
Appendix A. Test Result of AC Power Line Conducted Emission

As the EUT is battery-powered, this test item was not performed.

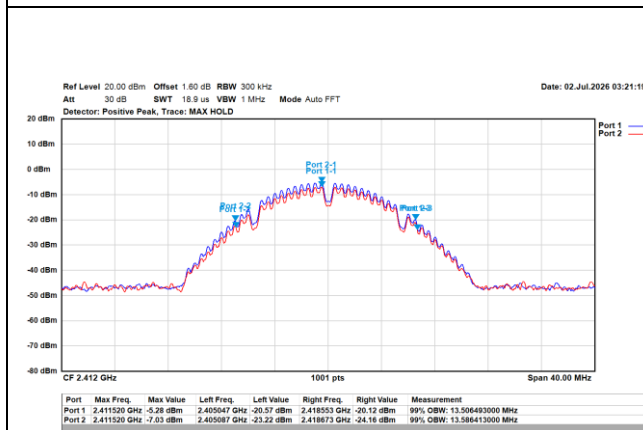
Appendix B. Test Result of Occupied Bandwidth & DTS Bandwidth

WiFi 1 + WiFi 2 Antenna

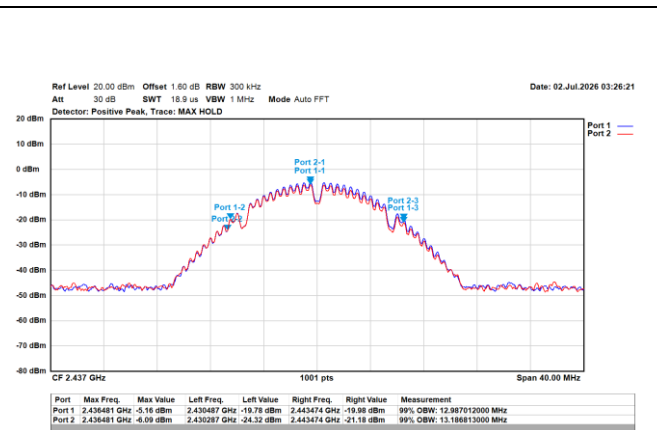
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)		DTS Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% Occupied Bandwidth	DTS Bandwidth
802.11b (20MHz)	2412	13.51	13.59	8.08	8.52	-	≥ 0.5
	2437	12.99	13.19	8.08	8.08	-	≥ 0.5
	2462	13.35	13.07	8.08	7.56	-	≥ 0.5
802.11g (20MHz)	2412	16.18	16.26	13.88	15.12	-	≥ 0.5
	2437	16.38	16.30	15.32	15.08	-	≥ 0.5
	2462	16.46	16.42	15.36	16.32	-	≥ 0.5
802.11ac (20MHz)	2412	17.42	17.46	15.48	15.72	-	≥ 0.5
	2437	17.58	17.50	16.32	16.92	-	≥ 0.5
	2462	17.62	17.62	16.32	17.56	-	≥ 0.5
802.11ac (40MHz)	2422	36.04	36.28	21.68	33.84	-	≥ 0.5
	2437	36.28	35.88	36.32	35.04	-	≥ 0.5
	2452	35.80	36.04	22.80	35.04	-	≥ 0.5
802.11ax (20MHz)	2412	19.02	19.18	19.12	19.12	-	≥ 0.5
	2437	19.18	19.18	19.12	19.12	-	≥ 0.5
	2462	19.14	19.18	19.08	19.12	-	≥ 0.5
802.11ax (40MHz)	2422	38.28	38.52	38.24	38.24	-	≥ 0.5
	2437	38.36	38.28	38.24	38.24	-	≥ 0.5
	2452	38.28	38.36	38.24	38.24	-	≥ 0.5

For 99% Occupied Bandwidth:

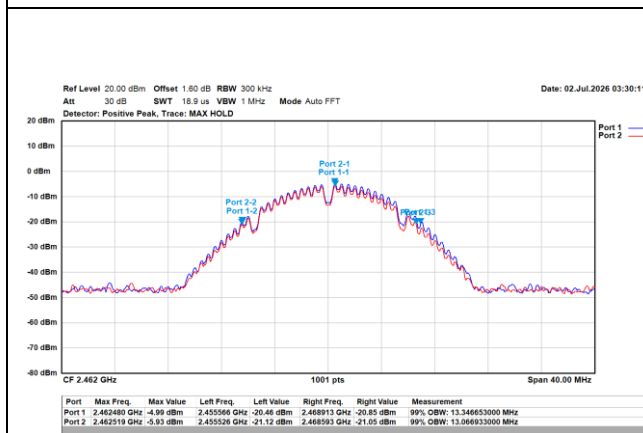
802.11b/20MHz/1M/2412MHz/Ch1



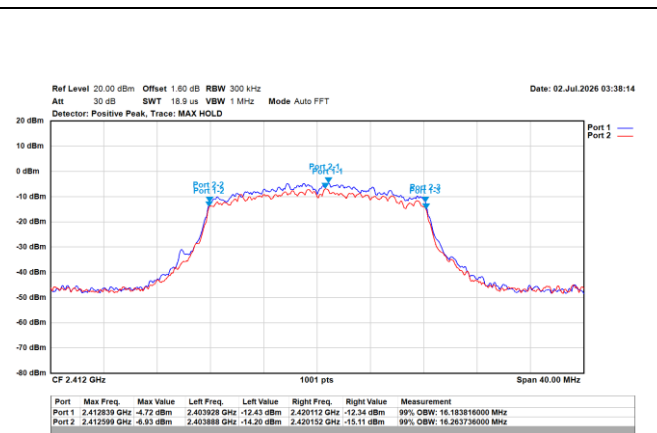
802.11b/20MHz/1M/2437MHz/Ch6



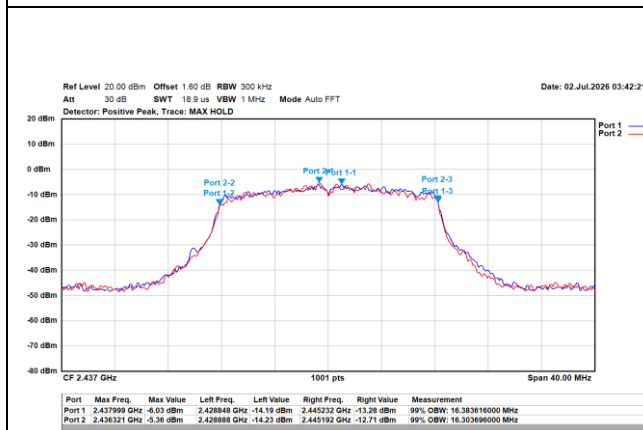
802.11b/20MHz/1M/2462MHz/Ch11



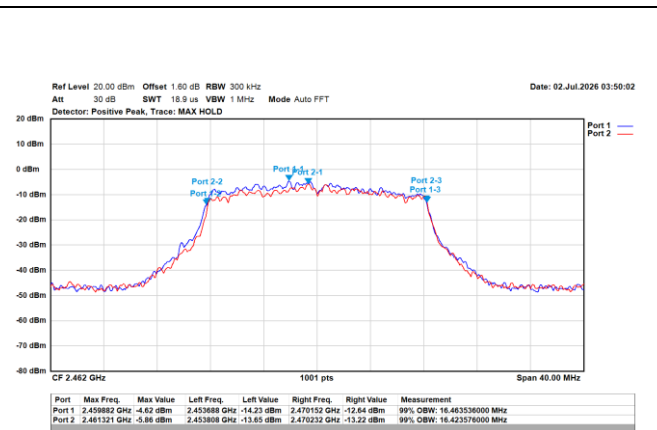
802.11g/20MHz/6M/2412MHz/Ch1



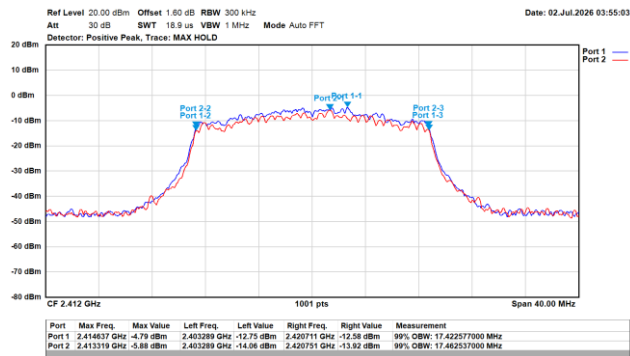
802.11g/20MHz/6M/2437MHz/Ch6



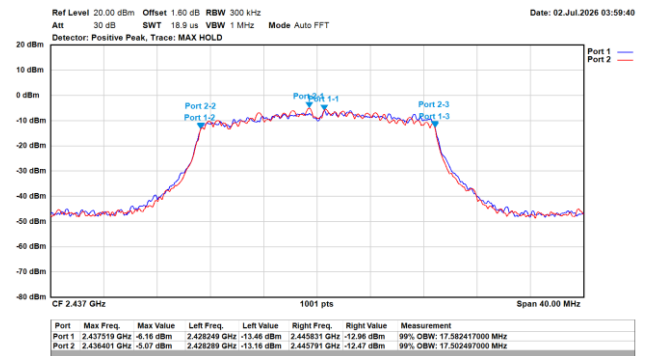
802.11g/20MHz/6M/2462MHz/Ch11



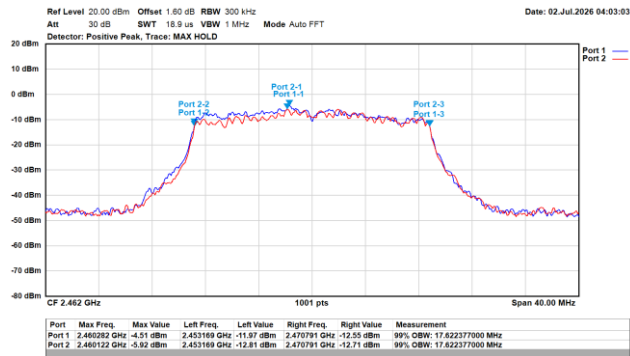
802.11ac/20MHz/MCS0/2412MHz/Ch1



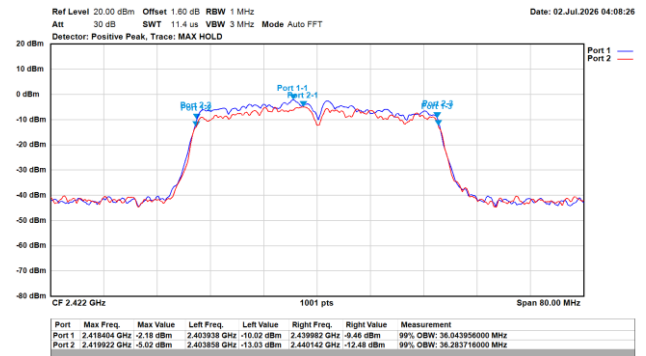
802.11ac/20MHz/MCS0/2437MHz/Ch6



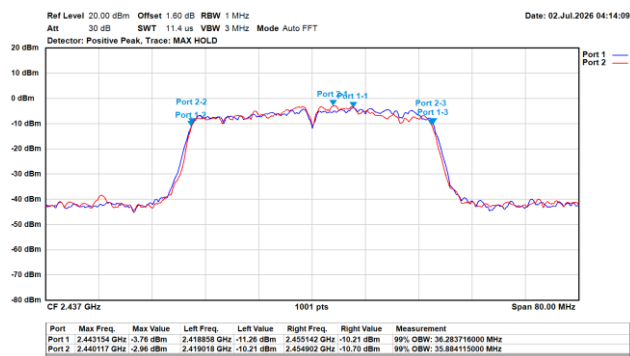
802.11ac/20MHz/MCS0/2462MHz/Ch11



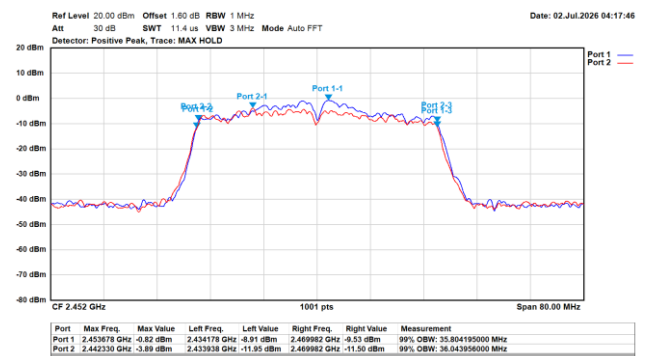
802.11ac/40MHz/MCS0/2422MHz/Ch3



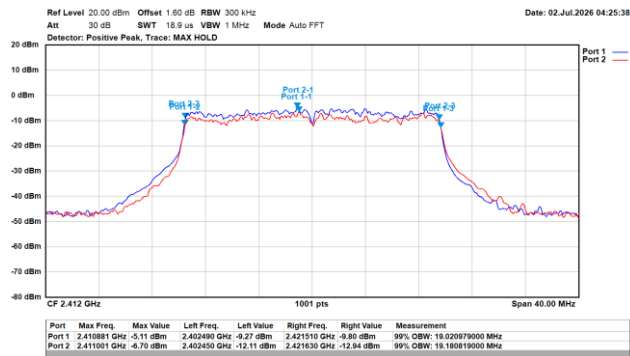
802.11ac/40MHz/MCS0/2437MHz/Ch6



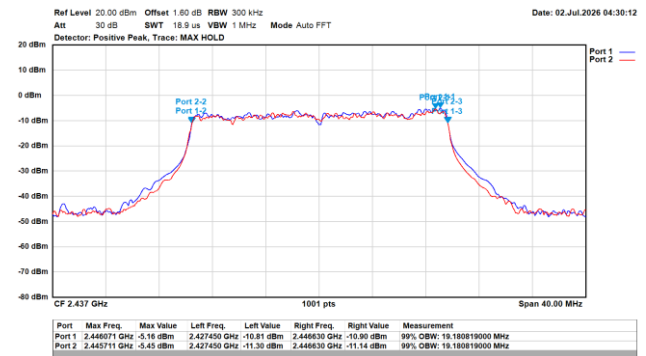
802.11ac/40MHz/MCS0/2452MHz/Ch9



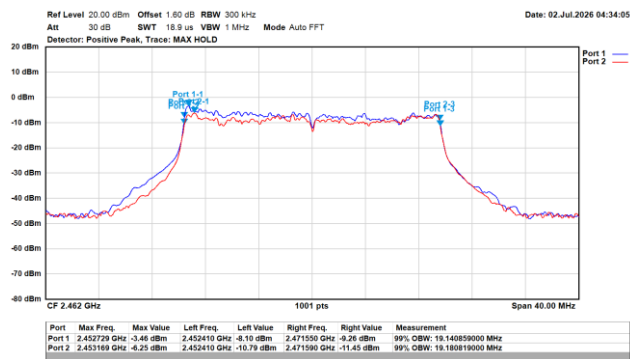
802.11ax/20MHz/MCS0/2412MHz/Ch1



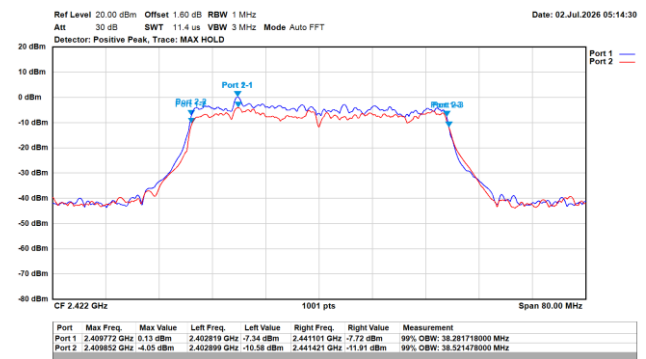
802.11ax/20MHz/MCS0/2437MHz/Ch6



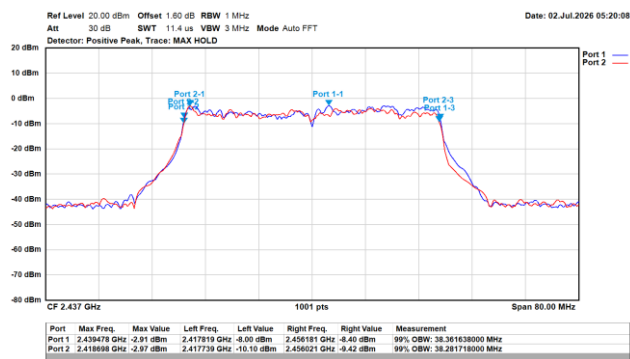
802.11ax/20MHz/MCS0/2462MHz/Ch11



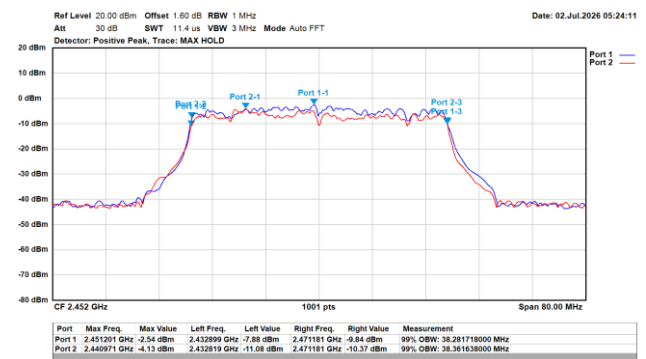
802.11ax/40MHz/MCS0/2422MHz/Ch3

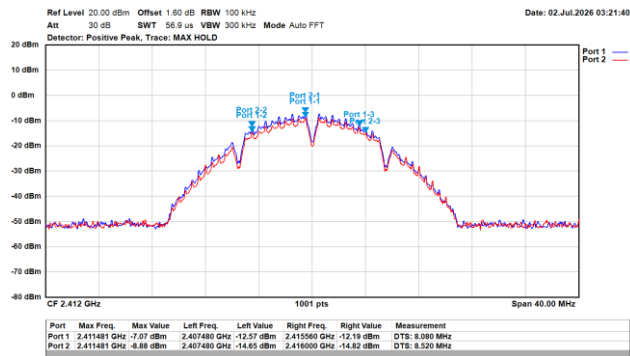
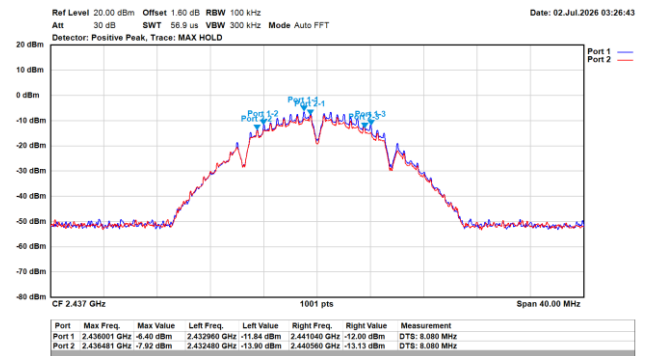
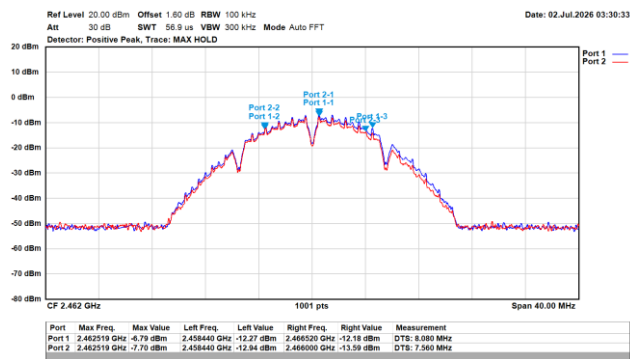
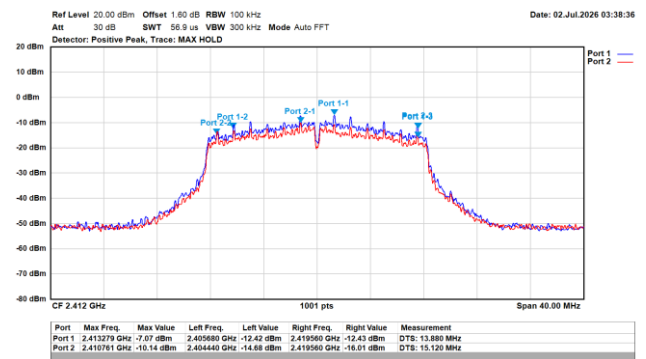
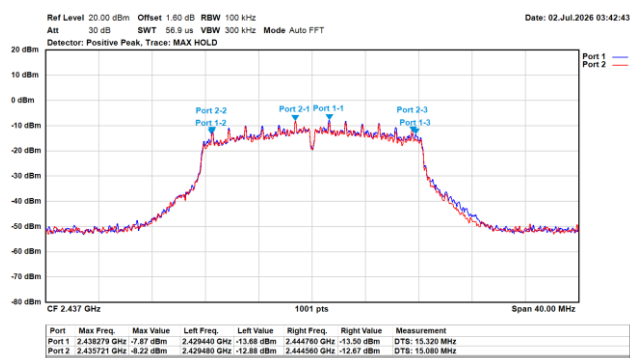
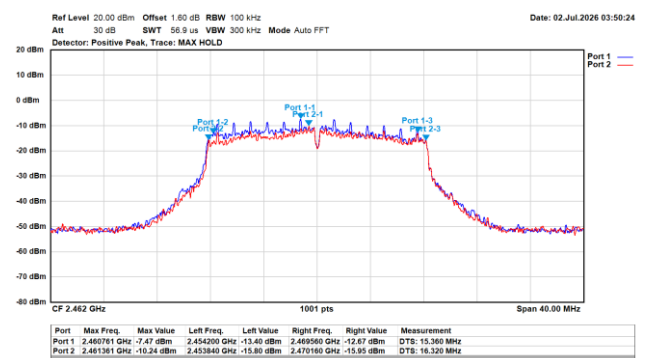


802.11ax/40MHz/MCS0/2437MHz/Ch6

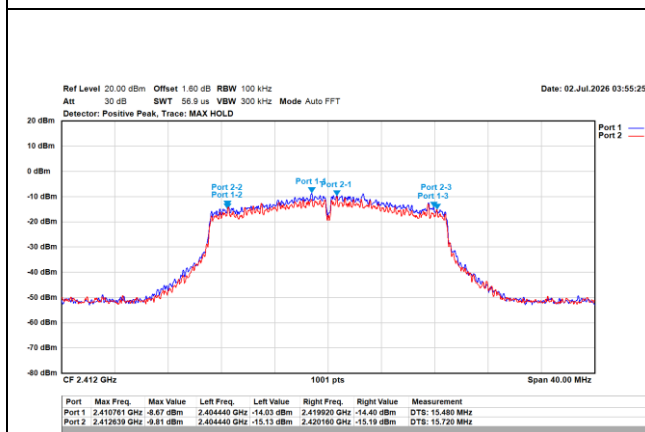


802.11ax/40MHz/MCS0/2452MHz/Ch9

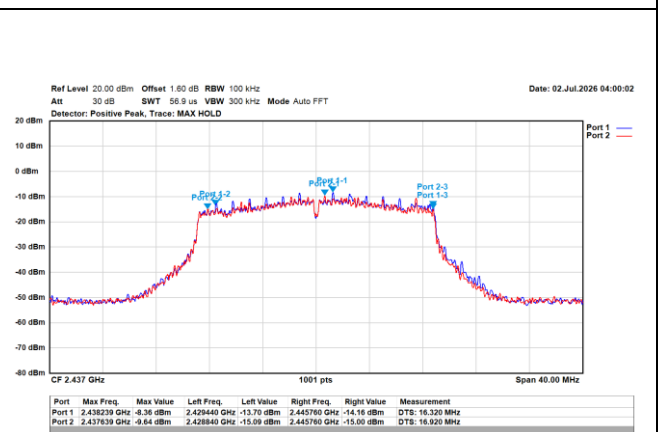


For DTS Bandwidth:**802.11b/20MHz/1M/2412MHz/Ch1****802.11b/20MHz/1M/2437MHz/Ch6****802.11b/20MHz/1M/2462MHz/Ch11****802.11g/20MHz/6M/2412MHz/Ch1****802.11g/20MHz/6M/2437MHz/Ch6****802.11g/20MHz/6M/2462MHz/Ch11**

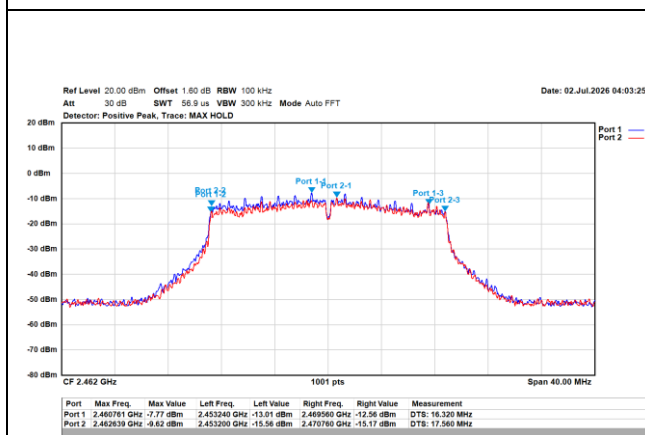
802.11ac/20MHz/MCS0/2412MHz/Ch1



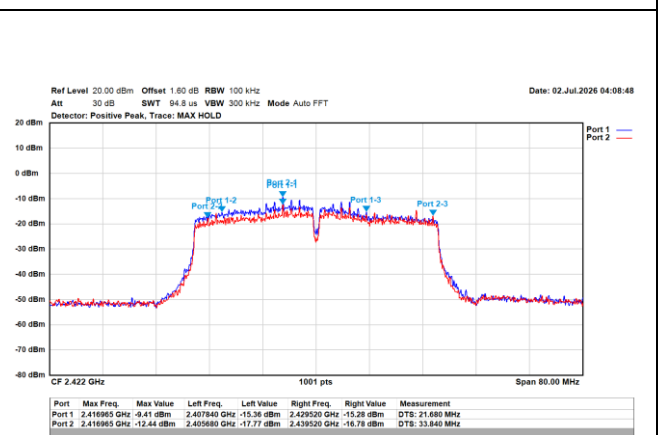
802.11ac/20MHz/MCS0/2437MHz/Ch6



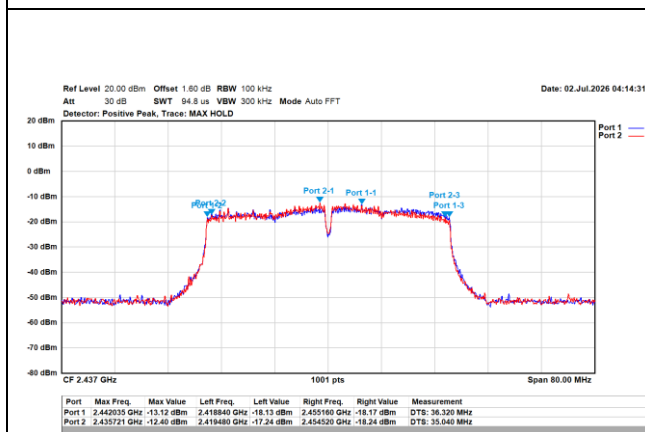
802.11ac/20MHz/MCS0/2462MHz/Ch11



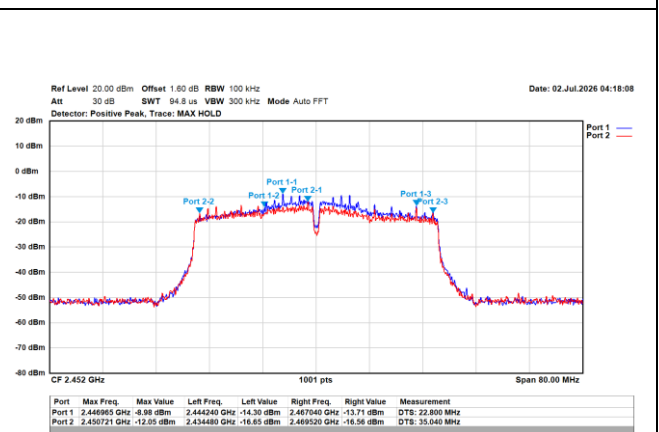
802.11ac/40MHz/MCS0/2422MHz/Ch3



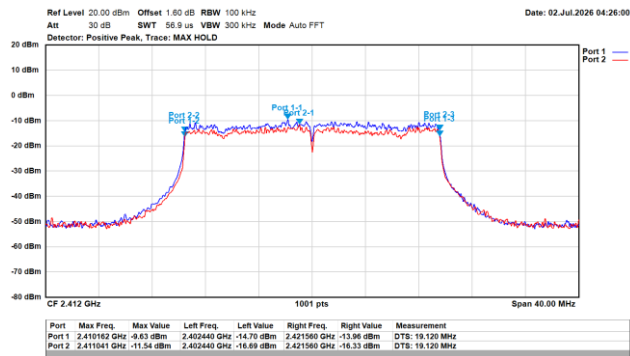
802.11ac/40MHz/MCS0/2437MHz/Ch6



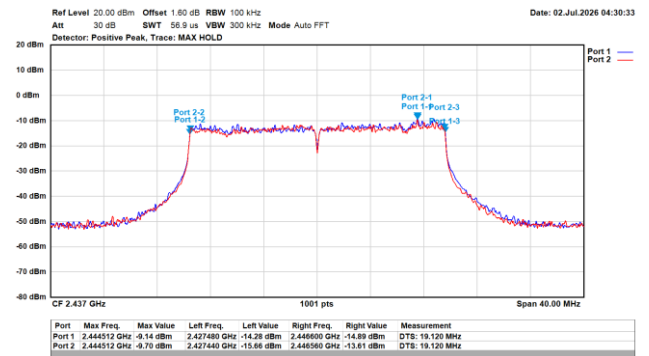
802.11ac/40MHz/MCS0/2452MHz/Ch9



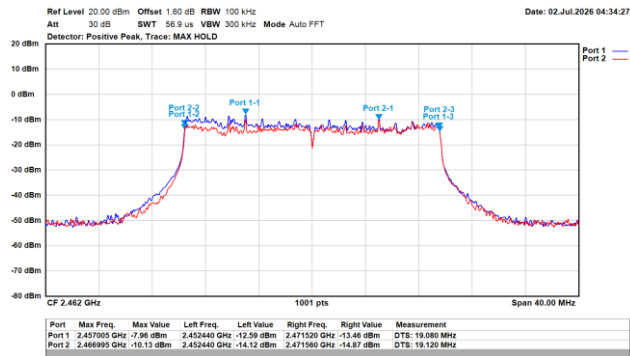
802.11ax/20MHz/MCS0/2412MHz/Ch1



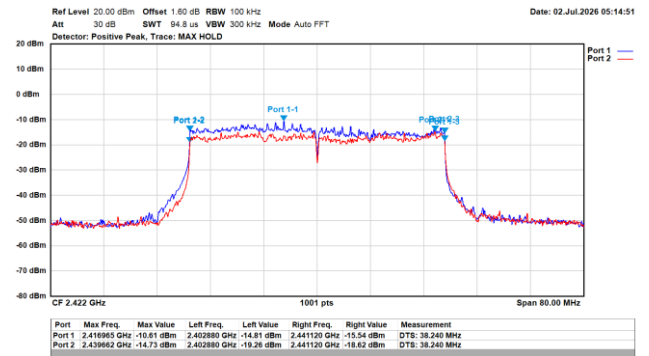
802.11ax/20MHz/MCS0/2437MHz/Ch6



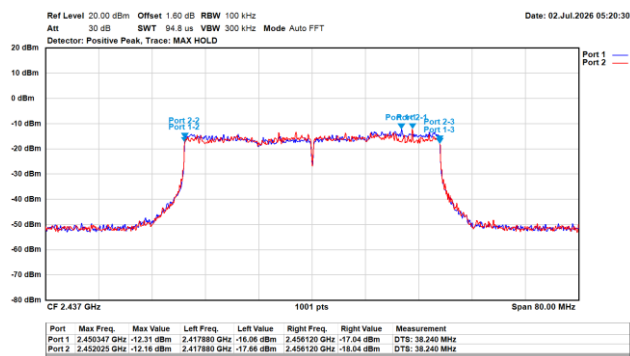
802.11ax/20MHz/MCS0/2462MHz/Ch11



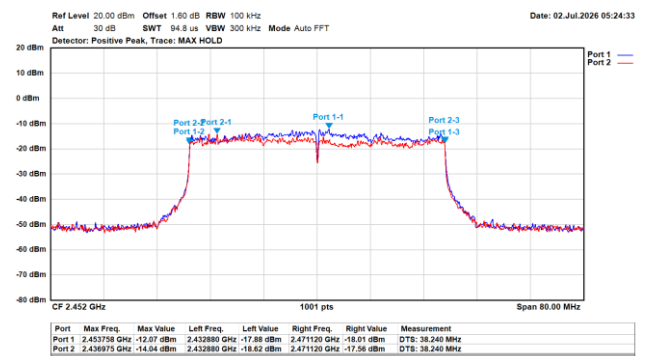
802.11ax/40MHz/MCS0/2422MHz/Ch3



802.11ax/40MHz/MCS0/2437MHz/Ch6



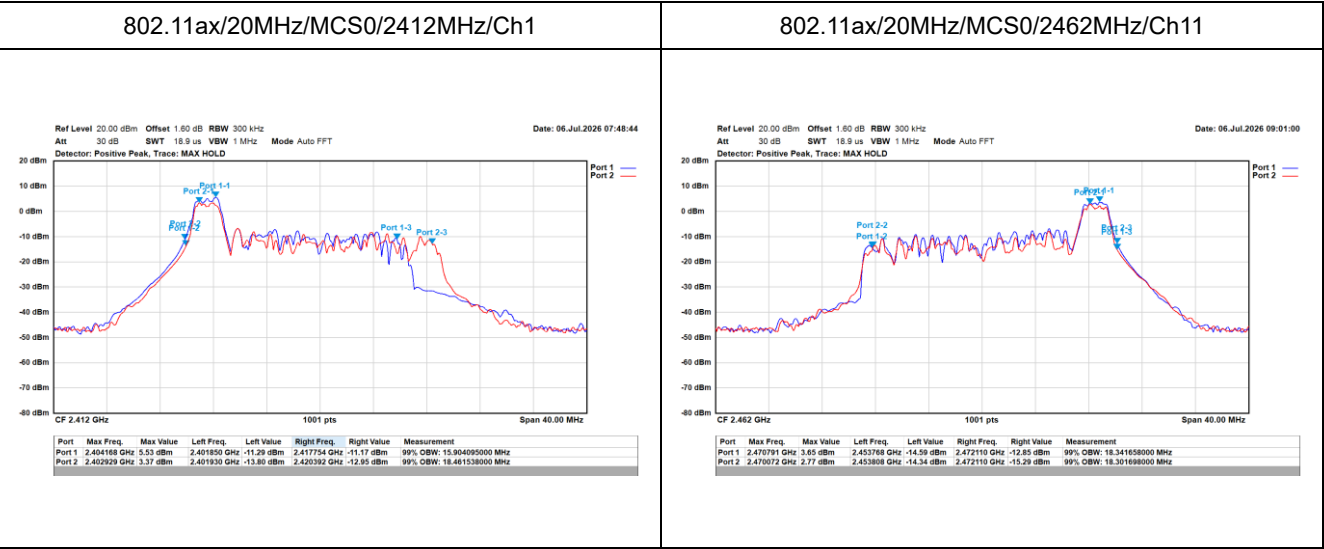
802.11ax/40MHz/MCS0/2452MHz/Ch9



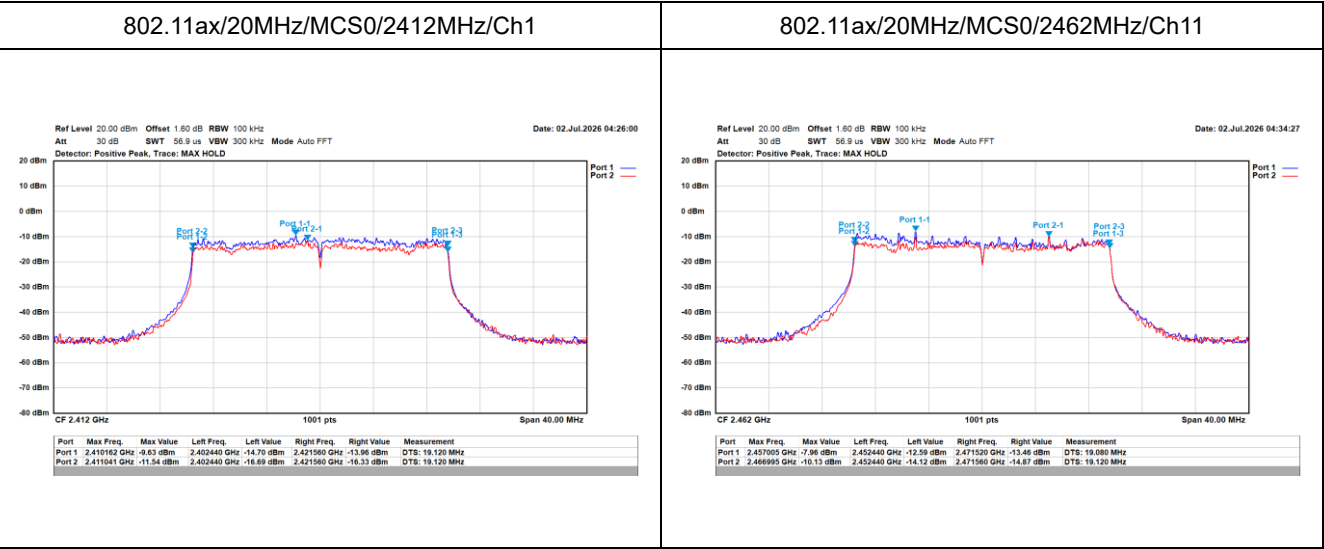
26-tone RU

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)		DTS Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% Occupied Bandwidth	DTS Bandwidth
802.11ax (20MHz)	2412	15.90	18.46	19.12	19.12	-	≥ 0.5
	2462	18.34	18.30	19.08	19.12	-	≥ 0.5

For 99% Occupied Bandwidth:



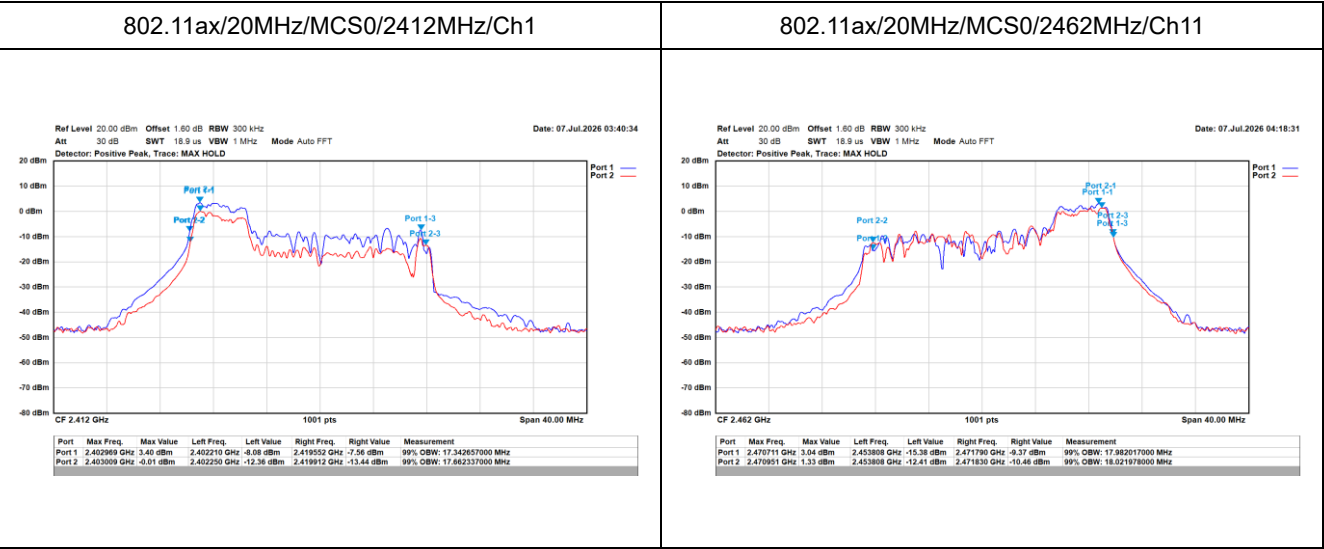
For DTS Bandwidth:



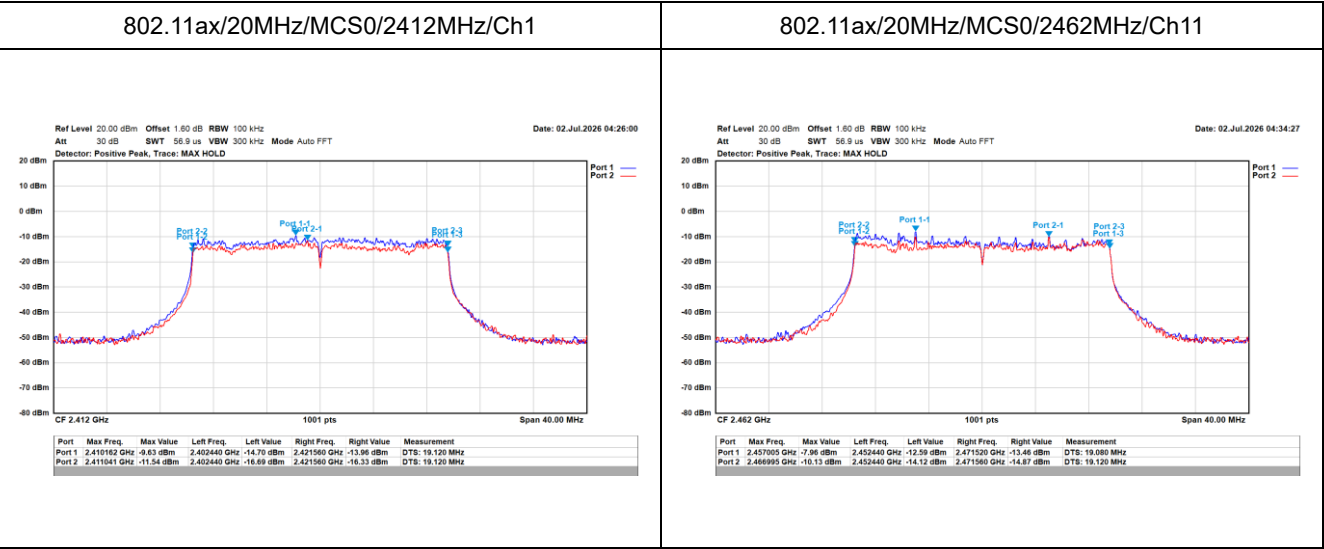
52-tone RU

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)		DTS Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% Occupied Bandwidth	DTS Bandwidth
802.11ax (20MHz)	2412	17.34	17.66	19.12	19.12	-	≥ 0.5
	2462	17.98	18.02	19.08	19.12	-	≥ 0.5

For 99% Occupied Bandwidth:



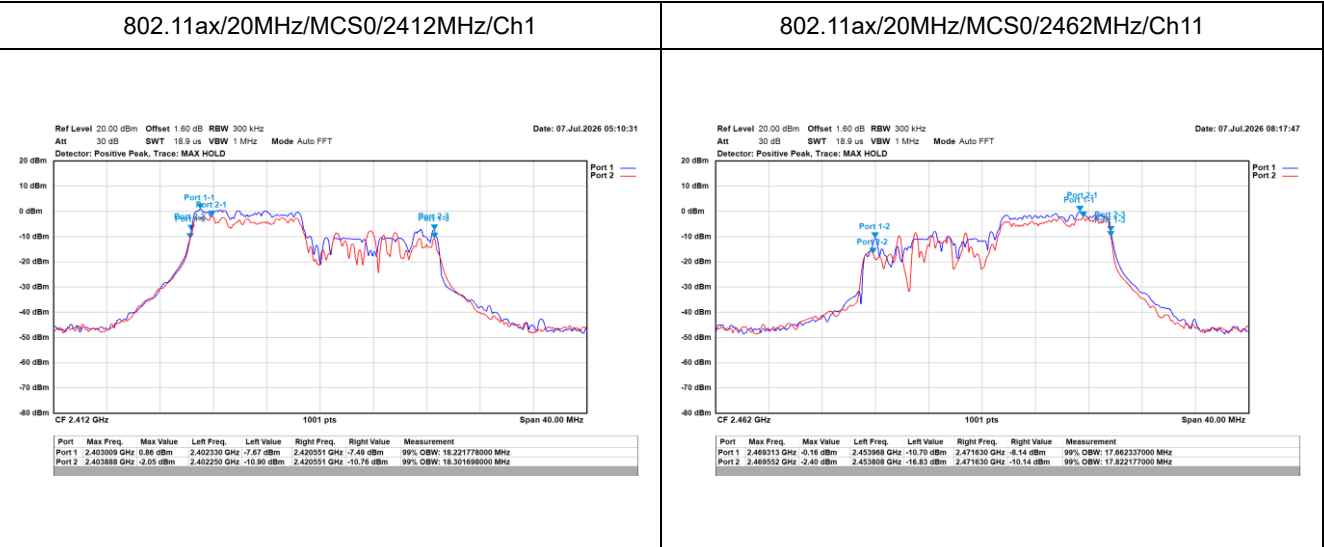
For DTS Bandwidth:



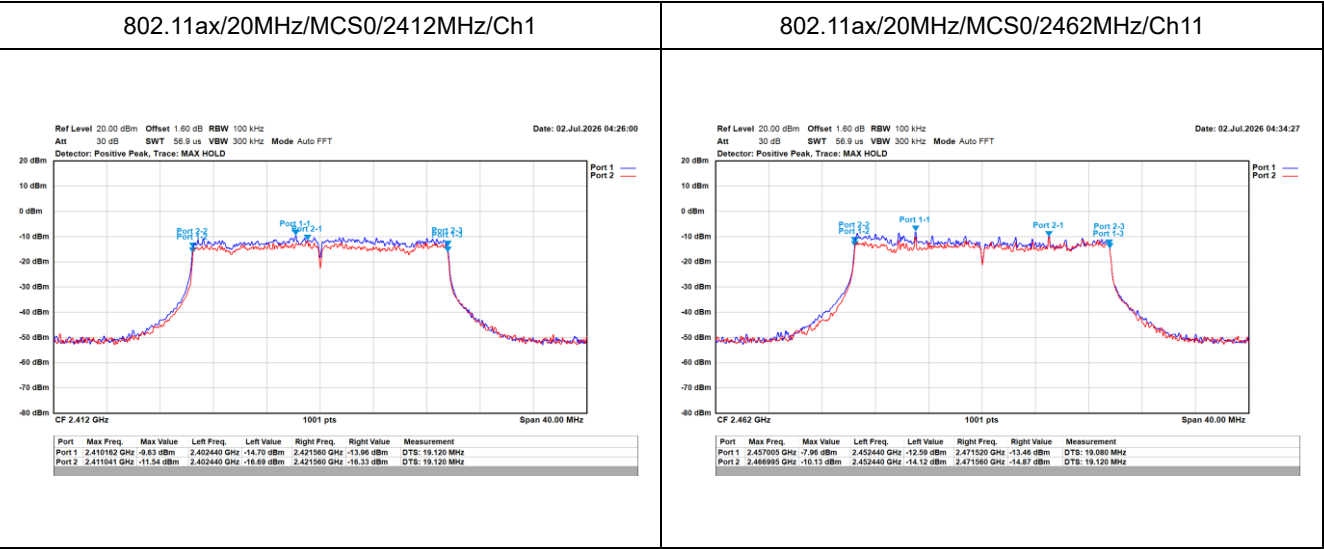
106-tone RU

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)		DTS Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% Occupied Bandwidth	DTS Bandwidth
802.11ax (20MHz)	2412	18.22	18.30	19.12	19.12	-	≥ 0.5
	2462	17.66	17.82	19.08	19.12	-	≥ 0.5

For 99% Occupied Bandwidth:



For DTS Bandwidth:

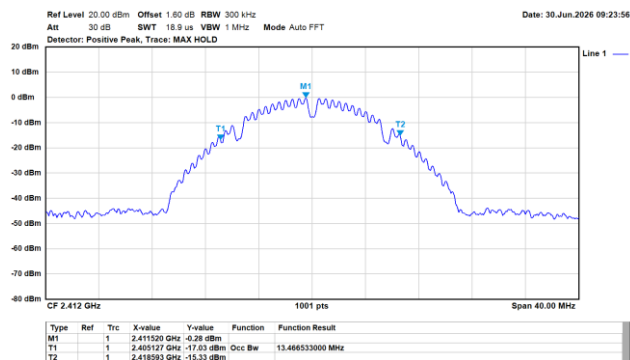


WiFi 3 Antenna

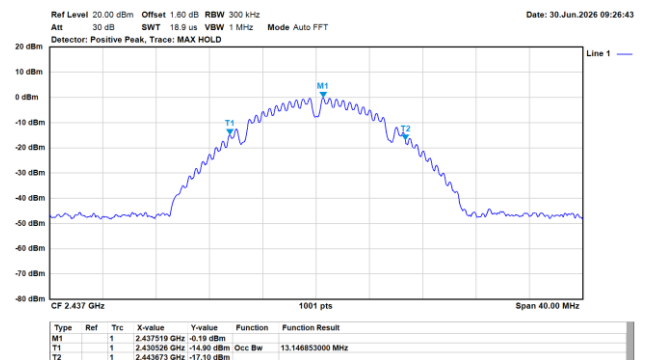
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth	DTS Bandwidth
802.11b (20MHz)	2412	13.47	8.56	-	≥ 0.5
	2437	13.15	8.08	-	≥ 0.5
	2462	13.19	7.12	-	≥ 0.5
802.11g (20MHz)	2412	16.26	13.88	-	≥ 0.5
	2437	16.30	15.32	-	≥ 0.5
	2462	16.38	15.52	-	≥ 0.5
802.11ac (20MHz)	2412	17.50	16.92	-	≥ 0.5
	2437	17.50	17.16	-	≥ 0.5
	2462	17.62	17.60	-	≥ 0.5
802.11ac (40MHz)	2422	36.04	36.32	-	≥ 0.5
	2437	35.88	35.36	-	≥ 0.5
	2452	35.96	35.36	-	≥ 0.5
802.11ax (20MHz)	2412	19.06	19.12	-	≥ 0.5
	2437	19.10	19.08	-	≥ 0.5
	2462	19.18	19.12	-	≥ 0.5
802.11ax (40MHz)	2422	38.36	38.24	-	≥ 0.5
	2437	38.04	38.08	-	≥ 0.5
	2452	38.28	38.16	-	≥ 0.5

For 99% Occupied Bandwidth:

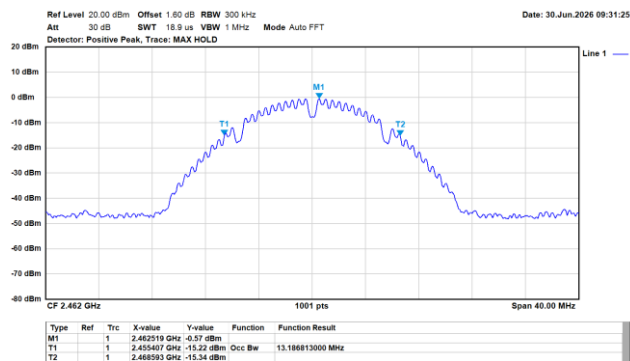
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1



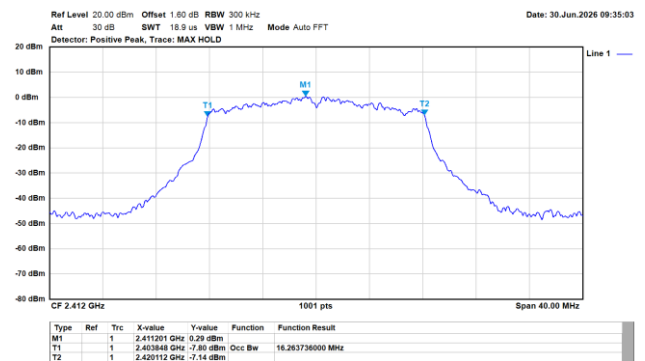
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1



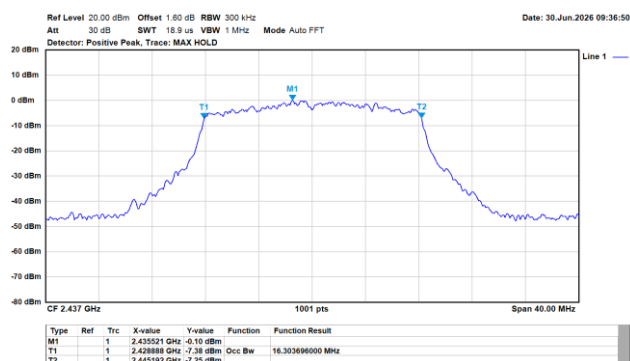
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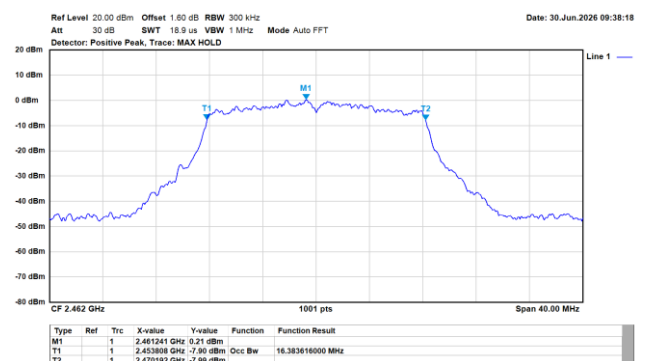
802.11g/20MHz/6M/2412MHz/Ch1/Ant.1



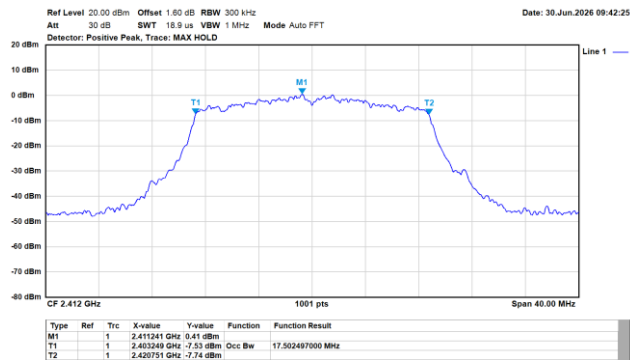
802.11g/20MHz/6M/2437MHz/Ch6/Ant.1



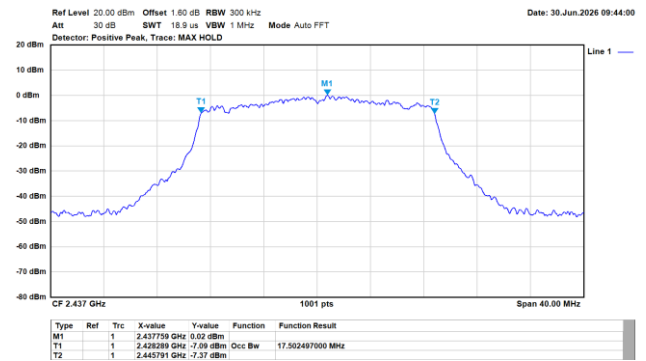
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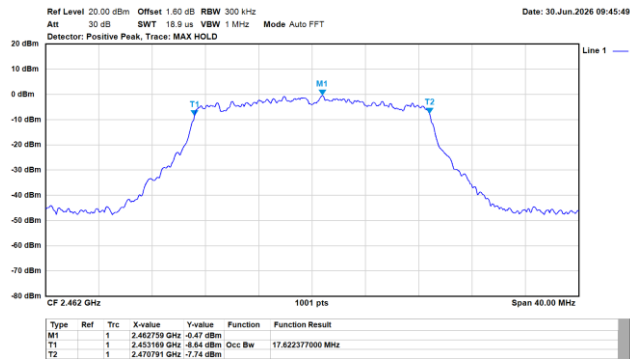
802.11ac/20MHz/MCS0/2412MHz/Ch1/Ant.1



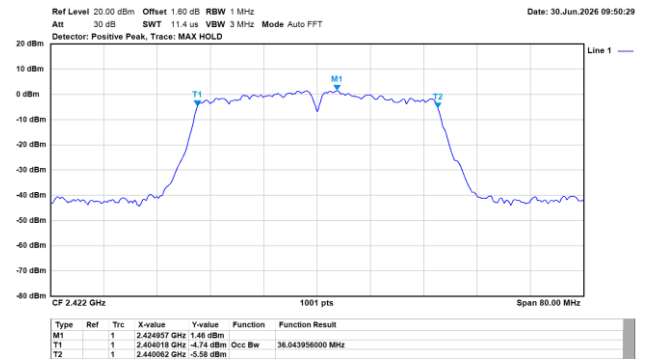
802.11ac/20MHz/MCS0/2437MHz/Ch6/Ant.1



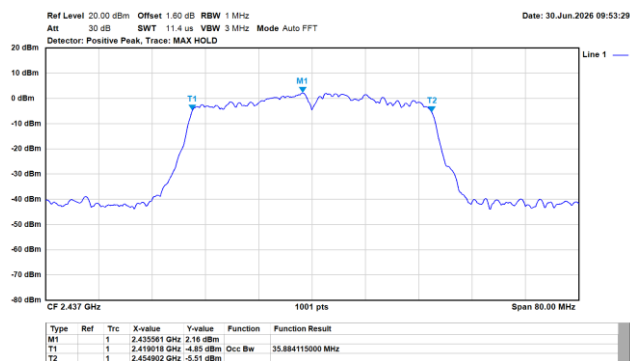
802.11ac/20MHz/MCS0/2462MHz/Ch11/Ant.1



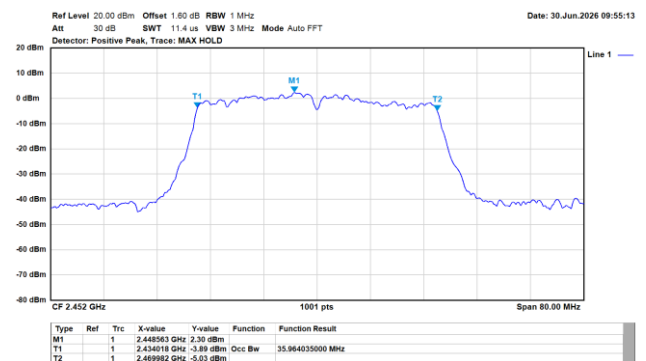
802.11ac/40MHz/MCS0/2422MHz/Ch3/Ant.1

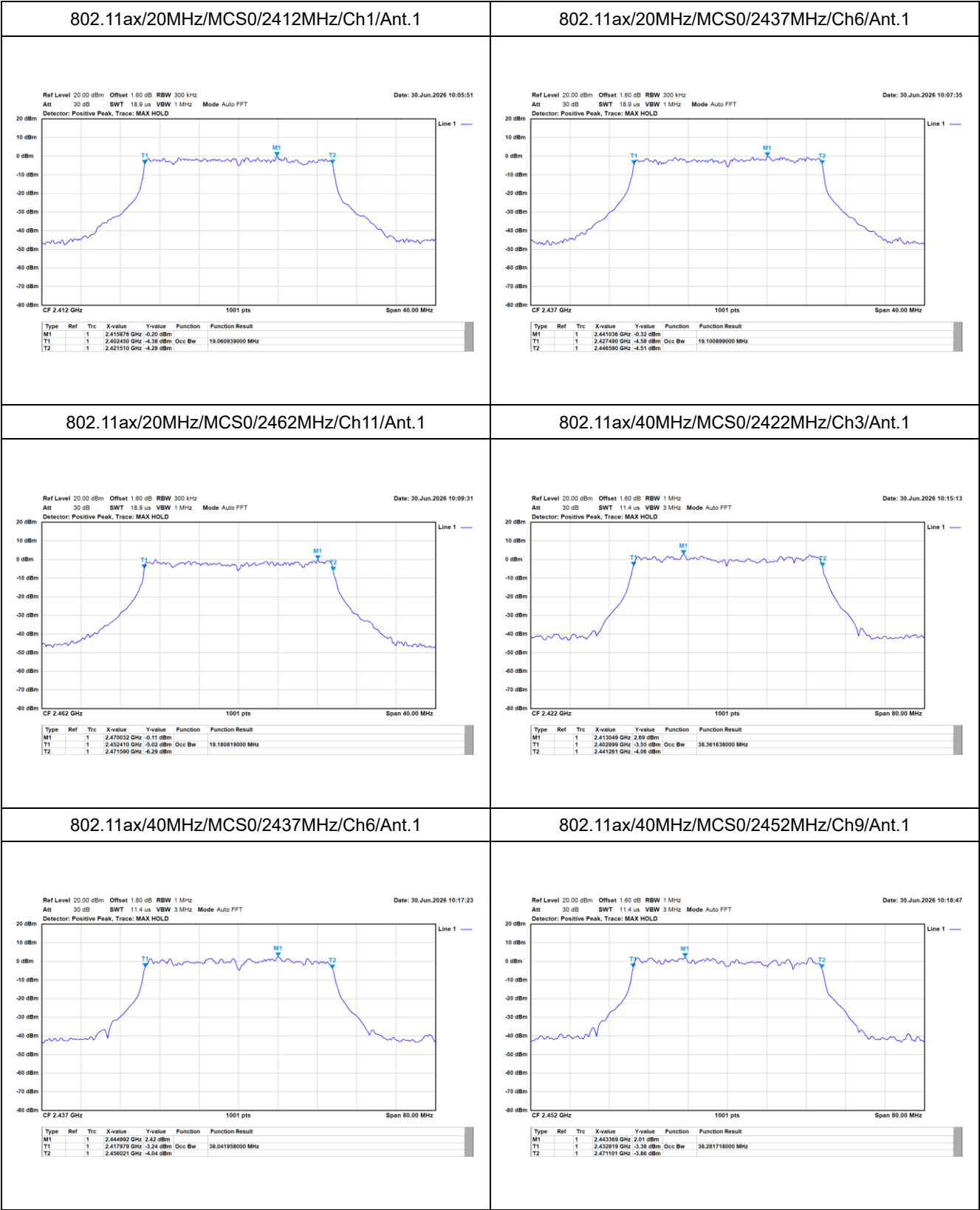


802.11ac/40MHz/MCS0/2437MHz/Ch6/Ant.1



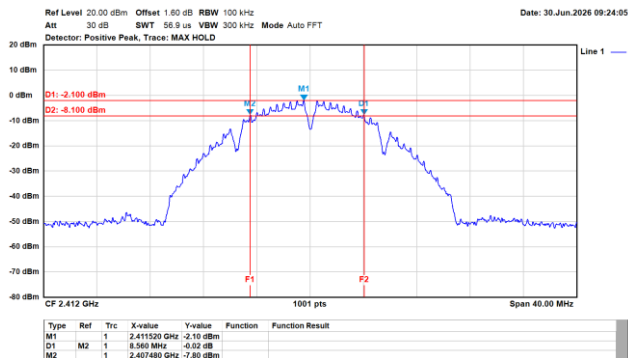
802.11ac/40MHz/MCS0/2452MHz/Ch9/Ant.1



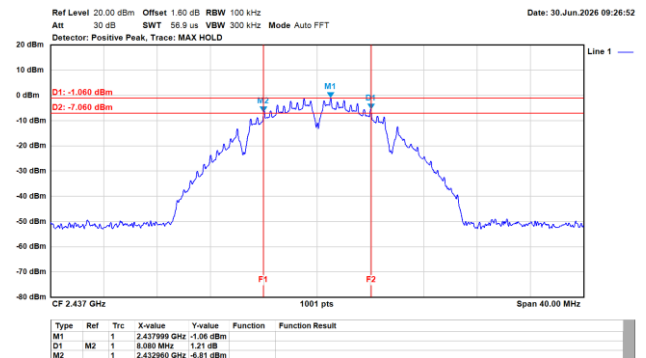


For DTS Bandwidth:

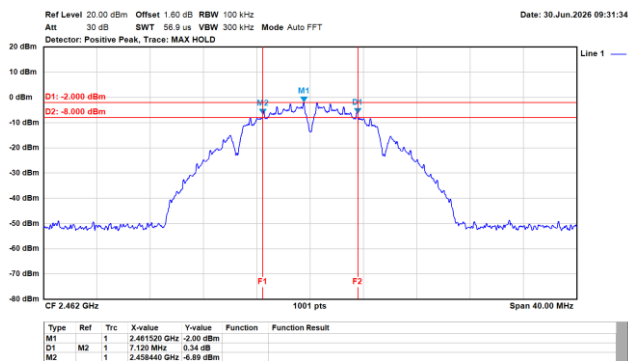
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1



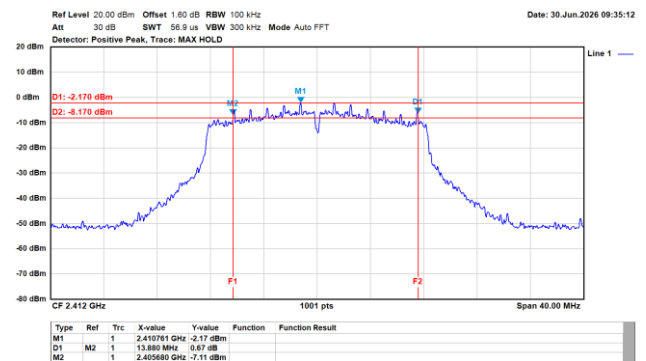
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1



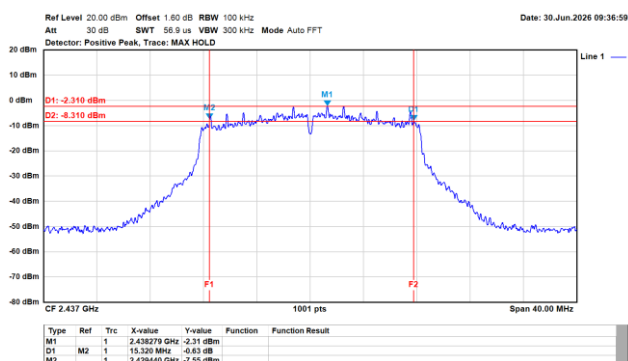
802.11b/20MHz/1M/2462MHz/Ch11/Ant.1



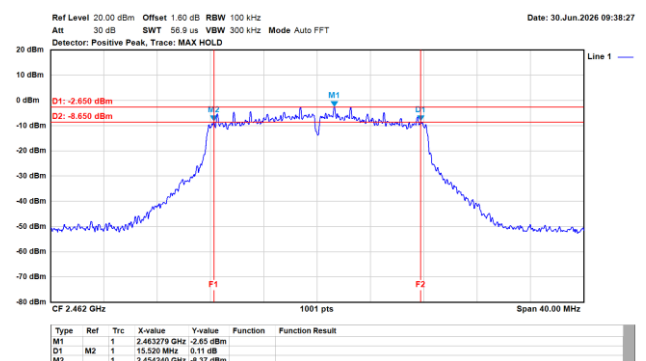
802.11g/20MHz/6M/2412MHz/Ch1/Ant.1



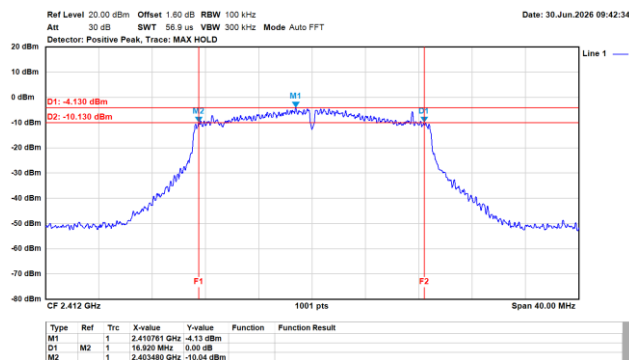
802.11g/20MHz/6M/2437MHz/Ch6/Ant.1



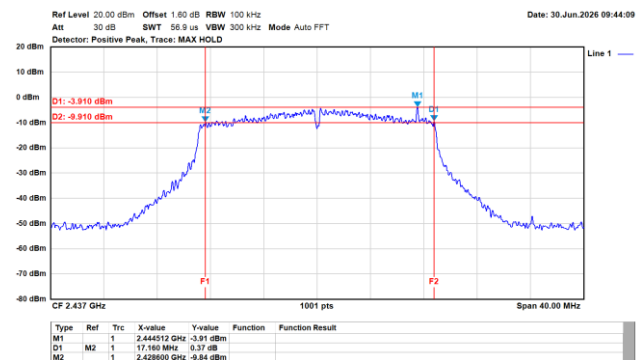
802.11g/20MHz/6M/2462MHz/Ch11/Ant.1



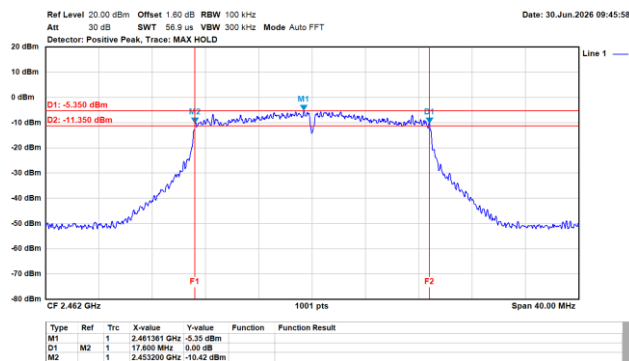
802.11ac/20MHz/MCS0/2412MHz/Ch1/Ant.1



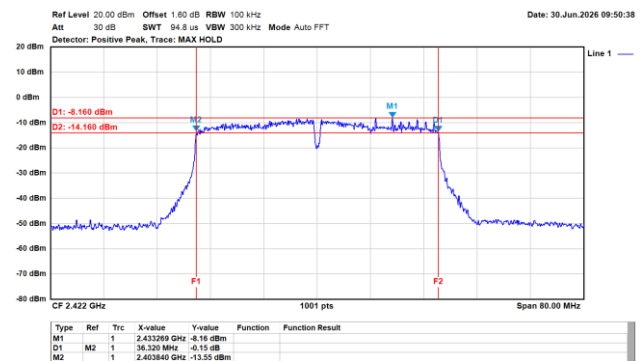
802.11ac/20MHz/MCS0/2437MHz/Ch6/Ant.1



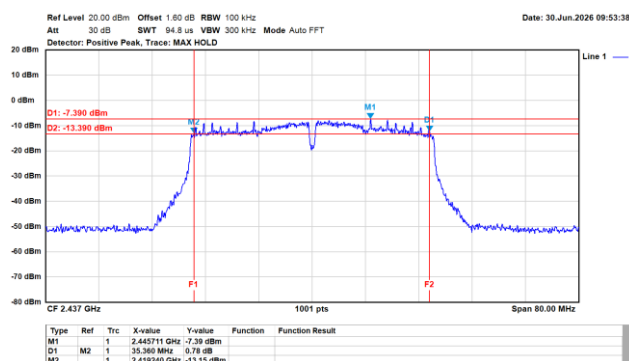
802.11ac/20MHz/MCS0/2462MHz/Ch11/Ant.1



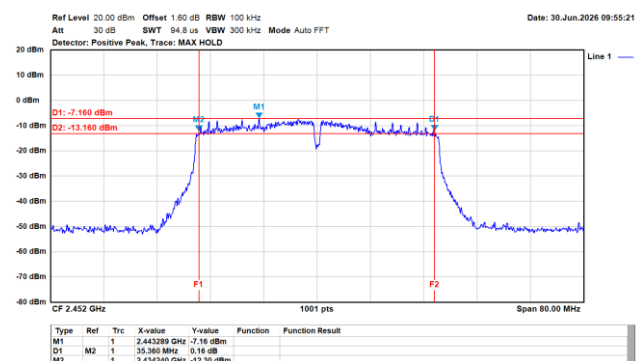
802.11ac/40MHz/MCS0/2422MHz/Ch3/Ant.1

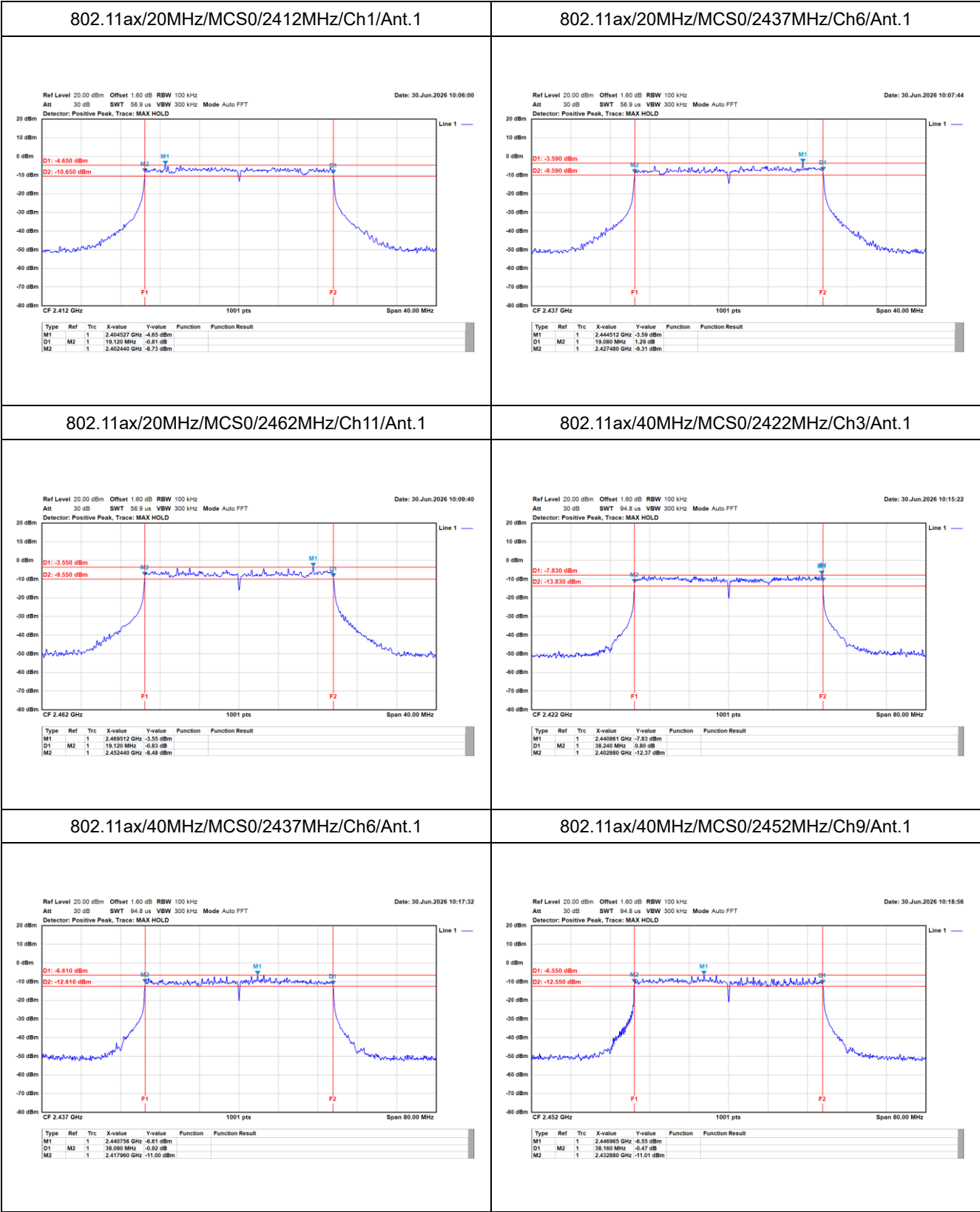


802.11ac/40MHz/MCS0/2437MHz/Ch6/Ant.1



802.11ac/40MHz/MCS0/2452MHz/Ch9/Ant.1

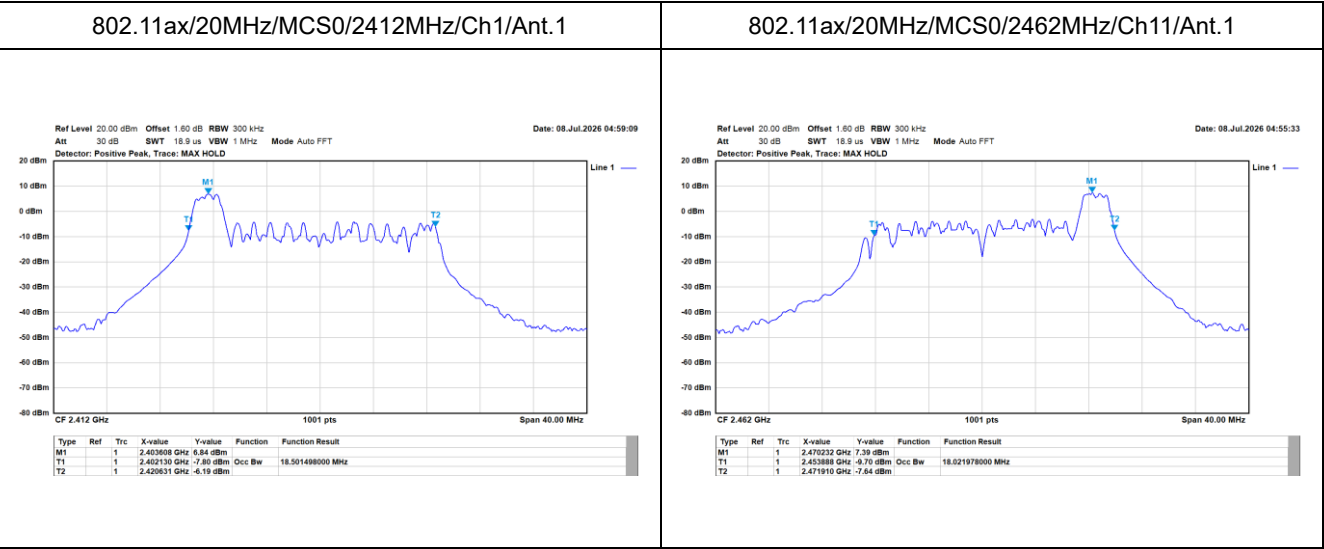




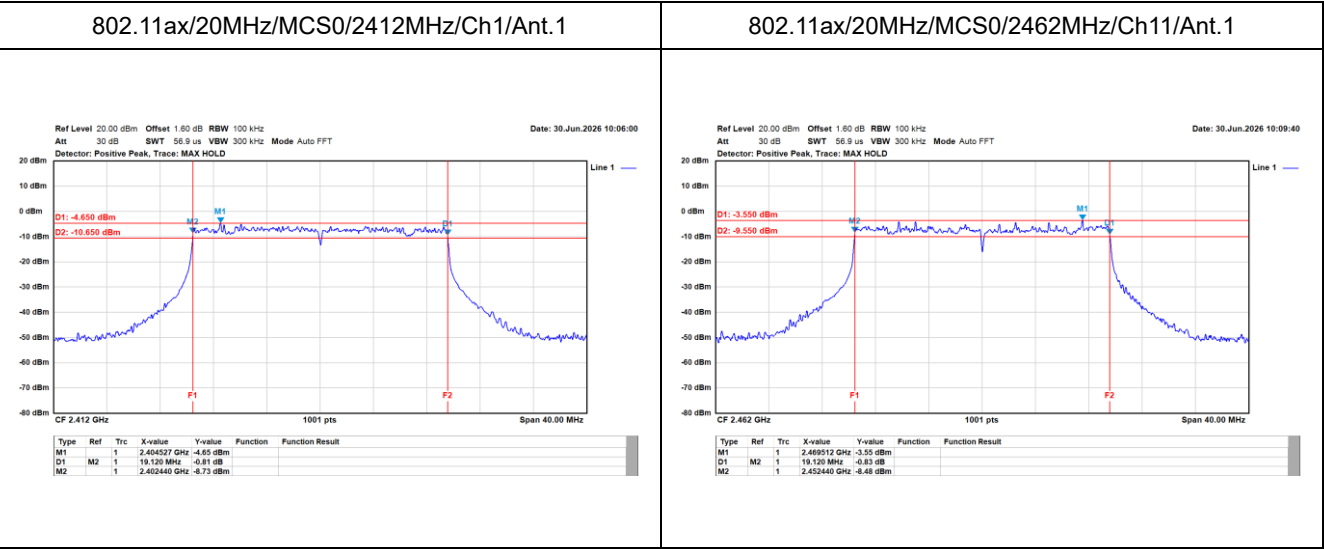
26-tone RU

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth	DTS Bandwidth
802.11ax (20MHz)	2412	18.50	19.12	-	≥ 0.5
	2462	18.02	19.12	-	≥ 0.5

For 99% Occupied Bandwidth:



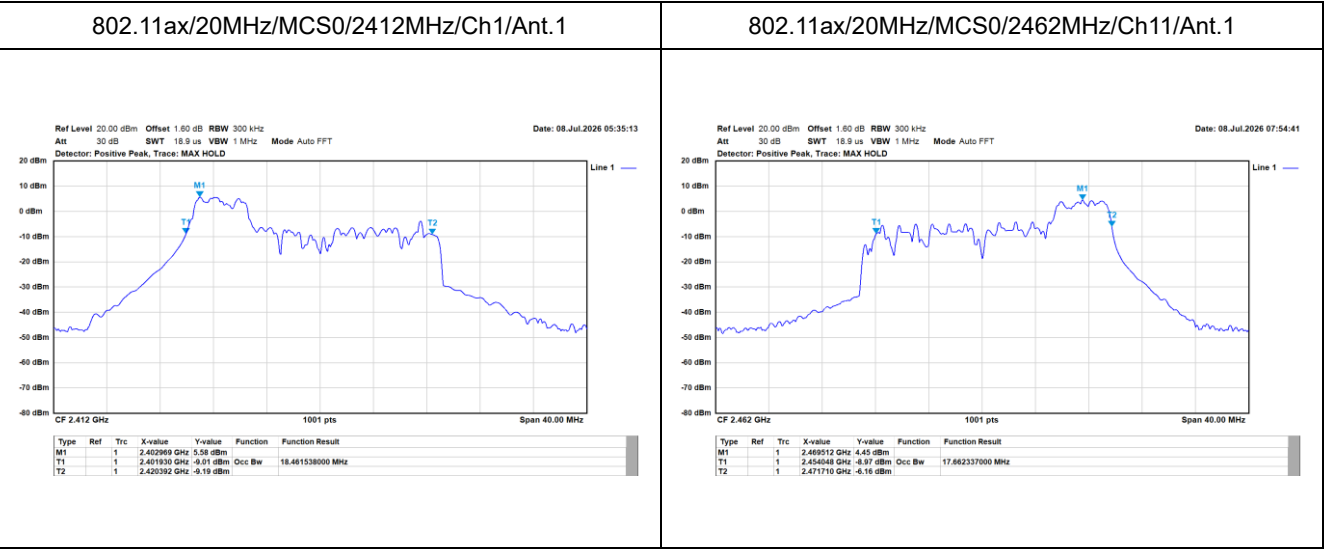
For DTS Bandwidth:



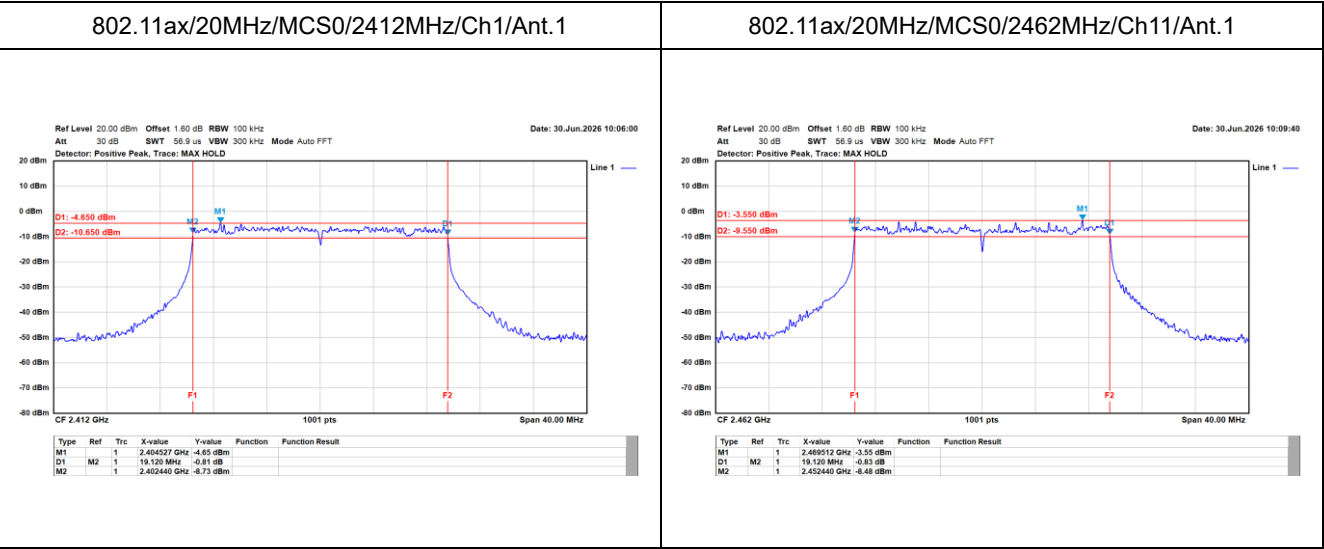
52-tone RU

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth	DTS Bandwidth
802.11ax (20MHz)	2412	18.46	19.12	-	≥ 0.5
	2462	17.66	19.12	-	≥ 0.5

For 99% Occupied Bandwidth:



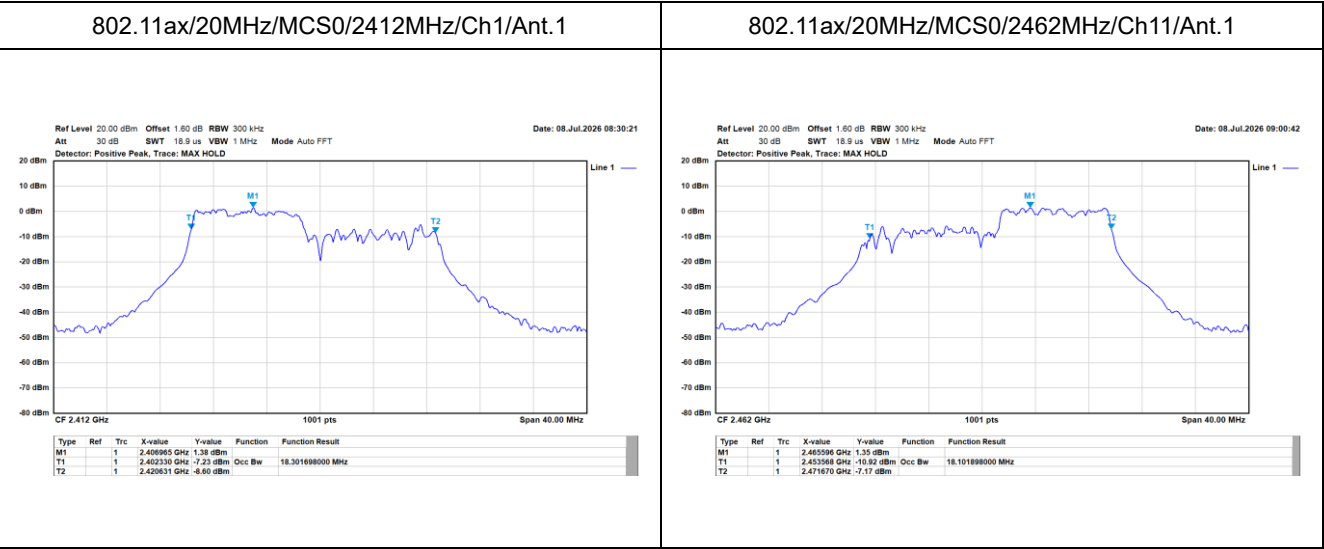
For DTS Bandwidth:



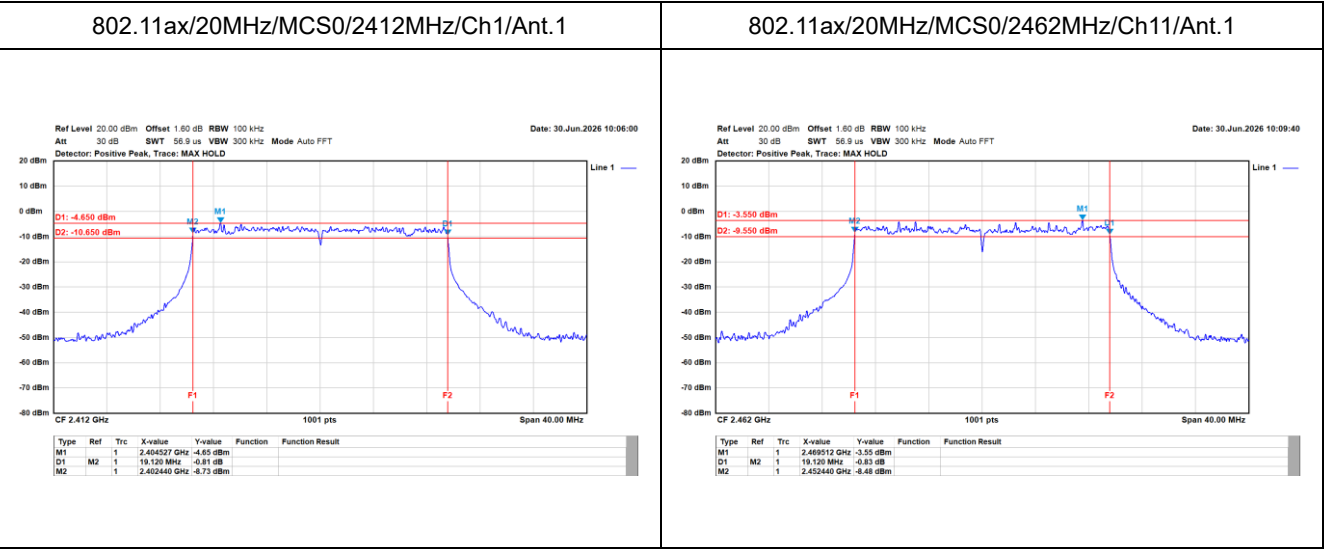
106-tone RU

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth	DTS Bandwidth
802.11ax (20MHz)	2412	18.30	19.12	-	≥ 0.5
	2462	18.10	19.12	-	≥ 0.5

For 99% Occupied Bandwidth:



For DTS Bandwidth:



Appendix C. Test Result of Maximum Peak Conducted Output Power

WiFi 1 + WiFi 2 Antenna

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11b (20MHz)	2412	7.34	5.65	9.59	28.66	Pass
	2437	7.49	6.39	9.99	28.66	Pass
	2462	7.41	6.45	9.97	28.66	Pass
802.11g (20MHz)	2412	11.61	8.99	13.50	28.66	Pass
	2437	10.86	9.96	13.44	28.66	Pass
	2462	10.82	9.64	13.28	28.66	Pass
802.11ac (20MHz)	2412	11.76	9.20	13.68	28.66	Pass
	2437	10.19	9.90	13.06	28.66	Pass
	2462	10.34	9.60	13.00	28.66	Pass
802.11ac (40MHz)	2422	11.70	8.66	13.45	28.66	Pass
	2437	11.05	9.66	13.42	28.66	Pass
	2452	10.21	8.55	12.47	28.66	Pass
802.11ax (20MHz)	2412	14.27	12.23	16.38	28.66	Pass
	2437	13.04	12.70	15.88	28.66	Pass
	2462	14.08	12.94	16.56	28.66	Pass
802.11ax (40MHz)	2422	13.90	12.84	16.41	28.66	Pass
	2437	13.02	12.27	15.67	28.66	Pass
	2452	13.99	11.54	15.95	28.66	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)})$

Average for reference only

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11b (20MHz)	2412	4.99	3.19	7.19	28.66	Pass
	2437	4.93	3.89	7.45	28.66	Pass
	2462	4.95	3.93	7.48	28.66	Pass
802.11g (20MHz)	2412	5.28	2.91	7.27	28.66	Pass
	2437	4.56	3.75	7.18	28.66	Pass
	2462	5.04	3.54	7.36	28.66	Pass
802.11ac (20MHz)	2412	5.24	3.00	7.27	28.66	Pass
	2437	4.48	3.89	7.21	28.66	Pass
	2462	5.01	3.71	7.42	28.66	Pass
802.11ac (40MHz)	2422	5.30	2.59	7.16	28.66	Pass
	2437	4.52	4.09	7.32	28.66	Pass
	2452	5.01	2.87	7.08	28.66	Pass
802.11ax (20MHz)	2412	5.28	3.07	7.32	28.66	Pass
	2437	4.67	4.01	7.36	28.66	Pass
	2462	4.98	3.28	7.22	28.66	Pass
802.11ax (40MHz)	2422	5.57	2.72	7.39	28.66	Pass
	2437	4.70	4.16	7.45	28.66	Pass
	2452	4.99	2.93	7.09	28.66	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)})$

26-tone RU

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11ax (20MHz)	2412	12.28	9.46	14.11	28.66	Pass
	2462	12.15	10.43	14.38	28.66	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)})$

Average for reference only

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11ax (20MHz)	2412	5.16	2.69	7.11	28.66	Pass
	2462	5.12	3.60	7.44	28.66	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)})$

52-tone RU

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11ax (20MHz)	2412	12.69	11.72	15.24	28.66	Pass
	2462	12.69	10.72	14.83	28.66	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)})$

Average for reference only

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11ax (20MHz)	2412	5.51	1.78	7.04	28.66	Pass
	2462	5.40	3.31	7.49	28.66	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)})$

106-tone RU

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11ax (20MHz)	2412	12.97	11.30	15.23	28.66	Pass
	2462	14.17	10.98	15.87	28.66	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)})$

Average for reference only

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11ax (20MHz)	2412	5.52	2.83	7.39	28.66	Pass
	2462	5.08	3.37	7.32	28.66	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)})$

WiFi 3 Antenna

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
802.11b (20MHz)	2412	9.87	30.00	Pass
	2437	9.82	30.00	Pass
	2462	9.72	30.00	Pass
802.11g (20MHz)	2412	13.31	30.00	Pass
	2437	13.63	30.00	Pass
	2462	13.28	30.00	Pass
802.11ac (20MHz)	2412	13.66	30.00	Pass
	2437	13.25	30.00	Pass
	2462	13.44	30.00	Pass
802.11ac (40MHz)	2422	13.04	30.00	Pass
	2437	13.25	30.00	Pass
	2452	13.57	30.00	Pass
802.11ax (20MHz)	2412	15.92	30.00	Pass
	2437	15.63	30.00	Pass
	2462	16.59	30.00	Pass
802.11ax (40MHz)	2422	16.40	30.00	Pass
	2437	16.83	30.00	Pass
	2452	16.44	30.00	Pass