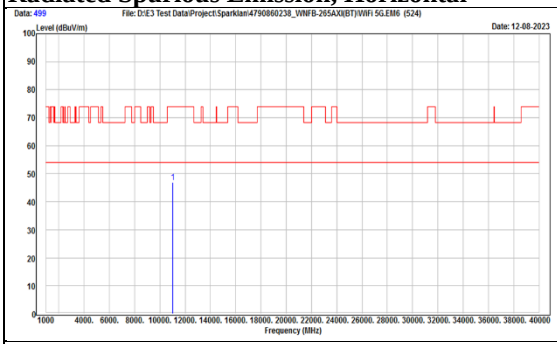
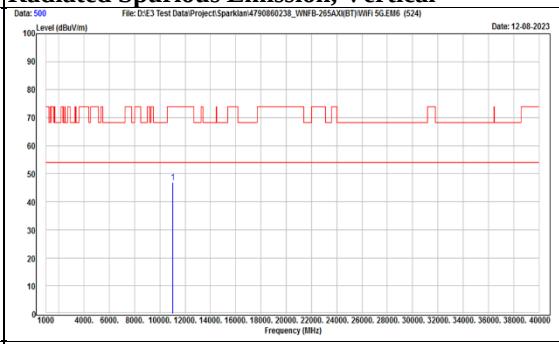
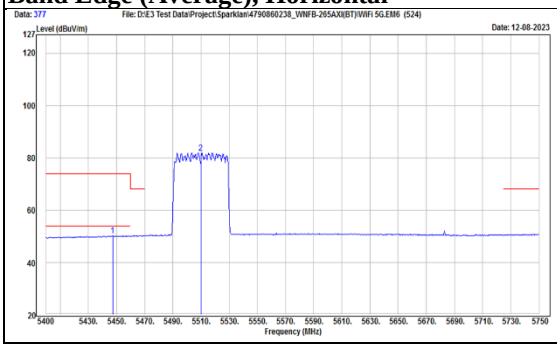
TX, 802.11ax(HE40) (Ch 102)
Radiated Spurious Emission, Horizontal



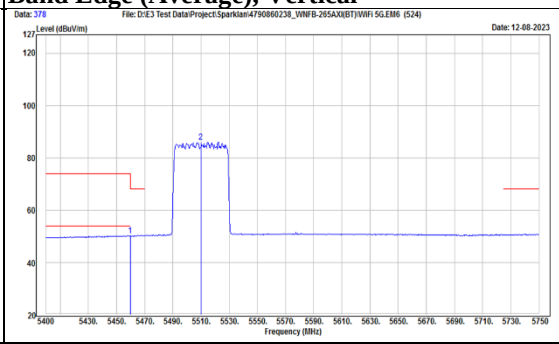
TX, 802.11ax(HE40) (Ch 102)
Radiated Spurious Emission, Vertical



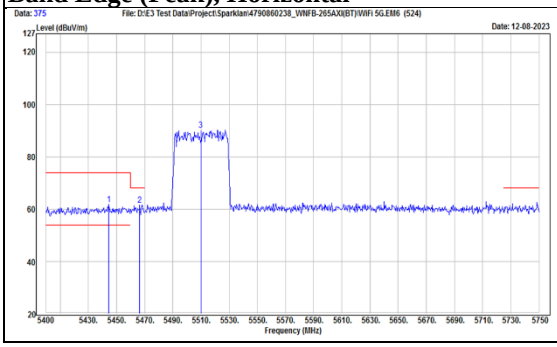
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Average), Horizontal



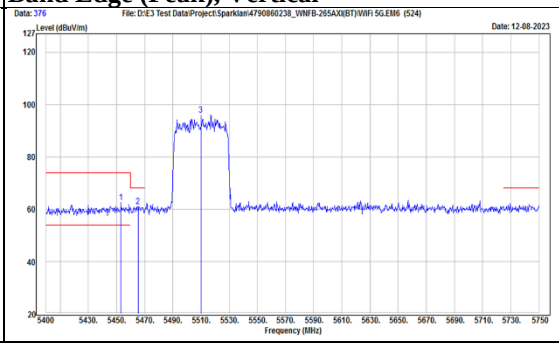
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Average), Vertical



TX, 802.11ax(HE40) (Ch 102)
Band Edge (Peak), Horizontal



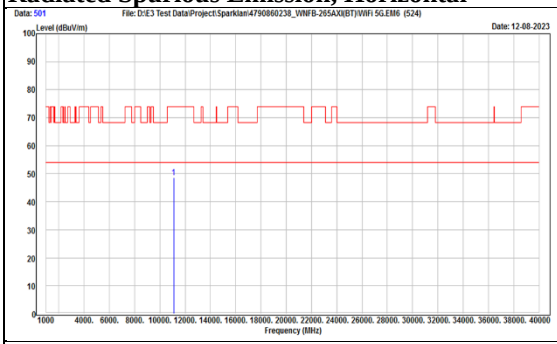
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Peak), Vertical



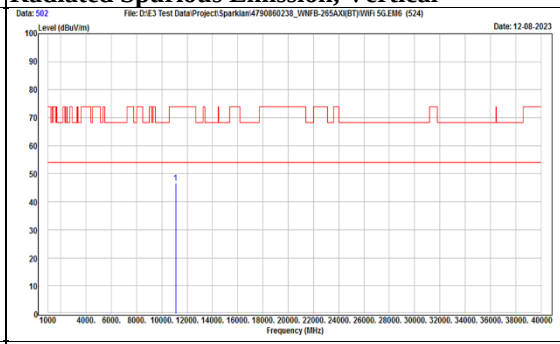
Mode	802.11ax(HE40)	Channel	110

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5454.95	38.57	22.65	61.22	74	-12.78	PK
		5459.85	27.54	22.66	50.2	54	-3.8	AVG
		5469.65	38.94	22.7	61.64	68.2	-6.56	PK
	@	5550	68.29	22.65	90.94	N/A	N/A	PK
	@	5550	58.76	22.65	81.41	N/A	N/A	AVG
		5730.4	40.01	22.73	62.74	68.2	-5.46	PK
	*	11100	32.16	16.41	48.57	74	-25.43	PK
Vertical		5452.5	39.3	22.64	61.94	74	-12.06	PK
		5458.1	27.56	22.66	50.22	54	-3.78	AVG
		5464.75	39.39	22.68	62.07	68.2	-6.13	PK
	@	5550	71.21	22.65	93.86	N/A	N/A	PK
	@	5550	61.43	22.65	84.08	N/A	N/A	AVG
		5726.2	39.64	22.7	62.34	68.2	-5.86	PK
	*	11100	30.3	16.41	46.71	74	-27.29	PK

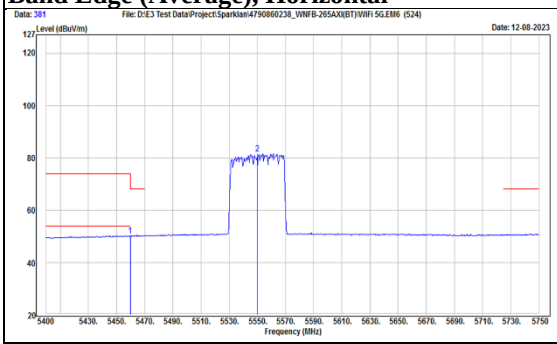
TX, 802.11ax(HE40) (Ch 110)
Radiated Spurious Emission, Horizontal



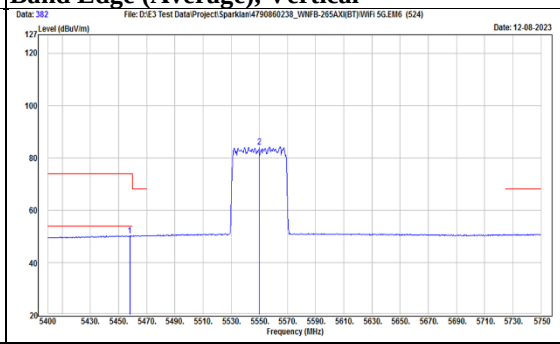
TX, 802.11ax(HE40) (Ch 110)
Radiated Spurious Emission, Vertical



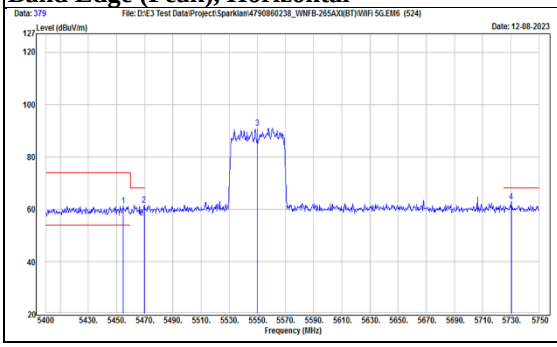
TX, 802.11ax(HE40) (Ch 110)
Band Edge (Average), Horizontal



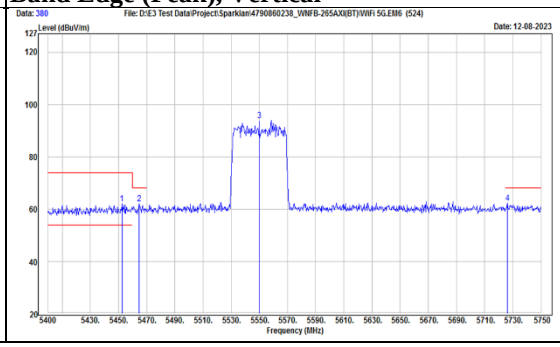
TX, 802.11ax(HE40) (Ch 110)
Band Edge (Average), Vertical



TX, 802.11ax(HE40) (Ch 110)
Band Edge (Peak), Horizontal



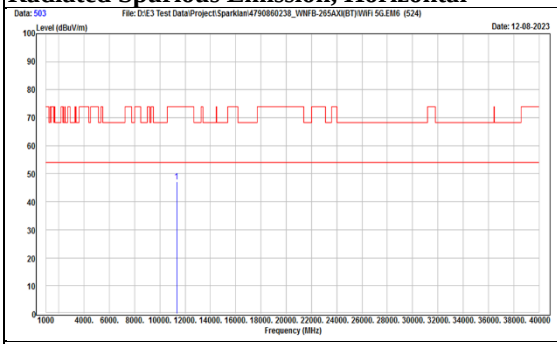
TX, 802.11ax(HE40) (Ch 110)
Band Edge (Peak), Vertical



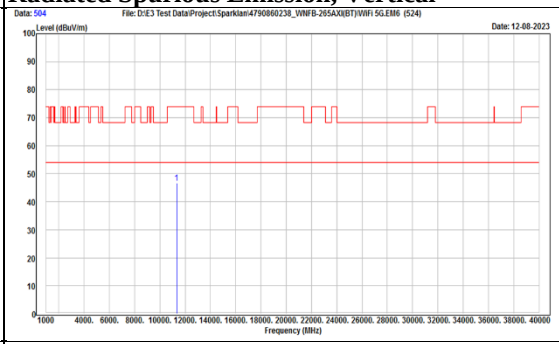
Mode	802.11ax(HE40)	Channel	134

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5442.7	40.48	22.59	63.07	74	-10.93	PK
		5459.15	27.42	22.66	50.08	54	-3.92	AVG
		5464.4	39.53	22.68	62.21	68.2	-5.99	PK
	@	5670	69.07	22.54	91.61	N/A	N/A	PK
	@	5670	57.26	22.54	79.8	N/A	N/A	AVG
		5746.85	39.67	22.89	62.56	68.2	-5.64	PK
	*	11340	29.93	17.12	47.05	74	-26.95	PK
Vertical		5410.15	38.92	22.42	61.34	74	-12.66	PK
		5455.3	27.51	22.65	50.16	54	-3.84	AVG
		5469.65	38.92	22.7	61.62	68.2	-6.58	PK
	@	5670	69.32	22.54	91.86	N/A	N/A	PK
	@	5670	60.25	22.54	82.79	N/A	N/A	AVG
		5748.95	39.62	22.91	62.53	68.2	-5.67	PK
	*	11340	29.55	17.12	46.67	74	-27.33	PK

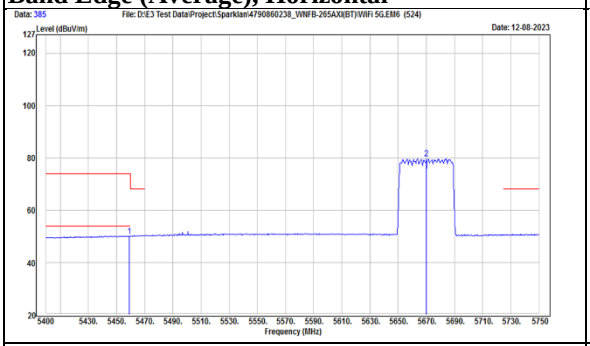
TX, 802.11ax(HE40) (Ch 134)
Radiated Spurious Emission, Horizontal



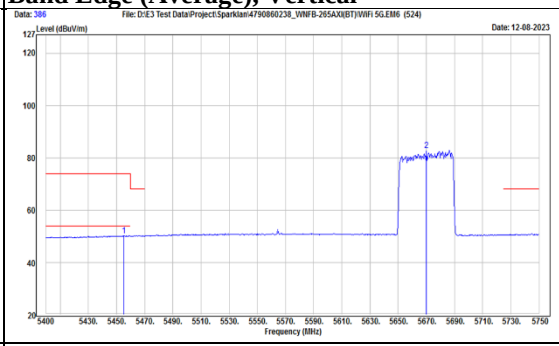
TX, 802.11ax(HE40) (Ch 134)
Radiated Spurious Emission, Vertical



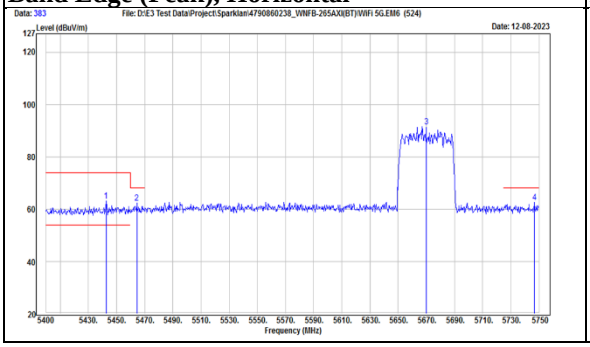
TX, 802.11ax(HE40) (Ch 134)
Band Edge (Average), Horizontal



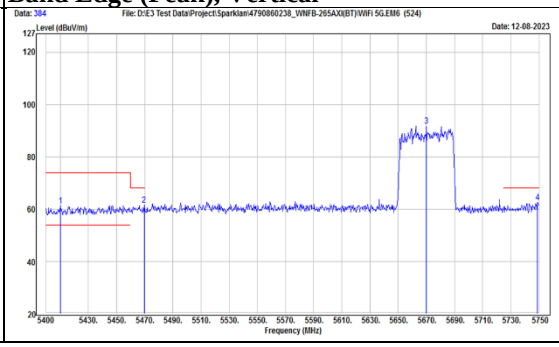
TX, 802.11ax(HE40) (Ch 134)
Band Edge (Average), Vertical



TX, 802.11ax(HE40) (Ch 134)
Band Edge (Peak), Horizontal



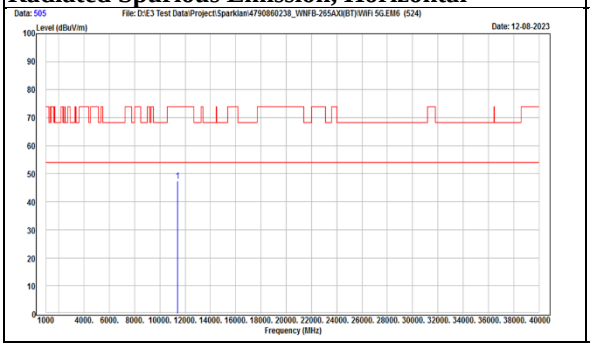
TX, 802.11ax(HE40) (Ch 134)
Band Edge (Peak), Vertical



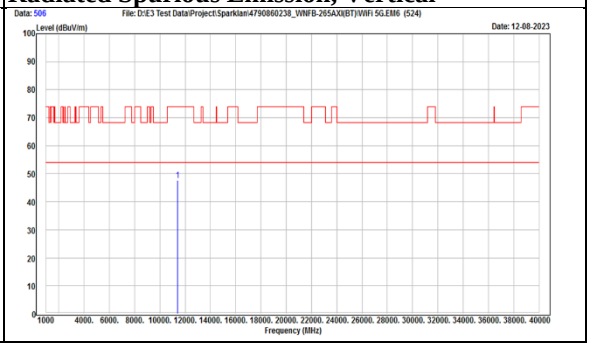
Mode	802.11ax(HE40)	Channel	142

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11420	29.97	17.48	47.45	74	-26.55	PK
Vertical	*	11420	30.08	17.48	47.56	74	-26.44	PK

TX, 802.11ax(HE40) (Ch 142)
Radiated Spurious Emission, Horizontal



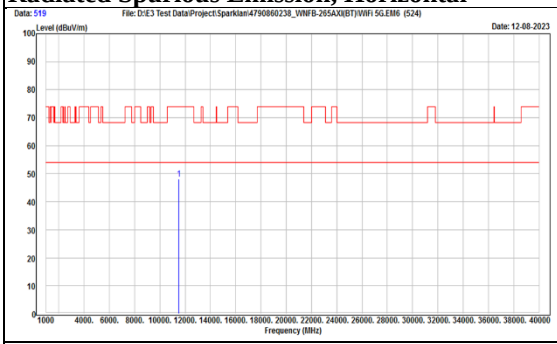
TX, 802.11ax(HE40) (Ch 142)
Radiated Spurious Emission, Vertical



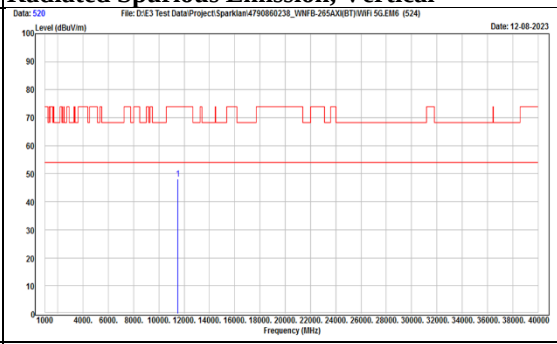
Mode	802.11ax(HE40)	Channel	151

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5645	39.8	22.59	62.39	68.2	-5.81	PK
		5679.5	40.61	22.5	63.11	90.07	-26.96	PK
	@	5755	68.48	22.96	91.44	N/A	N/A	PK
	*	11510	30.72	17.48	48.2	74	-25.8	PK
Vertical		5572.5	40.04	22.65	62.69	68.2	-5.51	PK
		5689.5	38.94	22.48	61.42	97.46	-36.04	PK
	@	5755	71.57	22.96	94.53	N/A	N/A	PK
	*	11510	30.75	17.48	48.23	74	-25.77	PK

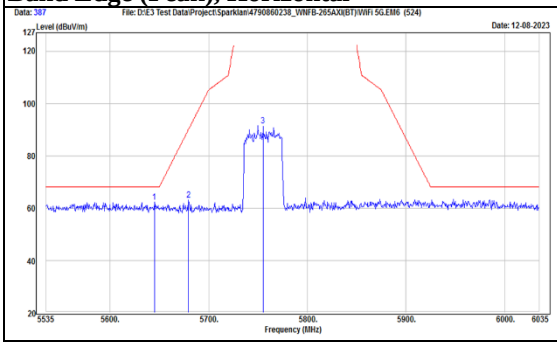
TX, 802.11ax(HE40) (Ch 151)
Radiated Spurious Emission, Horizontal



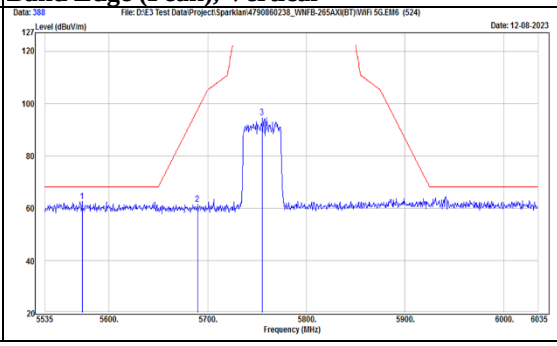
TX, 802.11ax(HE40) (Ch 151)
Radiated Spurious Emission, Vertical



TX, 802.11ax(HE40) (Ch 151)
Band Edge (Peak), Horizontal



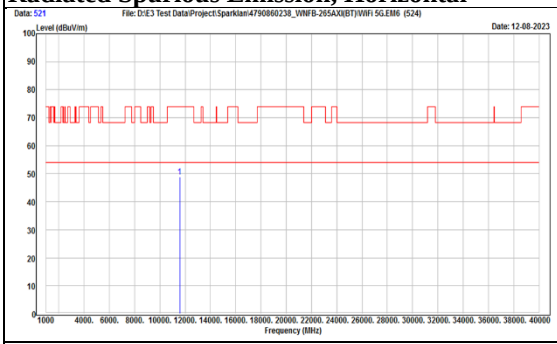
TX, 802.11ax(HE40) (Ch 151)
Band Edge (Peak), Vertical



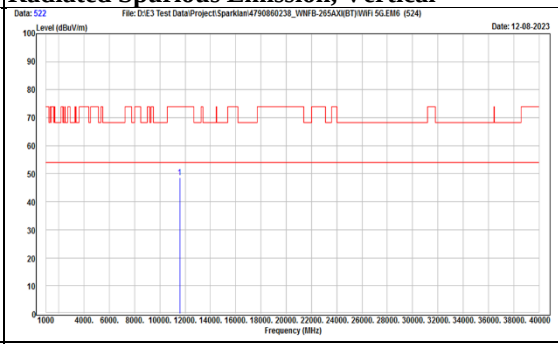
Mode	802.11ax(HE40)	Channel	159

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5795	68.52	23.34	91.86	N/A	N/A	PK
		5918	40.05	23.83	63.88	73.36	-9.48	PK
		5938	40.29	23.86	64.15	68.2	-4.05	PK
	*	11590	30.98	17.88	48.86	74	-25.14	PK
Vertical	@	5795	72.2	23.34	95.54	N/A	N/A	PK
		5920.5	41.03	23.83	64.86	71.52	-6.66	PK
		5925	39.7	23.84	63.54	68.2	-4.66	PK
	*	11590	30.78	17.88	48.66	74	-25.34	PK

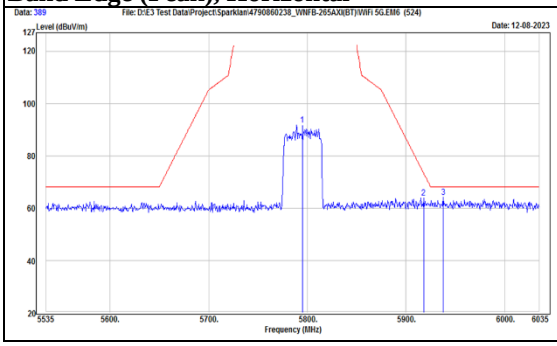
TX, 802.11ax(HE40) (Ch 159)
Radiated Spurious Emission, Horizontal



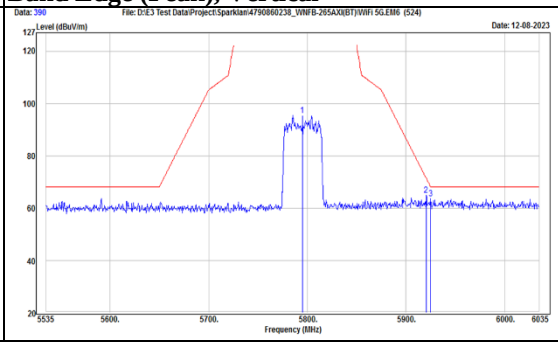
TX, 802.11ax(HE40) (Ch 159)
Radiated Spurious Emission, Vertical



TX, 802.11ax(HE40) (Ch 159)
Band Edge (Peak), Horizontal



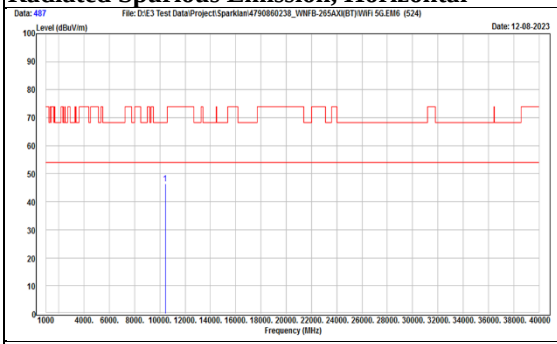
TX, 802.11ax(HE40) (Ch 159)
Band Edge (Peak), Vertical



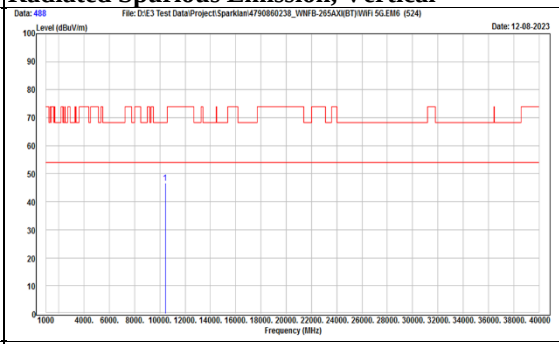
Mode	802.11ax(HE80)	Channel	42

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5034.3	30.62	21.49	52.11	54	-1.89	AVG
		5067.55	42.04	21.6	63.64	74	-10.36	PK
	@	5210	67.42	21.97	89.39	N/A	N/A	PK
	@	5210	57.75	21.97	79.72	N/A	N/A	AVG
	*	10420	30.84	15.64	46.48	68.2	-21.72	PK
Vertical		5000	30.74	21.38	52.12	54	-1.88	AVG
		5071.75	41.43	21.61	63.04	74	-10.96	PK
	@	5210	71.52	21.97	93.49	N/A	N/A	PK
	@	5210	62.39	21.97	84.36	N/A	N/A	AVG
	*	10420	30.98	15.64	46.62	68.2	-21.58	PK

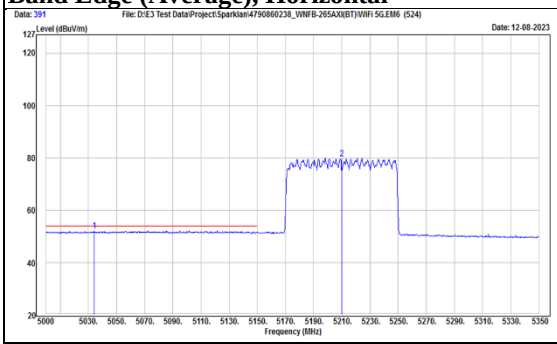
TX, 802.11ax(HE80) (Ch 42)
Radiated Spurious Emission, Horizontal



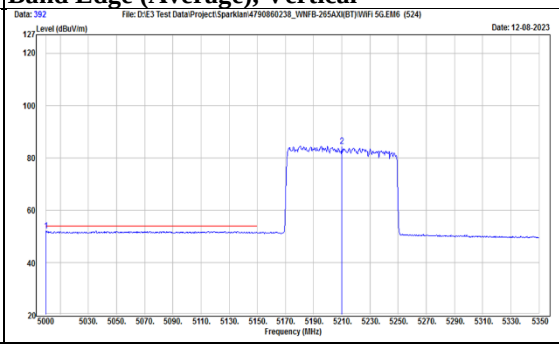
TX, 802.11ax(HE80) (Ch 42)
Radiated Spurious Emission, Vertical



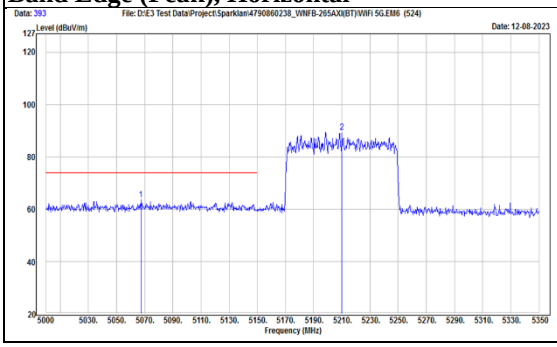
TX, 802.11ax(HE80) (Ch 42)
Band Edge (Average), Horizontal



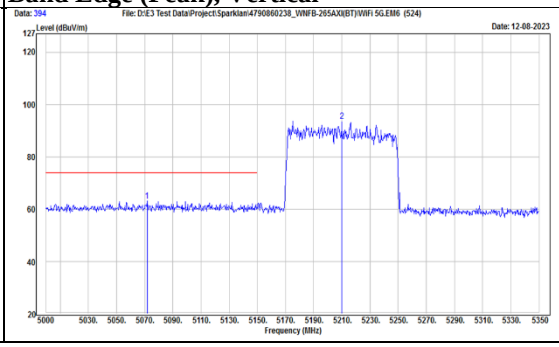
TX, 802.11ax(HE80) (Ch 42)
Band Edge (Average), Vertical



TX, 802.11ax(HE80) (Ch 42)
Band Edge (Peak), Horizontal



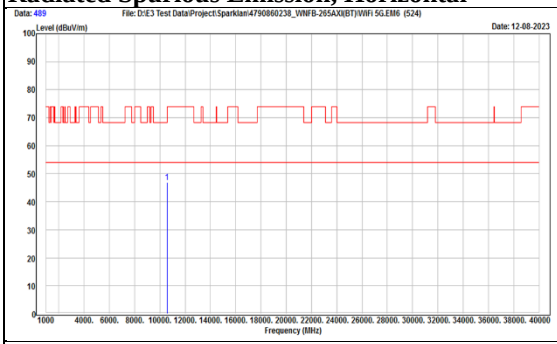
TX, 802.11ax(HE80) (Ch 42)
Band Edge (Peak), Vertical



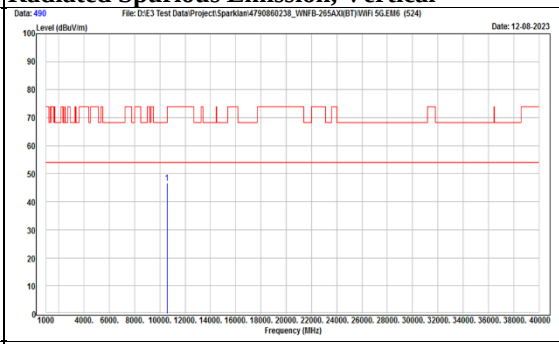
Mode	802.11ax(HE80)	Channel	58

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5290	67.51	22.06	89.57	N/A	N/A	PK
	@	5290	58.78	22.06	80.84	N/A	N/A	AVG
		5419.8	39.12	22.48	61.6	74	-12.4	PK
		5459.1	28.28	22.66	50.94	54	-3.06	AVG
	*	10580	31.08	15.84	46.92	68.2	-21.28	PK
Vertical	@	5290	68.66	22.06	90.72	N/A	N/A	PK
	@	5290	59.58	22.06	81.64	N/A	N/A	AVG
		5443.8	39.09	22.6	61.69	74	-12.31	PK
		5459.1	28.28	22.66	50.94	54	-3.06	AVG
	*	10580	30.75	15.84	46.59	68.2	-21.61	PK

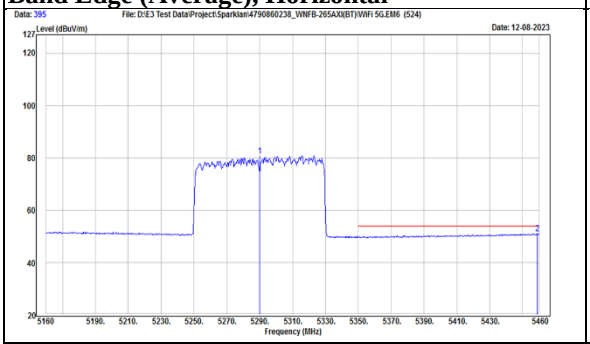
TX, 802.11ax(HE80) (Ch 58)
Radiated Spurious Emission, Horizontal



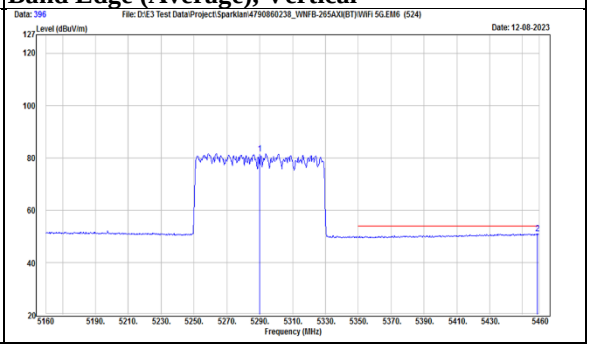
TX, 802.11ax(HE80) (Ch 58)
Radiated Spurious Emission, Vertical



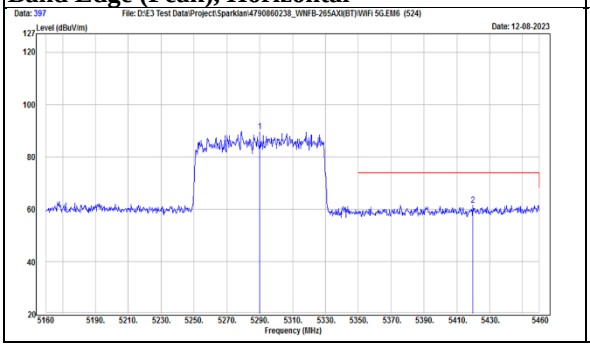
TX, 802.11ax(HE80) (Ch 58)
Band Edge (Average), Horizontal



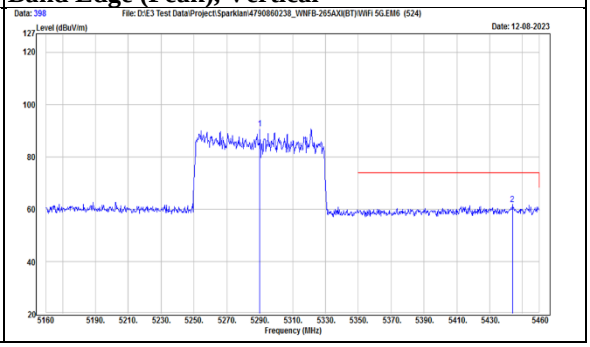
TX, 802.11ax(HE80) (Ch 58)
Band Edge (Average), Vertical



TX, 802.11ax(HE80) (Ch 58)
Band Edge (Peak), Horizontal



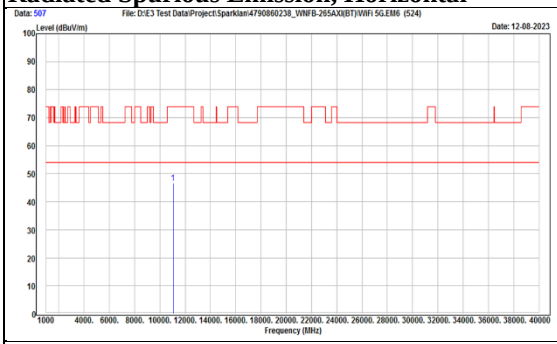
TX, 802.11ax(HE80) (Ch 58)
Band Edge (Peak), Vertical



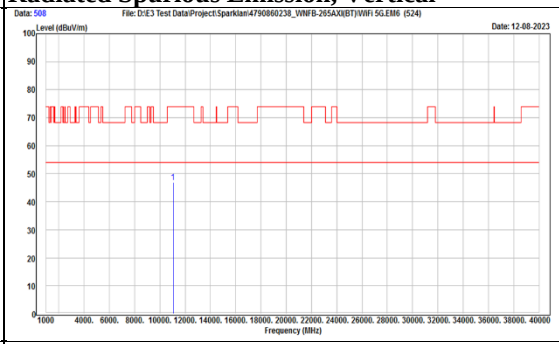
Mode	802.11ax(HE80)	Channel	106

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5446.9	39.5	22.61	62.11	74	-11.89	PK
		5459.5	28.22	22.66	50.88	54	-3.12	AVG
		5461.95	40.16	22.67	62.83	68.2	-5.37	PK
	@	5530	64.83	22.71	87.54	N/A	N/A	PK
	@	5530	57.5	22.71	80.21	N/A	N/A	AVG
	*	11060	30.39	16.28	46.67	74	-27.33	PK
Vertical		5431.15	28.39	22.53	50.92	54	-3.08	AVG
		5444.45	39.21	22.6	61.81	74	-12.19	PK
		5462.65	38.74	22.68	61.42	68.2	-6.78	PK
	@	5530	70.53	22.71	93.24	N/A	N/A	PK
	@	5530	60.42	22.71	83.13	N/A	N/A	AVG
	*	11060	30.7	16.28	46.98	74	-27.02	PK

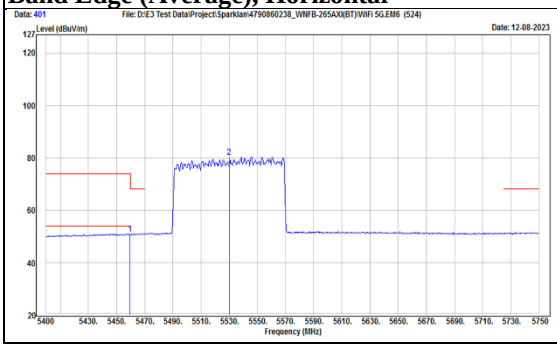
TX, 802.11ax(HE80) (Ch 106)
Radiated Spurious Emission, Horizontal



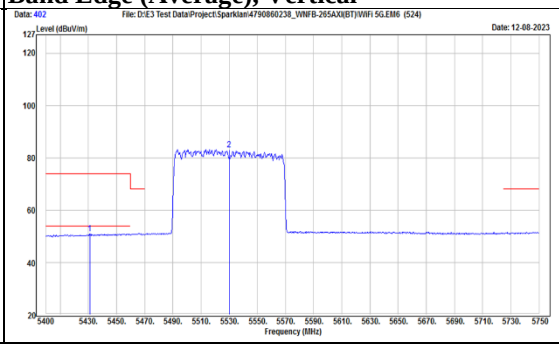
TX, 802.11ax(HE80) (Ch 106)
Radiated Spurious Emission, Vertical



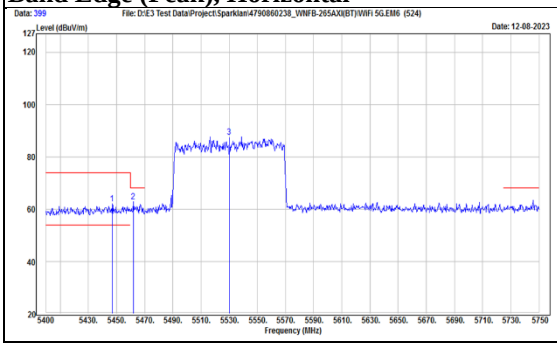
TX, 802.11ax(HE80) (Ch 106)
Band Edge (Average), Horizontal



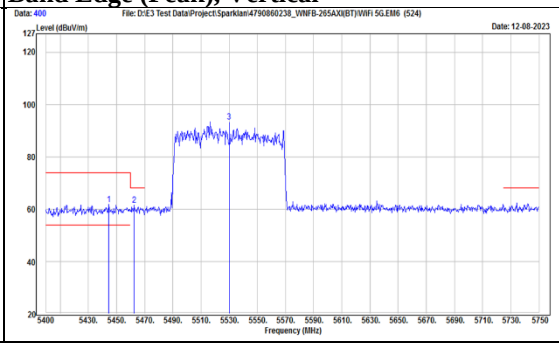
TX, 802.11ax(HE80) (Ch 106)
Band Edge (Average), Vertical



TX, 802.11ax(HE80) (Ch 106)
Band Edge (Peak), Horizontal



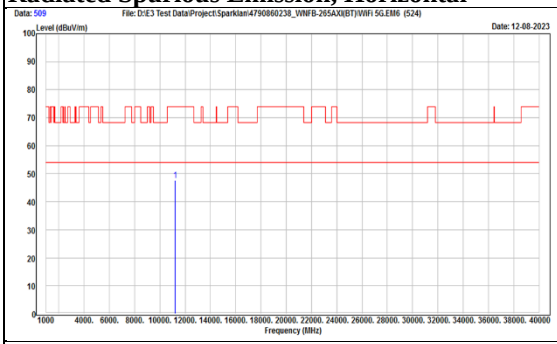
TX, 802.11ax(HE80) (Ch 106)
Band Edge (Peak), Vertical



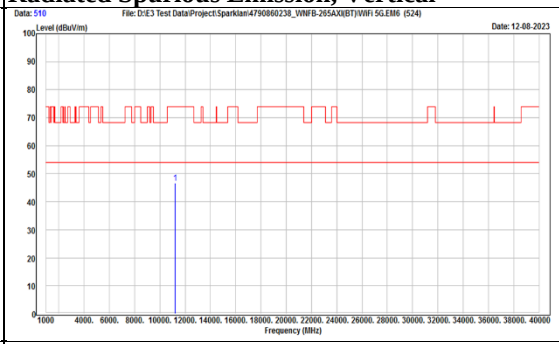
Mode	802.11ax(HE80)	Channel	122

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5407	38.78	22.41	61.19	74	-12.81	PK
		5448.3	28.37	22.62	50.99	54	-3.01	AVG
		5466.15	38.29	22.68	60.97	68.2	-7.23	PK
	@	5610	65.52	22.61	88.13	N/A	N/A	PK
	@	5610	56.48	22.61	79.09	N/A	N/A	AVG
		5740.2	39.09	22.83	61.92	68.2	-6.28	PK
	*	11220	30.9	16.85	47.75	74	-26.25	PK
Vertical		5445.5	39.44	22.6	62.04	74	-11.96	PK
		5445.85	28.24	22.6	50.84	54	-3.16	AVG
		5461.25	38.7	22.67	61.37	68.2	-6.83	PK
	@	5610	65.61	22.61	88.22	N/A	N/A	PK
	@	5610	56.07	22.61	78.68	N/A	N/A	AVG
		5740.2	40.41	22.83	63.24	68.2	-4.96	PK
	*	11220	29.71	16.85	46.56	74	-27.44	PK

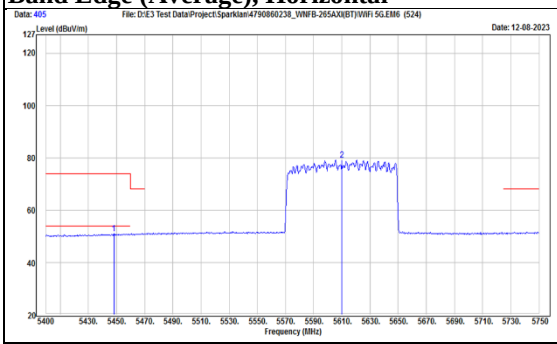
TX, 802.11ax(HE80) (Ch 122)
Radiated Spurious Emission, Horizontal



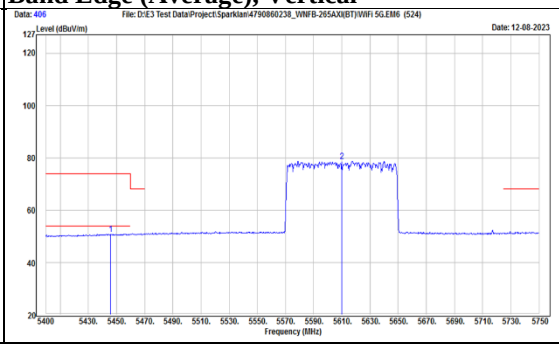
TX, 802.11ax(HE80) (Ch 122)
Radiated Spurious Emission, Vertical



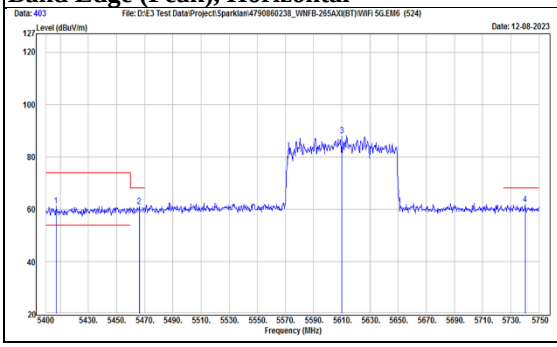
TX, 802.11ax(HE80) (Ch 122)
Band Edge (Average), Horizontal



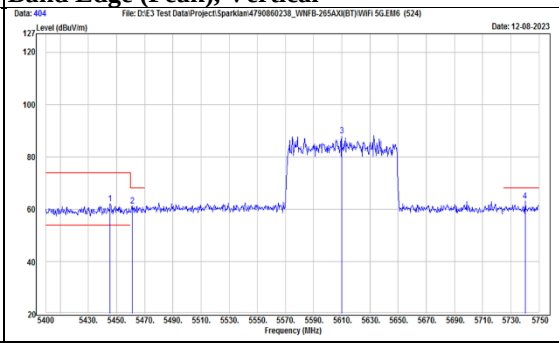
TX, 802.11ax(HE80) (Ch 122)
Band Edge (Average), Vertical



TX, 802.11ax(HE80) (Ch 122)
Band Edge (Peak), Horizontal



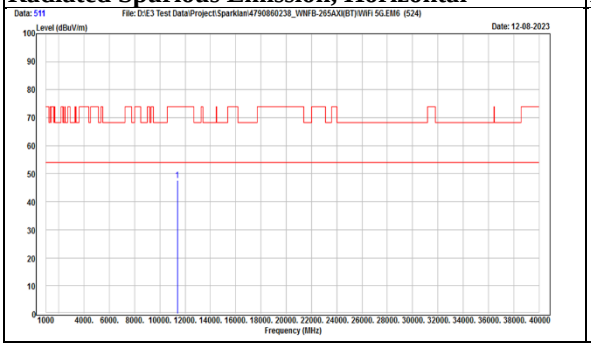
TX, 802.11ax(HE80) (Ch 122)
Band Edge (Peak), Vertical



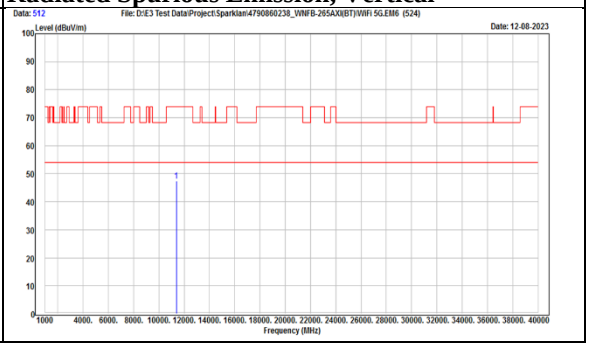
Mode	802.11ax(HE80)	Channel	138

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11380	30.32	17.37	47.69	74	-26.31	PK
Vertical	*	11380	29.94	17.37	47.31	74	-26.69	PK

TX, 802.11ax(HE80) (Ch 138)
Radiated Spurious Emission, Horizontal



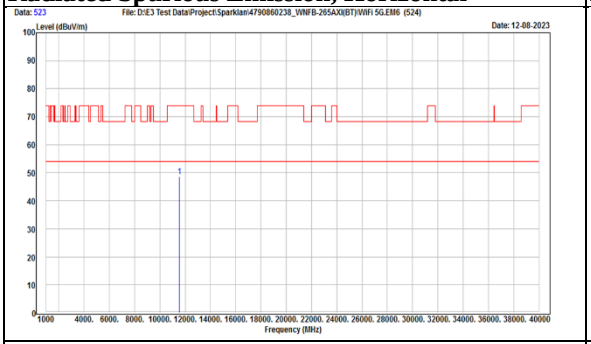
TX, 802.11ax(HE80) (Ch 138)
Radiated Spurious Emission, Vertical



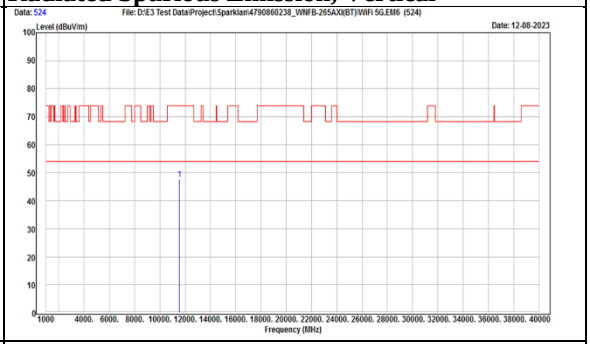
Mode	802.11ax(HE80)	Channel	155

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5535	39.75	22.7	62.45	68.2	-5.75	PK
		5698.5	39.52	22.46	61.98	104.09	-42.11	PK
	@	5775	65.37	23.15	88.52	N/A	N/A	PK
		5881.5	40.62	23.6	64.22	100.37	-36.15	PK
		5988.5	39.91	23.68	63.59	68.2	-4.61	PK
	*	11550	30.91	17.68	48.59	74	-25.41	PK
Vertical		5596	39.91	22.63	62.54	68.2	-5.66	PK
		5678.5	39.61	22.52	62.13	89.33	-27.2	PK
	@	5775	69.83	23.15	92.98	N/A	N/A	PK
		5922	39.41	23.83	63.24	70.41	-7.17	PK
		6004	40.35	23.63	63.98	68.2	-4.22	PK
	*	11550	30.11	17.68	47.79	74	-26.21	PK

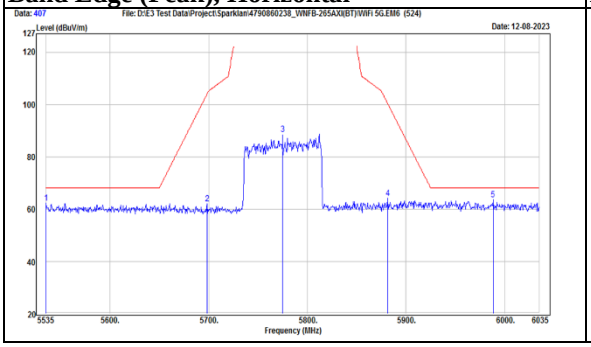
TX, 802.11ax(HE80) (Ch 155)
Radiated Spurious Emission, Horizontal



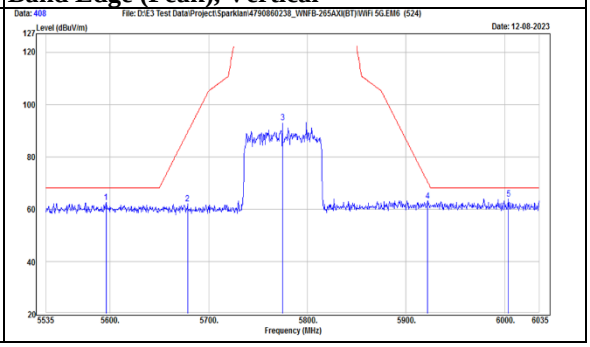
TX, 802.11ax(HE80) (Ch 155)
Radiated Spurious Emission, Vertical



TX, 802.11ax(HE80) (Ch 155)
Band Edge (Peak), Horizontal



TX, 802.11ax(HE80) (Ch 155)
Band Edge (Peak), Vertical

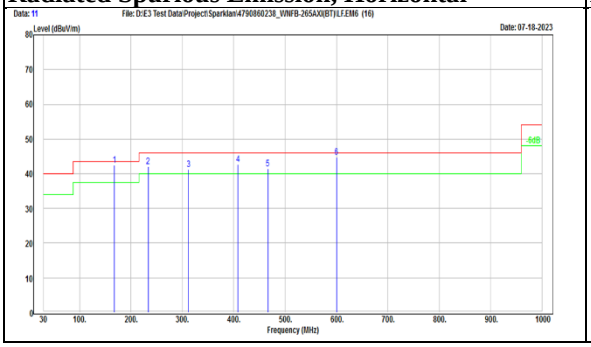


Below 1 GHz

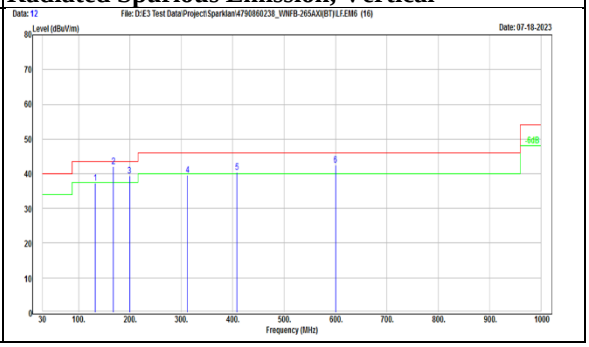
Mode	802.11ax(HE80)	Channel	58

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		167.74	54.24	-11.85	42.39	43.5	-1.11	PK
		233.7	55.5	-13.37	42.13	46	-3.87	PK
		312.27	51.41	-10.24	41.17	46	-4.83	PK
		408.3	50.25	-7.63	42.62	46	-3.38	PK
		466.5	47.1	-5.65	41.45	46	-4.55	PK
		600.36	47.08	-2.38	44.7	46	-1.3	PK
Vertical		132.82	50.84	-13.55	37.29	43.5	-6.21	PK
		167.74	53.84	-11.85	41.99	43.5	-1.51	PK
		199.75	54.22	-14.81	39.41	43.5	-4.09	PK
		312.27	49.93	-10.24	39.69	46	-6.31	PK
		408.3	48.12	-7.63	40.49	46	-5.51	PK
		600.36	44.97	-2.38	42.59	46	-3.41	PK

TX, 802.11ax(HE80) (Ch 58)
Radiated Spurious Emission, Horizontal



TX, 802.11ax(HE80) (Ch 58)
Radiated Spurious Emission, Vertical



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.

END OF REPORT