

# APPENDIX REPORT

Project No.	SHT2111009301EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT21110093003	Model No.	T60
Start test date	2021-11-18	Finish date	2021-11-19
Temperature	24.6°C	Humidity	34%
Test Engineer	Weiyang Xiang	Auditor	Xiaodong Zhe

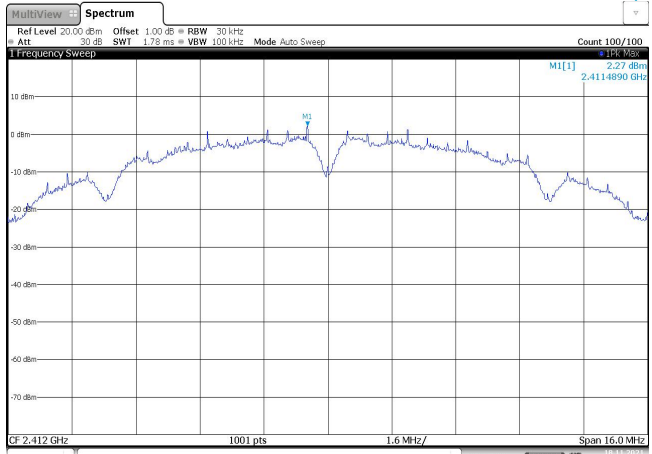
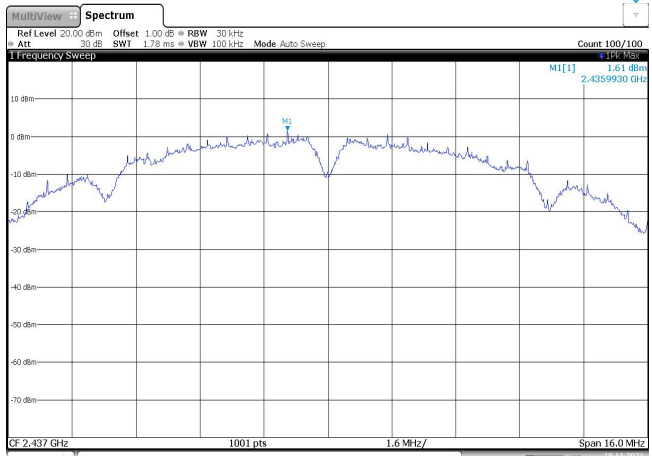
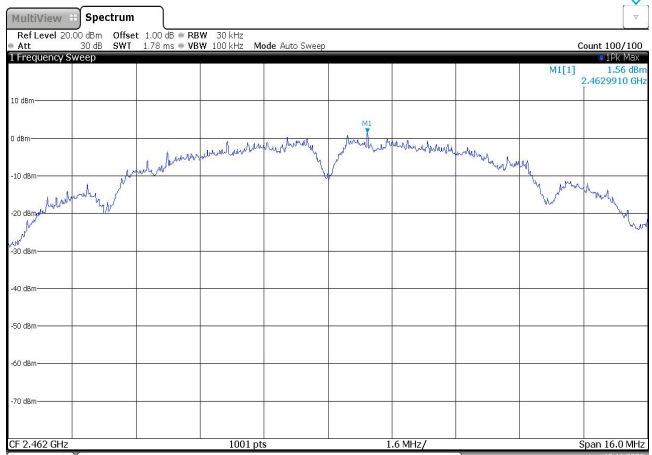
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

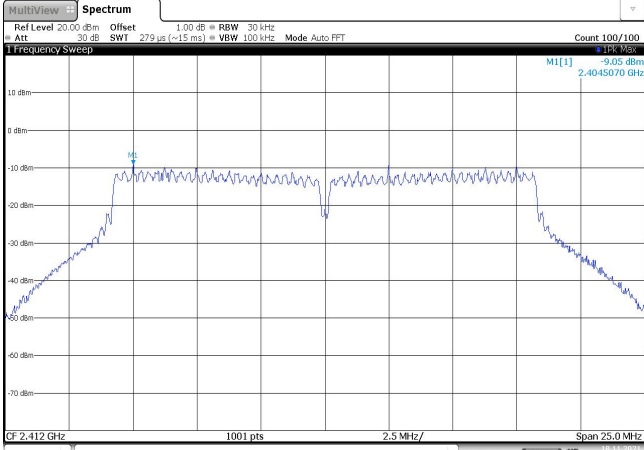
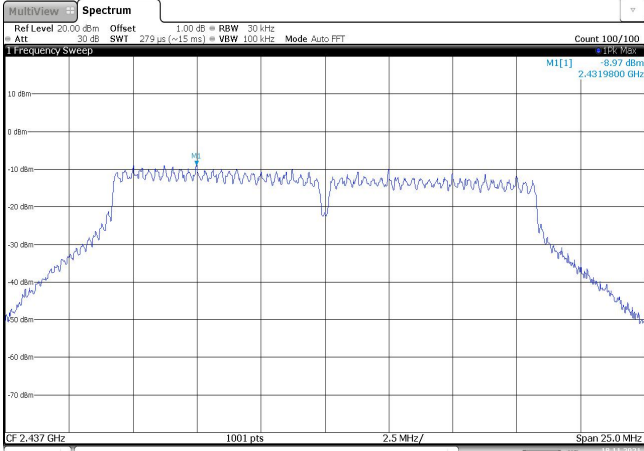
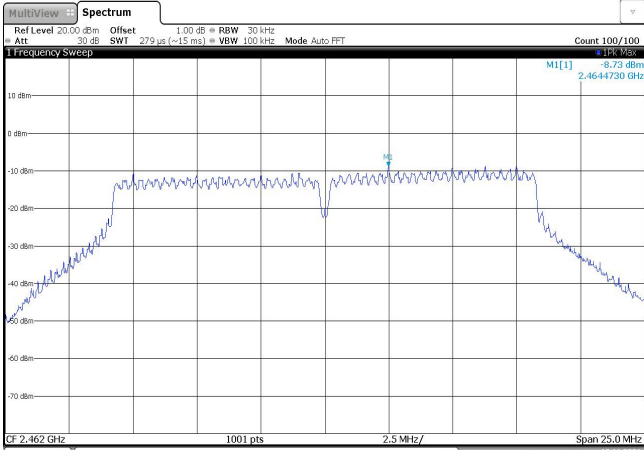
**Appendix A: Conducted Peak Output Power**

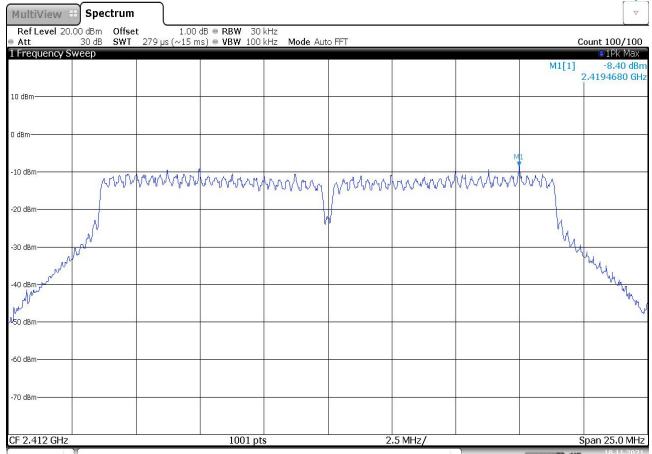
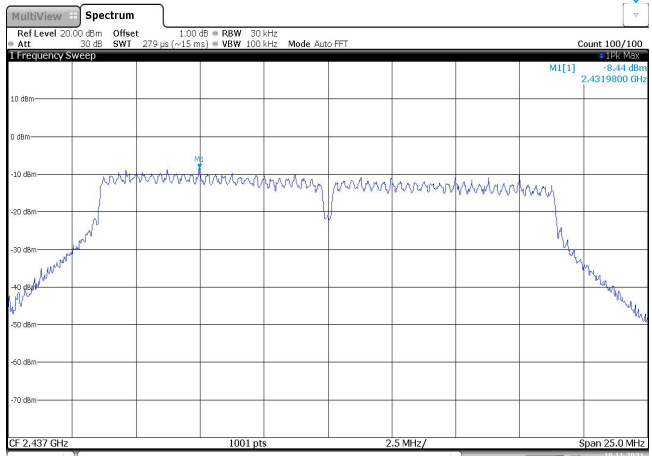
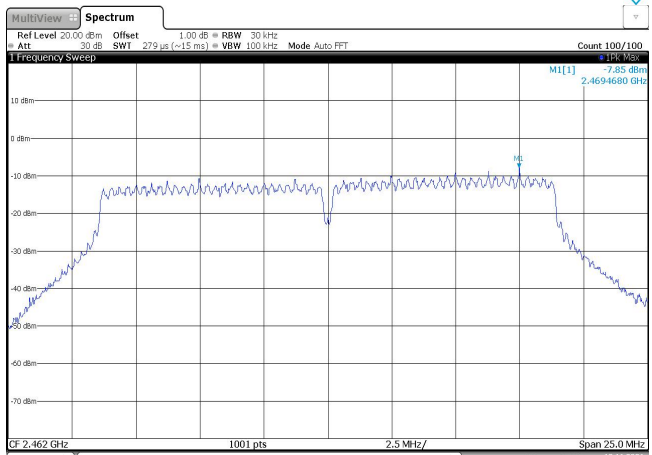
Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	14.92	12.48	≤ 30.00	Pass
	06	15.40	12.97		
	11	15.17	12.77		
802.11g	01	15.06	13.09	≤ 30.00	Pass
	06	15.56	13.56		
	11	14.97	12.96		
802.11n (HT20)	01	15.23	13.10	≤ 30.00	Pass
	06	15.50	13.66		
	11	14.99	13.06		
802.11n(HT40)	03	14.72	12.55	≤ 30.00	Pass
	06	14.61	12.43		
	09	15.30	13.13		

**Appendix B: Power Spectral Density**

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	2.27	≤8.00	Pass
	06	1.61		
	11	1.56		
802.11g	01	-9.05	≤8.00	Pass
	06	-8.97		
	11	-8.73		
802.11n(HT20)	01	-8.40	≤8.00	Pass
	06	-8.44		
	11	-7.85		
802.11n(HT40)	03	-11.85	≤8.00	Pass
	06	-12.54		
	09	-12.52		

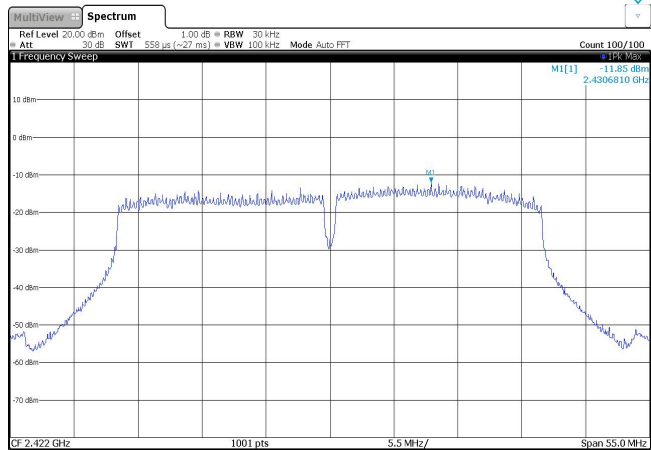
Type:	802.11 b
CH01	 <p>MultiView Spectrum              Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz              Att 30 dB SWI 1.78 ms VBW 100 kHz Mode Auto Sweep              Count 100/100              1 Frequency Sweep              M1[1] 11.61 dBm              2.414890 GHz              CF 2.412 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz              Date: 18 NOV 2021 19:34:08</p>
CH06	 <p>MultiView Spectrum              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              1 Frequency Sweep              M1[1] 11.61 dBm              2.4359930 GHz              CF 2.437 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz              Date: 18 NOV 2021 19:36:45</p>
CH11	 <p>MultiView Spectrum              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              1 Frequency Sweep              M1[1] 11.50 dBm              2.4629910 GHz              CF 2.462 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz              Date: 18 NOV 2021 19:38:33</p>

Type:	802.11 g
CH01	 <p>MultiView Spectrum            Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz            Att 30 dB SWI 279 μs (~15 ms) VBW 100 kHz Mode Auto FFT Count 100/100            1 Frequency Sweep            M1[1] -9.02 dBm 2.404570 GHz            CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz            Date: 18 NOV 2021 19:44:51</p>
CH06	 <p>MultiView Spectrum            Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz            Att 30 dB SWI 279 μs (~15 ms) VBW 100 kHz Mode Auto FFT Count 100/100            1 Frequency Sweep            M1[1] -9.91 dBm 2.4319800 GHz            CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz            Date: 18 NOV 2021 19:46:45</p>
CH11	 <p>MultiView Spectrum            Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz            Att 30 dB SWI 279 μs (~15 ms) VBW 100 kHz Mode Auto FFT Count 100/100            1 Frequency Sweep            M1[1] -9.72 dBm 2.4644730 GHz            CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz            Date: 18 NOV 2021 19:53:00</p>

Type:	802.11n(HT20)
CH01	 <p>MultiView Spectrum            Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz            Att 30 dB SWI 279 μs (~15 ms) # VBW 100 kHz Mode Auto FFT            Count 100/100            1 Frequency Sweep            M1[1] -8.44 dBm            2.4194680 GHz            CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz            Date: 18 NOV 2021 18:58:20</p>
CH06	 <p>MultiView Spectrum            Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz            Att 30 dB SWI 279 μs (~15 ms) # VBW 100 kHz Mode Auto FFT            Count 100/100            1 Frequency Sweep            M1[1] -8.44 dBm            2.4319800 GHz            CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz            Date: 18 NOV 2021 20:03:09</p>
CH11	 <p>MultiView Spectrum            Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz            Att 30 dB SWI 279 μs (~15 ms) # VBW 100 kHz Mode Auto FFT            Count 100/100            1 Frequency Sweep            M1[1] -7.65 dBm            2.4694680 GHz            CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz            Date: 18 NOV 2021 20:09:21</p>

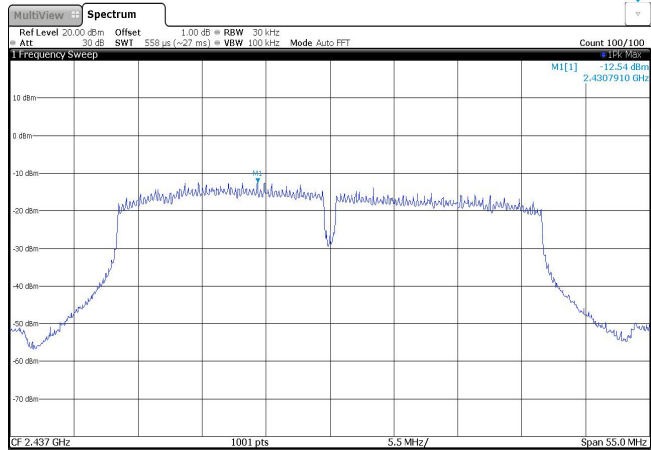
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CH03



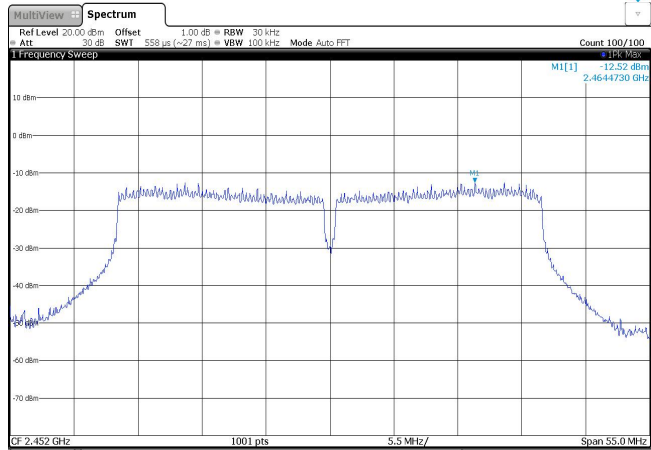
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CH06



Date: 18 NOV 2021 20:23:44

CH09

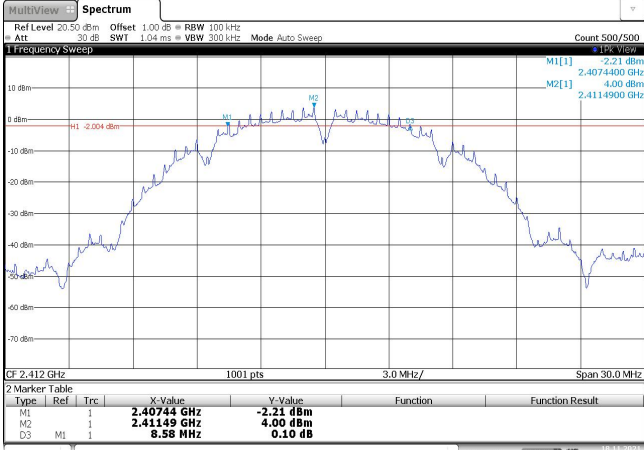
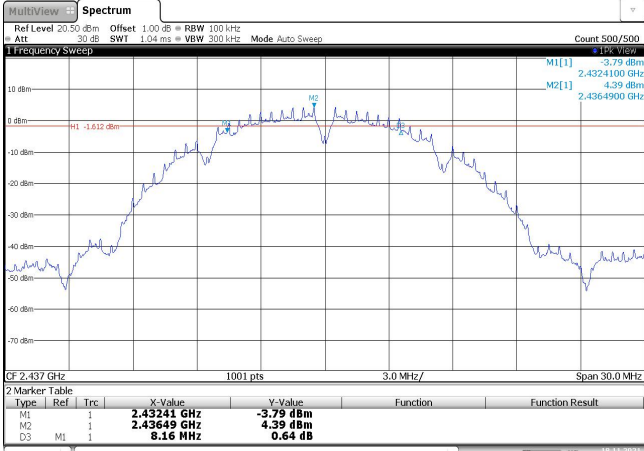
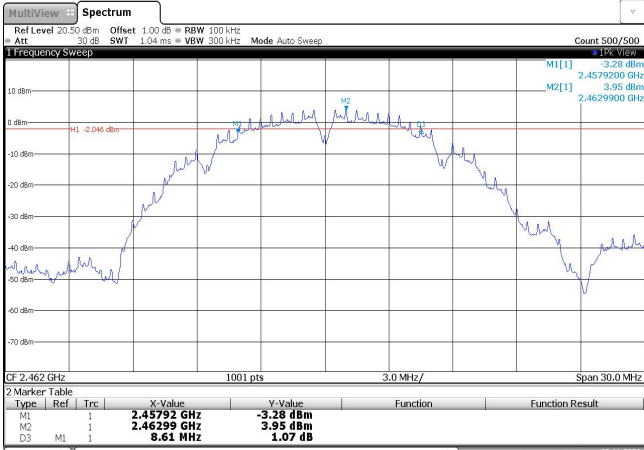


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**Appendix C: 6dB bandwidth**

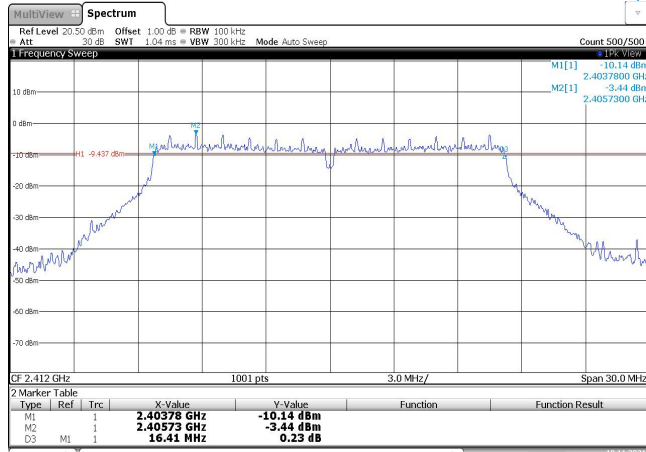
Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	8.58	≥0.5	Pass
	06	8.16		
	11	8.61		
802.11g	01	16.41	≥0.5	Pass
	06	15.99		
	11	16.14		
802.11n(HT20)	01	17.67	≥0.5	Pass
	06	16.44		
	11	17.25		
802.11n(HT40)	03	35.22	≥0.5	Pass
	06	35.22		
	09	35.94		



Type:	802.11 b																												
CH01	 <p>Count 500/500</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep</p> <p>1 Frequency Sweep</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>2.40744 GHz</td> <td>-2.21 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.41149 GHz</td> <td>4.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>8.58 MHz</td> <td>0.10 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <p>Date: 18 NOV 2021 19:33:08</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40744 GHz	-2.21 dBm			M2	1		2.41149 GHz	4.00 dBm			D3	M1	1	8.58 MHz	0.10 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.40744 GHz	-2.21 dBm																									
M2	1		2.41149 GHz	4.00 dBm																									
D3	M1	1	8.58 MHz	0.10 dB																									
CH06	 <p>Count 500/500</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep</p> <p>1 Frequency Sweep</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>2.43241 GHz</td> <td>-3.79 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.43649 GHz</td> <td>4.39 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>8.16 MHz</td> <td>0.64 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>CF 2.437 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <p>Date: 18 NOV 2021 19:35:52</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.43241 GHz	-3.79 dBm			M2	1		2.43649 GHz	4.39 dBm			D3	M1	1	8.16 MHz	0.64 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.43241 GHz	-3.79 dBm																									
M2	1		2.43649 GHz	4.39 dBm																									
D3	M1	1	8.16 MHz	0.64 dB																									
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Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.45792 GHz	-3.28 dBm																									
M2	1		2.46299 GHz	3.95 dBm																									
D3	M1	1	8.61 MHz	1.07 dB																									

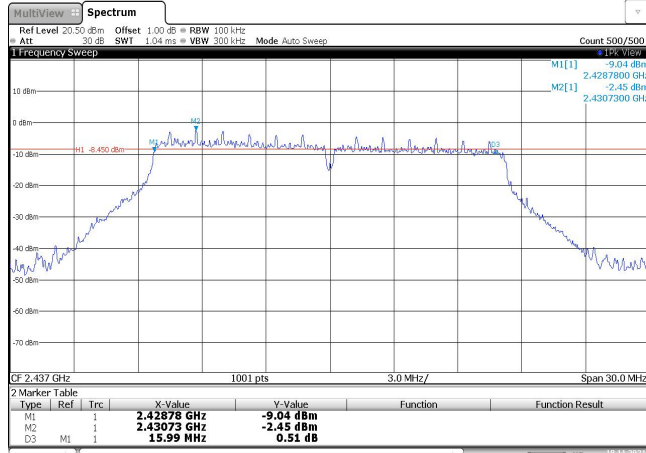
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CH01



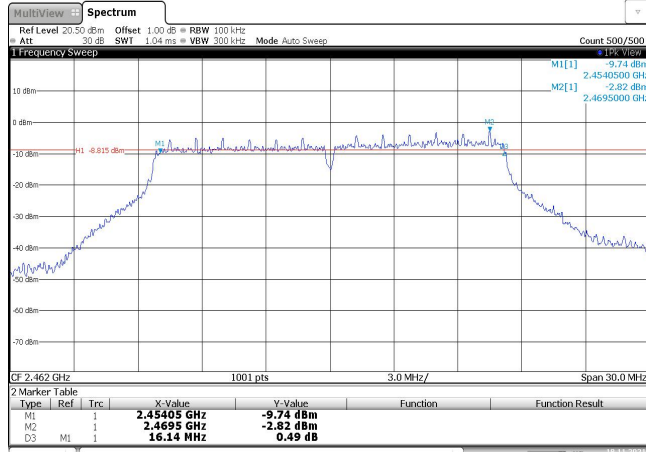
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CH06



Date: 18 NOV 2021 19:46:49

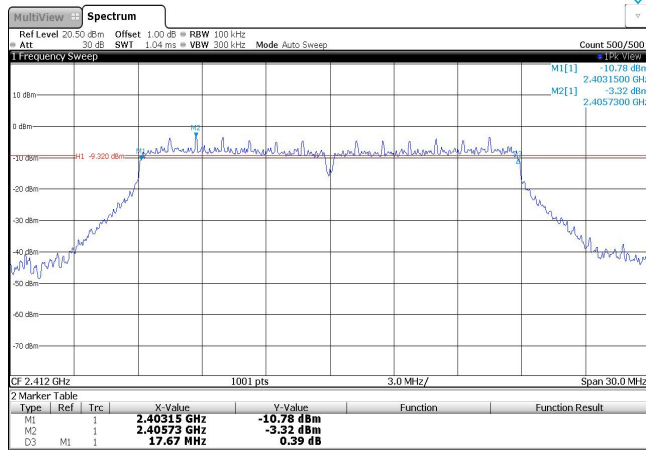
CH11



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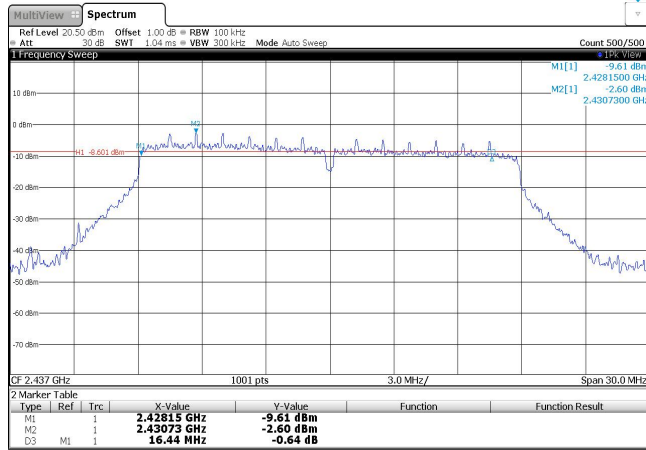
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CH01



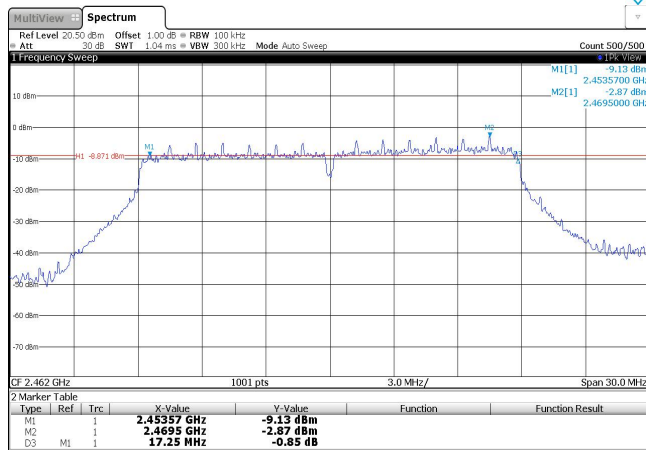
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CH06

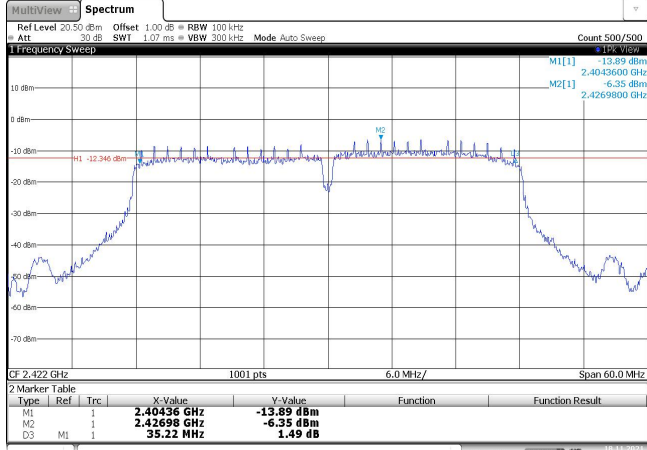
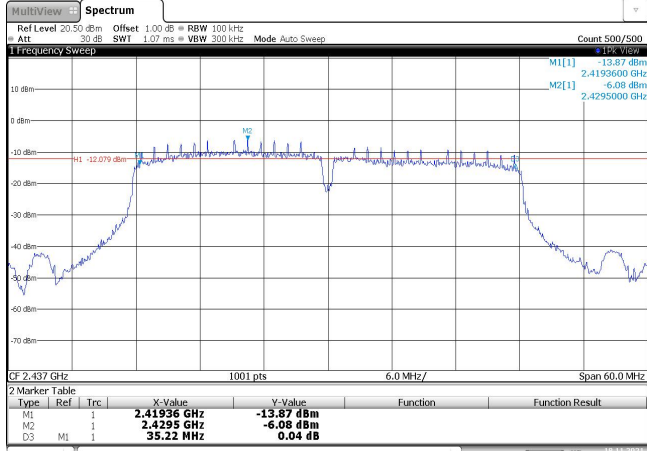
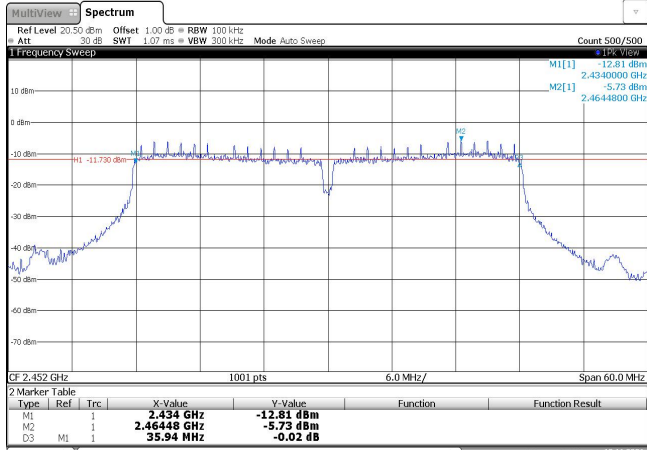


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CH11



Date: 18 NOV 2021 20:06:09

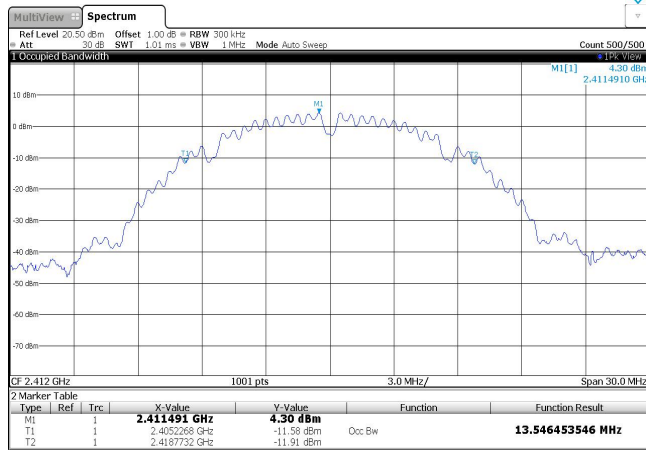
Type:	802.11n(HT40)																												
CH03	 <p><b>2 Marker Table</b></p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.40436 GHz</td> <td>-13.89 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.42698 GHz</td> <td>-6.35 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>35.22 MHz</td> <td>1.49 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 20:24:07</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40436 GHz	-13.89 dBm			M2	1		2.42698 GHz	-6.35 dBm			D3	M1	1	35.22 MHz	1.49 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.40436 GHz	-13.89 dBm																									
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CH06	 <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>2.41936 GHz</td> <td>-13.87 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4295 GHz</td> <td>-6.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>35.22 MHz</td> <td>0.04 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 20:21:28</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41936 GHz	-13.87 dBm			M2	1		2.4295 GHz	-6.08 dBm			D3	M1	1	35.22 MHz	0.04 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.41936 GHz	-13.87 dBm																									
M2	1		2.4295 GHz	-6.08 dBm																									
D3	M1	1	35.22 MHz	0.04 dB																									
CH09	 <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>2.434 GHz</td> <td>-12.81 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.46448 GHz</td> <td>-5.73 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>35.94 MHz</td> <td>-0.02 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 20:25:08</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.434 GHz	-12.81 dBm			M2	1		2.46448 GHz	-5.73 dBm			D3	M1	1	35.94 MHz	-0.02 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.434 GHz	-12.81 dBm																									
M2	1		2.46448 GHz	-5.73 dBm																									
D3	M1	1	35.94 MHz	-0.02 dB																									

**Appendix D: 99% Occupied Bandwidth**

Type	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	13.55	-	Pass
	06	13.37		
	11	12.92		
802.11g	01	17.32	-	Pass
	06	17.14		
	11	17.17		
802.11n(HT20)	01	18.28	-	Pass
	06	18.07		
	11	18.13		
802.11n(HT40)	03	36.20	-	Pass
	06	36.08		
	09	36.80		

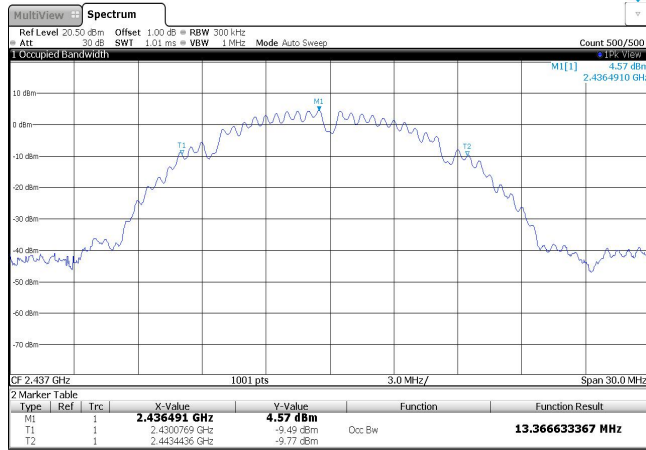
**Type:** **802.11 b**

CH01



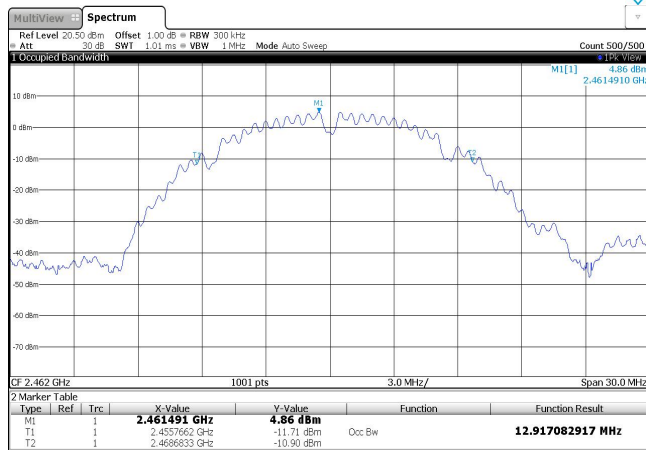
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CH06

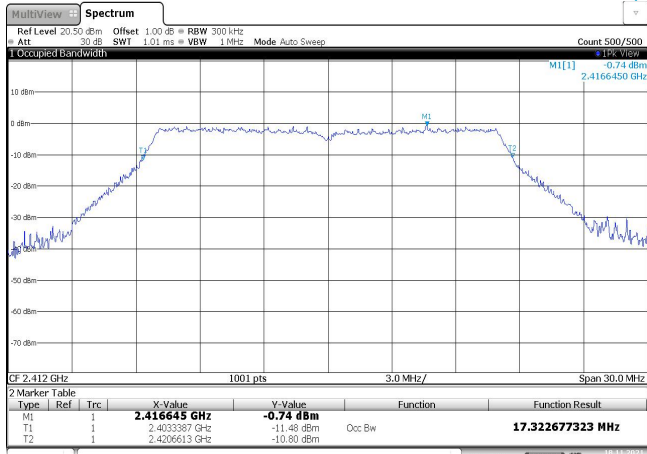
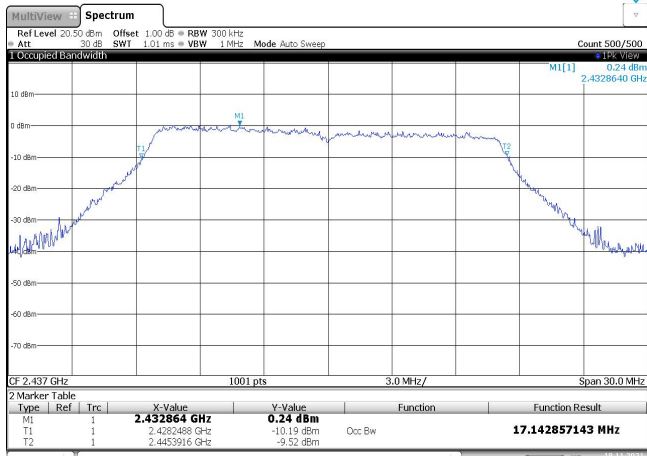
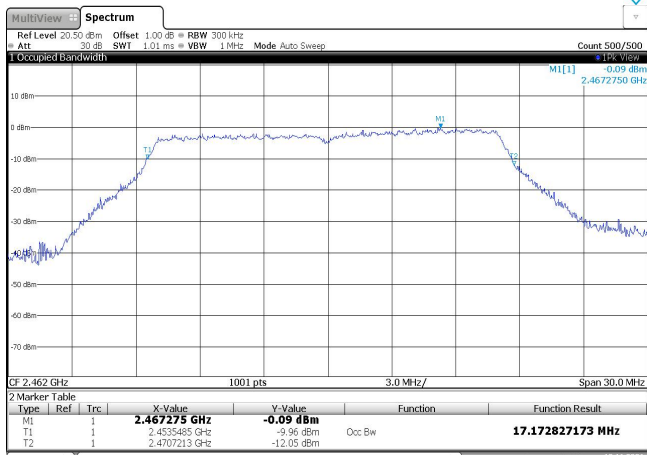


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CH11

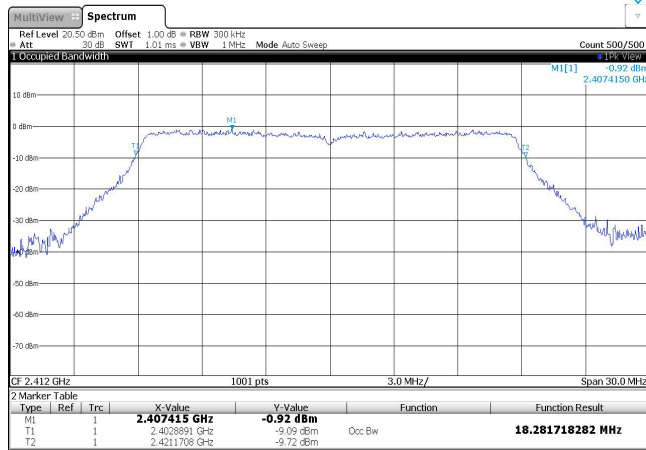


Date: 18 NOV 2021 19:28:20

Type:	802.11 g																												
CH01	 <p>MultiView Spectrum          Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz          Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep          Count 500/500          1 Occupied Bandwidth M1(1) -0.74 dBm 2.4166450 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>2.416645 GHz</td> <td>-0.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4033387 GHz</td> <td>-11.48 dBm</td> <td>Occ Bw</td> <td>17.322677323 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4206613 GHz</td> <td>-10.80 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 19:42:41</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.416645 GHz	-0.74 dBm			T1	1		2.4033387 GHz	-11.48 dBm	Occ Bw	17.322677323 MHz	T2	1		2.4206613 GHz	-10.80 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.416645 GHz	-0.74 dBm																									
T1	1		2.4033387 GHz	-11.48 dBm	Occ Bw	17.322677323 MHz																							
T2	1		2.4206613 GHz	-10.80 dBm																									
CH06	 <p>MultiView Spectrum          Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz          Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep          Count 500/500          1 Occupied Bandwidth M1(1) 0.24 dBm 2.4328640 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>2.432864 GHz</td> <td>0.24 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4282488 GHz</td> <td>-10.19 dBm</td> <td>Occ Bw</td> <td>17.142857143 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4453916 GHz</td> <td>-9.52 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 19:46:58</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.432864 GHz	0.24 dBm			T1	1		2.4282488 GHz	-10.19 dBm	Occ Bw	17.142857143 MHz	T2	1		2.4453916 GHz	-9.52 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.432864 GHz	0.24 dBm																									
T1	1		2.4282488 GHz	-10.19 dBm	Occ Bw	17.142857143 MHz																							
T2	1		2.4453916 GHz	-9.52 dBm																									
CH11	 <p>MultiView Spectrum          Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz          Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep          Count 500/500          1 Occupied Bandwidth M1(1) -0.09 dBm 2.4672750 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>2.467275 GHz</td> <td>-0.09 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4535485 GHz</td> <td>-9.96 dBm</td> <td>Occ Bw</td> <td>17.172827173 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4707213 GHz</td> <td>-12.05 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 19:50:21</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.467275 GHz	-0.09 dBm			T1	1		2.4535485 GHz	-9.96 dBm	Occ Bw	17.172827173 MHz	T2	1		2.4707213 GHz	-12.05 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.467275 GHz	-0.09 dBm																									
T1	1		2.4535485 GHz	-9.96 dBm	Occ Bw	17.172827173 MHz																							
T2	1		2.4707213 GHz	-12.05 dBm																									

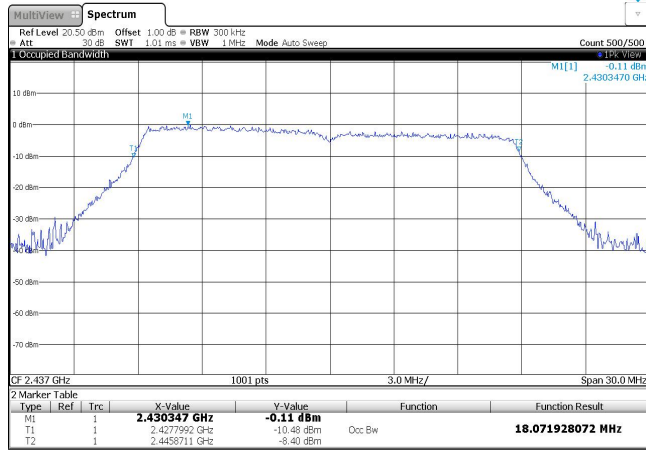
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CH01



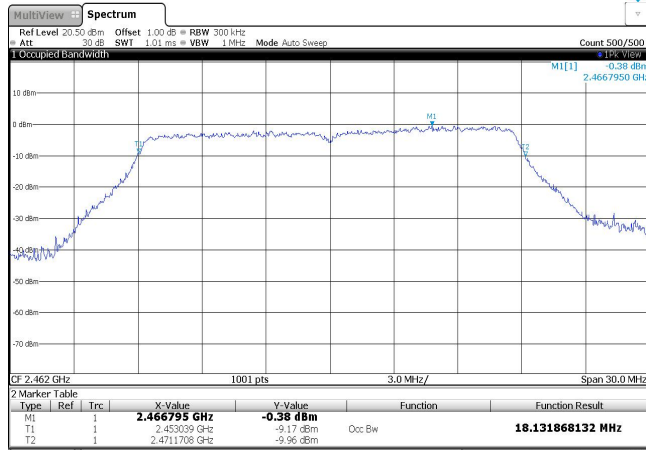
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CH06



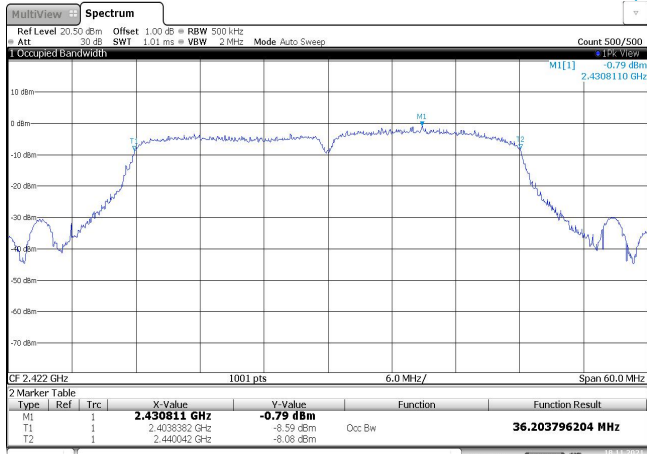
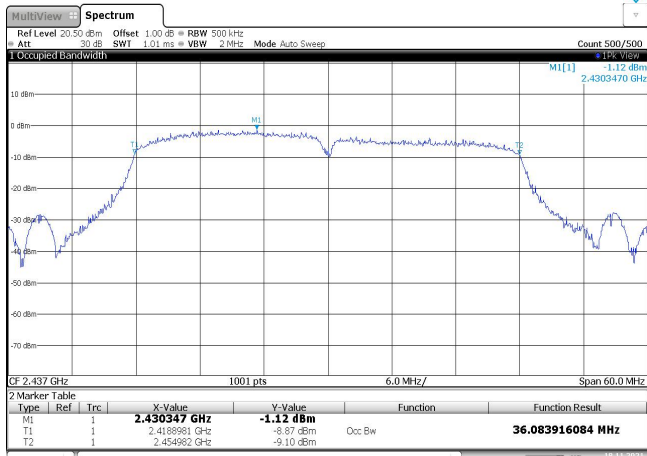
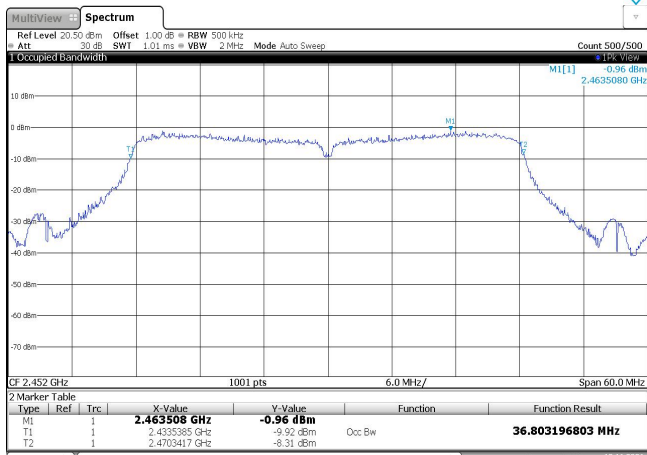
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CH11



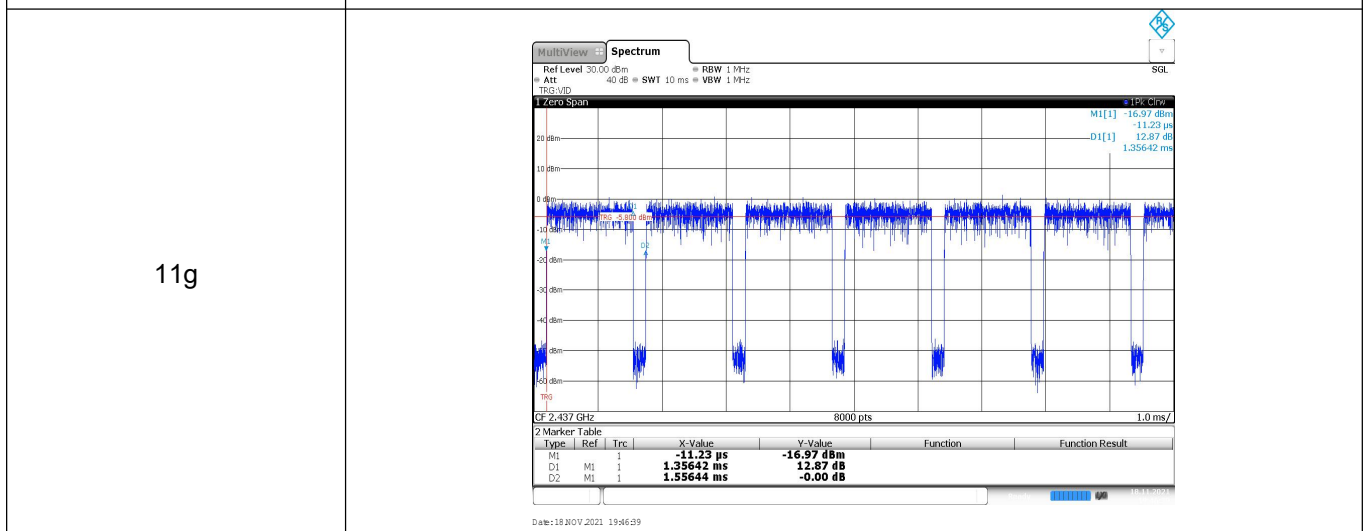
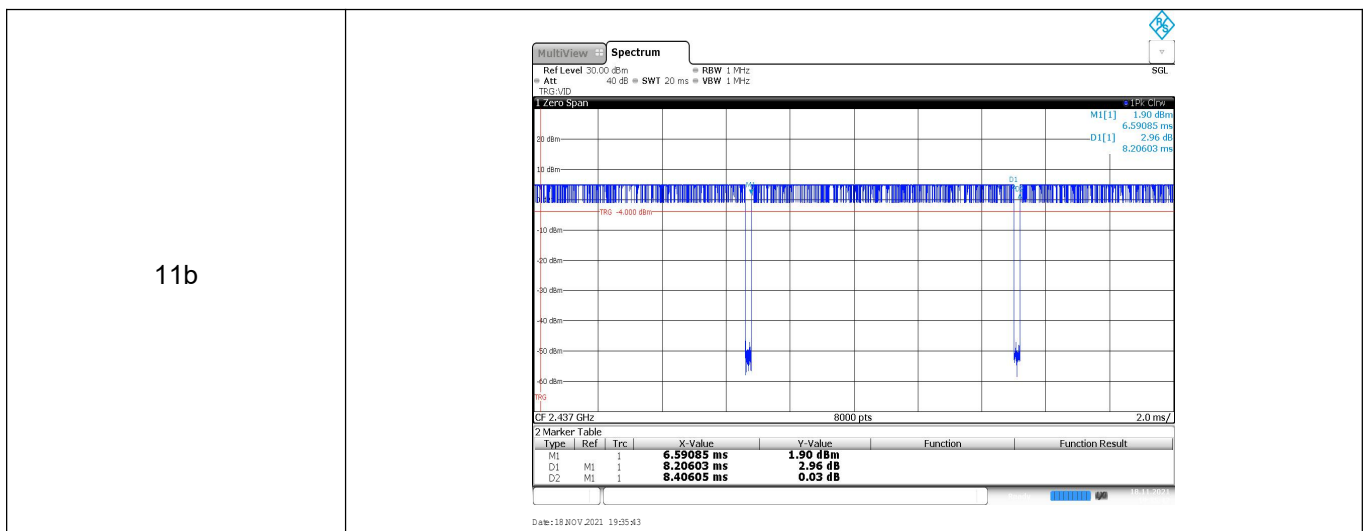
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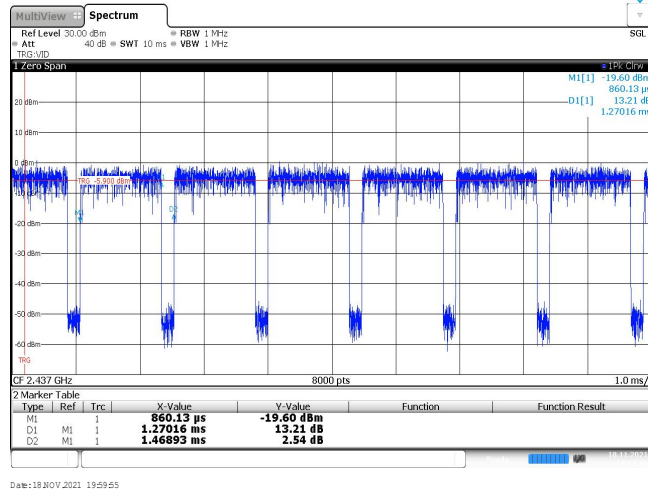
Type:	802.11n(HT40)																												
CH03	 <p>MultiView Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep</p> <p>Count 500/500</p> <p>Occupied Bandwidth</p> <p>M1(1) -0.79 dBm 2.4308110 GHz</p> <p>CF 2.422 GHz 1001 pts 6.0 MHz/ Span 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>2.430811 GHz</td> <td>-0.79 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4038382 GHz</td> <td>-8.59 dBm</td> <td>Occ Bw</td> <td>36.203796204 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.440042 GHz</td> <td>-8.08 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 20:24:56</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.430811 GHz	-0.79 dBm			T1	1		2.4038382 GHz	-8.59 dBm	Occ Bw	36.203796204 MHz	T2	1		2.440042 GHz	-8.08 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.430811 GHz	-0.79 dBm																									
T1	1		2.4038382 GHz	-8.59 dBm	Occ Bw	36.203796204 MHz																							
T2	1		2.440042 GHz	-8.08 dBm																									
CH06	 <p>MultiView Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep</p> <p>Count 500/500</p> <p>Occupied Bandwidth</p> <p>M1(1) -1.12 dBm 2.4303470 GHz</p> <p>CF 2.437 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>2.430347 GHz</td> <td>-1.12 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4188981 GHz</td> <td>-8.87 dBm</td> <td>Occ Bw</td> <td>36.083916084 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.454962 GHz</td> <td>-9.10 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 20:21:56</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.430347 GHz	-1.12 dBm			T1	1		2.4188981 GHz	-8.87 dBm	Occ Bw	36.083916084 MHz	T2	1		2.454962 GHz	-9.10 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
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T2	1		2.454962 GHz	-9.10 dBm																									
CH09	 <p>MultiView Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep</p> <p>Count 500/500</p> <p>Occupied Bandwidth</p> <p>M1(1) -0.96 dBm 2.4635080 GHz</p> <p>CF 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>2.463508 GHz</td> <td>-0.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4335385 GHz</td> <td>-9.92 dBm</td> <td>Occ Bw</td> <td>36.803196803 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4703417 GHz</td> <td>-8.31 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 20:25:56</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.463508 GHz	-0.96 dBm			T1	1		2.4335385 GHz	-9.92 dBm	Occ Bw	36.803196803 MHz	T2	1		2.4703417 GHz	-8.31 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
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T1	1		2.4335385 GHz	-9.92 dBm	Occ Bw	36.803196803 MHz																							
T2	1		2.4703417 GHz	-8.31 dBm																									

### Appendix E: Duty Cycle

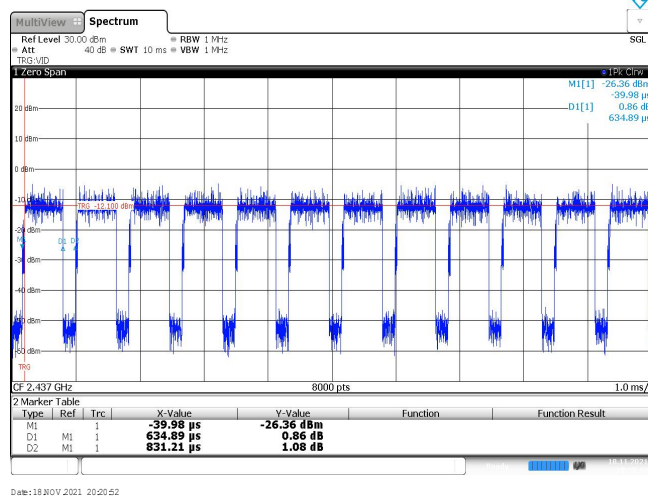
Modulation Type	Test Frequency (MHz)	T <sub>on</sub> time for single burst (ms)	T <sub>period</sub> (ms)	Duty cycle	1/T <sub>on</sub> time (kHz)
11b	2437	8.21	8.41	97.6%	0.1
11g	2437	1.36	1.56	87.2%	0.7
11n20	2437	1.27	1.47	86.4%	0.8
11n40	2437	0.63	0.83	75.9%	1.6




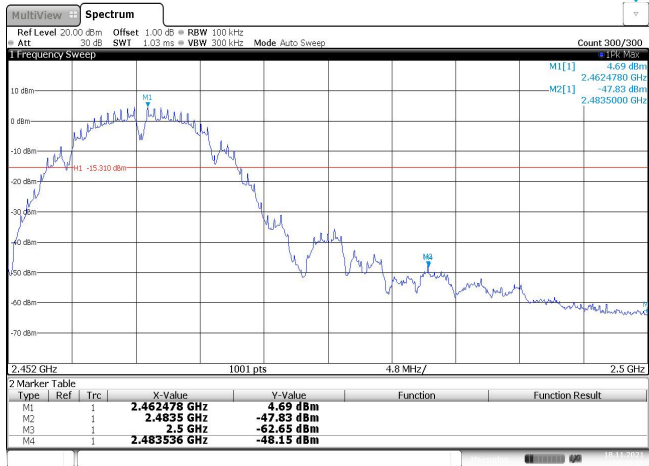
11n20



11n40



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

Test Item:	Bandedge	Type:	802.11 b																																										
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>2.41143 GHz</td> <td>3.69 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-45.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-61.14 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.398928 GHz</td> <td>-44.58 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 19:34:27</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41143 GHz	3.69 dBm			M2	1		2.4 GHz	-45.94 dBm			M3	1		2.39 GHz	-61.14 dBm			M4	1		2.31 GHz	-63.94 dBm			M5	1		2.398928 GHz	-44.58 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>2.462478 GHz</td> <td>4.69 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-47.83 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-62.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483536 GHz</td> <td>-48.15 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 NOV 2021 19:38:43</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.462478 GHz	4.69 dBm			M2	1		2.4835 GHz	-47.83 dBm			M3	1		2.5 GHz	-62.65 dBm			M4	1		2.483536 GHz	-48.15 dBm									
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