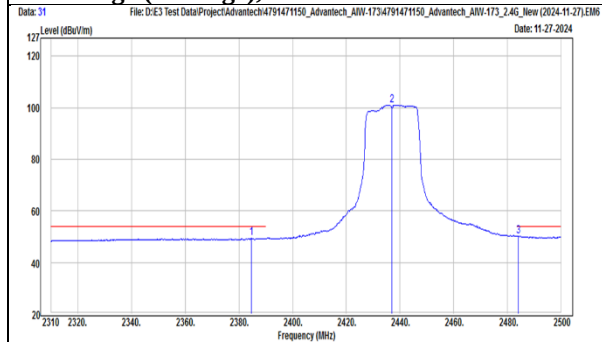


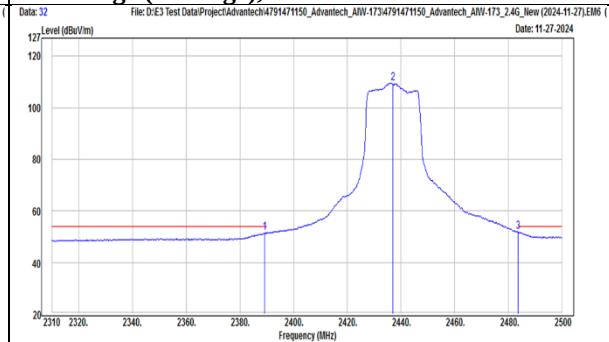
Mode	802.11be(EHT20)	Channel	6
------	-----------------	---------	---

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		2370.99	40.64	20.68	61.32	74	-12.68	PK
		2384.67	28.71	20.66	49.37	54	-4.63	AVG
	@	2437	88.57	20.99	109.56	N/A	N/A	PK
	@	2437	80.06	20.99	101.05	N/A	N/A	AVG
		2484.04	29.1	21.24	50.34	54	-3.66	AVG
		2490.69	40.62	21.26	61.88	74	-12.12	PK
Vertical		2389.23	30.77	20.65	51.42	54	-2.58	AVG
		2389.99	43.23	20.65	63.88	74	-10.12	PK
	@	2437	98.13	20.99	119.12	N/A	N/A	PK
	@	2437	88.63	20.99	109.62	N/A	N/A	AVG
		2483.66	30.52	21.24	51.76	54	-2.24	AVG
		2485.75	42.58	21.24	63.82	74	-10.18	PK

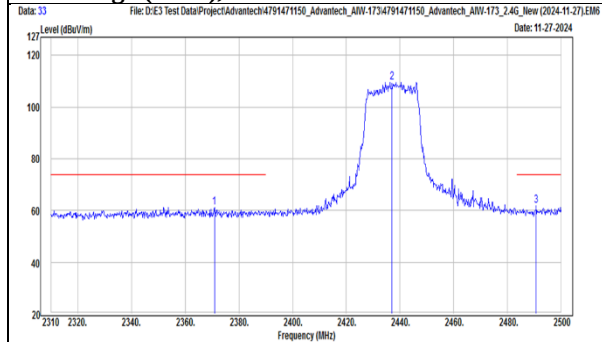
TX, 802.11be(EHT20) (Ch 6)
Band Edge (Average), Horizontal



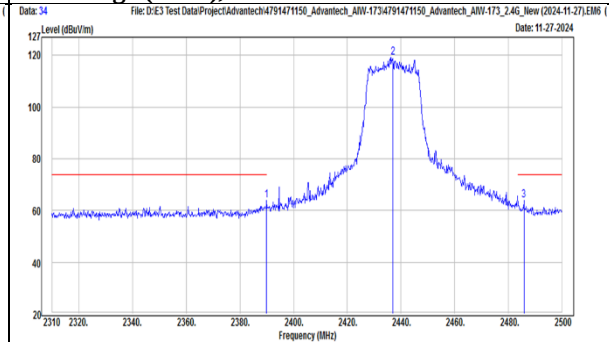
TX, 802.11be(EHT20) (Ch 6)
Band Edge (Average), Vertical



TX, 802.11be(EHT20) (Ch 6)
Band Edge (Peak), Horizontal



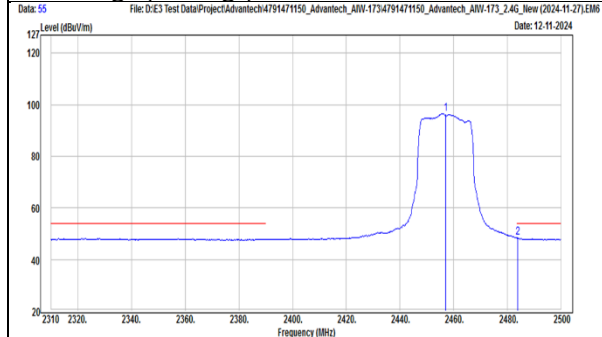
TX, 802.11be(EHT20) (Ch 6)
Band Edge (Peak), Vertical



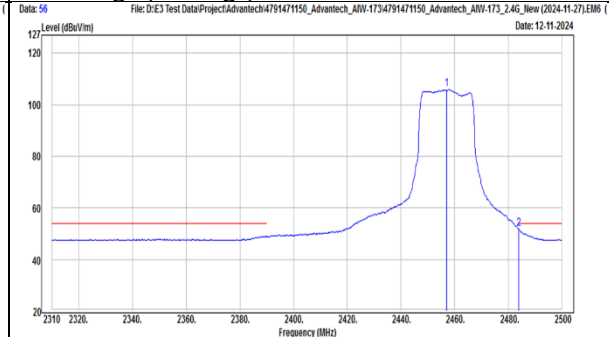
Mode	802.11be(EHT20)	Channel	10
------	-----------------	---------	----

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	2457	87.12	19.21	106.33	N/A	N/A	PK
	@	2457	77.33	19.21	96.54	N/A	N/A	AVG
		2483.85	29.2	19.2	48.4	54	-5.6	AVG
		2494.11	40.15	19.2	59.35	74	-14.65	PK
Vertical	@	2457	95.08	19.21	114.29	N/A	N/A	PK
	@	2457	86.7	19.21	105.91	N/A	N/A	AVG
		2483.66	44.94	19.2	64.14	74	-9.86	PK
		2483.85	32.84	19.2	52.04	54	-1.96	AVG

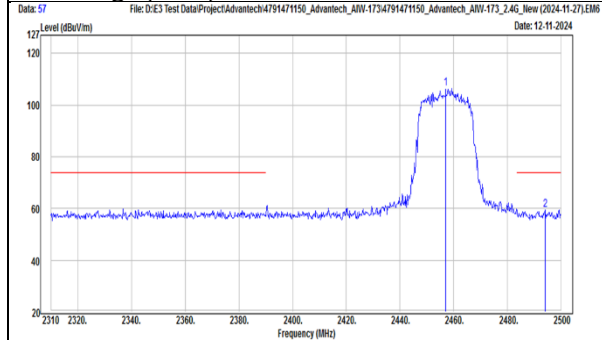
TX, 802.11be(EHT20) (Ch 10)
Band Edge (Average), Horizontal



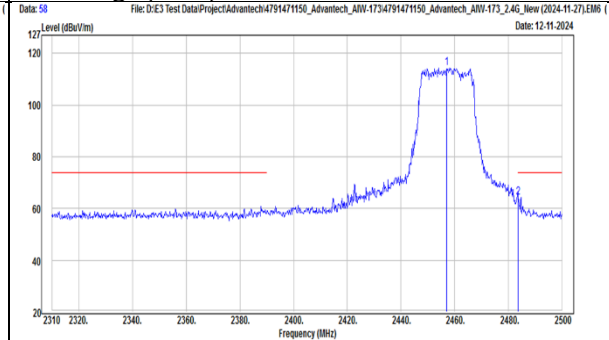
TX, 802.11be(EHT20) (Ch 10)
Band Edge (Average), Vertical



TX, 802.11be(EHT20) (Ch 10)
Band Edge (Peak), Horizontal



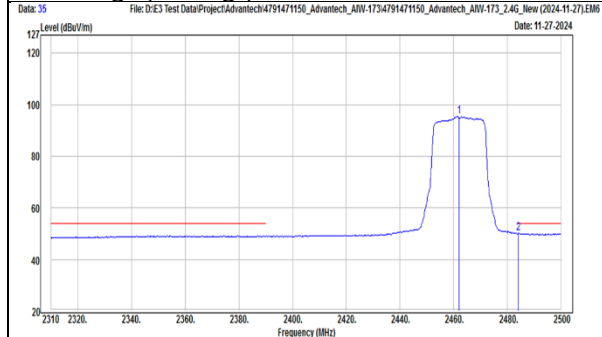
TX, 802.11be(EHT20) (Ch 10)
Band Edge (Peak), Vertical



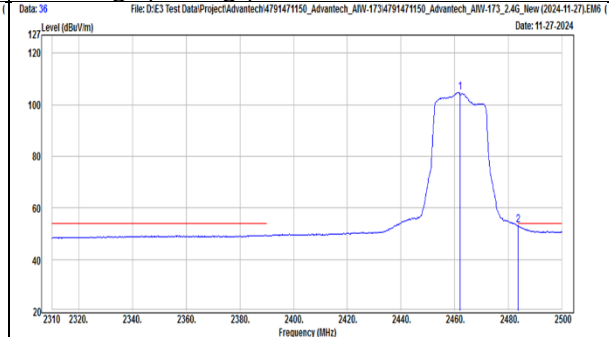
Mode	802.11be(EHT20)	Channel	11
------	-----------------	---------	----

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	2462	83.96	21.15	105.11	N/A	N/A	PK
	@	2462	74.32	21.15	95.47	N/A	N/A	AVG
		2484.04	28.87	21.24	50.11	54	-3.89	AVG
		2499.05	41.46	21.3	62.76	74	-11.24	PK
Vertical	@	2462	92.11	21.15	113.26	N/A	N/A	PK
	@	2462	83.57	21.15	104.72	N/A	N/A	AVG
		2483.66	31.94	21.24	53.18	54	-0.82	AVG
		2485.56	41.34	21.24	62.58	74	-11.42	PK

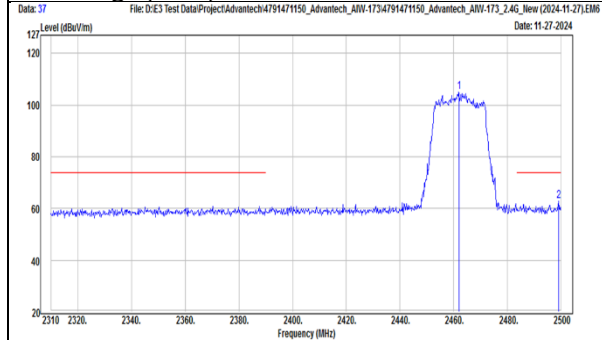
TX, 802.11be(EHT20) (Ch 11)
Band Edge (Average), Horizontal



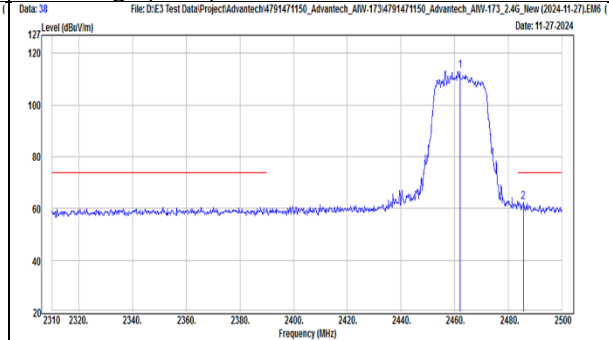
TX, 802.11be(EHT20) (Ch 11)
Band Edge (Average), Vertical



TX, 802.11be(EHT20) (Ch 11)
Band Edge (Peak), Horizontal



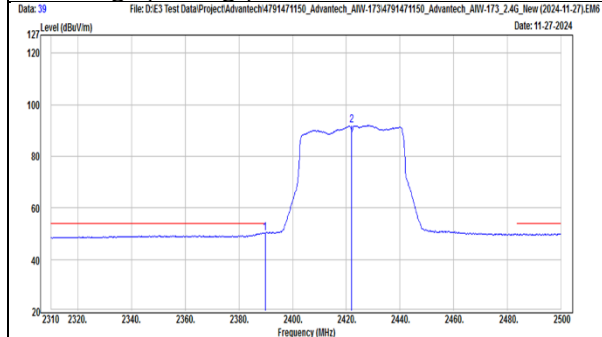
TX, 802.11be(EHT20) (Ch 11)
Band Edge (Peak), Vertical



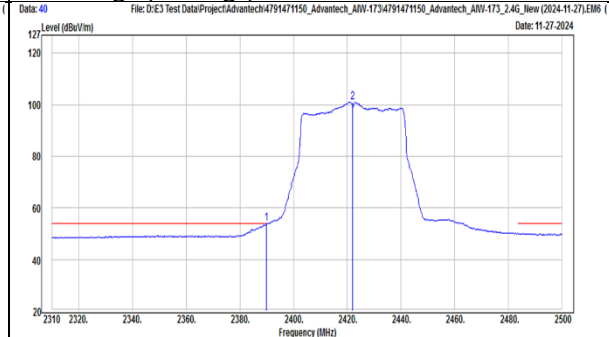
Mode	802.11be(EHT40)	Channel	3
------	-----------------	---------	---

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		2359.59	40.84	20.7	61.54	74	-12.46	PK
		2389.8	29.67	20.65	50.32	54	-3.68	AVG
	@	2422	81.67	20.85	102.52	N/A	N/A	PK
	@	2422	71.1	20.85	91.95	N/A	N/A	AVG
Vertical		2385.81	44.2	20.66	64.86	74	-9.14	PK
		2389.99	33.18	20.65	53.83	54	-0.17	AVG
	@	2422	88.62	20.85	109.47	N/A	N/A	PK
	@	2422	80.25	20.85	101.1	N/A	N/A	AVG

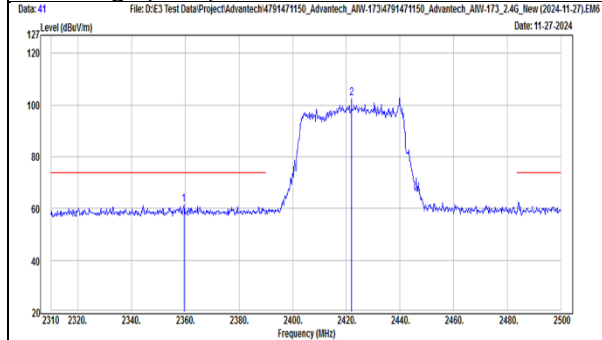
TX, 802.11be(EHT40) (Ch 3)
Band Edge (Average), Horizontal



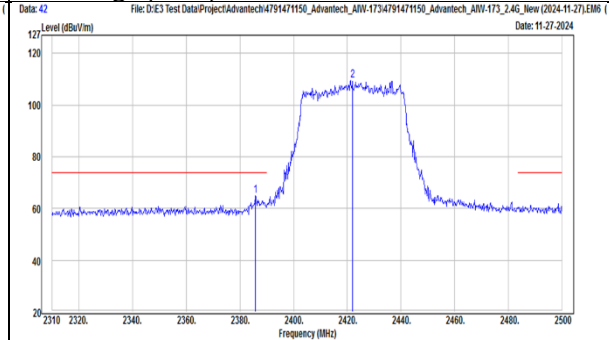
TX, 802.11be(EHT40) (Ch 3)
Band Edge (Average), Vertical



TX, 802.11be(EHT40) (Ch 3)
Band Edge (Peak), Horizontal



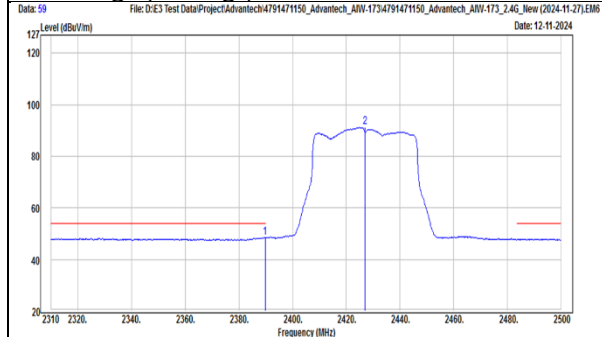
TX, 802.11be(EHT40) (Ch 3)
Band Edge (Peak), Vertical



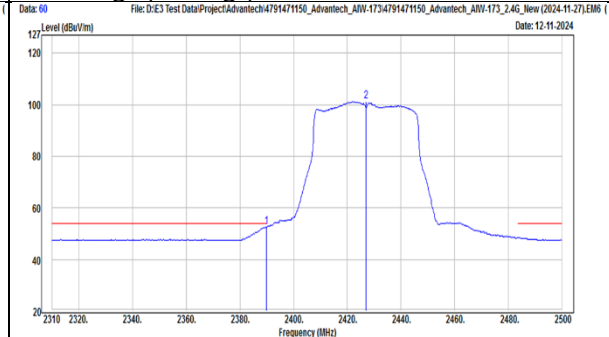
Mode	802.11be(EHT40)	Channel	4
------	-----------------	---------	---

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		2327.67	41.56	19.38	60.94	74	-13.06	PK
		2389.8	29.26	19.19	48.45	54	-5.55	AVG
	@	2427	81.28	19.17	100.45	N/A	N/A	PK
	@	2427	72.02	19.17	91.19	N/A	N/A	AVG
Vertical		2389.04	43.3	19.2	62.5	74	-11.5	PK
		2389.99	33.54	19.19	52.73	54	-1.27	AVG
	@	2427	91.35	19.17	110.52	N/A	N/A	PK
	@	2427	81.95	19.17	101.12	N/A	N/A	AVG

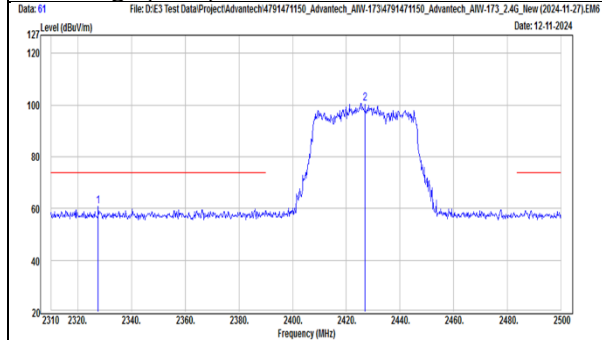
TX, 802.11be(EHT40) (Ch 4)
Band Edge (Average), Horizontal



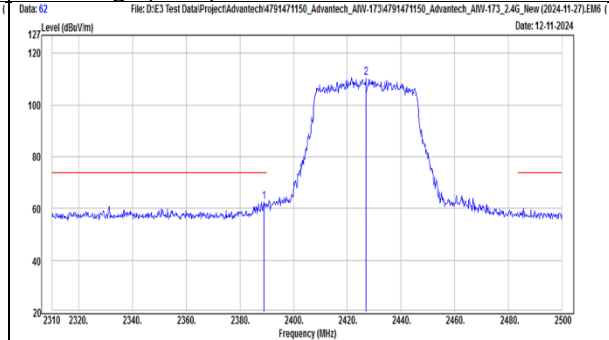
TX, 802.11be(EHT40) (Ch 4)
Band Edge (Average), Vertical



TX, 802.11be(EHT40) (Ch 4)
Band Edge (Peak), Horizontal



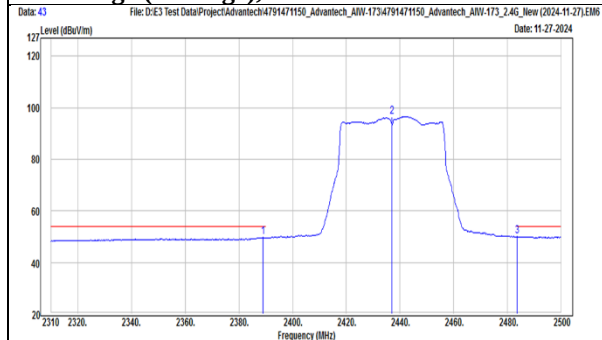
TX, 802.11be(EHT40) (Ch 4)
Band Edge (Peak), Vertical



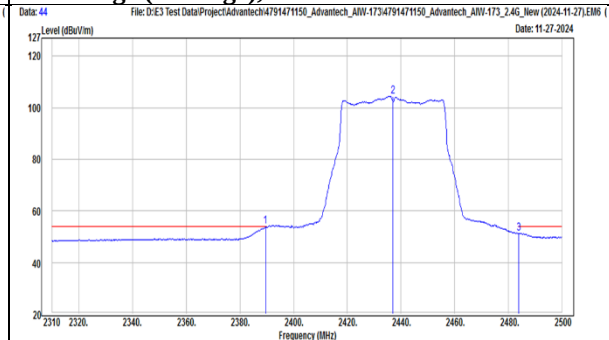
Mode	802.11be(EHT40)	Channel	6
------	-----------------	---------	---

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		2324.25	40.37	20.41	60.78	74	-13.22	PK
		2389.04	29.23	20.65	49.88	54	-4.12	AVG
	@	2437	84.54	20.99	105.53	N/A	N/A	PK
	@	2437	75.63	20.99	96.62	N/A	N/A	AVG
		2483.66	28.83	21.24	50.07	54	-3.93	AVG
		2496.2	40.72	21.28	62	74	-12	PK
Vertical		2387.9	41.93	20.66	62.59	74	-11.41	PK
		2389.61	33.15	20.65	53.8	54	-0.2	AVG
	@	2437	92.6	20.99	113.59	N/A	N/A	PK
	@	2437	83.49	20.99	104.48	N/A	N/A	AVG
		2483.85	30.04	21.24	51.28	54	-2.72	AVG
		2484.04	40.86	21.24	62.1	74	-11.9	PK

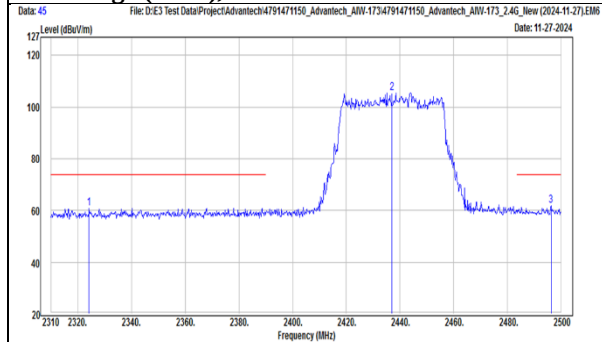
TX, 802.11be(EHT40) (Ch 6)
Band Edge (Average), Horizontal



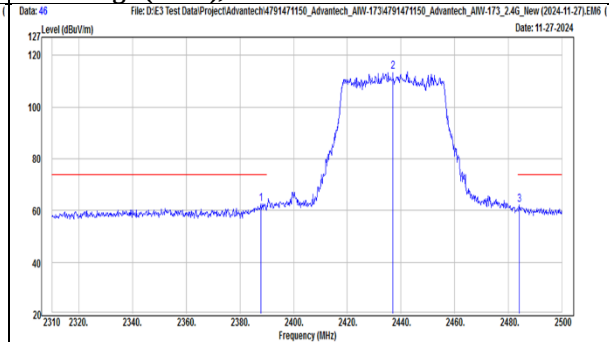
TX, 802.11be(EHT40) (Ch 6)
Band Edge (Average), Vertical



TX, 802.11be(EHT40) (Ch 6)
Band Edge (Peak), Horizontal



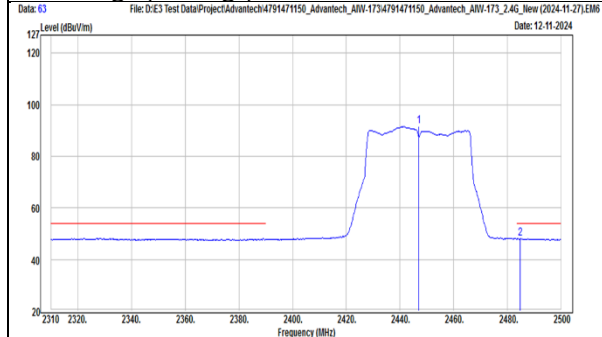
TX, 802.11be(EHT40) (Ch 6)
Band Edge (Peak), Vertical



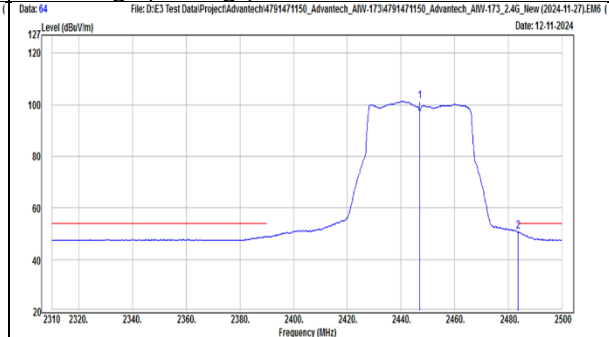
Mode	802.11be(EHT40)	Channel	8
------	-----------------	---------	---

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	2447	81.13	19.21	100.34	N/A	N/A	PK
	@	2447	72.34	19.21	91.55	N/A	N/A	AVG
		2483.66	39.86	19.2	59.06	74	-14.94	PK
		2484.8	28.87	19.2	48.07	54	-5.93	AVG
Vertical	@	2447	91.92	19.21	111.13	N/A	N/A	PK
	@	2447	82.18	19.21	101.39	N/A	N/A	AVG
		2483.66	31.54	19.2	50.74	54	-3.26	AVG
		2484.42	41.92	19.2	61.12	74	-12.88	PK

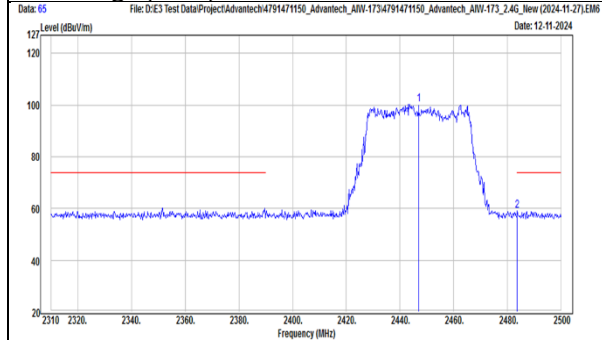
TX, 802.11be(EHT40) (Ch 8)
Band Edge (Average), Horizontal



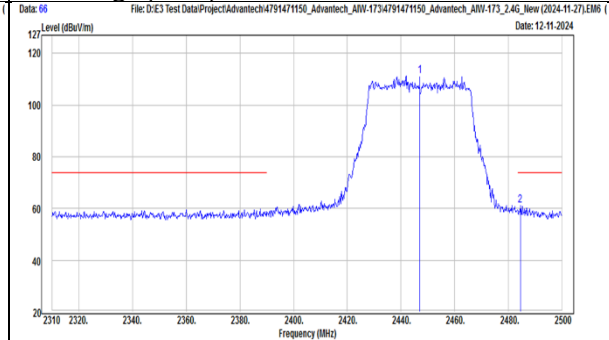
TX, 802.11be(EHT40) (Ch 8)
Band Edge (Average), Vertical



TX, 802.11be(EHT40) (Ch 8)
Band Edge (Peak), Horizontal



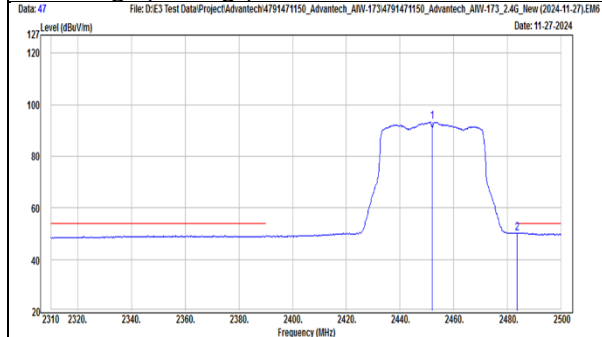
TX, 802.11be(EHT40) (Ch 8)
Band Edge (Peak), Vertical



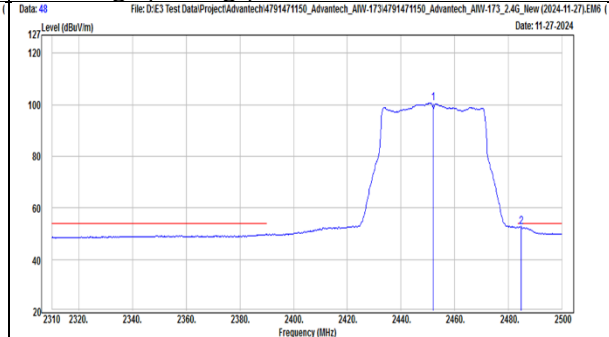
Mode	802.11be(EHT40)	Channel	9
------	-----------------	---------	---

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	2452	80.99	21.11	102.1	N/A	N/A	PK
	@	2452	72.11	21.11	93.22	N/A	N/A	AVG
		2483.66	29	21.24	50.24	54	-3.76	AVG
		2486.51	39.84	21.24	61.08	74	-12.92	PK
Vertical	@	2452	88.35	21.11	109.46	N/A	N/A	PK
	@	2452	79.56	21.11	100.67	N/A	N/A	AVG
		2484.8	31.49	21.24	52.73	54	-1.27	AVG
		2485.94	41.57	21.24	62.81	74	-11.19	PK

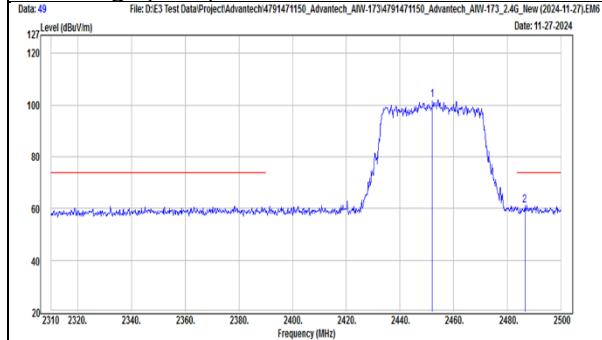
TX, 802.11be(EHT40) (Ch 9)
Band Edge (Average), Horizontal



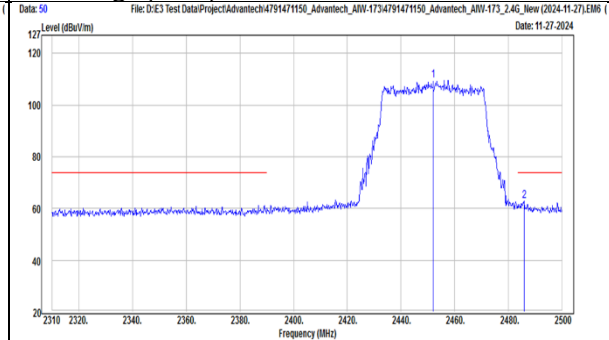
TX, 802.11be(EHT40) (Ch 9)
Band Edge (Average), Vertical



TX, 802.11be(EHT40) (Ch 9)
Band Edge (Peak), Horizontal



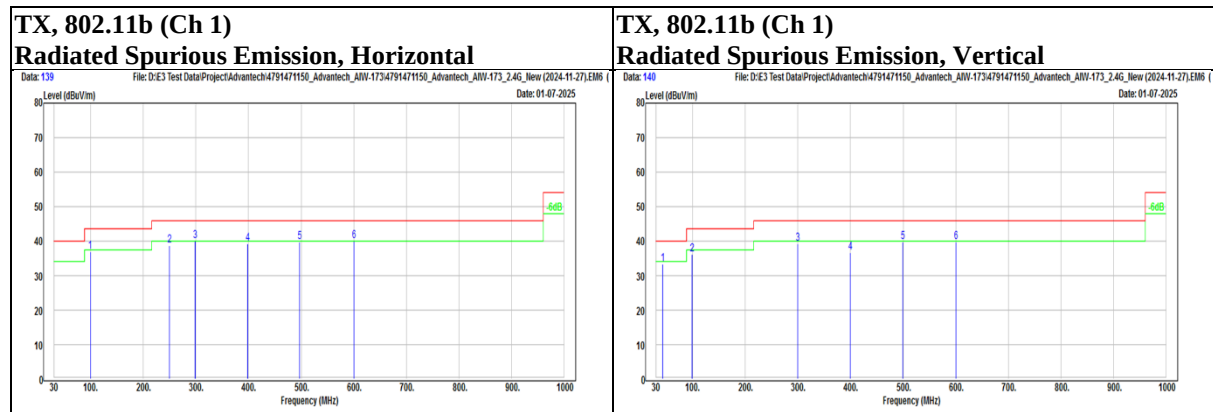
TX, 802.11be(EHT40) (Ch 9)
Band Edge (Peak), Vertical



Below 1 GHz

Mode	802.11b	Channel	1
------	---------	---------	---

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		99.84	53.3	-16.34	36.96	43.5	-6.54	PK
		250.19	51.02	-12.39	38.63	46	-7.37	PK
		298.69	50.44	-10.49	39.95	46	-6.05	PK
		398.6	46.96	-7.63	39.33	46	-6.67	PK
		497.54	44.71	-5.01	39.7	46	-6.3	PK
		600.36	42.35	-2.39	39.96	46	-6.04	PK
Vertical		43.58	46.45	-13.13	33.32	40	-6.68	PK
		98.87	52.81	-16.53	36.28	43.5	-7.22	PK
		299.66	49.63	-10.49	39.14	46	-6.86	PK
		399.57	44.32	-7.63	36.69	46	-9.31	PK
		499.48	44.78	-4.97	39.81	46	-6.19	PK
		600.36	42.21	-2.39	39.82	46	-6.18	PK



Underwriters Laboratories Taiwan Co., Ltd.

Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004737 (DCS:17-EM-F0876) / 6.1

9 kHz ~ 30 MHz Data:

For 9 kHz to 30 MHz radiated emission have performed all modes of operation were investigated. The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

No non-compliance noted:

KDB 414788 D01 OATS and Chamber Correlation Justification

- Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

- OATs and chamber correlation testing had been performed and chamber measured test results is the worst case test result.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

Underwriters Laboratories Taiwan Co., Ltd.

Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004737 (DCS:17-EM-F0876) / 6.1

9.6. AC Power Line Conducted Emission

Requirements

Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Procedures

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.
2. All modes of operation were investigated (includes all external accessories) and the worst-case emissions are reported, the other emission levels were low against the limit.
3. Test data of Result value (dB μ V) = Reading value (dB μ V) + Correction Factor (dB).
4. Test data of Margin(dB) = Result value (dB μ V) - Limit value (dB μ V).
5. Test data of Correction Factor (dB) = Insertion loss(dB) + Cable loss(dB).

Underwriters Laboratories Taiwan Co., Ltd.

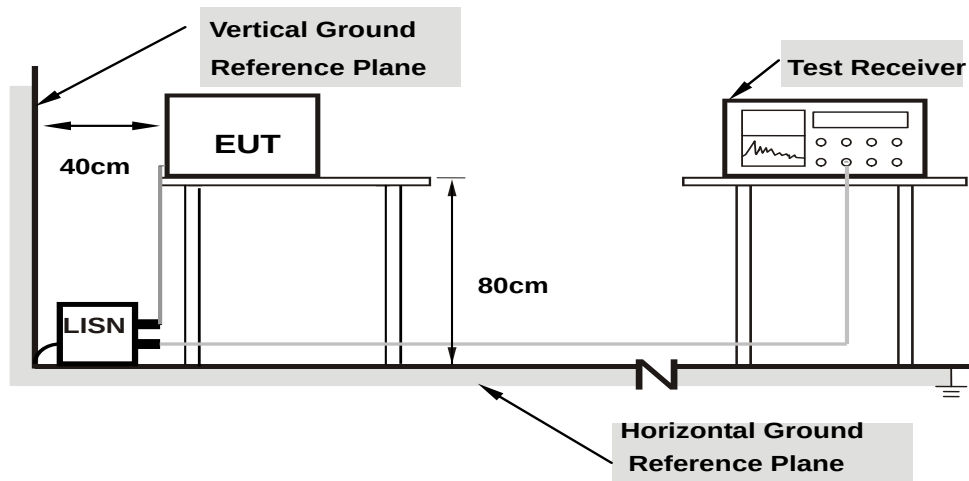
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004737 (DCS:17-EM-F0876) / 6.1

Test Setup

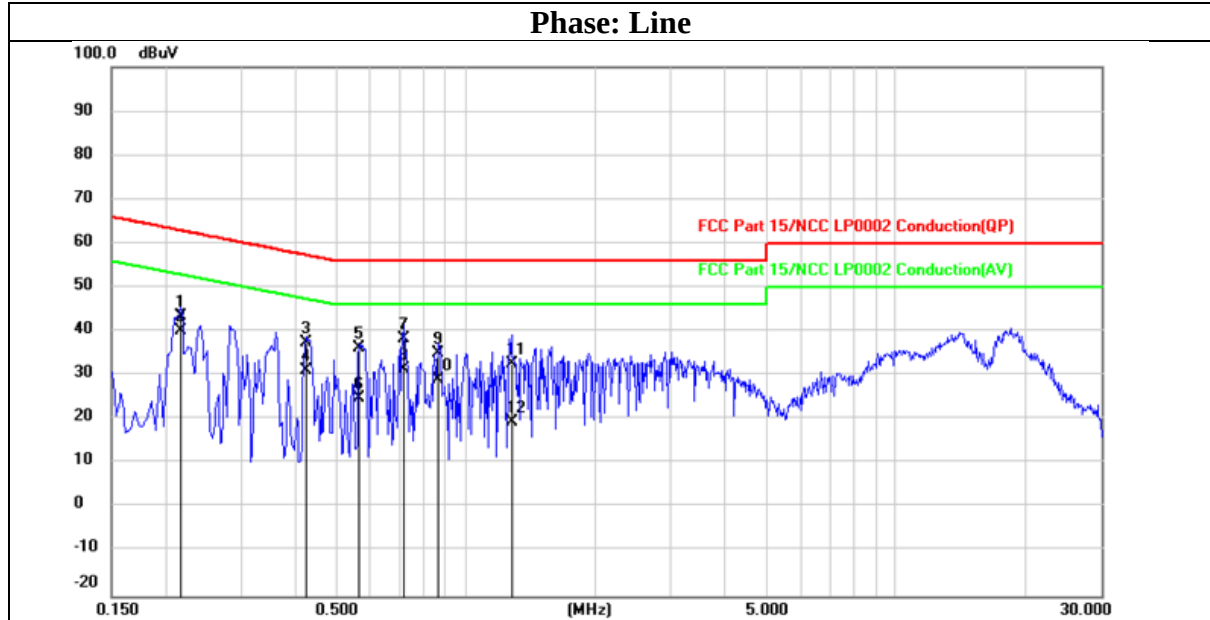


Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the Setup Configurations.

Test Data

Mode	BE20_TX2437	Channel	6
------	-------------	---------	---



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2180	33.36	9.96	43.32	62.89	-19.57	QP
2	0.2180	30.25	9.96	40.21	52.89	-12.68	AVG
3	0.4260	27.57	9.96	37.53	57.33	-19.80	QP
4	0.4260	21.26	9.96	31.22	47.33	-16.11	AVG
5	0.5660	26.34	9.98	36.32	56.00	-19.68	QP
6	0.5660	14.90	9.98	24.88	46.00	-21.12	AVG
7	0.7180	28.42	9.98	38.40	56.00	-17.60	QP
8	0.7180	21.49	9.98	31.47	46.00	-14.53	AVG
9	0.8660	25.00	9.99	34.99	56.00	-21.01	QP
10	0.8660	19.09	9.99	29.08	46.00	-16.92	AVG
11	1.2780	22.56	10.01	32.57	56.00	-23.43	QP
12	1.2780	9.43	10.01	19.44	46.00	-26.56	AVG

Underwriters Laboratories Taiwan Co., Ltd.

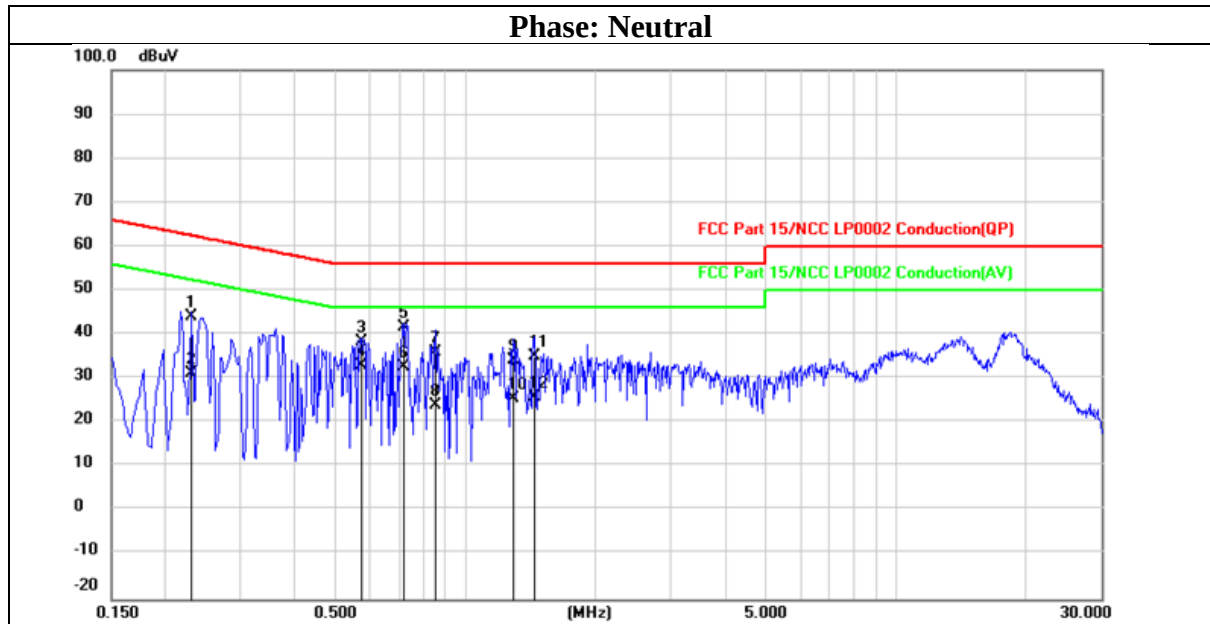
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004737 (DCS:17-EM-F0876) / 6.1

Mode	BE20_TX2437	Channel	6
------	-------------	---------	---



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2300	34.25	9.94	44.19	62.45	-18.26	QP
2	0.2300	21.33	9.94	31.27	52.45	-21.18	AVG
3	0.5740	28.31	9.95	38.26	56.00	-17.74	QP
4	0.5740	23.06	9.95	33.01	46.00	-12.99	AVG
5	0.7180	31.58	9.96	41.54	56.00	-14.46	QP
6	0.7180	22.61	9.96	32.57	46.00	-13.43	AVG
7	0.8500	25.92	9.96	35.88	56.00	-20.12	QP
8	0.8500	13.95	9.96	23.91	46.00	-22.09	AVG
9	1.2900	24.07	9.98	34.05	56.00	-21.95	QP
10	1.2900	15.49	9.98	25.47	46.00	-20.53	AVG
11	1.4420	25.12	9.98	35.10	56.00	-20.90	QP
12	1.4420	15.73	9.98	25.71	46.00	-20.29	AVG

END OF REPORT

Underwriters Laboratories Taiwan Co., Ltd.

Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004737 (DCS:17-EM-F0876) / 6.1