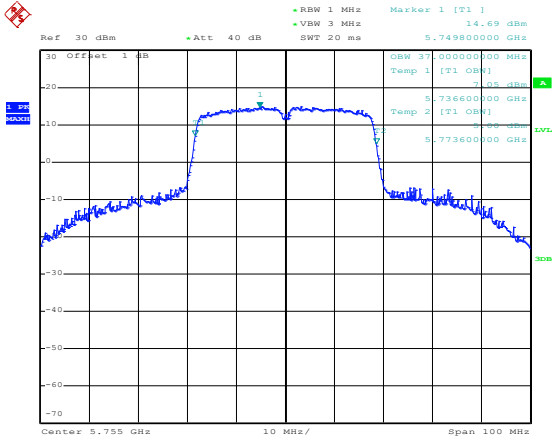
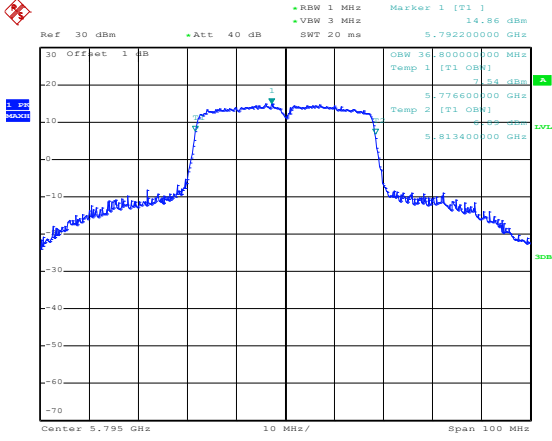
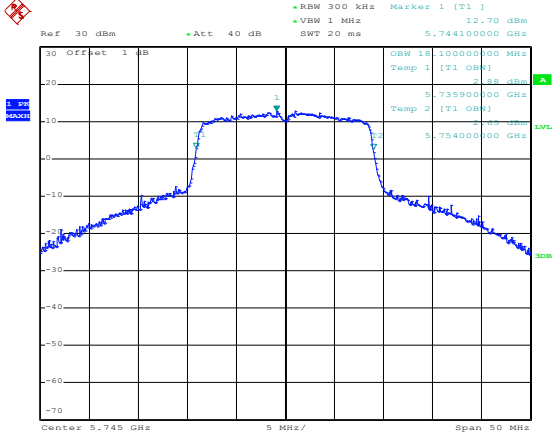
802.11ax-HE80-High

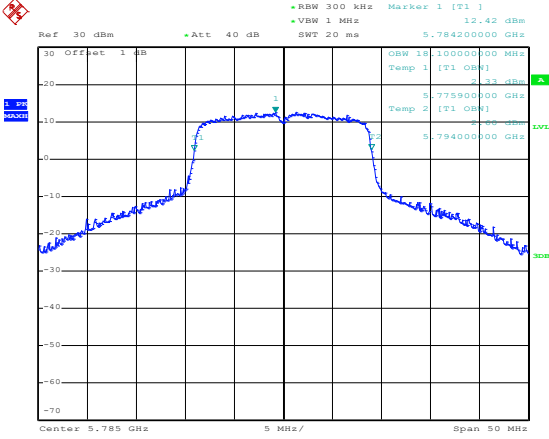
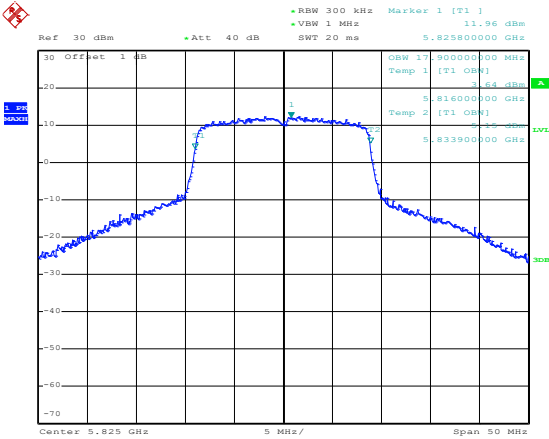
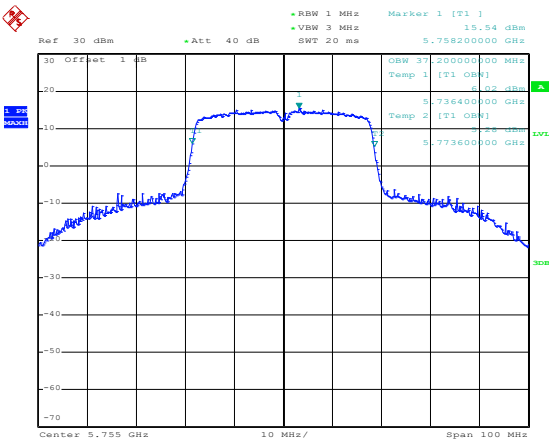


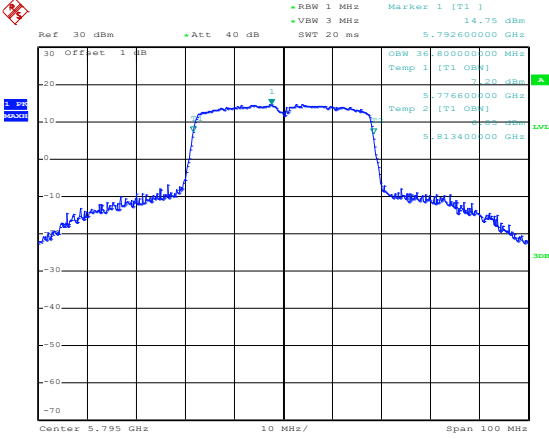
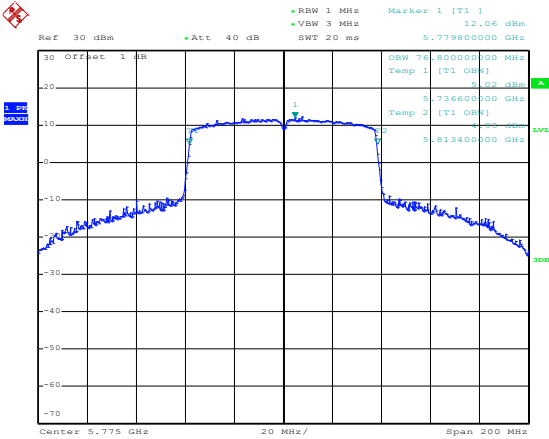
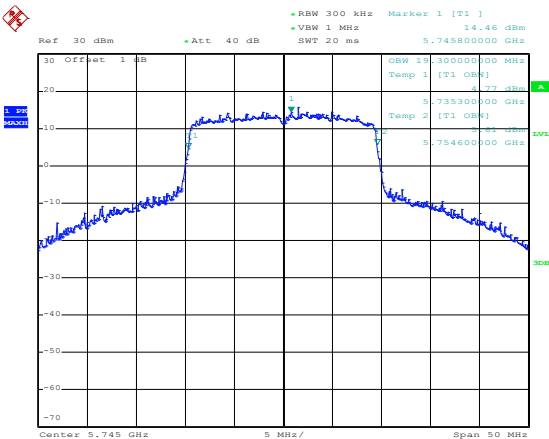
99% BandwidthMHz
5725-5850MHz

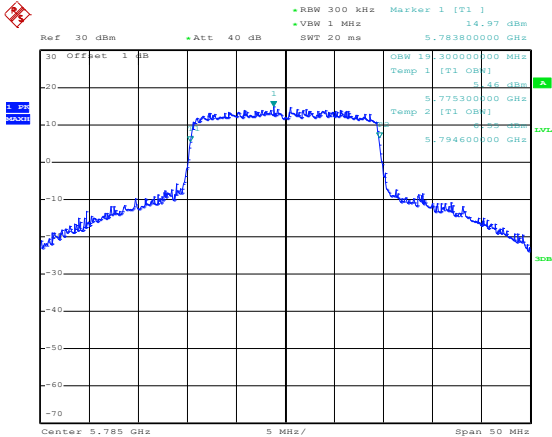
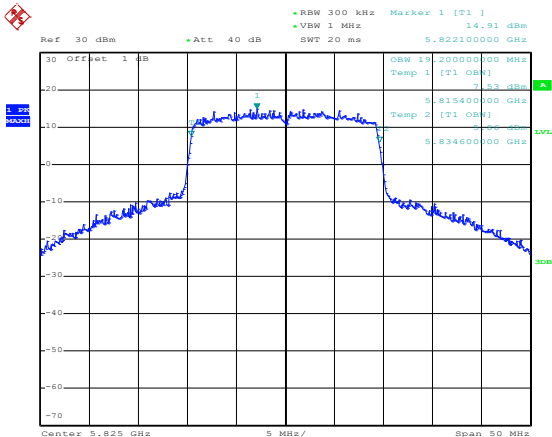
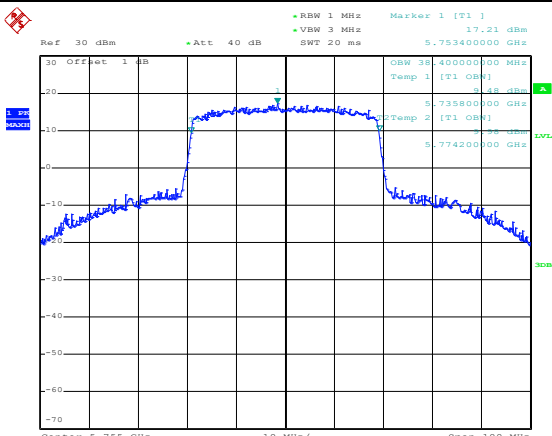
802.11a-Low	 Date: 13.MAR.2024 16:23:10
802.11a-Middle	 Date: 13.MAR.2024 16:23:51
802.11a-High	 Date: 13.MAR.2024 16:24:15

802.11n-HT20-Low	 Ref 30 dBm Att 40 dB RBW 300 kHz VSW 1 MHz SWT 20 ms Marker 1 [T1] 12.55 dBm 5.742100000 GHz OSW 18.100000000 MHz Temp 1 [T1] 12.55 dBm 5.735900000 GHz Temp 2 [T1] 12.55 dBm 5.754000000 GHz Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:25:40
802.11n-HT20-Middle	 Ref 30 dBm Att 40 dB RBW 300 kHz VSW 1 MHz SWT 20 ms Marker 1 [T1] 12.87 dBm 5.786000000 GHz OSW 18.100000000 MHz Temp 1 [T1] 12.87 dBm 5.775900000 GHz Temp 2 [T1] 12.87 dBm 5.794000000 GHz Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:25:15
802.11n-HT20-High	 Ref 30 dBm Att 40 dB RBW 300 kHz VSW 1 MHz SWT 20 ms Marker 1 [T1] 12.57 dBm 5.826400000 GHz OSW 17.900000000 MHz Temp 1 [T1] 12.57 dBm 5.816000000 GHz Temp 2 [T1] 12.57 dBm 5.833900000 GHz Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:24:46

802.11n-HT40-Low	 Ref 30 dBm Att 40 dB Offset 1 dB Marker 1 [T1] 14.69 dBm RBW 1 MHz VSW 3 MHz SWT 20 ms Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 16:30:49
802.11n-HT40-High	 Ref 30 dBm Att 40 dB Offset 1 dB Marker 1 [T1] 14.86 dBm RBW 1 MHz VSW 3 MHz SWT 20 ms Center 5.795 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 16:31:17
802.11ac-VHT20-Low	 Ref 30 dBm Att 40 dB Offset 1 dB Marker 1 [T1] 12.70 dBm RBW 300 kHz VSW 1 MHz SWT 20 ms Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:26:10

802.11ac-VHT20-Middle	 Ref 30 dBm Att 40 dB RBW 300 kHz VSW 1 MHz SWT 20 ms Marker 1 [T1] 12.42 dBm 5.784200000 GHz OSW 10.00000000 MHz Temp 1 [T1] 12.42 dBm 5.775900000 GHz Temp 2 [T1] 12.42 dBm 5.794000000 GHz Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:26:34
802.11ac-VHT20-High	 Ref 30 dBm Att 40 dB RBW 300 kHz VSW 1 MHz SWT 20 ms Marker 1 [T1] 11.96 dBm 5.825800000 GHz OSW 10.00000000 MHz Temp 1 [T1] 11.96 dBm 5.816000000 GHz Temp 2 [T1] 11.96 dBm 5.833900000 GHz Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:27:00
802.11ac-VHT40-Low	 Ref 30 dBm Att 40 dB RBW 1 MHz VSW 3 MHz SWT 20 ms Marker 1 [T1] 15.54 dBm 5.758200000 GHz OSW 30.00000000 MHz Temp 1 [T1] 15.54 dBm 5.736400000 GHz Temp 2 [T1] 15.54 dBm 5.773600000 GHz Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 16:32:41

802.11ac-VHT40-High	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 14.75 dBm •VSW 3 MHz 5.792600000 GHz SWT 20 ms OSW 30.800000000 MHz Temp 1 [T1 OBW] 1.20 dBm 5.776600000 GHz Temp 2 [T1 OBW] 1.20 dBm 5.813400000 GHz Center 5.795 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 16:32:04
802.11ac-VHT80	 Ref 30 dBm •Att 40 dB •RBW 1 MHz Marker 1 [T1] 12.06 dBm •VSW 3 MHz 5.779800000 GHz SWT 20 ms OSW 76.800000000 MHz Temp 1 [T1 OBW] 1.02 dBm 5.736600000 GHz Temp 2 [T1 OBW] 1.02 dBm 5.813400000 GHz Center 5.775 GHz 20 MHz/ Span 200 MHz Date: 13.MAR.2024 16:51:39
802.11ax-HE20-Low	 Ref 30 dBm •Att 40 dB •RBW 300 kHz Marker 1 [T1] 14.46 dBm •VSW 1 MHz 5.745800000 GHz SWT 20 ms OSW 19.300000000 MHz Temp 1 [T1 OBW] 1.77 dBm 5.735300000 GHz Temp 2 [T1 OBW] 1.77 dBm 5.754600000 GHz Center 5.745 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:28:37

802.11ax-HE20-Middle	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] 14.97 dBm VSW 1 MHz SWT 20 ms 5.783800000 GHz OSW 15.300000000 MHz Temp 1 [T1] OSW] 5.46 dBm 5.775300000 GHz Temp 2 [T1] OSW] 5.55 dBm 5.794600000 GHz Center 5.785 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:28:00
802.11ax-HE20-High	 Ref 30 dBm +Att 40 dB RBW 300 kHz Marker 1 [T1] 14.91 dBm VSW 1 MHz SWT 20 ms 5.822100000 GHz OSW 15.200000000 MHz Temp 1 [T1] OSW] 7.63 dBm 5.815400000 GHz Temp 2 [T1] OSW] 5.50 dBm 5.834600000 GHz Center 5.825 GHz 5 MHz/ Span 50 MHz Date: 13.MAR.2024 16:27:31
802.11ax-HE40-Low	 Ref 30 dBm +Att 40 dB RBW 1 MHz Marker 1 [T1] 17.21 dBm VSW 3 MHz SWT 20 ms 5.753400000 GHz OSW 38.400000000 MHz Temp 1 [T1] OSW] 5.48 dBm 5.735800000 GHz Temp 2 [T1] OSW] 5.48 dBm 5.774200000 GHz Center 5.755 GHz 10 MHz/ Span 100 MHz Date: 13.MAR.2024 16:33:29

802.11ax-HE40-High

This spectrum plot displays the power spectral density for the 802.11ax-HE40-High channel. The x-axis represents frequency from 5.795 GHz to 5.815 GHz, centered at 5.795 GHz with a 10 MHz resolution bandwidth. The y-axis shows power levels from -70 dBm to 30 dBm. A blue trace indicates the signal, which rises sharply from approximately -15 dBm at 5.795 GHz to about +15 dBm between 5.800 GHz and 5.810 GHz, before falling back to -15 dBm. Key parameters include a reference level of 30 dBm, attenuation of 40 dB, and a sweep time of 20 ms. Two temperature markers are present: Temp 1 at 5.775800000 GHz (-10.06 dBm) and Temp 2 at 5.775800000 GHz (-10.06 dBm). The plot also shows a marker at 5.793400000 GHz (17.43 dBm).

Date: 13.MAR.2024 16:35:45

802.11ax-HE80

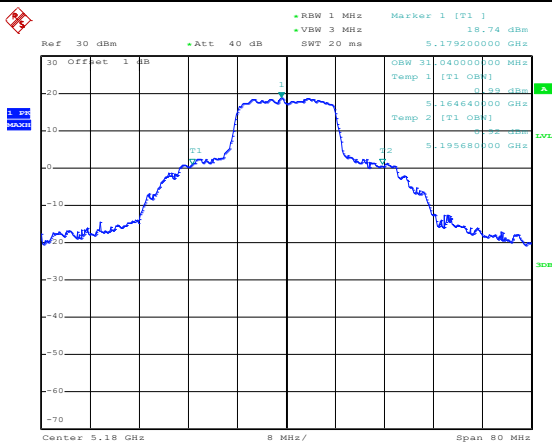
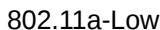
This spectrum plot displays the power spectral density for the 802.11ax-HE80 channel. The x-axis represents frequency from 5.775 GHz to 5.795 GHz, centered at 5.775 GHz with a 20 MHz resolution bandwidth. The y-axis shows power levels from -70 dBm to 30 dBm. A blue trace indicates the signal, which rises sharply from approximately -15 dBm at 5.775 GHz to about +15 dBm between 5.780 GHz and 5.790 GHz, before falling back to -15 dBm. Key parameters include a reference level of 30 dBm, attenuation of 40 dB, and a sweep time of 20 ms. Two temperature markers are present: Temp 1 at 5.735800000 GHz (-10.06 dBm) and Temp 2 at 5.735800000 GHz (-10.06 dBm). The plot also shows a marker at 5.786600000 GHz (14.43 dBm).

Date: 13.MAR.2024 16:52:23

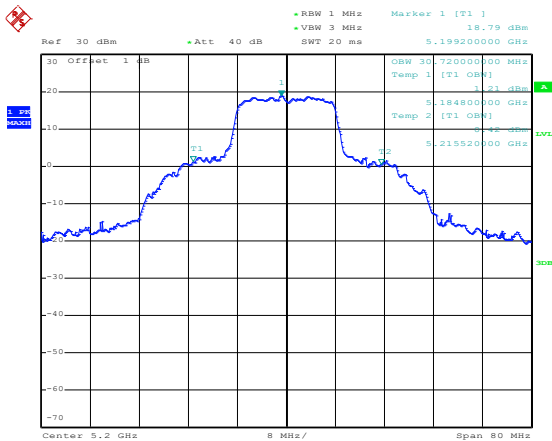
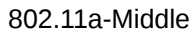
ANT 2

99% BandwidthMHz

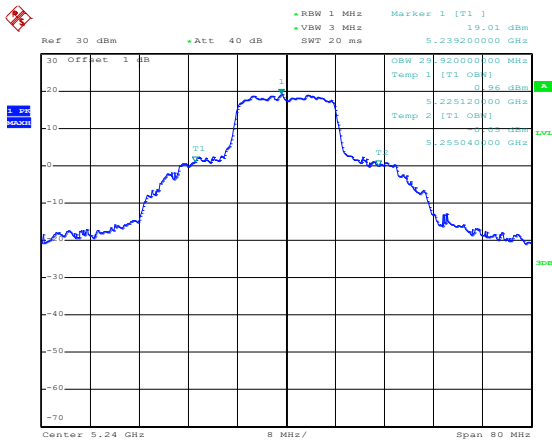
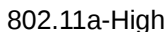
5150-5250MHz



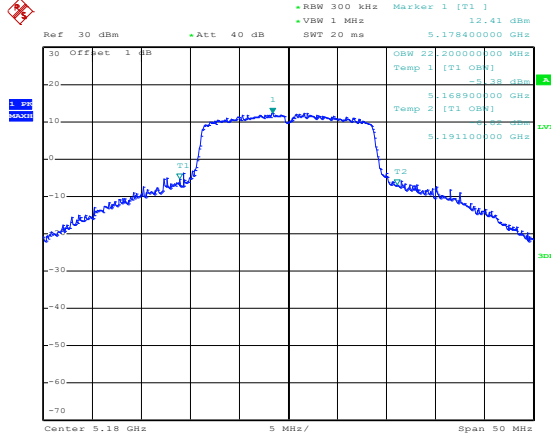
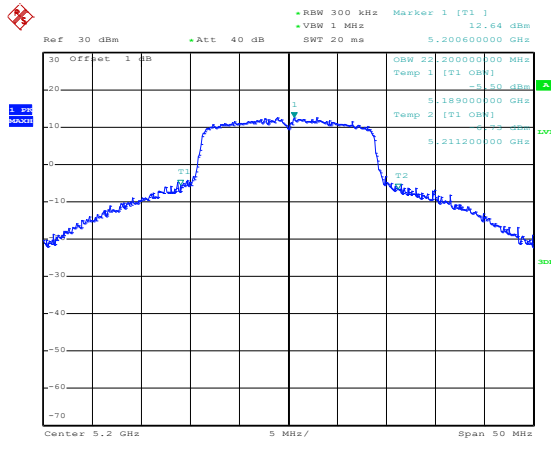
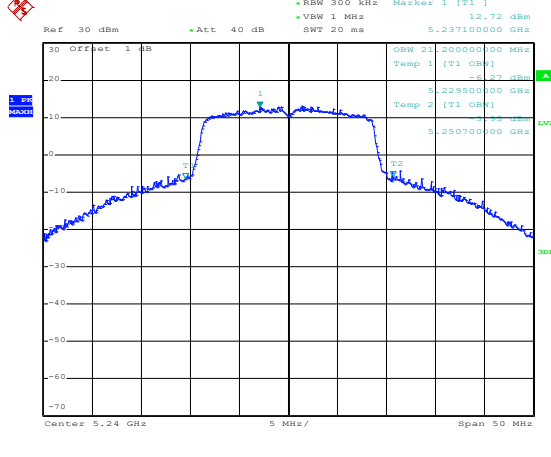
Date: 13.MAR.2024 18:57:25



Date: 13.MAR.2024 18:58:09



Date: 13.MAR.2024 18:58:39

Channel	Plot	Ref	Att	RBW	VBW	SWT	Marker 1 [T1]	Marker 1 [T1]	Marker 1 [T1]
802.11n-HT20-Low		30 dBm	40 dB	300 kHz	1 MHz	20 ms	12.41 dBm	5.178400000 GHz	5.178400000 GHz
802.11n-HT20-Middle		30 dBm	40 dB	300 kHz	1 MHz	20 ms	12.64 dBm	5.200400000 GHz	5.200400000 GHz
802.11n-HT20-High		30 dBm	40 dB	300 kHz	1 MHz	20 ms	12.72 dBm	5.237100000 GHz	5.237100000 GHz