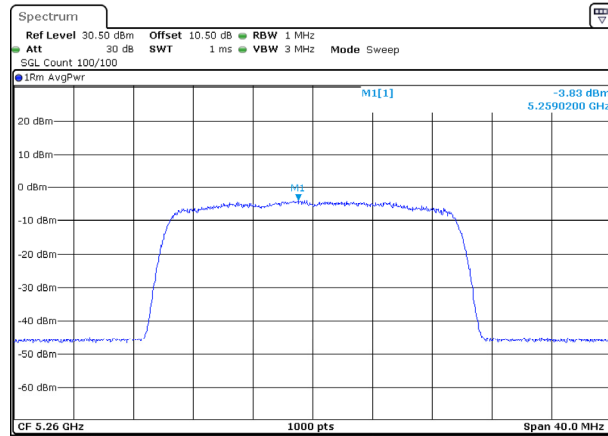
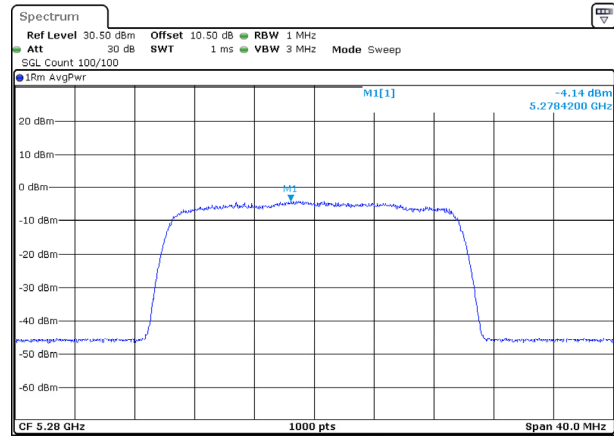


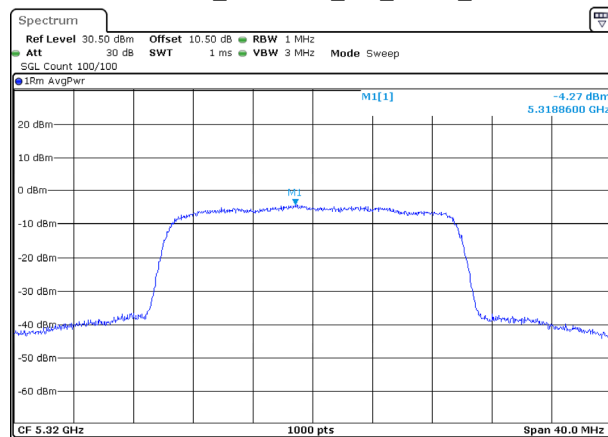
802.11be20_5260MHz_RU_FULL_Ant 1



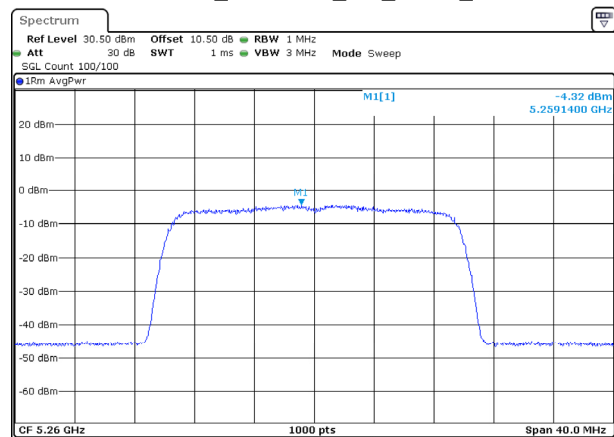
802.11be20_5280MHz_RU_FULL_Ant 1



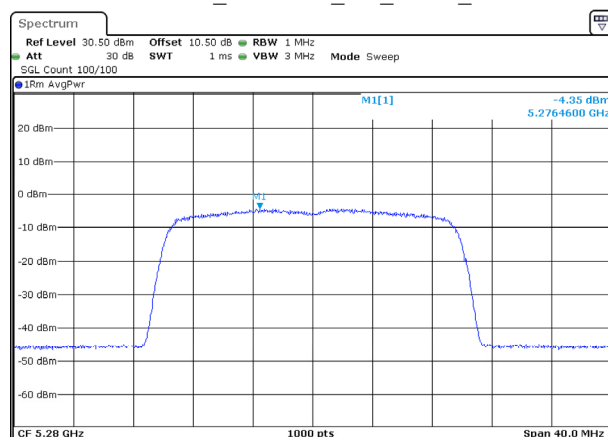
802.11be20_5320MHz_RU_FULL_Ant 1



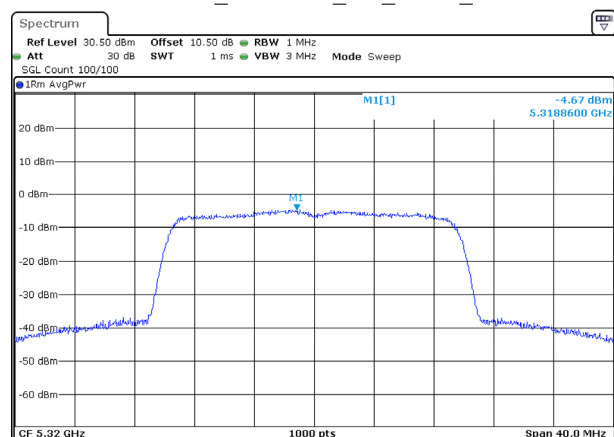
802.11be20_5260MHz_RU_FULL_Ant 2



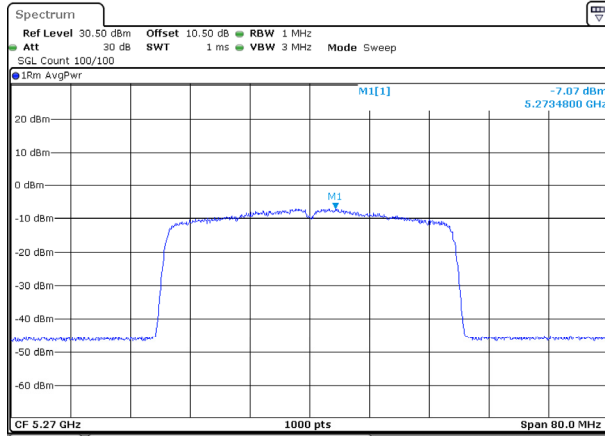
802.11be20_5280MHz_RU_FULL_Ant 2



802.11be20_5320MHz_RU_FULL_Ant 2

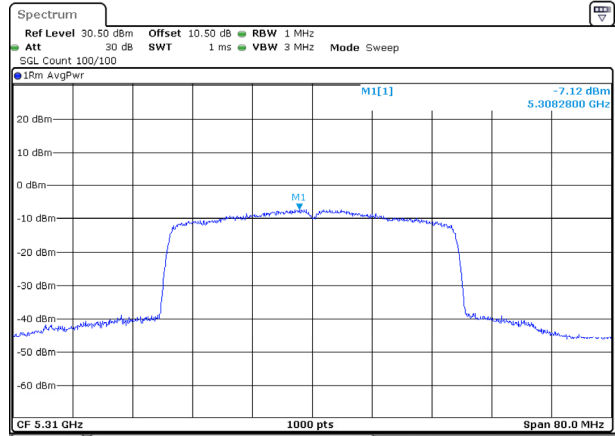


802.11be40_5270MHz_RU_FULL_Ant 0



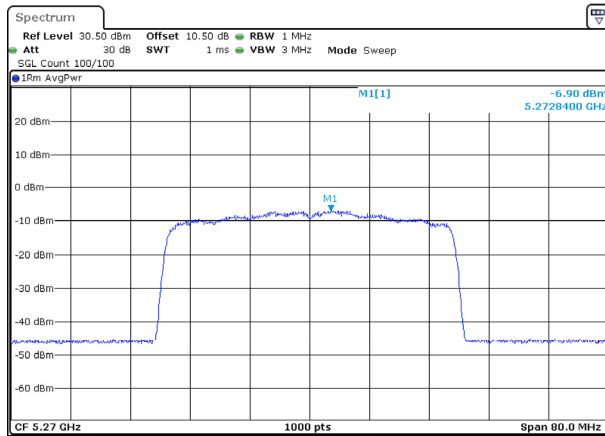
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:25:57

802.11be40_5310MHz_RU_FULL_Ant 0



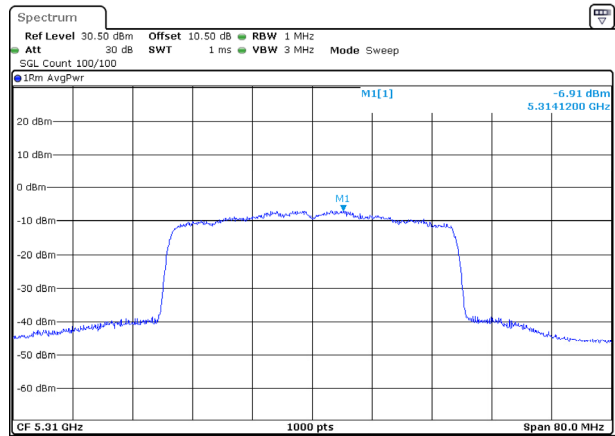
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:26:40

802.11be40_5270MHz_RU_FULL_Ant 1



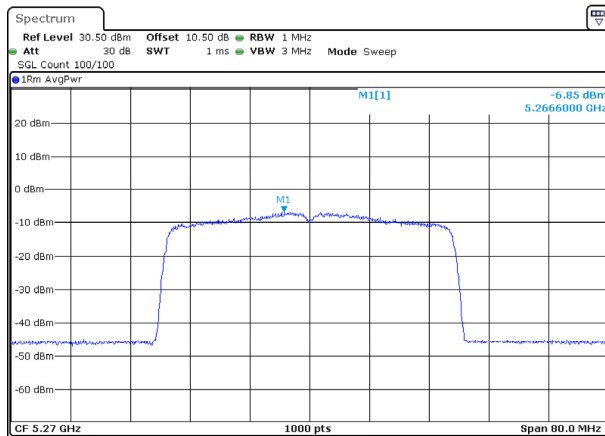
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:14:05

802.11be40_5310MHz_RU_FULL_Ant 1



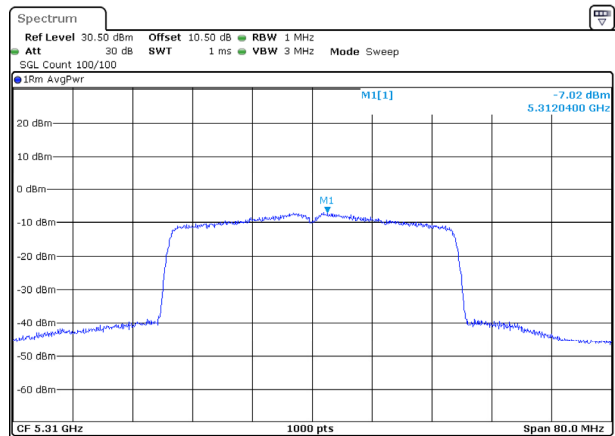
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:14:42

802.11be40_5270MHz_RU_FULL_Ant 2



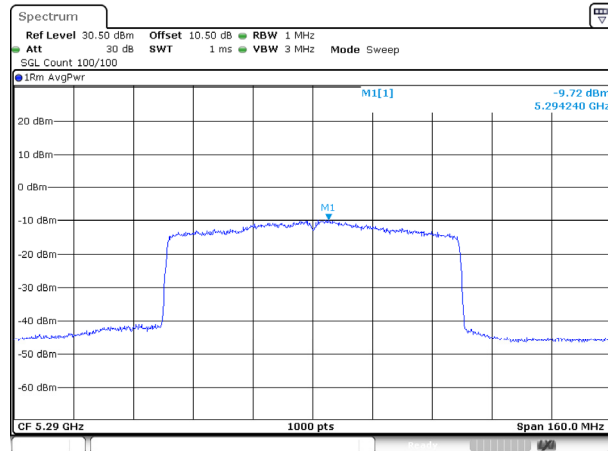
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:20:05

802.11be40_5310MHz_RU_FULL_Ant 2



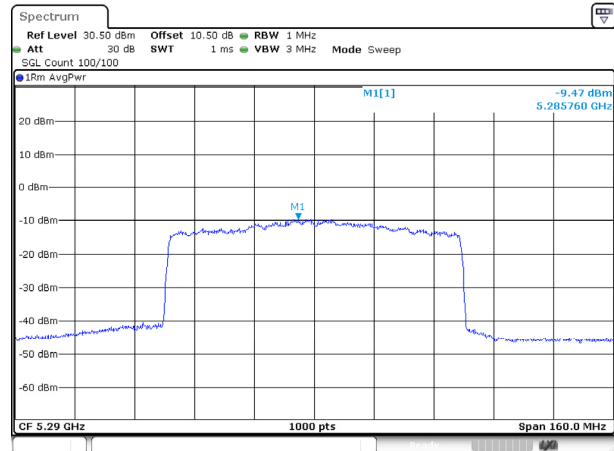
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:20:42

802.11be80_5290MHz_RU_FULL_Ant 0



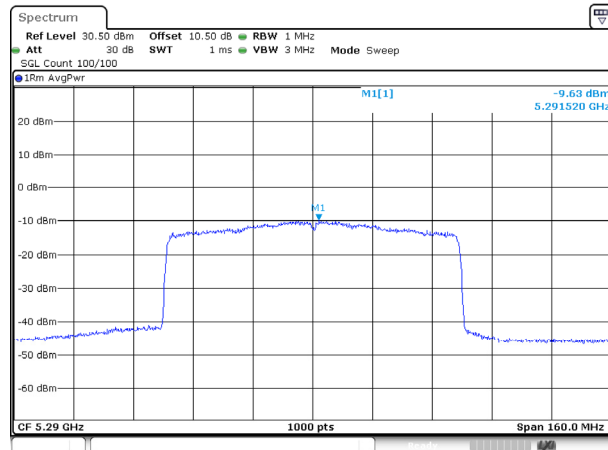
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:27:33

802.11be80_5290MHz_RU_FULL_Ant 1



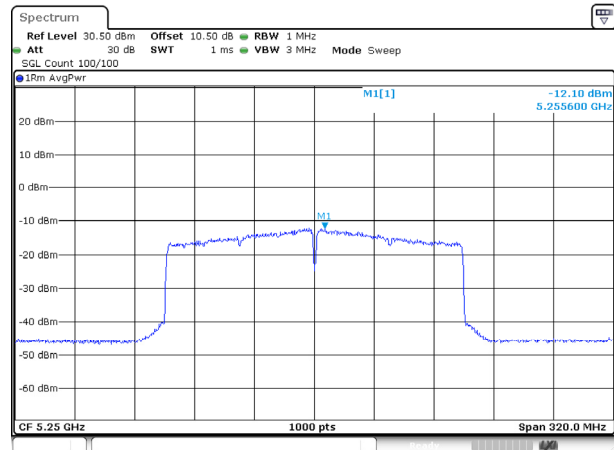
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:15:42

802.11be80_5290MHz_RU_FULL_Ant 2



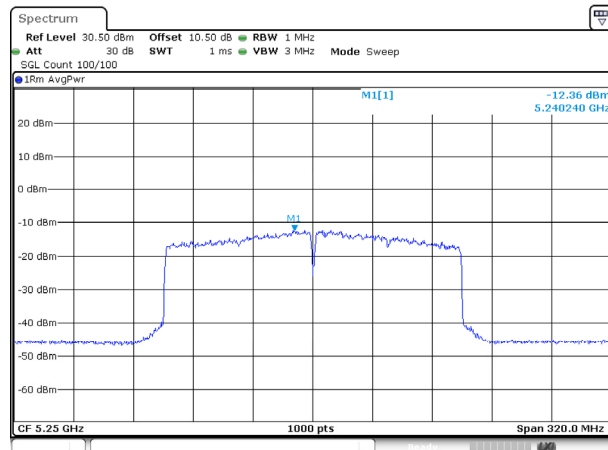
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:21:34

802.11be160_5250MHz_RU_FULL_Ant 0



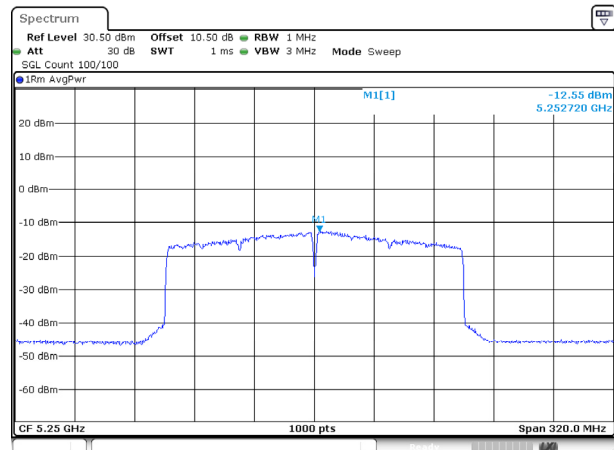
ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:28:20

802.11be160_5250MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:16:45

802.11be160_5250MHz_RU_FULL_Ant 2



ProjectNo.:2601P12244E-RF Tester:Kungfumastr Liang
Date: 26.MAR.2026 05:22:21

Duty Cycle

Test Information:

Sample No.:	3GAV-5	Test Date:	2026/02/10~2026/02/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	24.7-25.2	Relative Humidity: (%)	50-52	ATM Pressure: (kPa)	101.2-101.5
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Test Data:**5150-5250MHz**

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	1.388	1.442	96.26	0.17	720	1
802.11ac20	5200	1.301	1.354	96.09	0.17	769	1
802.11ac40	5190	0.651	0.704	92.47	0.34	1536	2
802.11ac80	5210	0.324	0.386	83.94	0.76	3086	5
802.11ax20_RU_FULL	5200	0.310	0.363	85.40	0.69	3226	5
802.11ax40_RU_FULL	5190	0.310	0.372	83.33	0.79	3226	5
802.11ax80_RU_FULL	5210	0.297	0.350	84.86	0.71	3367	5
802.11be20_RU_FULL	5200	0.364	0.426	85.45	0.68	2747	3
802.11be40_RU_FULL	5190	0.364	0.426	85.45	0.68	2747	3
802.11be80_RU_FULL	5210	0.348	0.410	84.88	0.71	2874	3

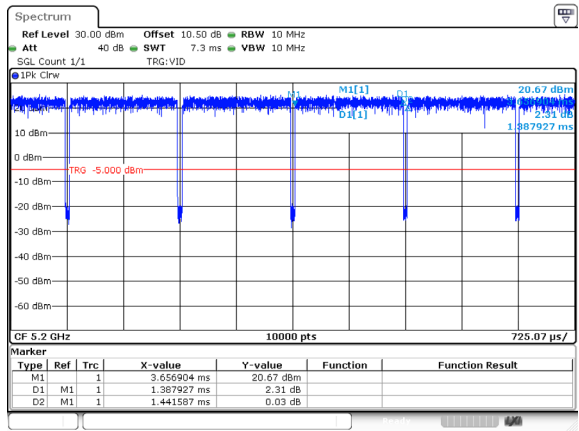
5250-5350MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11ac160_RU_FULL	5250	0.184	0.246	74.80	1.26	5435	10
802.11ax160_RU_FULL	5250	0.299	0.360	83.06	0.81	3344	5
802.11be160_RU_FULL	5250	0.352	0.405	86.91	0.61	2841	3

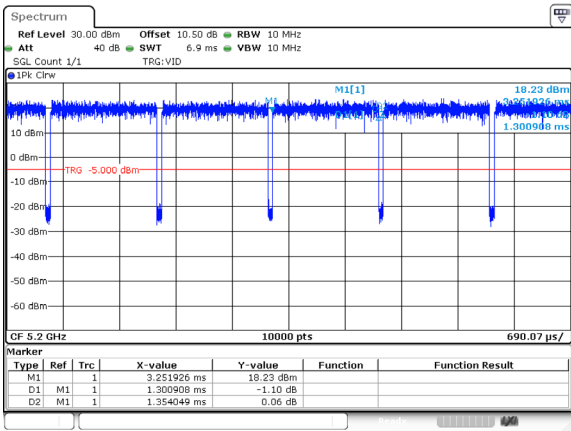
Duty Cycle = Ton/(Ton+Toff)*100%

5150-5250MHz

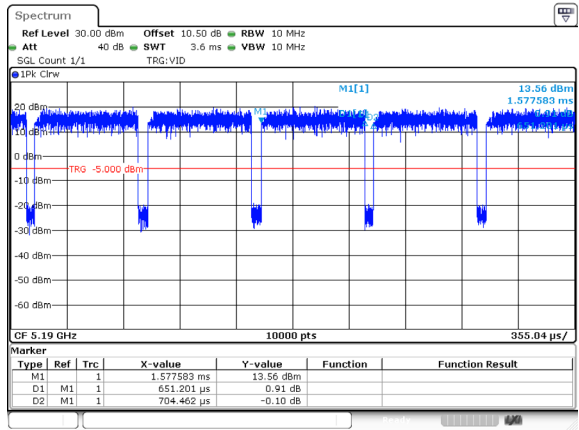
802.11a_5200MHz



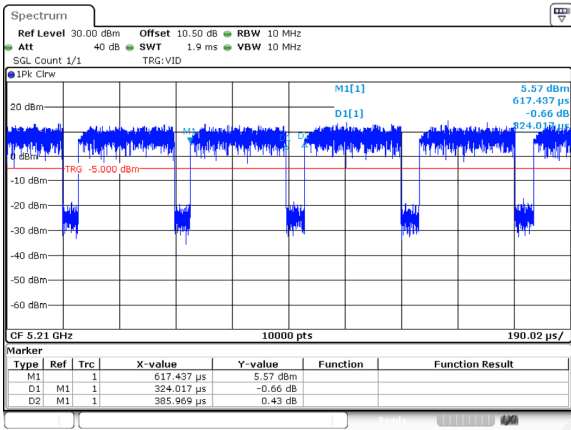
802.11ac20_5200MHz



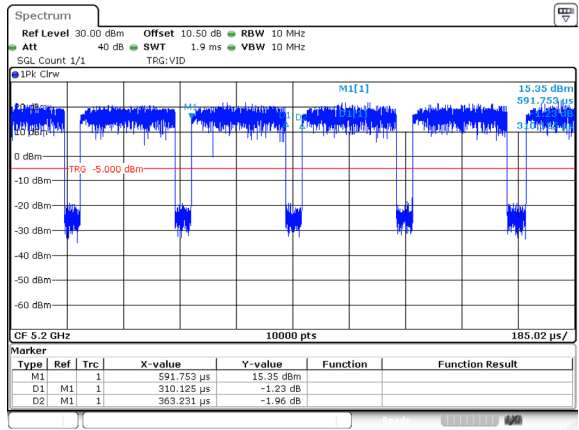
802.11ac40_5190MHz



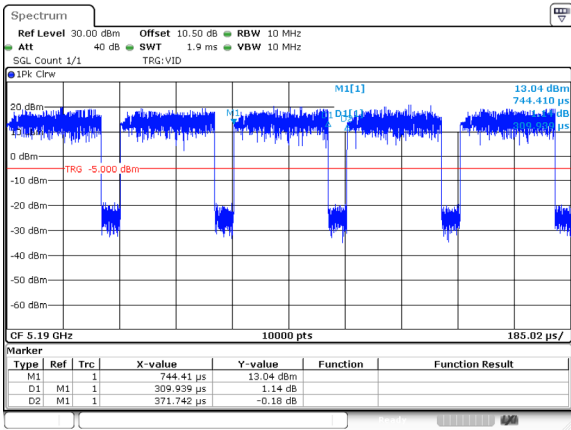
802.11ac80_5210MHz



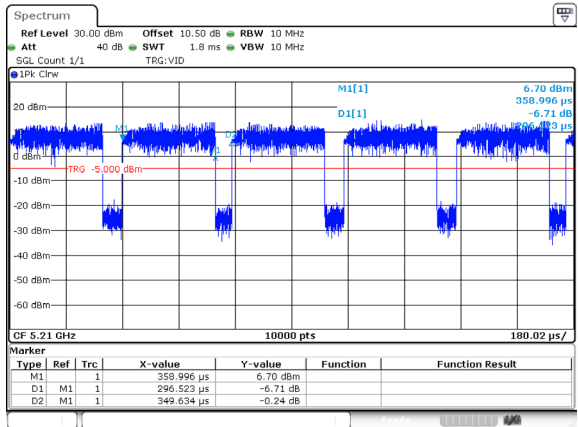
802.11ax20_5200MHz_RU_FULL



802.11ax40_5190MHz_RU_FULL

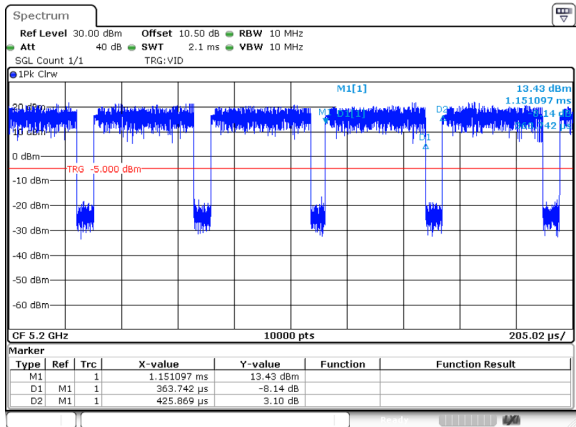


802.11ax80_5210MHz_RU_FULL



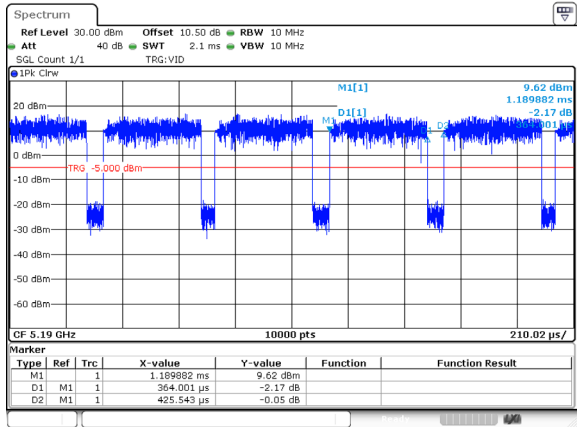
ProjectNo.:2601P12244E-RF Tester:Kungfumaater Liang
Date: 10.FEB.2026 23:10:16

802.11be20_5200MHz_RU_FULL



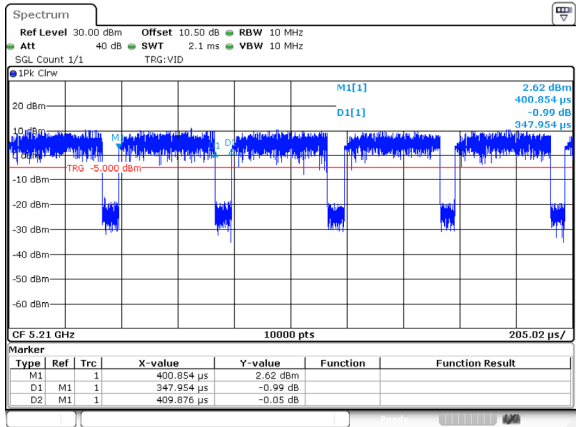
ProjectNo.:2601P12244E-RF Tester:Kungfumaater Liang
Date: 27.FEB.2026 21:52:53

802.11be40_5190MHz_RU_FULL



ProjectNo.:2601P12244E-RF Tester:Kungfumaater Liang
Date: 27.FEB.2026 21:54:17

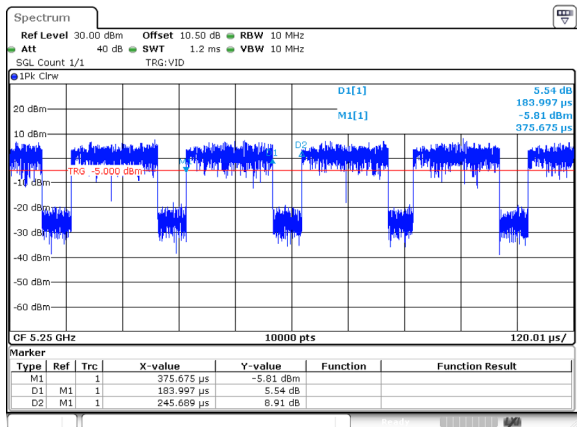
802.11be80_5210MHz_RU_FULL



ProjectNo.:2601P12244E-RF Tester:Kungfumaater Liang
Date: 27.FEB.2026 21:55:56

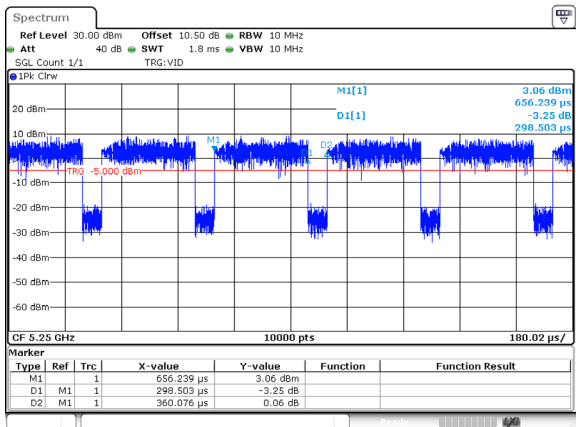
5250-5350MHz

802.11ac160_5250MHz_RU_FULL



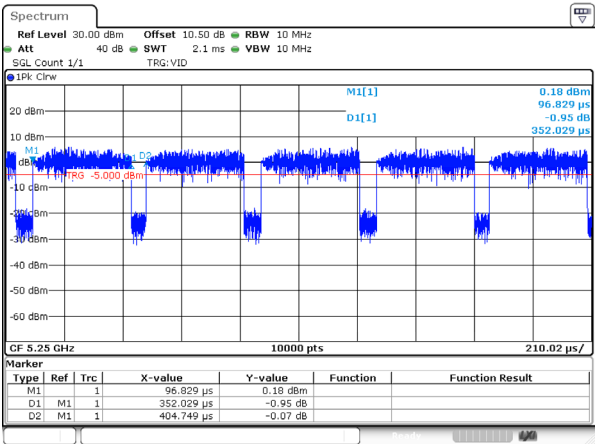
ProjectNo.:2601P12244E-RF Tester:Kungfumaater Liang
Date: 10.FEB.2026 23:20:50

802.11ax160_5250MHz_RU_FULL



ProjectNo.:2601P12244E-RF Tester:Kungfumaater Liang
Date: 10.FEB.2026 23:12:49

802.11be160_5250MHz_RU_FULL



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 27.FEB.2026 21:58:01

Frequency Stability

Test Information:

Sample No.:	3GAV-5	Test Date:	2026/03/24
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	24.5	Relative Humidity: (%)	51	ATM Pressure: (kPa)	101.3
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BAND1:5150-5250MHz

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5171.131	5150.0000	5248.671	5250.0000
	20	138	5171.238	5150.0000	5248.764	5250.0000
	50	138	5170.754	5150.0000	5248.664	5250.0000
	-20	120	5171.330	5150.0000	5248.703	5250.0000
	20	120	5171.078	5150.0000	5248.616	5250.0000
	50	120	5171.272	5150.0000	5248.372	5250.0000
	-20	102	5170.860	5150.0000	5248.579	5250.0000
	20	102	5171.311	5150.0000	5248.629	5250.0000
	50	102	5171.154	5150.0000	5248.724	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5170.697	5150.0000	5249.165	5250.0000
	20	138	5170.993	5150.0000	5249.424	5250.0000
	50	138	5170.529	5150.0000	5249.208	5250.0000
	-20	120	5170.816	5150.0000	5249.017	5250.0000
	20	120	5170.499	5150.0000	5249.397	5250.0000
	50	120	5170.537	5150.0000	5248.912	5250.0000
	-20	102	5170.669	5150.0000	5249.328	5250.0000
	20	102	5170.597	5150.0000	5249.130	5250.0000
	50	102	5170.734	5150.0000	5249.031	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5171.745	5150.0000	5248.236	5250.0000
	20	138	5171.877	5150.0000	5248.319	5250.0000
	50	138	5171.862	5150.0000	5248.306	5250.0000
	-20	120	5171.994	5150.0000	5248.299	5250.0000
	20	120	5171.644	5150.0000	5248.070	5250.0000
	50	120	5171.944	5150.0000	5248.147	5250.0000
	-20	102	5171.739	5150.0000	5248.090	5250.0000
	20	102	5171.656	5150.0000	5248.201	5250.0000
	50	102	5171.649	5150.0000	5248.065	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5171.966	5150.0000	5247.848	5250.0000
	20	138	5171.907	5150.0000	5247.882	5250.0000
	50	138	5171.856	5150.0000	5247.634	5250.0000
	-20	120	5171.812	5150.0000	5248.107	5250.0000
	20	120	5171.696	5150.0000	5247.945	5250.0000
	50	120	5171.735	5150.0000	5247.783	5250.0000
	-20	102	5172.218	5150.0000	5247.732	5250.0000
	20	102	5171.871	5150.0000	5247.579	5250.0000
	50	102	5171.733	5150.0000	5247.839	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5170.420	5150.0000	5249.521	5250.0000
	20	138	5170.341	5150.0000	5249.643	5250.0000
	50	138	5170.237	5150.0000	5249.434	5250.0000
	-20	120	5170.611	5150.0000	5249.287	5250.0000
	20	120	5170.151	5150.0000	5249.555	5250.0000
	50	120	5170.448	5150.0000	5249.527	5250.0000
	-20	102	5170.190	5150.0000	5249.654	5250.0000
	20	102	5170.476	5150.0000	5249.624	5250.0000
	50	102	5170.269	5150.0000	5249.535	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5171.072	5150.0000	5249.018	5250.0000
	20	138	5171.025	5150.0000	5248.957	5250.0000
	50	138	5170.896	5150.0000	5249.162	5250.0000
	-20	120	5170.944	5150.0000	5249.193	5250.0000
	20	120	5171.094	5150.0000	5248.833	5250.0000
	50	120	5171.106	5150.0000	5248.947	5250.0000
	-20	102	5171.363	5150.0000	5249.020	5250.0000
	20	102	5170.783	5150.0000	5248.869	5250.0000
	50	102	5170.931	5150.0000	5249.033	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5171.347	5150.0000	5248.575	5250.0000
	20	138	5171.436	5150.0000	5248.515	5250.0000
	50	138	5171.447	5150.0000	5248.268	5250.0000
	-20	120	5171.189	5150.0000	5248.600	5250.0000
	20	120	5171.048	5150.0000	5248.491	5250.0000
	50	120	5171.257	5150.0000	5248.529	5250.0000
	-20	102	5171.486	5150.0000	5248.347	5250.0000
	20	102	5171.294	5150.0000	5248.545	5250.0000
	50	102	5171.364	5150.0000	5248.542	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be20	-20	138	5170.410	5150.0000	5249.617	5250.0000
	20	138	5170.246	5150.0000	5249.657	5250.0000
	50	138	5170.190	5150.0000	5249.531	5250.0000
	-20	120	5170.533	5150.0000	5249.342	5250.0000
	20	120	5170.145	5150.0000	5249.597	5250.0000
	50	120	5170.389	5150.0000	5249.580	5250.0000
	-20	102	5170.130	5150.0000	5249.728	5250.0000
	20	102	5170.402	5150.0000	5249.642	5250.0000
	50	102	5170.223	5150.0000	5249.568	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature(°C)	Voltage(V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be40	-20	138	5171.001	5150.0000	5249.063	5250.0000
	20	138	5170.934	5150.0000	5248.991	5250.0000
	50	138	5170.798	5150.0000	5249.166	5250.0000
	-20	120	5170.940	5150.0000	5249.228	5250.0000
	20	120	5171.007	5150.0000	5248.922	5250.0000
	50	120	5171.038	5150.0000	5249.042	5250.0000
	-20	102	5171.289	5150.0000	5249.102	5250.0000
	20	102	5170.729	5150.0000	5248.950	5250.0000
	50	102	5170.895	5150.0000	5249.114	5250.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be80	-20	138	5171.345	5150.0000	5248.642	5250.0000
	20	138	5171.363	5150.0000	5248.536	5250.0000
	50	138	5171.373	5150.0000	5248.327	5250.0000
	-20	120	5171.133	5150.0000	5248.613	5250.0000
	20	120	5171.042	5150.0000	5248.587	5250.0000
	50	120	5171.202	5150.0000	5248.620	5250.0000
	-20	102	5171.479	5150.0000	5248.386	5250.0000
	20	102	5171.221	5150.0000	5248.585	5250.0000
	50	102	5171.272	5150.0000	5248.581	5250.0000

BAND2:5250-5350MHz

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac160	-20	138	5172.230	5150.0000	5328.181	5350.0000
	20	138	5172.310	5150.0000	5328.454	5350.0000
	50	138	5172.091	5150.0000	5327.997	5350.0000
	-20	120	5172.170	5150.0000	5328.106	5350.0000
	20	120	5172.113	5150.0000	5328.067	5350.0000
	50	120	5172.210	5150.0000	5328.150	5350.0000
	-20	102	5172.063	5150.0000	5328.301	5350.0000
	20	102	5172.265	5150.0000	5327.975	5350.0000
	50	102	5172.151	5150.0000	5328.125	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax160	-20	138	5171.564	5150.0000	5328.960	5350.0000
	20	138	5171.435	5150.0000	5329.090	5350.0000
	50	138	5171.452	5150.0000	5328.943	5350.0000
	-20	120	5171.427	5150.0000	5328.780	5350.0000
	20	120	5171.382	5150.0000	5328.635	5350.0000
	50	120	5171.509	5150.0000	5328.957	5350.0000
	-20	102	5171.563	5150.0000	5329.075	5350.0000
	20	102	5171.487	5150.0000	5329.121	5350.0000
	50	102	5171.291	5150.0000	5329.096	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be160	-20	138	5171.564	5150.0000	5328.960	5350.0000
	20	138	5171.435	5150.0000	5329.090	5350.0000
	50	138	5171.452	5150.0000	5328.943	5350.0000
	-20	120	5171.427	5150.0000	5328.780	5350.0000
	20	120	5171.382	5150.0000	5328.635	5350.0000
	50	120	5171.509	5150.0000	5328.957	5350.0000
	-20	102	5171.563	5150.0000	5329.075	5350.0000
	20	102	5171.487	5150.0000	5329.121	5350.0000
	50	102	5171.291	5150.0000	5329.096	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5251.383	5250.0000	5328.668	5350.0000
	20	138	5251.406	5250.0000	5328.840	5350.0000
	50	138	5251.279	5250.0000	5328.763	5350.0000
	-20	120	5251.376	5250.0000	5328.702	5350.0000
	20	120	5251.579	5250.0000	5328.609	5350.0000
	50	120	5251.344	5250.0000	5328.387	5350.0000
	-20	102	5251.588	5250.0000	5328.626	5350.0000
	20	102	5251.128	5250.0000	5328.419	5350.0000
	50	102	5251.465	5250.0000	5328.631	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5250.894	5250.0000	5329.078	5350.0000
	20	138	5251.014	5250.0000	5329.372	5350.0000
	50	138	5250.749	5250.0000	5328.927	5350.0000
	-20	120	5251.052	5250.0000	5328.851	5350.0000
	20	120	5250.886	5250.0000	5329.023	5350.0000
	50	120	5250.997	5250.0000	5329.041	5350.0000
	-20	102	5250.979	5250.0000	5329.079	5350.0000
	20	102	5250.953	5250.0000	5329.300	5350.0000
	50	102	5250.871	5250.0000	5329.257	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5251.707	5250.0000	5328.140	5350.0000
	20	138	5251.708	5250.0000	5328.171	5350.0000
	50	138	5251.507	5250.0000	5328.016	5350.0000
	-20	120	5251.786	5250.0000	5328.050	5350.0000
	20	120	5251.612	5250.0000	5328.215	5350.0000
	50	120	5251.438	5250.0000	5327.794	5350.0000
	-20	102	5251.890	5250.0000	5328.394	5350.0000
	20	102	5251.947	5250.0000	5328.096	5350.0000
	50	102	5251.863	5250.0000	5328.100	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5252.204	5250.0000	5327.841	5350.0000
	20	138	5252.376	5250.0000	5328.159	5350.0000
	50	138	5252.244	5250.0000	5327.625	5350.0000
	-20	120	5252.377	5250.0000	5327.678	5350.0000
	20	120	5251.952	5250.0000	5327.505	5350.0000
	50	120	5252.120	5250.0000	5327.723	5350.0000
	-20	102	5252.354	5250.0000	5327.838	5350.0000
	20	102	5252.009	5250.0000	5327.795	5350.0000
	50	102	5252.035	5250.0000	5327.743	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5250.407	5250.0000	5329.584	5350.0000
	20	138	5250.517	5250.0000	5329.460	5350.0000
	50	138	5250.218	5250.0000	5329.308	5350.0000
	-20	120	5250.329	5250.0000	5329.741	5350.0000
	20	120	5250.106	5250.0000	5329.346	5350.0000
	50	120	5250.294	5250.0000	5329.417	5350.0000
	-20	102	5250.339	5250.0000	5329.351	5350.0000
	20	102	5250.295	5250.0000	5329.491	5350.0000
	50	102	5250.649	5250.0000	5329.465	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5251.040	5250.0000	5329.047	5350.0000
	20	138	5251.290	5250.0000	5329.158	5350.0000
	50	138	5250.981	5250.0000	5328.704	5350.0000
	-20	120	5250.745	5250.0000	5329.137	5350.0000
	20	120	5251.122	5250.0000	5328.687	5350.0000
	50	120	5250.785	5250.0000	5328.947	5350.0000
	-20	102	5250.833	5250.0000	5329.026	5350.0000
	20	102	5250.984	5250.0000	5329.109	5350.0000
	50	102	5251.079	5250.0000	5328.976	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5251.437	5250.0000	5328.548	5350.0000
	20	138	5251.513	5250.0000	5328.830	5350.0000
	50	138	5251.160	5250.0000	5328.474	5350.0000
	-20	120	5251.394	5250.0000	5328.515	5350.0000
	20	120	5251.480	5250.0000	5328.318	5350.0000
	50	120	5251.489	5250.0000	5328.641	5350.0000
	-20	102	5251.286	5250.0000	5328.601	5350.0000
	20	102	5251.415	5250.0000	5328.633	5350.0000
	50	102	5251.300	5250.0000	5328.505	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be20	-20	138	5250.354	5250.0000	5329.606	5350.0000
	20	138	5250.448	5250.0000	5329.536	5350.0000
	50	138	5250.187	5250.0000	5329.403	5350.0000
	-20	120	5250.321	5250.0000	5329.750	5350.0000
	20	120	5250.074	5250.0000	5329.417	5350.0000
	50	120	5250.270	5250.0000	5329.449	5350.0000
	-20	102	5250.249	5250.0000	5329.435	5350.0000
	20	102	5250.213	5250.0000	5329.555	5350.0000
	50	102	5250.617	5250.0000	5329.548	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be40	-20	138	5250.959	5250.0000	5329.091	5350.0000
	20	138	5251.214	5250.0000	5329.169	5350.0000
	50	138	5250.886	5250.0000	5328.743	5350.0000
	-20	120	5250.703	5250.0000	5329.157	5350.0000
	20	120	5251.044	5250.0000	5328.759	5350.0000
	50	120	5250.749	5250.0000	5329.008	5350.0000
	-20	102	5250.775	5250.0000	5329.081	5350.0000
	20	102	5250.905	5250.0000	5329.124	5350.0000
	50	102	5251.038	5250.0000	5329.032	5350.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be80	-20	138	5251.421	5250.0000	5328.603	5350.0000
	20	138	5251.458	5250.0000	5328.886	5350.0000
	50	138	5251.101	5250.0000	5328.550	5350.0000
	-20	120	5251.394	5250.0000	5328.540	5350.0000
	20	120	5251.380	5250.0000	5328.372	5350.0000
	50	120	5251.462	5250.0000	5328.684	5350.0000
	-20	102	5251.196	5250.0000	5328.650	5350.0000
	20	102	5251.389	5250.0000	5328.667	5350.0000
	50	102	5251.259	5250.0000	5328.567	5350.0000

BAND3:5470-5725MHz

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5491.206	5470.0000	5708.675	5725.0000
	20	138	5491.384	5470.0000	5708.495	5725.0000
	50	138	5490.994	5470.0000	5708.454	5725.0000
	-20	120	5491.088	5470.0000	5708.523	5725.0000
	20	120	5491.202	5470.0000	5708.434	5725.0000
	50	120	5491.094	5470.0000	5708.641	5725.0000
	-20	102	5491.333	5470.0000	5708.823	5725.0000
	20	102	5491.102	5470.0000	5708.575	5725.0000
	50	102	5491.155	5470.0000	5708.552	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5490.911	5470.0000	5709.156	5725.0000
	20	138	5490.812	5470.0000	5709.010	5725.0000
	50	138	5490.738	5470.0000	5708.792	5725.0000
	-20	120	5490.799	5470.0000	5709.054	5725.0000
	20	120	5490.581	5470.0000	5709.093	5725.0000
	50	120	5490.848	5470.0000	5708.973	5725.0000
	-20	102	5490.830	5470.0000	5709.258	5725.0000
	20	102	5490.836	5470.0000	5709.043	5725.0000
	50	102	5490.847	5470.0000	5709.227	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5491.872	5470.0000	5688.246	5725.0000
	20	138	5491.965	5470.0000	5687.928	5725.0000
	50	138	5491.922	5470.0000	5688.304	5725.0000
	-20	120	5491.867	5470.0000	5688.380	5725.0000
	20	120	5491.814	5470.0000	5688.186	5725.0000
	50	120	5491.572	5470.0000	5688.410	5725.0000
	-20	102	5491.793	5470.0000	5688.394	5725.0000
	20	102	5491.818	5470.0000	5688.066	5725.0000
	50	102	5492.030	5470.0000	5688.343	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5492.059	5470.0000	5647.841	5725.0000
	20	138	5492.149	5470.0000	5647.837	5725.0000
	50	138	5492.184	5470.0000	5647.719	5725.0000
	-20	120	5491.875	5470.0000	5647.849	5725.0000
	20	120	5492.069	5470.0000	5647.751	5725.0000
	50	120	5491.929	5470.0000	5647.736	5725.0000
	-20	102	5491.910	5470.0000	5647.801	5725.0000
	20	102	5491.930	5470.0000	5647.750	5725.0000
	50	102	5491.837	5470.0000	5647.768	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5490.336	5470.0000	5709.436	5725.0000
	20	138	5490.449	5470.0000	5709.483	5725.0000
	50	138	5490.335	5470.0000	5709.355	5725.0000
	-20	120	5490.290	5470.0000	5709.477	5725.0000
	20	120	5490.370	5470.0000	5709.205	5725.0000
	50	120	5490.511	5470.0000	5709.355	5725.0000
	-20	102	5490.521	5470.0000	5709.309	5725.0000
	20	102	5490.460	5470.0000	5709.247	5725.0000
	50	102	5490.350	5470.0000	5709.170	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5491.057	5470.0000	5688.946	5725.0000
	20	138	5491.118	5470.0000	5689.196	5725.0000
	50	138	5491.271	5470.0000	5688.628	5725.0000
	-20	120	5490.969	5470.0000	5688.992	5725.0000
	20	120	5491.115	5470.0000	5688.637	5725.0000
	50	120	5491.196	5470.0000	5688.964	5725.0000
	-20	102	5491.097	5470.0000	5688.858	5725.0000
	20	102	5491.184	5470.0000	5688.837	5725.0000
	50	102	5491.085	5470.0000	5688.871	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5491.210	5470.0000	5647.914	5725.0000
	20	138	5491.535	5470.0000	5647.976	5725.0000
	50	138	5491.155	5470.0000	5647.561	5725.0000
	-20	120	5491.278	5470.0000	5647.944	5725.0000
	20	120	5490.934	5470.0000	5648.057	5725.0000
	50	120	5491.005	5470.0000	5648.031	5725.0000
	-20	102	5491.216	5470.0000	5647.969	5725.0000
	20	102	5491.101	5470.0000	5647.921	5725.0000
	50	102	5491.007	5470.0000	5648.041	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be20	-20	138	5490.258	5470.0000	5709.472	5725.0000
	20	138	5490.363	5470.0000	5709.561	5725.0000
	50	138	5490.322	5470.0000	5709.443	5725.0000
	-20	120	5490.245	5470.0000	5709.538	5725.0000
	20	120	5490.285	5470.0000	5709.207	5725.0000
	50	120	5490.461	5470.0000	5709.427	5725.0000
	-20	102	5490.499	5470.0000	5709.357	5725.0000
	20	102	5490.406	5470.0000	5709.341	5725.0000
	50	102	5490.323	5470.0000	5709.230	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be40	-20	138	5491.029	5470.0000	5689.016	5725.0000
	20	138	5491.110	5470.0000	5689.294	5725.0000
	50	138	5491.202	5470.0000	5688.706	5725.0000
	-20	120	5490.908	5470.0000	5689.075	5725.0000
	20	120	5491.075	5470.0000	5688.718	5725.0000
	50	120	5491.193	5470.0000	5689.011	5725.0000
	-20	102	5491.047	5470.0000	5688.892	5725.0000
	20	102	5491.156	5470.0000	5688.846	5725.0000
	50	102	5491.076	5470.0000	5688.875	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be80	-20	138	5491.129	5470.0000	5647.947	5725.0000
	20	138	5491.469	5470.0000	5648.031	5725.0000
	50	138	5491.075	5470.0000	5647.626	5725.0000
	-20	120	5491.267	5470.0000	5648.038	5725.0000
	20	120	5490.879	5470.0000	5648.116	5725.0000
	50	120	5490.917	5470.0000	5648.096	5725.0000
	-20	102	5491.124	5470.0000	5648.049	5725.0000
	20	102	5491.035	5470.0000	5647.950	5725.0000
	50	102	5490.950	5470.0000	5648.126	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac160	-20	138	5492.350	5470.0000	5649.818	5725.0000
	20	138	5492.420	5470.0000	5649.859	5725.0000
	50	138	5492.321	5470.0000	5649.821	5725.0000
	-20	120	5492.300	5470.0000	5649.735	5725.0000
	20	120	5492.303	5470.0000	5649.730	5725.0000
	50	120	5492.420	5470.0000	5649.881	5725.0000
	-20	102	5492.203	5470.0000	5649.801	5725.0000
	20	102	5492.445	5470.0000	5649.784	5725.0000
	50	102	5492.311	5470.0000	5649.830	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax160	-20	138	5492.282	5470.0000	5649.891	5725.0000
	20	138	5492.320	5470.0000	5649.808	5725.0000
	50	138	5492.256	5470.0000	5649.897	5725.0000
	-20	120	5492.214	5470.0000	5649.881	5725.0000
	20	120	5492.284	5470.0000	5649.880	5725.0000
	50	120	5492.387	5470.0000	5649.925	5725.0000
	-20	102	5492.152	5470.0000	5649.879	5725.0000
	20	102	5492.401	5470.0000	5649.894	5725.0000
	50	102	5492.268	5470.0000	5649.892	5725.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be160	-20	138	5492.261	5470.0000	5649.984	5725.0000
	20	138	5492.377	5470.0000	5649.953	5725.0000
	50	138	5492.220	5470.0000	5649.907	5725.0000
	-20	120	5492.157	5470.0000	5649.930	5725.0000
	20	120	5492.250	5470.0000	5649.929	5725.0000
	50	120	5492.323	5470.0000	5649.933	5725.0000
	-20	102	5492.097	5470.0000	5649.977	5725.0000
	20	102	5492.403	5470.0000	5649.980	5725.0000
	50	102	5492.173	5470.0000	5649.971	5725.0000

BAND4:5725-5850MHz

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5735.904	5725.0000	5833.755	5850.0000
	20	138	5735.859	5725.0000	5833.732	5850.0000
	50	138	5735.772	5725.0000	5833.513	5850.0000
	-20	120	5735.691	5725.0000	5833.836	5850.0000
	20	120	5736.017	5725.0000	5833.535	5850.0000
	50	120	5735.999	5725.0000	5833.737	5850.0000
	-20	102	5735.862	5725.0000	5833.870	5850.0000
	20	102	5735.751	5725.0000	5833.628	5850.0000
	50	102	5735.982	5725.0000	5833.862	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5735.561	5725.0000	5834.334	5850.0000
	20	138	5735.647	5725.0000	5834.412	5850.0000
	50	138	5735.767	5725.0000	5834.137	5850.0000
	-20	120	5735.592	5725.0000	5834.269	5850.0000
	20	120	5735.356	5725.0000	5834.173	5850.0000
	50	120	5735.423	5725.0000	5834.523	5850.0000
	-20	102	5735.630	5725.0000	5834.408	5850.0000
	20	102	5735.789	5725.0000	5834.279	5850.0000
	50	102	5735.430	5725.0000	5834.272	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5736.292	5725.0000	5813.605	5850.0000
	20	138	5736.209	5725.0000	5813.713	5850.0000
	50	138	5736.076	5725.0000	5813.304	5850.0000
	-20	120	5736.396	5725.0000	5813.809	5850.0000
	20	120	5736.297	5725.0000	5813.470	5850.0000
	50	120	5736.273	5725.0000	5813.580	5850.0000
	-20	102	5736.258	5725.0000	5813.465	5850.0000
	20	102	5736.022	5725.0000	5813.768	5850.0000
	50	102	5736.277	5725.0000	5813.510	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5737.112	5725.0000	5813.142	5850.0000
	20	138	5736.932	5725.0000	5813.270	5850.0000
	50	138	5737.016	5725.0000	5813.229	5850.0000
	-20	120	5737.323	5725.0000	5812.997	5850.0000
	20	120	5737.335	5725.0000	5812.824	5850.0000
	50	120	5737.160	5725.0000	5812.908	5850.0000
	-20	102	5737.183	5725.0000	5813.105	5850.0000
	20	102	5736.840	5725.0000	5812.917	5850.0000
	50	102	5737.239	5725.0000	5813.210	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5735.274	5725.0000	5834.545	5850.0000
	20	138	5735.207	5725.0000	5834.628	5850.0000
	50	138	5735.373	5725.0000	5834.489	5850.0000
	-20	120	5735.330	5725.0000	5834.554	5850.0000
	20	120	5735.281	5725.0000	5834.515	5850.0000
	50	120	5735.231	5725.0000	5834.543	5850.0000
	-20	102	5735.346	5725.0000	5834.514	5850.0000
	20	102	5735.151	5725.0000	5834.462	5850.0000
	50	102	5735.022	5725.0000	5834.554	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5735.811	5725.0000	5814.179	5850.0000
	20	138	5735.660	5725.0000	5814.249	5850.0000
	50	138	5735.518	5725.0000	5814.117	5850.0000
	-20	120	5735.772	5725.0000	5814.168	5850.0000
	20	120	5735.949	5725.0000	5814.040	5850.0000
	50	120	5735.771	5725.0000	5814.071	5850.0000
	-20	102	5735.801	5725.0000	5813.927	5850.0000
	20	102	5735.737	5725.0000	5814.027	5850.0000
	50	102	5735.867	5725.0000	5814.104	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5736.324	5725.0000	5813.906	5850.0000
	20	138	5736.484	5725.0000	5813.952	5850.0000
	50	138	5736.242	5725.0000	5813.809	5850.0000
	-20	120	5736.340	5725.0000	5813.648	5850.0000
	20	120	5736.267	5725.0000	5813.919	5850.0000
	50	120	5736.492	5725.0000	5813.855	5850.0000
	-20	102	5736.442	5725.0000	5813.682	5850.0000
	20	102	5736.284	5725.0000	5813.812	5850.0000
	50	102	5736.402	5725.0000	5813.944	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be20	-20	138	5735.274	5725.0000	5834.545	5850.0000
	20	138	5735.207	5725.0000	5834.628	5850.0000
	50	138	5735.373	5725.0000	5834.489	5850.0000
	-20	120	5735.330	5725.0000	5834.554	5850.0000
	20	120	5735.281	5725.0000	5834.515	5850.0000
	50	120	5735.231	5725.0000	5834.543	5850.0000
	-20	102	5735.346	5725.0000	5834.514	5850.0000
	20	102	5735.151	5725.0000	5834.462	5850.0000
	50	102	5735.022	5725.0000	5834.554	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be40	-20	138	5735.811	5725.0000	5814.179	5850.0000
	20	138	5735.660	5725.0000	5814.249	5850.0000
	50	138	5735.518	5725.0000	5814.117	5850.0000
	-20	120	5735.772	5725.0000	5814.168	5850.0000
	20	120	5735.949	5725.0000	5814.040	5850.0000
	50	120	5735.771	5725.0000	5814.071	5850.0000
	-20	102	5735.801	5725.0000	5813.927	5850.0000
	20	102	5735.737	5725.0000	5814.027	5850.0000
	50	102	5735.867	5725.0000	5814.104	5850.0000

Test Channel: Lowest for Lower Edge,Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11be80	-20	138	5736.324	5725.0000	5813.906	5850.0000
	20	138	5736.484	5725.0000	5813.952	5850.0000
	50	138	5736.242	5725.0000	5813.809	5850.0000
	-20	120	5736.340	5725.0000	5813.648	5850.0000
	20	120	5736.267	5725.0000	5813.919	5850.0000
	50	120	5736.492	5725.0000	5813.855	5850.0000
	-20	102	5736.442	5725.0000	5813.682	5850.0000
	20	102	5736.284	5725.0000	5813.812	5850.0000
	50	102	5736.402	5725.0000	5813.944	5850.0000

RF EXPOSURE EVALUATION

MPE-Based Exemption

Applicable Standard

According to subpart 15.247(i) and subpart §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minutes)
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f ²)	30
30–300	27.5	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

Result

Calculation formula:

Prediction of power density at the distance of the applicable MPE limit

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

Calculated Data:

For worst case:

Mode	Frequency (MHz)	Antenna Gain [#]		Max Tune-up Power [#]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
2.4G Wi-Fi	2412-2462	6.77	4.75	28.5	707.95	30	0.2975	1.0
5G Wi-Fi	5150-5250	10.46	11.12	23	199.53	30	0.1963	1.0
	5250-5350	10.46	11.12	22	158.49	30	0.1559	1.0
	5470-5725	10.46	11.12	20	100.00	30	0.0984	1.0
	5725-5850	10.46	11.12	25.5	354.81	30	0.3490	1.0
	5850-5895	10.46	11.12	24	251.19	30	0.2471	1.0

Note:

- 1) The tune up conducted power and antenna gain was declared by the applicant.
- 2) The antenna gain should be the directional gain.
- 3) The 2.4G Wi-Fi and 5G Wi-Fi can simultaneous transmitting.

Simultaneous transmitting consideration (worst case):

The ratio= $\text{MPE}_{2.4\text{G Wi-Fi}}/\text{limit} + \text{MPE}_{5\text{G Wi-Fi}}/\text{limit} = 0.2975/1.0 + 0.3490/1.0 = 0.647 < 1.0$,
so simultaneous exposure is compliant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 30cm from nearby persons.

Result: Compliant

EXPOSURE LIMITS

Applicable Standard

According to RSS-102 Issue 6 §5.3.2:

Table 7: RF field strength and power density limits for devices used by the general public (uncontrolled environment)

Frequency range (MHz)	Electric field (V _{RMS} /m)	Magnetic field (A _{RMS} /m)	Power density (W/m ²)	Reference period (minutes)
10-20	27.46	0.0728	2	6
20-48	$58.07 / f^{0.25}$	$0.1540 / f^{0.25}$	$8.944 / f^{0.5}$	6
48-300	22.06	0.05852	1.291	6
300-6000	$3.142 f^{0.3417}$	$0.008335 f^{0.3417}$	$0.02619 f^{0.6834}$	6
6000-15000	61.4	0.163	10	6
15000-150000	61.4	0.163	10	$616000 / f^{1.2}$
150000-300000	$0.158 f^{0.5}$	$4.21 \times 10^{-4} f^{0.5}$	$6.67 \times 10^{-5} f$	$616000 / f^{1.2}$

Note: f is frequency in MHz.

Calculated Formulary:

Predication of MPE limit at a given distance

$$S = \frac{PG}{4\pi R^2}$$

S = power density (in appropriate units, e.g. W/m²)

P = power input to the antenna (in appropriate units, e.g., W).

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain.

R = distance to the center of radiation of the antenna (appropriate units, e.g., m)

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

Mode	Frequency (MHz)	Antenna Gain [#]		Tune up output power [#]		Evaluation Distance	Power Density	MPE Limit
		(dBi)	(numeric)	(dBm)	(W)			
2.4G Wi-Fi	2412-2462	6.77	4.75	28.5	0.708	0.3	2.975	5.37
5G Wi-Fi	5150-5250	10.46	11.12	15	0.032	0.3	0.315	9.01
	5250-5350	10.46	11.12	17	0.05	0.3	0.492	9.13
	5470-5725	10.46	11.12	20	0.1	0.3	0.984	9.39
	5725-5850	10.46	11.12	25.5	0.355	0.3	3.492	9.69
	5850-5895	10.46	11.12	25	0.316	0.3	3.109	9.83

Note:

- 1) The tune up conducted power and antenna gain was declared by the applicant.
- 2) The antenna gain should be the directional gain.
- 3) The 2.4G Wi-Fi and 5G Wi-Fi can simultaneous transmitting.

Simultaneous transmitting consideration (worst case):

The ratio= $\text{MPE}_{2.4\text{G Wi-Fi}}/\text{limit} + \text{MPE}_{5\text{G Wi-Fi}}/\text{limit} = 2.975/5.37 + 3.492/9.69 = 0.914 < 1.0$,
so simultaneous exposure is compliant.

Result: Compliant

Note: To maintain compliance with the RF exposure guidelines, place the equipment at least 30cm from nearby persons.

EUT PHOTOGRAPHS

Please refer to the attachment 2601P12244E-RF-EXP External photo and 2601P12244E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601P12244E-RFB-TSP Test Setup photo.

******* END OF REPORT *******