

Mode	802.11ax(HE40)	Channel	102
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5459.85	39.57	19.64	59.21	74	-14.79	PK
		5459.85	31.33	19.64	50.97	54	-3.03	AVG
		5468.95	43.63	19.65	63.28	68.2	-4.92	PK
	@	5510	82.71	19.66	102.37	N/A	N/A	PK
	@	5510	75.98	19.66	95.64	N/A	N/A	AVG
	*	11020	30.51	17.97	48.48	74	-25.52	PK
Vertical		5455.65	39.74	19.63	59.37	74	-14.63	PK
		5459.85	29.69	19.64	49.33	54	-4.67	AVG
		5465.45	44.45	19.65	64.1	68.2	-4.1	PK
	@	5510	83.1	19.66	102.76	N/A	N/A	PK
	@	5510	74.71	19.66	94.37	N/A	N/A	AVG
	*	11020	29.67	17.97	47.64	74	-26.36	PK

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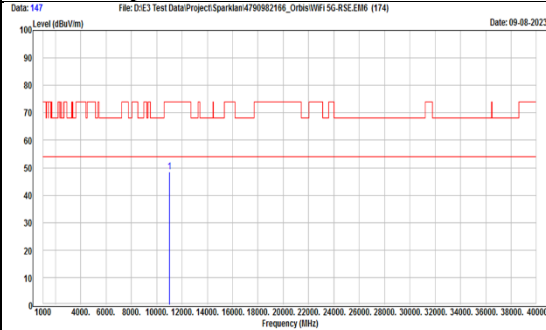
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

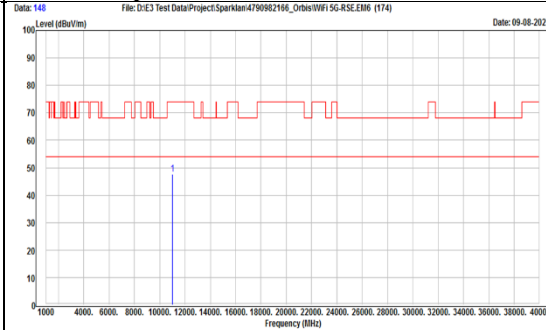
Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

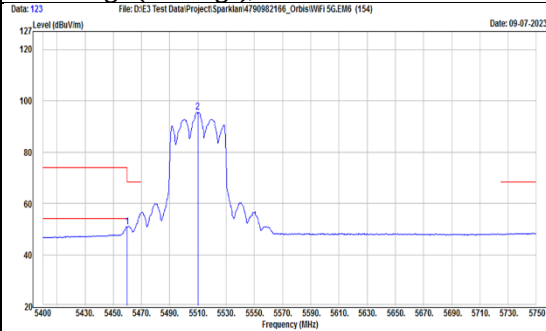
TX, 802.11ax(HE40) (Ch 102)
Radiated Spurious Emission, Horizontal



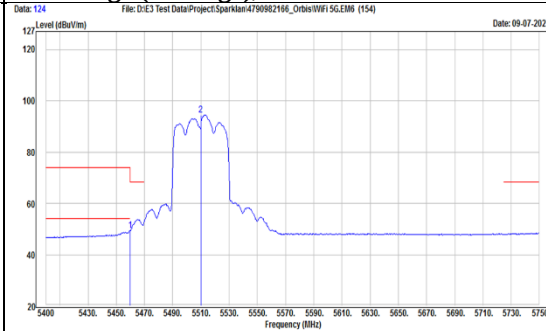
TX, 802.11ax(HE40) (Ch 102)
Radiated Spurious Emission, Vertical



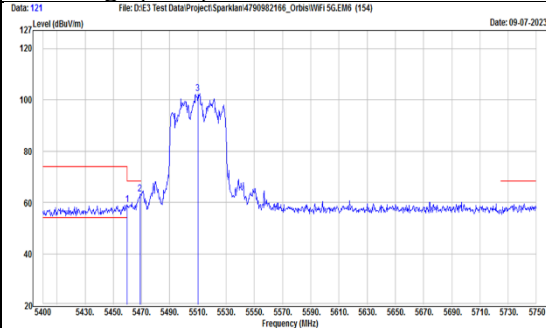
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Average), Horizontal



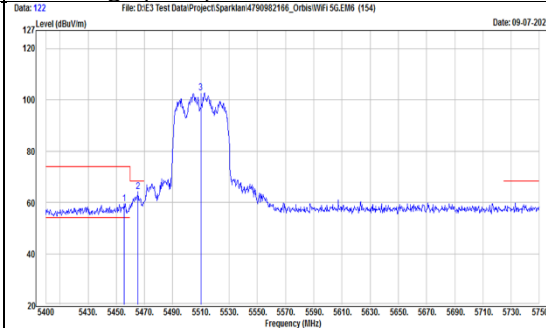
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Average), Vertical



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



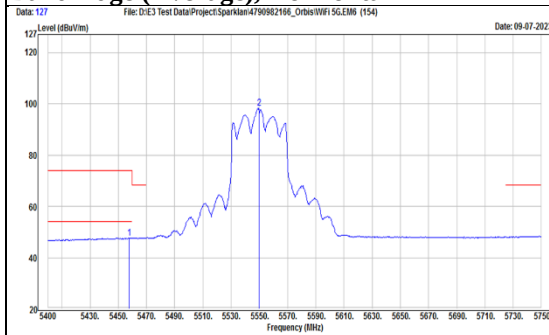
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Peak), Vertical



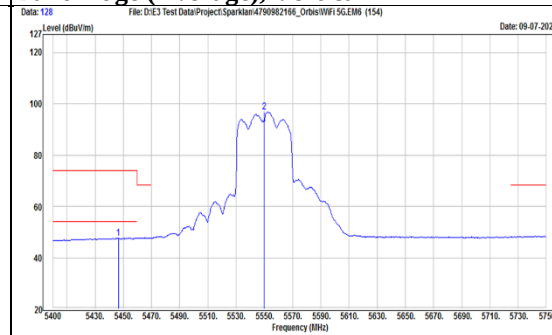
Mode	802.11ax(HE40)	Channel	110
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5445.5	39.52	19.58	59.1	74	-14.9	PK
		5457.75	27.93	19.63	47.56	54	-6.44	AVG
		5466.5	38.49	19.65	58.14	68.2	-10.06	PK
	@	5550	85.7	19.54	105.24	N/A	N/A	PK
	@	5550	78.61	19.54	98.15	N/A	N/A	AVG
		5736	40.07	19.93	60	68.2	-8.2	PK
Vertical		5419.95	40.12	19.35	59.47	74	-14.53	PK
		5446.55	28.09	19.59	47.68	54	-6.32	AVG
		5467.55	37.97	19.65	57.62	68.2	-10.58	PK
	@	5550	85.71	19.54	105.25	N/A	N/A	PK
	@	5550	77.13	19.54	96.67	N/A	N/A	AVG
		5736	39.64	19.93	59.57	68.2	-8.63	PK

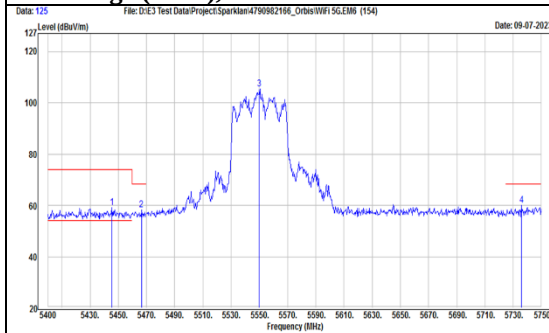
TX, 802.11ax(HE40) (Ch 110)
Band Edge (Average), Horizontal



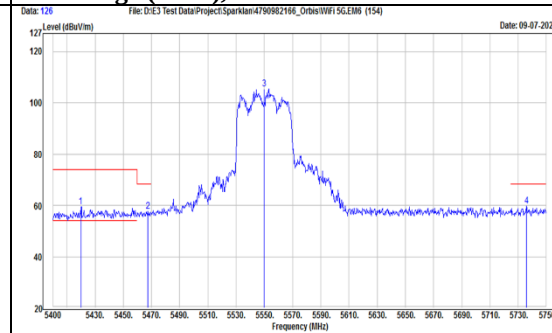
TX, 802.11ax(HE40) (Ch 110)
Band Edge (Average), Vertical



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
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5414	39.91	19.29	59.2	74	-14.8	PK
		5455.3	27.93	19.63	47.56	54	-6.44	AVG
		5466.85	38.85	19.65	58.5	68.2	-9.7	PK
	@	5670	85.5	19.63	105.13	N/A	N/A	PK
	@	5670	75.97	19.63	95.6	N/A	N/A	AVG
		5730.4	40.18	19.87	60.05	68.2	-8.15	PK
	*	11340	28.71	18.26	46.97	74	-27.03	PK
Vertical		5438.85	39.61	19.52	59.13	74	-14.87	PK
		5449.7	27.92	19.62	47.54	54	-6.46	AVG
		5470	38.8	19.65	58.45	68.2	-9.75	PK
	@	5670	83.1	19.63	102.73	N/A	N/A	PK
	@	5670	75.5	19.63	95.13	N/A	N/A	AVG
		5725.5	40.83	19.83	60.66	68.2	-7.54	PK
	*	11340	29.49	18.26	47.75	74	-26.25	PK

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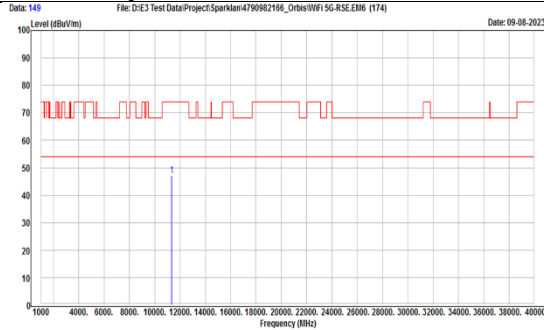
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

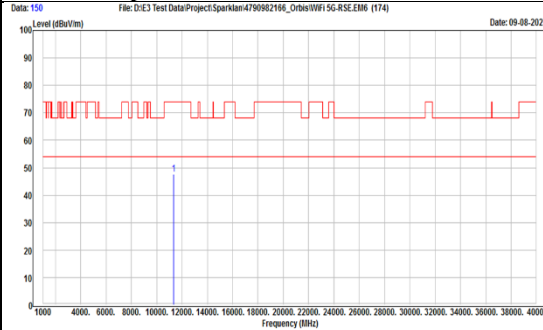
Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

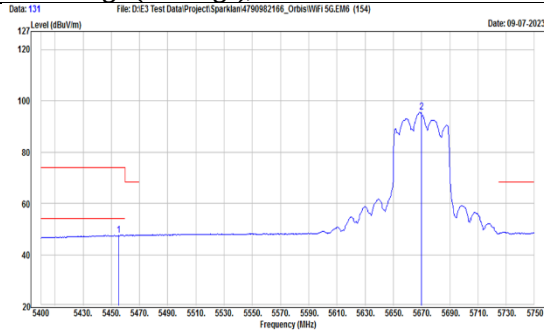
TX, 802.11ax(HE40) (Ch 134)
Radiated Spurious Emission, Horizontal



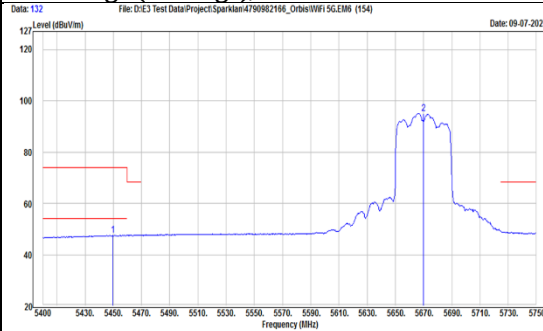
TX, 802.11ax(HE40) (Ch 134)
Radiated Spurious Emission, Vertical



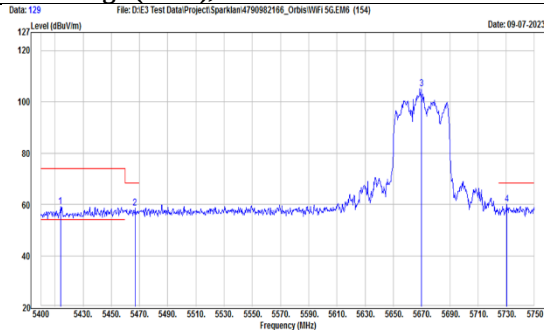
TX, 802.11ax(HE40) (Ch 134)
Band Edge (Average), Horizontal



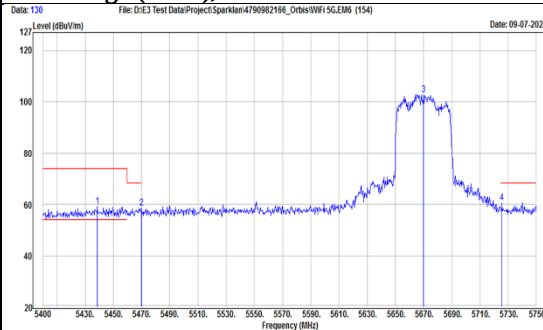
TX, 802.11ax(HE40) (Ch 134)
Band Edge (Average), Vertical



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

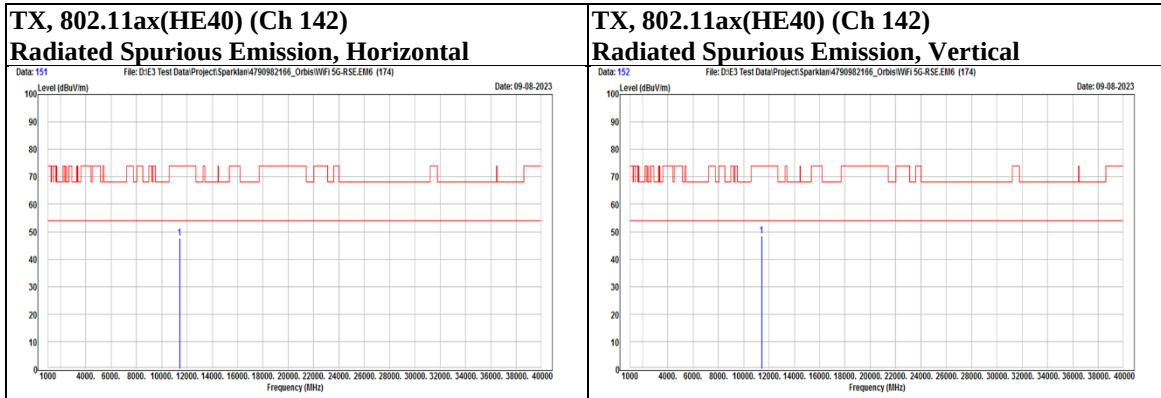


TX, 802.11ax(HE40) (Ch 134)
Band Edge (Peak), Vertical



Mode	802.11ax(HE40)	Channel	142
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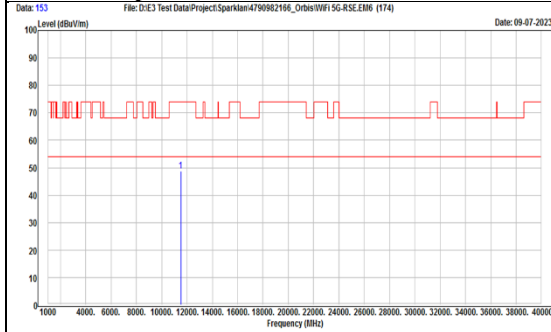
Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11420	29.01	18.55	47.56	74	-26.44	PK
Vertical	*	11420	29.86	18.55	48.41	74	-25.59	PK



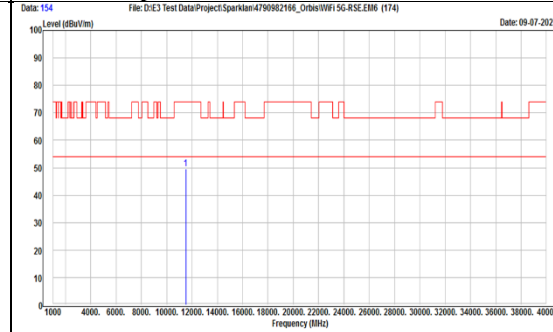
Mode	802.11ax(HE40)	Channel	151
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5617.5	41	19.61	60.61	68.2	-7.59	PK
		5693	42.32	19.6	61.92	100.04	-38.12	PK
	@	5755	83.01	20.09	103.1	N/A	N/A	PK
	*	11510	29.8	18.87	48.67	74	-25.33	PK
Vertical		5624	40.39	19.62	60.01	68.2	-8.19	PK
		5699	42.9	19.6	62.5	104.46	-41.96	PK
	@	5755	85.06	20.09	105.15	N/A	N/A	PK
	*	11510	30.58	18.87	49.45	74	-24.55	PK

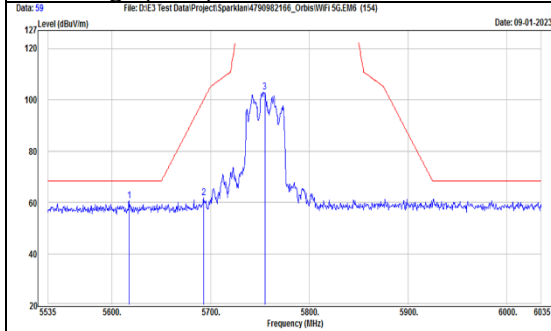
TX, 802.11ax(HE40) (Ch 151)
Radiated Spurious Emission, Horizontal



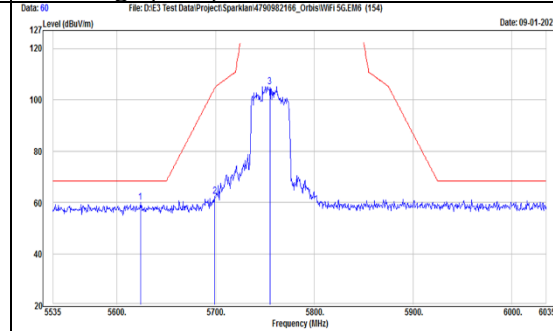
TX, 802.11ax(HE40) (Ch 151)
Radiated Spurious Emission, Vertical



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



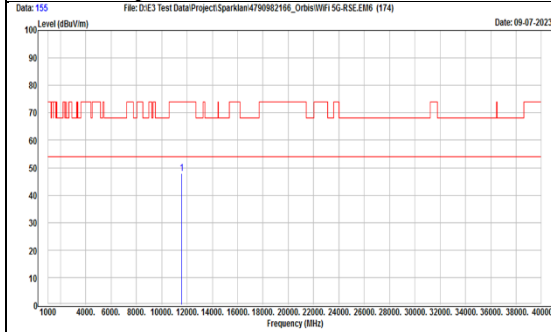
TX, 802.11ax(HE40) (Ch 151)
Band Edge (Peak), Vertical



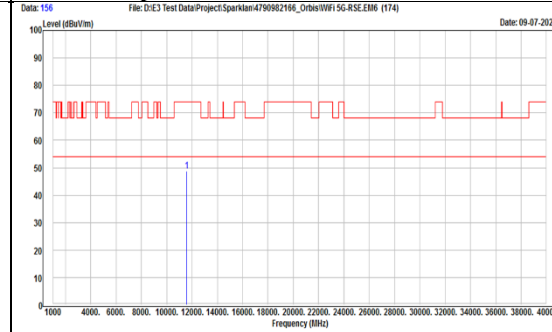
Mode	802.11ax(HE40)	Channel	159
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5795	82.39	20.46	102.85	N/A	N/A	PK
		5918.5	40.21	20.72	60.93	72.99	-12.06	PK
		5954.5	40.93	20.76	61.69	68.2	-6.51	PK
	*	11590	29.47	18.58	48.05	74	-25.95	PK
Vertical	@	5795	83.7	20.46	104.16	N/A	N/A	PK
		5901.5	41.02	20.7	61.72	85.55	-23.83	PK
		5943	40.53	20.75	61.28	68.2	-6.92	PK
	*	11590	30.15	18.58	48.73	74	-25.27	PK

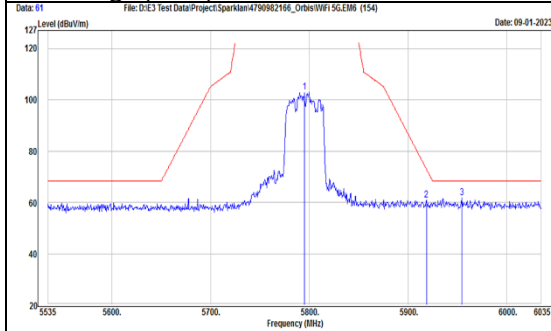
TX, 802.11ax(HE40) (Ch 159)
Radiated Spurious Emission, Horizontal



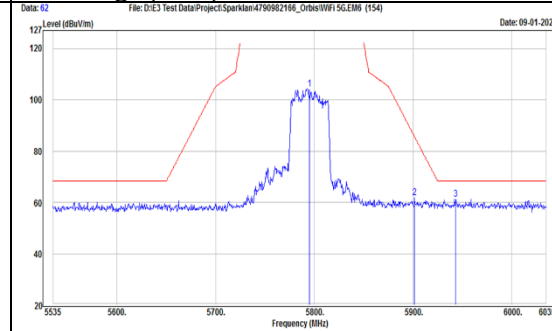
TX, 802.11ax(HE40) (Ch 159)
Radiated Spurious Emission, Vertical



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
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5144.2	31.47	19.22	50.69	54	-3.31	AVG
		5146.3	42.86	19.23	62.09	74	-11.91	PK
	@	5210	76.42	19.07	95.49	N/A	N/A	PK
	@	5210	69.09	19.07	88.16	N/A	N/A	AVG
	*	10420	31.54	17.4	48.94	68.2	-19.26	PK
Vertical		5145.25	34.16	19.22	53.38	54	-0.62	AVG
		5148.75	44.01	19.22	63.23	74	-10.77	PK
	@	5210	78.71	19.07	97.78	N/A	N/A	PK
	@	5210	69.09	19.07	88.16	N/A	N/A	AVG
	*	10420	30.8	17.4	48.2	68.2	-20	PK

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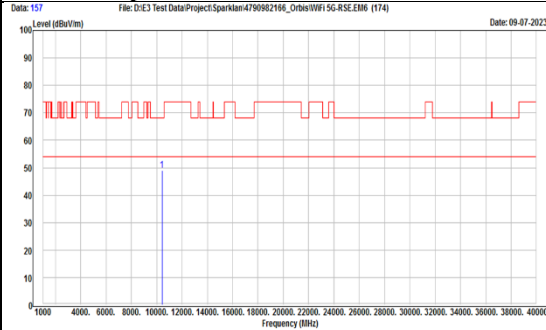
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

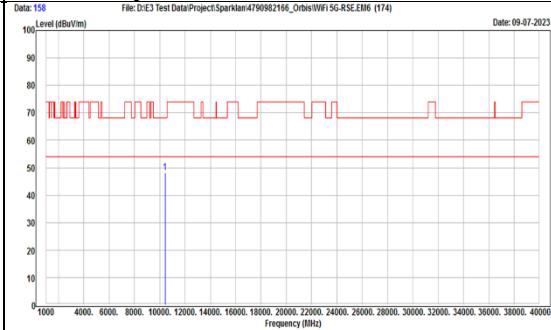
Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

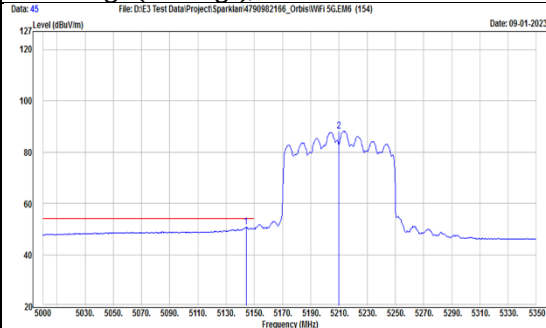
TX, 802.11ax(HE80) (Ch 42)
Radiated Spurious Emission, Horizontal



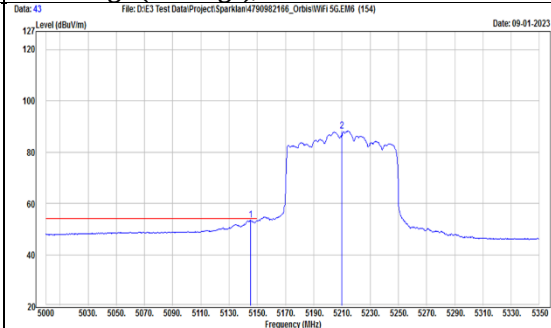
TX, 802.11ax(HE80) (Ch 42)
Radiated Spurious Emission, Vertical



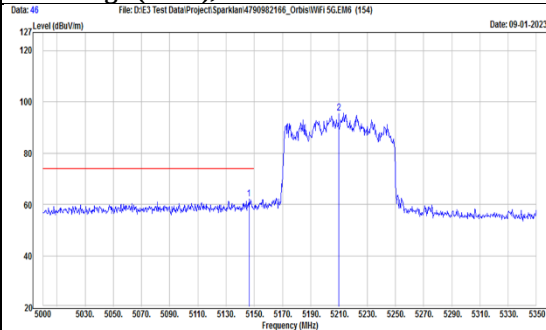
TX, 802.11ax(HE80) (Ch 42)
Band Edge (Average), Horizontal



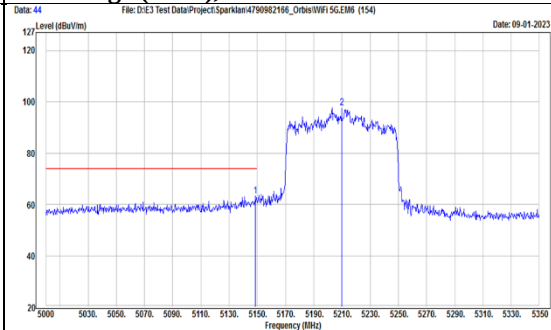
TX, 802.11ax(HE80) (Ch 42)
Band Edge (Average), Vertical



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
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5290	77.85	18.77	96.62	N/A	N/A	PK
	@	5290	71.07	18.77	89.84	N/A	N/A	AVG
		5350.2	34.2	18.7	52.9	54	-1.1	AVG
		5359.8	43.91	18.79	62.7	74	-11.3	PK
	*	10580	30.5	17.68	48.18	68.2	-20.02	PK
Vertical	@	5290	79.05	18.77	97.82	N/A	N/A	PK
	@	5290	71.37	18.77	90.14	N/A	N/A	AVG
		5351.1	34.29	18.71	53	54	-1	AVG
		5351.4	45.27	18.71	63.98	74	-10.02	PK
	*	10580	30.39	17.68	48.07	68.2	-20.13	PK

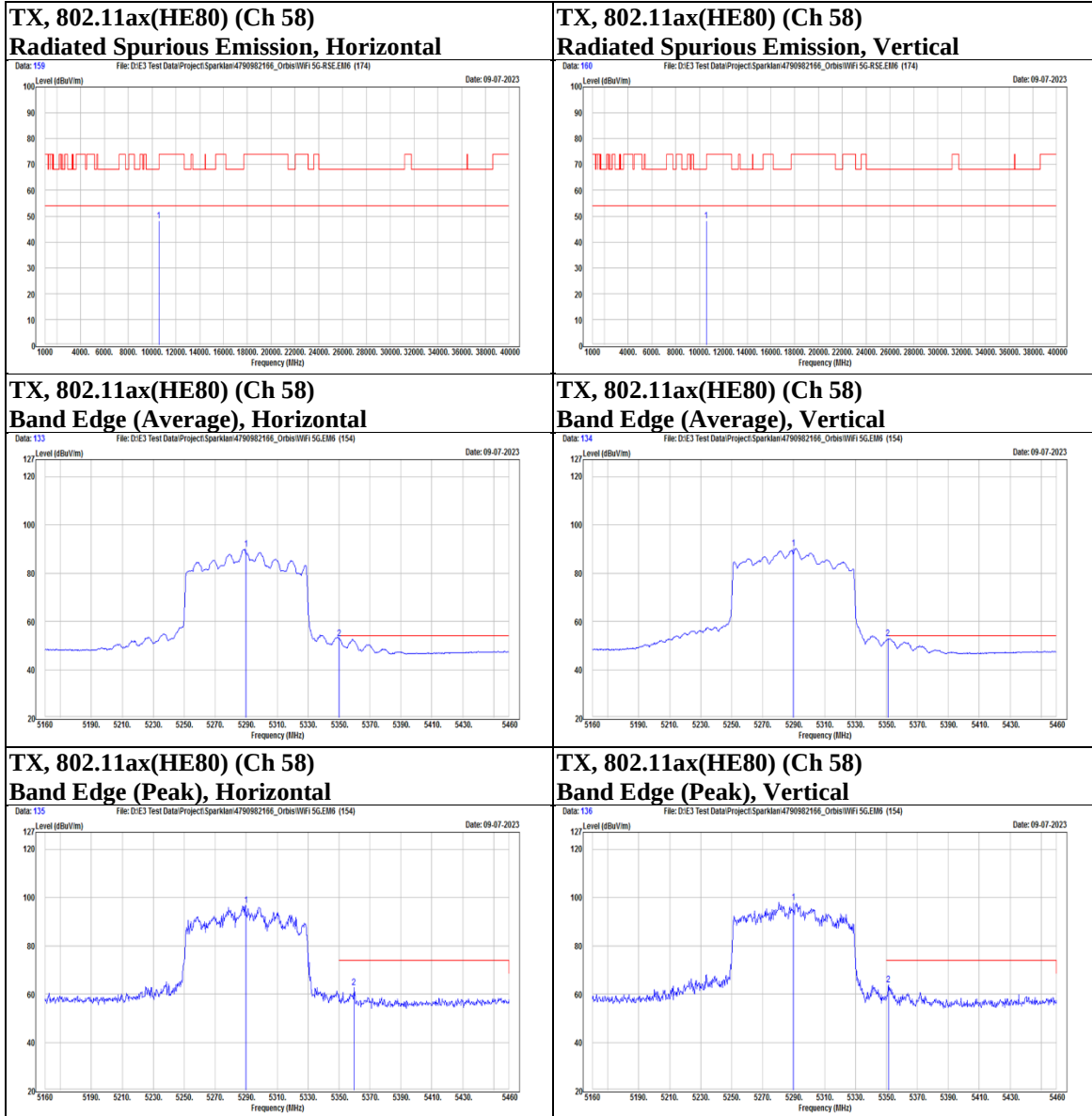
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Mode	802.11ax(HE80)	Channel	106
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5459.5	41.45	19.64	61.09	74	-12.91	PK
		5459.5	33.82	19.64	53.46	54	-0.54	AVG
		5468.95	42.56	19.65	62.21	68.2	-5.99	PK
	@	5530	79.92	19.61	99.53	N/A	N/A	PK
	@	5530	71.21	19.61	90.82	N/A	N/A	AVG
	*	11060	31.11	18.15	49.26	74	-24.74	PK
Vertical		5451.1	42.11	19.62	61.73	74	-12.27	PK
		5454.95	32.72	19.63	52.35	54	-1.65	AVG
		5466.5	44.57	19.65	64.22	68.2	-3.98	PK
	@	5530	79.83	19.61	99.44	N/A	N/A	PK
	@	5530	71.55	19.61	91.16	N/A	N/A	AVG
	*	11060	29.86	18.15	48.01	74	-25.99	PK

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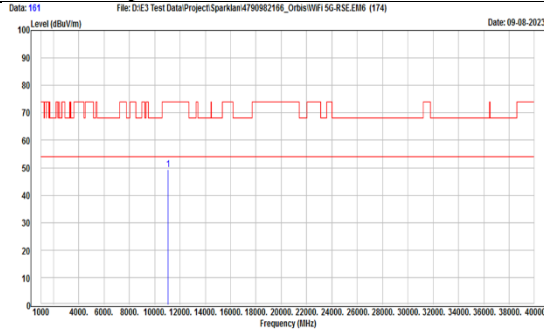
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

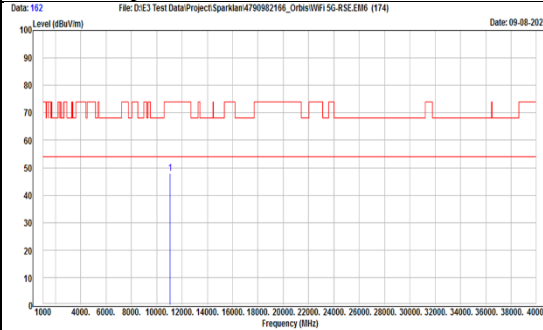
Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

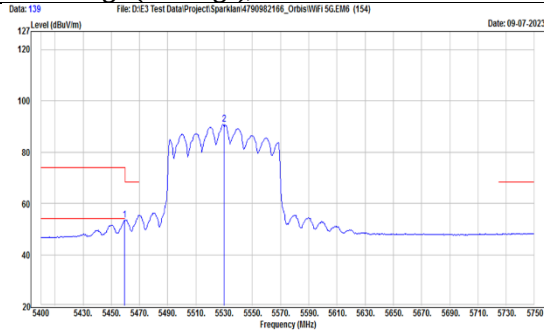
TX, 802.11ax(HE80) (Ch 106)
Radiated Spurious Emission, Horizontal



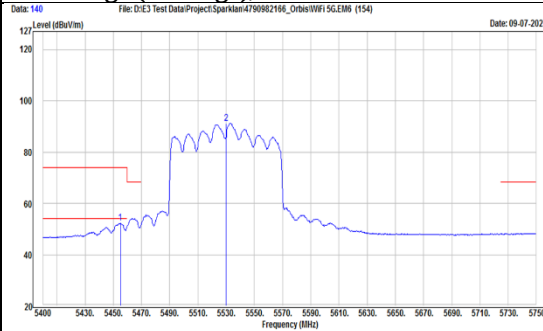
TX, 802.11ax(HE80) (Ch 106)
Radiated Spurious Emission, Vertical



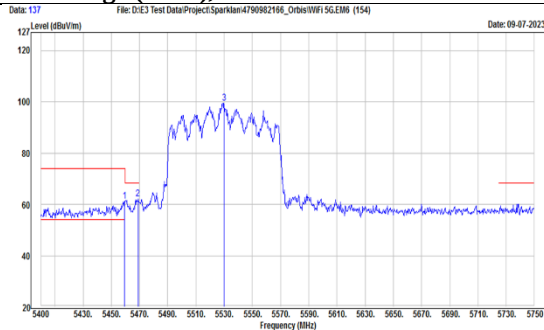
TX, 802.11ax(HE80) (Ch 106)
Band Edge (Average), Horizontal



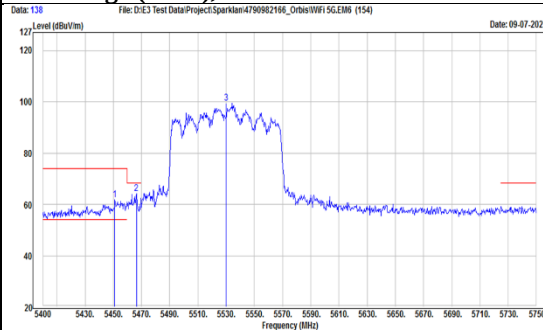
TX, 802.11ax(HE80) (Ch 106)
Band Edge (Average), Vertical



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

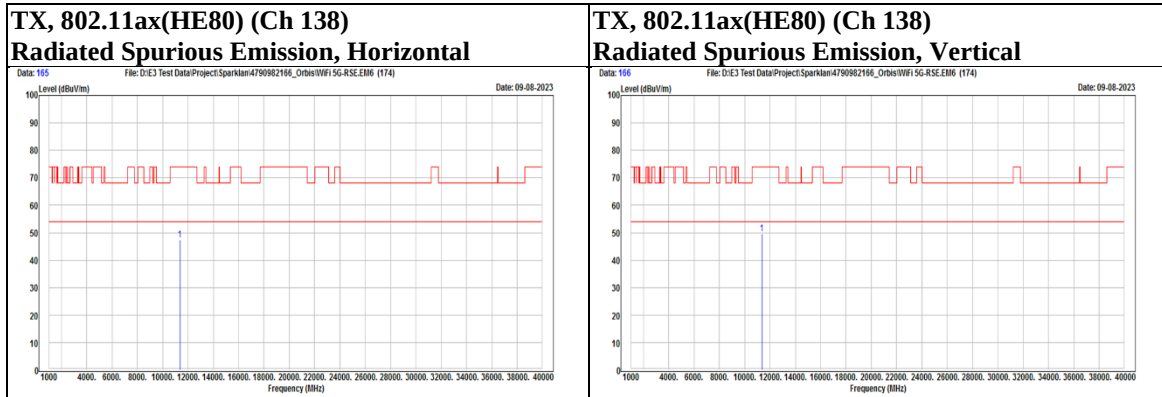


TX, 802.11ax(HE80) (Ch 106)
Band Edge (Peak), Vertical



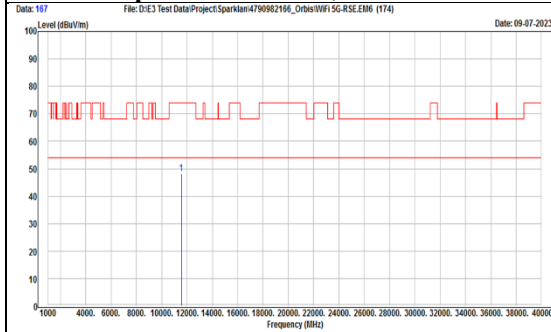
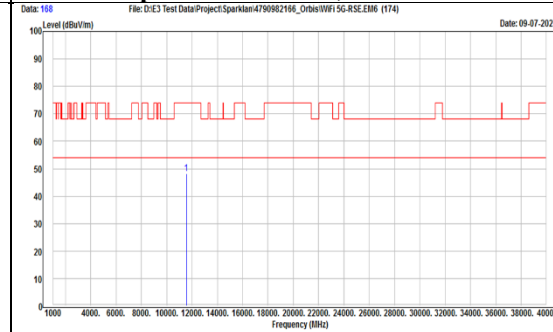
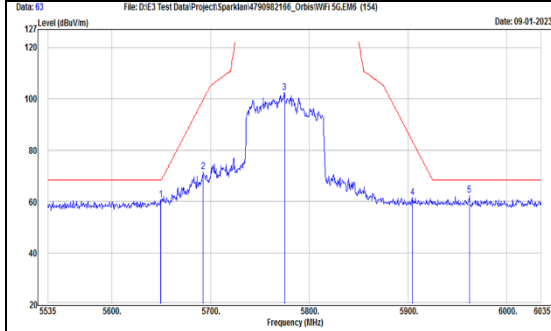
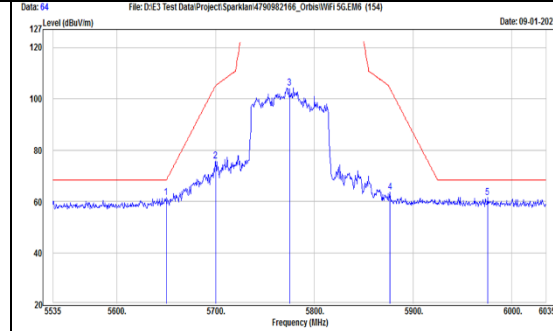
Mode	802.11ax(HE80)	Channel	138
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11380	29	18.39	47.39	74	-26.61	PK
Vertical	*	11380	31.17	18.39	49.56	74	-24.44	PK



Mode	802.11ax(HE80)	Channel	155
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5649.5	41.04	19.65	60.69	68.2	-7.51	PK
		5692.5	51.86	19.61	71.47	99.67	-28.2	PK
	@	5775	82.05	20.28	102.33	N/A	N/A	PK
		5904.5	40.73	20.7	61.43	83.33	-21.9	PK
		5962	41.52	20.77	62.29	68.2	-5.91	PK
	*	11550	29.46	18.73	48.19	74	-25.81	PK
Vertical		5650	41.89	19.65	61.54	68.2	-6.66	PK
		5700	56.04	19.6	75.64	105.2	-29.56	PK
	@	5775	83.92	20.28	104.2	N/A	N/A	PK
		5876.5	42.75	20.68	63.43	104.09	-40.66	PK
		5975.5	40.82	20.77	61.59	68.2	-6.61	PK
	*	11550	29.44	18.73	48.17	74	-25.83	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


Mode	802.11ax(HE160)	Channel	50
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5125.58	42.1	19.24	61.34	74	-12.66	PK
		5144.44	30.63	19.22	49.85	54	-4.15	AVG
	@	5250	72.84	18.95	91.79	N/A	N/A	PK
	@	5250	64.45	18.95	83.4	N/A	N/A	AVG
		5350	30.83	18.7	49.53	54	-4.47	AVG
		5367.08	39.93	18.85	58.78	74	-15.22	PK
	*	10500	30.95	17.61	48.56	68.2	-19.64	PK
Vertical		5139.84	44.07	19.22	63.29	74	-10.71	PK
		5144.44	34.51	19.22	53.73	54	-0.27	AVG
	@	5250	75.58	18.95	94.53	N/A	N/A	PK
	@	5250	66.78	18.95	85.73	N/A	N/A	AVG
		5350.06	40.62	18.7	59.32	74	-14.68	PK
		5354.2	30.49	18.73	49.22	54	-4.78	AVG
	*	10500	29.9	17.61	47.51	68.2	-20.69	PK

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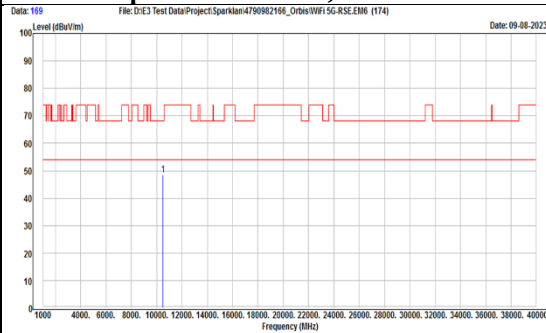
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

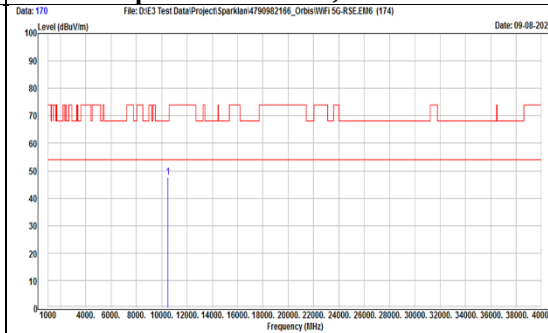
Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

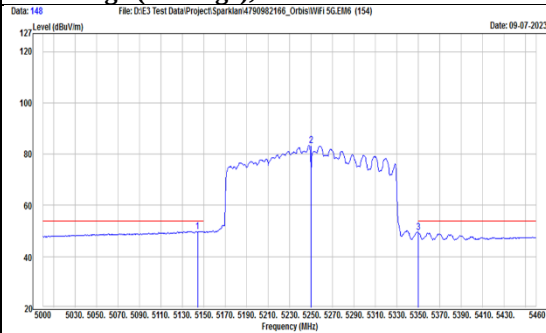
TX, 802.11ax(HE160) (Ch 50)
Radiated Spurious Emission, Horizontal



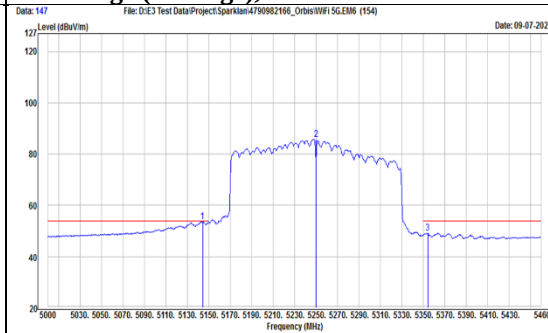
TX, 802.11ax(HE160) (Ch 50)
Radiated Spurious Emission, Vertical



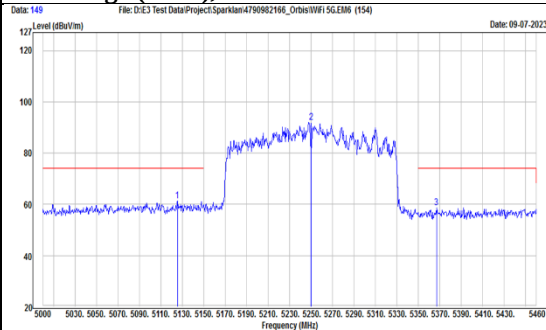
TX, 802.11ax(HE160) (Ch 50)
Band Edge (Average), Horizontal



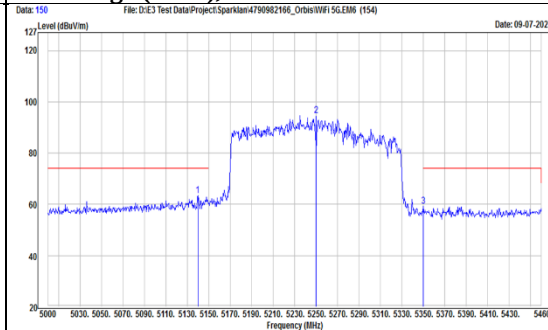
TX, 802.11ax(HE160) (Ch 50)
Band Edge (Average), Vertical



TX, 802.11ax(HE160) (Ch 50)
Band Edge (Peak), Horizontal



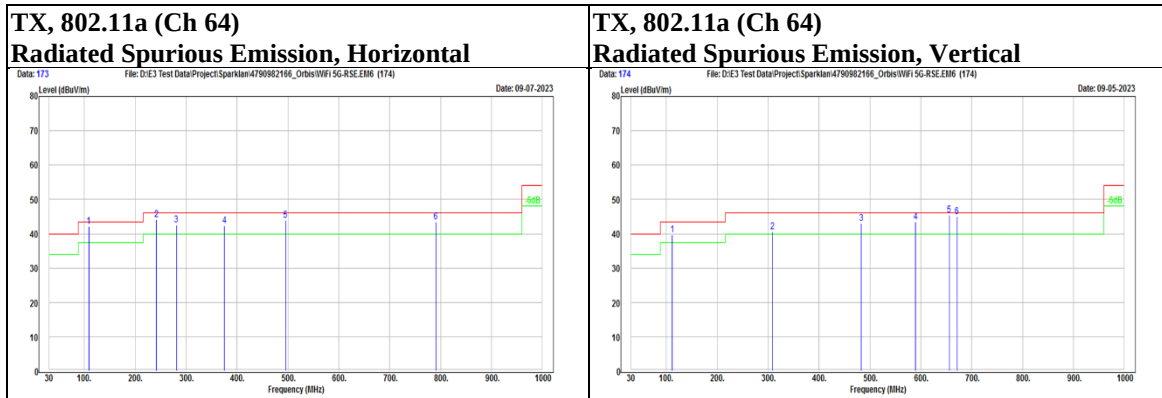
TX, 802.11ax(HE160) (Ch 50)
Band Edge (Peak), Vertical



Below 1 GHz

Mode	802.11a	Channel	64
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		108.57	57.1	-14.96	42.14	43.5	-1.36	PK
		241.46	56.73	-12.7	44.03	46	-1.97	PK
		281.23	53.68	-11.13	42.55	46	-3.45	PK
		375.32	50.78	-8.38	42.4	46	-3.6	PK
		495.6	49.08	-5.19	43.89	46	-2.11	PK
		790.48	42.47	0.98	43.45	46	-2.55	PK
Vertical		111.48	54.49	-14.82	39.67	43.5	-3.83	PK
		308.39	50.88	-10.43	40.45	46	-5.55	PK
		482.99	48.43	-5.5	42.93	46	-3.07	PK
		589.69	46.35	-2.85	43.5	46	-2.5	PK
		655.65	46.91	-1.51	45.4	46	-0.6	PK
		671.17	46.31	-1.27	45.04	46	-0.96	PK



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**Underwriters Laboratories Taiwan Co., Ltd.**

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