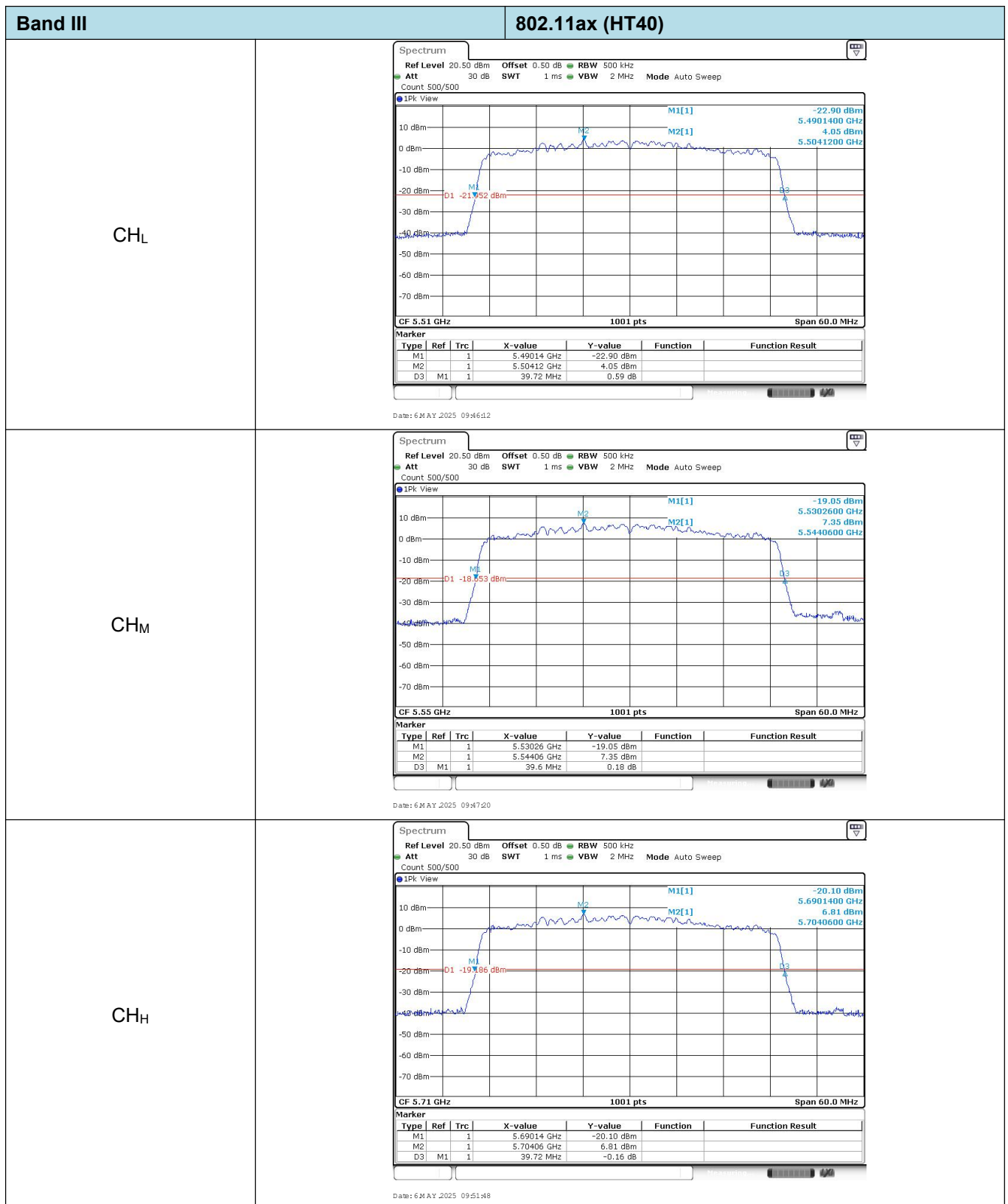
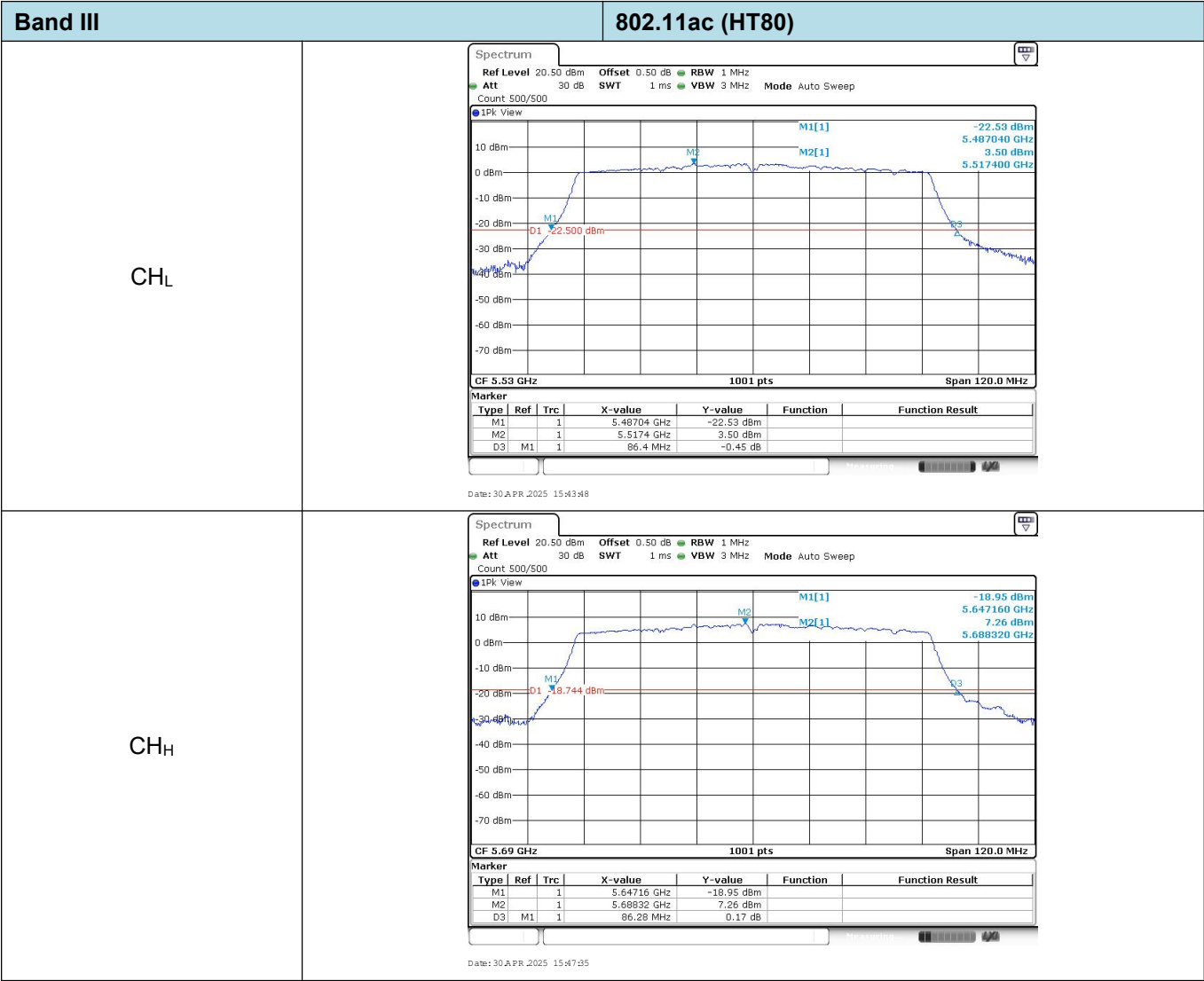
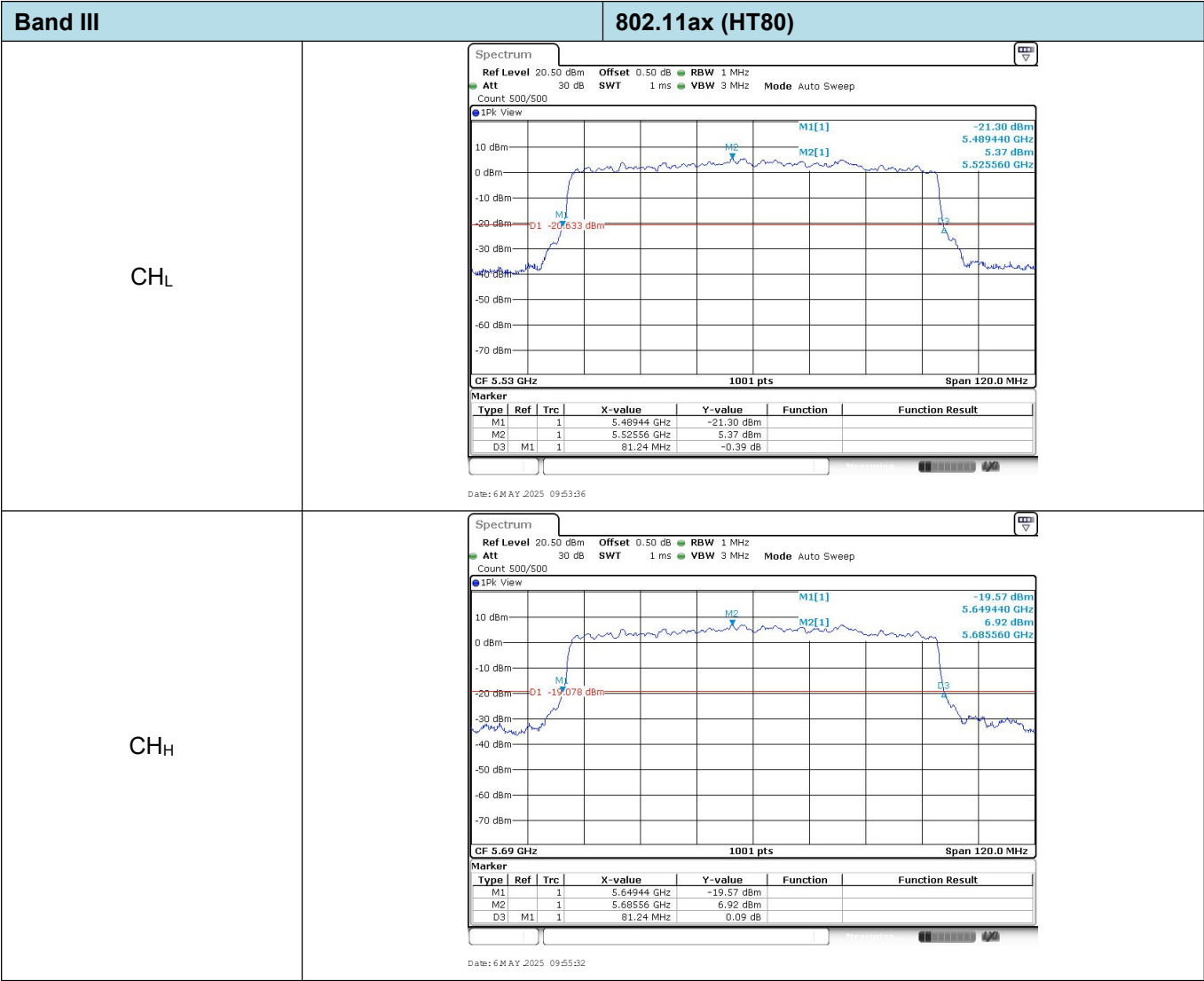








Appendix D 99% Occupancy bandwidth

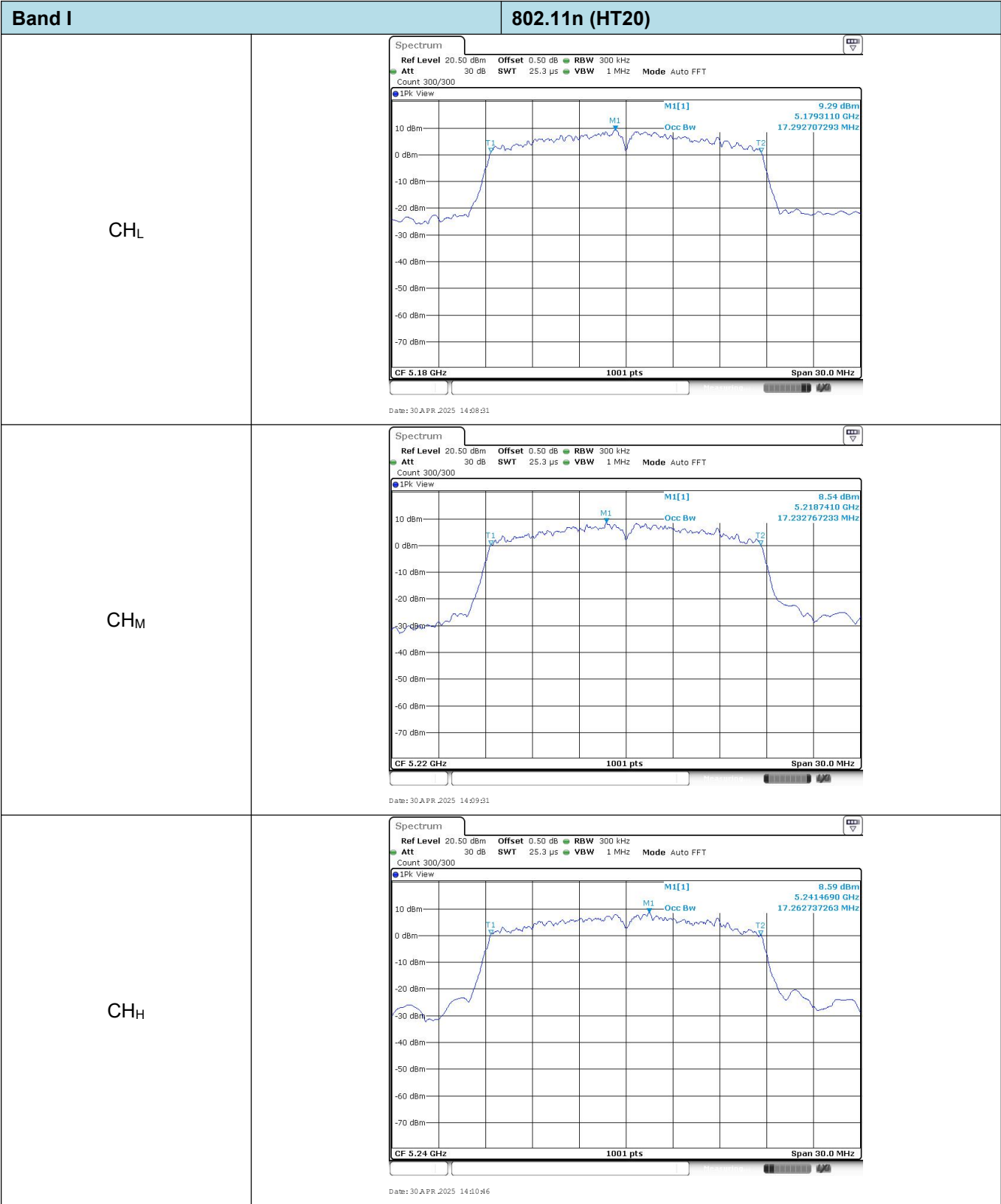
Band	Bandwidth (MHz)	Type	Channel	99% Occupancy bandwidth (MHz)	Result
I	20	802.11ac	CH _L	17.32	Pass
			CH _M	17.26	
			CH _H	17.23	
		802.11n	CH _L	17.29	Pass
			CH _M	17.23	
			CH _H	17.26	
		802.11a	CH _L	16.21	Pass
			CH _M	16.15	
			CH _H	16.09	
		802.11ax	CH _L	18.61	Pass
			CH _M	18.64	
			CH _H	18.70	
	40	802.11ac	CH _L	35.49	Pass
			CH _H	35.49	
		802.11n	CH _L	35.49	Pass
			CH _H	35.42	
		802.11ax	CH _L	36.98	Pass
			CH _H	36.92	
	80	802.11ac	CH _M	75.52	Pass
		802.11ax	CH _M	76.84	Pass
II	20	802.11ac	CH _L	17.20	Pass
			CH _M	17.23	
			CH _H	17.23	
		802.11n	CH _L	17.20	Pass
			CH _M	17.23	
			CH _H	17.23	
		802.11a	CH _L	16.09	Pass
			CH _M	16.15	
			CH _H	16.09	
		802.11ax	CH _L	18.64	Pass
			CH _M	18.64	
			CH _H	18.64	
	40	802.11ac	CH _L	35.49	Pass
			CH _H	35.54	
		802.11n	CH _L	35.42	Pass
			CH _H	35.42	
		802.11ax	CH _L	36.92	Pass
			CH _H	36.92	

	80	802.11ac	CH _M	75.52	Pass
		802.11ax	CH _M	76.96	Pass

Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
III	20	802.11ac	CH _L	17.32	Pass
			CH _M	17.26	
			CH _H	17.26	
		802.11n	CH _L	17.20	Pass
			CH _M	17.20	
			CH _H	17.23	
		802.11a	CH _L	16.12	Pass
			CH _M	16.18	
			CH _H	16.09	
		802.11ax	CH _L	18.52	Pass
			CH _M	18.61	
			CH _H	18.52	
	40	802.11ac	CH _L	35.49	Pass
			CH _M	35.54	
			CH _H	35.49	
		802.11n	CH _L	35.42	Pass
			CH _M	35.49	
			CH _H	35.49	
		802.11ax	CH _L	36.98	Pass
			CH _M	36.92	
			CH _H	36.92	
	80	802.11ac	CH _L	75.52	Pass
			CH _H	75.52	
		802.11ax	CH _L	77.08	Pass
			CH _H	76.96	

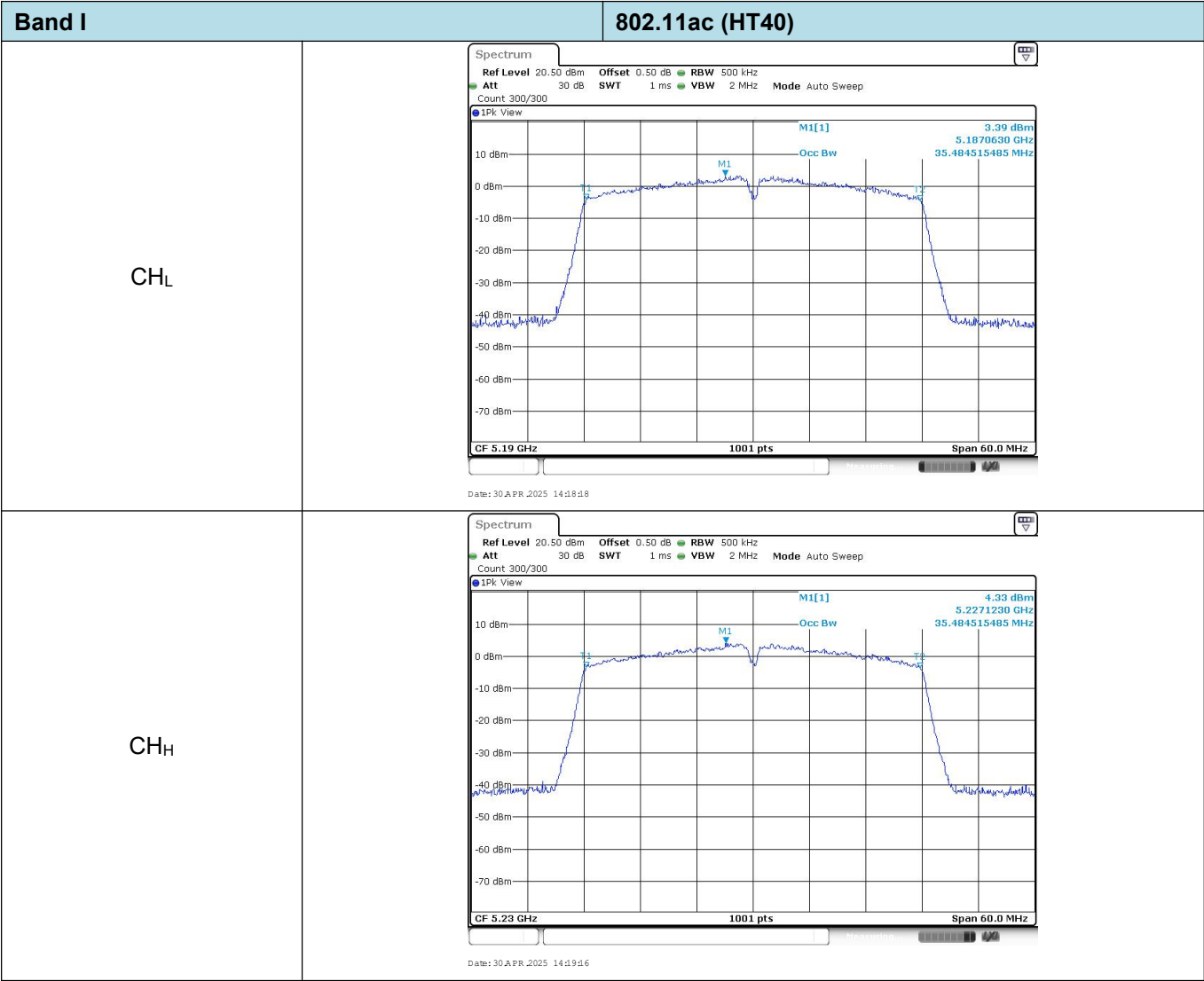
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	17.35	Pass
			CH _M	17.26	
			CH _H	17.17	
		802.11n	CH _L	17.26	Pass
			CH _M	17.23	
			CH _H	17.23	
		802.11a	CH _L	16.15	Pass
			CH _M	16.15	
			CH _H	16.12	
		802.11ax	CH _L	18.64	Pass
			CH _M	18.55	
			CH _H	18.64	
	40	802.11ac	CH _L	35.54	Pass
			CH _H	35.49	
		802.11n	CH _L	35.43	Pass
			CH _H	35.51	
		802.11ax	CH _L	36.92	Pass
			CH _H	36.98	
	80	802.11ac	CH _M	75.52	Pass
		802.11ax	CH _M	76.96	Pass

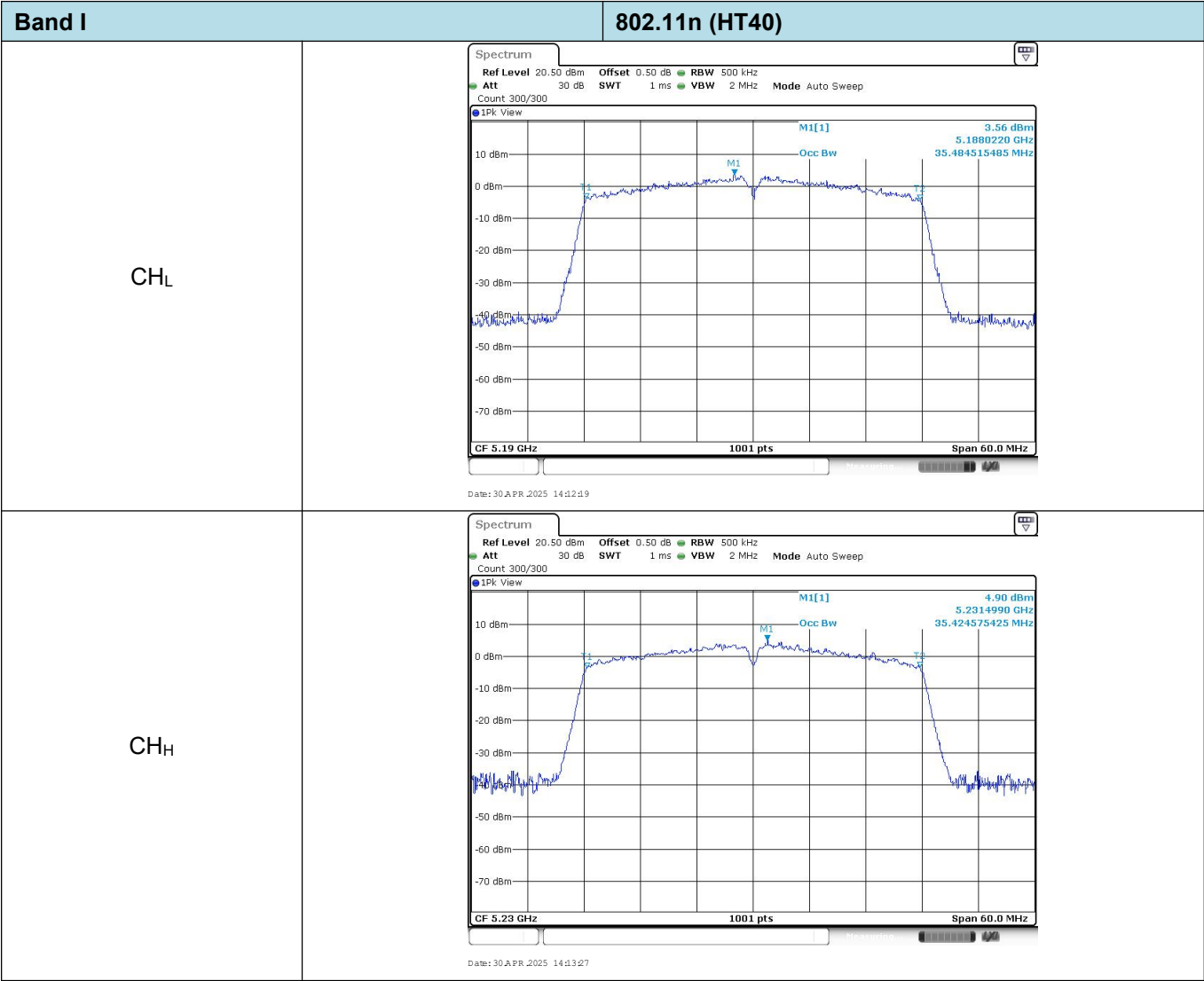
Band I		802.11ac (HT20)	
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] Occ Bw T2 9.30 dBm 5.1787410 GHz 17.322677323 MHz CF 5.18 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 14:15:10		
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] Occ Bw T2 8.89 dBm 5.2210190 GHz 17.262737263 MHz CF 5.22 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 14:16:05		
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] Occ Bw T2 8.52 dBm 5.2409890 GHz 17.232767233 MHz CF 5.24 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 14:17:10		



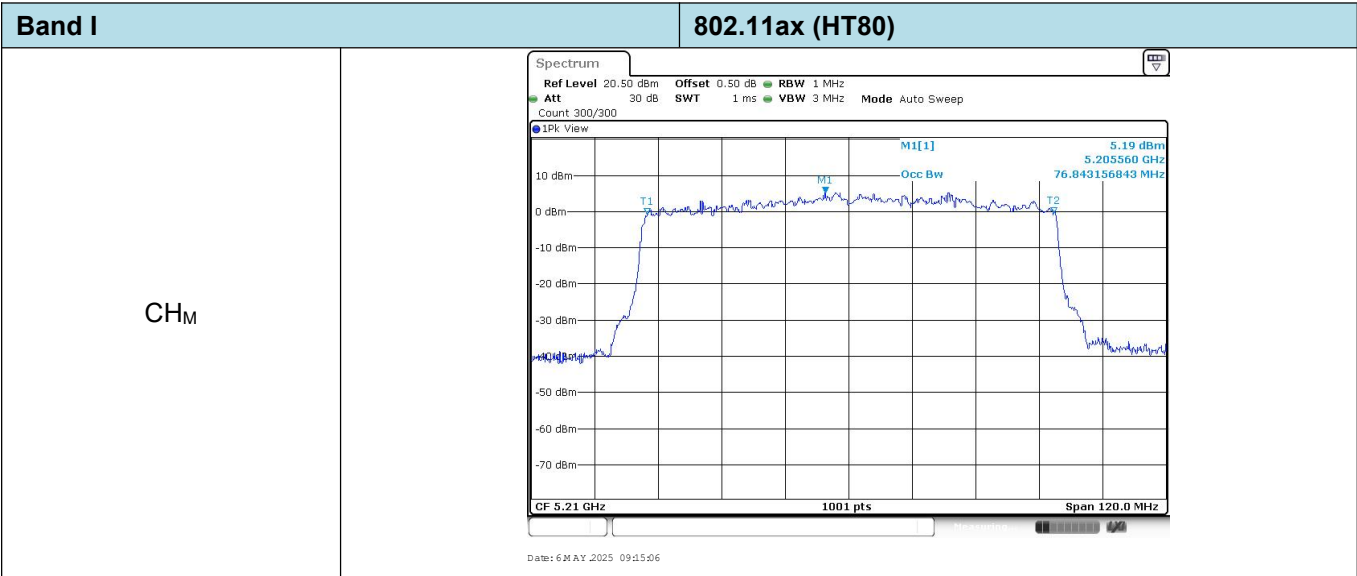
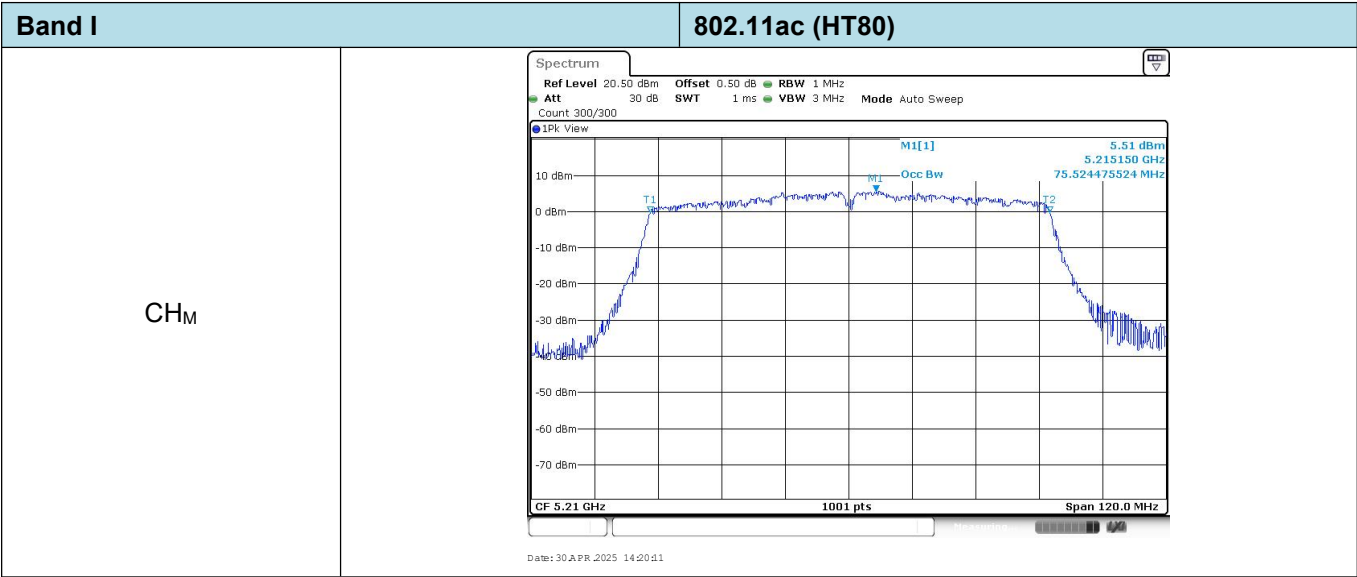
Band I	802.11a
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT Count 300/300 IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] X Occ Bw T2 10.69 dBm 5.1821280 GHz 16.213786214 MHz CF 5.18 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 13:57:18
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT Count 300/300 IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] X Occ Bw T2 9.55 dBm 5.2220980 GHz 16.153846154 MHz CF 5.22 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 13:58:31
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT Count 300/300 IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] X Occ Bw T2 9.01 dBm 5.2420980 GHz 16.093906094 MHz CF 5.24 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 14:02:24

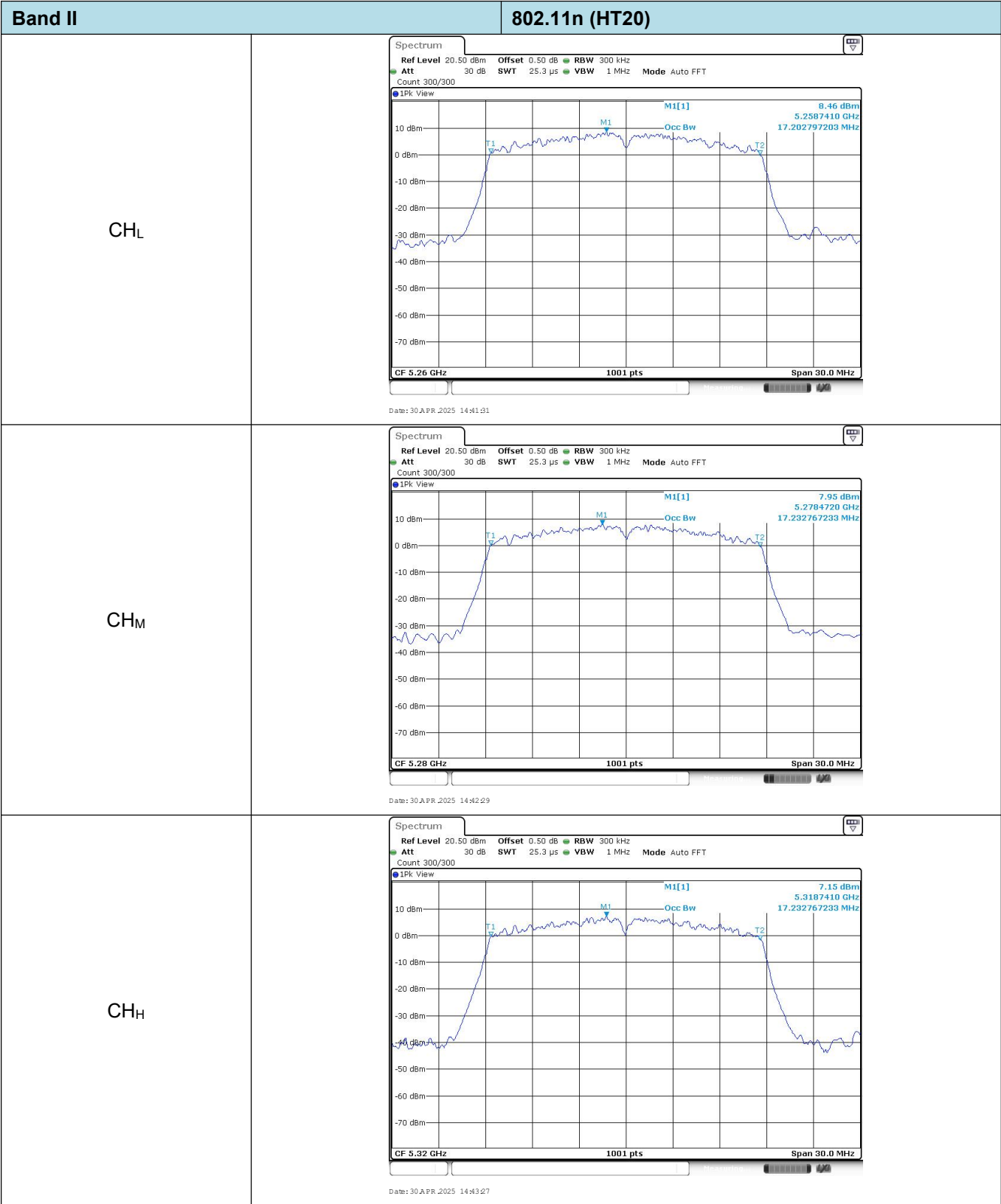
Band I		802.11ax (HT20)
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 10.35 dBm 5.1804200 GHz 18.611388611 MHz CF 5.18 GHz 1001 pts Span 30.0 MHz Date: 6 MAY 2025 09:09:35	
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 9.24 dBm 5.2196100 GHz 18.641358641 MHz CF 5.22 GHz 1001 pts Span 30.0 MHz Date: 6 MAY 2025 09:10:41	
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 9.10 dBm 5.2383220 GHz 18.701298701 MHz CF 5.24 GHz 1001 pts Span 30.0 MHz Date: 6 MAY 2025 09:11:45	

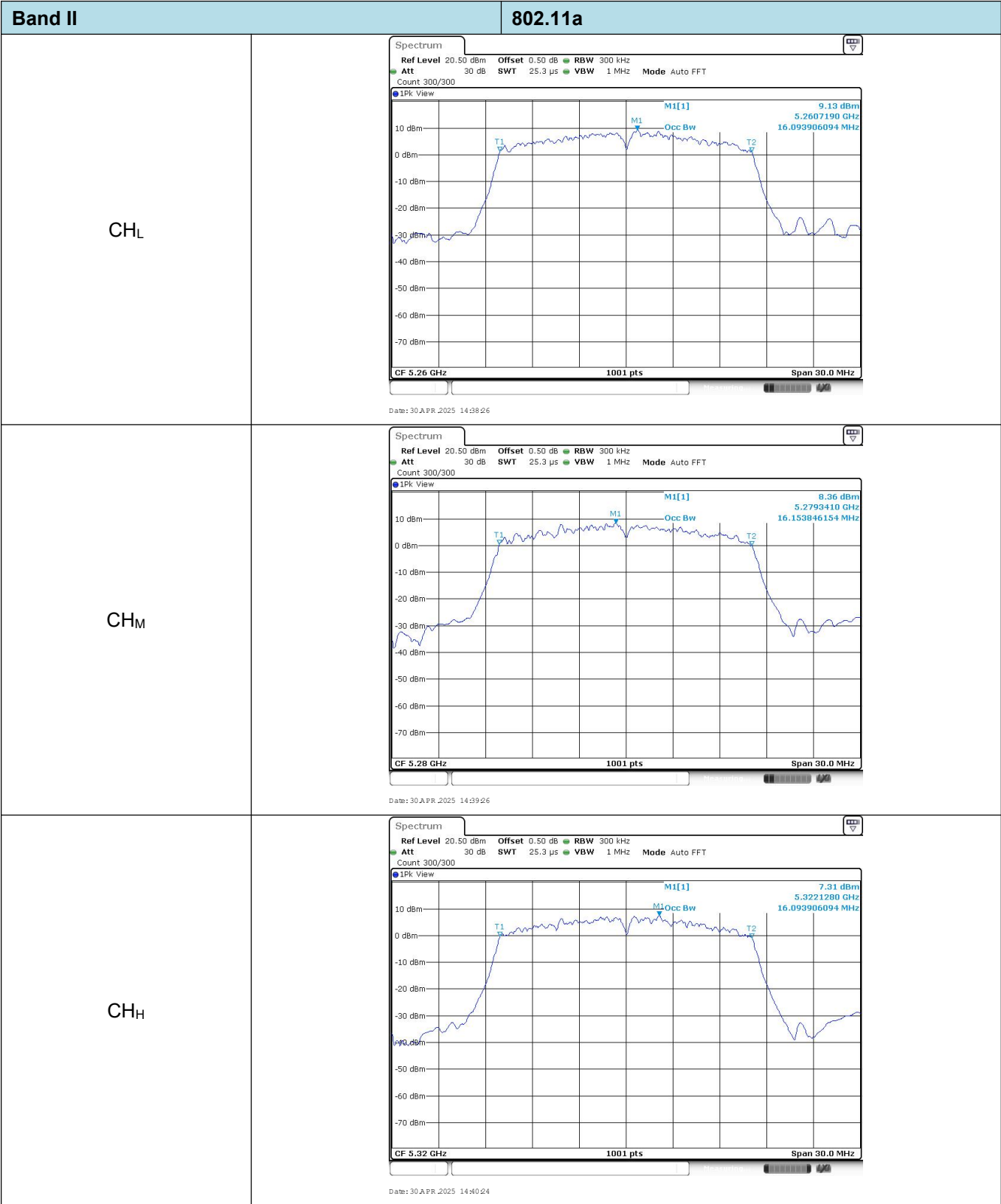


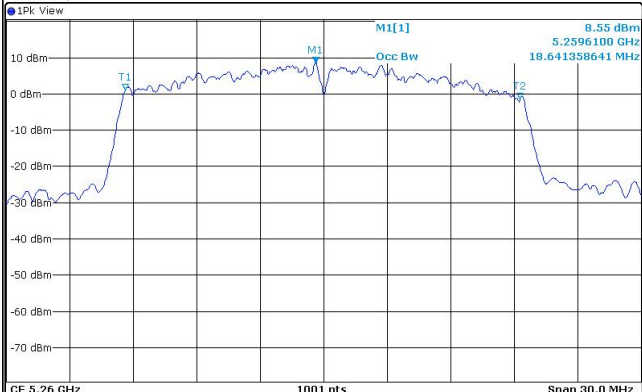
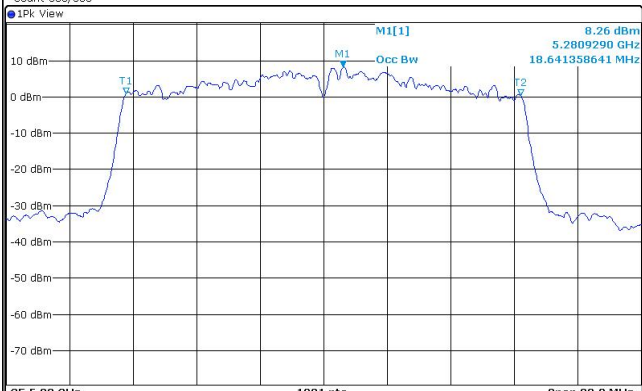
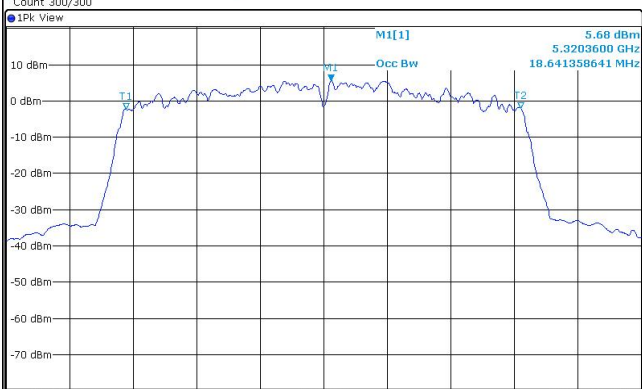


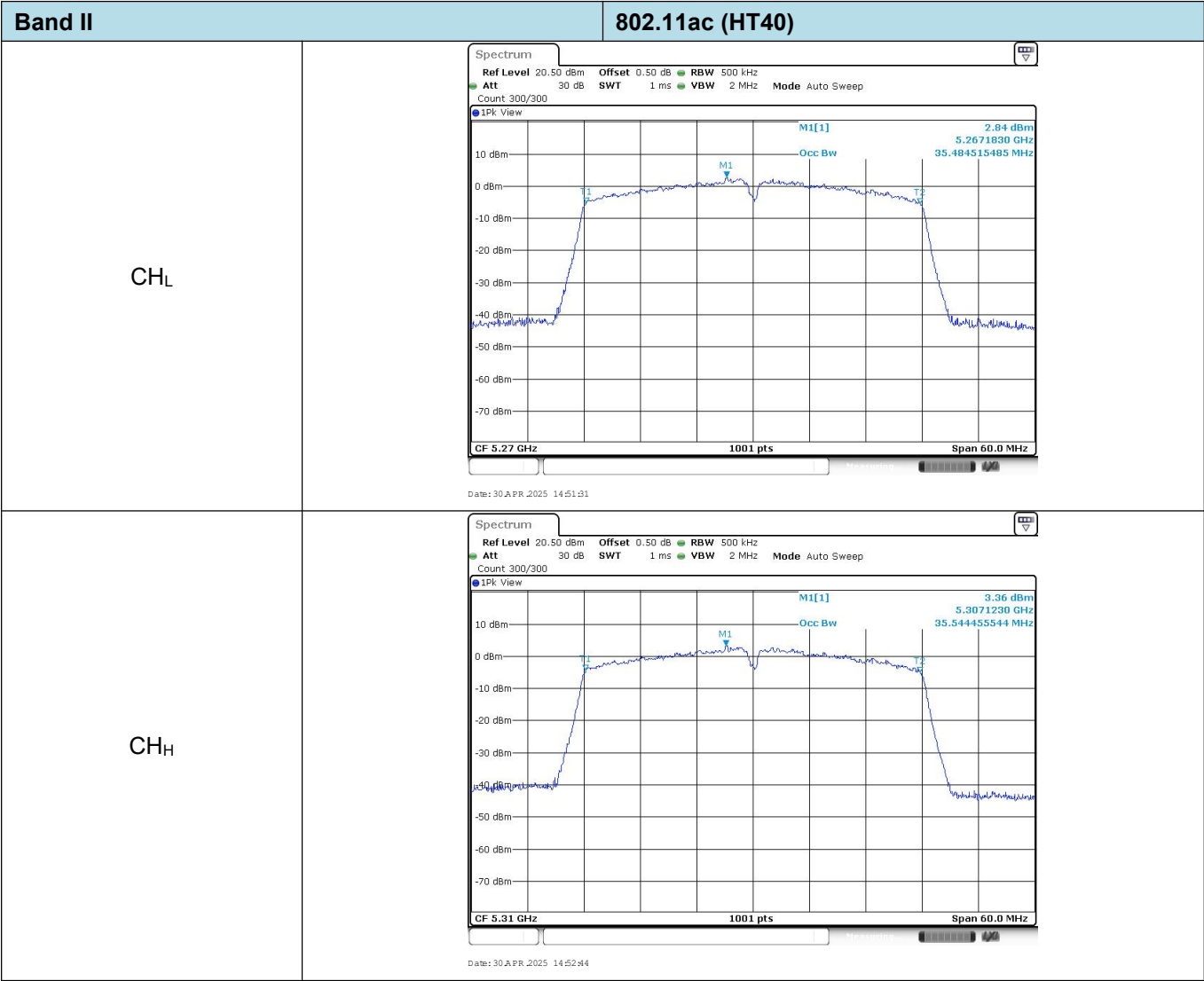
Band I		802.11ax (HT40)
CH _L	Spectrum Ref Level 20.50 dBm Offset 0.50 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 2 MHz Mode Auto Sweep Count 300/300 1Pk View M1[1] 4.77 dBm 5.1841260 GHz 36.983016983 MHz M2 Occ Bw CF 5.19 GHz 1001 pts Span 60.0 MHz Date: 6 MAY 2025 09:12:55	
CH _H	Spectrum Ref Level 20.50 dBm Offset 0.50 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 2 MHz Mode Auto Sweep Count 300/300 1Pk View M1[1] 5.62 dBm 5.2241260 GHz 36.923076923 MHz M2 Occ Bw CF 5.23 GHz 1001 pts Span 60.0 MHz Date: 6 MAY 2025 09:14:09	

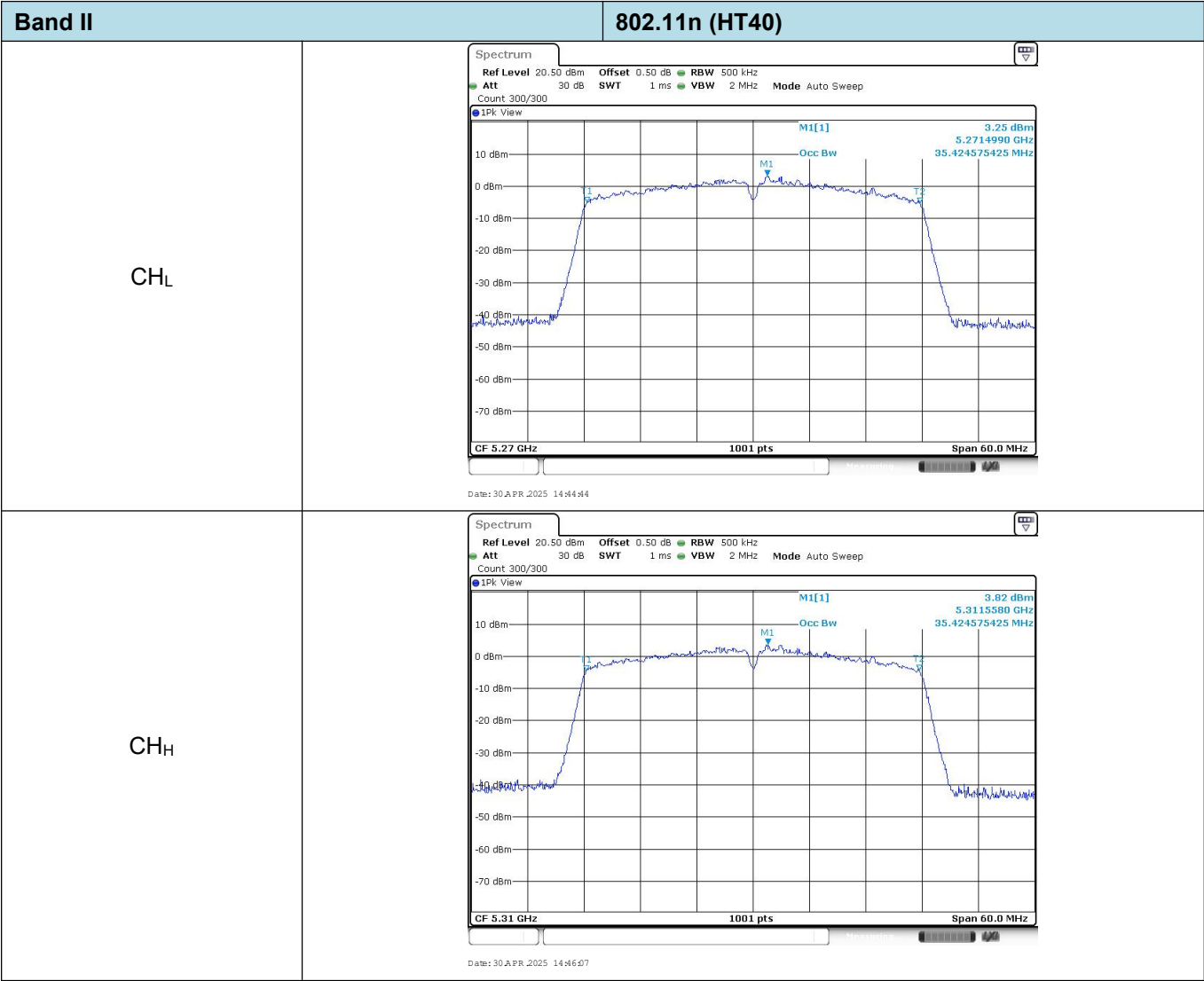


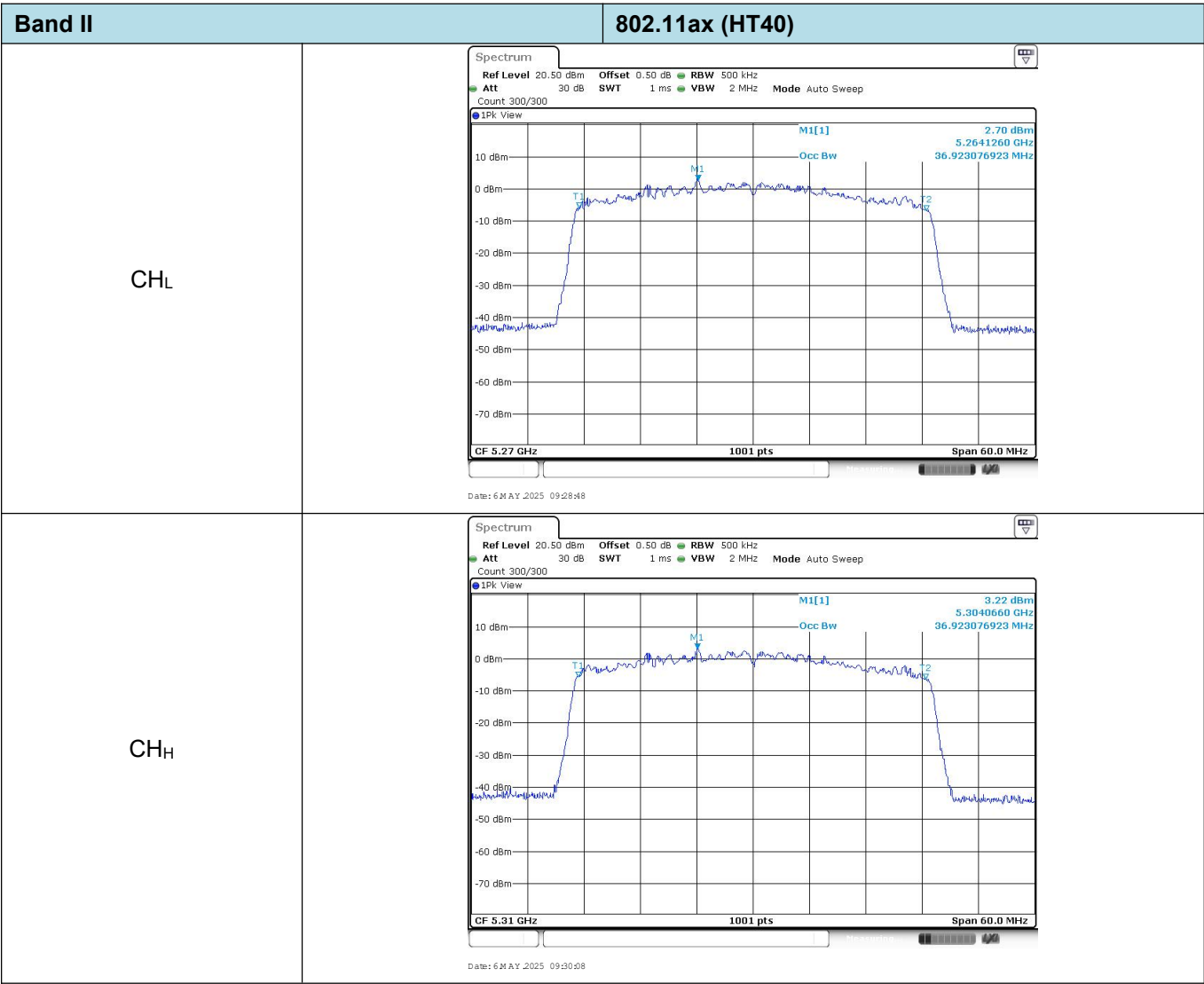


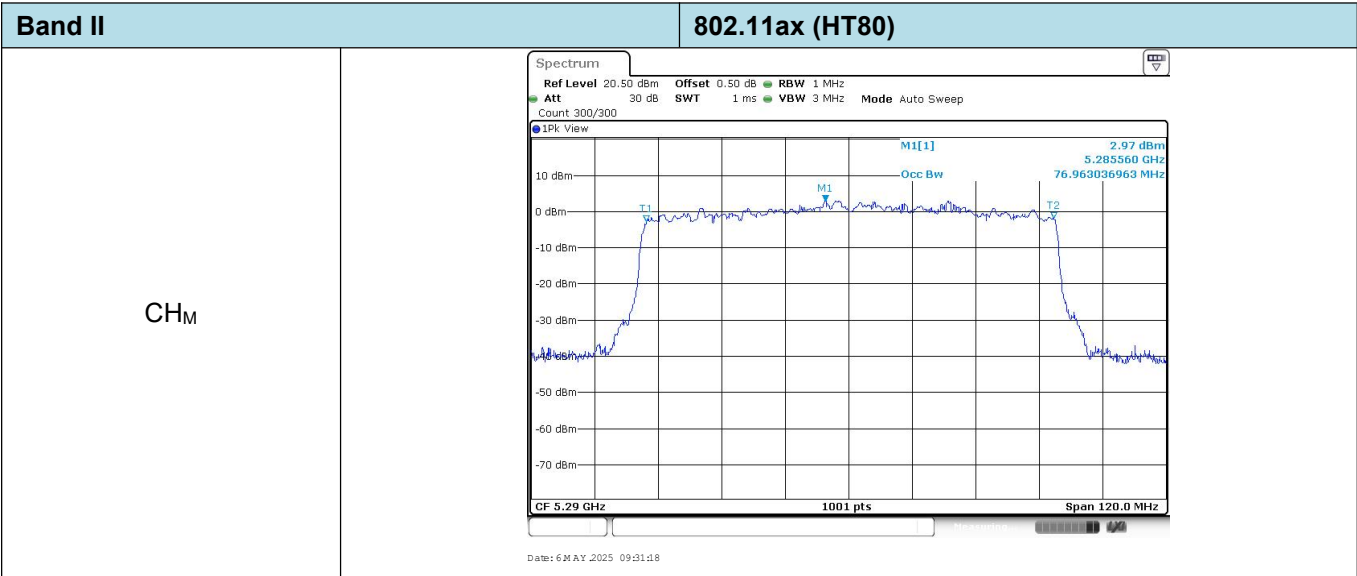
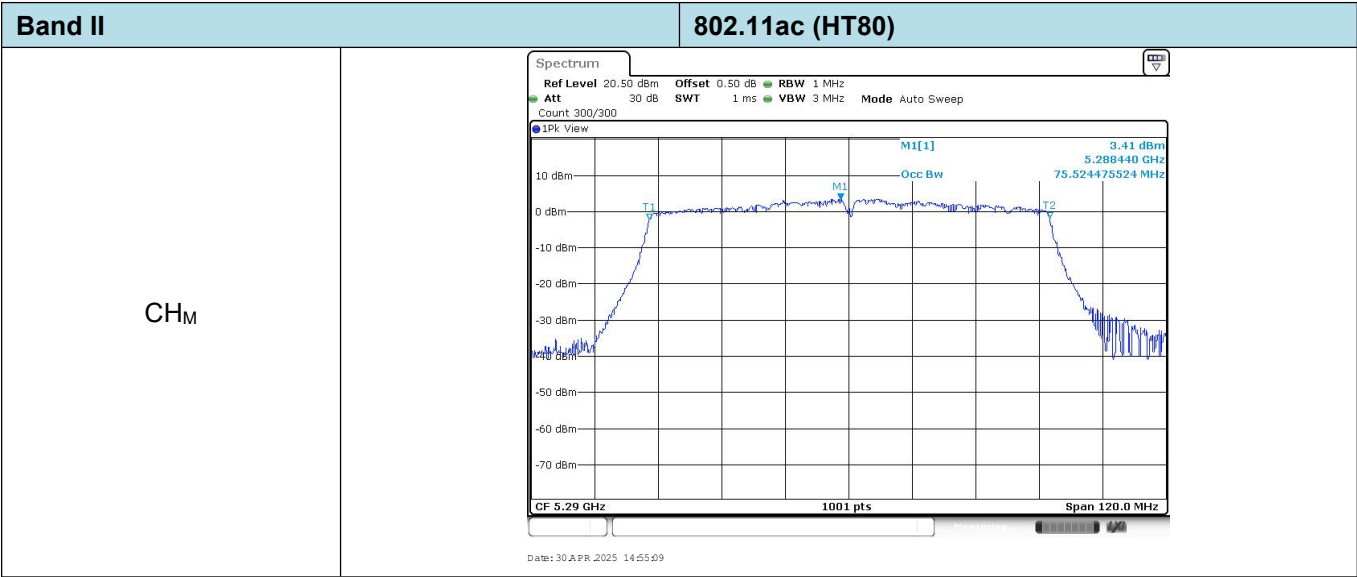


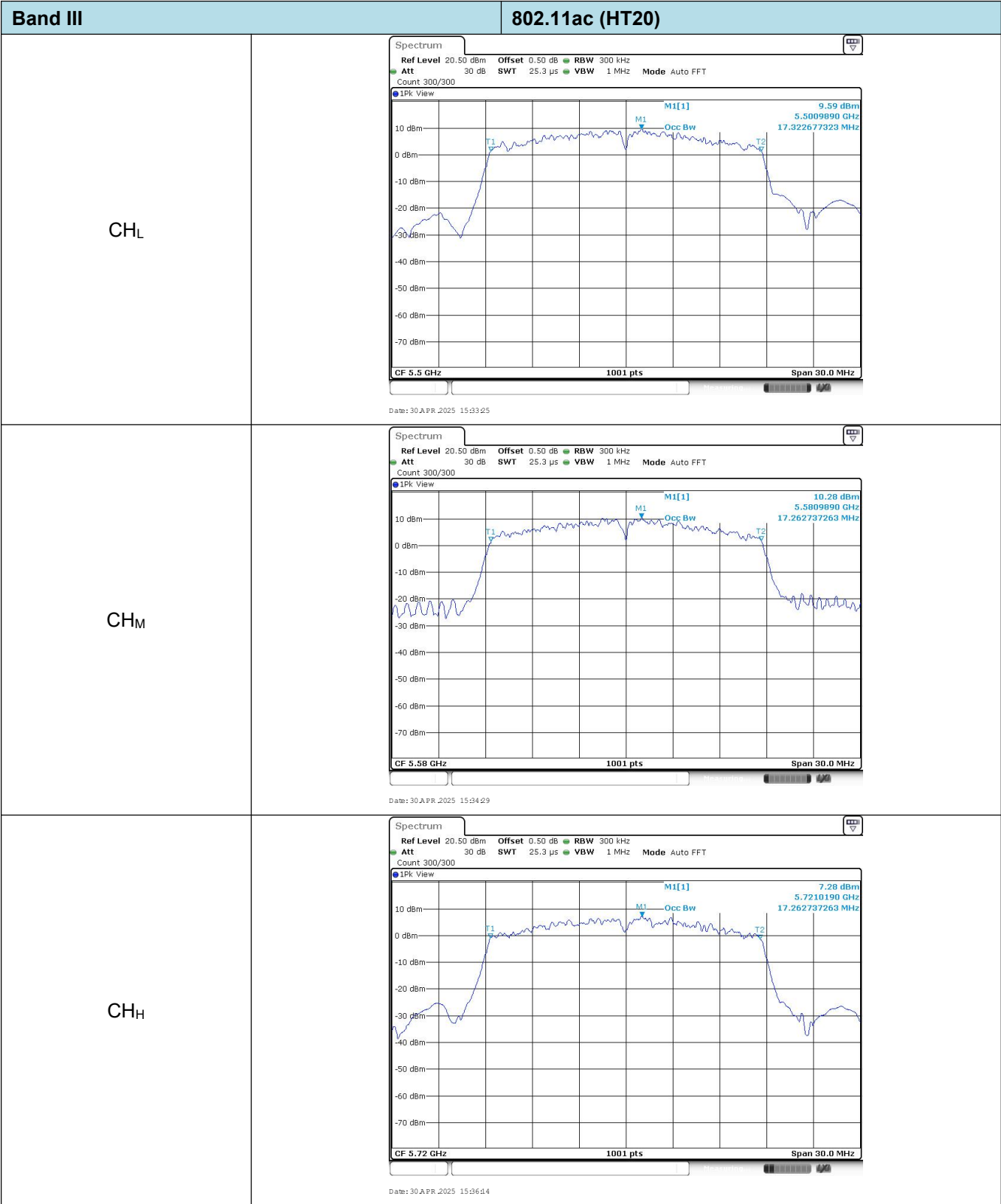
Band II		802.11ax (HT20)
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT Count 300/300 IPk View  CF 5.26 GHz 1001 pts Span 30.0 MHz Date: 6 MAY 2025 09:25:14	
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT Count 300/300 IPk View  CF 5.28 GHz 1001 pts Span 30.0 MHz Date: 6 MAY 2025 09:26:12	
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT Count 300/300 IPk View  CF 5.32 GHz 1001 pts Span 30.0 MHz Date: 6 MAY 2025 09:27:13	

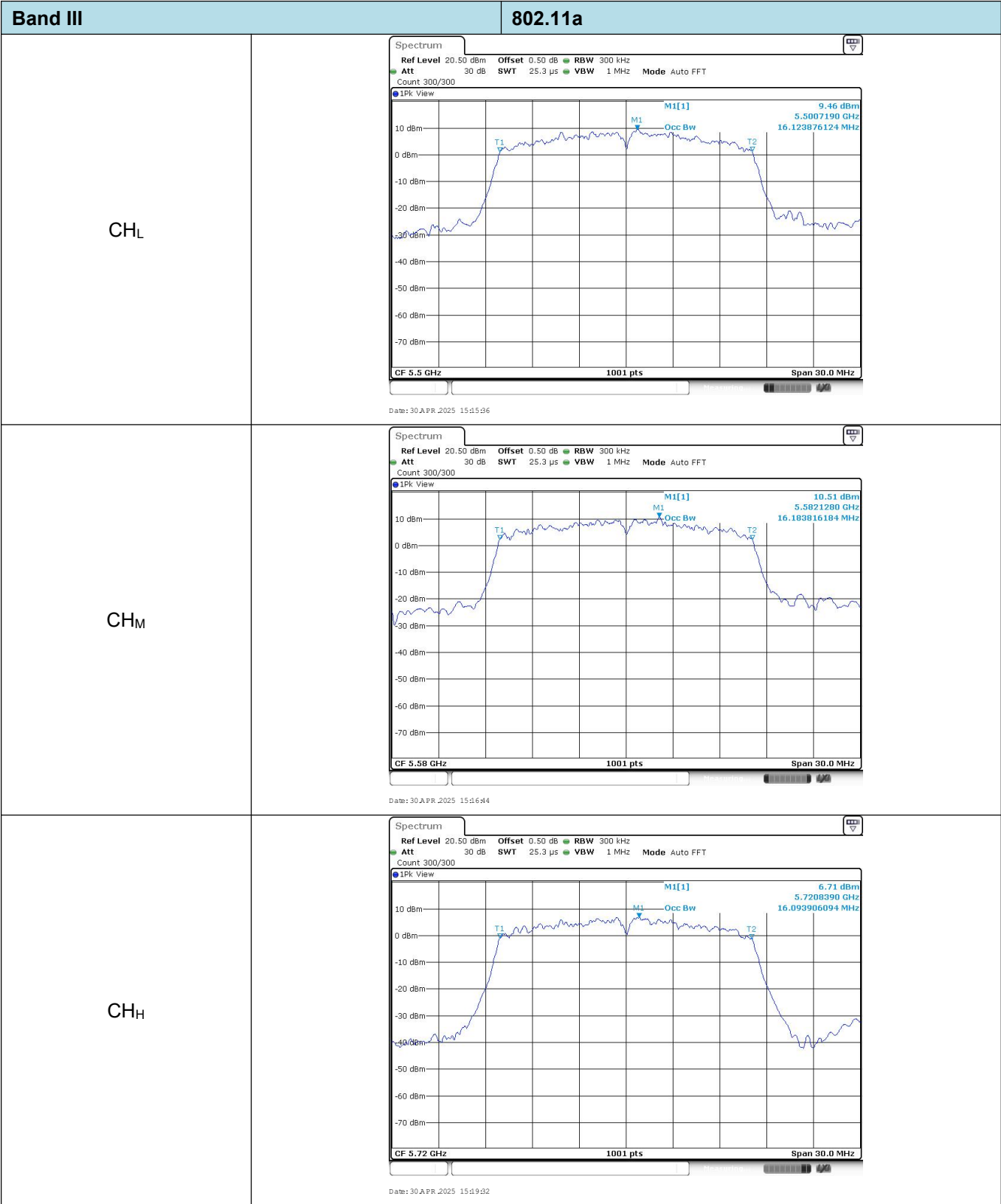


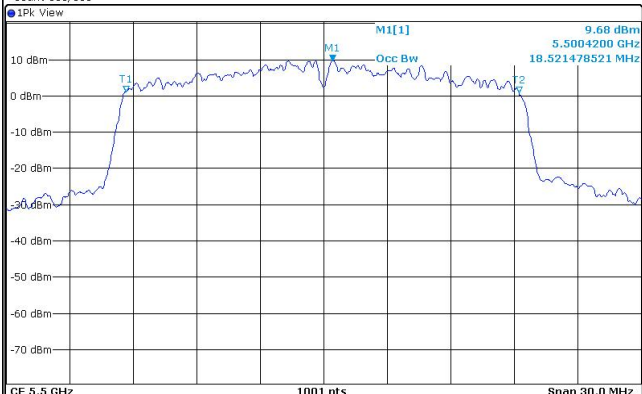
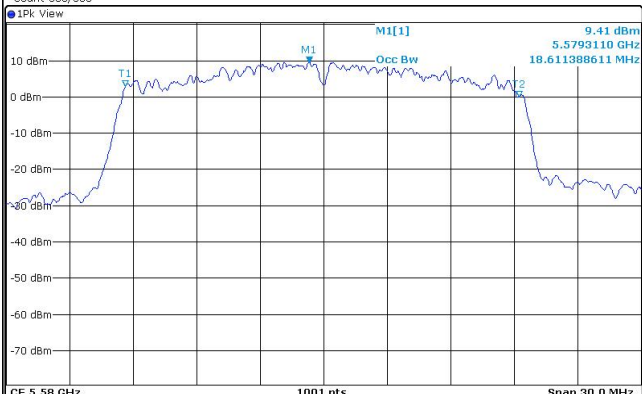
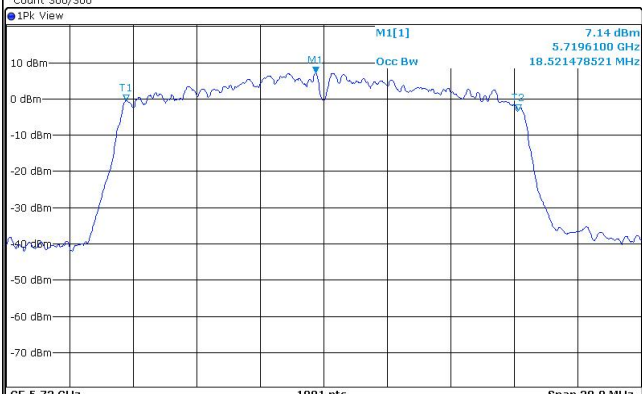


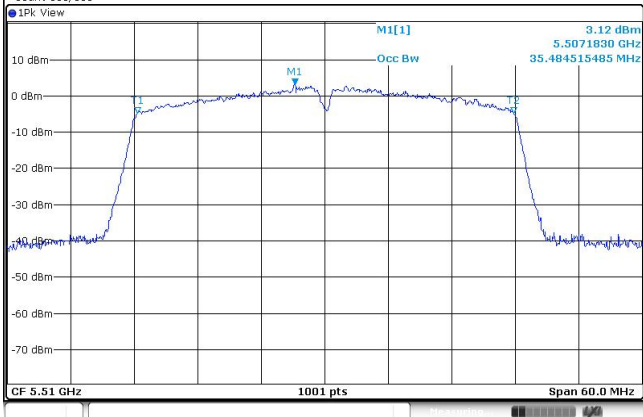
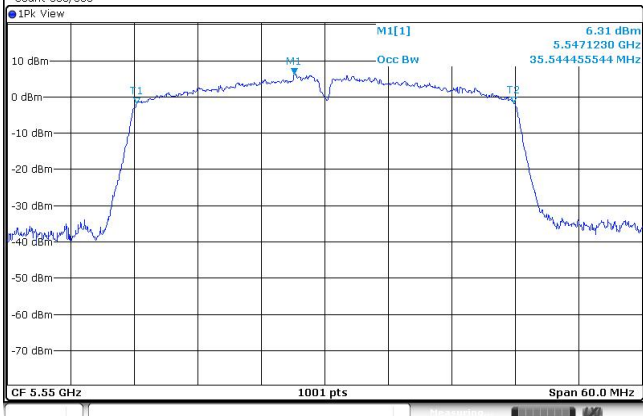
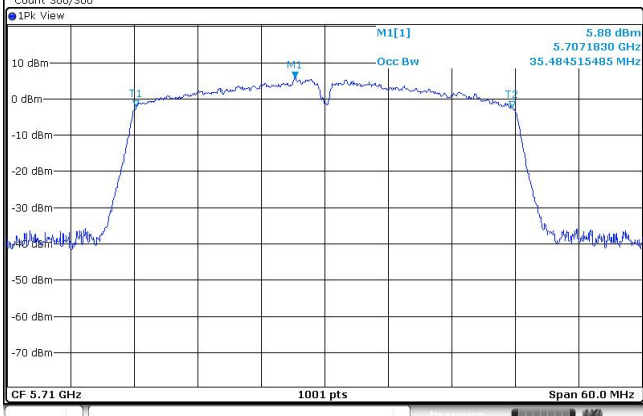








Band III		802.11ax (HT20)
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View  CF 5.5 GHz1001 ptsSpan 30.0 MHz Date: 6 MAY 2025 09:41:42	
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View  CF 5.58 GHz1001 ptsSpan 30.0 MHz Date: 6 MAY 2025 09:43:00	
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View  CF 5.72 GHz1001 ptsSpan 30.0 MHz Date: 6 MAY 2025 09:44:55	

Band III		802.11ac (HT40)
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 1 ms RBW 500 kHz VBW 2 MHz Mode Auto Sweep Count 300/300 IPk View  CF 5.51 GHz1001 ptsSpan 60.0 MHz Date: 30 APR 2025 15:27:56	
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 1 ms RBW 500 kHz VBW 2 MHz Mode Auto Sweep Count 300/300 IPk View  CF 5.55 GHz1001 ptsSpan 60.0 MHz Date: 30 APR 2025 15:39:10	
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 1 ms RBW 500 kHz VBW 2 MHz Mode Auto Sweep Count 300/300 IPk View  CF 5.71 GHz1001 ptsSpan 60.0 MHz Date: 30 APR 2025 15:41:39	

Band III		802.11n (HT40)	
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 1 ms RBW 500 kHz VBW 2 MHz Mode Auto Sweep Count 300/300 IPk View M1[1] 3.61 dBm 5.5114990 GHz 35.424575425 MHz Occ Bw M1 T1 T2 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.51 GHz 1001 pts Span 60.0 MHz Date: 30 APR 2025 15:26:45		
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 1 ms RBW 500 kHz VBW 2 MHz Mode Auto Sweep Count 300/300 IPk View M1[1] 6.83 dBm 5.5514990 GHz 35.484515485 MHz Occ Bw M1 T1 T2 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.55 GHz 1001 pts Span 60.0 MHz Date: 30 APR 2025 15:28:39		
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB SWT 1 ms RBW 500 kHz VBW 2 MHz Mode Auto Sweep Count 300/300 IPk View M1[1] 6.30 dBm 5.7114990 GHz 35.484515485 MHz Occ Bw M1 T1 T2 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.71 GHz 1001 pts Span 60.0 MHz Date: 30 APR 2025 15:31:41		

Band III

802.11ax (HT40)

CH_L

Spectrum

Ref Level 20.50 dBm

Offset 0.50 dB

RBW 500 kHz

Att 30 dB

SWT 1 ms

VBW 2 MHz

Mode Auto Sweep

Count 300/300

1Pk View

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

M1

M1[1]

Occ Bw

4.05 dBm

5.5041260 GHz

36.983016983 MHz

CF 5.51 GHz

1001 pts

Span 60.0 MHz

Date: 6 MAY 2025 09:46:04

CH_M

Spectrum

Ref Level 20.50 dBm

Offset 0.50 dB

RBW 500 kHz

Att 30 dB

SWT 1 ms

VBW 2 MHz

Mode Auto Sweep

Count 300/300

1Pk View

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

M1

M1[1]

Occ Bw

7.35 dBm

5.5441260 GHz

36.923076923 MHz

CF 5.55 GHz

1001 pts

Span 60.0 MHz

Date: 6 MAY 2025 09:47:12

CH_H

Spectrum

Ref Level 20.50 dBm

Offset 0.50 dB

RBW 500 kHz

Att 30 dB

SWT 1 ms

VBW 2 MHz

Mode Auto Sweep

Count 300/300

1Pk View

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

M1

M1[1]

Occ Bw

6.92 dBm

5.7041260 GHz

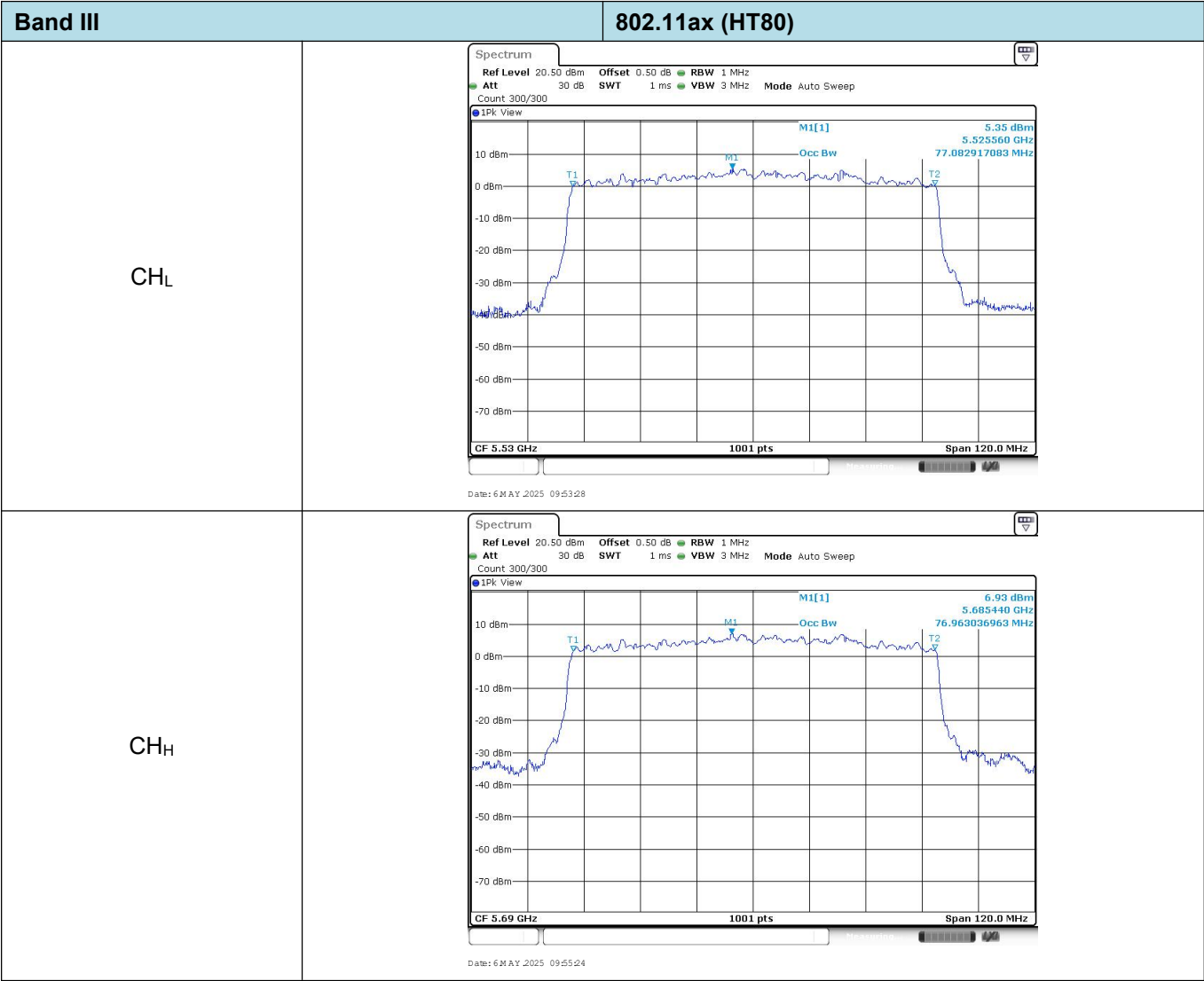
36.923076923 MHz

CF 5.71 GHz

1001 pts

Span 60.0 MHz

Date: 6 MAY 2025 09:51:40



Band IV		802.11ac (HT20)
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 8.39 dBm 5.7437410 GHz 17.352647353 MHz CF 5.745 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:34:45	
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 7.46 dBm 5.7837410 GHz 17.262737263 MHz CF 5.785 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:36:10	
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 7.47 dBm 5.8237410 GHz 17.172827173 MHz CF 5.825 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:37:15	

Band IV		802.11n (HT20)	
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] Occ Bw T2 8.29 dBm 5.7437410 GHz 17.262737263 MHz CF 5.745 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:27:44		
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] Occ Bw T2 7.83 dBm 5.7859890 GHz 17.232767233 MHz CF 5.785 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:29:00		
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm T1 M1 M1[1] Occ Bw T2 7.57 dBm 5.8267380 GHz 17.232767233 MHz CF 5.825 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:30:57		

Band IV		802.11a
CH _L	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 9.24 dBm 5.7408340 GHz 16.153846154 MHz CF 5.745 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:24:17	
CH _M	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 7.73 dBm 5.7837410 GHz 16.153846154 MHz CF 5.785 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:25:22	
CH _H	Spectrum Ref Level 20.50 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT IPk View T1 M1 M1[1] Occ Bw T2 7.93 dBm 5.8271280 GHz 16.123876124 MHz CF 5.825 GHz 1001 pts Span 30.0 MHz Date: 30 APR 2025 16:26:26	