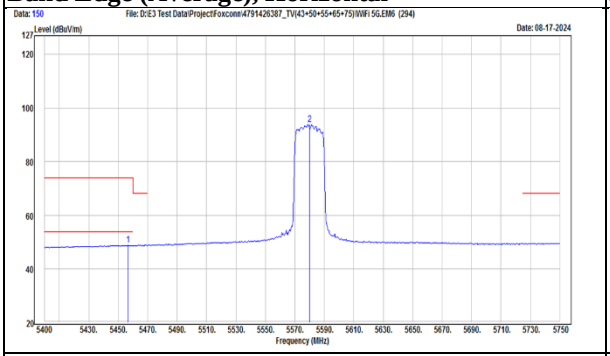
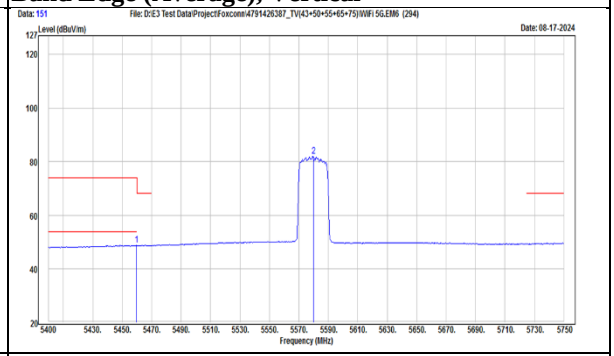
Mode	802.11ax(HE20)	Channel	116

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5412.25	40.07	20.01	60.08	74	-13.92	PK
		5456.7	28.61	20.23	48.84	54	-5.16	AVG
		5469.3	38.48	20.3	58.78	68.2	-9.42	PK
	@	5580	81.47	20.59	102.06	N/A	N/A	PK
	@	5580	73.39	20.59	93.98	N/A	N/A	AVG
		5731.45	40.32	20.52	60.84	68.2	-7.36	PK
Vertical		5447.25	39.75	20.19	59.94	74	-14.06	PK
		5459.85	28.6	20.24	48.84	54	-5.16	AVG
		5462.65	40.72	20.26	60.98	68.2	-7.22	PK
	@	5580	69.99	20.59	90.58	N/A	N/A	PK
	@	5580	61.45	20.59	82.04	N/A	N/A	AVG
		5743.35	41.16	20.6	61.76	68.2	-6.44	PK

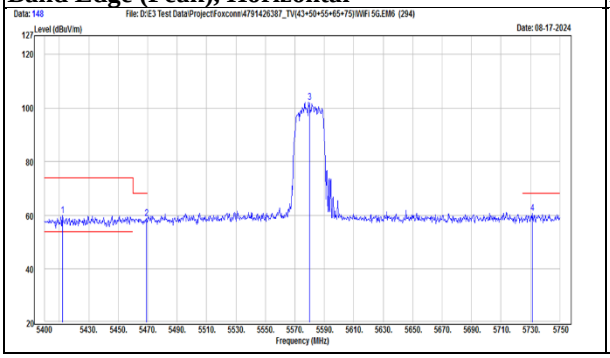
TX, 802.11ax(HE20) (Ch 116)
Band Edge (Average), Horizontal



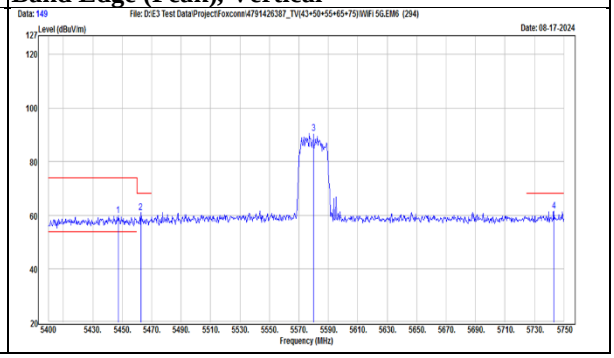
TX, 802.11ax(HE20) (Ch 116)
Band Edge (Average), Vertical



TX, 802.11ax(HE20) (Ch 116)
Band Edge (Peak), Horizontal



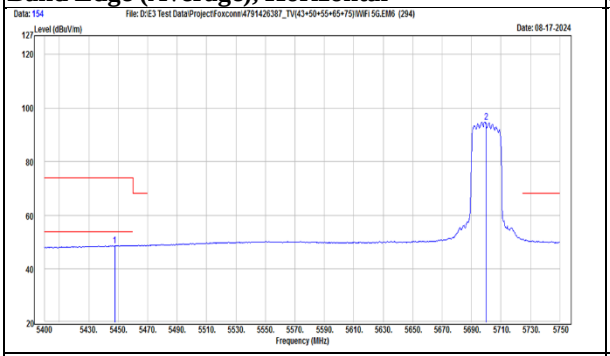
TX, 802.11ax(HE20) (Ch 116)
Band Edge (Peak), Vertical



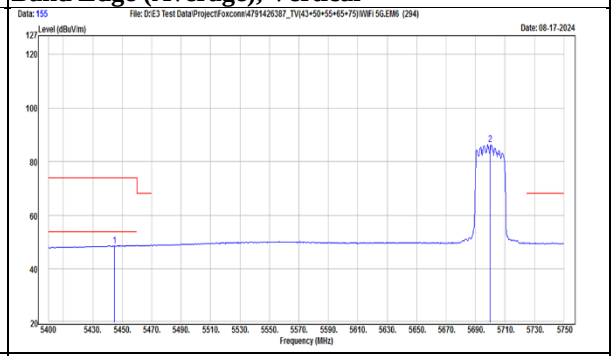
Mode	802.11ax(HE20)	Channel	140

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5422.4	39.85	20.06	59.91	74	-14.09	PK
		5447.6	28.57	20.19	48.76	54	-5.24	AVG
		5464.4	39.69	20.27	59.96	68.2	-8.24	PK
	@	5700	84.07	20.29	104.36	N/A	N/A	PK
	@	5700	74.46	20.29	94.75	N/A	N/A	AVG
		5749.65	41.14	20.65	61.79	68.2	-6.41	PK
Vertical		5444.8	28.6	20.17	48.77	54	-5.23	AVG
		5453.9	40.86	20.22	61.08	74	-12.92	PK
		5469.65	39.65	20.3	59.95	68.2	-8.25	PK
	@	5700	73.37	20.29	93.66	N/A	N/A	PK
	@	5700	66.07	20.29	86.36	N/A	N/A	AVG
		5748.25	40.23	20.64	60.87	68.2	-7.33	PK

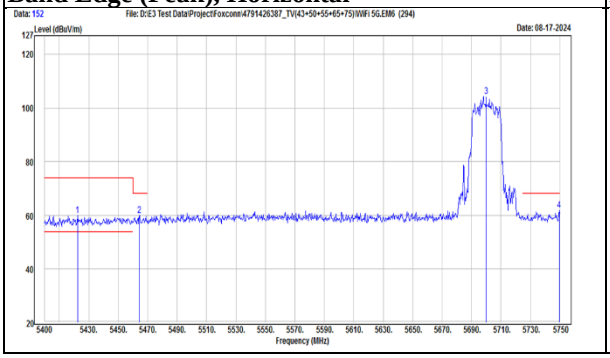
TX, 802.11ax(HE20) (Ch 140)
Band Edge (Average), Horizontal



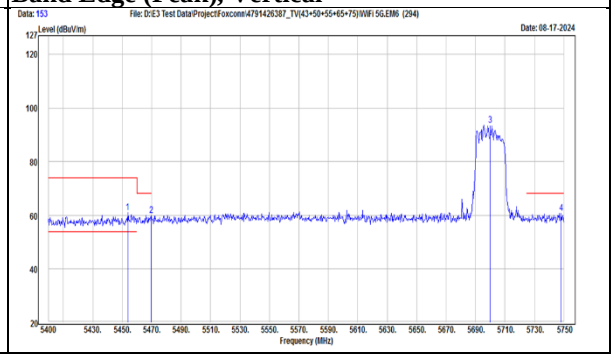
TX, 802.11ax(HE20) (Ch 140)
Band Edge (Average), Vertical



TX, 802.11ax(HE20) (Ch 140)
Band Edge (Peak), Horizontal



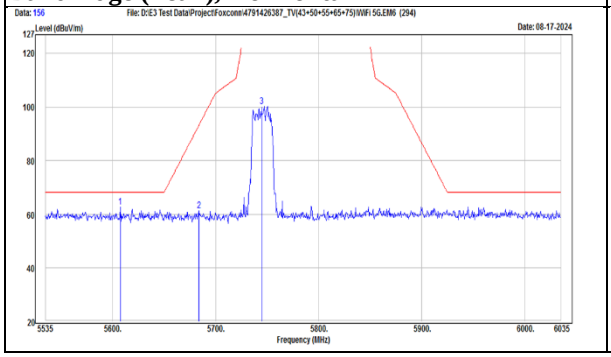
TX, 802.11ax(HE20) (Ch 140)
Band Edge (Peak), Vertical



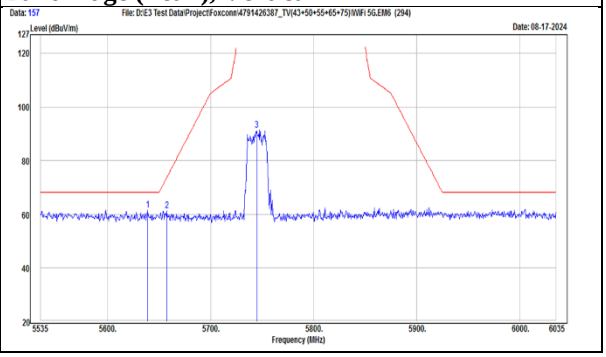
Mode	802.11ax(HE20)	Channel	149

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5607.5	42.13	20.55	62.68	68.2	-5.52	PK
		5684	41.14	20.33	61.47	93.4	-31.93	PK
	@	5745	79.66	20.62	100.28	N/A	N/A	PK
Vertical		5639	41.15	20.45	61.6	68.2	-6.6	PK
		5657.5	40.97	20.41	61.38	73.77	-12.39	PK
	@	5745	70.68	20.62	91.3	N/A	N/A	PK

TX, 802.11ax(HE20) (Ch 149)
Band Edge (Peak), Horizontal



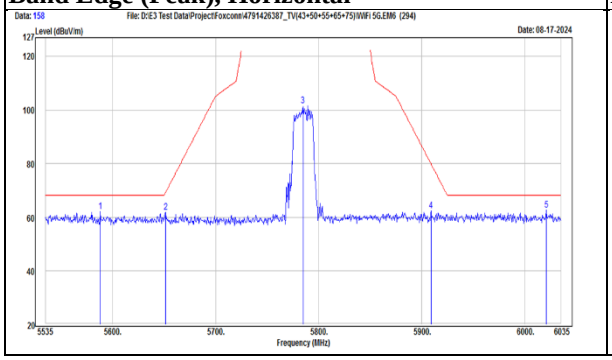
TX, 802.11ax(HE20) (Ch 149)
Band Edge (Peak), Vertical



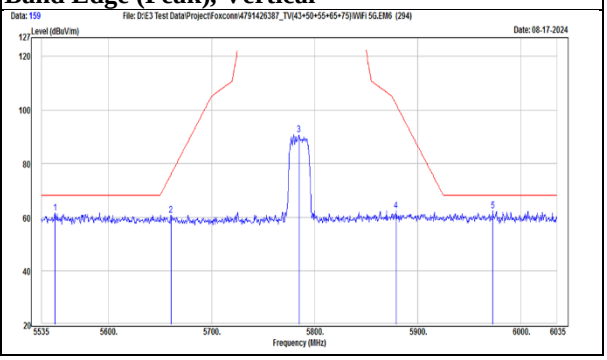
Mode	802.11ax(HE20)	Channel	157

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5588	41.52	20.58	62.1	68.2	-6.1	PK
		5651.5	41.61	20.42	62.03	69.31	-7.28	PK
	@	5785	80.77	20.9	101.67	N/A	N/A	PK
		5909	40.98	21.53	62.51	80.01	-17.5	PK
		6021	41.03	21.83	62.86	68.2	-5.34	PK
Vertical		5548	41	20.61	61.61	68.2	-6.59	PK
		5660.5	40.49	20.4	60.89	76	-15.11	PK
	@	5785	70.04	20.9	90.94	N/A	N/A	PK
		5879	40.9	21.49	62.39	102.23	-39.84	PK
		5973	40.9	21.65	62.55	68.2	-5.65	PK

TX, 802.11ax(HE20) (Ch 157)
Band Edge (Peak), Horizontal



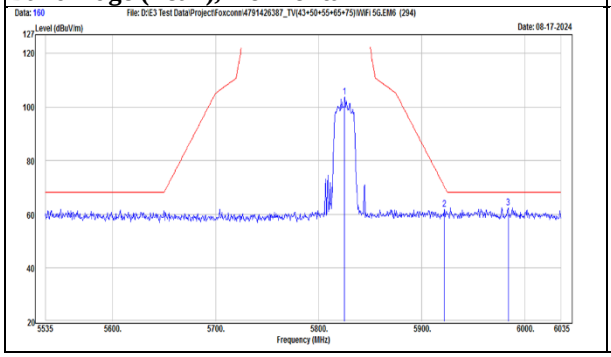
TX, 802.11ax(HE20) (Ch 157)
Band Edge (Peak), Vertical



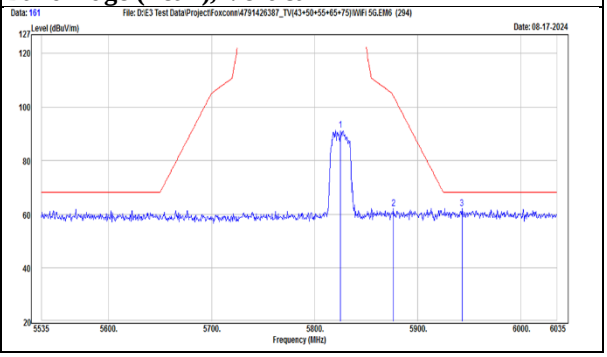
Mode	802.11ax(HE20)	Channel	165

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5825	82.47	21.24	103.71	N/A	N/A	PK
		5922	40.35	21.54	61.89	70.41	-8.52	PK
		5984	40.92	21.68	62.6	68.2	-5.6	PK
Vertical	@	5825	70.29	21.24	91.53	N/A	N/A	PK
		5876.5	40.82	21.49	62.31	104.09	-41.78	PK
		5943	40.55	21.56	62.11	68.2	-6.09	PK

TX, 802.11ax(HE20) (Ch 165)
Band Edge (Peak), Horizontal



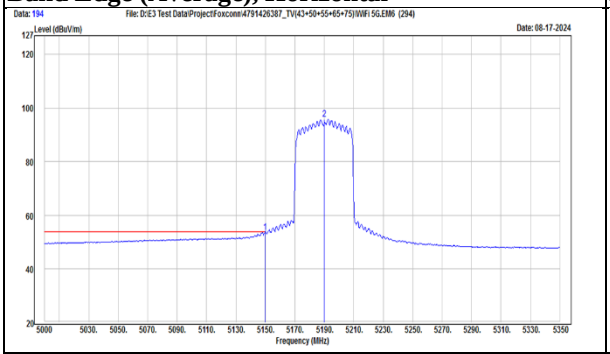
TX, 802.11ax(HE20) (Ch 165)
Band Edge (Peak), Vertical



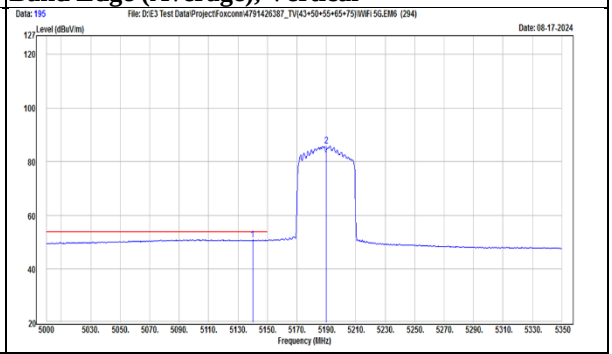
Mode	802.11ax(HE40)	Channel	38

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5133	42.52	20.03	62.55	74	-11.45	PK
		5149.8	33.59	20.06	53.65	54	-0.35	AVG
	@	5190	83.76	19.95	103.71	N/A	N/A	PK
	@	5190	75.86	19.95	95.81	N/A	N/A	AVG
Vertical		5113.4	42.58	20.01	62.59	74	-11.41	PK
		5140	30.91	20.04	50.95	54	-3.05	AVG
	@	5190	73.16	19.95	93.11	N/A	N/A	PK
	@	5190	65.85	19.95	85.8	N/A	N/A	AVG

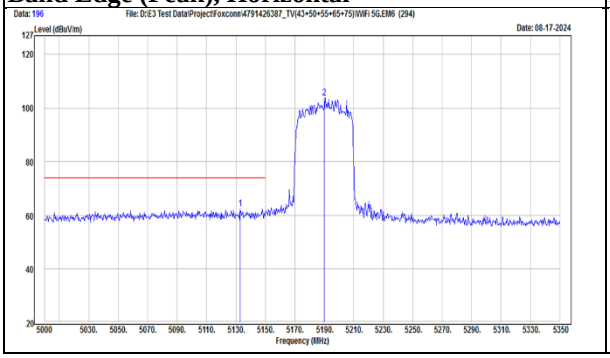
TX, 802.11ax(HE40) (Ch 38)
Band Edge (Average), Horizontal



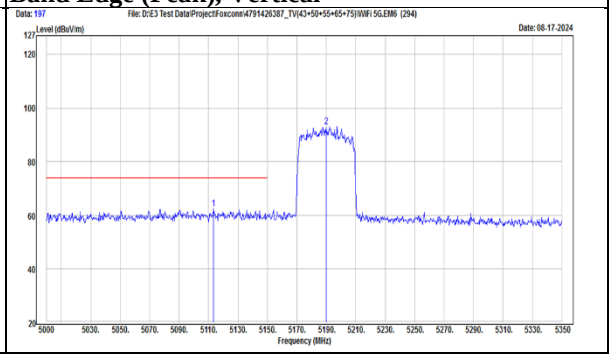
TX, 802.11ax(HE40) (Ch 38)
Band Edge (Average), Vertical



TX, 802.11ax(HE40) (Ch 38)
Band Edge (Peak), Horizontal



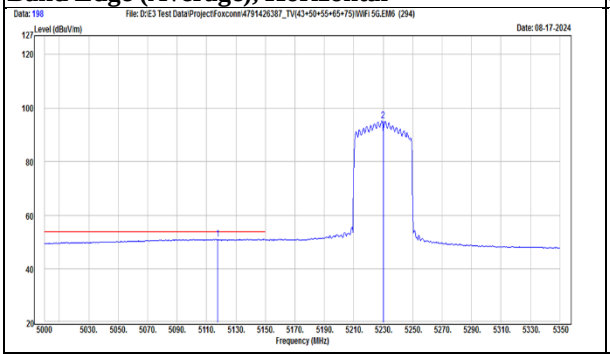
TX, 802.11ax(HE40) (Ch 38)
Band Edge (Peak), Vertical



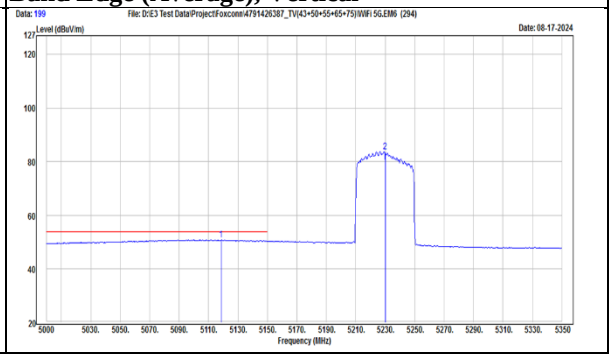
Mode	802.11ax(HE40)	Channel	46

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5037.1	42	19.6	61.6	74	-12.4	PK
		5117.6	31.18	20.02	51.2	54	-2.8	AVG
	@	5230	82.54	19.89	102.43	N/A	N/A	PK
	@	5230	75.32	19.89	95.21	N/A	N/A	AVG
Vertical		5061.25	42.47	19.72	62.19	74	-11.81	PK
		5118.65	30.9	20.02	50.92	54	-3.08	AVG
	@	5230	73.78	19.89	93.67	N/A	N/A	PK
	@	5230	63.88	19.89	83.77	N/A	N/A	AVG

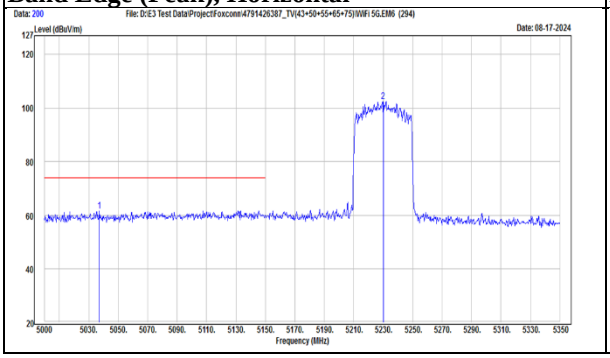
TX, 802.11ax(HE40) (Ch 46)
Band Edge (Average), Horizontal



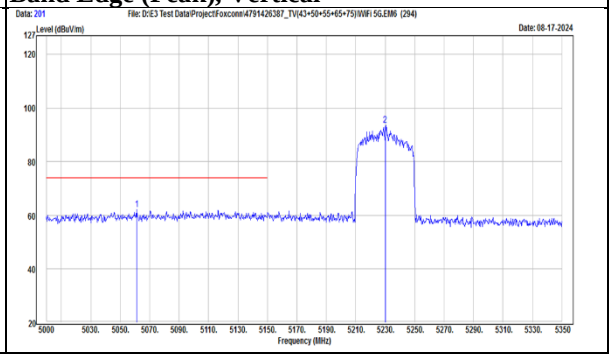
TX, 802.11ax(HE40) (Ch 46)
Band Edge (Average), Vertical



TX, 802.11ax(HE40) (Ch 46)
Band Edge (Peak), Horizontal



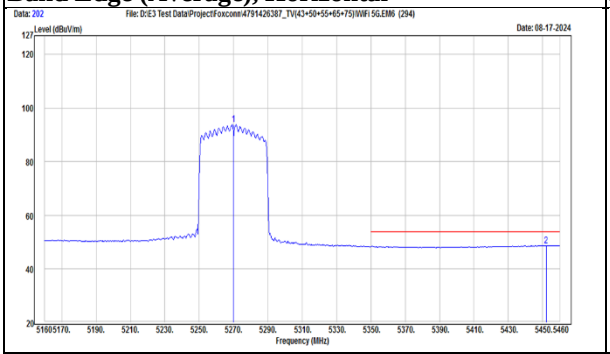
TX, 802.11ax(HE40) (Ch 46)
Band Edge (Peak), Vertical



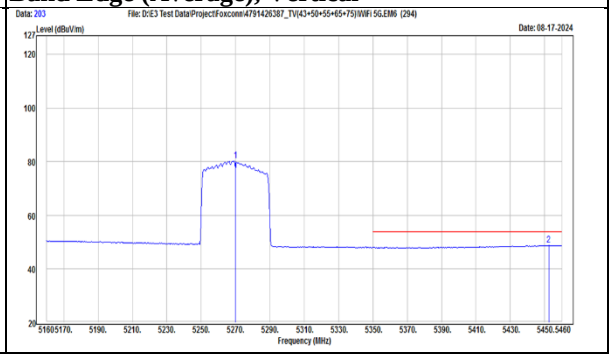
Mode	802.11ax(HE40)	Channel	54

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5270	82.42	19.74	102.16	N/A	N/A	PK
	@	5270	74.11	19.74	93.85	N/A	N/A	AVG
		5447.1	40.82	20.18	61	74	-13	PK
		5452.2	28.59	20.21	48.8	54	-5.2	AVG
Vertical	@	5270	70.65	19.74	90.39	N/A	N/A	PK
	@	5270	60.67	19.74	80.41	N/A	N/A	AVG
		5446.8	39.92	20.18	60.1	74	-13.9	PK
		5452.5	28.65	20.21	48.86	54	-5.14	AVG

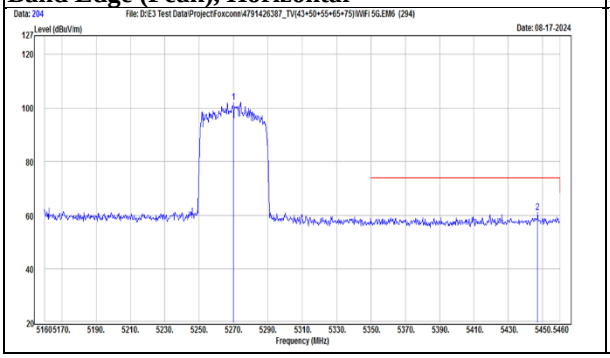
TX, 802.11ax(HE40) (Ch 54)
Band Edge (Average), Horizontal



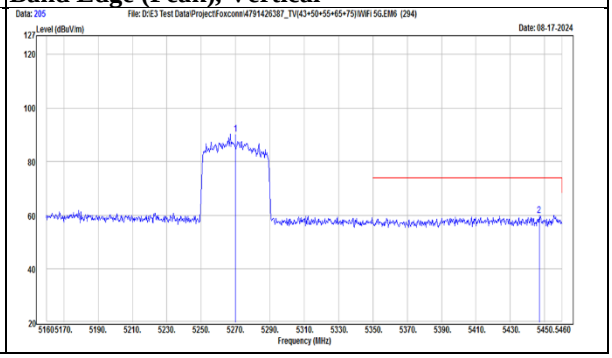
TX, 802.11ax(HE40) (Ch 54)
Band Edge (Average), Vertical



TX, 802.11ax(HE40) (Ch 54)
Band Edge (Peak), Horizontal



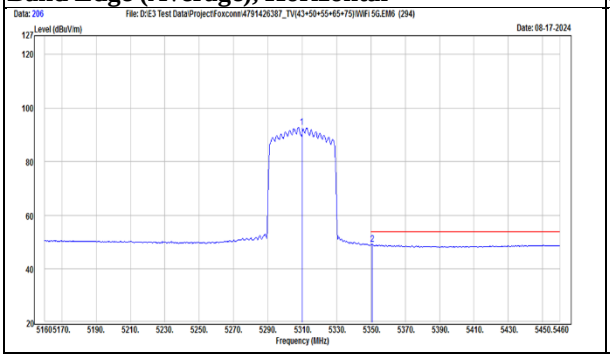
TX, 802.11ax(HE40) (Ch 54)
Band Edge (Peak), Vertical



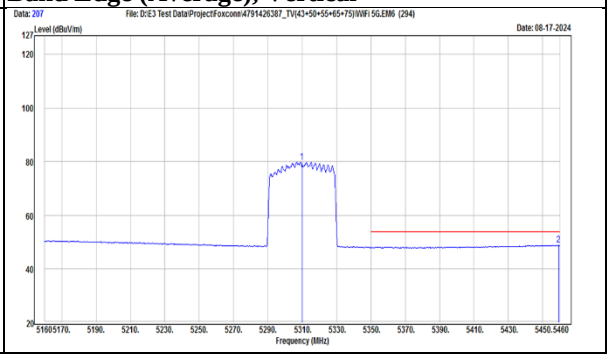
Mode	802.11ax(HE40)	Channel	62

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5310	81.1	19.54	100.64	N/A	N/A	PK
	@	5310	73.35	19.54	92.89	N/A	N/A	AVG
		5350.8	29.59	19.59	49.18	54	-4.82	AVG
		5411.4	40.55	20	60.55	74	-13.45	PK
Vertical	@	5310	69.29	19.54	88.83	N/A	N/A	PK
	@	5310	60.39	19.54	79.93	N/A	N/A	AVG
		5451	40.32	20.2	60.52	74	-13.48	PK
		5459.4	28.67	20.24	48.91	54	-5.09	AVG

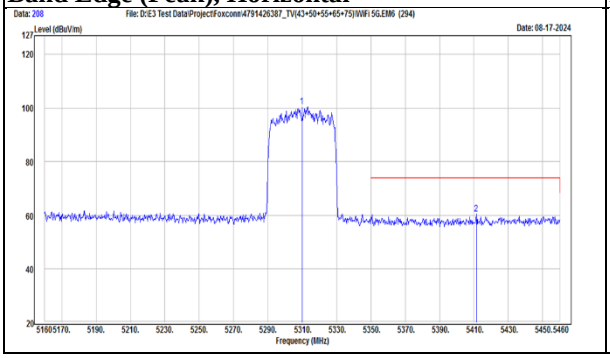
TX, 802.11ax(HE40) (Ch 62)
Band Edge (Average), Horizontal



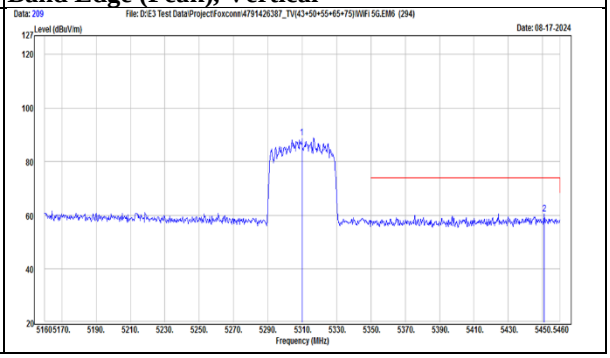
TX, 802.11ax(HE40) (Ch 62)
Band Edge (Average), Vertical



TX, 802.11ax(HE40) (Ch 62)
Band Edge (Peak), Horizontal



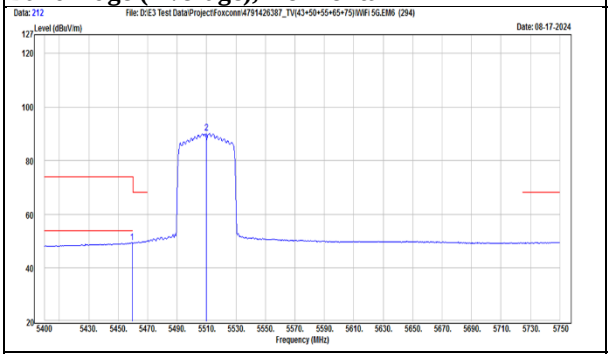
TX, 802.11ax(HE40) (Ch 62)
Band Edge (Peak), Vertical



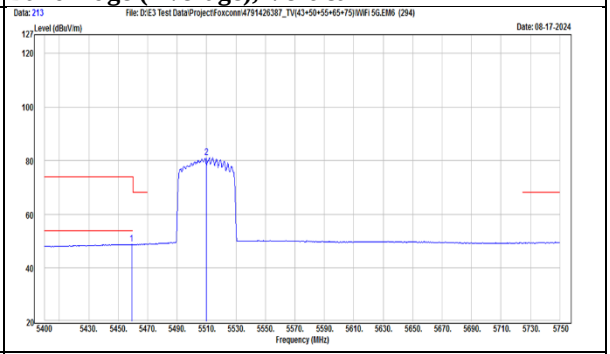
Mode	802.11ax(HE40)	Channel	102

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5429.75	41.36	20.09	61.45	74	-12.55	PK
		5459.5	29.21	20.24	49.45	54	-4.55	AVG
		5468.25	39.63	20.29	59.92	68.2	-8.28	PK
	@	5510	80.87	20.48	101.35	N/A	N/A	PK
	@	5510	69.84	20.48	90.32	N/A	N/A	AVG
Vertical		5402.1	39.85	19.95	59.8	74	-14.2	PK
		5459.15	28.59	20.24	48.83	54	-5.17	AVG
		5468.25	39.57	20.29	59.86	68.2	-8.34	PK
	@	5510	69.81	20.48	90.29	N/A	N/A	PK
	@	5510	60.71	20.48	81.19	N/A	N/A	AVG

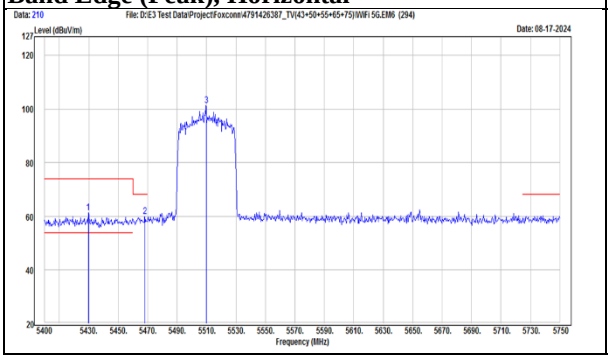
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Average), Horizontal



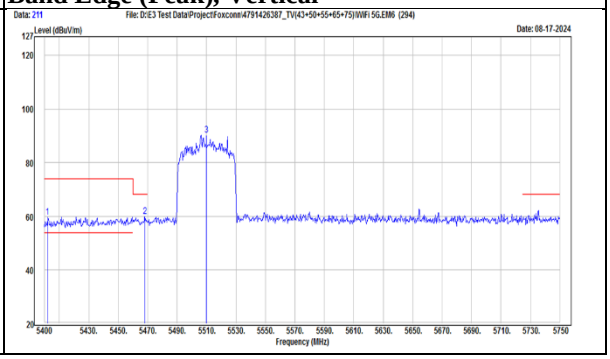
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Average), Vertical



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



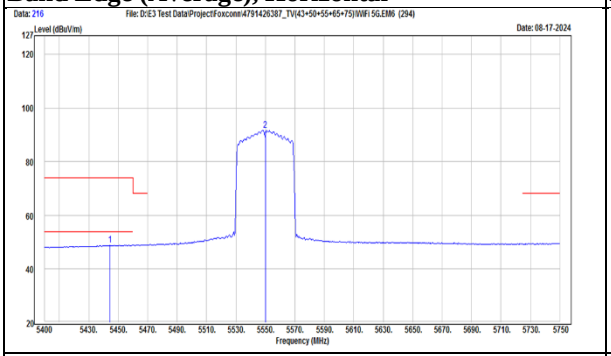
TX, 802.11ax(HE40) (Ch 102)
Band Edge (Peak), Vertical



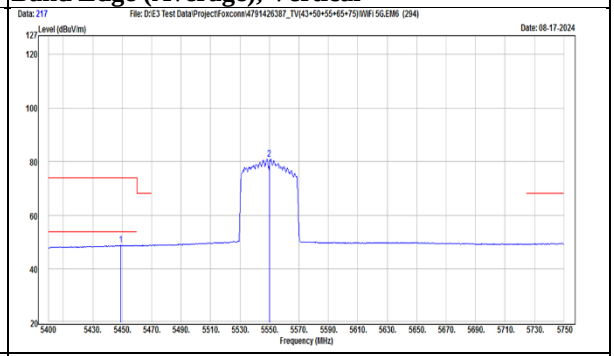
Mode	802.11ax(HE40)	Channel	110

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5435.35	39.15	20.12	59.27	74	-14.73	PK
		5444.45	28.74	20.17	48.91	54	-5.09	AVG
		5460.9	39.32	20.24	59.56	68.2	-8.64	PK
	@	5550	78.98	20.61	99.59	N/A	N/A	PK
	@	5550	71.2	20.61	91.81	N/A	N/A	AVG
		5747.9	40.36	20.64	61	68.2	-7.2	PK
Vertical		5423.8	39.93	20.07	60	74	-14	PK
		5449	28.67	20.2	48.87	54	-5.13	AVG
		5465.8	38.85	20.27	59.12	68.2	-9.08	PK
	@	5550	68.76	20.61	89.37	N/A	N/A	PK
	@	5550	60.44	20.61	81.05	N/A	N/A	AVG
		5734.95	40.12	20.54	60.66	68.2	-7.54	PK

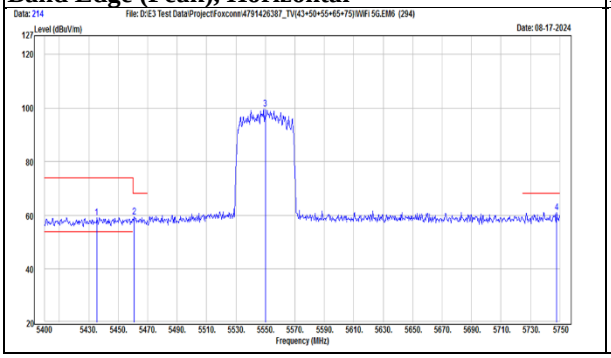
TX, 802.11ax(HE40) (Ch 110)
Band Edge (Average), Horizontal



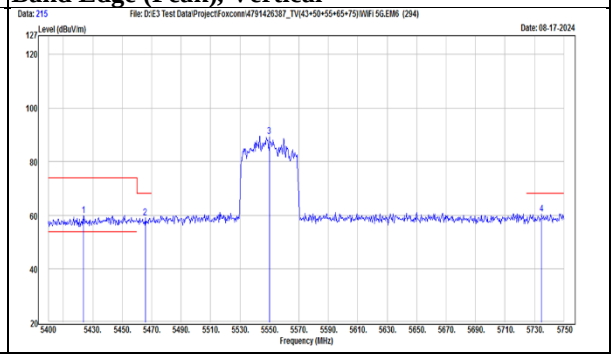
TX, 802.11ax(HE40) (Ch 110)
Band Edge (Average), Vertical



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



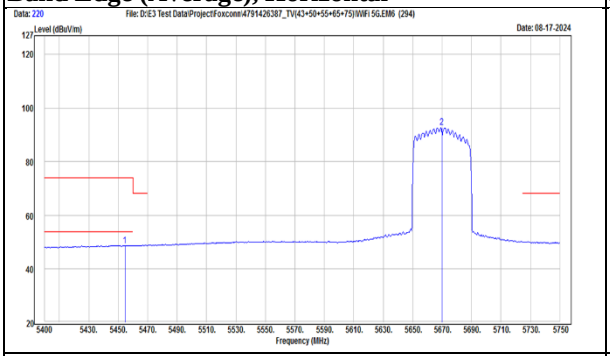
TX, 802.11ax(HE40) (Ch 110)
Band Edge (Peak), Vertical



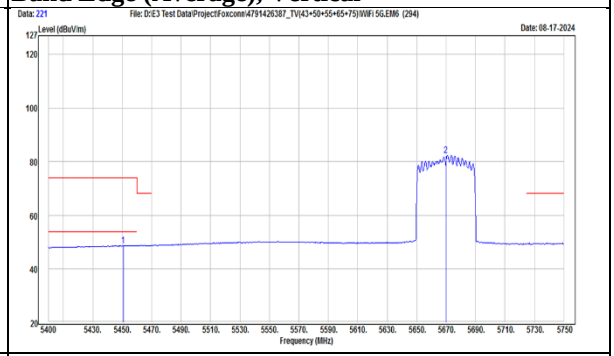
Mode	802.11ax(HE40)	Channel	134

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5440.25	40.08	20.15	60.23	74	-13.77	PK
		5454.6	28.55	20.23	48.78	54	-5.22	AVG
		5461.25	39.43	20.25	59.68	68.2	-8.52	PK
	@	5670	81.56	20.38	101.94	N/A	N/A	PK
	@	5670	72.31	20.38	92.69	N/A	N/A	AVG
		5741.95	41	20.59	61.59	68.2	-6.61	PK
Vertical		5450.75	28.6	20.2	48.8	54	-5.2	AVG
		5452.85	39.68	20.21	59.89	74	-14.11	PK
		5469.65	39.56	20.3	59.86	68.2	-8.34	PK
	@	5670	71.13	20.38	91.51	N/A	N/A	PK
	@	5670	62.06	20.38	82.44	N/A	N/A	AVG
		5740.55	40.4	20.58	60.98	68.2	-7.22	PK

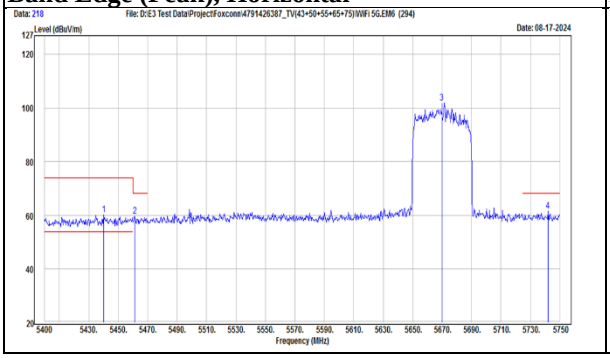
TX, 802.11ax(HE40) (Ch 134)
Band Edge (Average), Horizontal



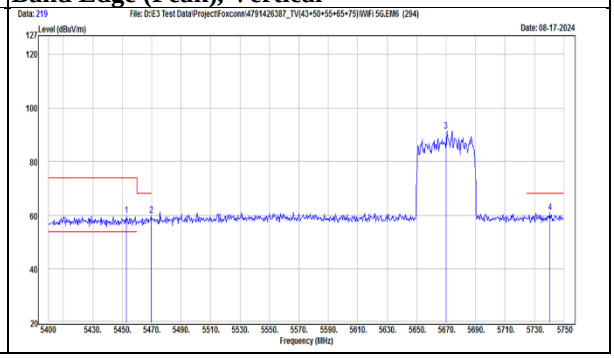
TX, 802.11ax(HE40) (Ch 134)
Band Edge (Average), Vertical



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



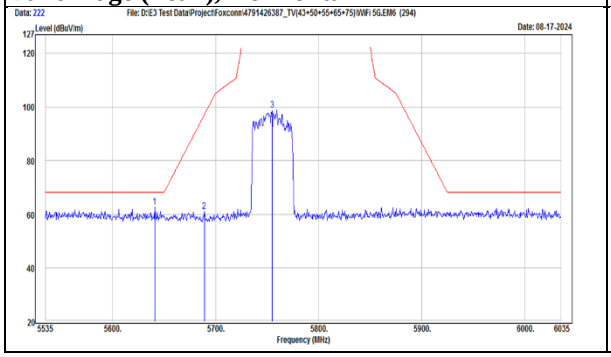
TX, 802.11ax(HE40) (Ch 134)
Band Edge (Peak), Vertical



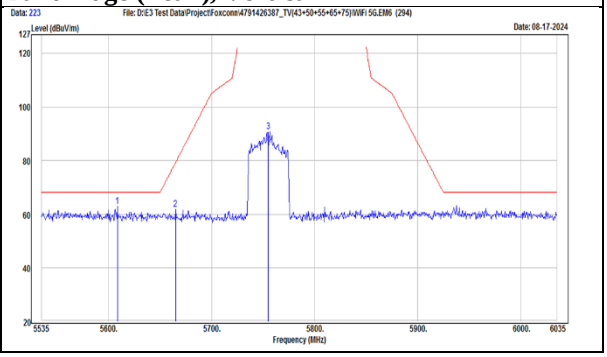
Mode	802.11ax(HE40)	Channel	151

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5641	42.24	20.46	62.7	68.2	-5.5	PK
		5689	40.73	20.32	61.05	97.09	-36.04	PK
	@	5755	78.06	20.68	98.74	N/A	N/A	PK
Vertical		5608.5	42.38	20.55	62.93	68.2	-5.27	PK
		5665	41.48	20.39	61.87	79.33	-17.46	PK
	@	5755	70.31	20.68	90.99	N/A	N/A	PK

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



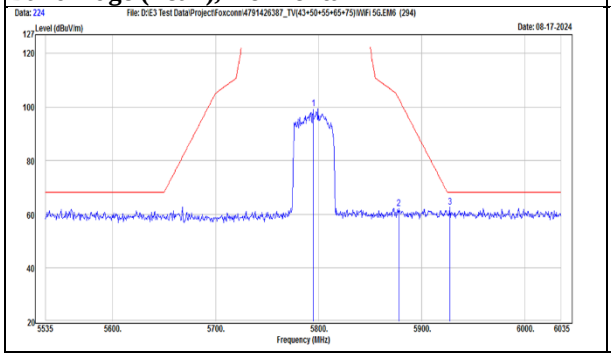
TX, 802.11ax(HE40) (Ch 151)
Band Edge (Peak), Vertical



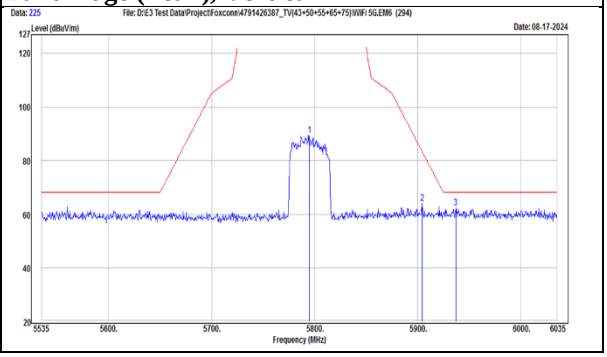
Mode	802.11ax(HE40)	Channel	159

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5795	78.39	20.97	99.36	N/A	N/A	PK
		5878	40.61	21.49	62.1	102.97	-40.87	PK
		5927.5	41.32	21.55	62.87	68.2	-5.33	PK
Vertical	@	5795	68.49	20.97	89.46	N/A	N/A	PK
		5904.5	42.64	21.52	64.16	83.33	-19.17	PK
		5937	40.96	21.56	62.52	68.2	-5.68	PK

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



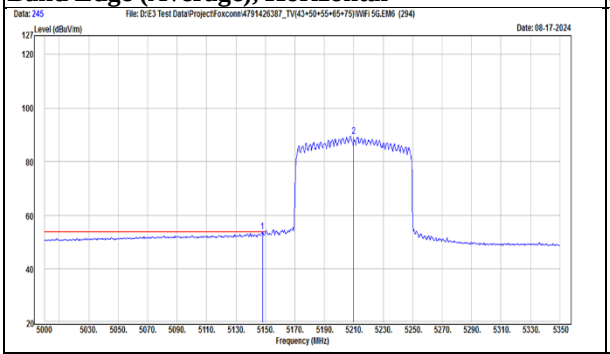
TX, 802.11ax(HE40) (Ch 159)
Band Edge (Peak), Vertical



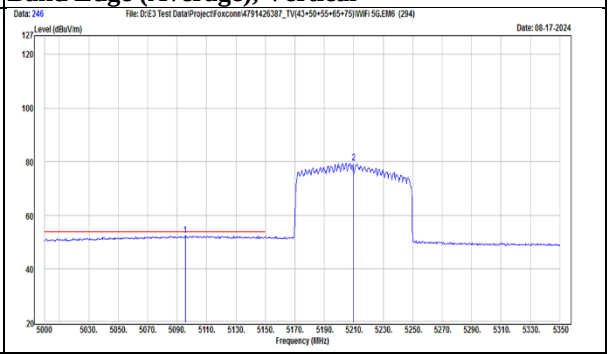
Mode	802.11ax(HE80)	Channel	42

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5076.65	42.92	19.83	62.75	74	-11.25	PK
		5148.05	33.74	20.06	53.8	54	-0.2	AVG
	@	5210	78.06	19.91	97.97	N/A	N/A	PK
	@	5210	69.63	19.91	89.54	N/A	N/A	AVG
Vertical		5095.55	32.44	19.97	52.41	54	-1.59	AVG
		5124.6	42.39	20.03	62.42	74	-11.58	PK
	@	5210	65.59	19.91	85.5	N/A	N/A	PK
	@	5210	59.55	19.91	79.46	N/A	N/A	AVG

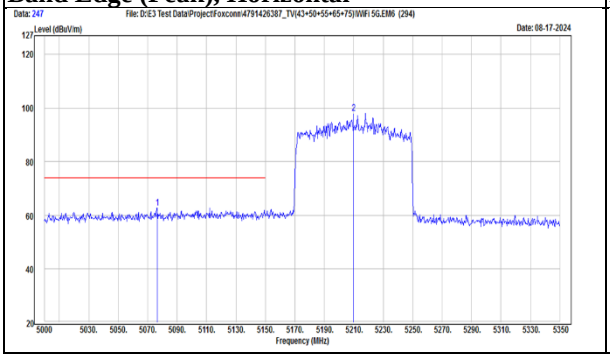
TX, 802.11ax(HE80) (Ch 42)
Band Edge (Average), Horizontal



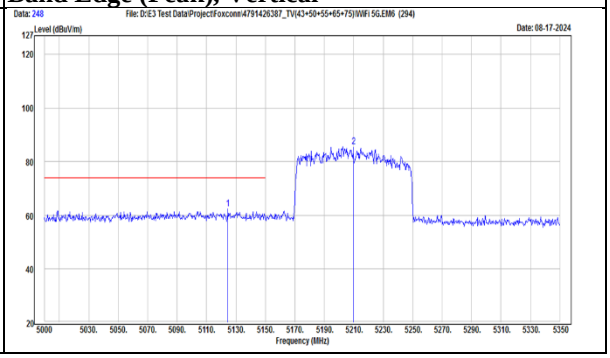
TX, 802.11ax(HE80) (Ch 42)
Band Edge (Average), Vertical



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



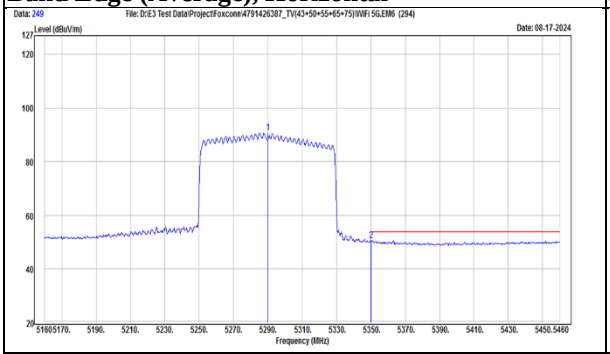
TX, 802.11ax(HE80) (Ch 42)
Band Edge (Peak), Vertical



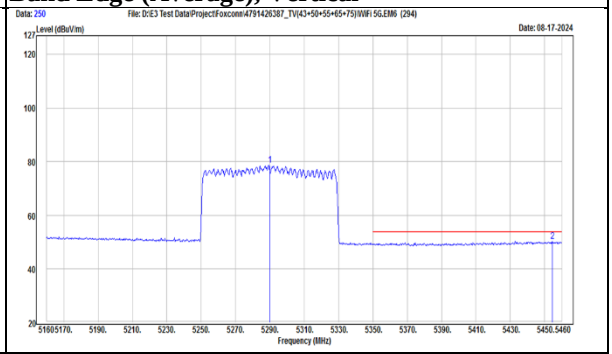
Mode	802.11ax(HE80)	Channel	58

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5290	79.32	19.6	98.92	N/A	N/A	PK
	@	5290	71.37	19.6	90.97	N/A	N/A	AVG
		5350.2	30.95	19.59	50.54	54	-3.46	AVG
		5374.2	40.69	19.76	60.45	74	-13.55	PK
Vertical	@	5290	66.79	19.6	86.39	N/A	N/A	PK
	@	5290	59.16	19.6	78.76	N/A	N/A	AVG
		5429.1	40.61	20.09	60.7	74	-13.3	PK
		5454.6	30.16	20.23	50.39	54	-3.61	AVG

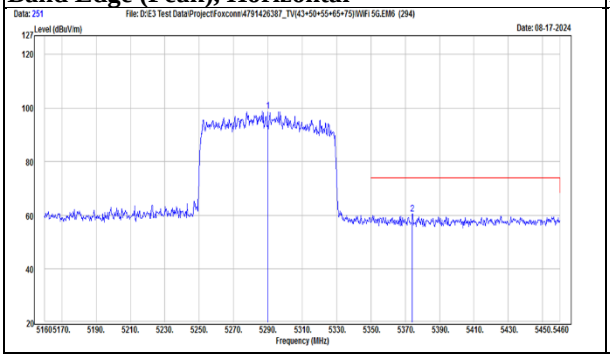
TX, 802.11ax(HE80) (Ch 58)
Band Edge (Average), Horizontal



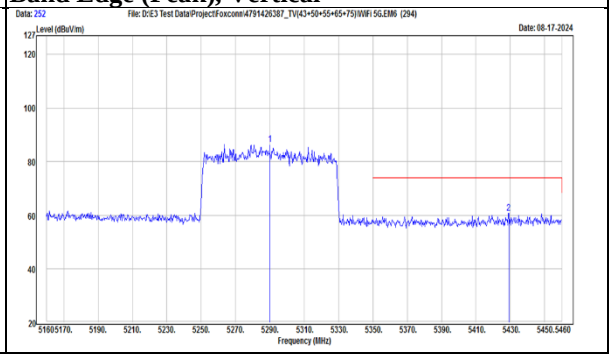
TX, 802.11ax(HE80) (Ch 58)
Band Edge (Average), Vertical



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



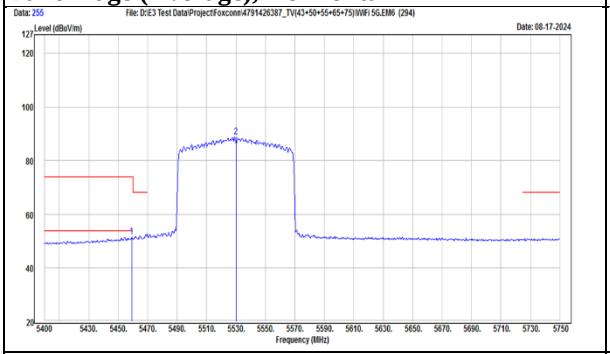
TX, 802.11ax(HE80) (Ch 58)
Band Edge (Peak), Vertical



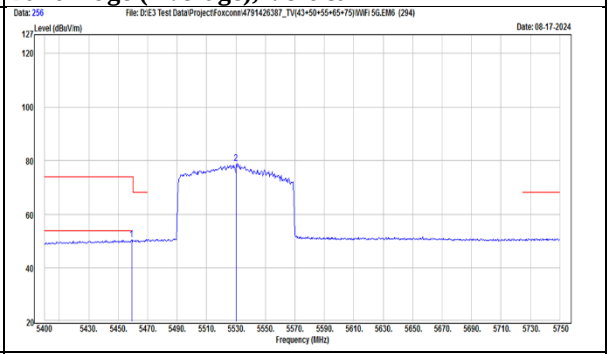
Mode	802.11ax(HE80)	Channel	106

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5445.5	39.84	20.17	60.01	74	-13.99	PK
		5459.15	31.54	20.24	51.78	54	-2.22	AVG
		5468.6	41.05	20.29	61.34	68.2	-6.86	PK
	@	5530	77.2	20.54	97.74	N/A	N/A	PK
	@	5530	68.37	20.54	88.91	N/A	N/A	AVG
Vertical		5440.6	40.23	20.15	60.38	74	-13.62	PK
		5459.15	30.24	20.24	50.48	54	-3.52	AVG
		5462.65	39.91	20.26	60.17	68.2	-8.03	PK
	@	5530	67.12	20.54	87.66	N/A	N/A	PK
	@	5530	58.34	20.54	78.88	N/A	N/A	AVG

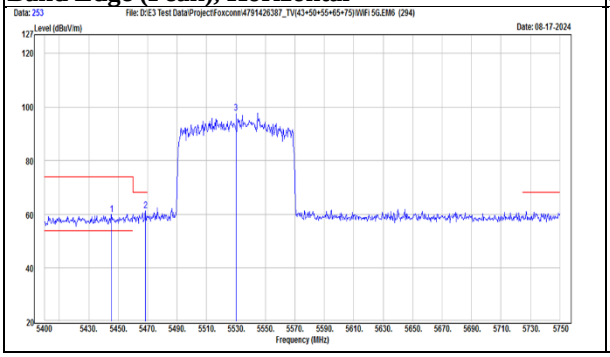
TX, 802.11ax(HE80) (Ch 106)
Band Edge (Average), Horizontal



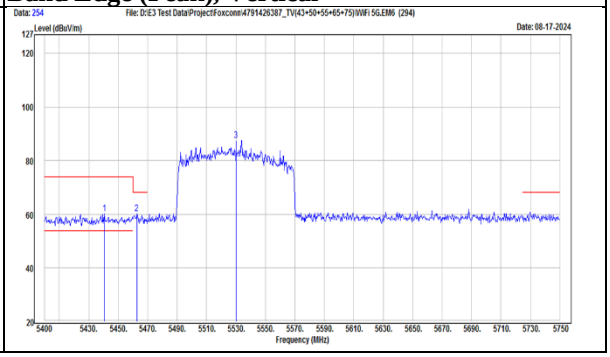
TX, 802.11ax(HE80) (Ch 106)
Band Edge (Average), Vertical



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



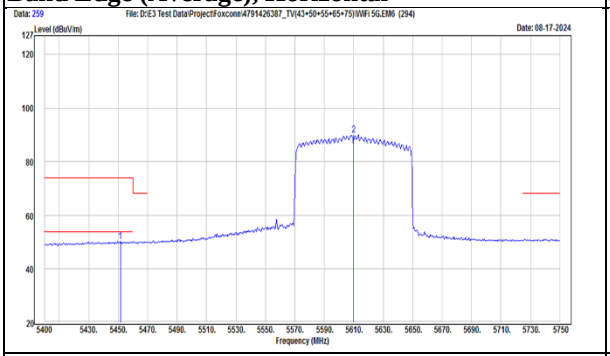
TX, 802.11ax(HE80) (Ch 106)
Band Edge (Peak), Vertical



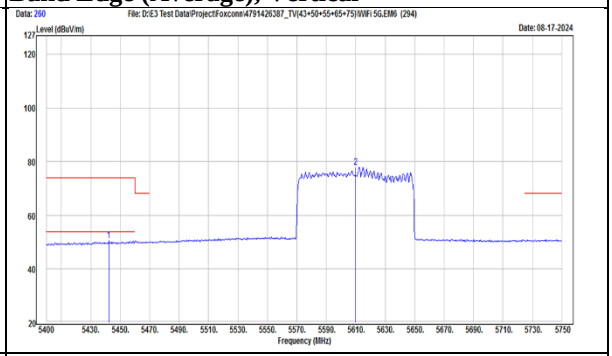
Mode	802.11ax(HE80)	Channel	122

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5443.75	39.18	20.16	59.34	74	-14.66	PK
		5451.45	30.09	20.21	50.3	54	-3.7	AVG
		5465.1	39.59	20.27	59.86	68.2	-8.34	PK
	@	5610	78.21	20.54	98.75	N/A	N/A	PK
	@	5610	69.46	20.54	90	N/A	N/A	AVG
		5742.3	40.87	20.59	61.46	68.2	-6.74	PK
Vertical		5442.35	30.34	20.16	50.5	54	-3.5	AVG
		5456.35	40.43	20.23	60.66	74	-13.34	PK
		5465.1	40.81	20.27	61.08	68.2	-7.12	PK
	@	5610	63.6	20.54	84.14	N/A	N/A	PK
	@	5610	57.39	20.54	77.93	N/A	N/A	AVG
		5737.4	40.21	20.55	60.76	68.2	-7.44	PK

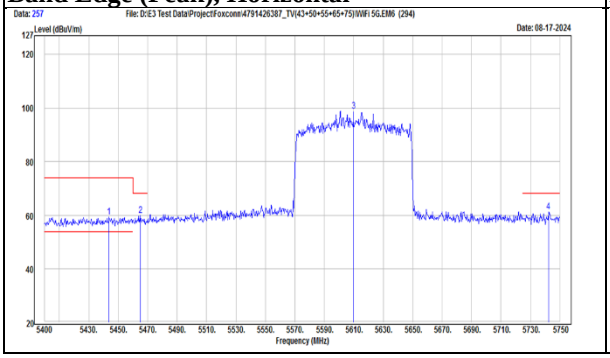
TX, 802.11ax(HE80) (Ch 122)
Band Edge (Average), Horizontal



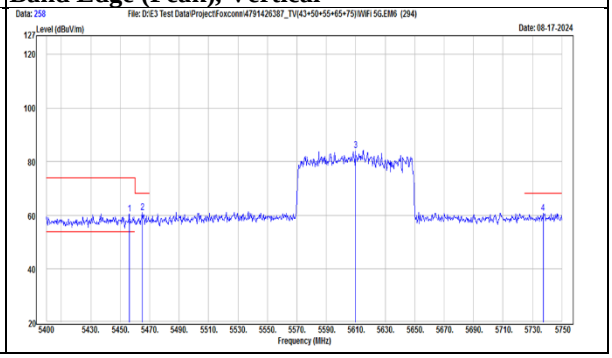
TX, 802.11ax(HE80) (Ch 122)
Band Edge (Average), Vertical



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



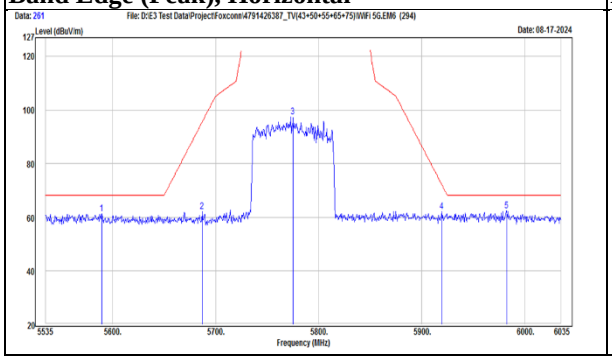
TX, 802.11ax(HE80) (Ch 122)
Band Edge (Peak), Vertical



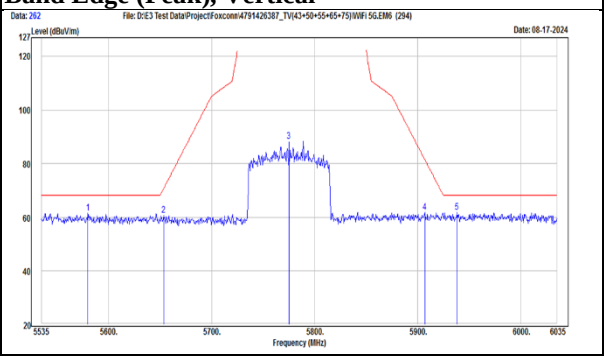
Mode	802.11ax(HE80)	Channel	155

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5589.5	40.74	20.58	61.32	68.2	-6.88	PK
		5687	41.99	20.32	62.31	95.61	-33.3	PK
	@	5775	76.75	20.83	97.58	N/A	N/A	PK
		5919.5	40.66	21.54	62.2	72.25	-10.05	PK
		5982.5	40.67	21.68	62.35	68.2	-5.85	PK
Vertical		5580	41.09	20.59	61.68	68.2	-6.52	PK
		5653.5	40.53	20.42	60.95	70.8	-9.85	PK
	@	5775	67.57	20.83	88.4	N/A	N/A	PK
		5907	40.26	21.52	61.78	81.48	-19.7	PK
		5938	40.45	21.57	62.02	68.2	-6.18	PK

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



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

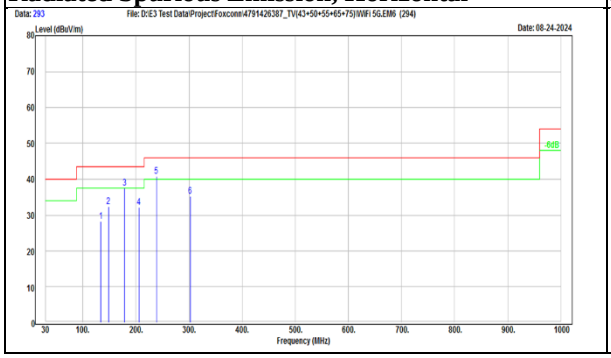


Below 1 GHz

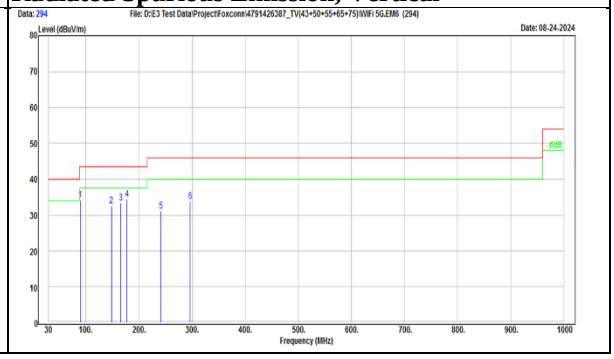
Mode	802.11a	Channel	36

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		133.79	41.32	-13.01	28.31	43.5	-15.19	PK
		148.34	44.24	-11.84	32.4	43.5	-11.1	PK
		178.41	50.17	-12.56	37.61	43.5	-5.89	PK
		205.57	46.75	-14.63	32.12	43.5	-11.38	PK
		238.55	53.54	-12.71	40.83	46	-5.17	PK
		302.57	45.51	-10.29	35.22	46	-10.78	PK
Vertical		90.14	51.87	-17.64	34.23	43.5	-9.27	PK
		148.34	44.4	-11.84	32.56	43.5	-10.94	PK
		165.8	44.81	-11.51	33.3	43.5	-10.2	PK
		177.44	46.91	-12.42	34.49	43.5	-9.01	PK
		241.46	43.61	-12.48	31.13	46	-14.87	PK
		296.75	44.2	-10.38	33.82	46	-12.18	PK

TX, 802.11a (Ch 36)
Radiated Spurious Emission, Horizontal



TX, 802.11a (Ch 36)
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.

9.8. AC Power Line Conducted Emission

Requirements

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

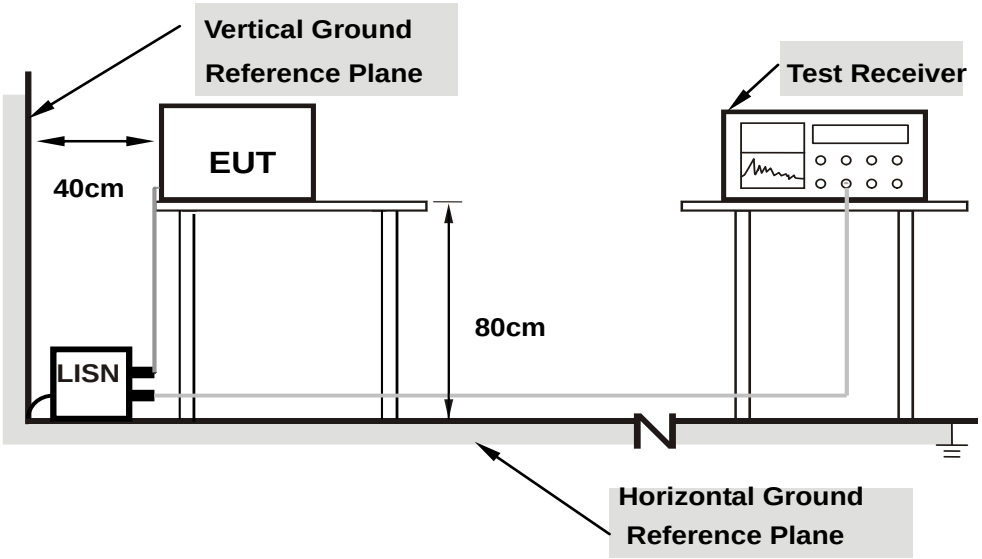
Note:
1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

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 (dBuV) = Reading value (dBuV) + Correction Factor (dB).
4. Test data of Margin(dB) = Result value (dBuV) - Limit value (dBuV).
5. Test data of Correction Factor (dB) = Insertion loss(dB) + Cable loss(dB).

Test Setup



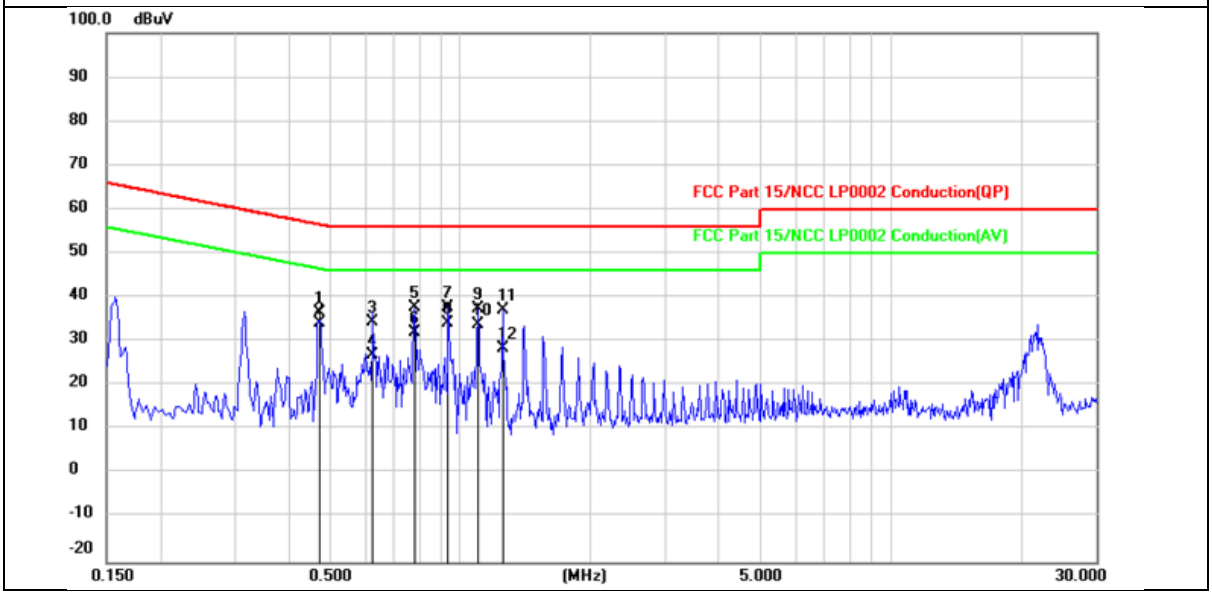
Note: 1.Support units were connected to second LISN.

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

Test Data

Mode	11a_TX5180	Channel	36

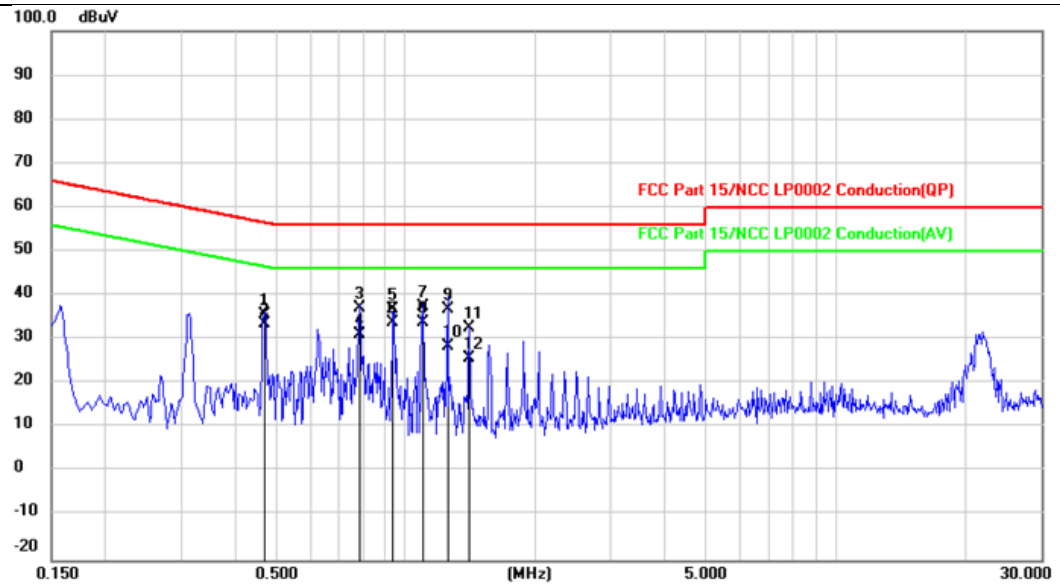
Phase: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4693	26.66	9.95	36.61	56.53	-19.92	QP
2	0.4693	24.24	9.95	34.19	46.53	-12.34	AVG
3	0.6256	24.45	9.96	34.41	56.00	-21.59	QP
4	0.6256	16.86	9.96	26.82	46.00	-19.18	AVG
5	0.7819	27.83	9.96	37.79	56.00	-18.21	QP
6	0.7819	22.13	9.96	32.09	46.00	-13.91	AVG
7	0.9377	27.93	9.97	37.90	56.00	-18.10	QP
8	0.9377	24.31	9.97	34.28	46.00	-11.72	AVG
9	1.0951	27.46	9.98	37.44	56.00	-18.56	QP
10	1.0951	24.00	9.98	33.98	46.00	-12.02	AVG
11	1.2517	27.04	9.99	37.03	56.00	-18.97	QP
12	1.2517	18.45	9.99	28.44	46.00	-17.56	AVG

Mode	11a_TX5180	Channel	36

Phase: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4696	25.78	9.95	35.73	56.52	-20.79	QP
2	0.4696	23.55	9.95	33.50	46.52	-13.02	AVG
3	0.7802	27.16	9.96	37.12	56.00	-18.88	QP
4	0.7802	21.05	9.96	31.01	46.00	-14.99	AVG
5	0.9384	26.86	9.96	36.82	56.00	-19.18	QP
6	0.9384	24.01	9.96	33.97	46.00	-12.03	AVG
7	1.0945	27.35	9.97	37.32	56.00	-18.68	QP
8	1.0945	23.77	9.97	33.74	46.00	-12.26	AVG
9	1.2515	26.99	9.98	36.97	56.00	-19.03	QP
10	1.2515	18.62	9.98	28.60	46.00	-17.40	AVG
11	1.4065	22.68	9.99	32.67	56.00	-23.33	QP
12	1.4065	15.84	9.99	25.83	46.00	-20.17	AVG

END OF REPORT