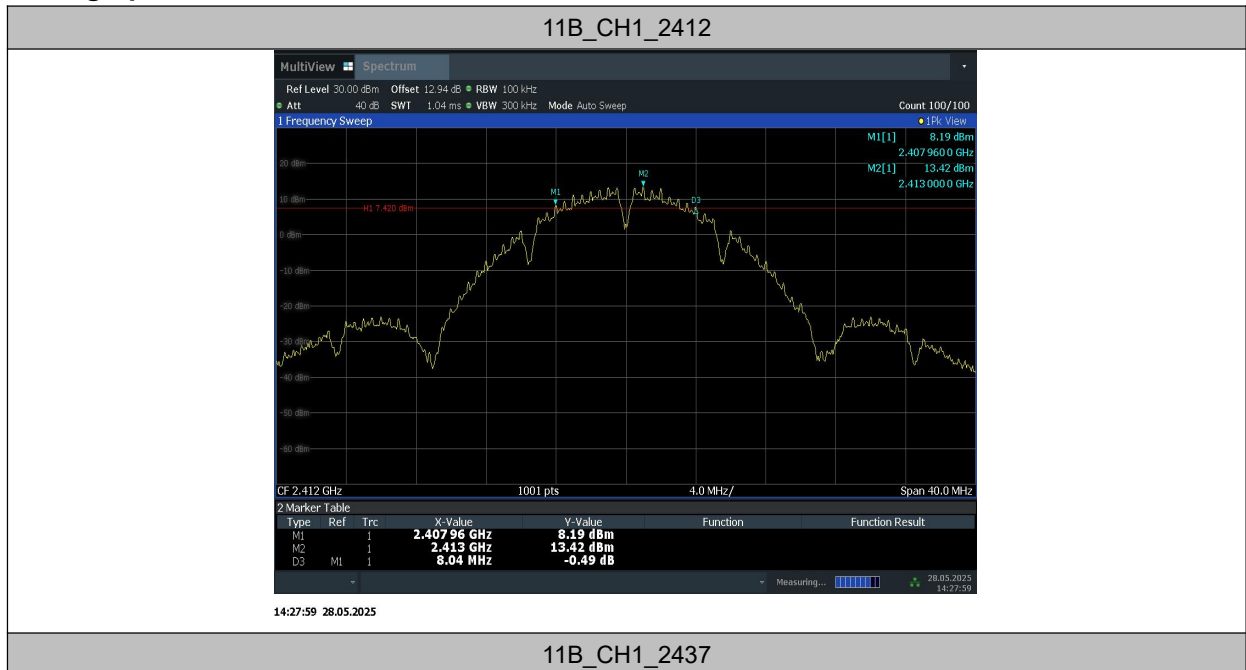


	2422	36.56	2402.96	2439.52
	2437	33.12	2418.84	2451.96
	2437	35.92	2418.60	2454.52
	2452	35.12	2434.40	2469.52
	2452	35.20	2434.32	2469.52
11BE20	2412	15.00	2404.48	2419.48
	2412	10.92	2404.88	2415.80
	2437	18.08	2427.80	2445.88
	2437	16.60	2429.40	2446.00
	2462	16.04	2453.48	2469.52
	2462	14.64	2454.92	2469.56
11BE40	2422	35.20	2403.12	2438.32
	2422	36.16	2403.28	2439.44
	2437	33.84	2419.40	2453.24
	2437	36.72	2418.20	2454.92
	2452	33.84	2434.40	2468.24
	2452	35.76	2433.76	2469.52

Conclusion: Pass

Test graphs as below:





14:29:41 28.05.2025

11B_CH1_2462

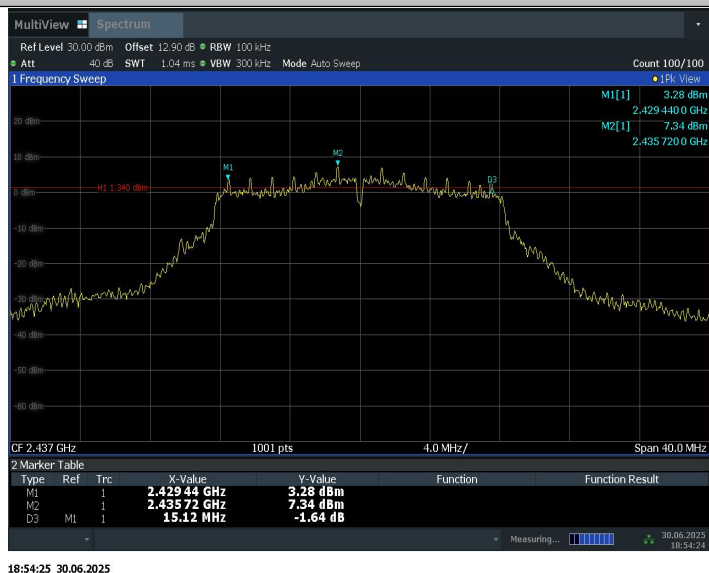


14:31:02 28.05.2025

11G_CH1_2412



11G_CH1_2437



11G_CH1_2462



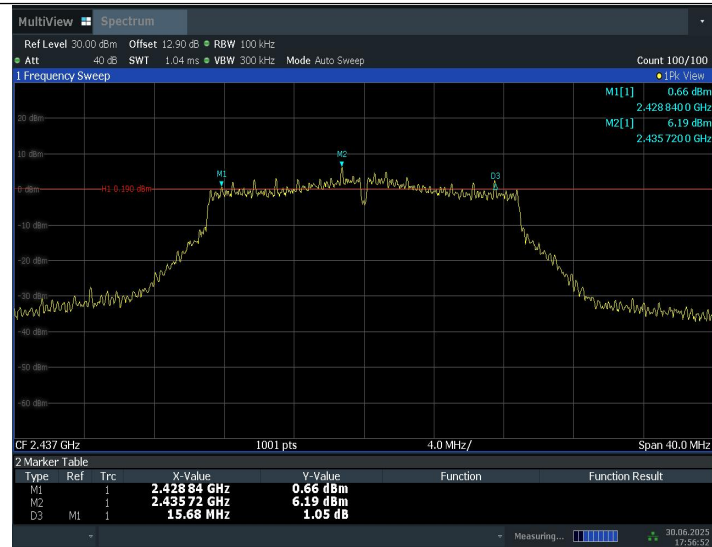
18:53:37 30.06.2025

11N20MIMO_CH2_2412



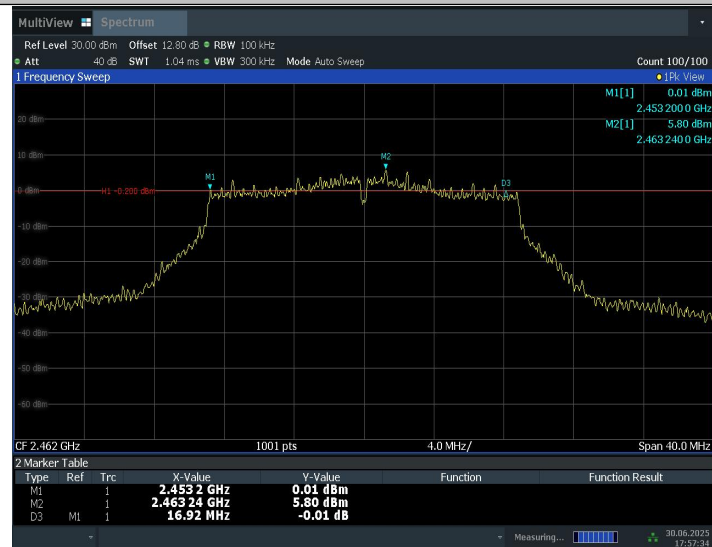
17:16:03 30.06.2025

11N20MIMO_CH2_2437



17:56:52 30.06.2025

11N20MIMO_CH2_2462



17:57:34 30.06.2025

11N40MIMO_CH2_2422



17:23:58 30.06.2025

11N40MIMO_CH2_2437



17:25:03 30.06.2025

11N40MIMO_CH2_2452



17:26:04 30.06.2025

11AX20MIMO_CH2_2412



17:35:13 30.06.2025

11AX20MIMO_CH2_2437



17:36:14 30.06.2025

11AX20MIMO_CH2_2462



17:52:05 30.06.2025

11AX40MIMO_CH2_2422



17:39:05 30.06.2025

11AX40MIMO_CH2_2437



17:40:31 30.06.2025

11AX40MIMO_CH2_2452



17:41:43 30.06.2025

11BE20MIMO_CH2_2412



17:43:07 30.06.2025

11BE20MIMO_CH2_2437



17:44:50 30.06.2025

11BE20MIMO_CH2_2462



17:45:57 30.06.2025

11BE40MIMO_CH2_2422



17:47:12 30.06.2025

11BE40MIMO_CH2_2437



17:48:26 30.06.2025

11BE40MIMO_CH2_2452



A.5. Band Edges Compliance

Method of Measurement: See ANSI C63.10-2013-clause 6.10.4

Connect the spectrum analyzer to the EUT using an appropriate RF cable connected to the EUT output. Configure the spectrum analyzer settings as described below.

- Set Span = 100MHz
- Sweep Time: coupled
- Set the RBW= 100 kHz
- Set the VBW= 300 kHz
- Detector: Peak
- Trace: Max hold

Measurement Limit:

Standard	Limit (dBc)
FCC 47 CFR Part 15.247 (d)	> 20

EUT ID: UT01a

Measurement Result:

SISO

TestMode	Port	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]
11B	CH1	Low	2412	13.80	-22.43
		High	2462	13.54	-41.87
11G	CH1	Low	2412	9.68	-20.71
		High	2462	9.88	-32.6

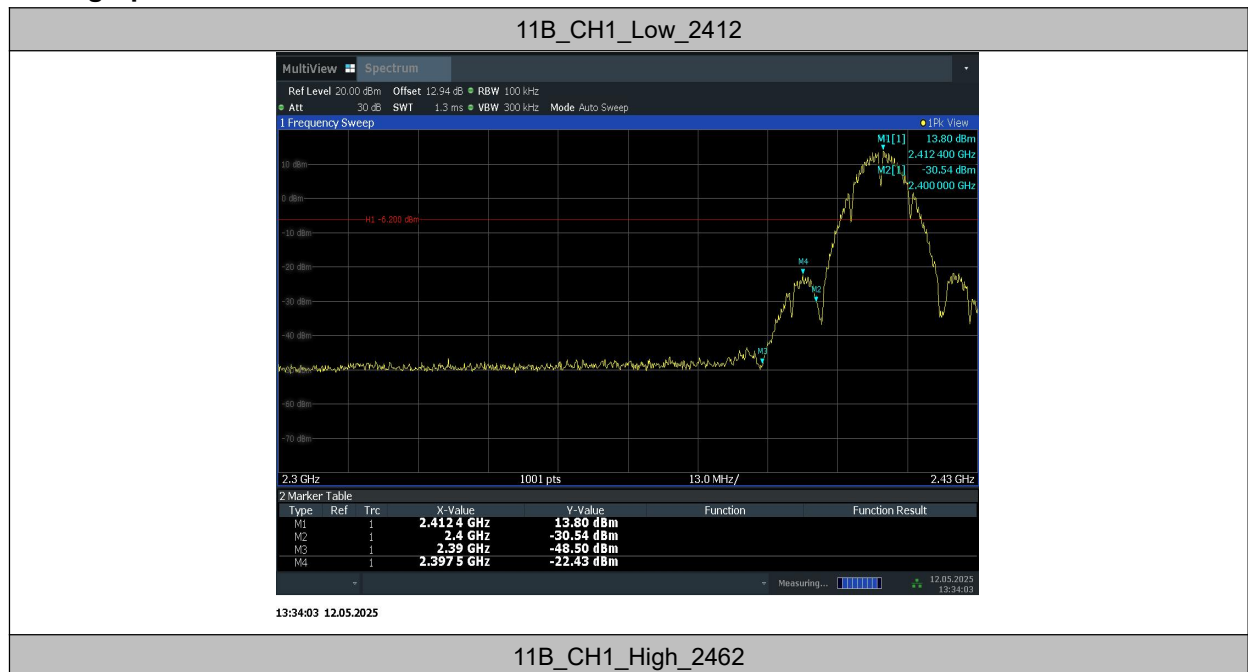
MIMO-CH2

The power of CH2 is greater than that of CH1.

TestMode	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]
11N20	Low	2412	4.95	-26.46
	High	2462	6.31	-37.79
11N40	Low	2422	0.82	-30.6
	High	2452	0.53	-37.94
11AX20	Low	2412	2.91	-29.68
	High	2462	4.23	-38.83
11AX40	Low	2422	0.66	-28.79
	High	2452	1.62	-36.42
11BE20	Low	2412	5.16	-30.18
	High	2462	5.08	-37.82
11BE40	Low	2422	1.40	-28.66
	High	2452	1.54	-35.91

Conclusion: Pass

Test graphs as below:





13:35:46 12.05.2025

11G_CH1_Low_2412



13:36:32 12.05.2025

11G_CH1_High_2462



13:37:46 12.05.2025

11N20MIMO_CH2_Low_2412



18:05:15 30.06.2025

11N20MIMO_CH2_High_2462



18:08:37 30.06.2025

11N40MIMO_CH2_Low_2422



18:10:36 30.06.2025

11N40MIMO_CH2_High_2452



18:13:51 30.06.2025

11AX20MIMO_CH2_Low_2412



18:15:41 30.06.2025

11AX20MIMO_CH2_High_2462



18:18:37 30.06.2025

11AX40MIMO_CH2_Low_2422



18:20:23 30.06.2025

11AX40MIMO_CH2_High_2452



11BE20MIMO_CH2_Low_2412



11BE20MIMO_CH2_High_2462



18:30:14 30.06.2025

11BE40MIMO_CH2_Low_2422



18:31:56 30.06.2025

11BE40MIMO_CH2_High_2452



A.6. Transmitter Spurious Emission

A.6.1 Transmitter Spurious Emission – Conducted

Method of Measurement: See ANSI C63.10-2013-clause 11.11

Establish a reference level by using the following procedure:

- Set instrument center frequency to DTS channel center frequency
- Set the span to ≥ 1.5 times the DTS bandwidth
- Set the RBW= 100 kHz
- Set the VBW= 300 kHz
- Detector = Peak
- Sweep time = auto couple
- Trace mode = max hold
- Allow trace to fully stabilize
- Use the peak marker function to determine the maximum PSD level

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

Establish an emission level by using the following procedure:

- Set the center frequency and span to encompass frequency range to be measured.
- Set the RBW = 100 kHz.
- Set the VBW = 300 kHz.
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247 (d)	20dB below peak output power in 100 kHz bandwidth

EUT ID: UT01a
Measurement Results:
SISO

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]
11B	CH1	2412	Reference	13.68	13.68	---
			30~1000	13.68	-56.92	≤-6.32
			1000~26500	13.68	-42.32	≤-6.32
		2437	Reference	13.90	13.90	---
			30~1000	13.90	-56.84	≤-6.1
			1000~26500	13.90	-44.44	≤-6.1
		2462	Reference	13.40	13.40	---
			30~1000	13.40	-56.4	≤-6.6
			1000~26500	13.40	-44.56	≤-6.6
11G	CH1	2412	Reference	9.94	9.94	---
			30~1000	9.94	-56.5	≤-10.06
			1000~26500	9.94	-44.83	≤-10.06
		2437	Reference	9.82	9.82	---
			30~1000	9.82	-56.83	≤-10.18
			1000~26500	9.82	-44.51	≤-10.18
		2462	Reference	10.04	10.04	---
			30~1000	10.04	-56.35	≤-9.96
			1000~26500	10.04	-43.63	≤-9.96

MIMO-CH2
The power of CH2 is greater than that of CH1.

TestMode	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]
11N20MIMO	2412	Reference	6.35	6.35	---
		30~1000	6.35	-56.92	≤-13.65
		1000~26500	6.35	-43.65	≤-13.65
	2437	Reference	5.94	5.94	---
		30~1000	5.94	-57.29	≤-14.06
		1000~26500	5.94	-44.34	≤-14.06
	2462	Reference	6.43	6.43	---
		30~1000	6.43	-56.89	≤-13.57
		1000~26500	6.43	-44.43	≤-13.57

11N40MIMO	2422	Reference	0.90	0.90	---
		30~1000	0.90	-56.61	≤ -19.1
		1000~26500	0.90	-44.12	≤ -19.1
	2437	Reference	0.95	0.95	---
		30~1000	0.95	-56.69	≤ -19.05
		1000~26500	0.95	-44.79	≤ -19.05
	2452	Reference	0.93	0.93	---
		30~1000	0.93	-56.85	≤ -19.07
		1000~26500	0.93	-44.19	≤ -19.07
11AX20MIMO	2412	Reference	5.54	5.54	---
		30~1000	5.54	-56.57	≤ -14.46
		1000~26500	5.54	-44.71	≤ -14.46
	2437	Reference	5.07	5.07	---
		30~1000	5.07	-57	≤ -14.93
		1000~26500	5.07	-44.37	≤ -14.93
	2462	Reference	5.26	5.26	---
		30~1000	5.26	-56.94	≤ -14.74
		1000~26500	5.26	-43.8	≤ -14.74
11AX40MIMO	2422	Reference	1.67	1.67	---
		30~1000	1.67	-56.54	≤ -18.33
		1000~26500	1.67	-44.51	≤ -18.33
	2437	Reference	1.13	1.13	---
		30~1000	1.13	-56.39	≤ -18.87
		1000~26500	1.13	-44.12	≤ -18.87
	2452	Reference	1.50	1.50	---
		30~1000	1.50	-56.66	≤ -18.5
		1000~26500	1.50	-44.58	≤ -18.5
11BE20MIMO	2412	Reference	5.67	5.67	---
		30~1000	5.67	-56.85	≤ -14.33
		1000~26500	5.67	-44.55	≤ -14.33
	2437	Reference	5.09	5.09	---
		30~1000	5.09	-55.76	≤ -14.91
		1000~26500	5.09	-44.29	≤ -14.91
	2462	Reference	5.09	5.09	---
		30~1000	5.09	-57.35	≤ -14.91
		1000~26500	5.09	-44.87	≤ -14.91
11BE40MIMO	2422	Reference	-0.82	-0.82	---
		30~1000	-0.82	-56.98	≤ -20.82
		1000~26500	-0.82	-44.17	≤ -20.82
	2437	Reference	1.26	1.26	---
		30~1000	1.26	-56.86	≤ -18.74
		1000~26500	1.26	-44.41	≤ -18.74

	2452	Reference	0.76	0.76	---
		30~1000	0.76	-57.17	≤-19.24
		1000~26500	0.76	-44.11	≤-19.24

Conclusion: Pass

Test graphs as below:

