

Radar type	Trial #	Detection	Trial #	Detection
		YES / NO		YES / NO
Type5	1	YES	16	YES
	2	YES	17	YES
	3	YES	18	YES
	4	YES	19	YES
	5	YES	20	YES
	6	YES	21	YES
	7	YES	22	YES
	8	YES	23	YES
	9	YES	24	YES
	10	YES	25	YES
	11	YES	26	YES
	12	YES	27	YES
	13	YES	28	YES
	14	YES	29	YES
	15	YES	30	YES

Radar type	Trial #	Detection	Trial #	Detection
		YES / NO		YES / NO
Type6	1	YES	16	YES
	2	YES	17	YES
	3	YES	18	YES
	4	YES	19	YES
	5	YES	20	YES
	6	YES	21	YES
	7	NO	22	YES
	8	YES	23	YES
	9	YES	24	YES
	10	YES	25	YES
	11	YES	26	YES
	12	YES	27	YES
	13	YES	28	YES
	14	YES	29	YES
	15	YES	30	YES

IEEE 802.11ax HE80 5530MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Pass times	Fail times	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	$\left\lceil \frac{1}{360} \right\rceil$ Roundup $\left\lceil \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right\rceil$	29	1	96.67
2	1-5	150-230	23-29	28	2	93.33
3	6-10	200-500	16-18	29	1	96.67
4	11-20	200-500	12-16	30	0	100.00
Aggregate (Radar Types 1-4)			-	116	4	96.67

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses Per Burst	Number of Bursts	Pass times	Fail times	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	29	1	96.67

Table 3: Frequency Hopping Radar Test Waveform

Rad ar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	0	100

Radar type	Trial #	Detection	Trial #	Detection
		YES / NO		YES / NO
Type1	1	YES	16	YES
	2	NO	17	YES
	3	YES	18	YES
	4	YES	19	YES
	5	YES	20	YES
	6	YES	21	YES
	7	YES	22	YES
	8	YES	23	YES
	9	YES	24	YES
	10	YES	25	YES
	11	YES	26	YES
	12	YES	27	YES
	13	YES	28	YES
	14	YES	29	YES
	15	YES	30	YES
Type2	1	YES	16	YES
	2	YES	17	YES
	3	YES	18	YES
	4	YES	19	YES
	5	YES	20	YES
	6	YES	21	YES
	7	NO	22	YES
	8	YES	23	YES
	9	YES	24	YES
	10	YES	25	YES
	11	YES	26	NO
	12	YES	27	YES
	13	YES	28	YES
	14	YES	29	YES
	15	YES	30	YES

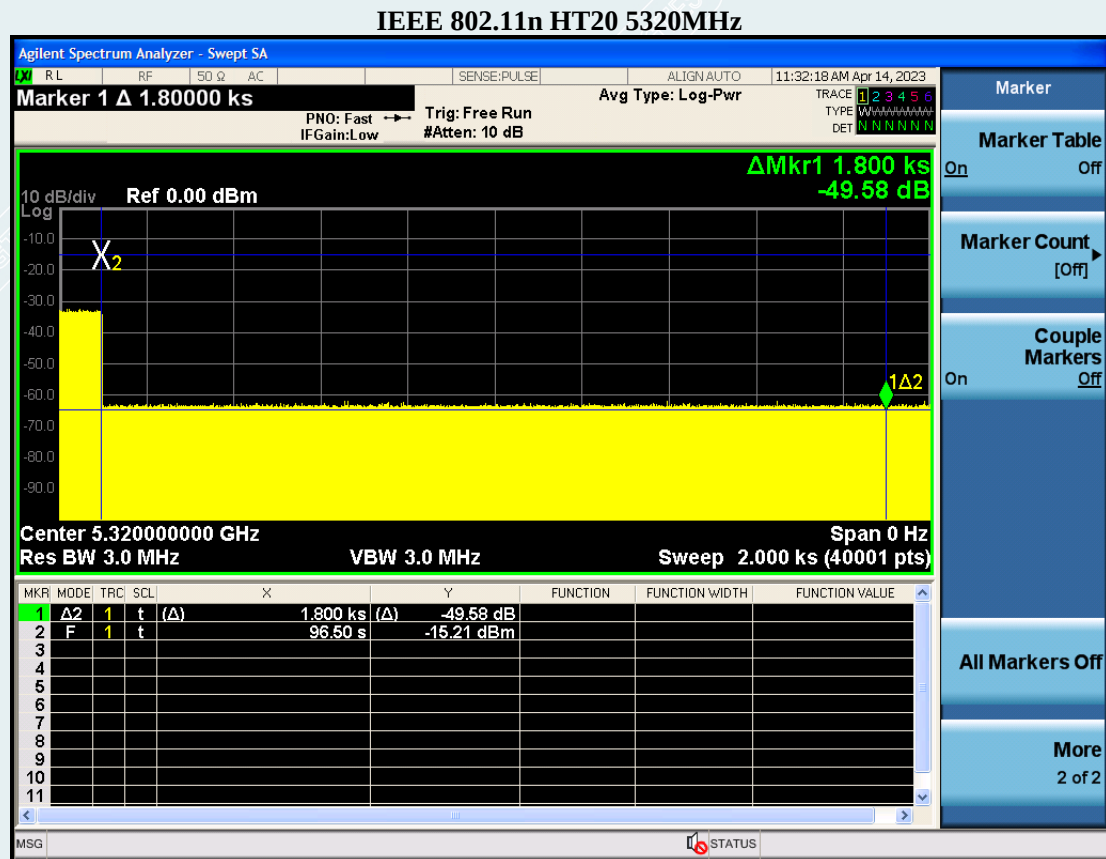
Type3	1	YES	16	YES
	2	YES	17	YES
	3	YES	18	YES
	4	YES	19	YES
	5	YES	20	YES
	6	YES	21	YES
	7	YES	22	YES
	8	NO	23	YES
	9	YES	24	YES
	10	YES	25	YES
	11	YES	26	YES
	12	YES	27	YES
	13	YES	28	YES
	14	YES	29	YES
	15	YES	30	YES
Type4	1	YES	16	YES
	2	YES	17	YES
	3	YES	18	YES
	4	YES	19	YES
	5	YES	20	YES
	6	YES	21	YES
	7	YES	22	YES
	8	YES	23	YES
	9	YES	24	YES
	10	YES	25	YES
	11	YES	26	YES
	12	YES	27	YES
	13	YES	28	YES
	14	YES	29	YES
	15	YES	30	YES

Radar type	Trial #	Detection	Trial #	Detection
		YES / NO		YES / NO
Type5	1	YES	16	YES
	2	YES	17	YES
	3	YES	18	YES
	4	YES	19	YES
	5	YES	20	YES
	6	YES	21	YES
	7	YES	22	YES
	8	YES	23	YES
	9	YES	24	YES
	10	YES	25	YES
	11	YES	26	YES
	12	NO	27	YES
	13	YES	28	YES
	14	YES	29	YES
	15	YES	30	YES

Radar type	Trial #	Detection	Trial #	Detection
		YES / NO		YES / NO
Type6	1	YES	16	YES
	2	YES	17	YES
	3	YES	18	YES
	4	YES	19	YES
	5	YES	20	YES
	6	YES	21	YES
	7	YES	22	YES
	8	YES	23	YES
	9	YES	24	YES
	10	YES	25	YES
	11	YES	26	YES
	12	YES	27	YES
	13	YES	28	YES
	14	YES	29	YES
	15	YES	30	YES

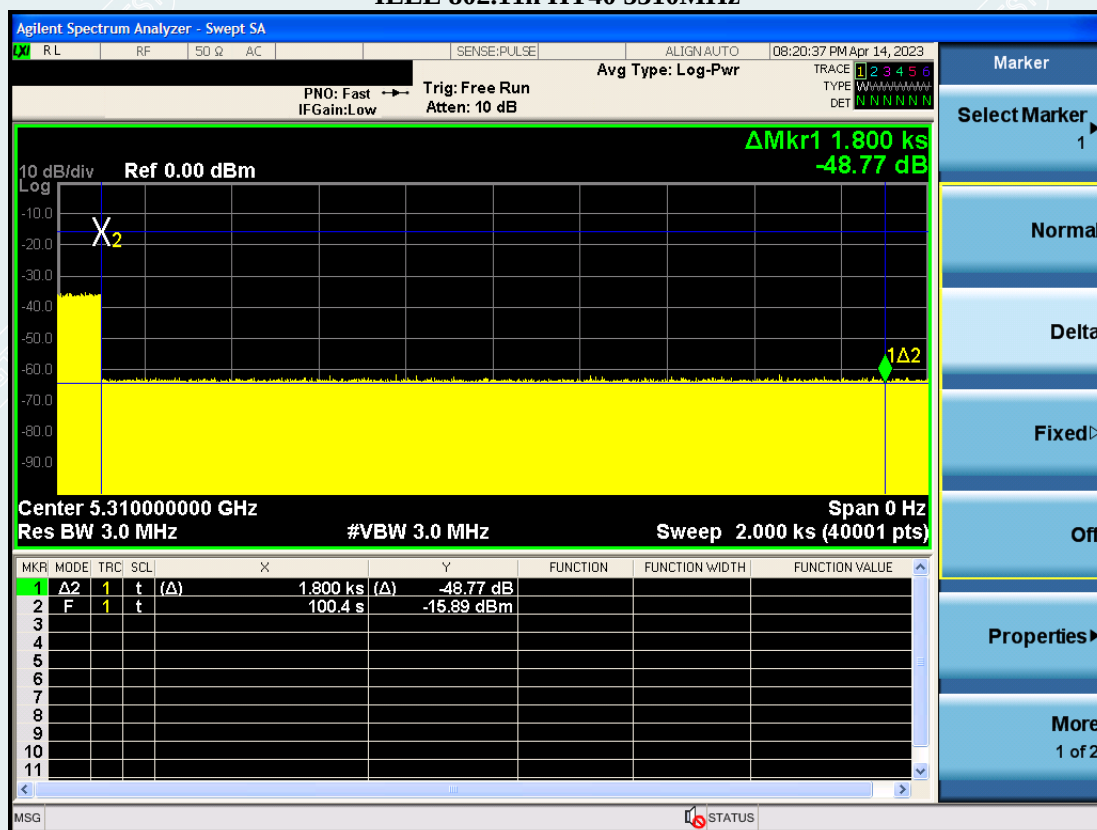
7.6 NON-OCCUPANCY PERIOD TEST RESULT

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.

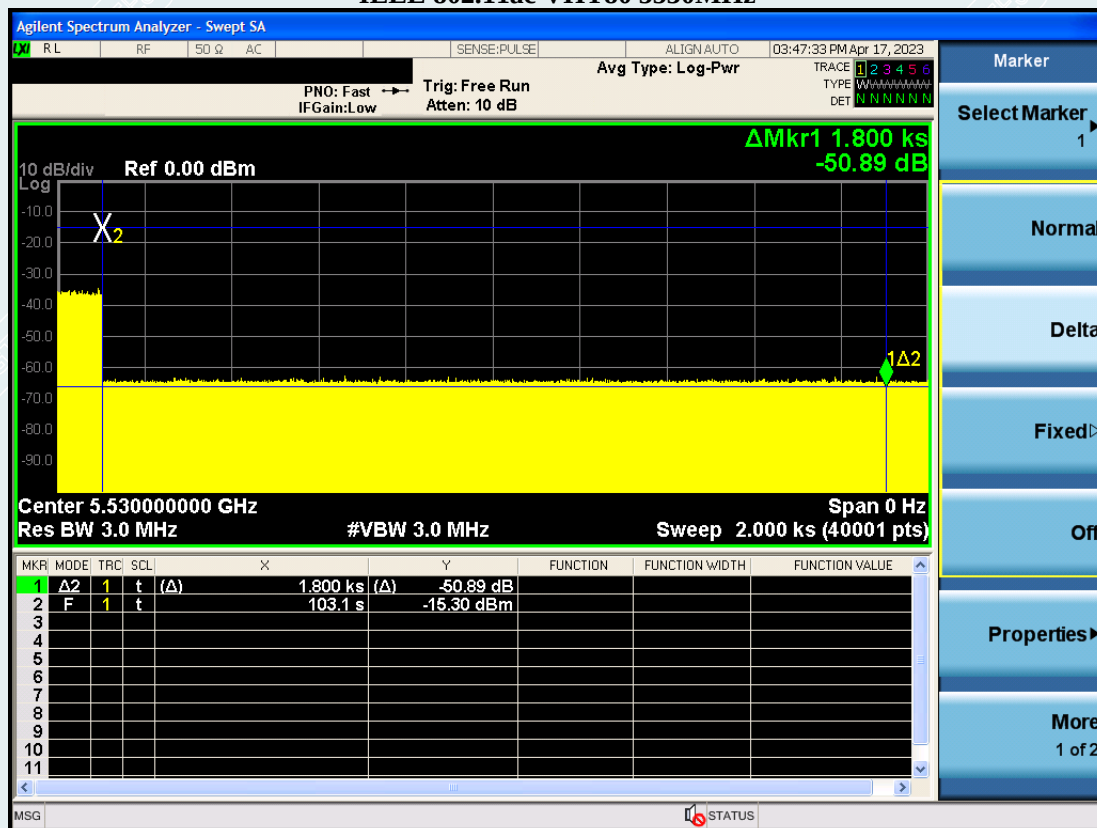


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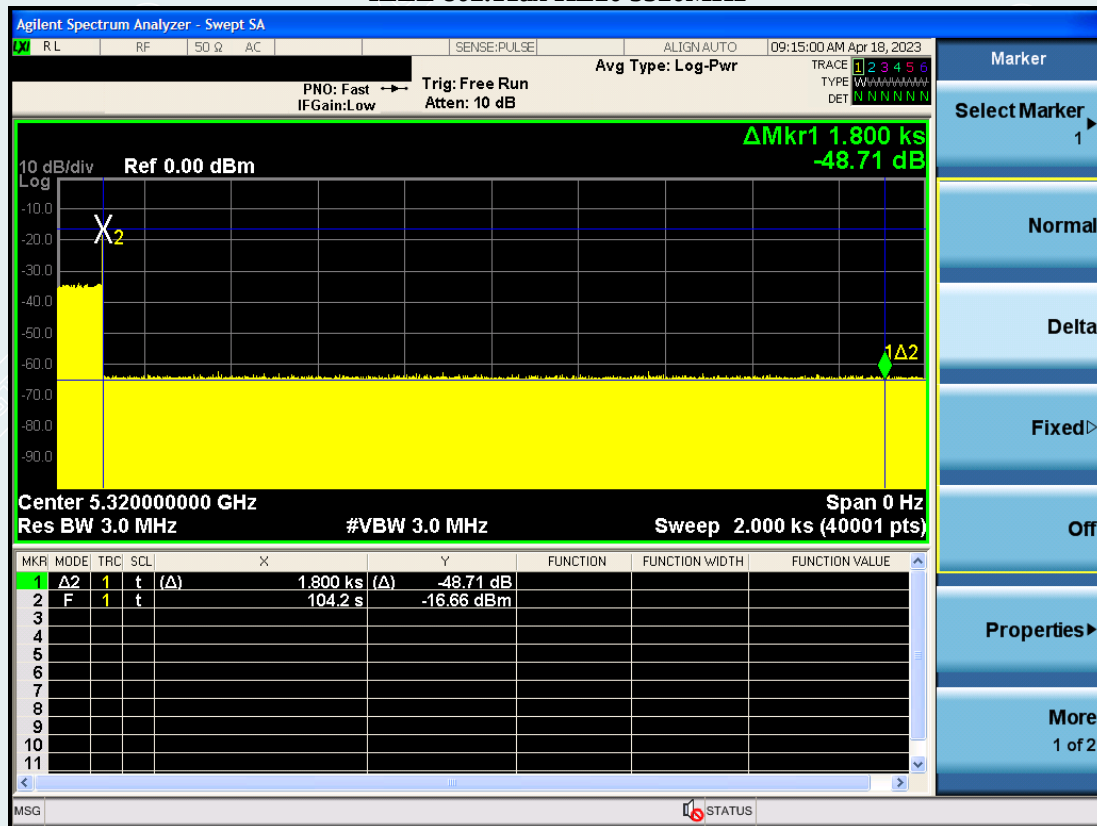
IEEE 802.11n HT40 5310MHz



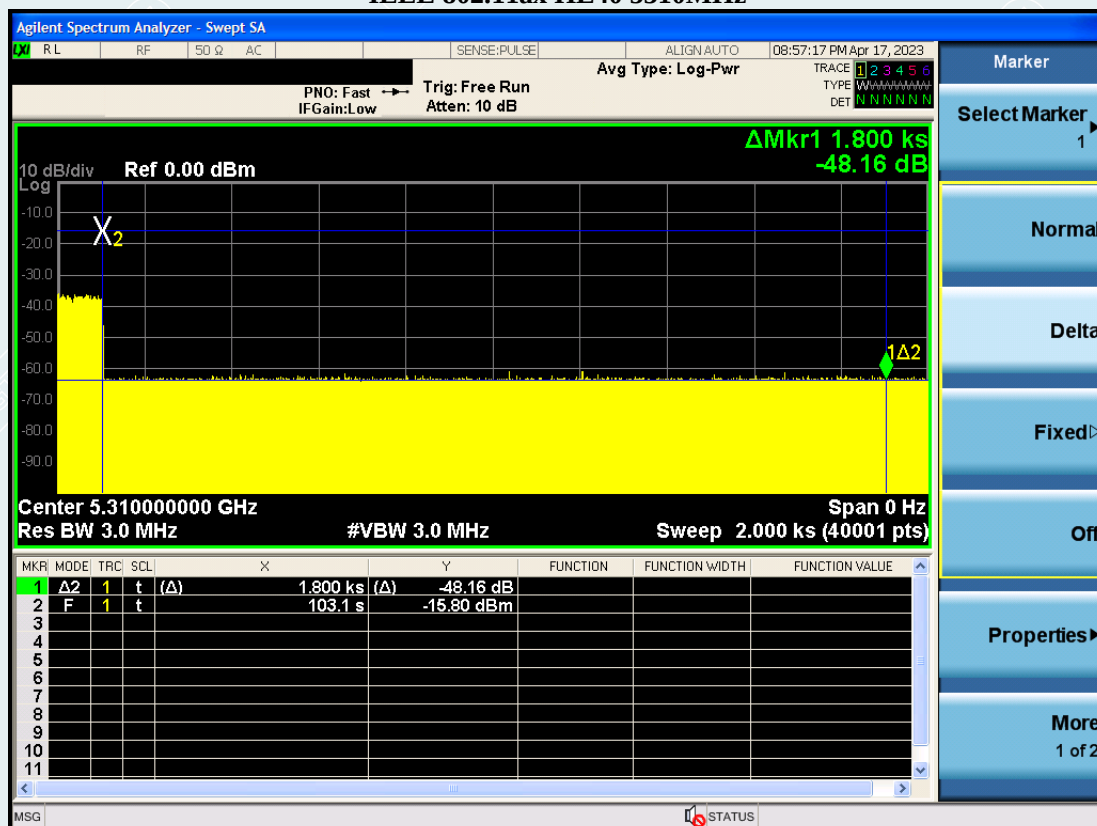
IEEE 802.11ac VHT80 5530MHz



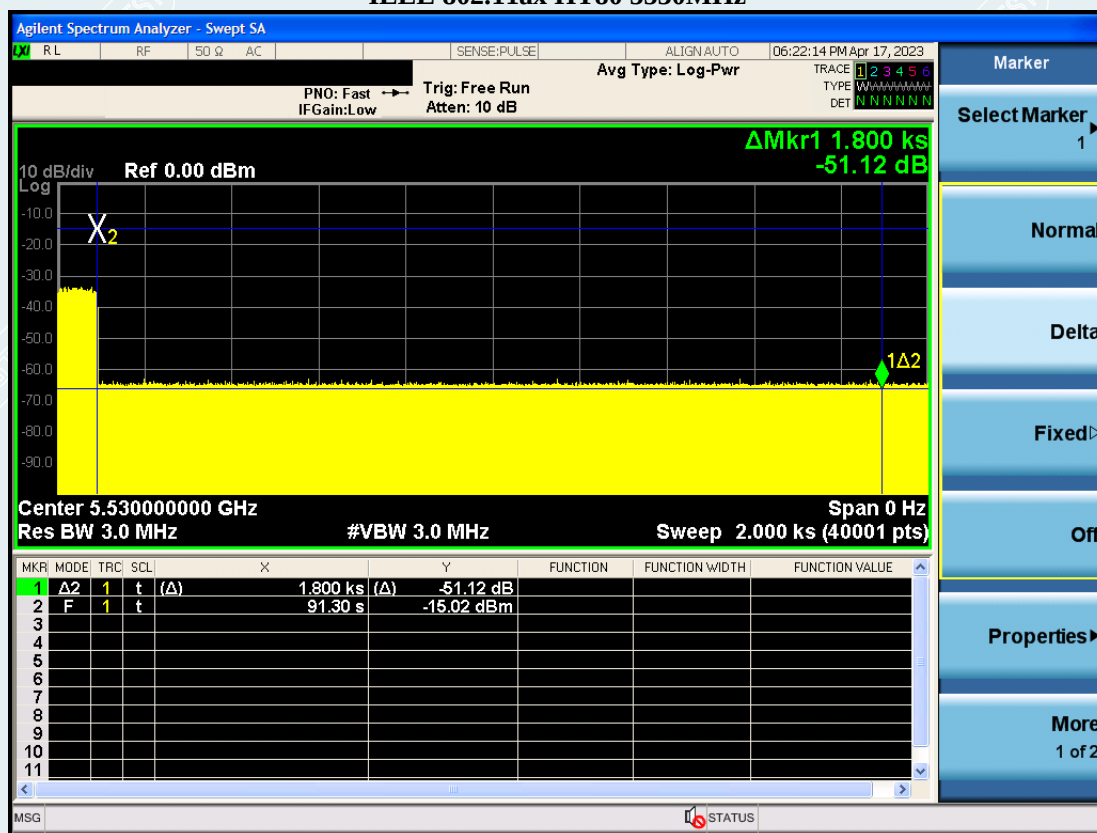
IEEE 802.11ax HE20 5320MHz



IEEE 802.11ax HE40 5310MHz



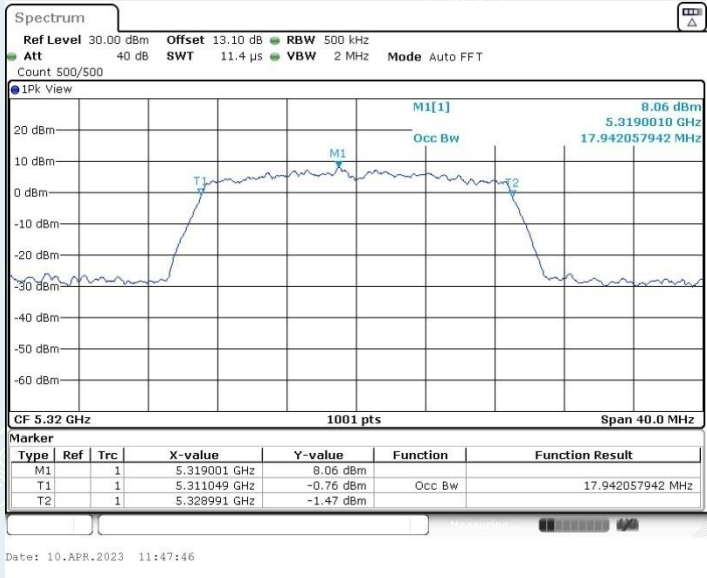
IEEE 802.11ax HT80 5530MHz



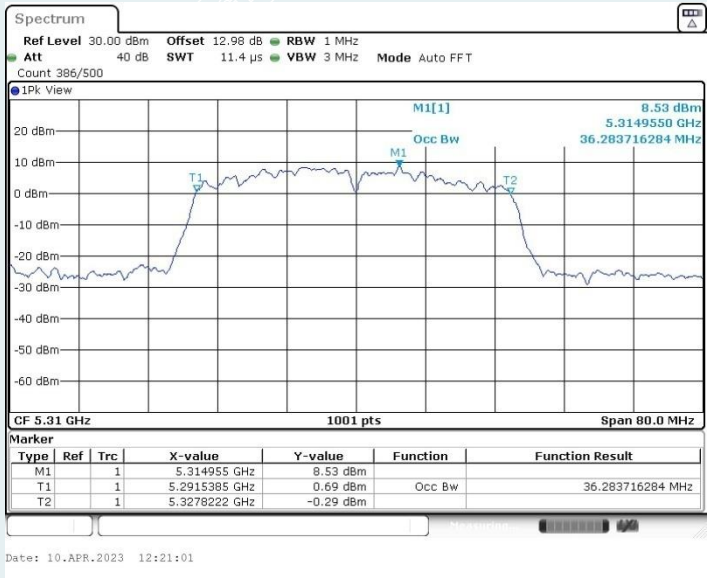
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7.7 U-NII DETECTION BANDWIDTH TEST RESULT

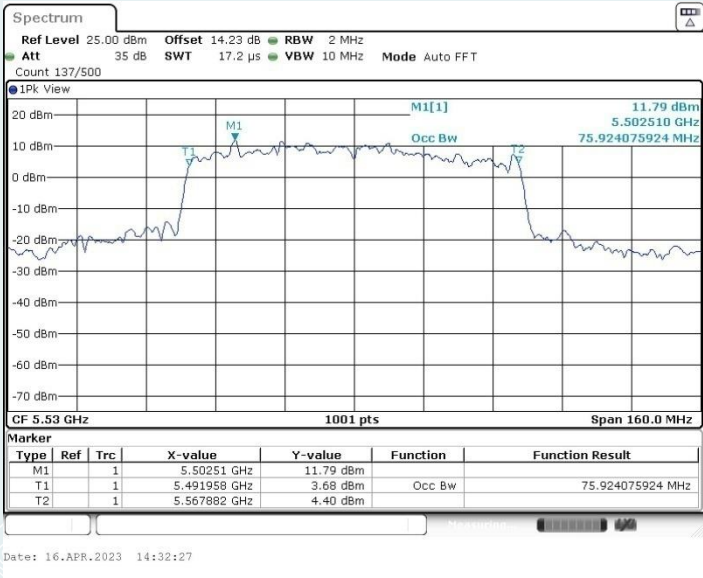
IEEE 802.11n HT20 5320MHz
99% Channel Bandwidth



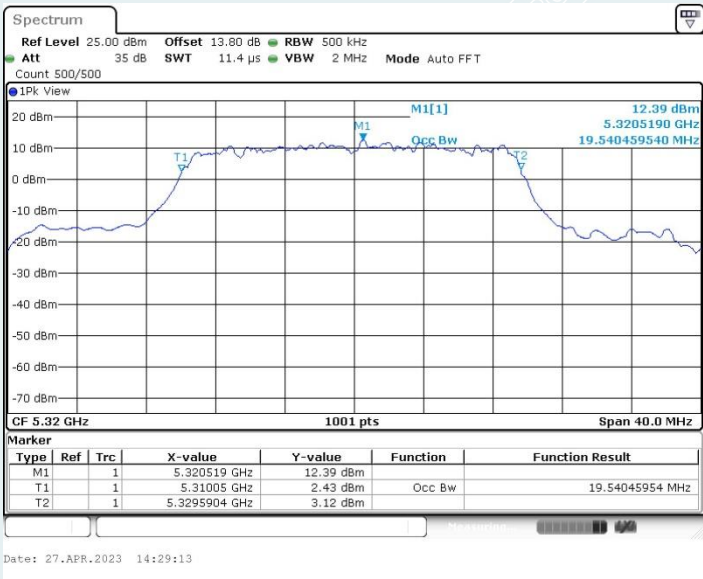
IEEE 802.11n HT40 5310MHz
99% Channel Bandwidth



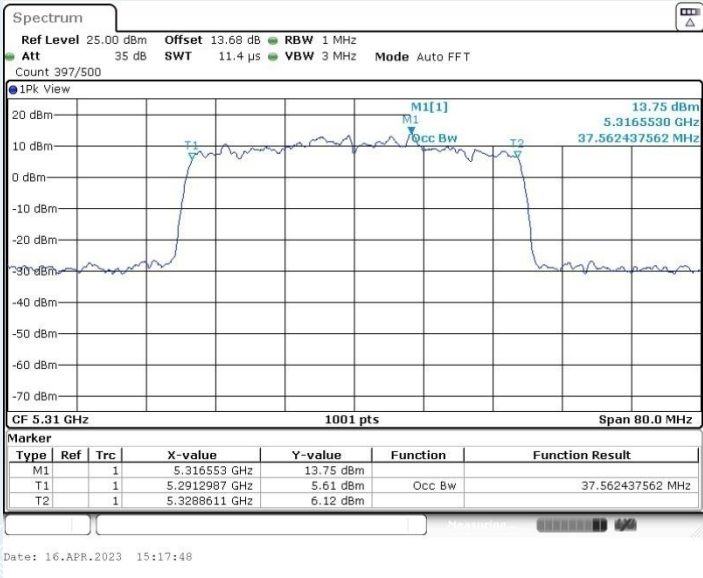
IEEE 802.11ac VHT80 5530MHz
99% Channel Bandwidth



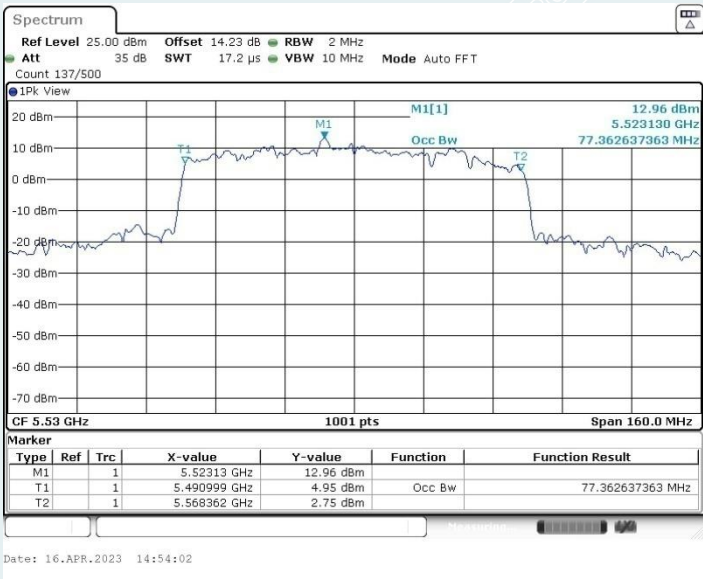
IEEE 802.11ax HE20 5320MHz
99% Channel Bandwidth



IEEE 802.11ax HE40 5310MHz
99% Channel Bandwidth



IEEE 802.11ax HE80 5530MHz
99% Channel Bandwidth



IEEE 802.11n HT5320MHz

Detection Bandwidth test transmission 20MHz											
EUT FREQUENCY	5320MHz										
Detection Bandwidth limit(100%of EUT 99% Power bandw	17.94MHz										
Detection Bandwidth(5329(FH)-5311(FL))	18MHz										
Test Result	PASS										
Radar Freq (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5309	1	1	1	1	0	1	1	1	1	1	90
5310	1	1	1	1	1	0	1	1	1	1	90
5311(FL)	1	1	1	1	1	1	1	1	1	1	100
5312	1	1	1	1	1	1	1	1	1	1	100
5313	1	1	1	1	1	1	1	1	1	1	100
5314	1	1	1	1	1	1	1	1	1	1	100
5315	1	1	1	1	1	1	1	1	1	1	100
5316	1	1	1	1	1	1	1	1	1	1	100
5317	1	1	1	1	1	1	1	1	1	1	100
5318	1	1	1	1	1	1	1	1	1	1	100
5319	1	1	1	1	1	1	1	1	1	1	100
5320	1	1	1	1	1	1	1	1	1	1	100
5321	1	1	1	1	1	1	1	1	1	1	100
5322	1	1	1	1	1	1	1	1	1	1	100
5323	1	1	1	1	1	1	1	1	1	1	100
5324	1	1	1	1	1	1	1	1	1	1	100
5325	1	1	1	1	1	1	1	1	1	1	100
5326	1	1	1	1	1	1	1	1	1	1	100
5327	1	1	1	1	1	1	1	1	1	1	100
5328	1	1	1	1	1	1	1	1	1	1	100
5329(FH)	1	1	1	1	1	1	1	1	1	1	100
5330	1	1	1	1	1	1	1	1	1	1	100
5331	1	1	1	1	1	1	0	1	1	1	90

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IEEE 802.11n HT40 5310MHz

Detection Bandwidth test transmission	40MHz										
EUT FREQUENCY	5310MHz										
Detection Bandwidth limit(100%of EUT 99% Power bandwidth)	36.28MHz										
Detection Bandwidth(5329(FH)-5291(FL))	38MHz										
Test Result	PASS										
Radar Freq (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5289	1	1	1	1	0	1	1	0	1	1	80
5290	1	1	1	1	1	1	1	0	1	1	90
5291(FL)	1	1	1	1	1	1	1	1	1	1	100
5292	1	1	1	1	1	1	1	1	1	1	100
5293	1	1	1	1	1	1	1	1	1	1	100
5294	1	1	1	1	1	1	1	1	1	1	100
5295	1	1	1	1	1	1	1	1	1	1	100
5296	1	1	1	1	1	1	1	1	1	1	100
5297	1	1	1	1	1	1	1	1	1	1	100
5298	1	1	1	1	1	1	1	1	1	1	100
5299	1	1	1	1	1	1	1	1	1	1	100
5300	1	1	1	1	1	1	1	1	1	1	100
5301	1	1	1	1	1	1	1	1	1	1	100
5302	1	1	1	1	1	1	1	1	1	1	100
5303	1	1	1	1	1	1	1	1	1	1	100
5304	1	1	1	1	1	1	1	1	1	1	100
5305	1	1	1	1	1	1	1	1	1	1	100
5306	1	1	1	1	1	1	1	1	1	1	100
5307	1	1	1	1	1	1	1	1	1	1	100
5308	1	1	1	1	1	1	1	1	1	1	100
5309	1	1	1	1	1	1	1	1	1	1	100
5310	1	1	1	1	1	1	1	1	1	1	100
5311	1	1	1	1	1	1	1	1	1	1	100
5312	1	1	1	1	1	1	1	1	1	1	100
5313	1	1	1	1	1	1	1	1	1	1	100
5314	1	1	1	1	1	1	1	1	1	1	100
5315	1	1	1	1	1	1	1	1	1	1	100
5316	1	1	1	1	1	1	1	1	1	1	100
5317	1	1	1	1	1	1	1	1	1	1	100
5318	1	1	1	1	1	1	1	1	1	1	100
5319	1	1	1	1	1	1	1	1	1	1	100
5320	1	1	1	1	1	1	1	1	1	1	100
5321	1	1	1	1	1	1	1	1	1	1	100
5322	1	1	1	1	1	1	1	1	1	1	100
5323	1	1	1	1	1	1	1	1	1	1	100
5324	1	1	1	1	1	1	1	1	1	1	100
5325	1	1	1	1	1	1	1	1	1	1	100
5326	1	1	1	1	1	1	1	1	1	1	100
5327	1	1	1	1	1	1	1	1	1	1	100
5328	1	1	1	1	1	1	1	1	1	1	100
5329(FH)	1	1	1	1	1	1	1	1	1	1	100
5330	1	1	1	1	1	1	1	1	1	1	100
5331	1	1	1	1	1	1	0	1	1	1	90

5536	1	1	1	1	1	1	1	1	1	1	100
5537	1	1	1	1	1	1	1	1	1	1	100
5538	1	1	1	1	1	1	1	1	1	1	100
5539	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5541	1	1	1	1	1	1	1	1	1	1	100
5542	1	1	1	1	1	1	1	1	1	1	100
5543	1	1	1	1	1	1	1	1	1	1	100
5544	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5546	1	1	1	1	1	1	1	1	1	1	100
5547	1	1	1	1	1	1	1	1	1	1	100
5548	1	1	1	1	1	1	1	1	1	1	100
5549	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5551	1	1	1	1	1	1	1	1	1	1	100
5552	1	1	1	1	1	1	1	1	1	1	100
5553	1	1	1	1	1	1	1	1	1	1	100
5554	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5556	1	1	1	1	1	1	1	1	1	1	100
5557	1	1	1	1	1	1	1	1	1	1	100
5558	1	1	1	1	1	1	1	1	1	1	100
5559	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5561	1	1	1	1	1	1	1	1	1	1	100
5562	1	1	1	1	1	1	1	1	1	1	100
5563	1	1	1	1	1	1	1	1	1	1	100
5564	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	100
5566	1	1	1	1	1	1	1	1	1	1	100
5567	1	1	1	1	1	1	1	1	1	1	100
5568(FH)	1	1	1	1	1	1	1	1	1	1	100
5569	1	1	1	1	1	1	1	1	1	1	100
5570	1	1	1	1	1	1	1	1	1	1	100
5571	1	1	1	1	1	1	1	1	1	1	100

----- The following blanks -----

IEEE 802.11ax HE20 5320MHz

Detection Bandwidth test transmission 20MHz											
EUT FREQUENCY		5320MHz									
Detection Bandwidth limit(100%of EUT 99% Power bandwidth)		19.54MHz									
Detection Bandwidth(5330(FH)-5310(FL))		20MHz									
Test Result		PASS									
Radar Freq (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5308	1	1	0	1	1	1	1	1	1	1	90
5309	1	1	1	1	1	1	1	1	1	1	100
5310(FL)	1	1	1	1	1	1	1	1	1	1	100
5311	1	1	1	1	1	1	1	1	1	1	100
5312	1	1	1	1	1	1	1	1	1	1	100
5313	1	1	1	1	1	1	1	1	1	1	100
5314	1	1	1	1	1	1	1	1	1	1	100
5315	1	1	1	1	1	1	1	1	1	1	100
5316	1	1	1	1	1	1	1	1	1	1	100
5317	1	1	1	1	1	1	1	1	1	1	100
5318	1	1	1	1	1	1	1	1	1	1	100
5319	1	1	1	1	1	1	1	1	1	1	100
5320	1	1	1	1	1	1	1	1	1	1	100
5321	1	1	1	1	1	1	1	1	1	1	100
5322	1	1	1	1	1	1	1	1	1	1	100
5323	1	1	1	1	1	1	1	1	1	1	100
5324	1	1	1	1	1	1	1	1	1	1	100
5325	1	1	1	1	1	1	1	1	1	1	100
5326	1	1	1	1	1	1	1	1	1	1	100
5327	1	1	1	1	1	1	1	1	1	1	100
5328	1	1	1	1	1	1	1	1	1	1	100
5329	1	1	1	1	1	1	1	1	1	1	100
5330(FH)	1	1	1	1	1	1	1	1	1	1	100
5331	1	1	1	1	1	1	1	1	1	1	100
5332	1	1	1	1	1	1	1	1	1	1	100

----- The following blanks -----

IEEE 802.11ax HE40 5310MHz

Detection Bandwidth test transmission	40MHz											
EUT FREQUENCY	5310MHz											
Detection Bandwidth limit(100%of EUT 99% Power bandwidth)	37.56MHz											
Detection Bandwidth(5329(FH)-5291(FL))	38MHz											
Test Result	PASS											
	DFS Detection Trials (1=Detection, 0= No Detection)											
Radar Freq (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)	
5289	1	1	0	1	0	1	1	1	1	1	80	
5290	1	1	0	1	1	1	1	0	1	1	80	
5291(FL)	1	1	1	1	1	1	1	1	1	1	100	
5292	1	1	1	1	1	1	1	1	1	1	100	
5293	1	1	1	1	1	1	1	1	1	1	100	
5294	1	1	1	1	1	1	1	1	1	1	100	
5295	1	1	1	1	1	1	1	1	1	1	100	
5296	1	1	1	1	1	1	1	1	1	1	100	
5297	1	1	1	1	1	1	1	1	1	1	100	
5298	1	1	1	1	1	1	1	1	1	1	100	
5299	1	1	1	1	1	1	1	1	1	1	100	
5300	1	1	1	1	1	1	1	1	1	1	100	
5301	1	1	1	1	1	1	1	1	1	1	100	
5302	1	1	1	1	1	1	1	1	1	1	100	
5303	1	1	1	1	1	1	1	1	1	1	100	
5304	1	1	1	1	1	1	1	1	1	1	100	
5305	1	1	1	1	1	1	1	1	1	1	100	
5306	1	1	1	1	1	1	1	1	1	1	100	
5307	1	1	1	1	1	1	1	1	1	1	100	
5308	1	1	1	1	1	1	1	1	1	1	100	
5309	1	1	1	1	1	1	1	1	1	1	100	
5310	1	1	1	1	1	1	1	1	1	1	100	
5311	1	1	1	1	1	1	1	1	1	1	100	
5312	1	1	1	1	1	1	1	1	1	1	100	
5313	1	1	1	1	1	1	1	1	1	1	100	
5314	1	1	1	1	1	1	1	1	1	1	100	
5315	1	1	1	1	1	1	1	1	1	1	100	
5316	1	1	1	1	1	1	1	1	1	1	100	
5317	1	1	1	1	1	1	1	1	1	1	100	
5318	1	1	1	1	1	1	1	1	1	1	100	
5319	1	1	1	1	1	1	1	1	1	1	100	
5320	1	1	1	1	1	1	1	1	1	1	100	
5321	1	1	1	1	1	1	1	1	1	1	100	
5322	1	1	1	1	1	1	1	1	1	1	100	
5323	1	1	1	1	1	1	1	1	1	1	100	
5324	1	1	1	1	1	1	1	1	1	1	100	
5325	1	1	1	1	1	1	1	1	1	1	100	
5326	1	1	1	1	1	1	1	1	1	1	100	
5327	1	1	1	1	1	1	1	1	1	1	100	
5328	1	1	1	1	1	1	1	1	1	1	100	
5329(FH)	1	1	1	1	1	1	1	1	1	1	100	
5330	1	1	0	1	1	1	1	1	1	1	90	
5331	1	0	1	1	0	1	1	1	1	1	80	

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[illegible]

5535	1	1	1	1	1	1	1	1	1	1	100
5536	1	1	1	1	1	1	1	1	1	1	100
5537	1	1	1	1	1	1	1	1	1	1	100
5538	1	1	1	1	1	1	1	1	1	1	100
5539	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5541	1	1	1	1	1	1	1	1	1	1	100
5542	1	1	1	1	1	1	1	1	1	1	100
5543	1	1	1	1	1	1	1	1	1	1	100
5544	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5546	1	1	1	1	1	1	1	1	1	1	100
5547	1	1	1	1	1	1	1	1	1	1	100
5548	1	1	1	1	1	1	1	1	1	1	100
5549	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5551	1	1	1	1	1	1	1	1	1	1	100
5552	1	1	1	1	1	1	1	1	1	1	100
5553	1	1	1	1	1	1	1	1	1	1	100
5554	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5556	1	1	1	1	1	1	1	1	1	1	100
5557	1	1	1	1	1	1	1	1	1	1	100
5558	1	1	1	1	1	1	1	1	1	1	100
5559	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5561	1	1	1	1	1	1	1	1	1	1	100
5562	1	1	1	1	1	1	1	1	1	1	100
5563	1	1	1	1	1	1	1	1	1	1	100
5564	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	100
5566	1	1	1	1	1	1	1	1	1	1	100
5567	1	1	1	1	1	1	1	1	1	1	100
5568	1	1	1	1	1	1	1	1	1	1	100
5569(FH)	1	1	1	1	1	1	1	1	1	1	100
5570	1	0	1	1	1	1	1	1	1	1	90
5571	1	1	1	1	0	1	1	1	1	1	90

----- The following blanks -----

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E20230322427101-6 Test setup photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E20230322427101-7 EUT Photo.

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