

# APPENDIX REPORT

Project No.	SHT2205024703EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT22050247007	Model No.	ProFace X(DS)
Start test date	2022-05-18	Finish date	2022-05-18
Temperature	24.4℃	Humidity	33%
Test Engineer	Hailey Chen	Auditor	Xiaodong Zheo

Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

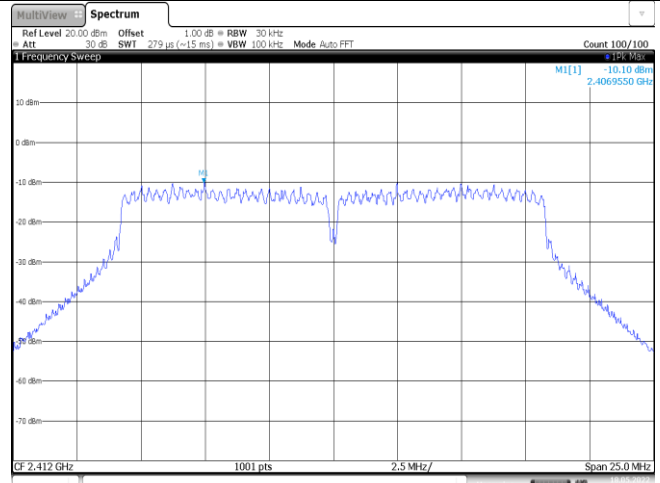
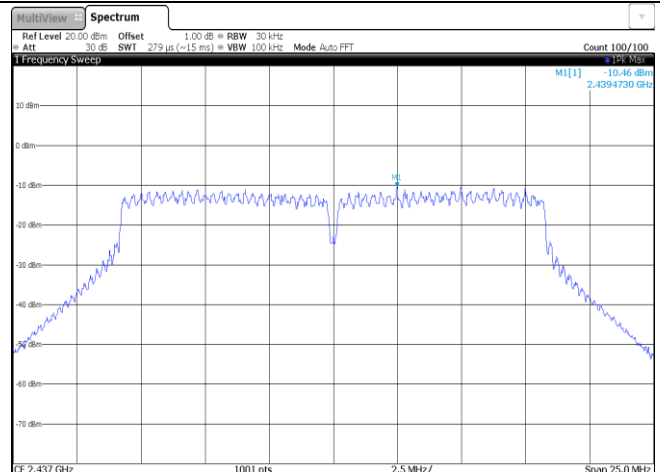
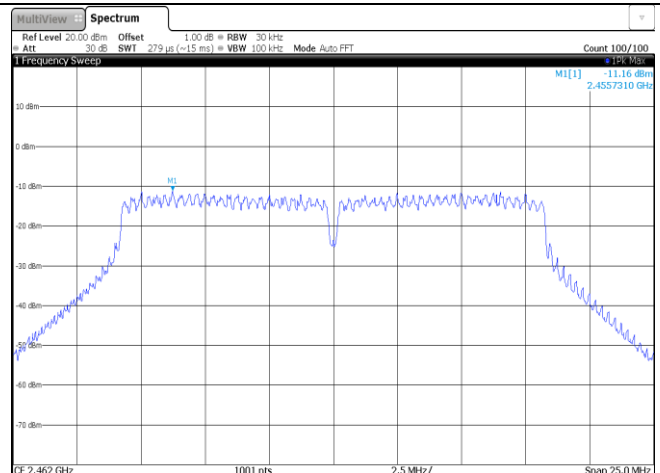
**Appendix A: Conducted Peak Output Power**

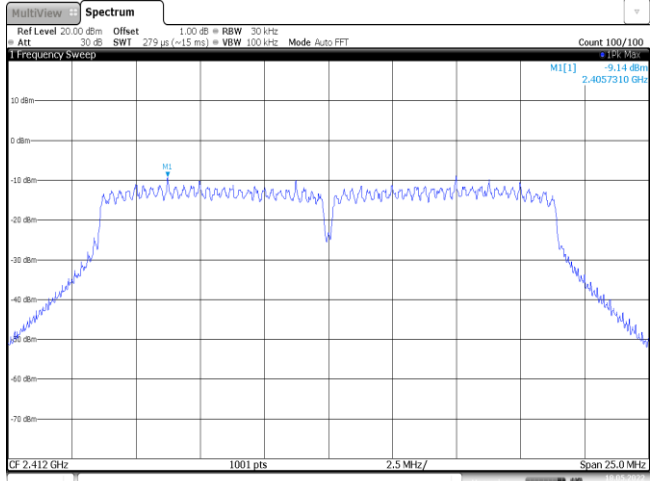
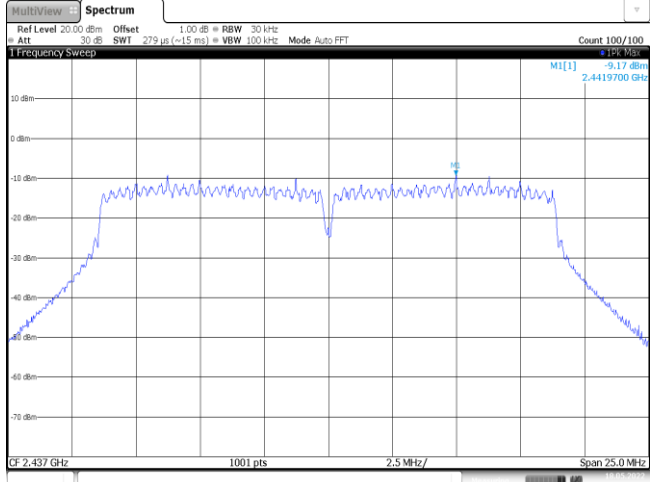
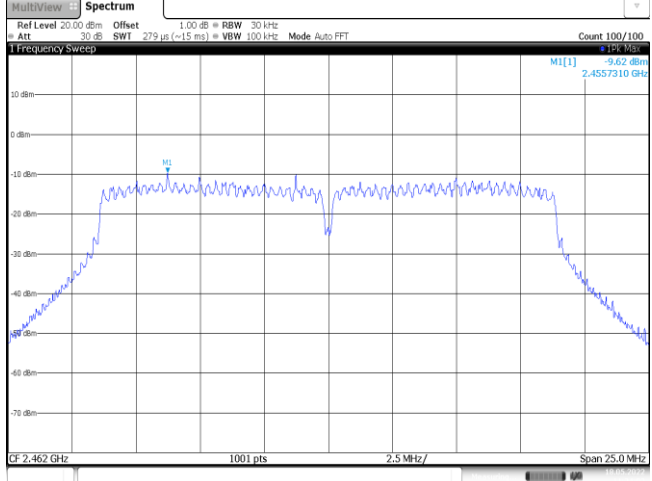
Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	14.98	12.42	≤ 30.00	Pass
	06	14.98	12.31		
	11	14.45	11.76		
802.11g	01	14.95	12.23	≤ 30.00	Pass
	06	14.93	12.17		
	11	14.21	11.43		
802.11n (HT20)	01	14.95	12.35	≤ 30.00	Pass
	06	14.91	12.13		
	11	14.36	11.69		
802.11n(HT40)	03	15.02	11.93	≤ 30.00	Pass
	06	14.94	11.87		
	09	14.49	11.61		

**Appendix B: Power Spectral Density**

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	1.14	≤8.00	Pass
	06	-0.49		
	11	0.39		
802.11g	01	-10.10	≤8.00	Pass
	06	-10.46		
	11	-11.16		
802.11n(HT20)	01	-9.14	≤8.00	Pass
	06	-9.17		
	11	-9.62		
802.11n(HT40)	03	-13.86	≤8.00	Pass
	06	-13.53		
	09	-13.48		

Type:		802.11 b
CH01	<p>Ref Level 20.00 dBm    Offset 1.00 dB    RBW 30 kHz  Att 30 dB    SWI 1.78 ms    VBW 100 kHz    Mode Auto Sweep    Count 100/100  MI[1] 1.14 dBm  2.4124800 GHz</p> <p>CF 2.412 GHz    1001 pts    1.6 MHz/    Span 16.0 MHz</p> <p>Date: 15.MAY.2022 10:38:14</p>	
CH06	<p>Ref Level 20.00 dBm    Offset 1.00 dB    RBW 30 kHz  Att 30 dB    SWI 1.78 ms    VBW 100 kHz    Mode Auto Sweep    Count 100/100  MI[1] -0.49 dBm  2.4379750 GHz</p> <p>CF 2.437 GHz    1001 pts    1.6 MHz/    Span 16.0 MHz</p> <p>Date: 15.MAY.2022 10:45:19</p>	
CH11	<p>Ref Level 20.00 dBm    Offset 1.00 dB    RBW 30 kHz  Att 30 dB    SWI 1.78 ms    VBW 100 kHz    Mode Auto Sweep    Count 100/100  MI[1] 0.39 dBm  2.4609770 GHz</p> <p>CF 2.462 GHz    1001 pts    1.6 MHz/    Span 16.0 MHz</p> <p>Date: 15.MAY.2022 10:42:16</p>	

Type:	802.11 g
CH01	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -10.10 dBm 2.4069550 GHz CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 15.MAY.2022 11:13:22</p>
CH06	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -10.46 dBm 2.4394730 GHz CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 15.MAY.2022 11:16:46</p>
CH11	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -11.16 dBm 2.4557310 GHz CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 15.MAY.2022 11:09:55</p>

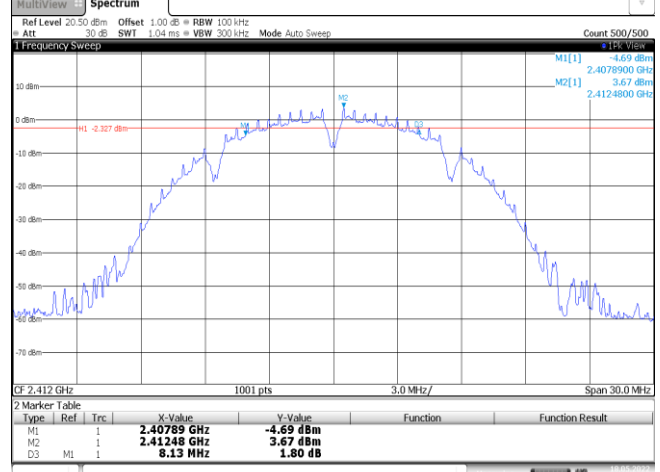
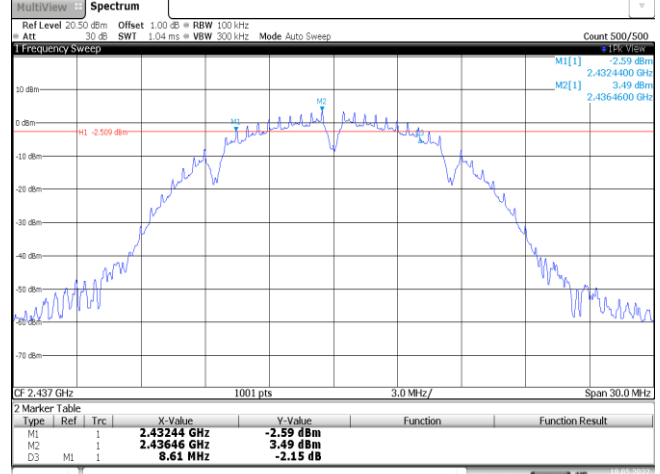
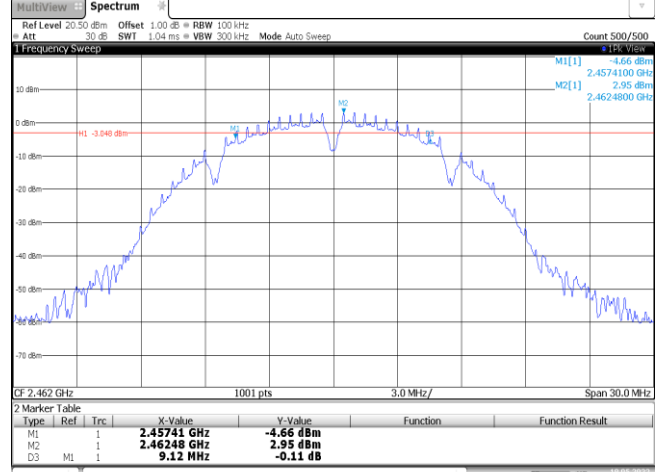
Type:		802.11n(HT20)
CH01	 <p>1 Frequency Sweep</p> <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>M1[1] -9.14 dBm 2.4057310 GHz</p> <p>CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz</p> <p>Date: 15.MAY.2022 11:26:55</p>	
CH06	 <p>1 Frequency Sweep</p> <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>M1[1] -9.17 dBm 2.4419700 GHz</p> <p>CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz</p> <p>Date: 15.MAY.2022 11:29:50</p>	
CH11	 <p>1 Frequency Sweep</p> <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>M1[1] -9.62 dBm 2.4557310 GHz</p> <p>CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz</p> <p>Date: 15.MAY.2022 11:24:02</p>	

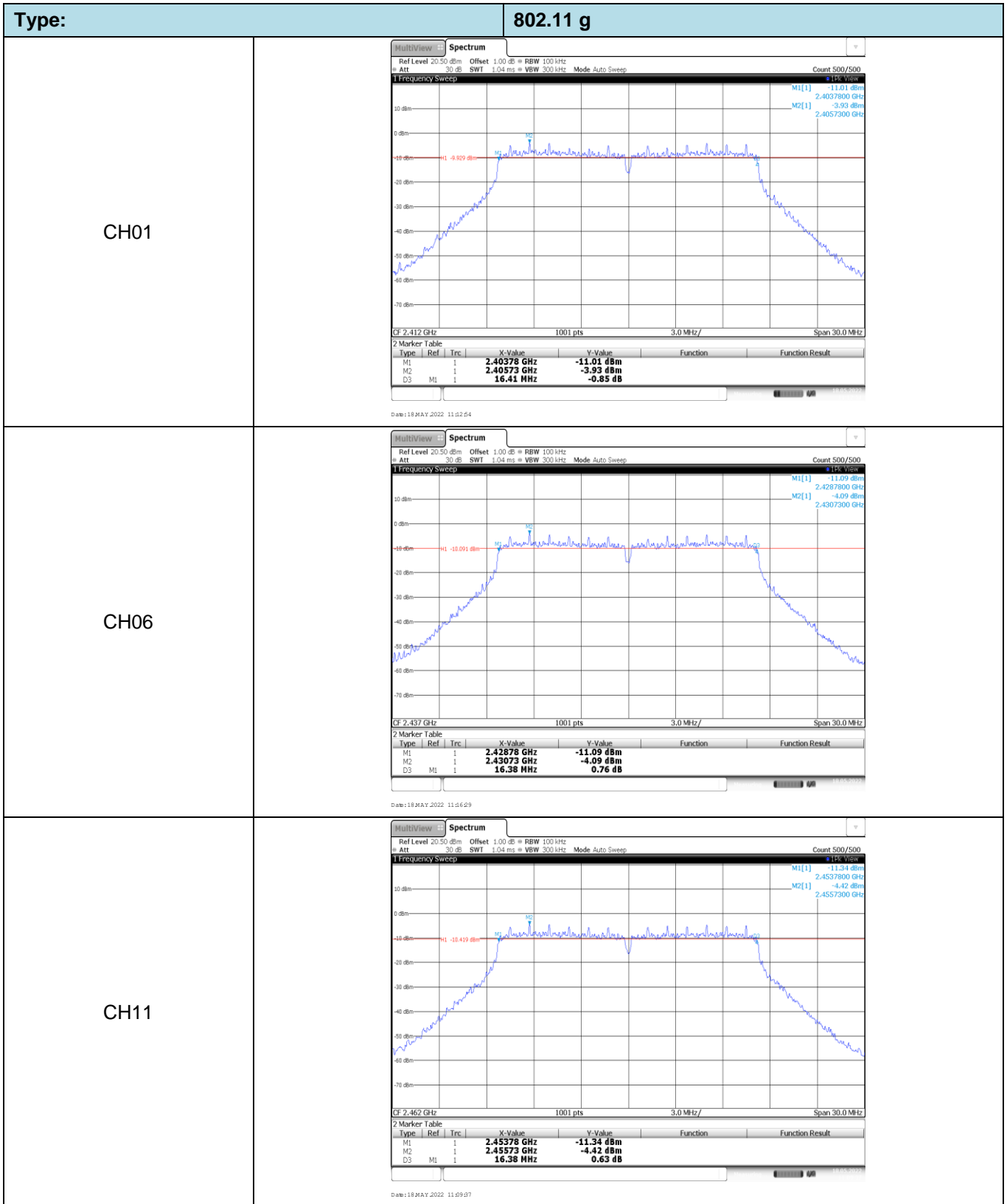
Type:	802.11n(HT40)
CH03	<p><b>Spectrum</b>            Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz            Att 30 dB SWI 558 us (~27 ms) VBW 100 kHz Mode Auto FFT            Count 100/100            1 Frequency Sweep            MI[1] -13.86 dBm            2.4245270 GHz            CF 2.422 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz            Date: 15.MAY.2022 13:44:26</p>
CH06	<p><b>Spectrum</b>            Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz            Att 30 dB SWI 558 us (~27 ms) VBW 100 kHz Mode Auto FFT            Count 100/100            1 Frequency Sweep            MI[1] -13.53 dBm            2.4395270 GHz            CF 2.437 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz            Date: 15.MAY.2022 13:43:26</p>
CH09	<p><b>Spectrum</b>            Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz            Att 30 dB SWI 558 us (~27 ms) VBW 100 kHz Mode Auto FFT            Count 100/100            1 Frequency Sweep            MI[1] -13.48 dBm            2.4545270 GHz            CF 2.452 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz            Date: 15.MAY.2022 13:41:57</p>

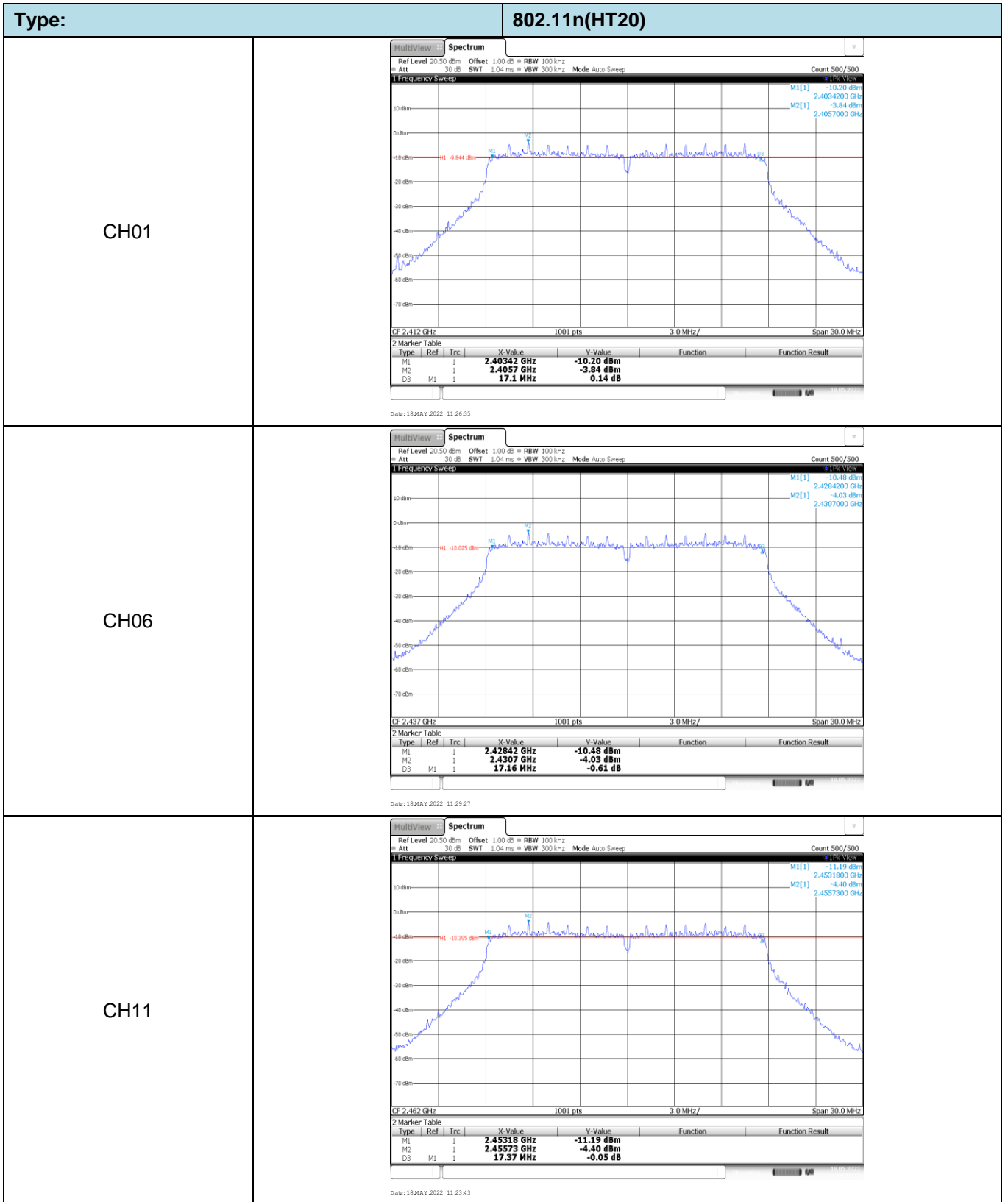
**Appendix C: 6dB bandwidth**

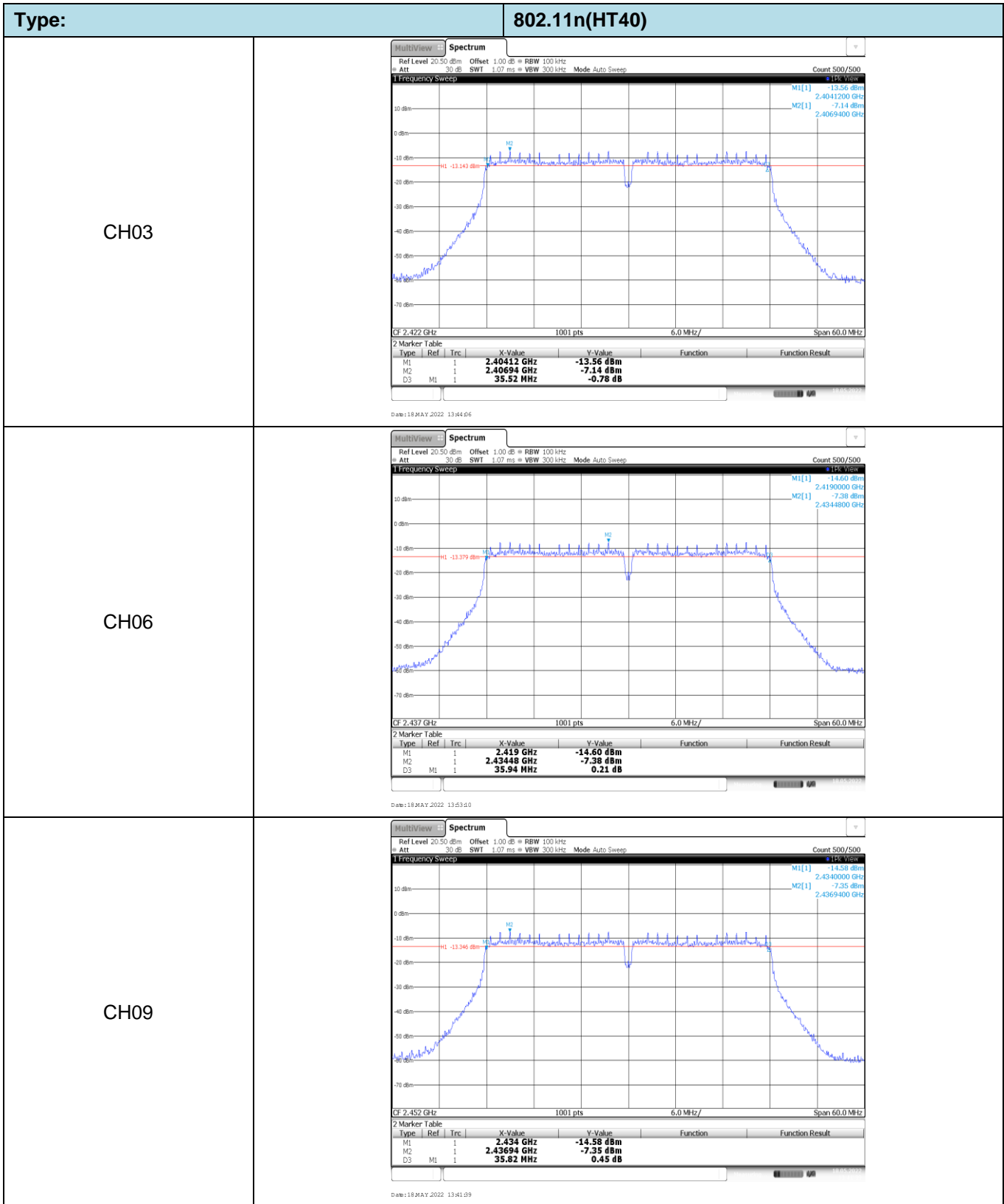
Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	8.13	≥0.5	Pass
	06	8.61		
	11	9.12		
802.11g	01	16.41	≥0.5	Pass
	06	16.38		
	11	16.38		
802.11n(HT20)	01	17.10	≥0.5	Pass
	06	17.16		
	11	17.37		
802.11n(HT40)	03	35.52	≥0.5	Pass
	06	35.94		
	09	35.82		



Type:	802.11 b																												
CH01	 <p><b>Marker Table</b></p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.40789 GHz</td> <td>-4.69 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.41248 GHz</td> <td>3.67 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>8.13 MHz</td> <td>1.50 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 15.MAY.2022 10:07:54</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40789 GHz	-4.69 dBm			M2	1		2.41248 GHz	3.67 dBm			D3	M1	1	8.13 MHz	1.50 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.40789 GHz	-4.69 dBm																									
M2	1		2.41248 GHz	3.67 dBm																									
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Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.43244 GHz	-2.59 dBm																									
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CH11	 <p><b>Marker Table</b></p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.45741 GHz</td> <td>-4.66 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.46248 GHz</td> <td>2.95 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>9.12 MHz</td> <td>-0.11 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 15.MAY.2022 10:41:50</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.45741 GHz	-4.66 dBm			M2	1		2.46248 GHz	2.95 dBm			D3	M1	1	9.12 MHz	-0.11 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.45741 GHz	-4.66 dBm																									
M2	1		2.46248 GHz	2.95 dBm																									
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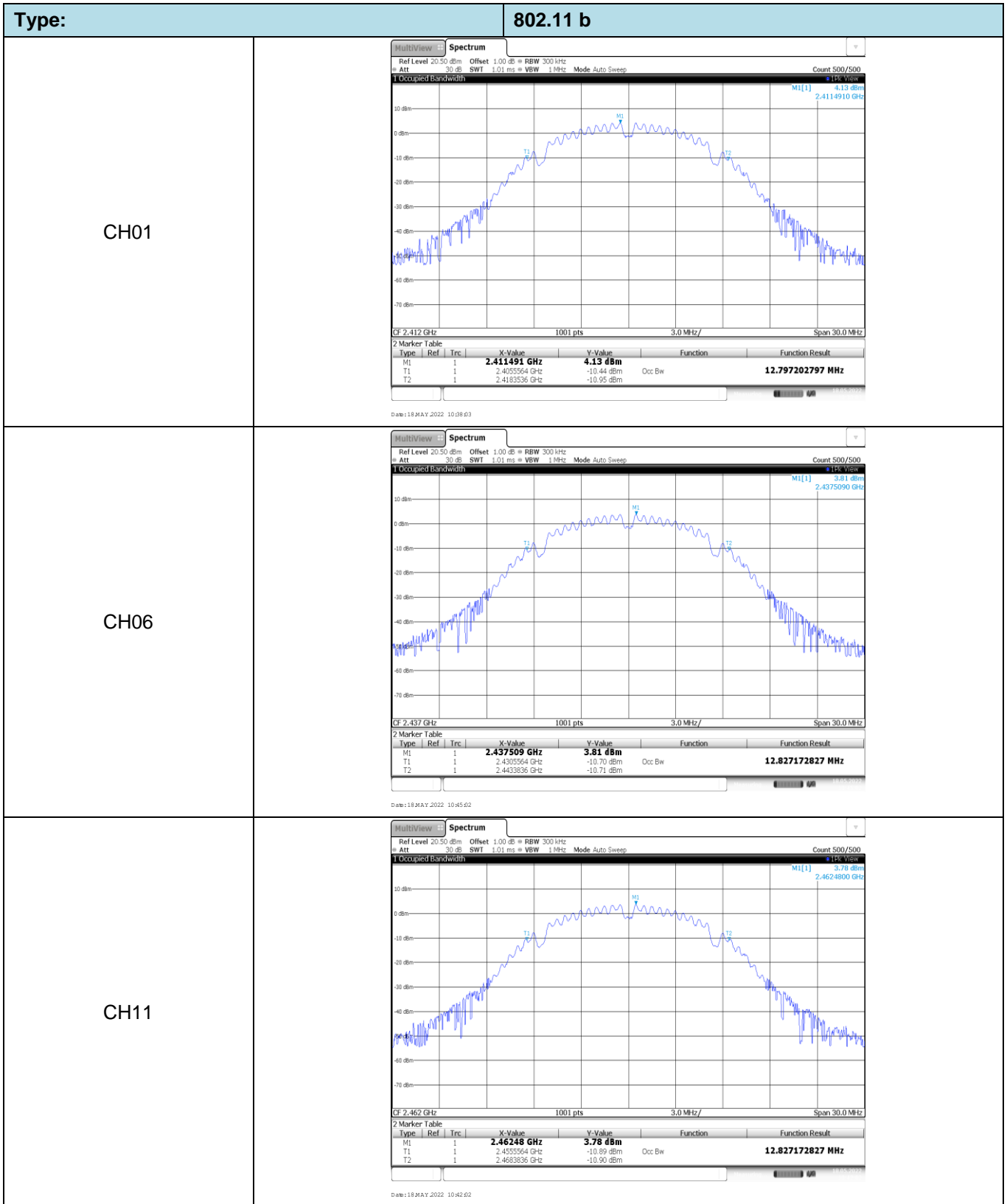


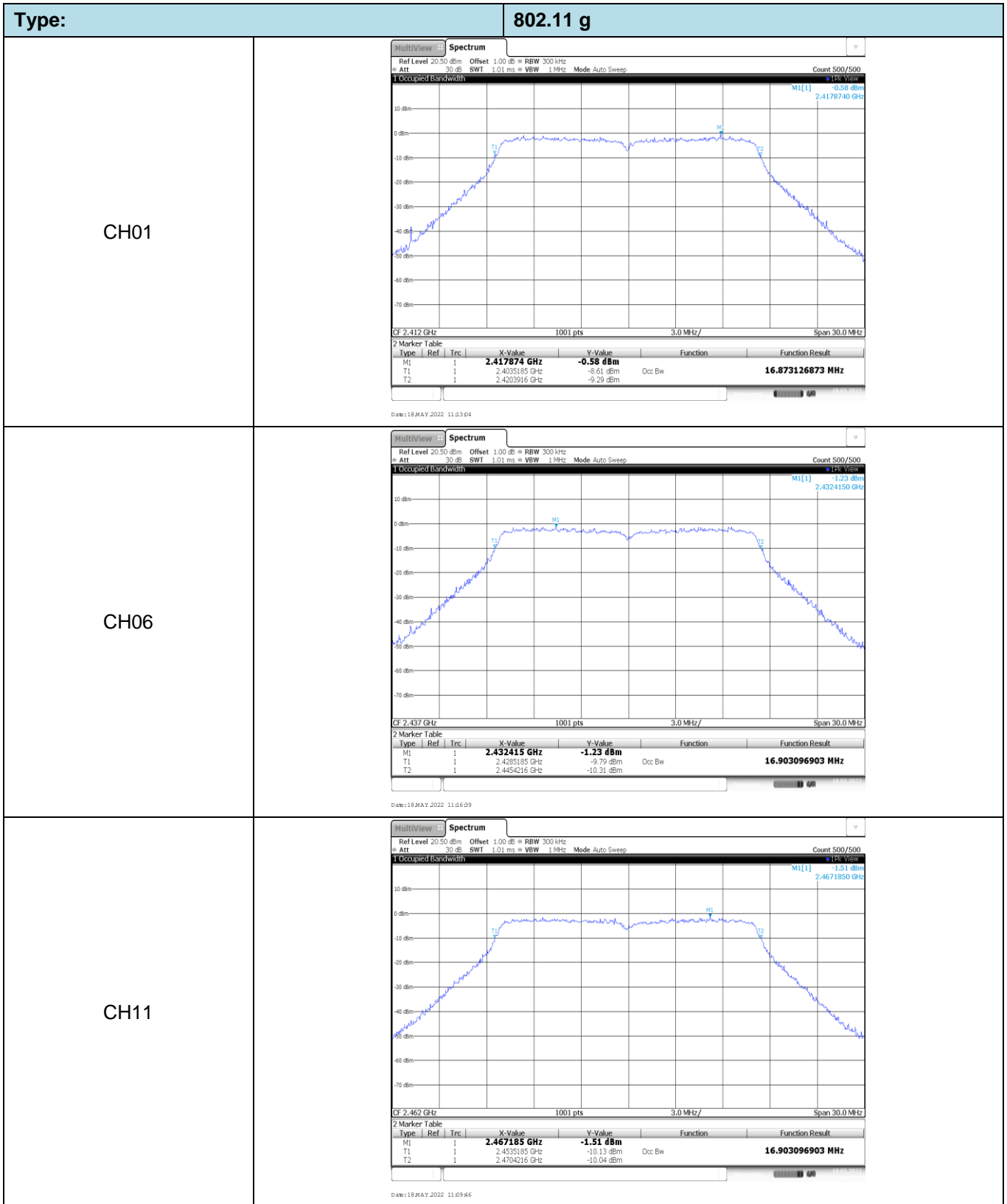


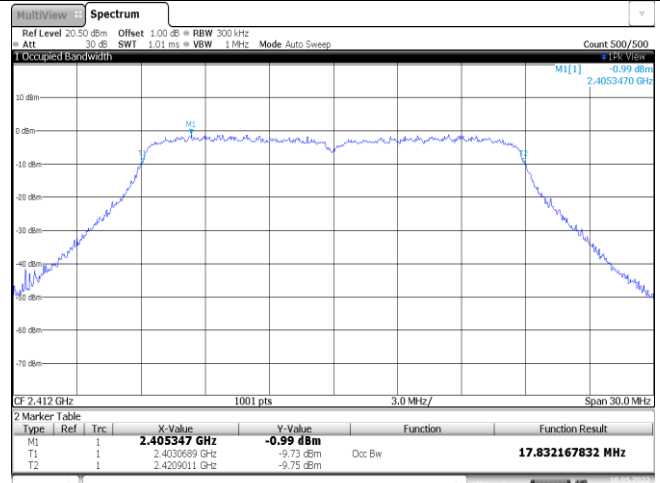
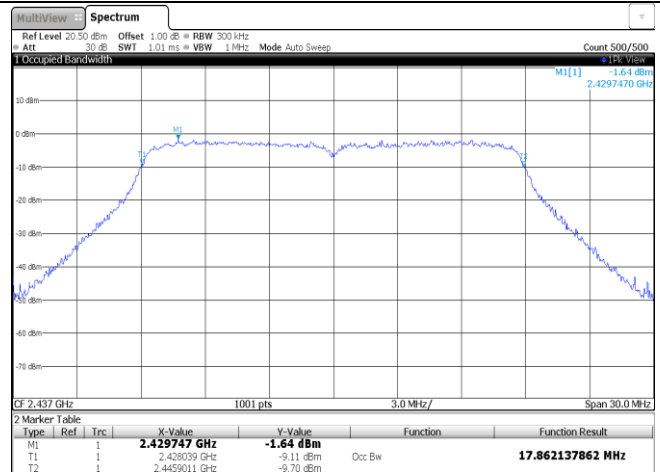
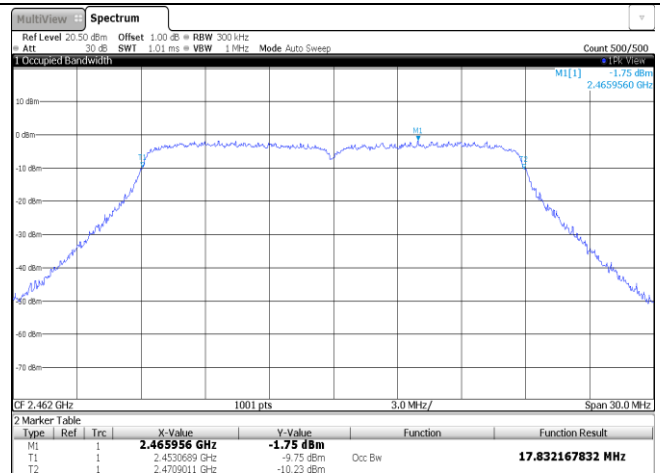


**Appendix D: 99% Occupied Bandwidth**

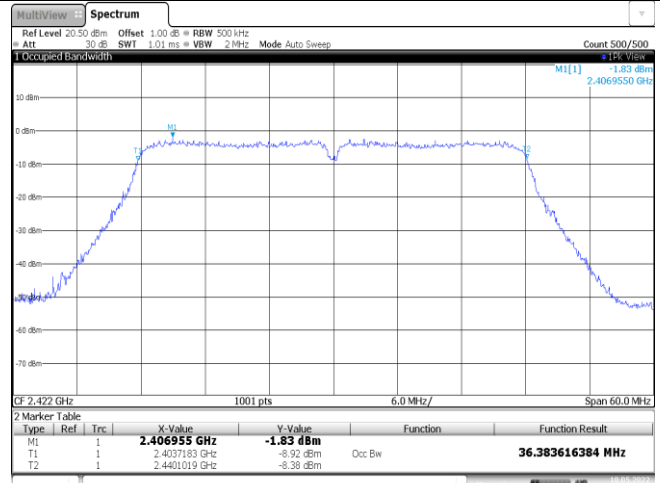
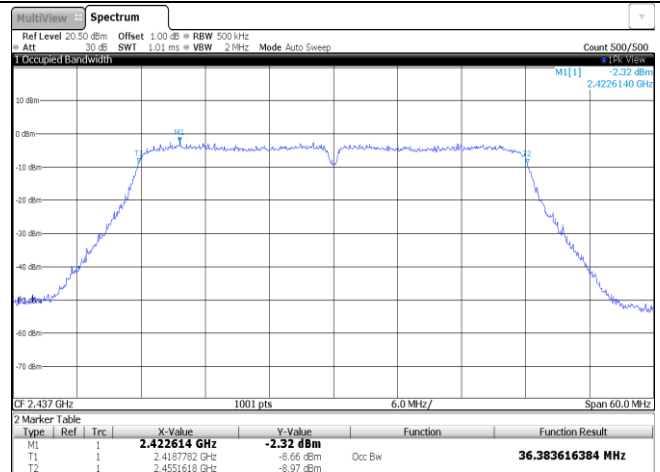
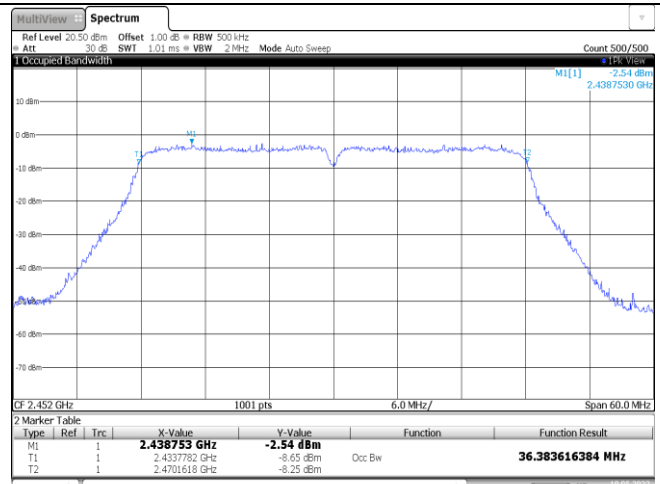
Type	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	12.80	-	Pass
	06	12.83		
	11	12.83		
802.11g	01	16.87	-	Pass
	06	16.90		
	11	16.90		
802.11n(HT20)	01	17.83	-	Pass
	06	17.86		
	11	17.83		
802.11n(HT40)	03	36.38	-	Pass
	06	36.38		
	09	36.38		





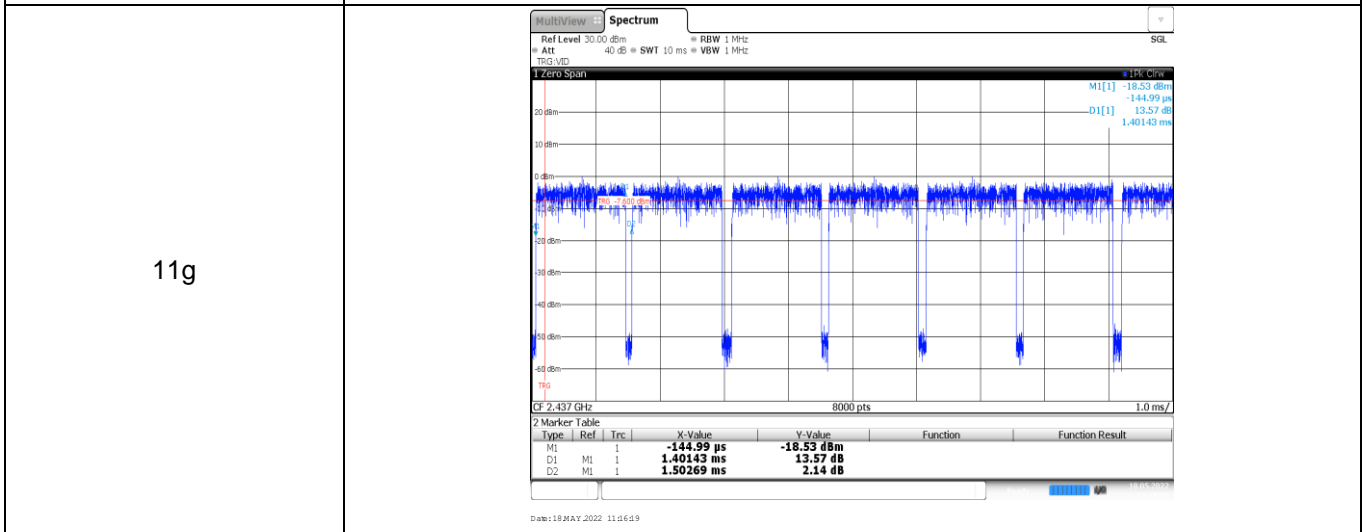
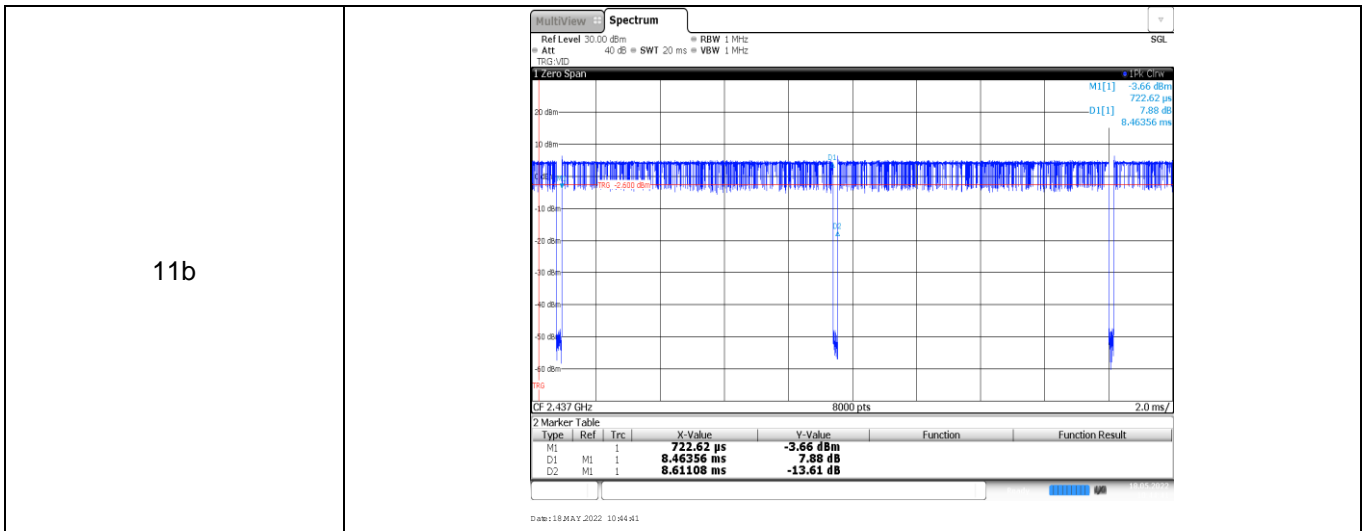
Type:	802.11n(HT20)																												
CH01	 <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth M1[1] 0.99 dBm 2.4053470 GHz</p> <p>CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.405347 GHz</td> <td>-0.99 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4030689 GHz</td> <td>-9.73 dBm</td> <td>Occ Bw</td> <td>17.832167832 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4209011 GHz</td> <td>-9.75 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 15.MAY.2022 11:26:46</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.405347 GHz	-0.99 dBm			T1	1		2.4030689 GHz	-9.73 dBm	Occ Bw	17.832167832 MHz	T2	1		2.4209011 GHz	-9.75 dBm		
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M1	1		2.405347 GHz	-0.99 dBm																									
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T2	1		2.4209011 GHz	-9.75 dBm																									
CH06	 <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth M1[1] 1.64 dBm 2.4297470 GHz</p> <p>CF 2.437 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.429747 GHz</td> <td>-1.64 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.426039 GHz</td> <td>-9.11 dBm</td> <td>Occ Bw</td> <td>17.862137862 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4459011 GHz</td> <td>-9.70 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 15.MAY.2022 11:29:37</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.429747 GHz	-1.64 dBm			T1	1		2.426039 GHz	-9.11 dBm	Occ Bw	17.862137862 MHz	T2	1		2.4459011 GHz	-9.70 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.429747 GHz	-1.64 dBm																									
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CH11	 <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth M1[1] 1.75 dBm 2.4659560 GHz</p> <p>CF 2.462 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.465956 GHz</td> <td>-1.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4530689 GHz</td> <td>-9.75 dBm</td> <td>Occ Bw</td> <td>17.832167832 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4709011 GHz</td> <td>-10.23 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 15.MAY.2022 11:23:54</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.465956 GHz	-1.75 dBm			T1	1		2.4530689 GHz	-9.75 dBm	Occ Bw	17.832167832 MHz	T2	1		2.4709011 GHz	-10.23 dBm		
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T1	1		2.4530689 GHz	-9.75 dBm	Occ Bw	17.832167832 MHz																							
T2	1		2.4709011 GHz	-10.23 dBm																									

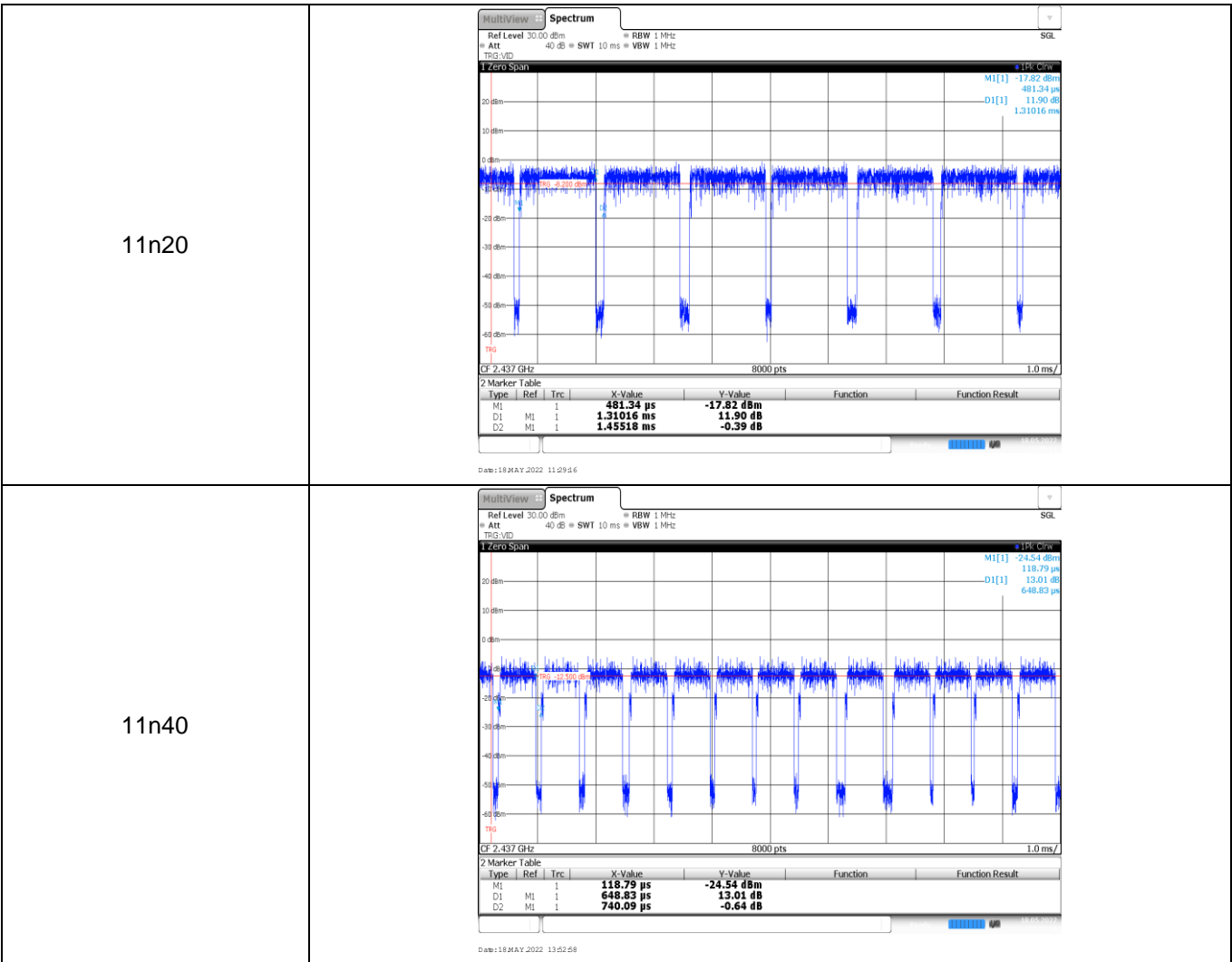


Type:	802.11n(HT40)																												
CH03	 <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 500 Hz Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth M1[1] 1.83 dBm 2.406955 GHz</p> <p>GF 2.422 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.406955 GHz</td> <td>-1.83 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4037183 GHz</td> <td>-8.92 dBm</td> <td>Occ Bw</td> <td>36.383616384 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4401019 GHz</td> <td>-8.38 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 15.MAY.2022 13:44:17</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.406955 GHz	-1.83 dBm			T1	1		2.4037183 GHz	-8.92 dBm	Occ Bw	36.383616384 MHz	T2	1		2.4401019 GHz	-8.38 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.406955 GHz	-1.83 dBm																									
T1	1		2.4037183 GHz	-8.92 dBm	Occ Bw	36.383616384 MHz																							
T2	1		2.4401019 GHz	-8.38 dBm																									
CH06	 <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 500 Hz Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth M1[1] 2.32 dBm 2.422614 GHz</p> <p>GF 2.427 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.422614 GHz</td> <td>-2.32 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4187782 GHz</td> <td>-8.66 dBm</td> <td>Occ Bw</td> <td>36.383616384 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4551618 GHz</td> <td>-8.97 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 15.MAY.2022 13:43:19</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.422614 GHz	-2.32 dBm			T1	1		2.4187782 GHz	-8.66 dBm	Occ Bw	36.383616384 MHz	T2	1		2.4551618 GHz	-8.97 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
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T2	1		2.4551618 GHz	-8.97 dBm																									
CH09	 <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 500 Hz Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth M1[1] 2.54 dBm 2.438753 GHz</p> <p>GF 2.452 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.438753 GHz</td> <td>-2.54 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4337782 GHz</td> <td>-8.65 dBm</td> <td>Occ Bw</td> <td>36.383616384 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4701618 GHz</td> <td>-8.25 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 15.MAY.2022 13:41:49</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.438753 GHz	-2.54 dBm			T1	1		2.4337782 GHz	-8.65 dBm	Occ Bw	36.383616384 MHz	T2	1		2.4701618 GHz	-8.25 dBm		
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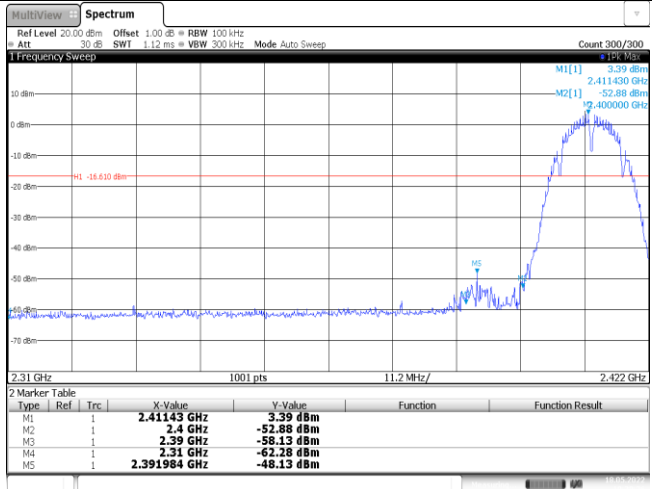
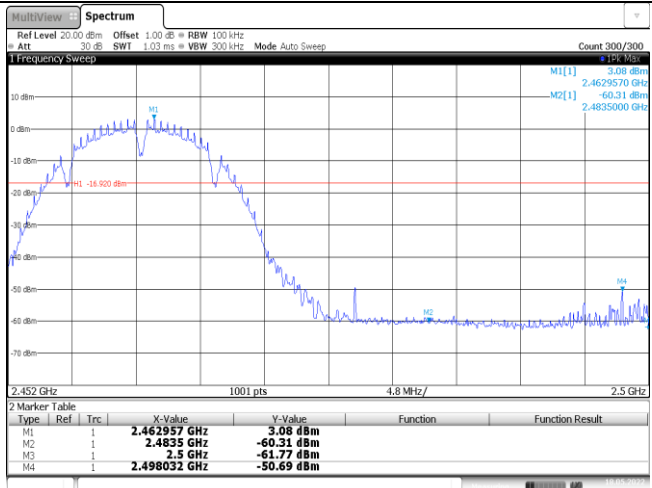
**Appendix E: Duty Cycle**

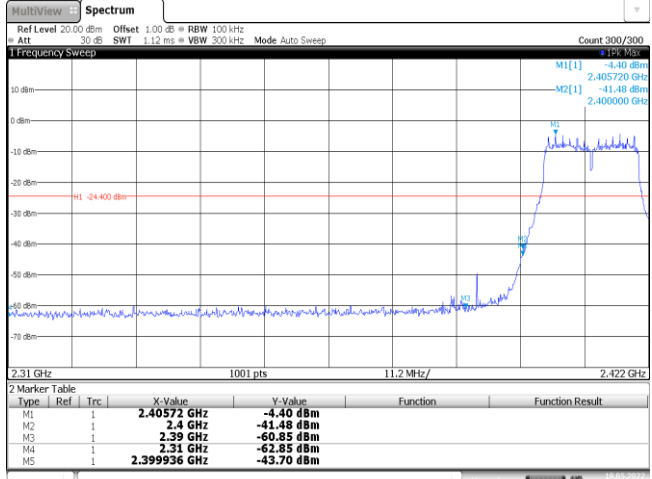
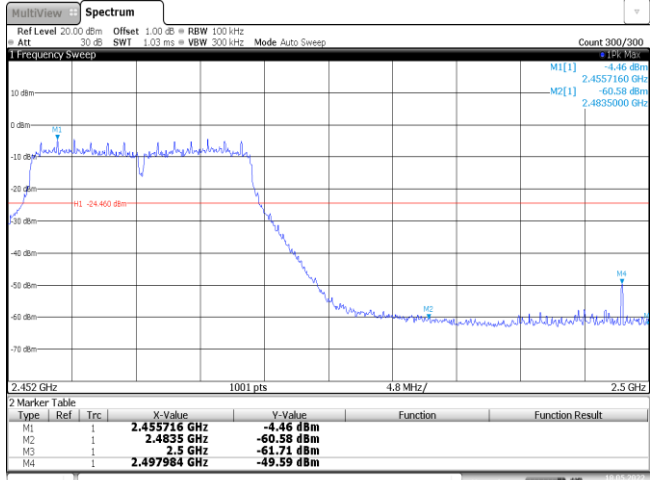
Modulation Type	Test Frequency (MHz)	T <sub>on time</sub> for single burst (ms)	T <sub>period</sub> (ms)	Duty cycle	1/T <sub>on time</sub> (kHz)
11b	2437	8.46	8.61	98.3%	0.1
11g	2437	1.40	1.50	93.3%	0.7
11n20	2437	1.31	1.46	89.7%	0.8
11n40	2437	0.65	0.74	87.8%	1.5

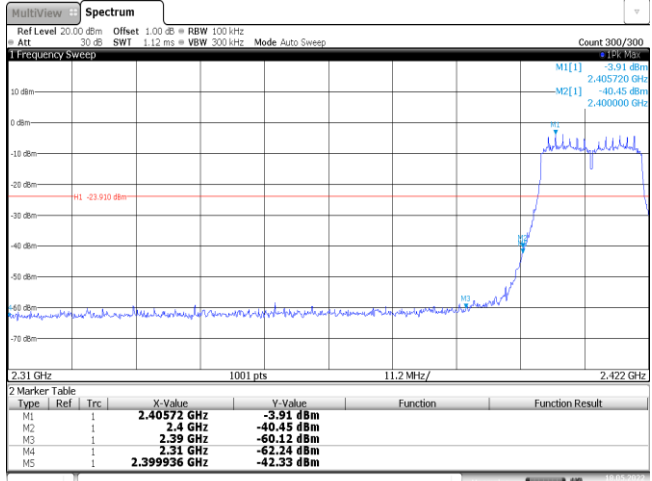
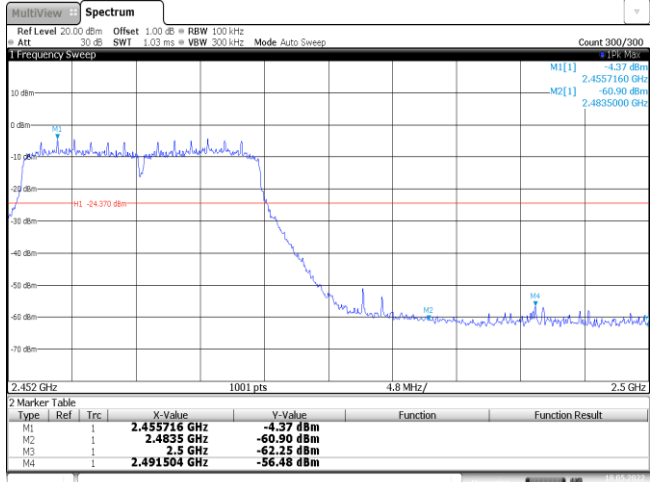


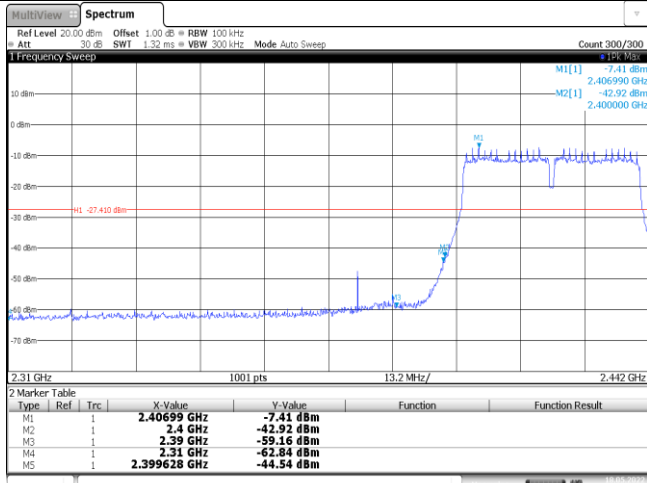
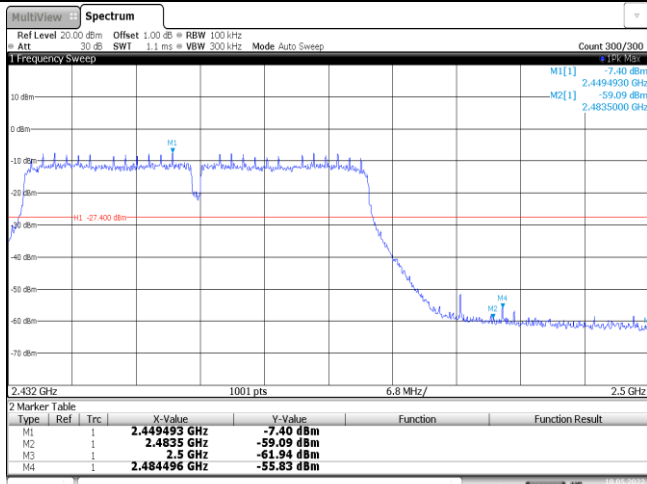


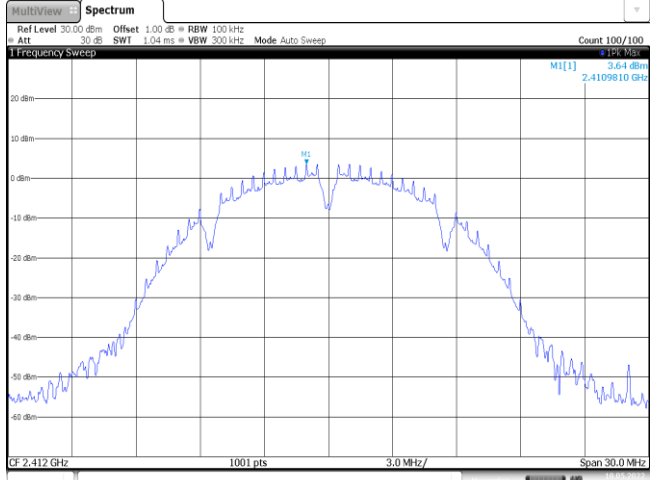
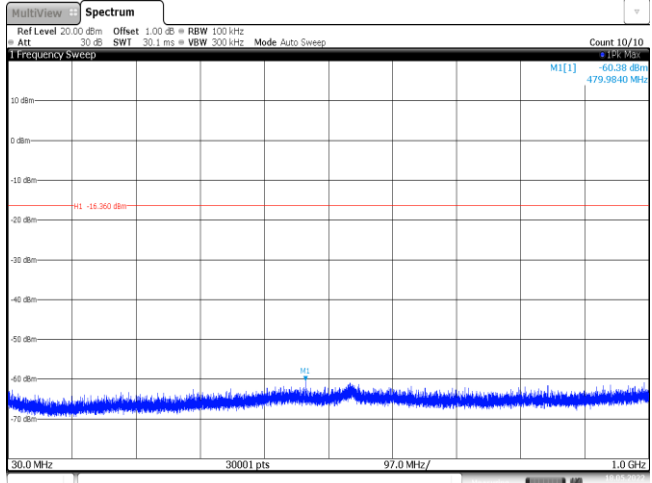
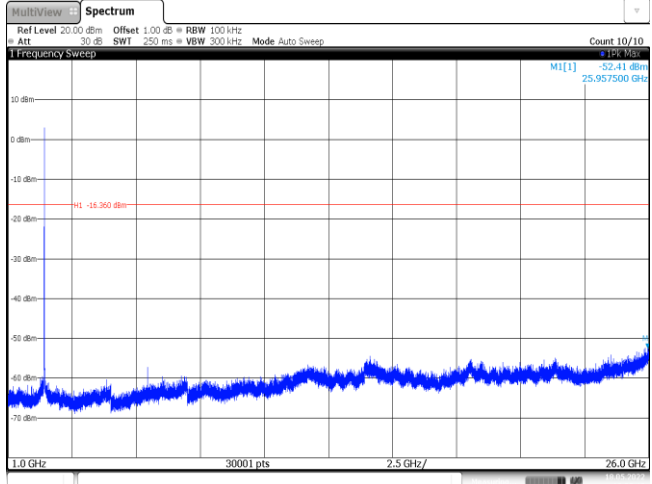
### Appendix F: Band edge and Spurious Emissions (conducted)

Test Item:	Bandedge	Type:	802.11 b																																										
CH01	 <table border="1" data-bbox="683 689 1337 795"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.41143 GHz</td> <td>-3.39 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-52.88 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-58.13 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.28 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.391984 GHz</td> <td>-48.13 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p data-bbox="683 810 798 828">Date: 18 MAY 2022 10:38:26</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41143 GHz	-3.39 dBm			M2	1		2.4 GHz	-52.88 dBm			M3	1		2.39 GHz	-58.13 dBm			M4	1		2.31 GHz	-62.28 dBm			M5	1		2.391984 GHz	-48.13 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M5	1		2.391984 GHz	-48.13 dBm																																									
CH11	 <table border="1" data-bbox="683 1227 1337 1321"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.4621957 GHz</td> <td>-3.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-60.31 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-61.77 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.498032 GHz</td> <td>-50.69 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p data-bbox="683 1337 798 1355">Date: 18 MAY 2022 10:42:27</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.4621957 GHz	-3.08 dBm			M2	1		2.4835 GHz	-60.31 dBm			M3	1		2.5 GHz	-61.77 dBm			M4	1		2.498032 GHz	-50.69 dBm									
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Test Item:	Bandedge	Type:	802.11 g																																										
CH01	 <p><b>2 Marker Table</b></p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.40572 GHz</td> <td>-4.40 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-41.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-60.85 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.85 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399936 GHz</td> <td>-43.70 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2022 11:13:24</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40572 GHz	-4.40 dBm			M2	1		2.4 GHz	-41.48 dBm			M3	1		2.39 GHz	-60.85 dBm			M4	1		2.31 GHz	-62.85 dBm			M5	1		2.399936 GHz	-43.70 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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CH11	 <p><b>2 Marker Table</b></p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.455716 GHz</td> <td>-4.46 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-60.58 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-61.71 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.497984 GHz</td> <td>-49.59 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2022 11:10:67</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.455716 GHz	-4.46 dBm			M2	1		2.4835 GHz	-60.58 dBm			M3	1		2.5 GHz	-61.71 dBm			M4	1		2.497984 GHz	-49.59 dBm									
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Test Item:	Bandedge	Type:	802.11 n(HT20)																																										
CH01		 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>1 Frequency Sweep</p> <p>2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.40572 GHz</td> <td>-3.91 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-40.45 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-60.12 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.24 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399936 GHz</td> <td>-42.33 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2022 11:27:06</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40572 GHz	-3.91 dBm			M2	1		2.4 GHz	-40.45 dBm			M3	1		2.39 GHz	-60.12 dBm			M4	1		2.31 GHz	-62.24 dBm			M5	1		2.399936 GHz	-42.33 dBm			
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CH11		 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>1 Frequency Sweep</p> <p>2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.455716 GHz</td> <td>-4.37 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-60.90 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-62.25 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.491504 GHz</td> <td>-56.48 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2022 11:24:14</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.455716 GHz	-4.37 dBm			M2	1		2.4835 GHz	-60.90 dBm			M3	1		2.5 GHz	-62.25 dBm			M4	1		2.491504 GHz	-56.48 dBm										
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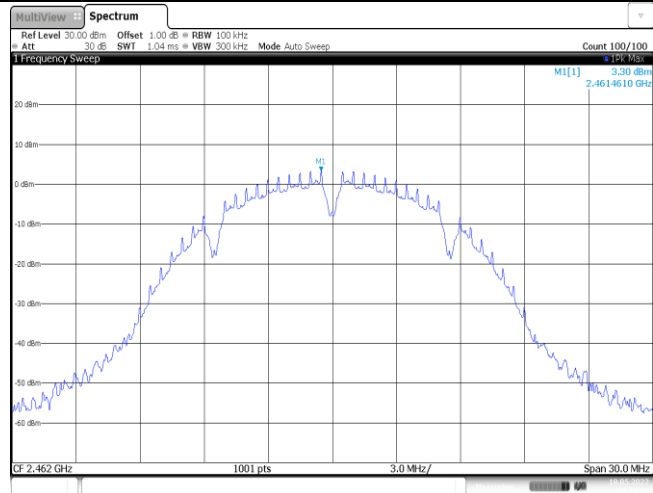
Test Item:	Bandedge	Type:	802.11 n(HT40)																																										
CH03		 <table border="1" data-bbox="683 604 1332 705"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.40699 GHz</td> <td>-7.41 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-42.92 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-59.16 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.84 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399628 GHz</td> <td>-44.54 dBm</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40699 GHz	-7.41 dBm			M2	1		2.4 GHz	-42.92 dBm			M3	1		2.39 GHz	-59.16 dBm			M4	1		2.31 GHz	-62.84 dBm			M5	1		2.399628 GHz	-44.54 dBm			
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M4	1		2.31 GHz	-62.84 dBm																																									
M5	1		2.399628 GHz	-44.54 dBm																																									
CH09		 <table border="1" data-bbox="683 1142 1332 1232"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.449493 GHz</td> <td>-7.40 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-59.09 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-61.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.484496 GHz</td> <td>-55.83 dBm</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.449493 GHz	-7.40 dBm			M2	1		2.4835 GHz	-59.09 dBm			M3	1		2.5 GHz	-61.94 dBm			M4	1		2.484496 GHz	-55.83 dBm										
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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Test Item:	SE	Type:	802.11b
<p>CH01 Reference level</p>		 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] 3.64 dBm 2.4109810 GHz Date: 18 MAY 2022 10:39:13</p>	
<p>CH01 30MHz~1000MHz</p>		 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -60.39 dBm 479.9940 MHz MI -15.90 dBm Date: 18 MAY 2022 10:39:21</p>	
<p>CH01 1GHz~26GHz</p>		 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -52.41 dBm 25.957500 GHz MI -15.90 dBm Date: 18 MAY 2022 10:39:49</p>	



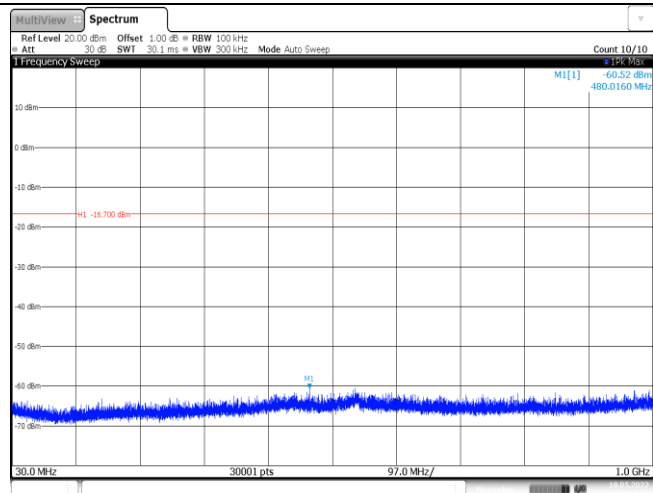
<p>CH06 Reference level</p>	
<p>CH06 30MHz~1000MHz</p>	
<p>CH06 1GHz~26GHz</p>	

CH11  
Reference level



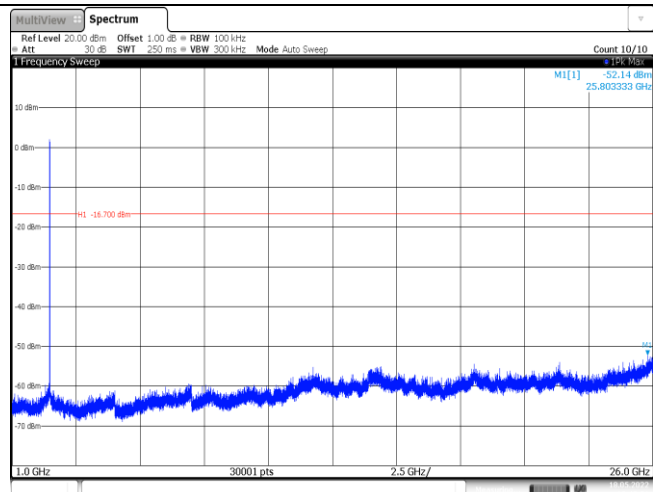
Date: 18 MAY 2022 10:42:55

CH11  
30MHz~1000MHz



Date: 18 MAY 2022 10:43:13

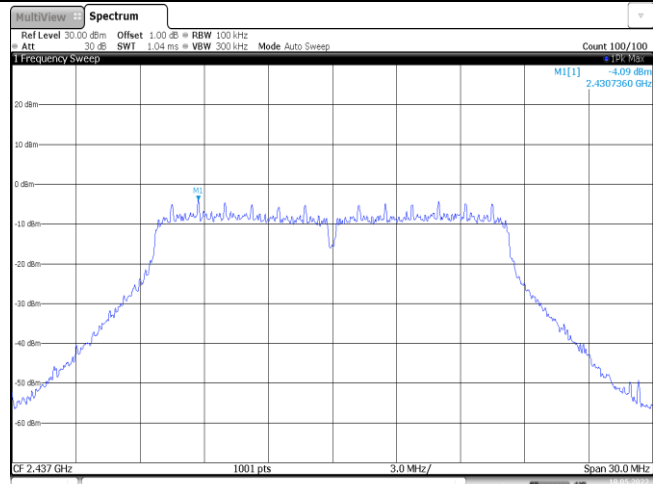
CH11  
1GHz~26GHz



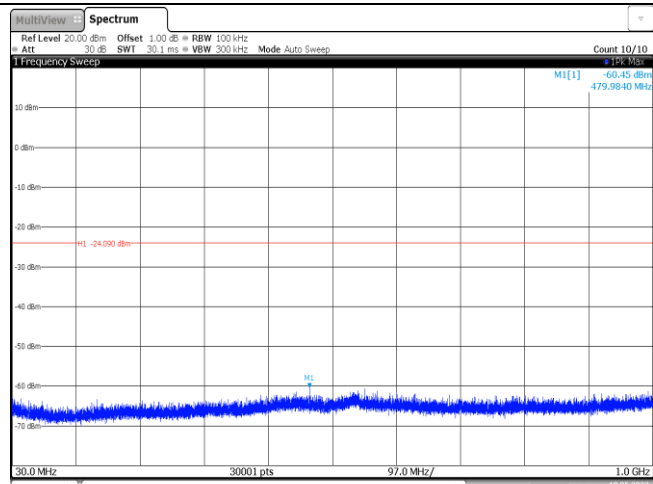
Date: 18 MAY 2022 10:43:21

Test Item:	SE	Type:	802.11g
<p>CH01 Reference level</p>			
<p>CH01 30MHz~1000MHz</p>			
<p>CH01 1GHz~26GHz</p>			

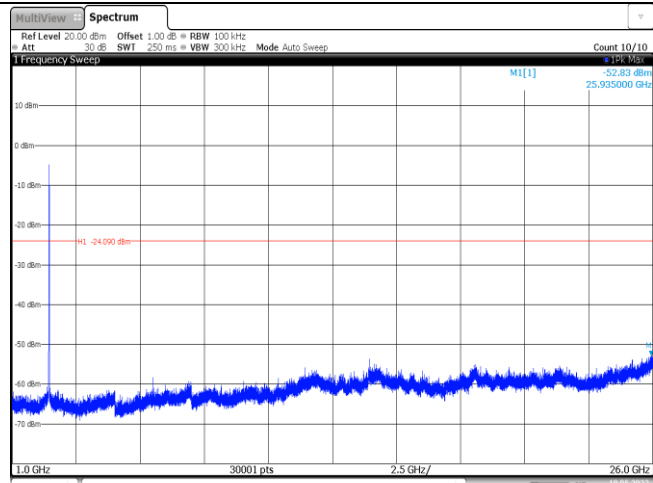
CH06  
Reference level



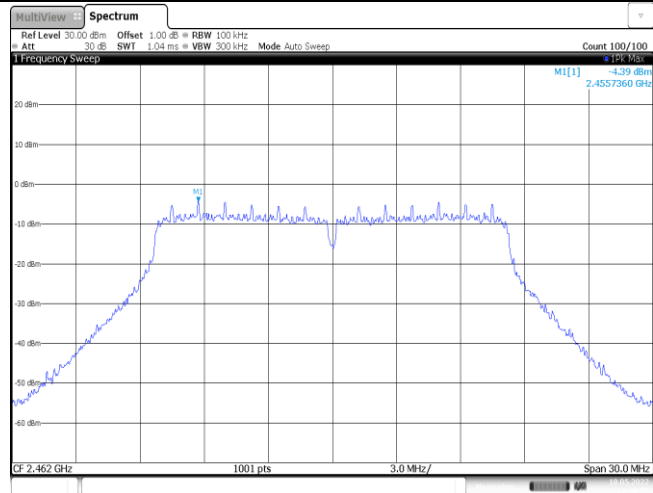
CH06  
30MHz~1000MHz



CH06  
1GHz~26GHz

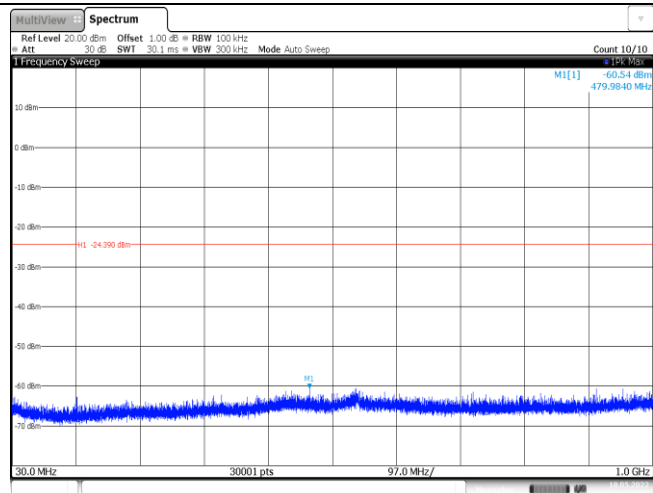


CH11  
Reference level



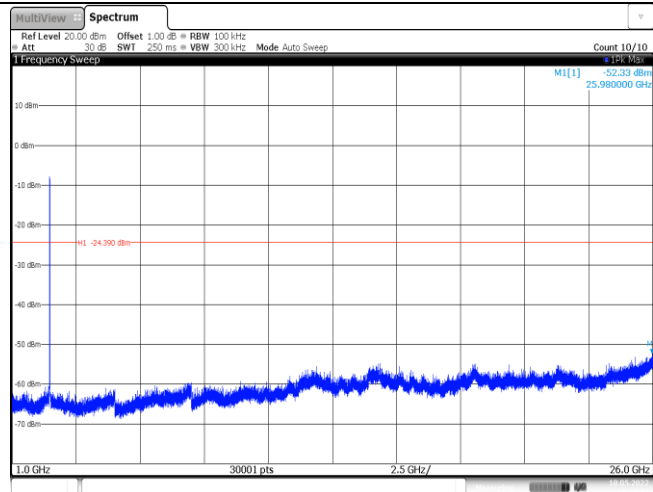
Date: 18 MAY 2022 11:10:20

CH11  
30MHz~1000MHz



Date: 18 MAY 2022 11:10:17

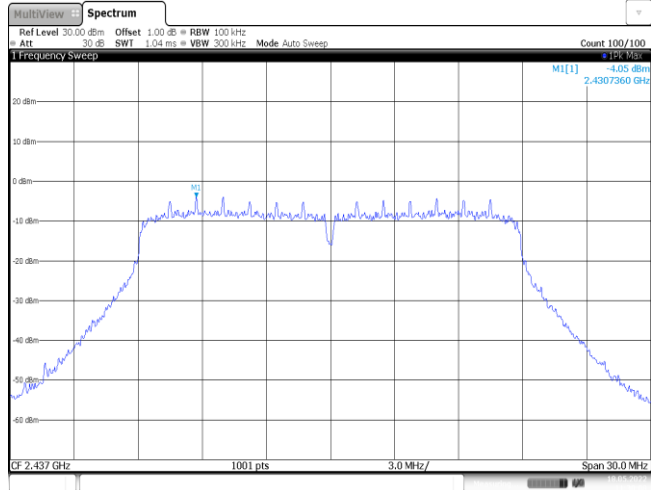
CH11  
1GHz~26GHz



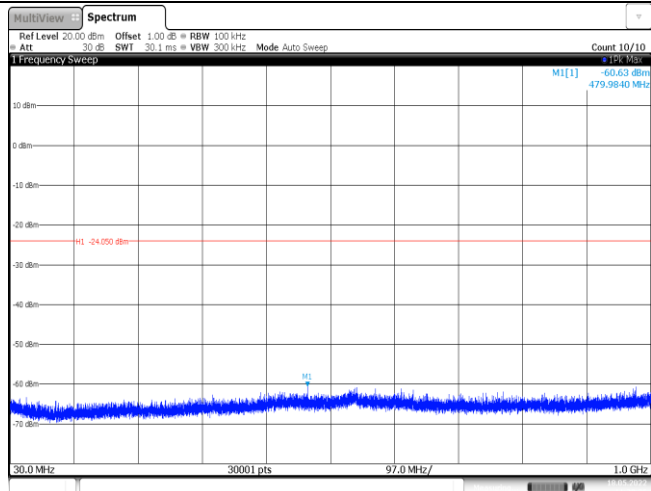
Date: 18 MAY 2022 11:10:56

Test Item:	SE	Type:	802.11n(HT20)
<p>CH01 Reference level</p>			
<p>CH01 30MHz~1000MHz</p>			
<p>CH01 1GHz~26GHz</p>			

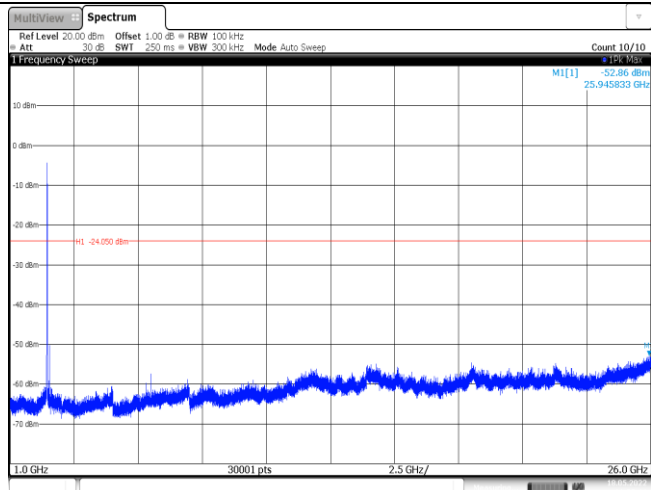
CH06  
Reference level



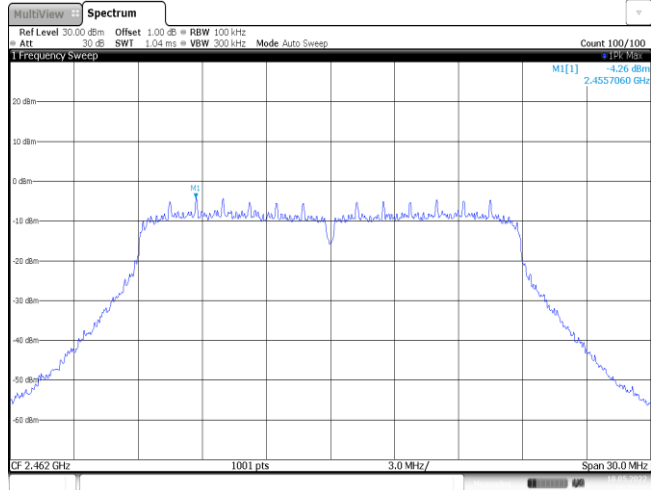
CH06  
30MHz~1000MHz



CH06  
1GHz~26GHz

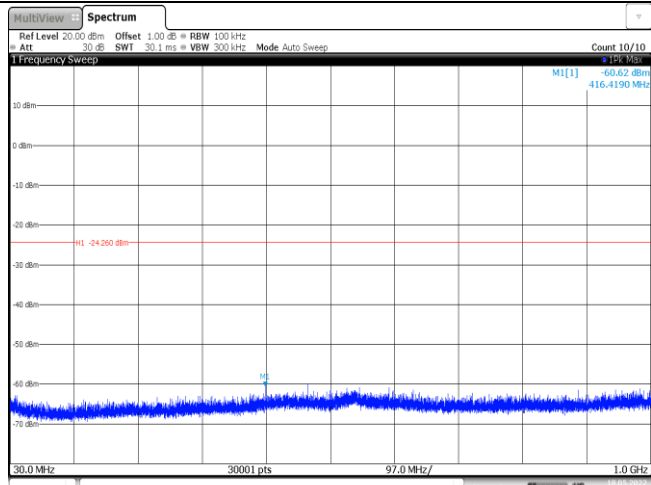


CH11  
Reference level



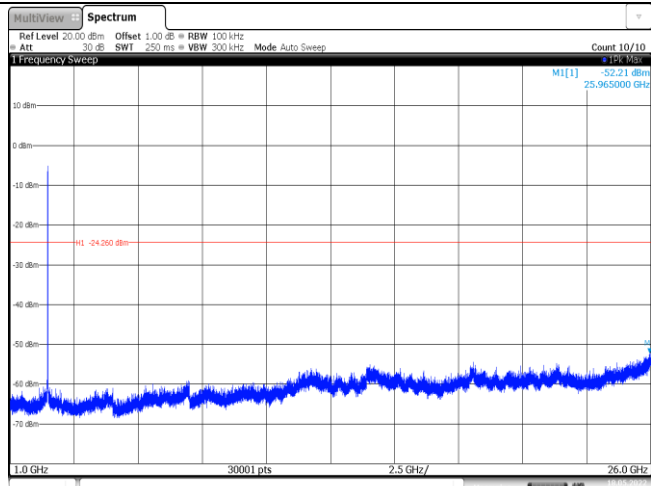
Date: 18 MAY 2022 11:24:26

CH11  
30MHz~1000MHz



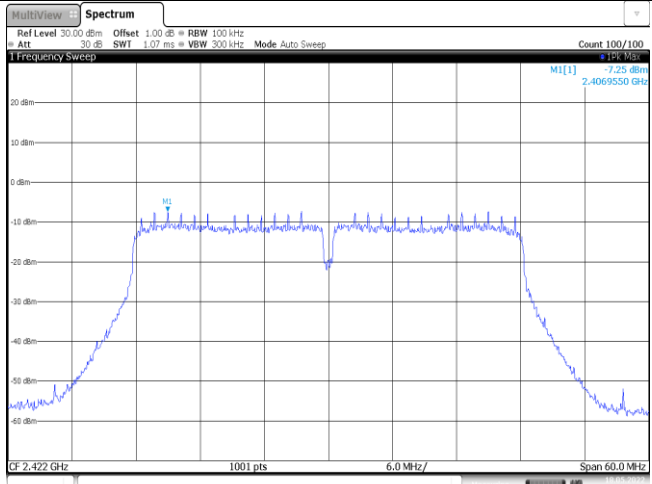
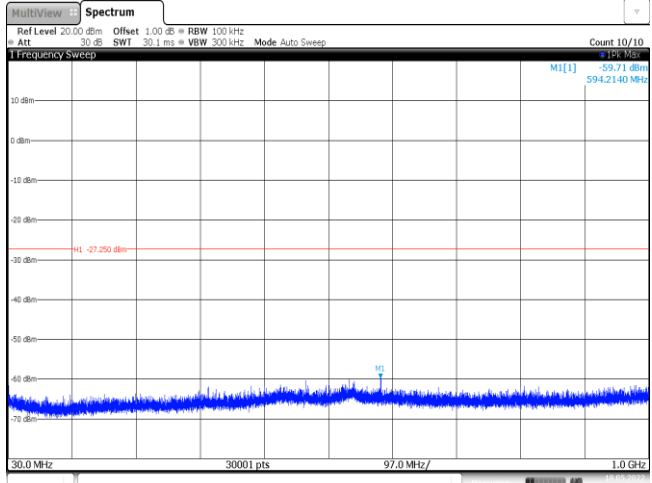
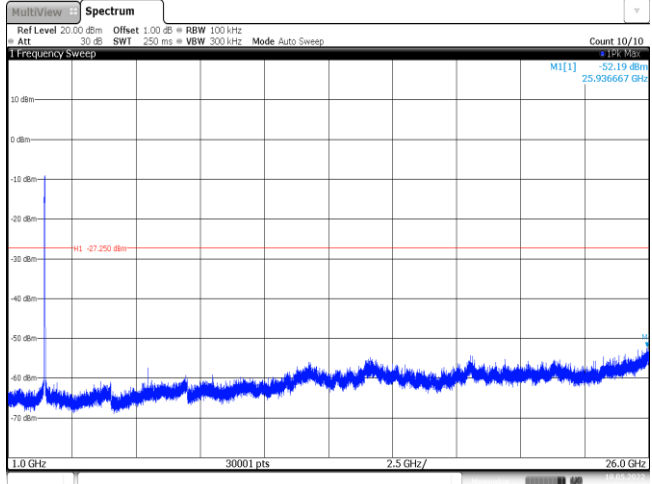
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CH11  
1GHz~26GHz

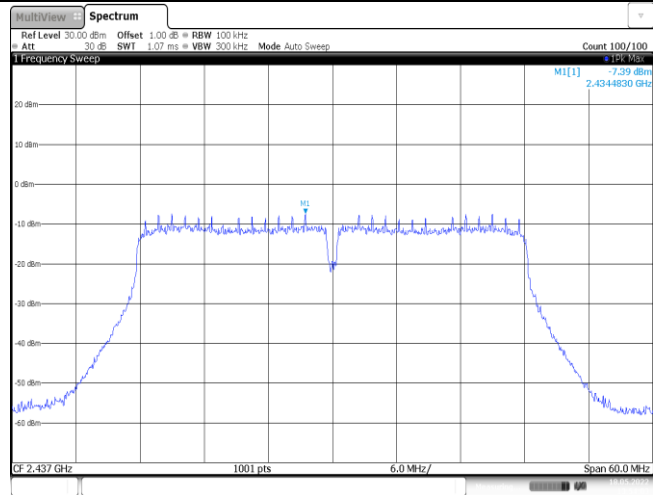


Date: 18 MAY 2022 11:25:02



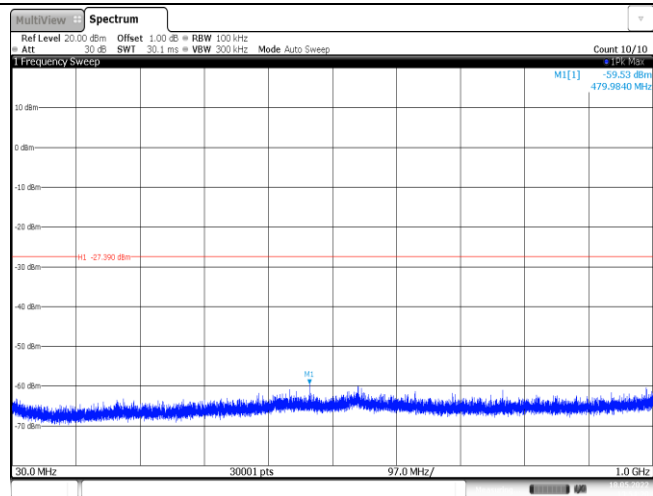
Test Item:	SE	Type:	802.11n(HT40)
<p>CH03 Reference level</p>			 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.07 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] 7.25 dBm 2.4069550 GHz CF 2.422 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 18 MAY 2022 13:46:08</p>
<p>CH03 30MHz~1000MHz</p>			 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -59.71 dBm 594.2140 MHz 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 18 MAY 2022 13:46:25</p>
<p>CH03 1GHz~26GHz</p>			 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -52.19 dBm 25.936667 GHz 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 18 MAY 2022 13:46:43</p>

CH06  
Reference level



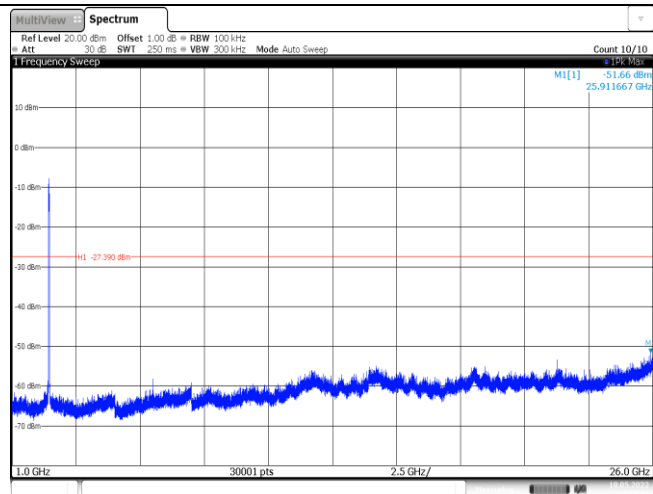
Date: 18 MAY 2022 13:54:23

CH06  
30MHz~1000MHz



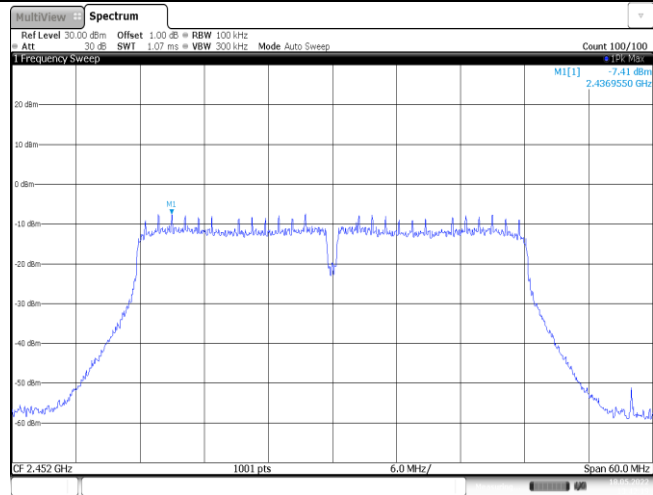
Date: 18 MAY 2022 13:54:21

CH06  
1GHz~26GHz



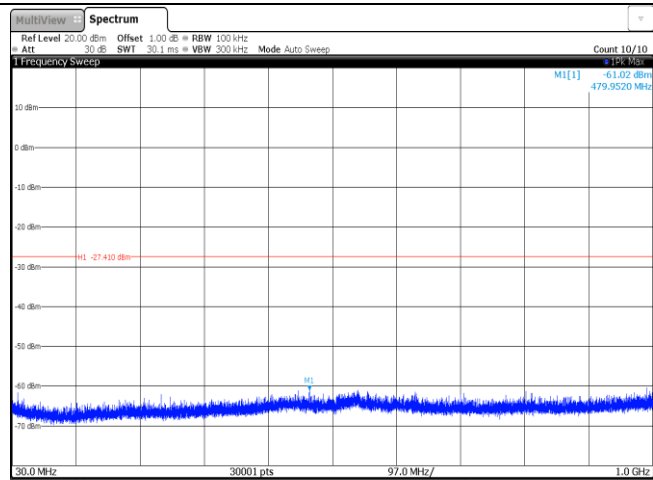
Date: 18 MAY 2022 13:54:40

CH09  
Reference level



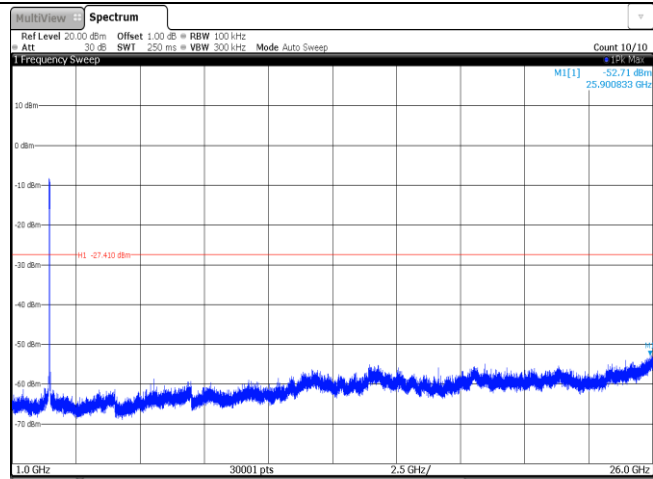
Date: 18 MAY 2022 13:42:18

CH09  
30MHz~1000MHz



Date: 18 MAY 2022 13:42:16

CH09  
1GHz~26GHz



Date: 18 MAY 2022 13:42:55

-----End of Report-----