

APPENDIX REPORT

Project No.	SHT2205045601EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT22050456004	Model No.	L41G-2axD
Start test date	2022-09-19	Finish date	2022-09-23
Temperature	25.1℃	Humidity	30%
Test Engineer	Xiaoxiao Li	Auditor	Xiaodong Zheo

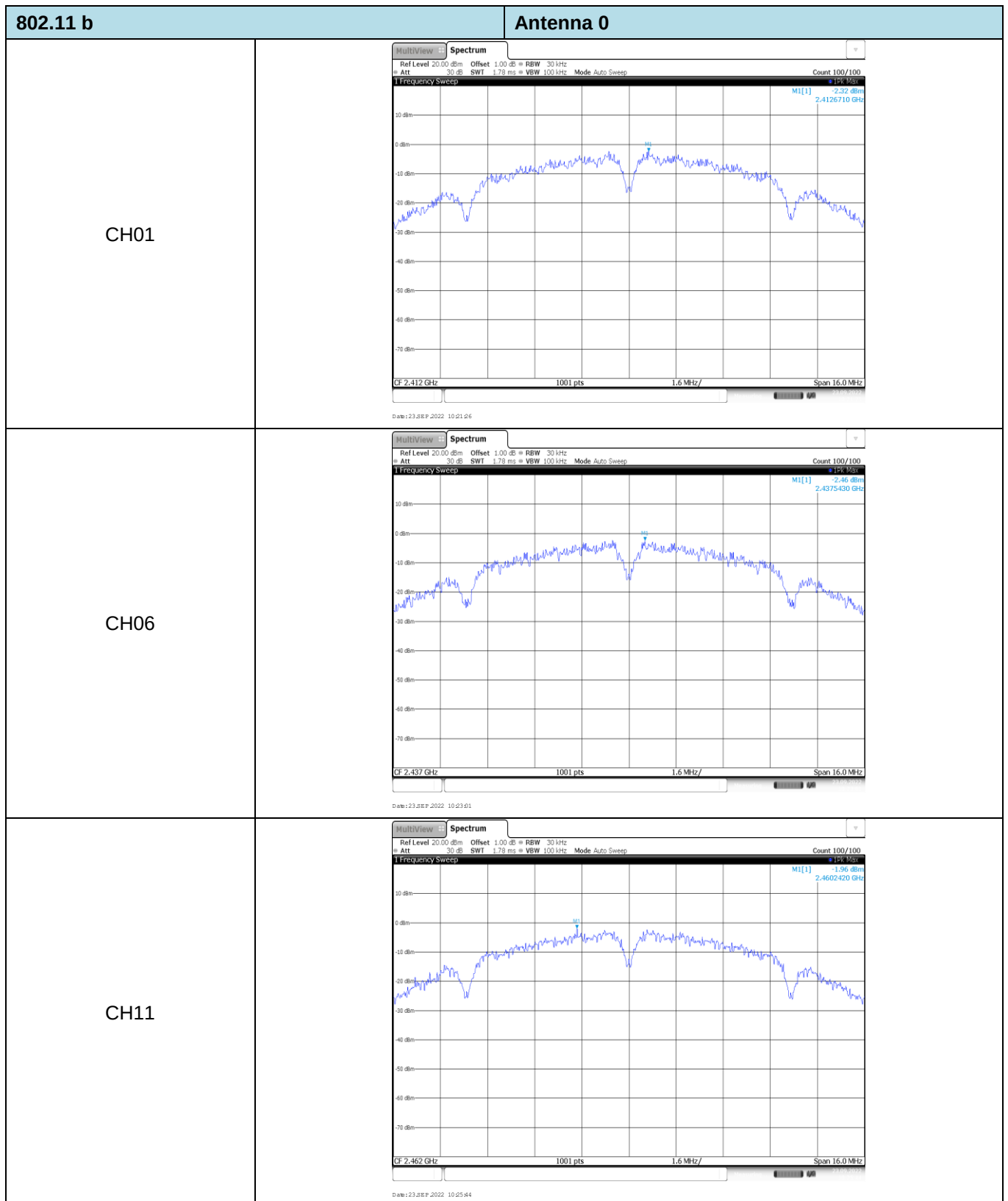
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions(coducted)	PASS

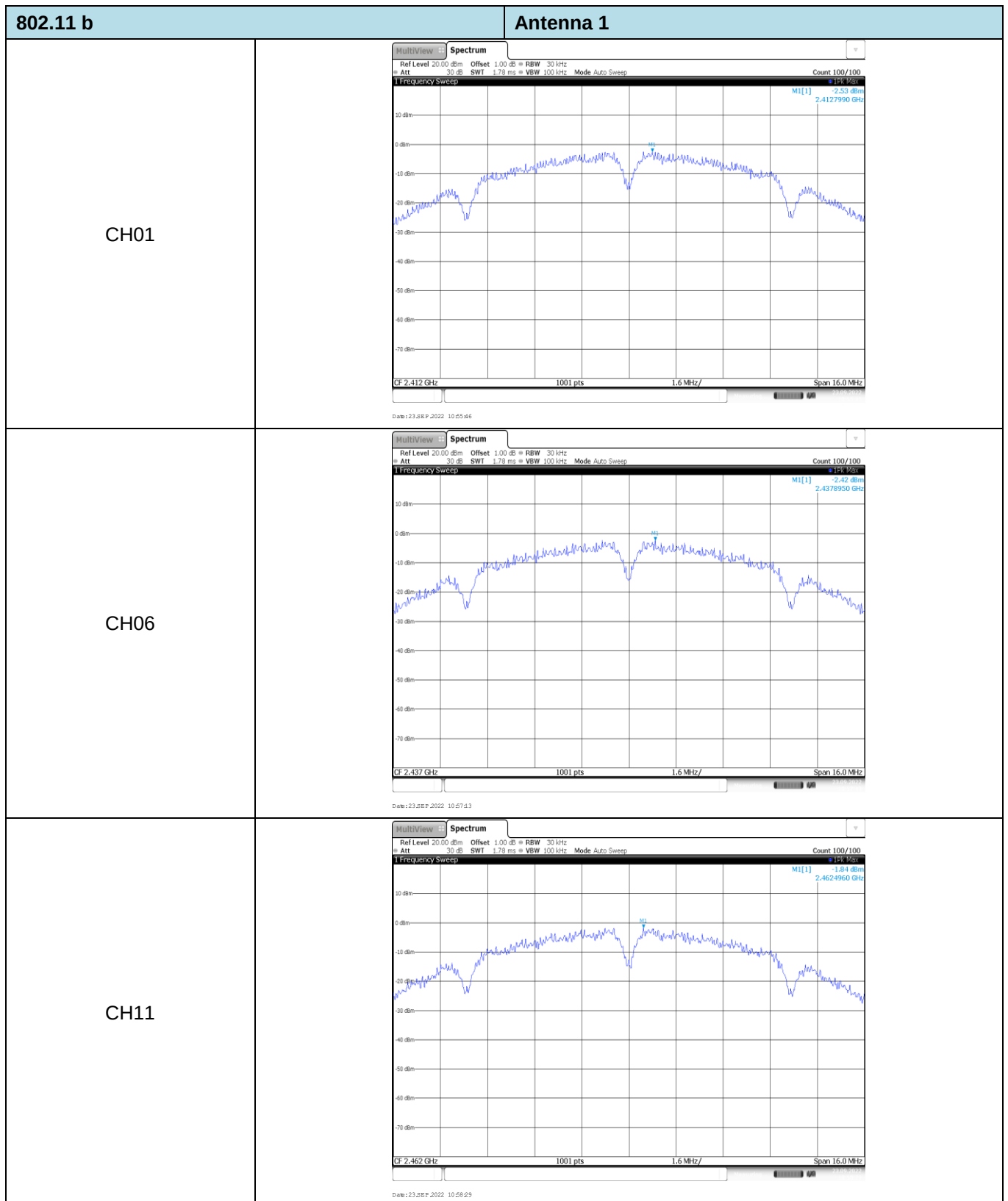
Appendix A: Conducted Peak Output Power

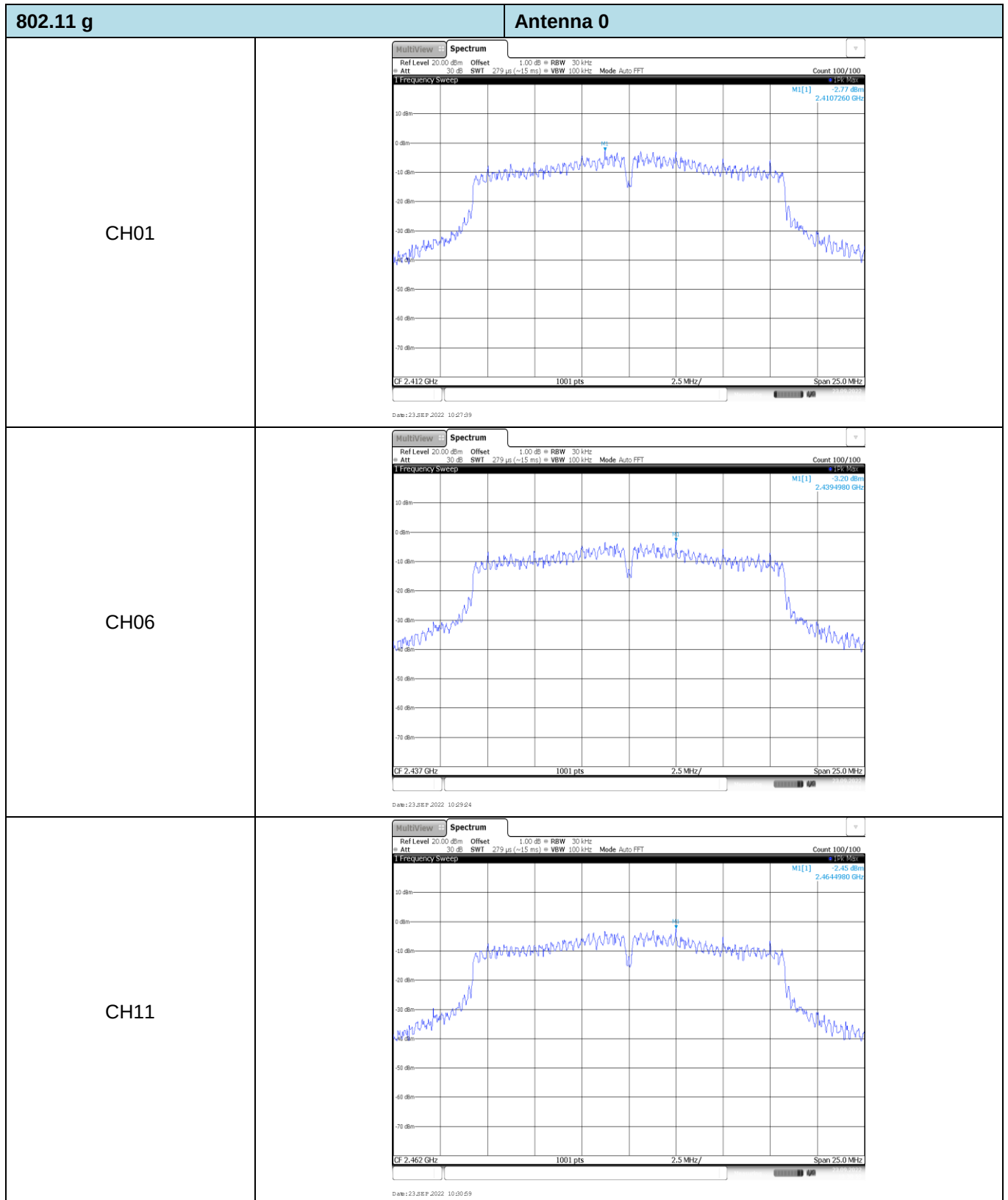
Type	Channel	Peak Output power (dBm)			Average Output power (dBm)			Limit (dBm)	Result
		Antenna 0	Antenna 1	Total	Antenna 0	Antenna 1	Total		
802.11b	01	15.06	14.56	-	12.95	12.12	-	≤30.00	Pass
	06	14.45	14.27	-	11.94	11.88	-		
	11	14.59	15.22	-	12.16	12.80	-		
802.11g	01	19.84	19.39	-	17.40	17.05	-	≤30.00	Pass
	06	19.21	19.03	-	16.78	16.56	-		
	11	19.53	19.89	-	17.08	17.45	-		
802.11n (HT20)	01	16.92	16.62	19.76	14.60	14.42	17.52	≤30.00	Pass
	06	16.34	16.07	19.21	13.76	13.90	16.84		
	11	16.59	17.10	19.87	14.20	14.90	17.57		
802.11n (HT40)	03	18.49	18.38	21.46	15.96	16.06	19.02	≤30.00	Pass
	06	17.92	18.15	21.06	15.24	15.72	18.50		
	09	17.89	18.43	21.17	15.16	16.10	18.67		
802.11ax(HT20)	01	18.03	17.74	20.86	16.62	16.24	19.44	≤30.00	Pass
	06	17.43	17.03	20.21	15.82	15.68	18.76		
	11	17.73	18.16	20.97	16.24	16.80	19.63		
802.11ax(HT40)	03	19.07	18.72	21.91	17.30	17.16	20.24	≤30.00	Pass
	06	18.39	18.61	21.51	16.72	17.00	19.87		
	09	18.51	18.83	21.66	17.04	17.46	20.26		

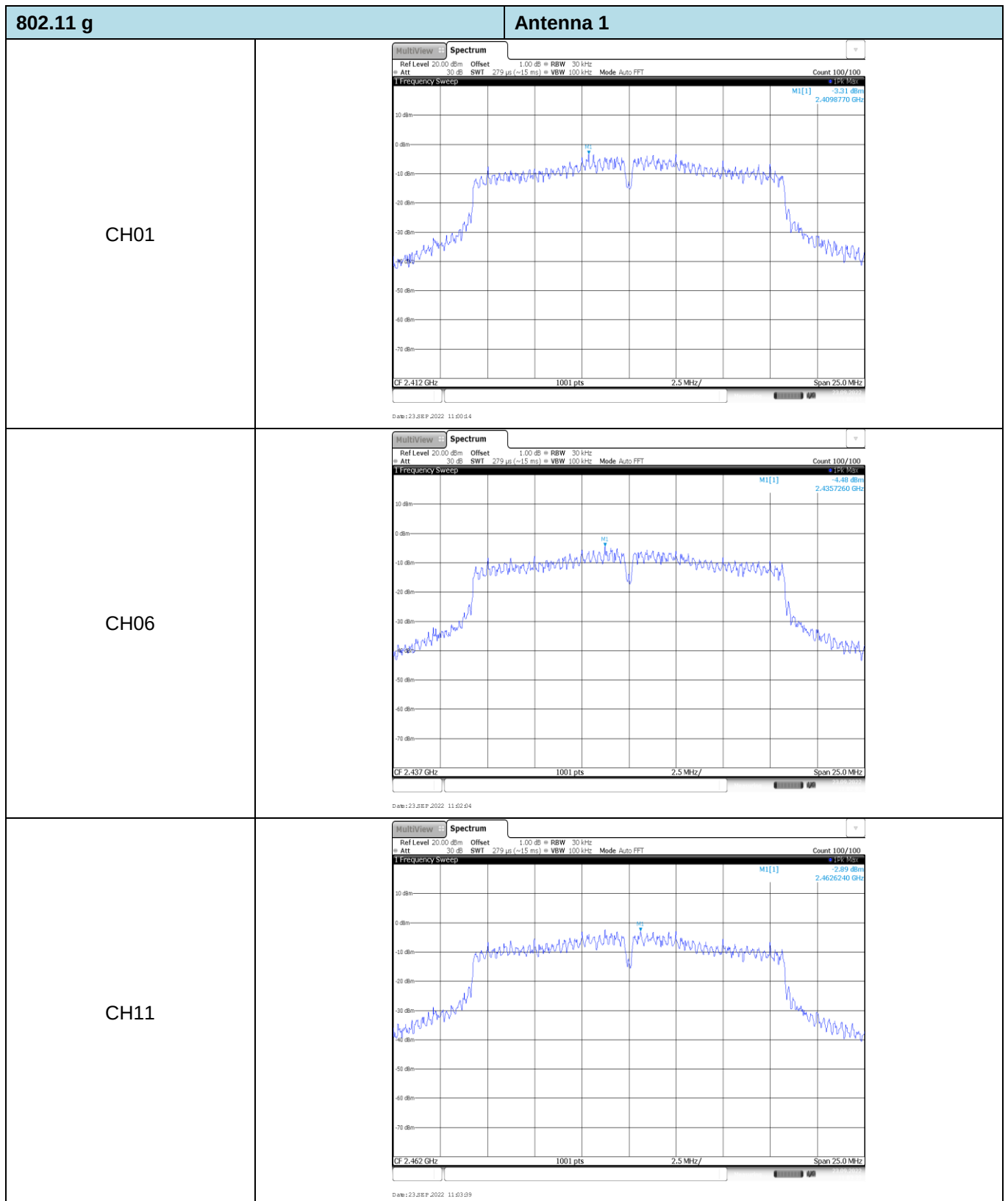
Appendix B: Power Spectral Density

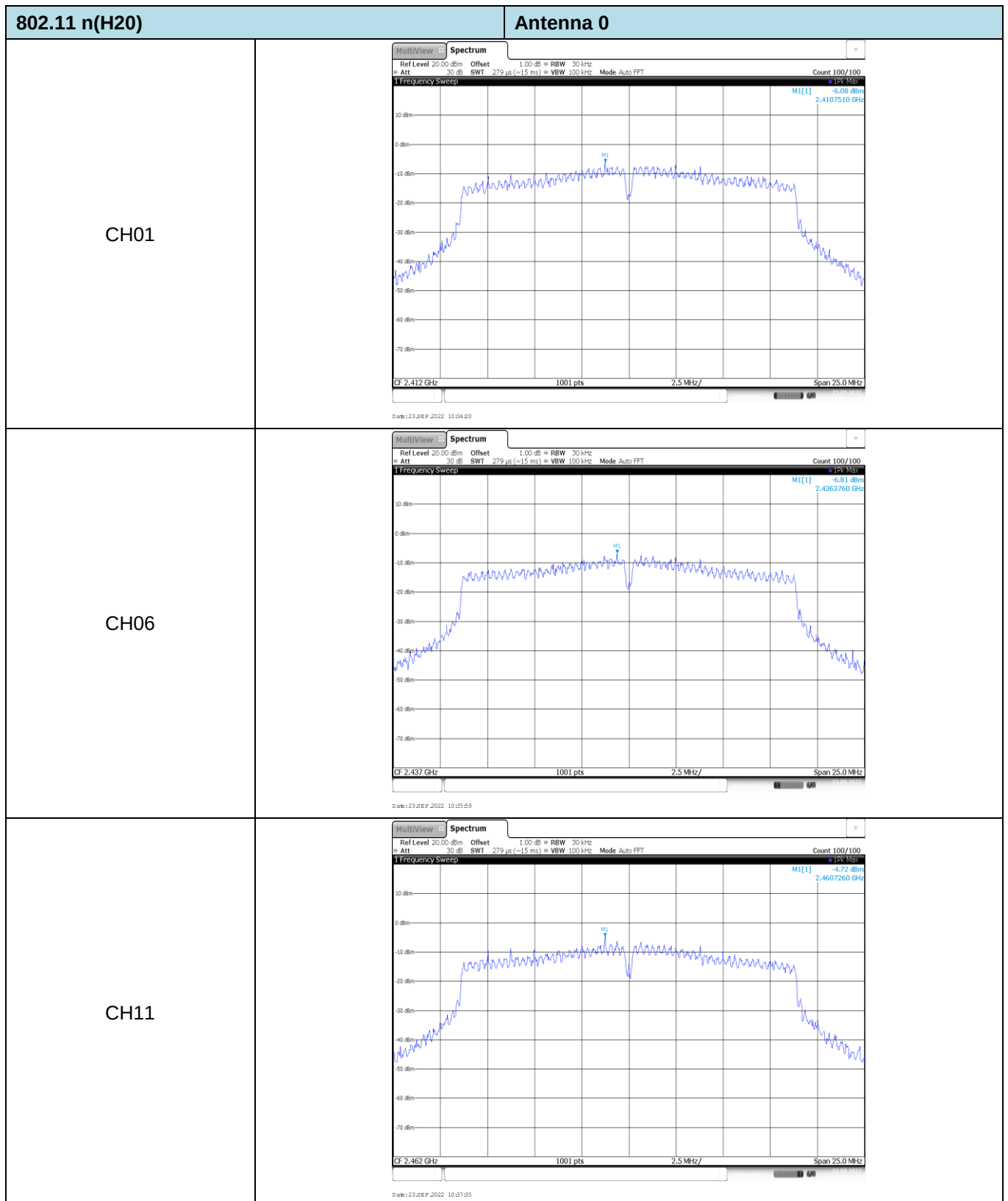
Type	Channel	Power Spectral Density (dBm/30KHz)		Total Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
		Antenna 0	Antenna 1			
802.11b	01	-2.32	-2.53	-	≤8.00	Pass
	06	-2.46	-2.42	-		
	11	-1.96	-1.84	-		
802.11g	01	-2.77	-3.31	-	≤8.00	Pass
	06	-3.20	-4.48	-		
	11	-2.45	-2.89	-		
802.11n(HT20)	01	-6.08	-5.29	-2.53	≤8.00	Pass
	06	-6.81	-7.79	-4.26		
	11	-4.72	-6.99	-2.70		
802.11n(HT40)	03	-8.82	-8.73	-5.76	≤8.00	Pass
	06	-9.11	-8.72	-5.90		
	09	-8.36	-7.67	-4.99		
802.11ax(HT20)	01	-5.33	-6.99	-3.07	≤8.00	Pass
	06	-6.38	-8.40	-4.26		
	11	-6.76	-5.82	-3.25		
802.11ax(HT40)	03	-9.80	-9.50	-6.64	≤8.00	Pass
	06	-10.21	-9.86	-7.02		
	09	-10.69	-9.46	-7.02		

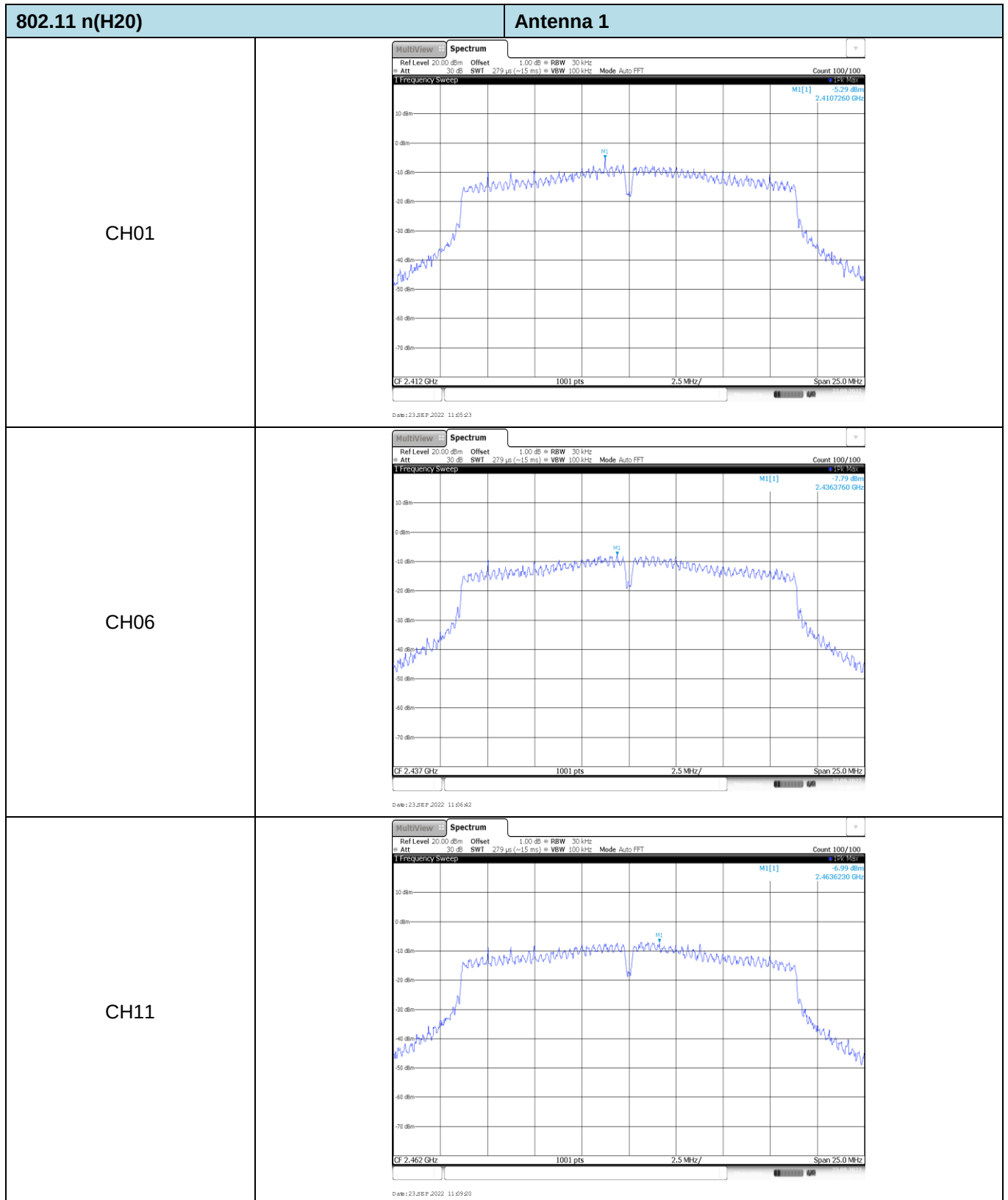


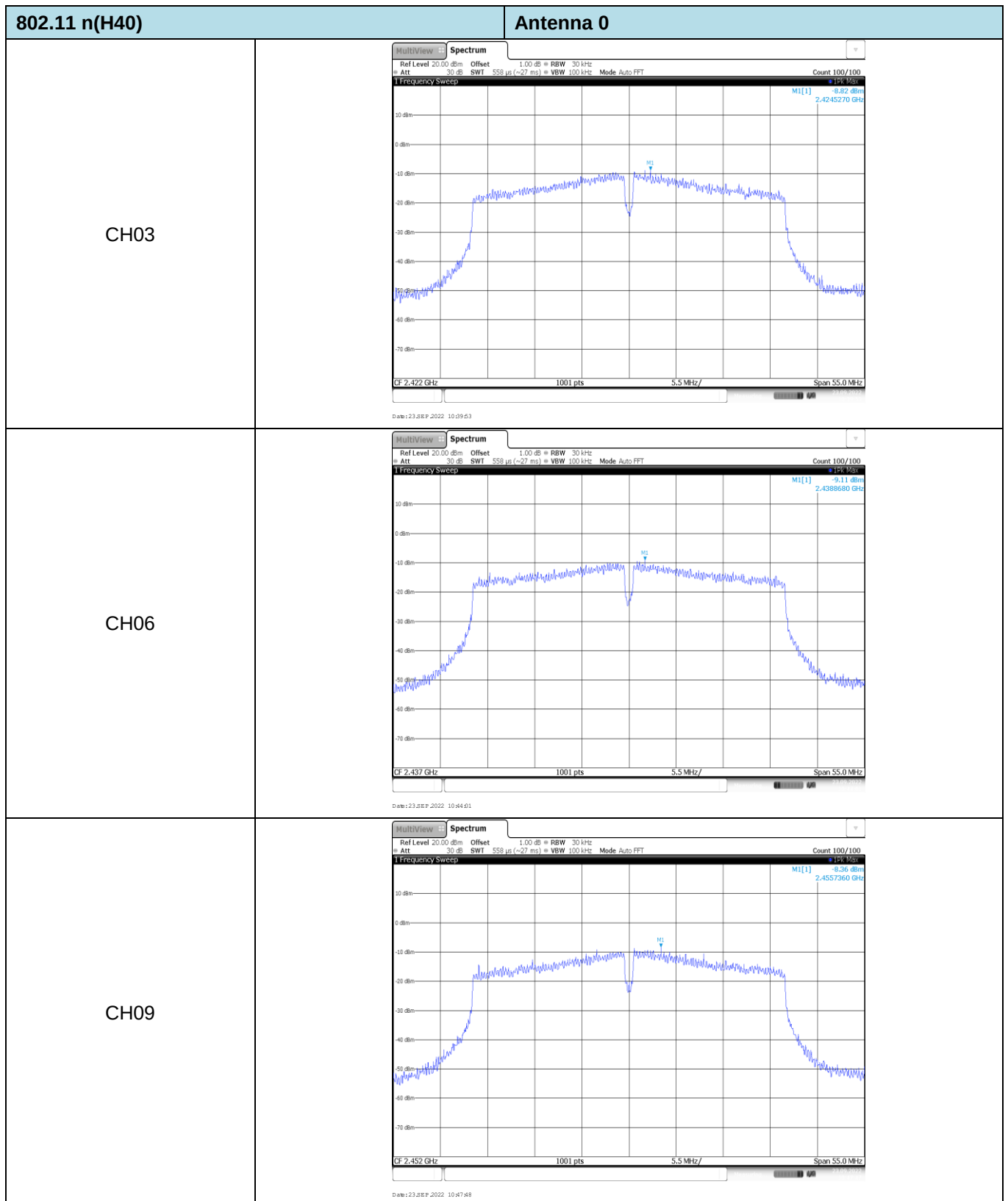


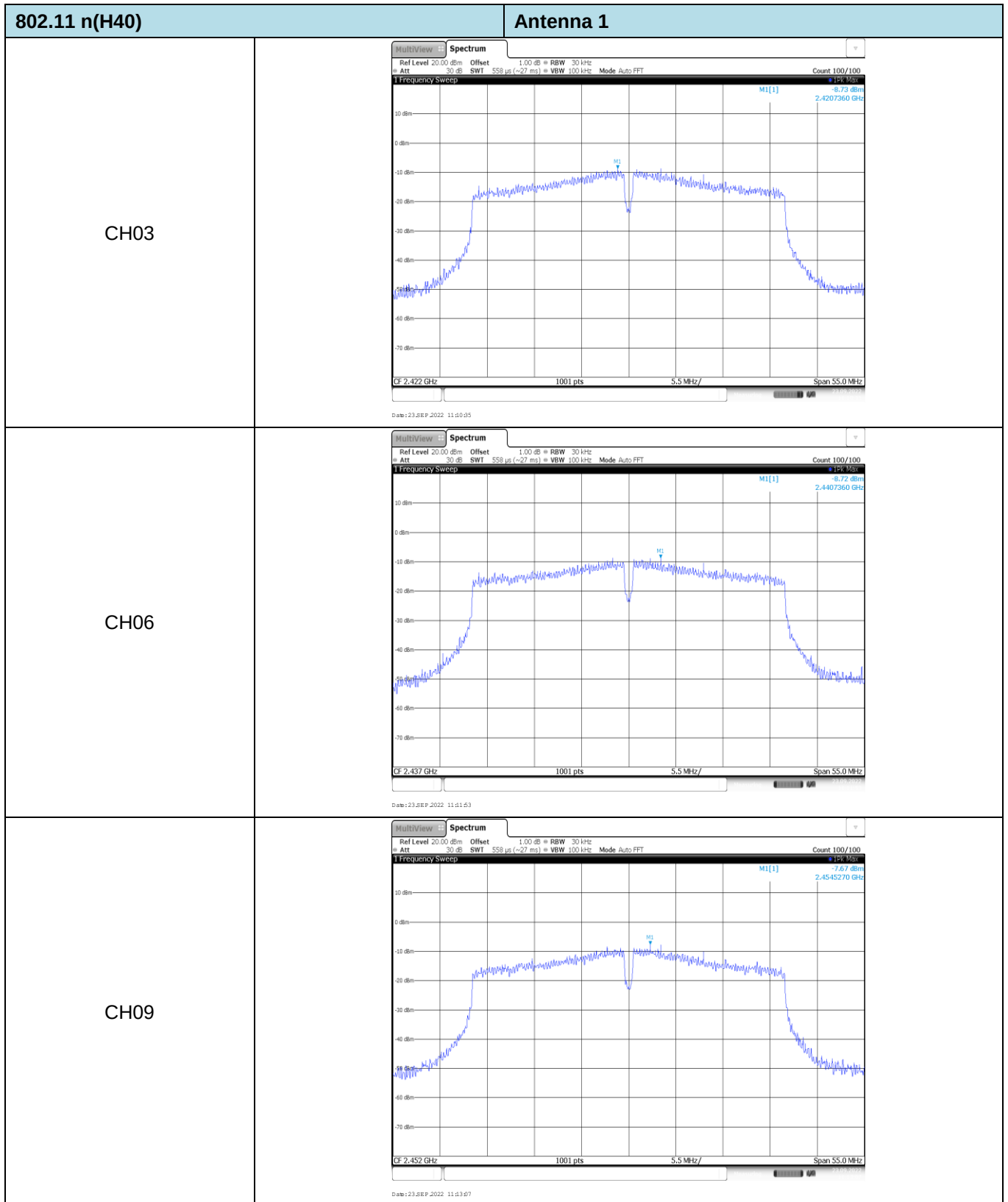


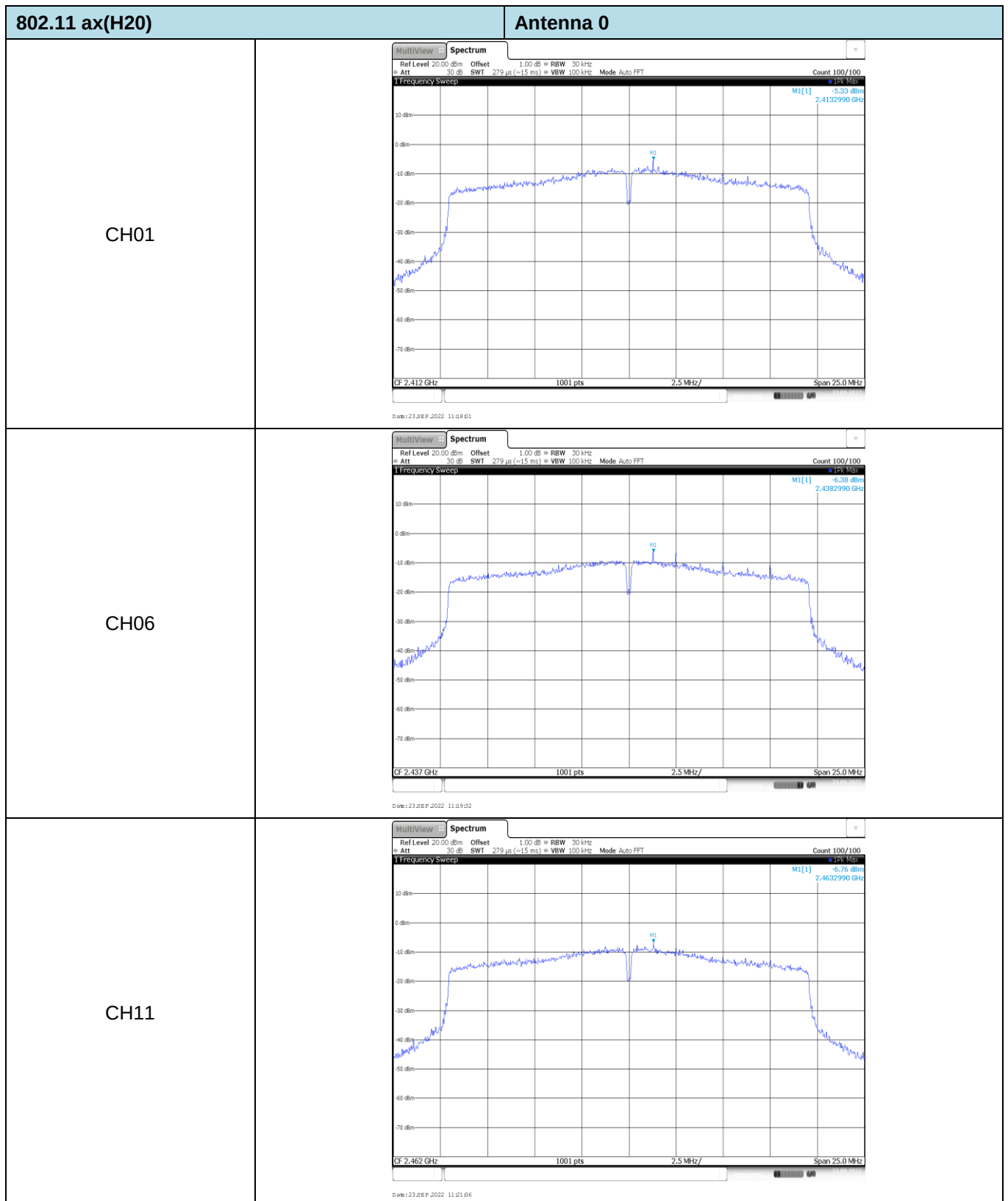


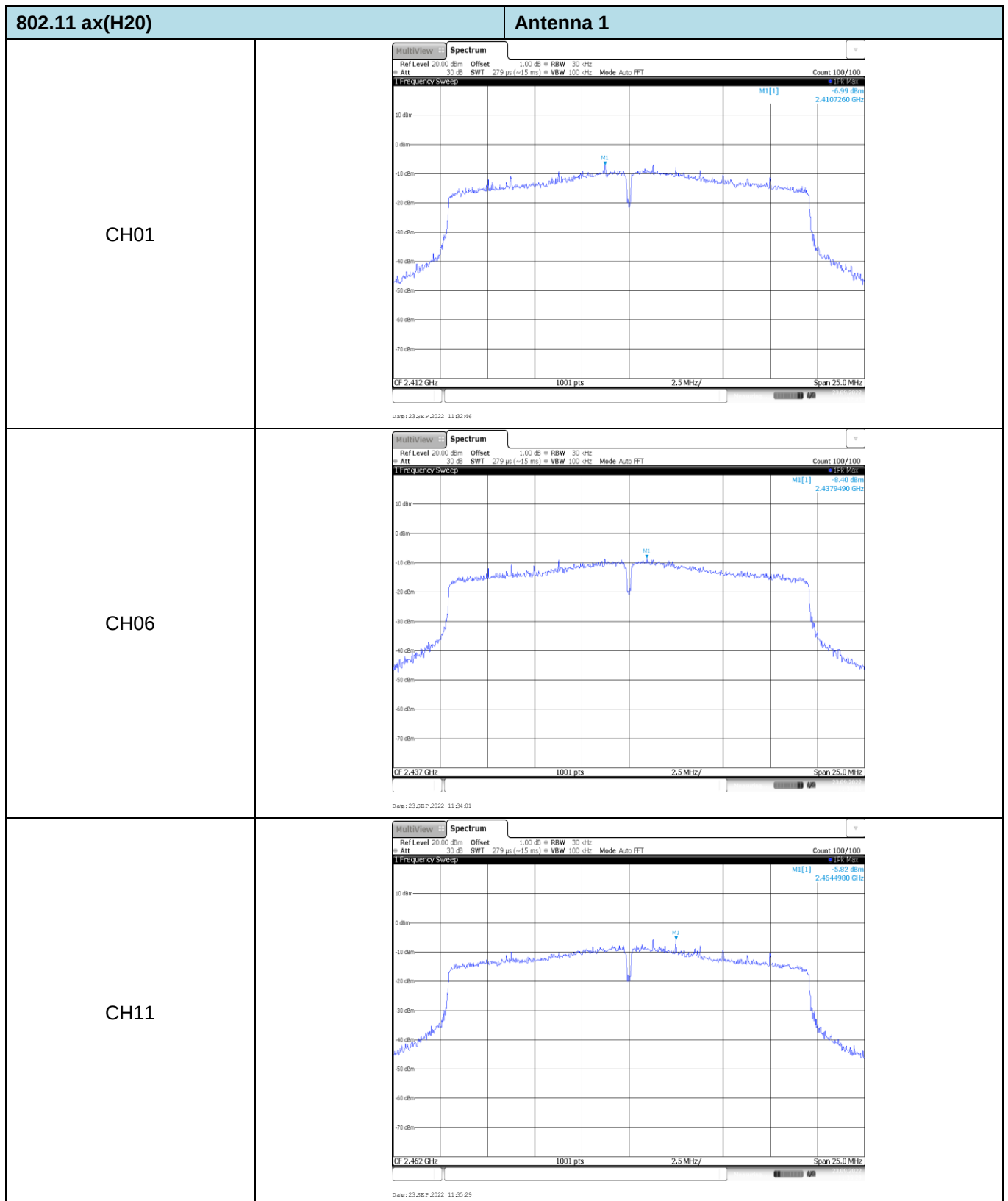


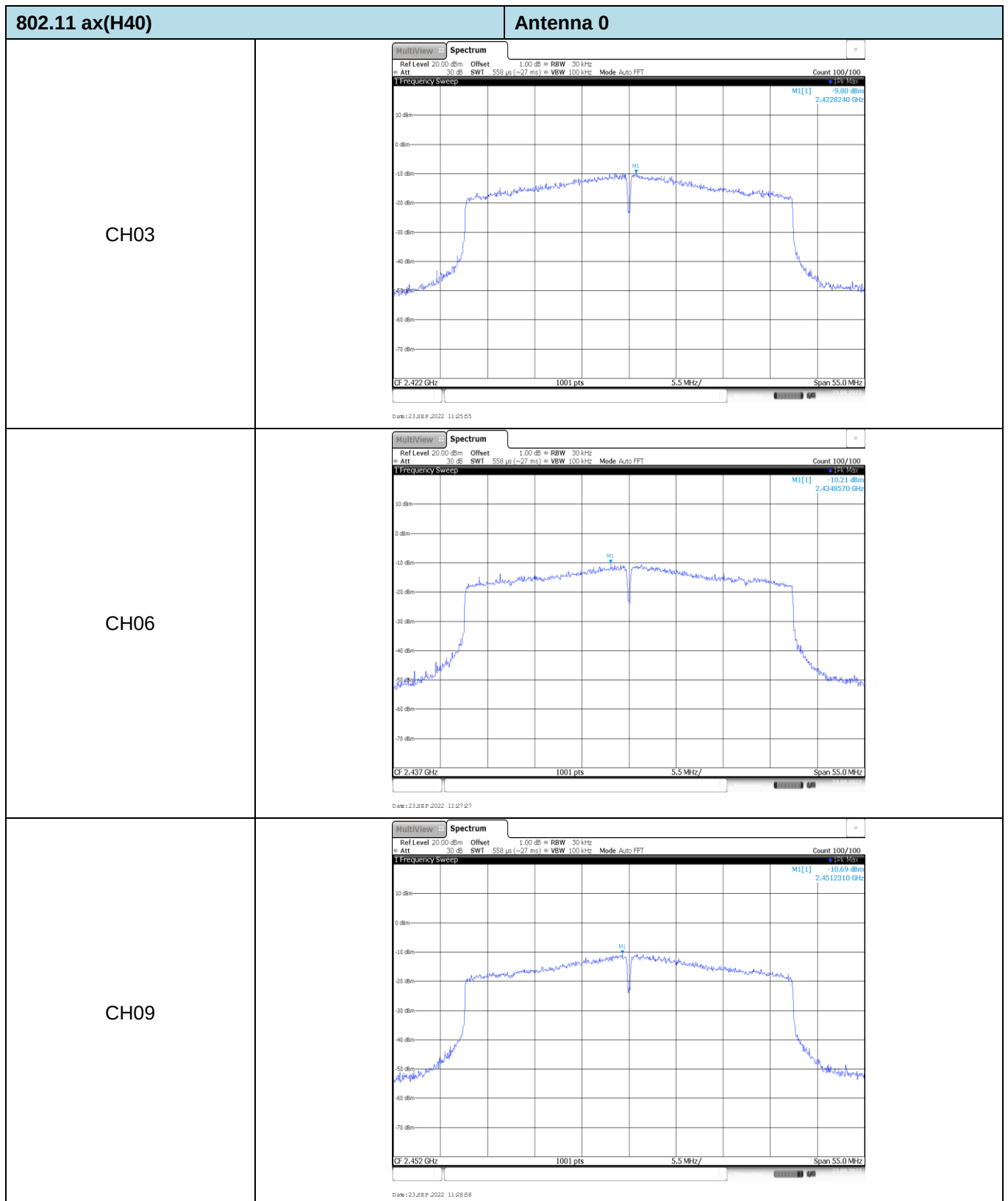


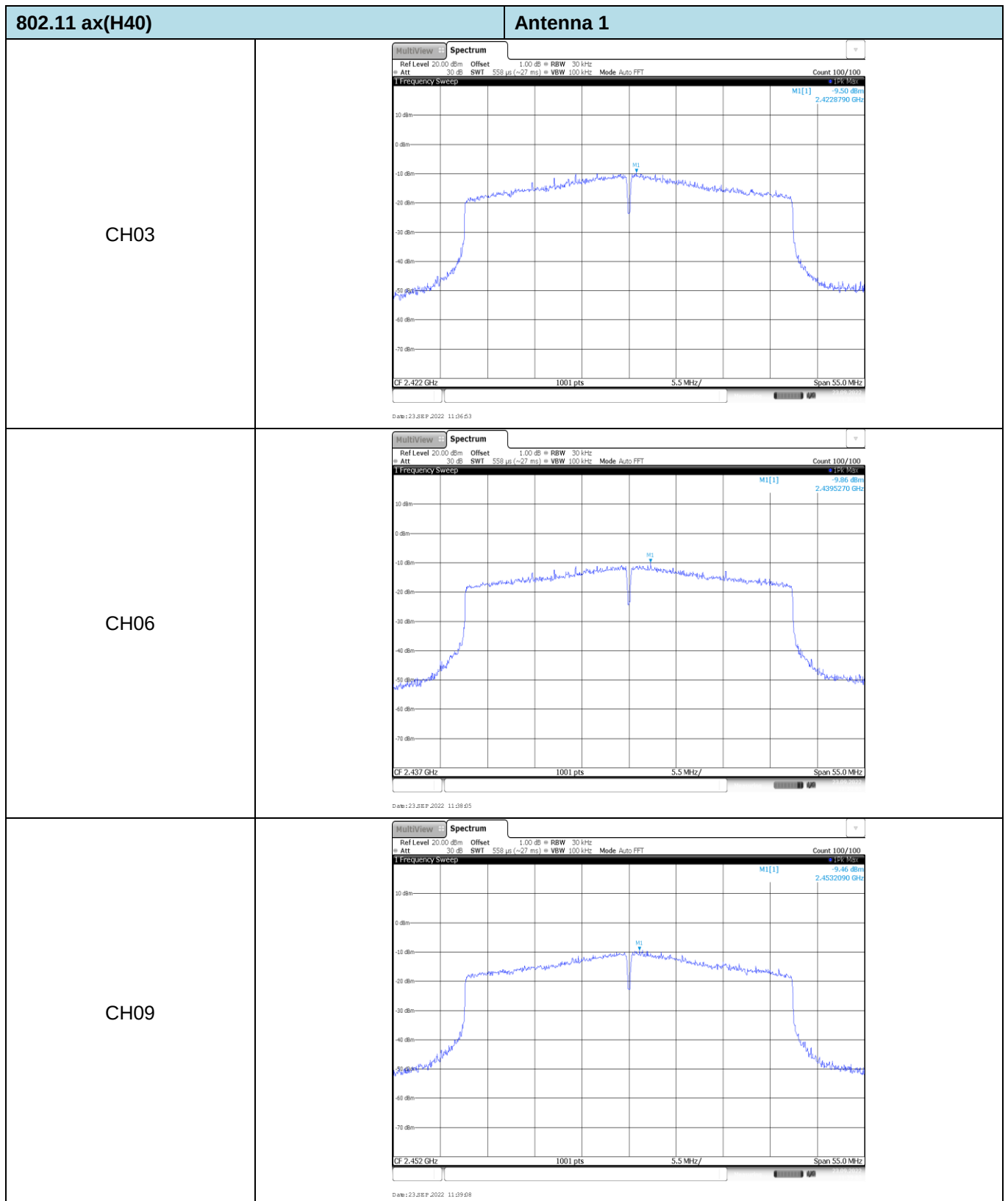










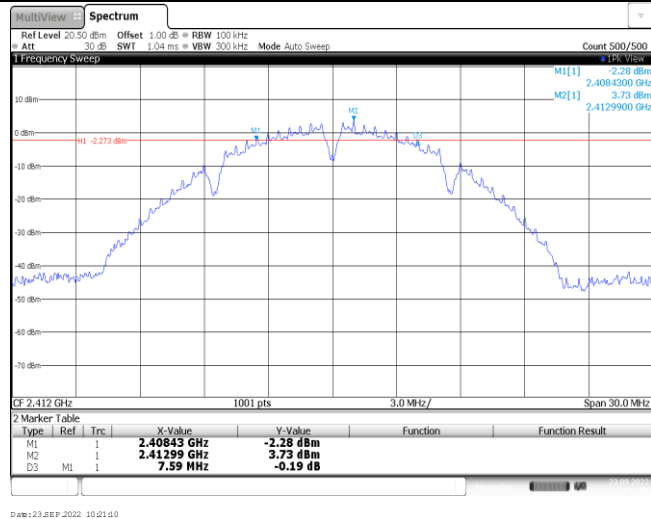


Appendix C: 6dB Bandwidth

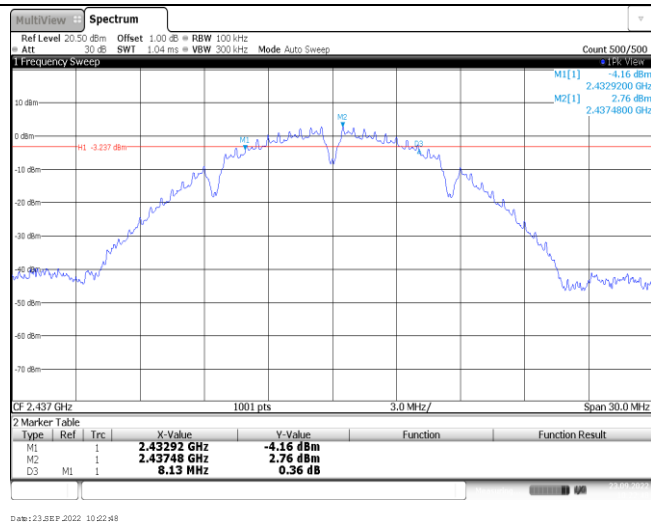
Type	Channel	6dB Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	7.59	≥500	Pass
	06	8.13		
	11	8.13		
802.11g	01	13.92	≥500	Pass
	06	15.15		
	11	15.12		
802.11n(HT20)	01	12.87	≥500	Pass
	06	15.12		
	11	11.40		
802.11n(HT40)	03	31.44	≥500	Pass
	06	32.04		
	09	28.92		
802.11ax(HT20)	01	13.89	≥500	Pass
	06	15.15		
	11	13.89		
802.11ax(HT40)	03	31.44	≥500	Pass
	06	32.70		
	09	32.70		

802.11 b

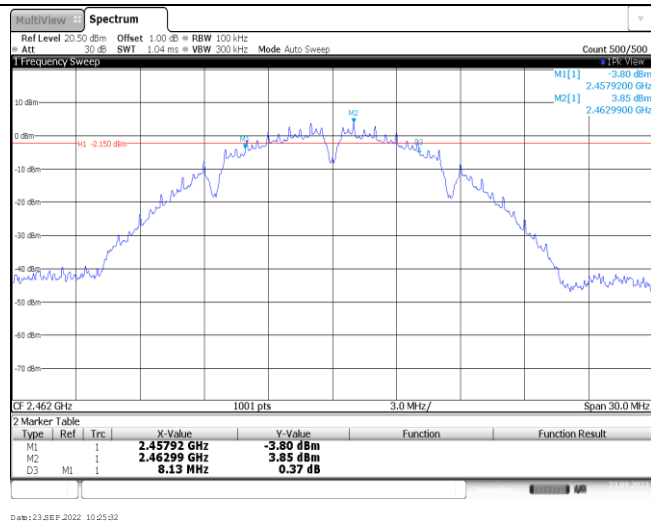
CH01



CH06

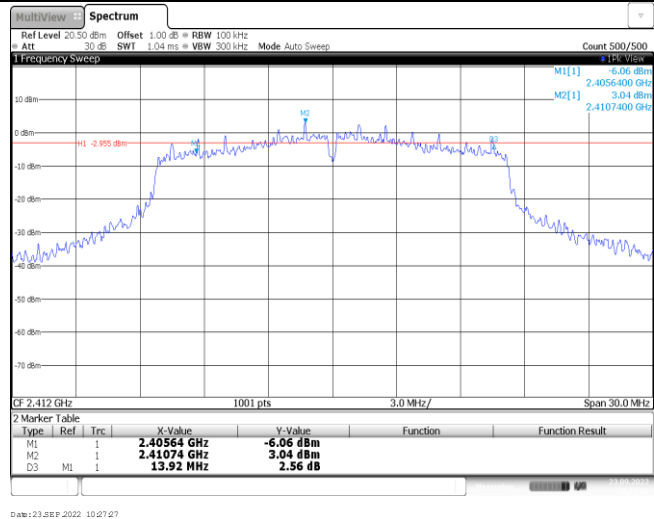


CH11

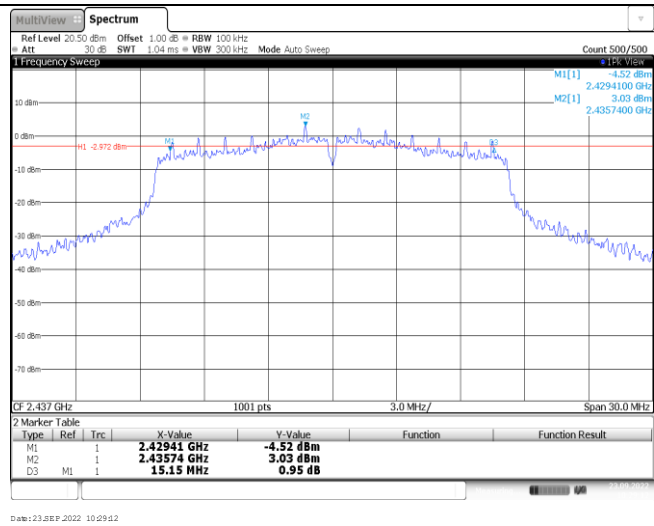


802.11 g

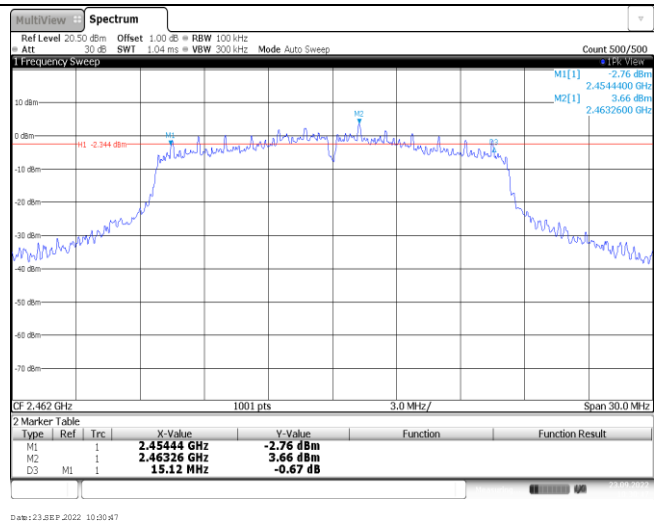
CH01



CH06

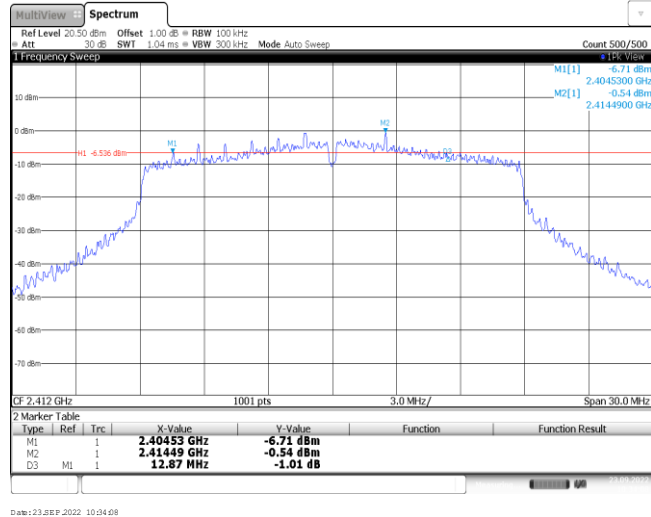


CH11

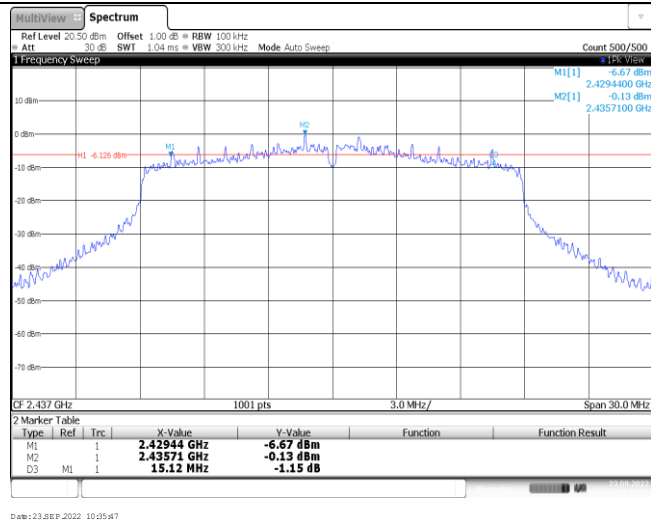


802.11n(HT20)

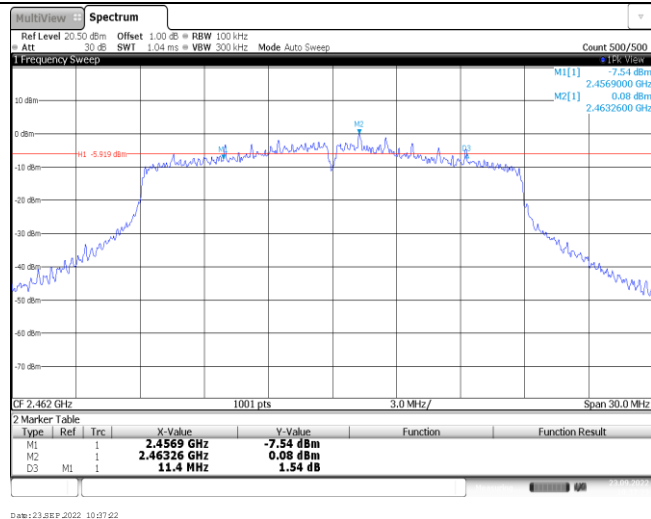
CH01



CH06

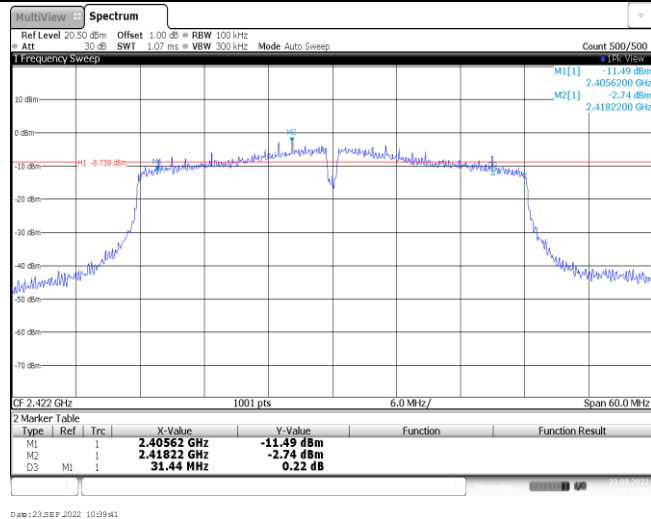


CH11

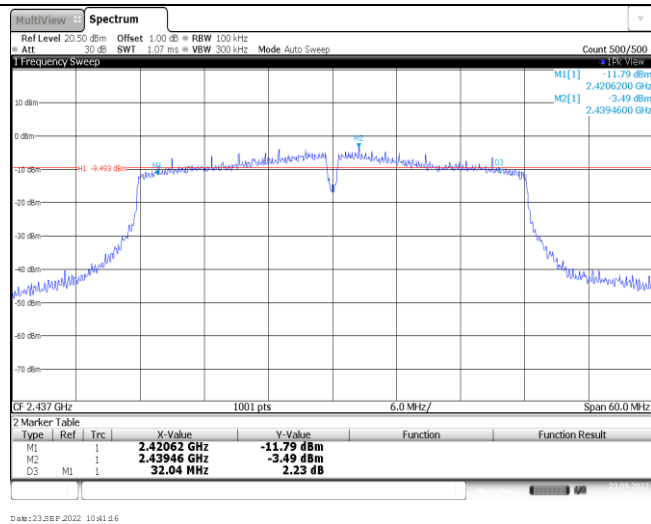


802.11n(HT40)

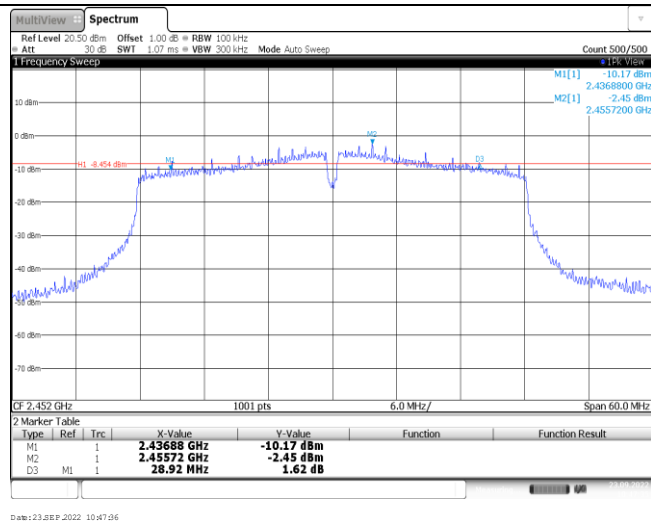
CH03



CH06

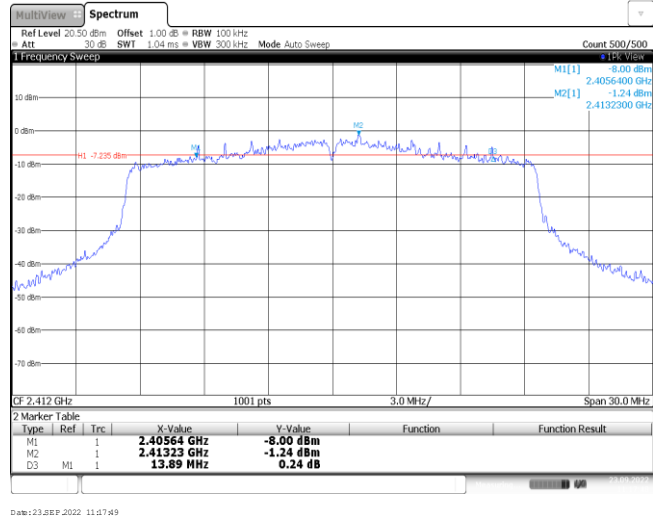


CH09

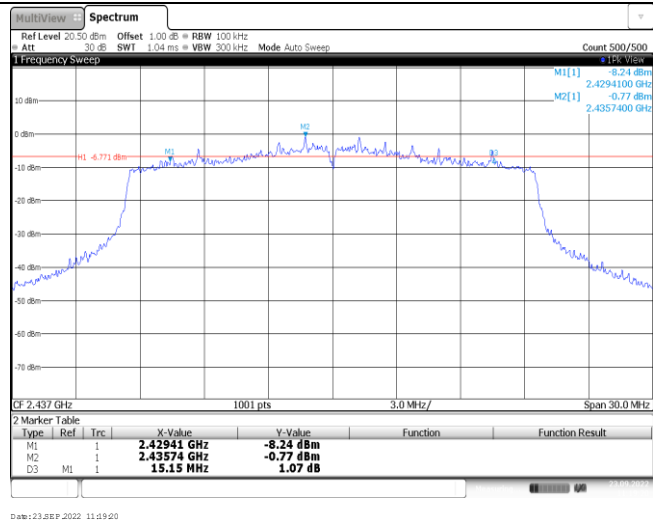


802.11ax(HT20)

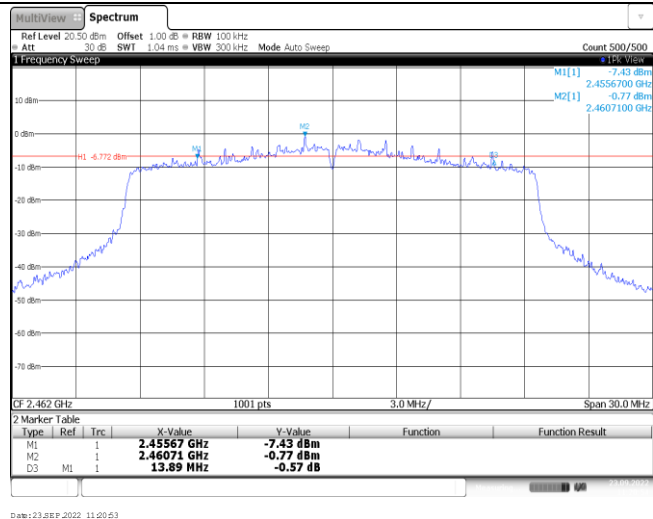
CH01



CH06

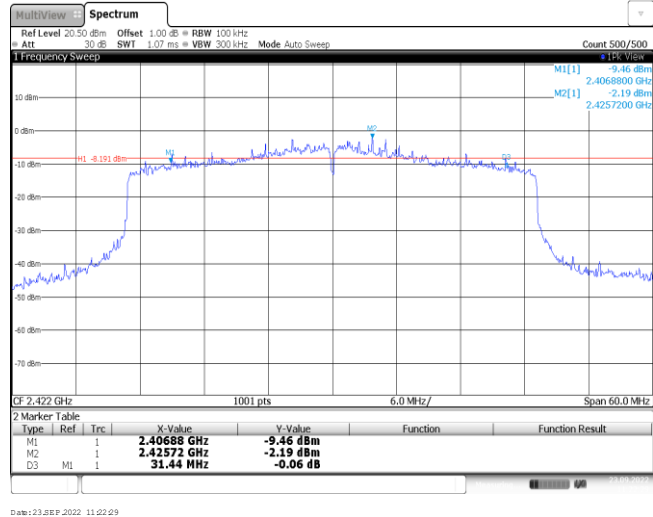


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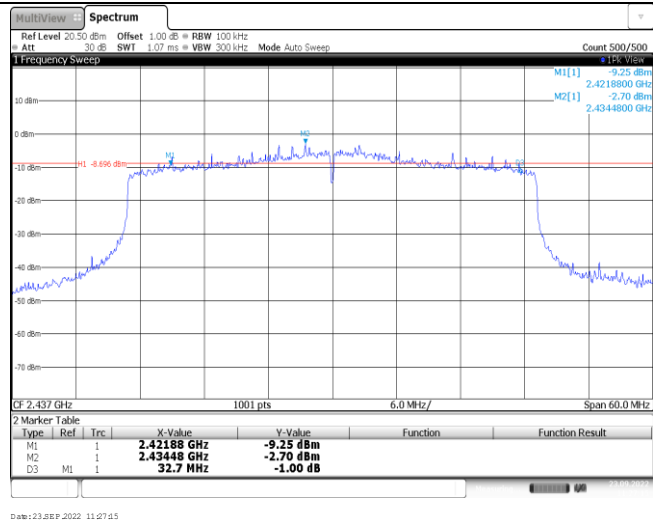


802.11ax(HT40)

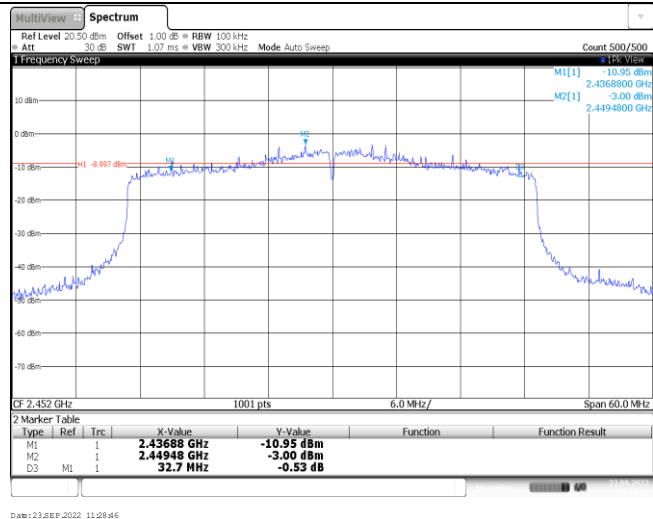
CH03



CH06



CH09

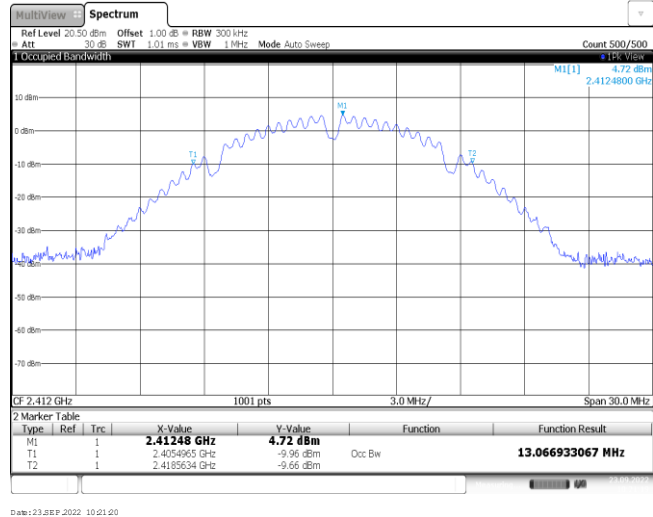


Appendix D: 99% Occupied Bandwidth

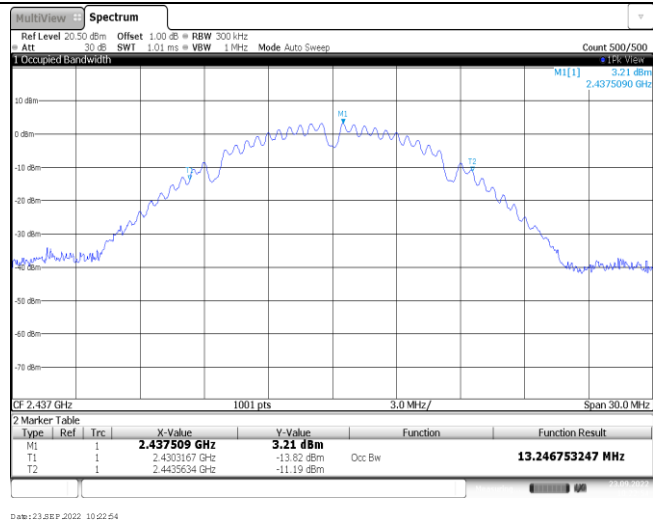
Type	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	13.07	-	Pass
	06	13.25		
	11	13.13		
802.11g	01	16.21	-	Pass
	06	16.24		
	11	16.21		
802.11n(HT20)	01	17.35	-	Pass
	06	17.41		
	11	17.35		
802.11n(HT40)	03	35.48	-	Pass
	06	35.72		
	09	35.60		
802.11ax(HT20)	01	18.67	-	Pass
	06	18.73		
	11	18.67		
802.11ax(HT40)	03	37.28	-	Pass
	06	37.34		
	09	37.28		

802.11 b

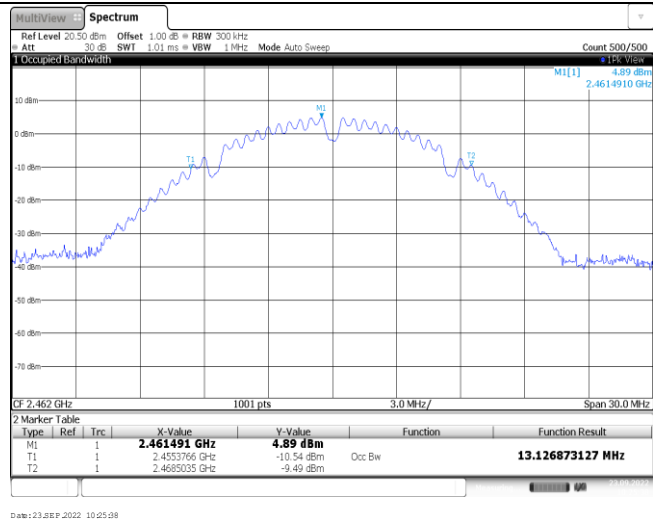
CH01



CH06

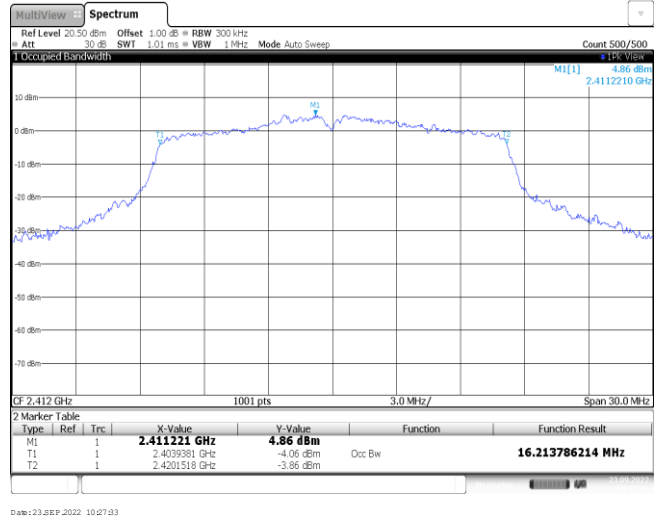


CH11

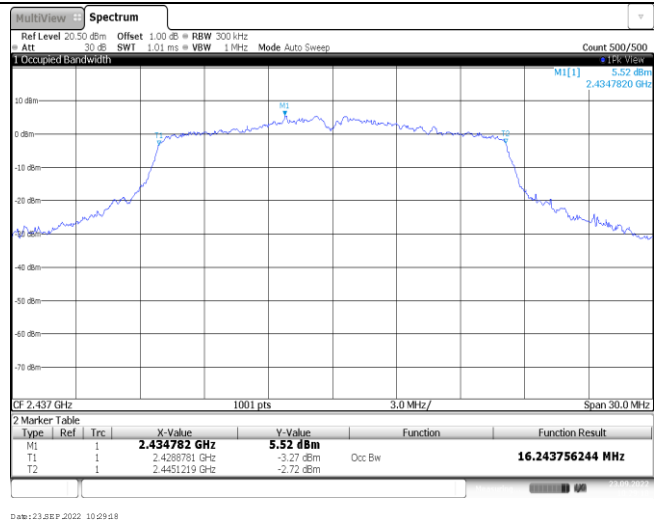


802.11 g

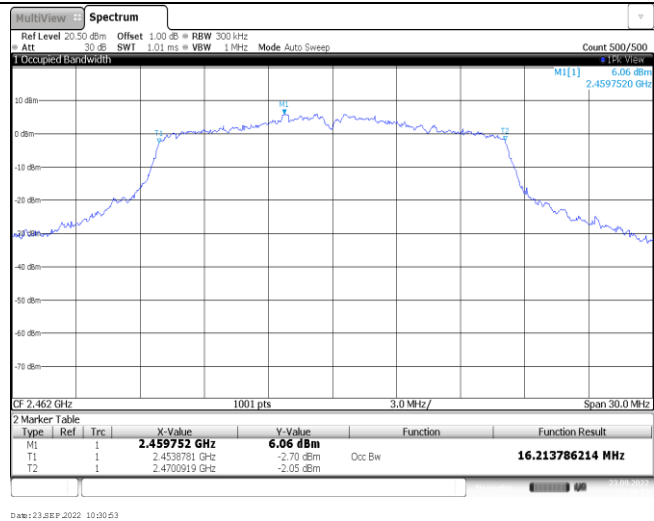
CH01



CH06

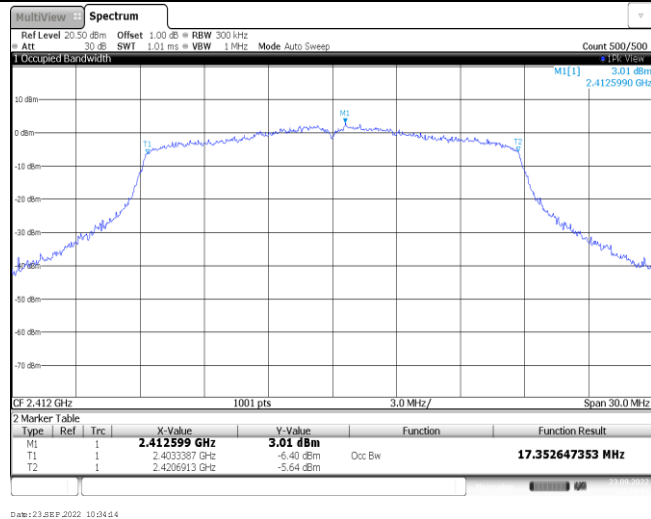


CH11

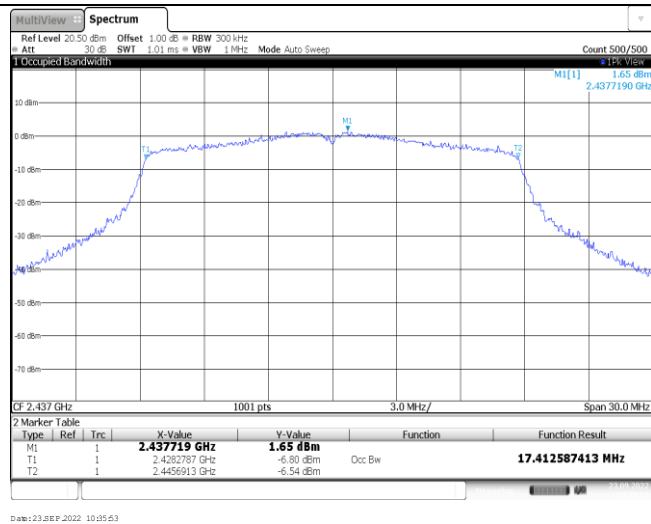


802.11n(HT20)

CH01



CH06

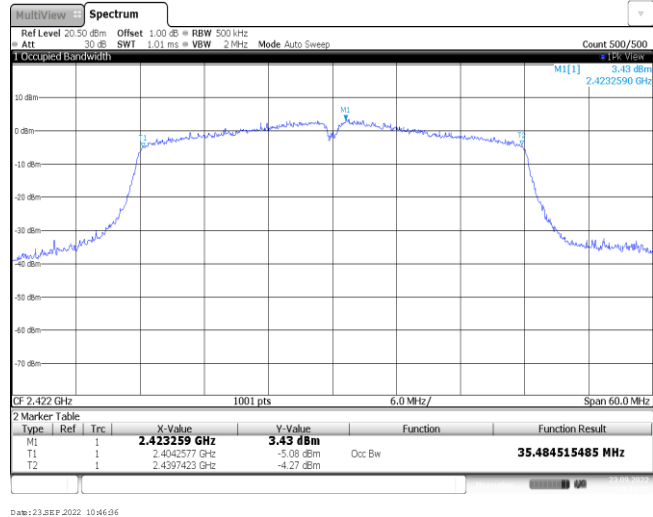


CH11

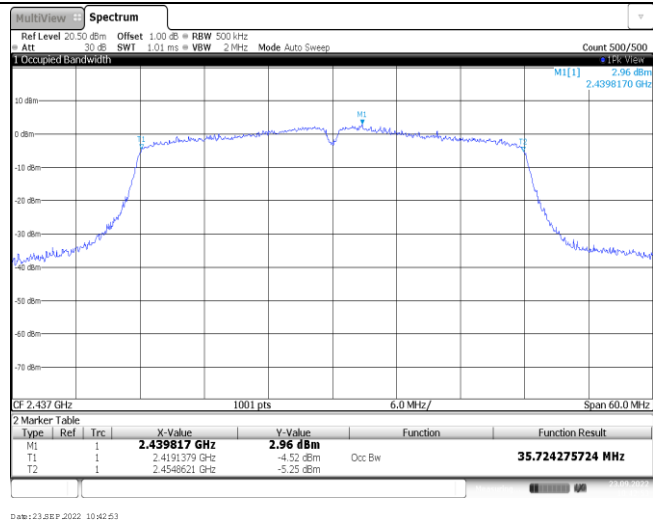


802.11n(HT40)

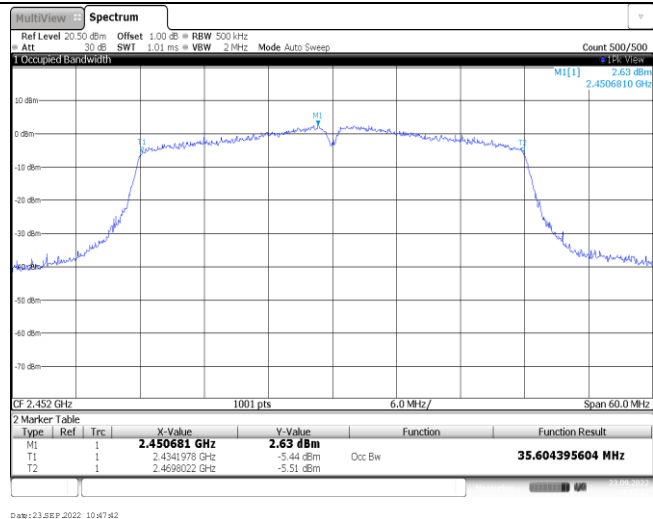
CH03



CH06

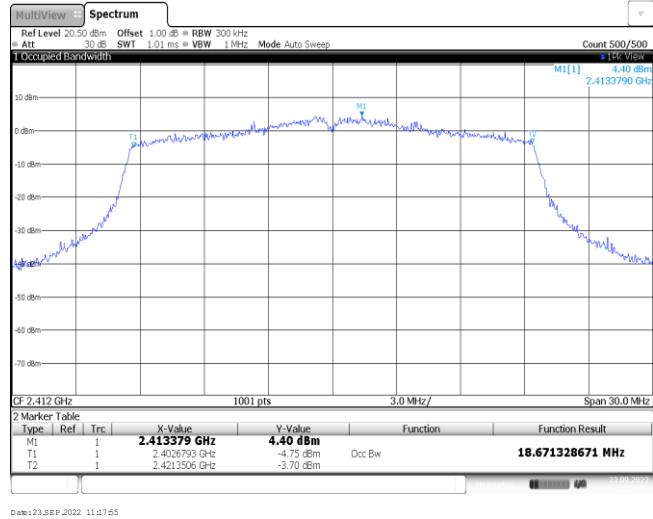


CH09

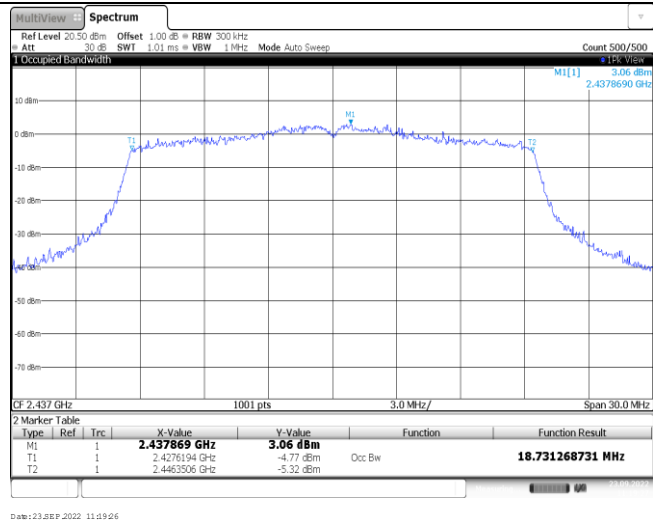


802.11ax(HT20)

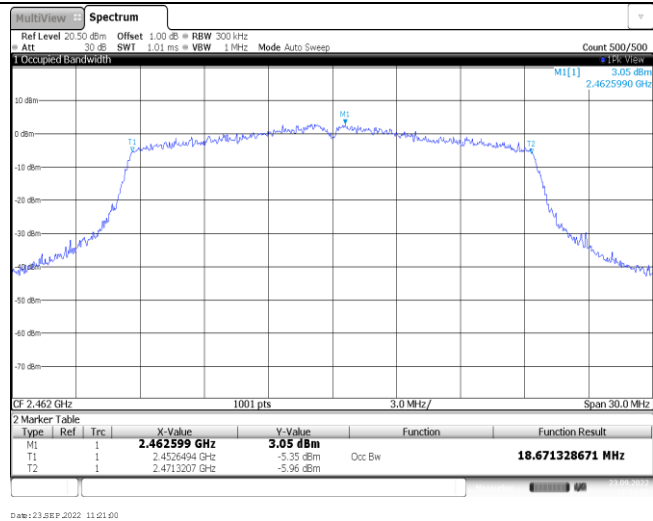
CH01



CH06

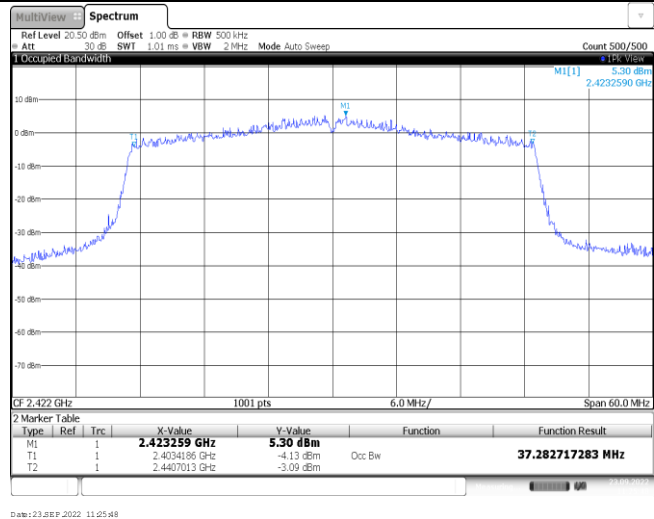


CH11

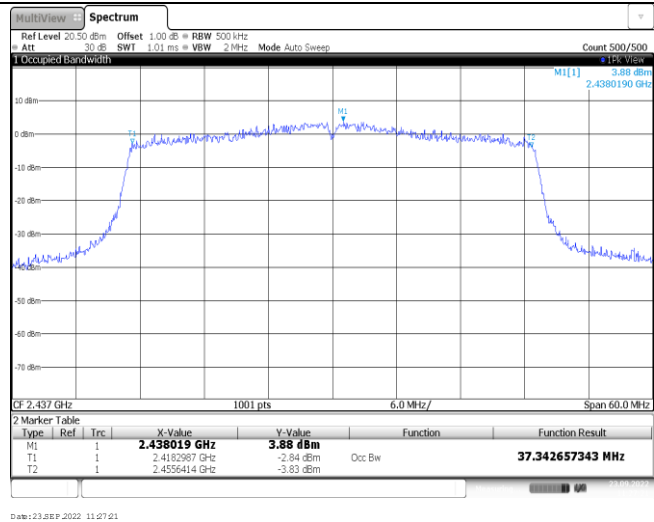


802.11ax(HT40)

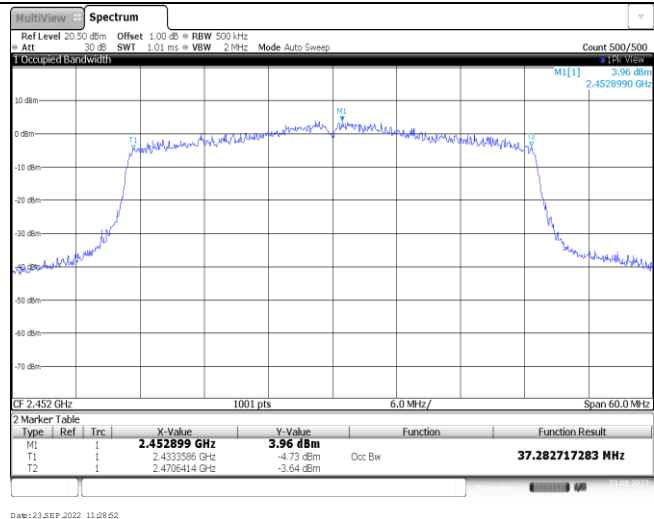
CH03



CH06



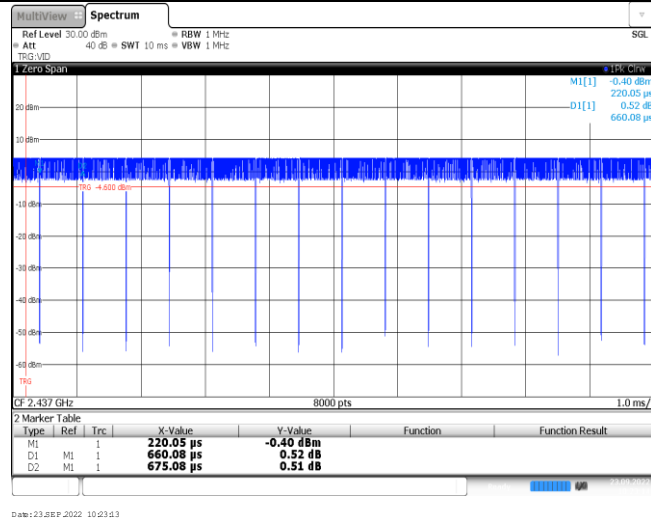
CH09



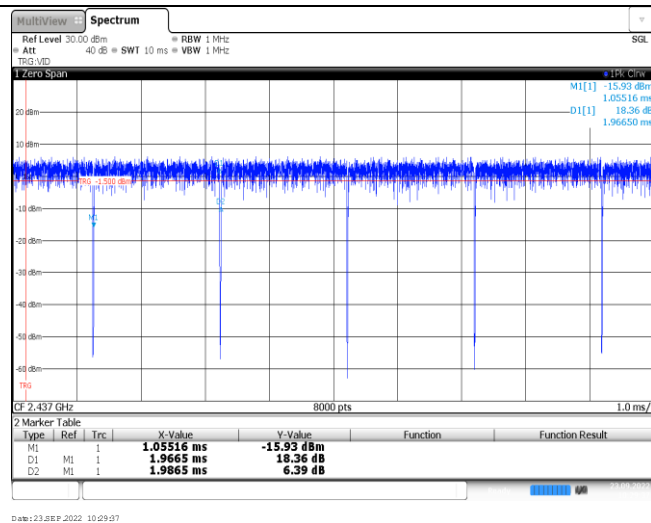
Appendix E: Duty Cycle

Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	0.66	0.68	97.1%	1.5
11g	2437	1.97	1.99	99.0%	0.5
11n20	2437	5.41	5.42	99.8%	0.2
11n40	2437	5.37	5.41	99.3%	0.2
11ax20	2437	5.42	5.44	99.6%	0.2
11ax40	2437	5.42	5.45	99.4%	0.2

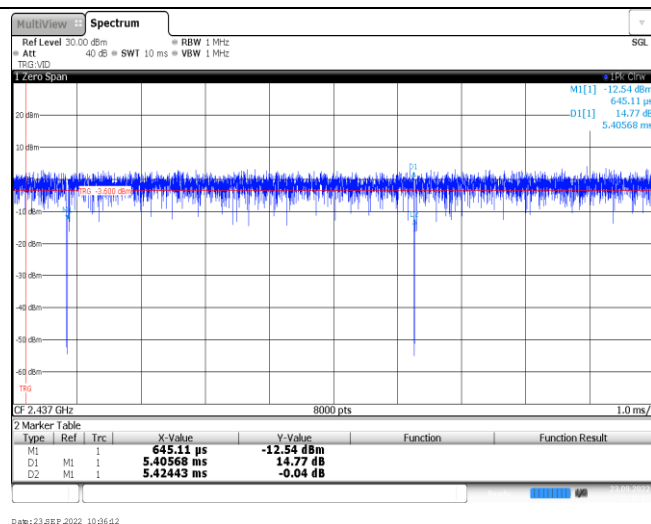
11b



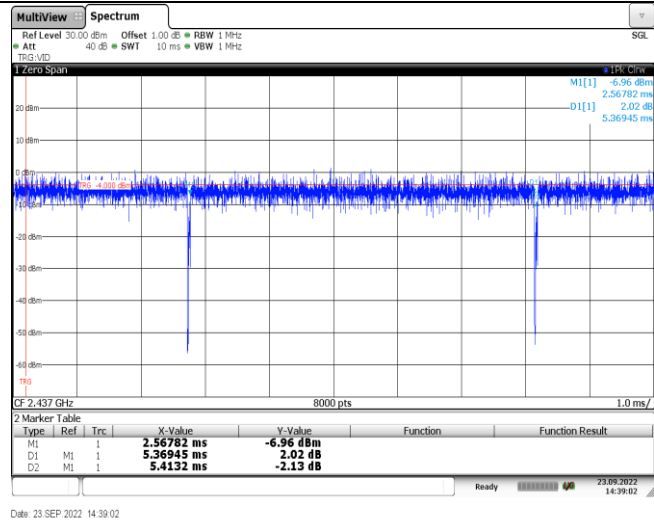
11g



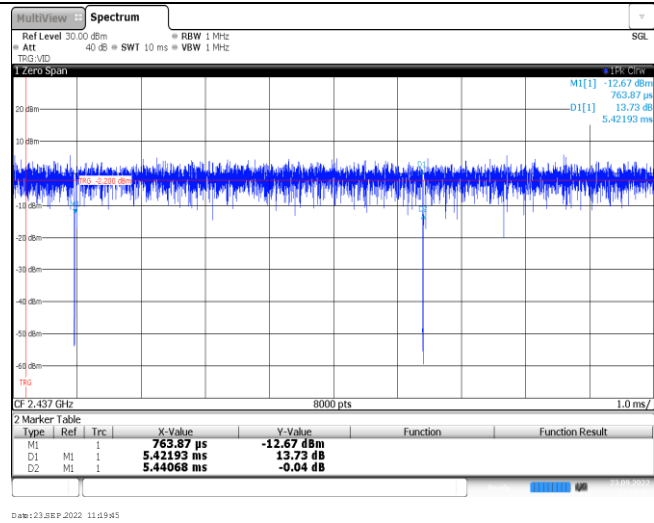
11n20



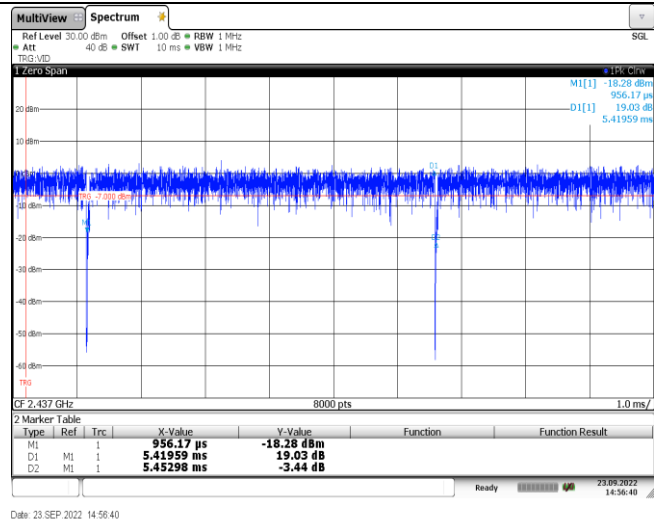
11n40



11ax20

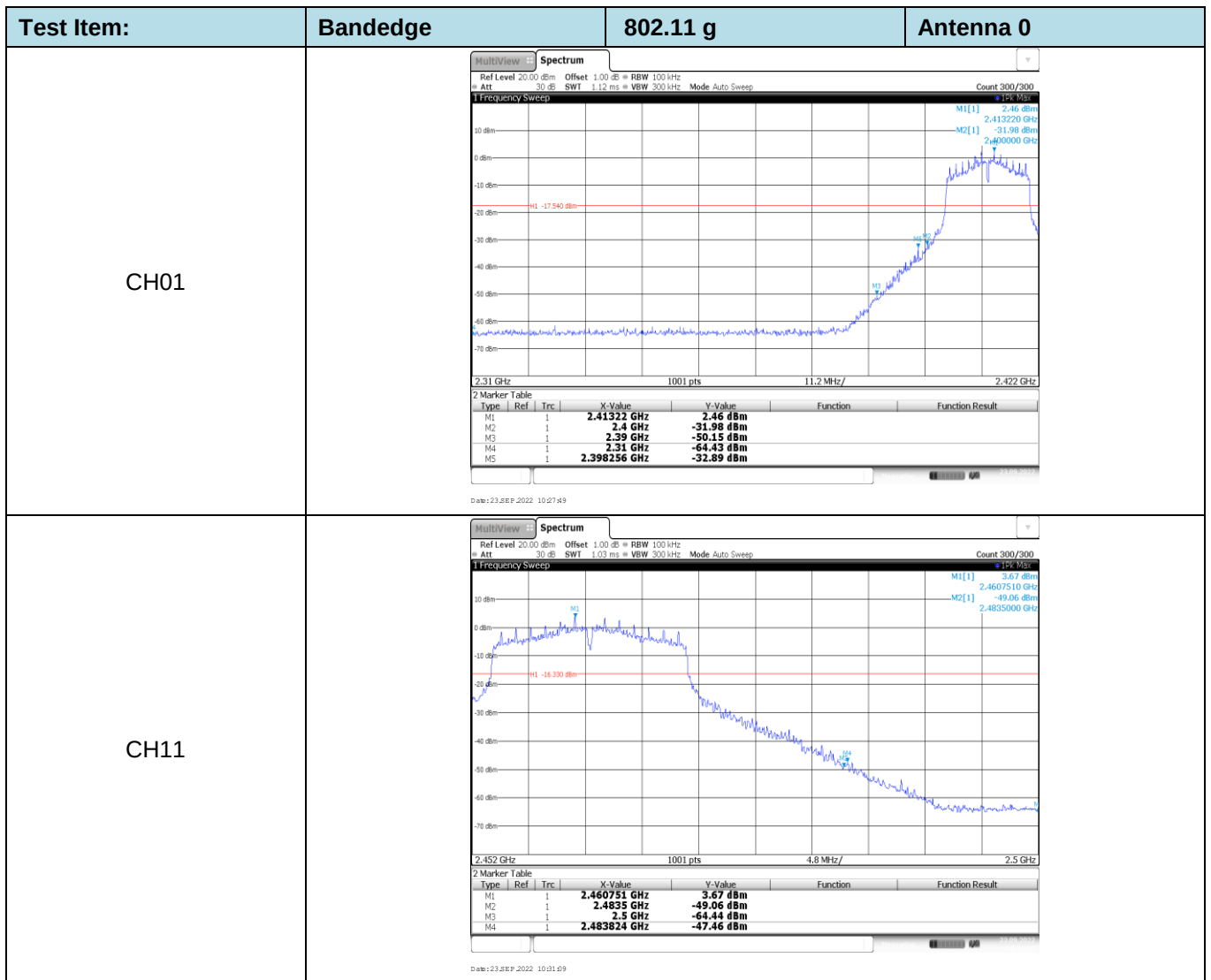


11ax40

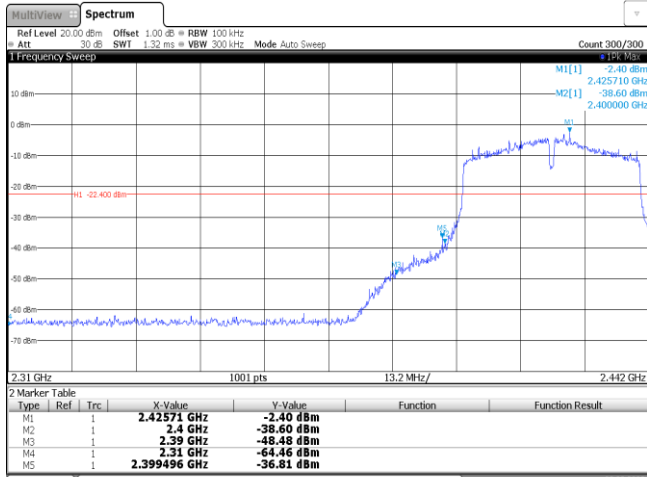
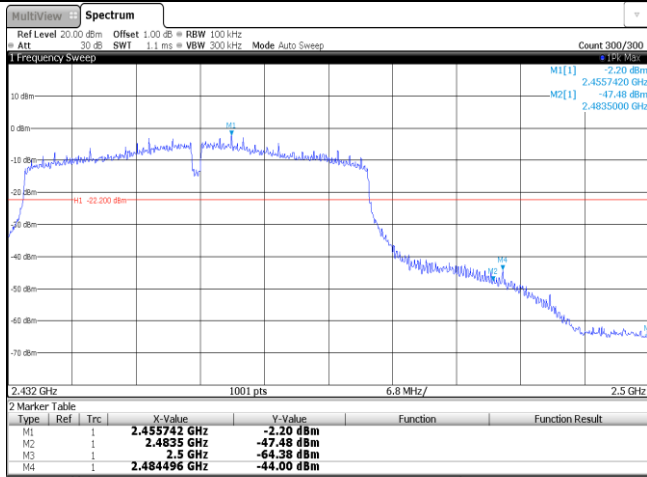


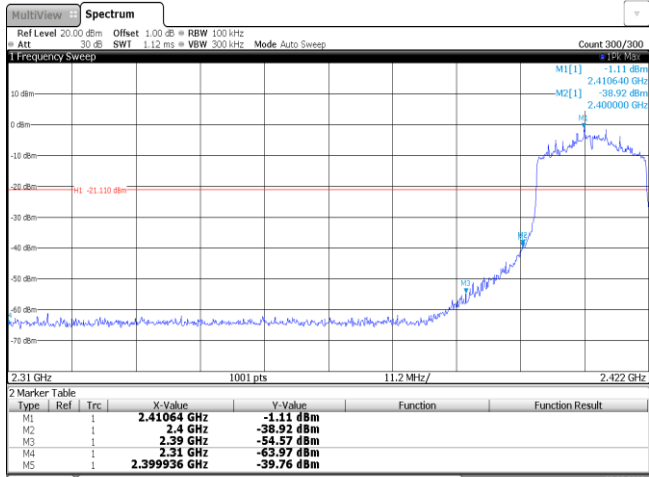
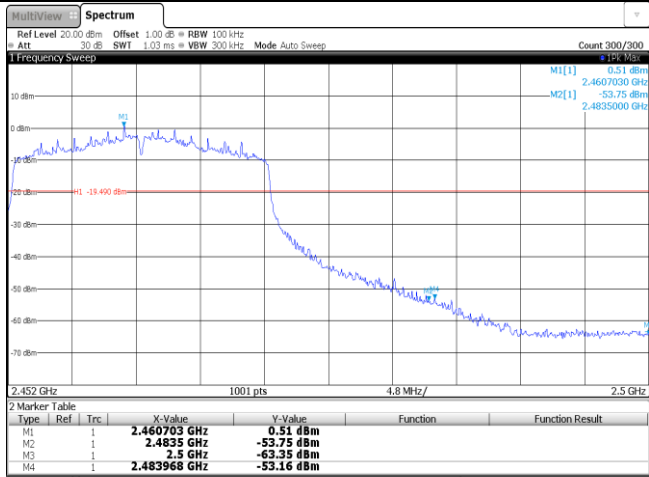
Appendix F: Band Edge and Spurious Emissions (Conducted)

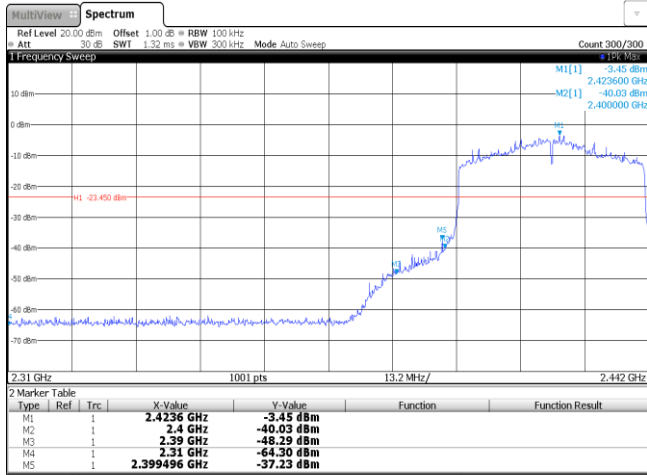
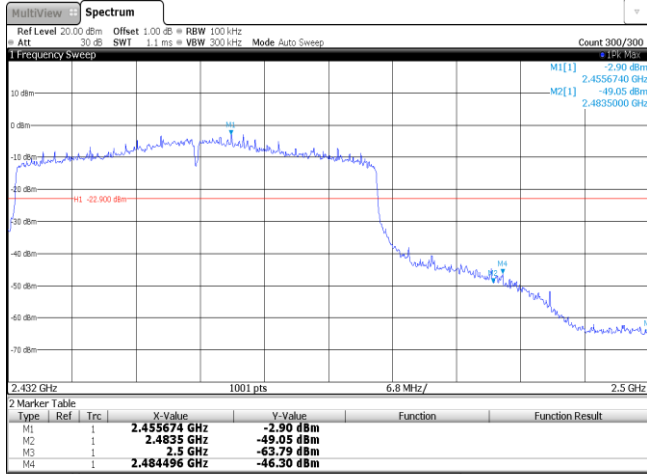
Test Item:	Bandedge	802.11 b	Antenna 0																																										
CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep M1[1] 1.81 dBm 2.412990 GHz M2[1] -45.06 dBm 2.410000 GHz H1 -18.190 dBm 2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.41299 GHz</td><td>1.81 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-45.06 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-54.14 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.09 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399488 GHz</td><td>-40.73 dBm</td><td></td><td></td></tr></table> Date: 23 SEP 2022 10:21:36			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41299 GHz	1.81 dBm			M2	1		2.4 GHz	-45.06 dBm			M3	1		2.39 GHz	-54.14 dBm			M4	1		2.31 GHz	-64.09 dBm			M5	1		2.399488 GHz	-40.73 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41299 GHz	1.81 dBm																																									
M2	1		2.4 GHz	-45.06 dBm																																									
M3	1		2.39 GHz	-54.14 dBm																																									
M4	1		2.31 GHz	-64.09 dBm																																									
M5	1		2.399488 GHz	-40.73 dBm																																									
CH11	MultiViewSpectrum 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 1 Frequency Sweep M1[1] -3.79 dBm 2.4609910 GHz M2[1] -52.96 dBm 2.4835000 GHz H1 -16.210 dBm 2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.460991 GHz</td><td>-3.79 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-52.96 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.55 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483536 GHz</td><td>-51.03 dBm</td><td></td><td></td></tr></table> Date: 23 SEP 2022 10:25:54			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.460991 GHz	-3.79 dBm			M2	1		2.4835 GHz	-52.96 dBm			M3	1		2.5 GHz	-62.55 dBm			M4	1		2.483536 GHz	-51.03 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.460991 GHz	-3.79 dBm																																									
M2	1		2.4835 GHz	-52.96 dBm																																									
M3	1		2.5 GHz	-62.55 dBm																																									
M4	1		2.483536 GHz	-51.03 dBm																																									



Test Item:	Bandedge	802.11 n(HT20)	Antenna 0
CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.12 ms VBW 300 kHz Mode Auto Sweep Count 200/200 Frequency Sweep M1[1] 0.40 dBm 2.413220 GHz -38.52 dBm M2[1] 2.400000 GHz M1 -19.600 dBm M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15 M16 M17 M18 M19 M20 M21 M22 M23 M24 M25 M26 M27 M28 M29 M30 M31 M32 M33 M34 M35 M36 M37 M38 M39 M40 M41 M42 M43 M44 M45 M46 M47 M48 M49 M50 M51 M52 M53 M54 M55 M56 M57 M58 M59 M60 M61 M62 M63 M64 M65 M66 M67 M68 M69 M70 M71 M72 M73 M74 M75 M76 M77 M78 M79 M80 M81 M82 M83 M84 M85 M86 M87 M88 M89 M90 M91 M92 M93 M94 M95 M96 M97 M98 M99 M100 M101 M102 M103 M104 M105 M106 M107 M108 M109 M110 M111 M112 M113 M114 M115 M116 M117 M118 M119 M120 M121 M122 M123 M124 M125 M126 M127 M128 M129 M130 M131 M132 M133 M134 M135 M136 M137 M138 M139 M140 M141 M142 M143 M144 M145 M146 M147 M148 M149 M150 M151 M152 M153 M154 M155 M156 M157 M158 M159 M160 M161 M162 M163 M164 M165 M166 M167 M168 M169 M170 M171 M172 M173 M174 M175 M176 M177 M178 M179 M180 M181 M182 M183 M184 M185 M186 M187 M188 M189 M190 M191 M192 M193 M194 M195 M196 M197 M198 M199 M200 M201 M202 M203 M204 M205 M206 M207 M208 M209 M210 M211 M212 M213 M214 M215 M216 M217 M218 M219 M220 M221 M222 M223 M224 M225 M226 M227 M228 M229 M230 M231 M232 M233 M234 M235 M236 M237 M238 M239 M240 M241 M242 M243 M244 M245 M246 M247 M248 M249 M250 M251 M252 M253 M254 M255 M256 M257 M258 M259 M260 M261 M262 M263 M264 M265 M266 M267 M268 M269 M270 M271 M272 M273 M274 M275 M276 M277 M278 M279 M280 M281 M282 M283 M284 M285 M286 M287 M288 M289 M290 M291 M292 M293 M294 M295 M296 M297 M298 M299 M300 M301 M302 M303 M304 M305 M306 M307 M308 M309 M310 M311 M312 M313 M314 M315 M316 M317 M318 M319 M320 M321 M322 M323 M324 M325 M326 M327 M328 M329 M330 M331 M332 M333 M334 M335 M336 M337 M338 M339 M340 M341 M342 M343 M344 M345 M346 M347 M348 M349 M350 M351 M352 M353 M354 M355 M356 M357 M358 M359 M360 M361 M362 M363 M364 M365 M366 M367 M368 M369 M370 M371 M372 M373 M374 M375 M376 M377 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M978 M979 M980 M981 M982 M983 M984 M985 M986 M987 M988 M989 M990 M991 M992 M993 M994 M995 M996 M997 M998 M999 M1000 M1001 M1002 M1003 M1004 M1005 M1006 M1007 M1008 M1009 M1010 M1011 M1012 M1013 M1014 M1015 M1016 M1017 M1018 M1019 M1020 M1021 M1022 M1023 M1024 M1025 M1026 M1027 M1028 M1029 M1030 M1031 M1032 M1033 M1034 M1035 M1036 M1037 M1038 M1039 M1040 M1041 M1042 M1043 M1044 M1045 M1046 M1047 M1048 M1049 M1050 M1051 M1052 M1053 M1054 M1055 M1056 M1057 M1058 M1059 M1060 M1061 M1062 M1063 M1064 M1065 M1066 M1067 M1068 M1069 M1070 M1071 M1072 M1073 M1074 M1075 M1076 M1077 M1078 M1079 M1080 M1081 M1082 M1083 M1084 M1085 M1086 M1087 M1088 M1089 M1090 M1091 M1092 M1093 M1094 M1095 M1096 M1097 M1098 M1099 M1100 M1101 M1102 M1103 M1104 M1105 M1106 M1107 M1108 M1109 M1110 M1111 M1112 M1113 M1114 M1115 M1116 M1117 M1118 M1119 M1120 M1121 M1122 M1123 M1124 M1125 M1126 M1127 M1128 M1129 M1130 M1131 M1132 M1133 M1134 M1135 M1136 M1137 M1138 M1139 M1140 M1141 M1142 M1143 M1144 M1145 M1146 M1147 M1148 M1149 M1150 M1151 M1152 M1153 M1154 M1155 M1156 M1157 M1158 M1159 M1160 M1161 M1162 M1163 M1164 M1165 M1166 M1167 M1168 M1169 M1170 M1171 M1172 M1173 M1174 M1175 M1176 M1177 M1178 M1179 M1180 M1181 M1182 M1183 M1184 M1185 M1186 M1187 M1188 M1189 M1190 M1191 M1192 M1193 M1194 M1195 M1196 M1197 M1198 M1199 M1200 M1201 M1202 M1203 M1204 M1205 M1206 M1207 M1208 M1209 M1210 M1211 M1212 M1213 M1214 M1215 M1216 M1217 M1218 M1219 M1220 M1221 M1222 M1223 M1224 M1225 M1226 M1227 M1228 M1229 M1230 M1231 M1232 M1233 M1234 M1235 M1236 M1237 M1238 M1239 M1240 M1241 M1242 M1243 M1244 M1245 M1246 M1247 M1248 M1249 M1250 M1251 M1252 M1253 M1254 M1255 M1256 M1257 M1258 M1259 M1260 M1261 M1262 M1263 M1264 M1265 M1266 M1267 M1268 M1269 M1270 M1271 M1272 M1273 M1274 M1275 M1276 M1277 M1278 M1279 M1280 M1281 M1282 M1283 M1284 M1285 M1286 M1287 M1288 M1289 M1290 M1291 M1292 M1293 M1294 M1295 M1296 M1297 M1298 M1299 M1300 M1301 M1302 M1303 M1304 M1305 M1306 M1307 M1308 M1309 M1310 M1311 M1312 M1313 M1314 M1315 M1316 M1317 M1318 M1319 M1320 M1321 M1322 M1323 M1324 M1325 M1326 M1327 M1328 M1329 M1330 M1331 M1332 M1333 M1334 M1335 M1336 M1337 M1338 M1339 M1340 M1341 M1342 M1343 M1344 M1345 M1346 M1347 M1348 M1349 M1350 M1351 M1352 M1353 M1354 M1355 M1356 M1357 M1358 M1359 M1360 M1361 M1362 M1363 M1364 M1365 M1366 M1367 M1368 M1369 M1370 M1371 M1372 M1373 M1374 M1375 M1376 M1377 M1378 M1379 M1380 M1381 M1382 M1383 M1384 M1385 M1386 M1387 M1388 M1389 M1390 M1391 M1392 M1393 M1394 M1395 M1396 M1397 M1398 M1399 M1400 M1401 M1402 M1403 M1404 M1405 M1406 M1407 M1408 M1409 M1410 M1411 M1412 M1413 M1414 M1415 M1416 M1417 M1418 M1419 M1420 M1421 M1422 M1423 M1424 M1425 M1426 M1427 M1428 M1429 M1430 M1431 M1432 M1433 M1434 M1435 M1436 M1437 M1438 M1439 M1440 M1441 M1442 M1443 M1444 M1445 M1446 M1447 M1448 M1449 M1450 M1451 M1452 M1453 M1454 M1455 M1456 M1457 M1458 M1459 M1460 M1461 M1462 M1463 M1464 M1465 M1466 M1467 M1468 M1469 M1470 M1471 M1472 M1473 M1474 M1475		

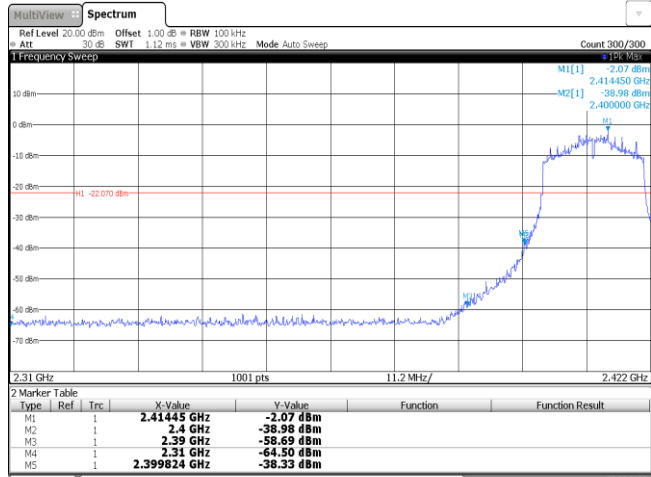
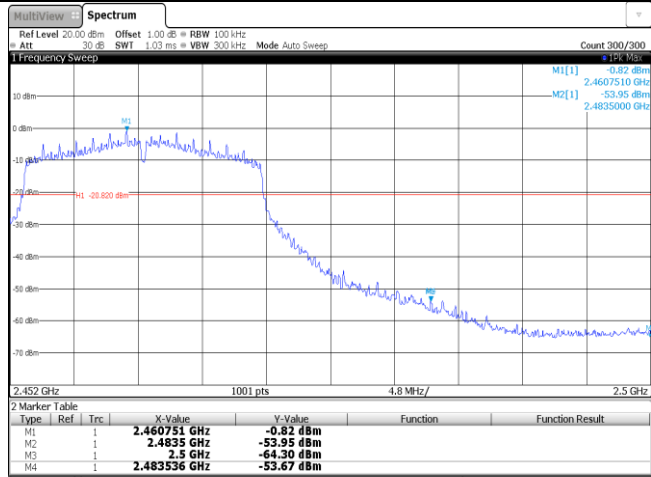
Test Item:	Bandedge	802.11 n(HT40)	Antenna 0																																										
CH03	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.52 ms VBW 300 kHz Mode Auto Sweep Count 300/300 115.150 MHz Frequency Sweep M1[1] -2.40 dBm 2.425710 GHz M2[1] -38.60 dBm 2.400000 GHz  2.31 GHz 1001 pts 13.2 MHz/ 2.442 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.42571 GHz</td><td>-2.40 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-38.60 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-48.48 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.46 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399496 GHz</td><td>-36.81 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 10:40:03			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.42571 GHz	-2.40 dBm			M2	1		2.4 GHz	-38.60 dBm			M3	1		2.39 GHz	-48.48 dBm			M4	1		2.31 GHz	-64.46 dBm			M5	1		2.399496 GHz	-36.81 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.42571 GHz	-2.40 dBm																																									
M2	1		2.4 GHz	-38.60 dBm																																									
M3	1		2.39 GHz	-48.48 dBm																																									
M4	1		2.31 GHz	-64.46 dBm																																									
M5	1		2.399496 GHz	-36.81 dBm																																									
CH09	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300 115.150 MHz Frequency Sweep M1[1] -2.20 dBm 2.4557420 GHz M2[1] -47.48 dBm 2.4835000 GHz  2.432 GHz 1001 pts 6.8 MHz/ 2.5 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.455742 GHz</td><td>-2.20 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-47.48 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-64.38 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.484496 GHz</td><td>-44.00 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 10:47:58			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.455742 GHz	-2.20 dBm			M2	1		2.4835 GHz	-47.48 dBm			M3	1		2.5 GHz	-64.38 dBm			M4	1		2.484496 GHz	-44.00 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.455742 GHz	-2.20 dBm																																									
M2	1		2.4835 GHz	-47.48 dBm																																									
M3	1		2.5 GHz	-64.38 dBm																																									
M4	1		2.484496 GHz	-44.00 dBm																																									

Test Item:	Bandedge	802.11 ax(HT20)	Antenna 0																																										
CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWT 1.12 ms VBW 300 kHz Mode Auto Sweep Count 200/200 1 Frequency Sweep  2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.41064 GHz</td><td>-1.11 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-38.92 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-54.57 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.97 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399936 GHz</td><td>-39.76 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:08:11			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41064 GHz	-1.11 dBm			M2	1		2.4 GHz	-38.92 dBm			M3	1		2.39 GHz	-54.57 dBm			M4	1		2.31 GHz	-63.97 dBm			M5	1		2.399936 GHz	-39.76 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41064 GHz	-1.11 dBm																																									
M2	1		2.4 GHz	-38.92 dBm																																									
M3	1		2.39 GHz	-54.57 dBm																																									
M4	1		2.31 GHz	-63.97 dBm																																									
M5	1		2.399936 GHz	-39.76 dBm																																									
CH11	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWT 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.460703 GHz</td><td>0.51 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-53.75 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.35 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483968 GHz</td><td>-53.16 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:01:05			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.460703 GHz	0.51 dBm			M2	1		2.4835 GHz	-53.75 dBm			M3	1		2.5 GHz	-63.35 dBm			M4	1		2.483968 GHz	-53.16 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.460703 GHz	0.51 dBm																																									
M2	1		2.4835 GHz	-53.75 dBm																																									
M3	1		2.5 GHz	-63.35 dBm																																									
M4	1		2.483968 GHz	-53.16 dBm																																									

Test Item:	Bandedge	802.11ax (HT40)	Antenna 0																																										
CH03	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Count 300/300 Att 30 dB SWT 1.52 ms VBW 300 kHz Mode Auto Sweep Frequency Sweep M1[1] -3.45 dBm 2.423600 GHz M2[1] -40.03 dBm 2.400000 GHz  2.31 GHz 1001 pts 13.2 MHz/ 2.442 GHz <table><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><tr><td>M1</td><td>1</td><td></td><td>2.4236 GHz</td><td>-3.45 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-40.03 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-48.29 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.30 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399496 GHz</td><td>-37.23 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:26:05			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.4236 GHz	-3.45 dBm			M2	1		2.4 GHz	-40.03 dBm			M3	1		2.39 GHz	-48.29 dBm			M4	1		2.31 GHz	-64.30 dBm			M5	1		2.399496 GHz	-37.23 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.4236 GHz	-3.45 dBm																																									
M2	1		2.4 GHz	-40.03 dBm																																									
M3	1		2.39 GHz	-48.29 dBm																																									
M4	1		2.31 GHz	-64.30 dBm																																									
M5	1		2.399496 GHz	-37.23 dBm																																									
CH09	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Count 300/300 Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Frequency Sweep M1[1] -2.90 dBm 2.455674 GHz M2[1] -49.05 dBm 2.483500 GHz  2.432 GHz 1001 pts 6.8 MHz/ 2.5 GHz <table><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><tr><td>M1</td><td>1</td><td></td><td>2.455674 GHz</td><td>-2.90 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-49.05 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.79 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.484496 GHz</td><td>-46.30 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:29:07			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.455674 GHz	-2.90 dBm			M2	1		2.4835 GHz	-49.05 dBm			M3	1		2.5 GHz	-63.79 dBm			M4	1		2.484496 GHz	-46.30 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.455674 GHz	-2.90 dBm																																									
M2	1		2.4835 GHz	-49.05 dBm																																									
M3	1		2.5 GHz	-63.79 dBm																																									
M4	1		2.484496 GHz	-46.30 dBm																																									

Test Item:	Bandedge	802.11 b	Antenna 1
CH01			

Test Item:	Bandedge	802.11 g	Antenna 1																																										
CH01	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] 3.06 dBm M2[1] 2.410640 GHz M3[1] -32.58 dBm M4[1] 2.400000 GHz 2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.41064 GHz</td><td>3.06 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-32.58 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-51.60 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.18 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399824 GHz</td><td>-32.18 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:00:24			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41064 GHz	3.06 dBm			M2	1		2.4 GHz	-32.58 dBm			M3	1		2.39 GHz	-51.60 dBm			M4	1		2.31 GHz	-63.18 dBm			M5	1		2.399824 GHz	-32.18 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41064 GHz	3.06 dBm																																									
M2	1		2.4 GHz	-32.58 dBm																																									
M3	1		2.39 GHz	-51.60 dBm																																									
M4	1		2.31 GHz	-63.18 dBm																																									
M5	1		2.399824 GHz	-32.18 dBm																																									
CH11	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] 3.39 dBm M2[1] 2.4632450 GHz M3[1] -48.57 dBm M4[1] 2.4835000 GHz 2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.463245 GHz</td><td>3.39 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-48.57 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.37 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483584 GHz</td><td>-48.09 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:03:49			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.463245 GHz	3.39 dBm			M2	1		2.4835 GHz	-48.57 dBm			M3	1		2.5 GHz	-63.37 dBm			M4	1		2.483584 GHz	-48.09 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.463245 GHz	3.39 dBm																																									
M2	1		2.4835 GHz	-48.57 dBm																																									
M3	1		2.5 GHz	-63.37 dBm																																									
M4	1		2.483584 GHz	-48.09 dBm																																									

Test Item:	Bandedge	802.11 n(HT20)	Antenna 1																																										
CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.12 ms VBW 300 kHz Mode Auto Sweep Count 200/200 1 Frequency Sweep  2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.41445 GHz</td><td>-2.07 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-38.98 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-58.69 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.50 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399824 GHz</td><td>-38.33 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:05:03			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41445 GHz	-2.07 dBm			M2	1		2.4 GHz	-38.98 dBm			M3	1		2.39 GHz	-58.69 dBm			M4	1		2.31 GHz	-64.50 dBm			M5	1		2.399824 GHz	-38.33 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41445 GHz	-2.07 dBm																																									
M2	1		2.4 GHz	-38.98 dBm																																									
M3	1		2.39 GHz	-58.69 dBm																																									
M4	1		2.31 GHz	-64.50 dBm																																									
M5	1		2.399824 GHz	-38.33 dBm																																									
CH11	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.460751 GHz</td><td>-0.82 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-53.95 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-64.30 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483536 GHz</td><td>-53.67 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:09:29			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.460751 GHz	-0.82 dBm			M2	1		2.4835 GHz	-53.95 dBm			M3	1		2.5 GHz	-64.30 dBm			M4	1		2.483536 GHz	-53.67 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M3	1		2.5 GHz	-64.30 dBm																																									
M4	1		2.483536 GHz	-53.67 dBm																																									

Test Item:	Bandedge	802.11 n(HT40)	Antenna 1																																										
CH03	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Count 300/300 Att 30 dB SWT 1.52 ms VBW 300 kHz Mode Auto Sweep Frequency Sweep 10 dB 0 dB -10 dB -20 dB -30 dB -40 dB -50 dB -60 dB -70 dB M1[1] -2.47 dBm M2[1] 2.416880 GHz M3[1] -38.49 dBm M4[1] 2.400000 GHz 2.31 GHz 1001 pts 13.2 MHz/ 2.442 GHz <table><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><tr><td>M1</td><td>1</td><td></td><td>2.41688 GHz</td><td>-2.47 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-38.49 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-48.04 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.95 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399496 GHz</td><td>-36.55 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:00:45			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41688 GHz	-2.47 dBm			M2	1		2.4 GHz	-38.49 dBm			M3	1		2.39 GHz	-48.04 dBm			M4	1		2.31 GHz	-63.95 dBm			M5	1		2.399496 GHz	-36.55 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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CH09	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Count 300/300 Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Frequency Sweep 10 dB 0 dB -10 dB -20 dB -30 dB -40 dB -50 dB -60 dB -70 dB M1[1] -2.08 dBm M2[1] 2.4494930 GHz M3[1] -45.15 dBm M4[1] 2.4835000 GHz 2.432 GHz 1001 pts 6.8 MHz/ 2.5 GHz <table><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><tr><td>M1</td><td>1</td><td></td><td>2.449493 GHz</td><td>-2.08 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-45.15 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-64.87 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483544 GHz</td><td>-45.15 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2022 11:03:07			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.449493 GHz	-2.08 dBm			M2	1		2.4835 GHz	-45.15 dBm			M3	1		2.5 GHz	-64.87 dBm			M4	1		2.483544 GHz	-45.15 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.449493 GHz	-2.08 dBm																																									
M2	1		2.4835 GHz	-45.15 dBm																																									
M3	1		2.5 GHz	-64.87 dBm																																									
M4	1		2.483544 GHz	-45.15 dBm																																									