



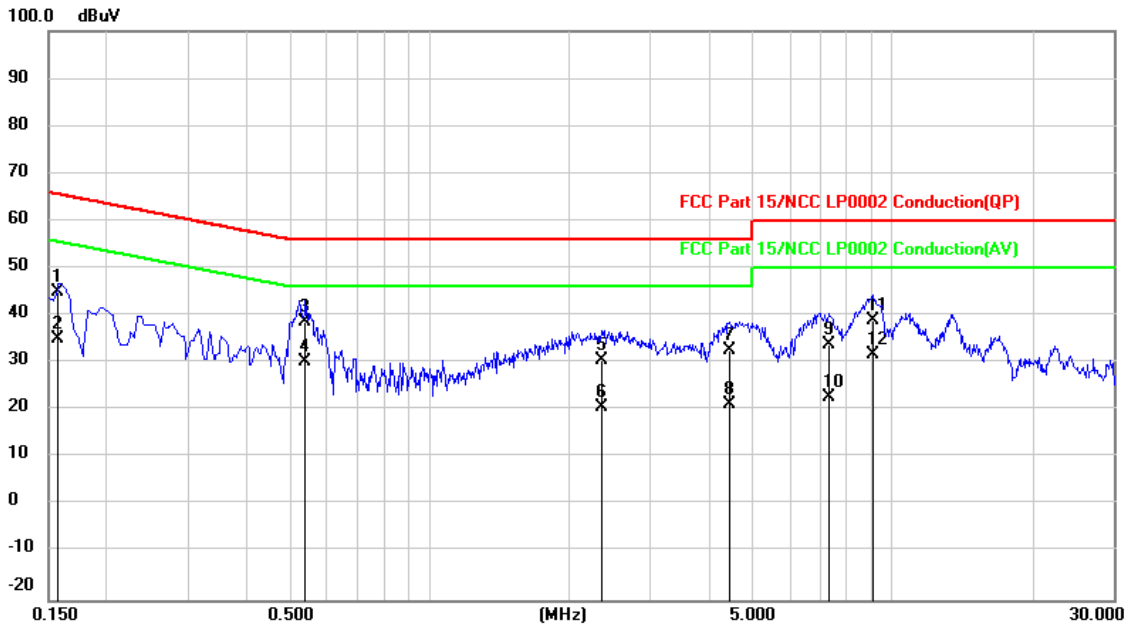
Test Data

Non-Beamforming mode

802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	150 kHz ~ 30 MHz

Phase of Power : Line (L)



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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789813598-US-R1-V0
Page : 114 of 157
Issued date : 2021/8/16
FCC ID : 2AAJXQS-IQWIFI6

No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	25.32	19.50	44.82	65.57	-20.75	QP
2	0.1580	15.68	19.50	35.18	55.57	-20.39	AVG
3	0.5380	19.28	19.49	38.77	56.00	-17.23	QP
4	0.5380	10.71	19.49	30.20	46.00	-15.80	AVG
5	2.3460	10.90	19.54	30.44	56.00	-25.56	QP
6	2.3460	1.17	19.54	20.71	46.00	-25.29	AVG
7	4.4340	12.99	19.58	32.57	56.00	-23.43	QP
8	4.4340	1.61	19.58	21.19	46.00	-24.81	AVG
9	7.2740	14.19	19.63	33.82	60.00	-26.18	QP
10	7.2740	3.22	19.63	22.85	50.00	-27.15	AVG
11	9.0900	19.30	19.66	38.96	60.00	-21.04	QP
12	9.0900	12.00	19.66	31.66	50.00	-18.34	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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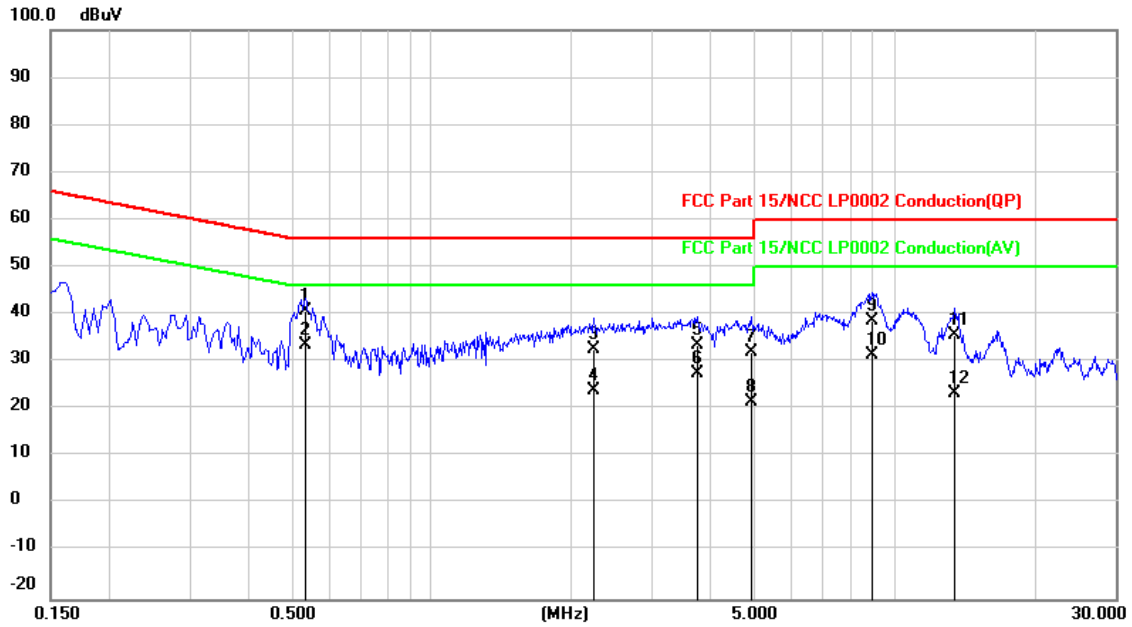
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Doc No: 17-EM-F0878 / 5.0



Phase of Power : Neutral (N)



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Doc No: 17-EM-F0878 / 5.0



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5340	21.36	19.49	40.85	56.00	-15.15	QP
2	0.5340	14.08	19.49	33.57	46.00	-12.43	AVG
3	2.2460	13.16	19.53	32.69	56.00	-23.31	QP
4	2.2460	4.35	19.53	23.88	46.00	-22.12	AVG
5	3.7500	13.98	19.57	33.55	56.00	-22.45	QP
6	3.7500	7.93	19.57	27.50	46.00	-18.50	AVG
7	4.9220	12.43	19.60	32.03	56.00	-23.97	QP
8	4.9220	1.82	19.60	21.42	46.00	-24.58	AVG
9	8.9220	19.04	19.67	38.71	60.00	-21.29	QP
10	8.9220	11.67	19.67	31.34	50.00	-18.66	AVG
11	13.5380	15.91	19.74	35.65	60.00	-24.35	QP
12	13.5380	3.62	19.74	23.36	50.00	-26.64	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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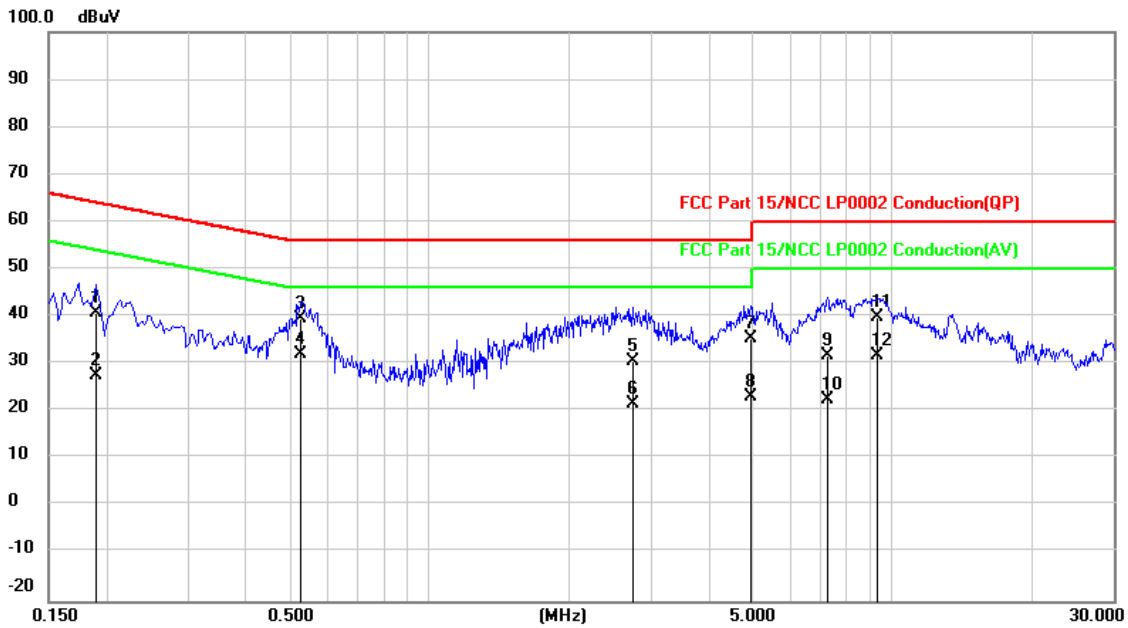


Co-location mode

802.11b + 802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 11 + Channel 149	Frequency Range	150 kHz ~ 30 MHz

Phase of Power : Line (L)



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Test report No. : 4789813598-US-R1-V0
Page : 118 of 157
Issued date : 2021/8/16
FCC ID : 2AAJXQS-IQWIFI6

No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1900	21.32	19.49	40.81	64.04	-23.23	QP
2	0.1900	7.94	19.49	27.43	54.04	-26.61	AVG
3	0.5260	20.14	19.49	39.63	56.00	-16.37	QP
4	0.5260	12.55	19.49	32.04	46.00	-13.96	AVG
5	2.7500	10.90	19.54	30.44	56.00	-25.56	QP
6	2.7500	1.89	19.54	21.43	46.00	-24.57	AVG
7	4.9340	15.75	19.60	35.35	56.00	-20.65	QP
8	4.9340	3.60	19.60	23.20	46.00	-22.80	AVG
9	7.2460	12.25	19.63	31.88	60.00	-28.12	QP
10	7.2460	2.91	19.63	22.54	50.00	-27.46	AVG
11	9.2700	20.17	19.67	39.84	60.00	-20.16	QP
12	9.2700	12.18	19.67	31.85	50.00	-18.15	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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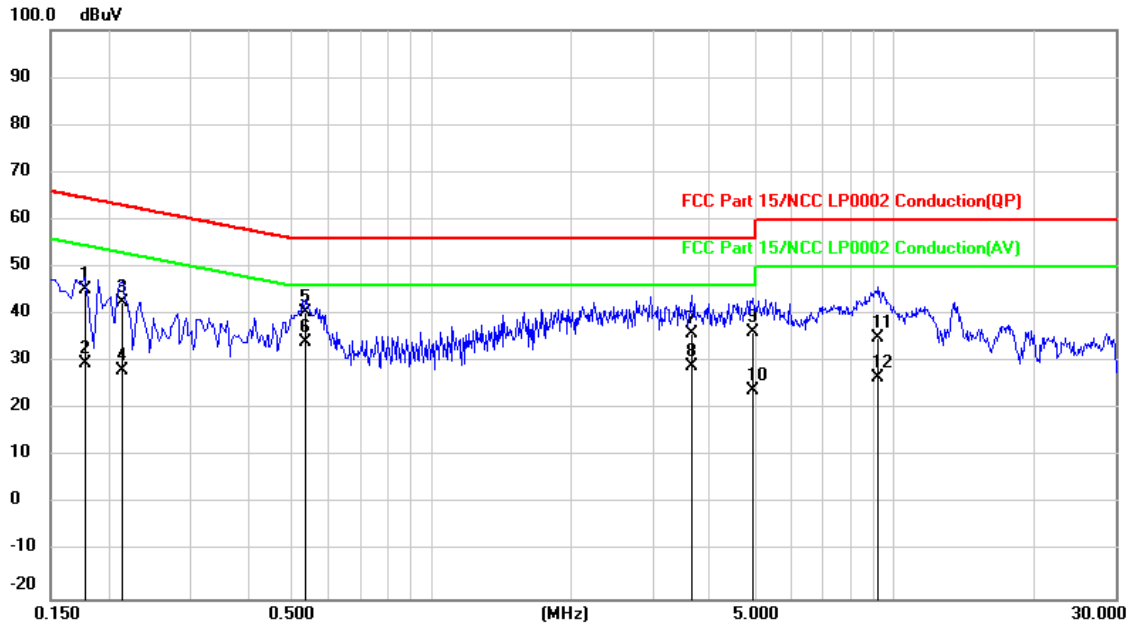
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Phase of Power : Neutral (N)



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No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1780	25.63	19.49	45.12	64.58	-19.46	QP
2	0.1780	10.09	19.49	29.58	54.58	-25.00	AVG
3	0.2140	23.01	19.49	42.50	63.05	-20.55	QP
4	0.2140	8.63	19.49	28.12	53.05	-24.93	AVG
5	0.5340	20.89	19.49	40.38	56.00	-15.62	QP
6	0.5340	14.69	19.49	34.18	46.00	-11.82	AVG
7	3.6420	16.42	19.57	35.99	56.00	-20.01	QP
8	3.6420	9.36	19.57	28.93	46.00	-17.07	AVG
9	4.9460	16.77	19.60	36.37	56.00	-19.63	QP
10	4.9460	4.21	19.60	23.81	46.00	-22.19	AVG
11	9.2180	15.26	19.67	34.93	60.00	-25.07	QP
12	9.2180	6.98	19.67	26.65	50.00	-23.35	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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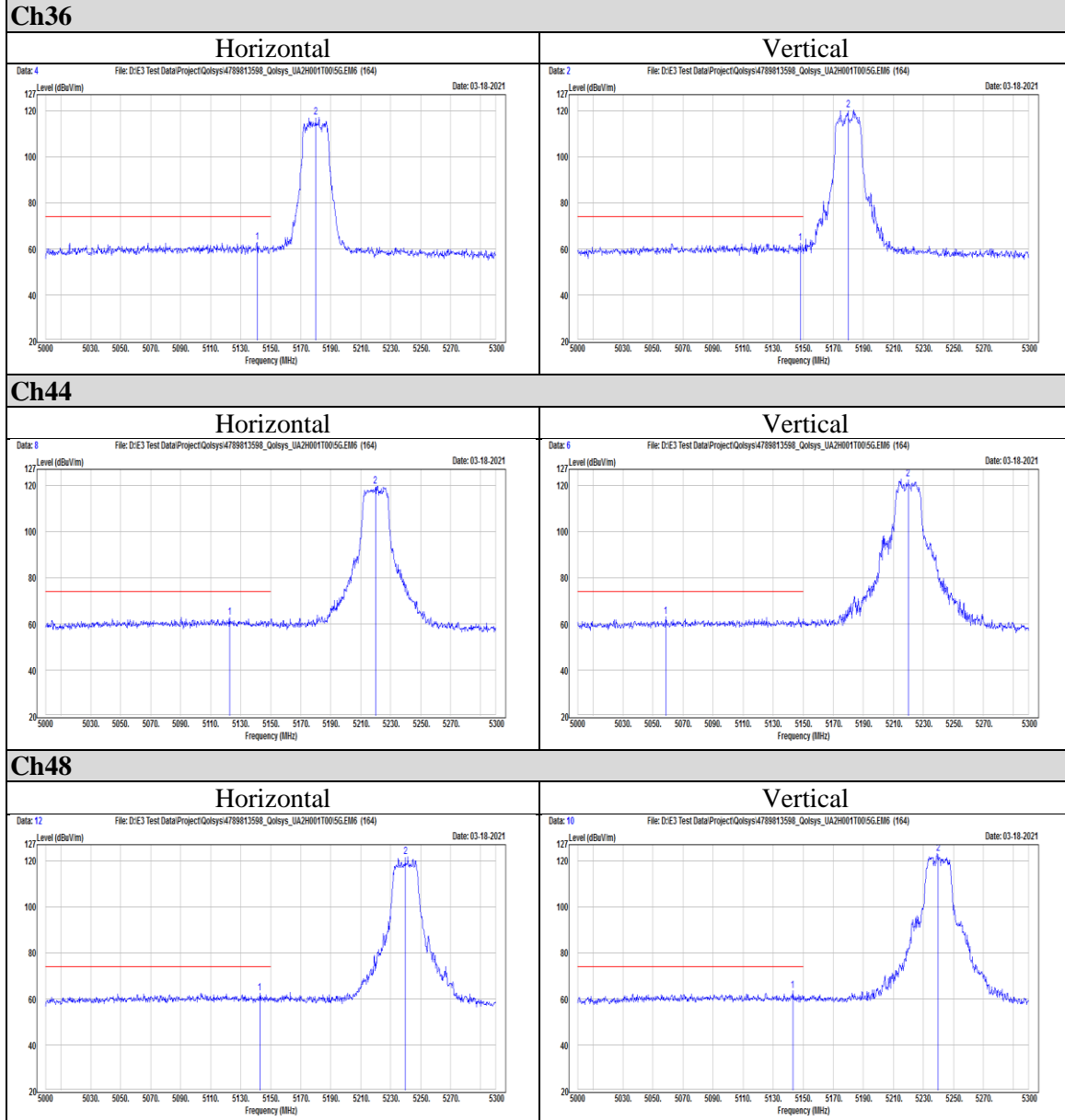


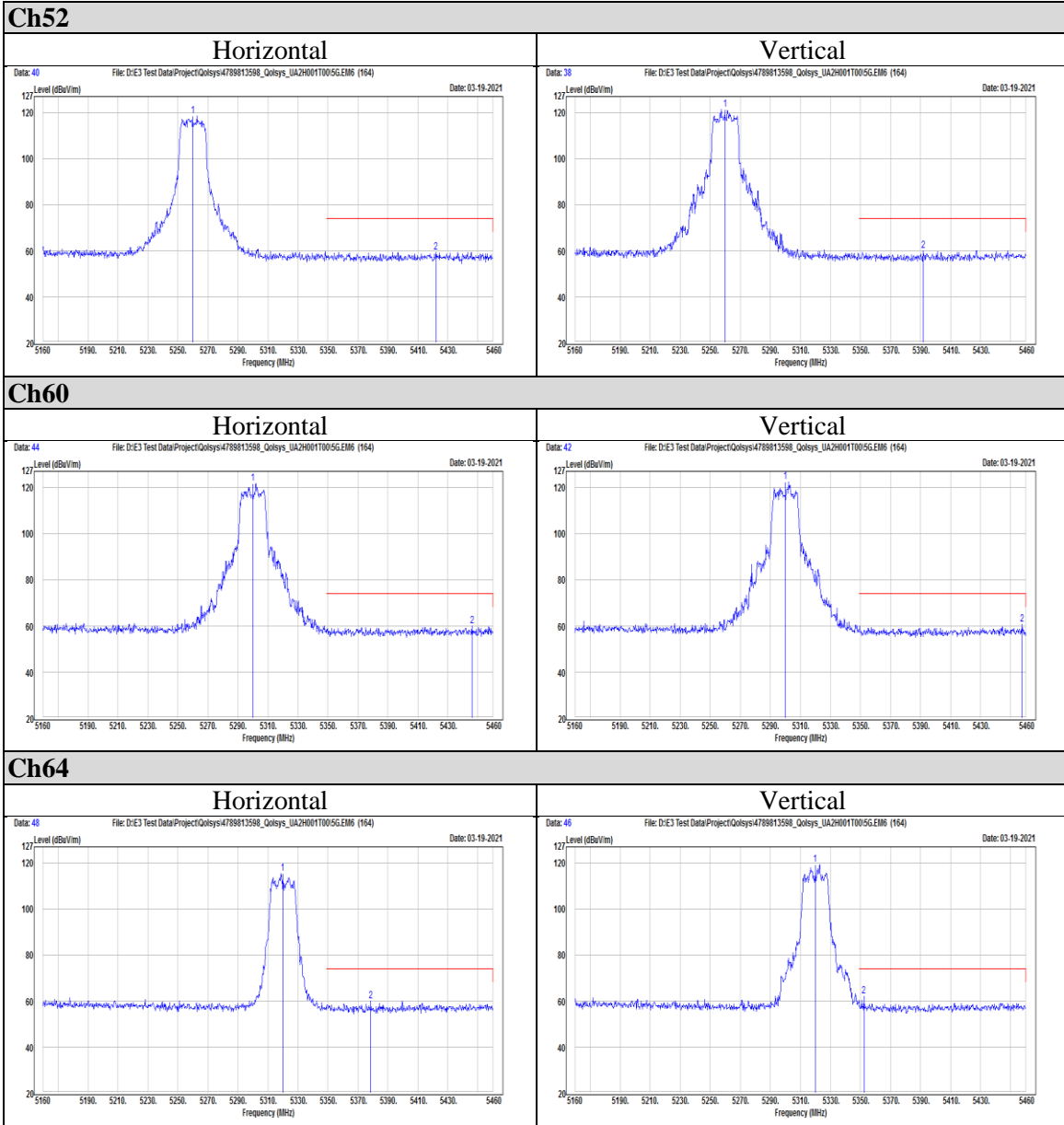
Appendix I Radiated Band Edge and OOB Measurement

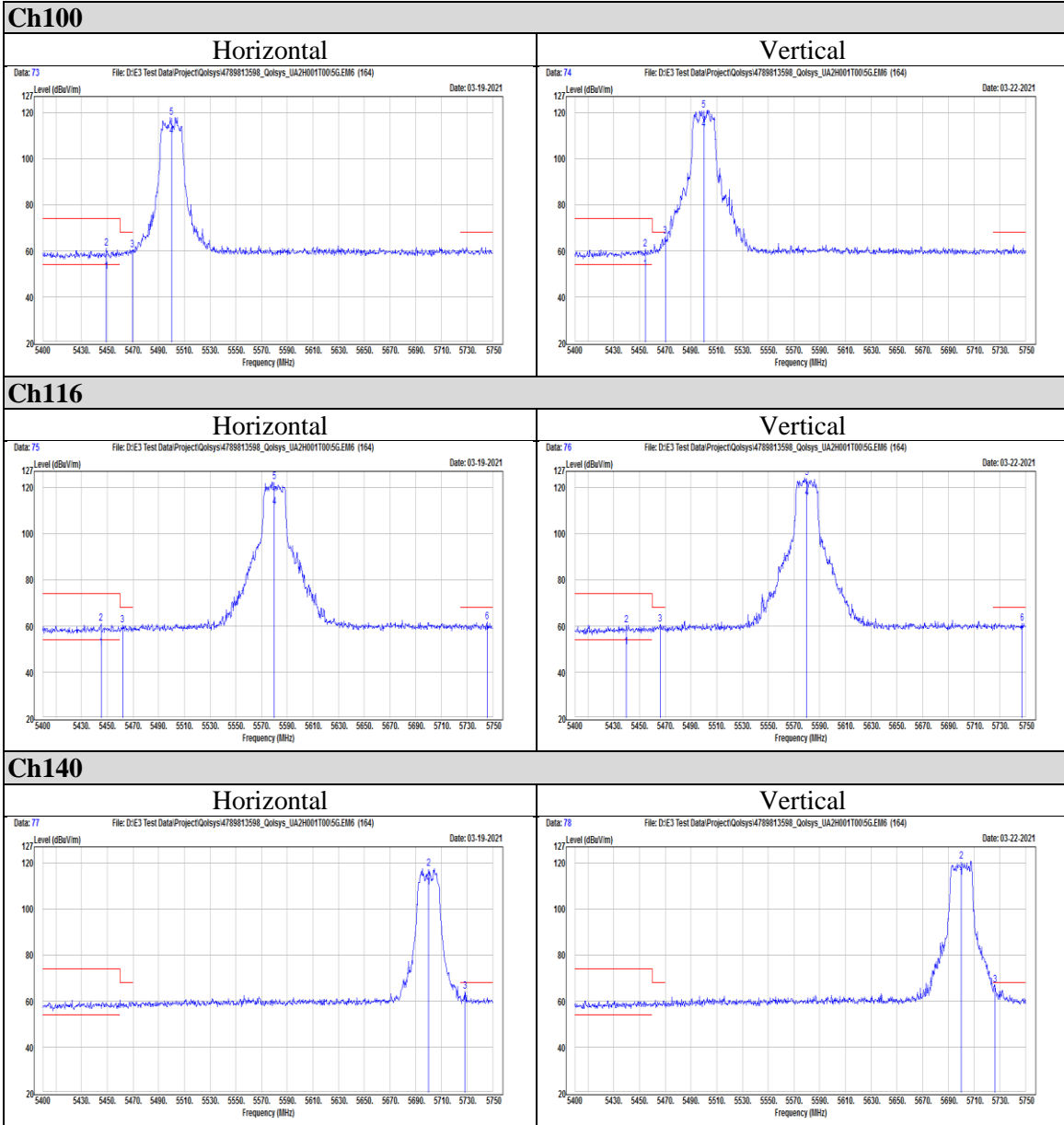
Non-Beamforming mode

802.11a

Peak





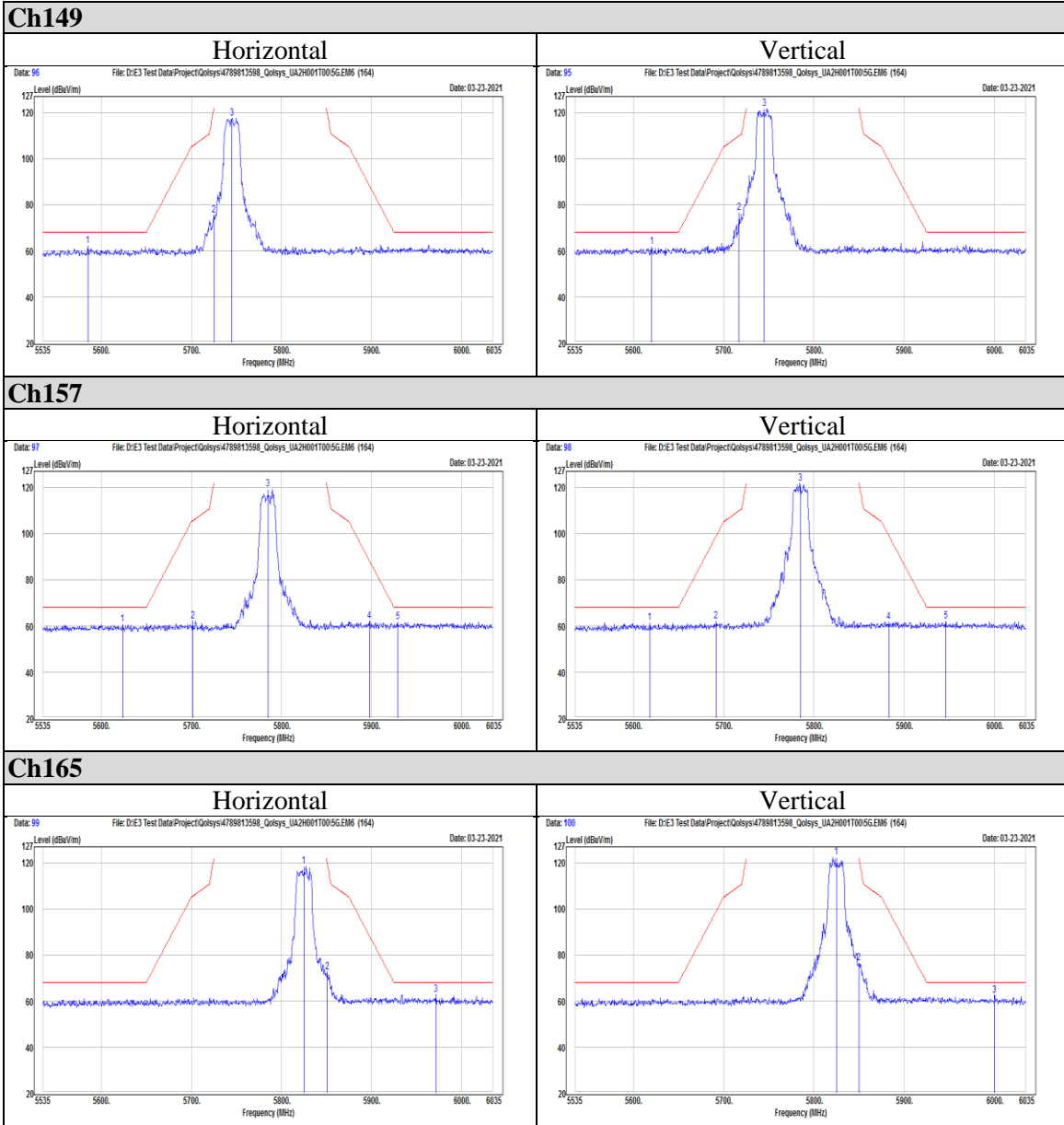


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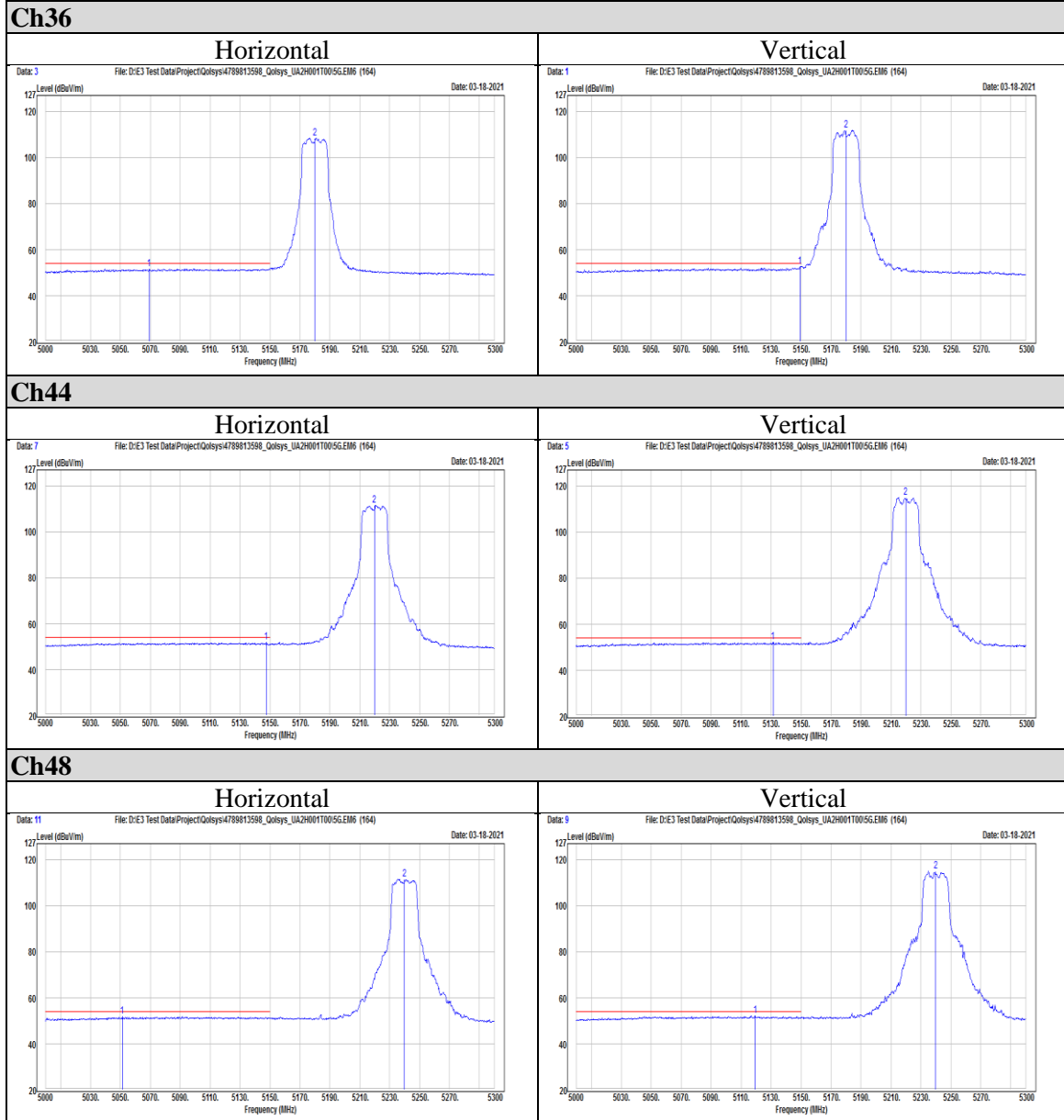
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Average

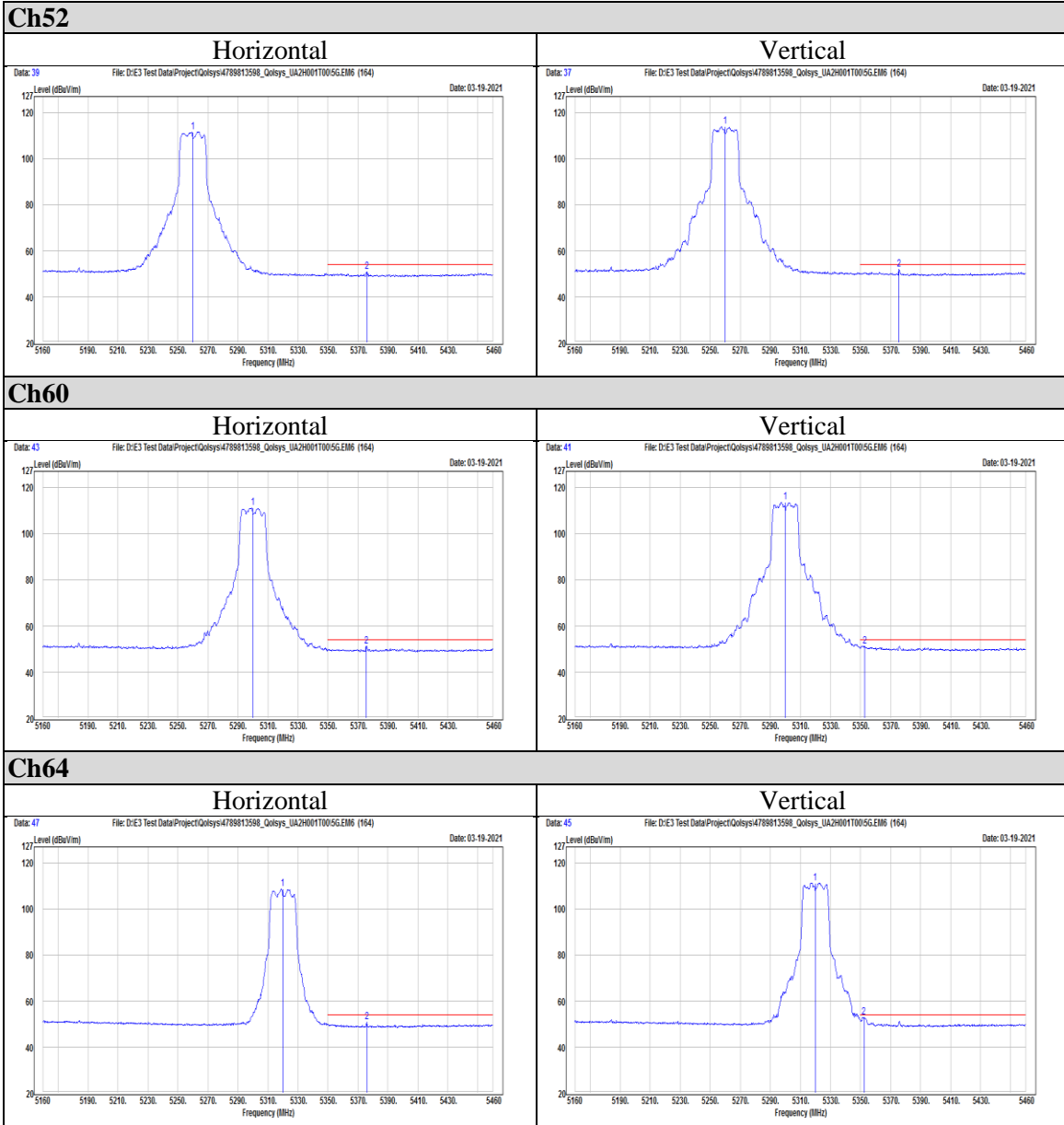


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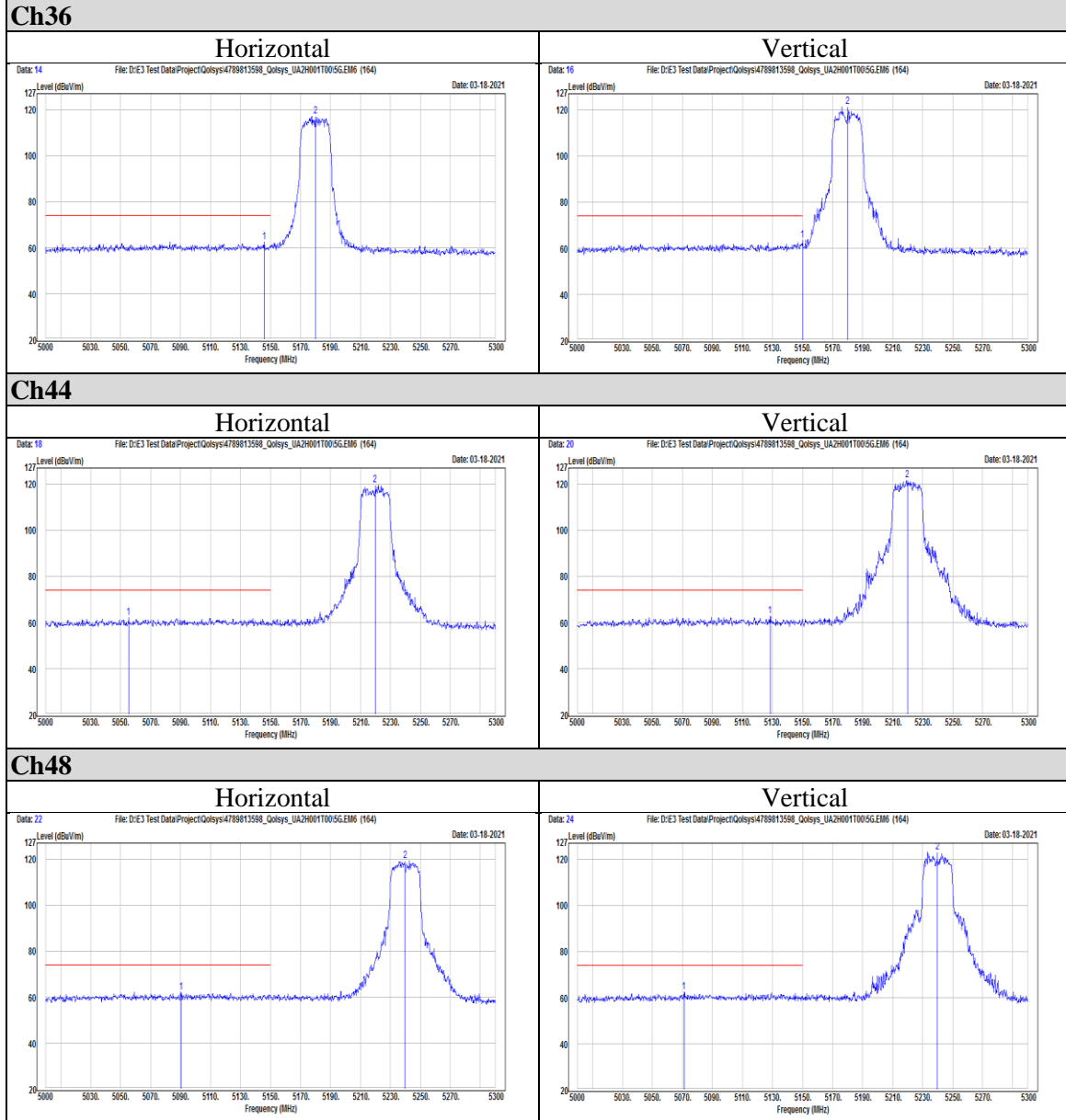
Telephone : +886-2-7737-3000

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802.11ax (HE20)

Peak

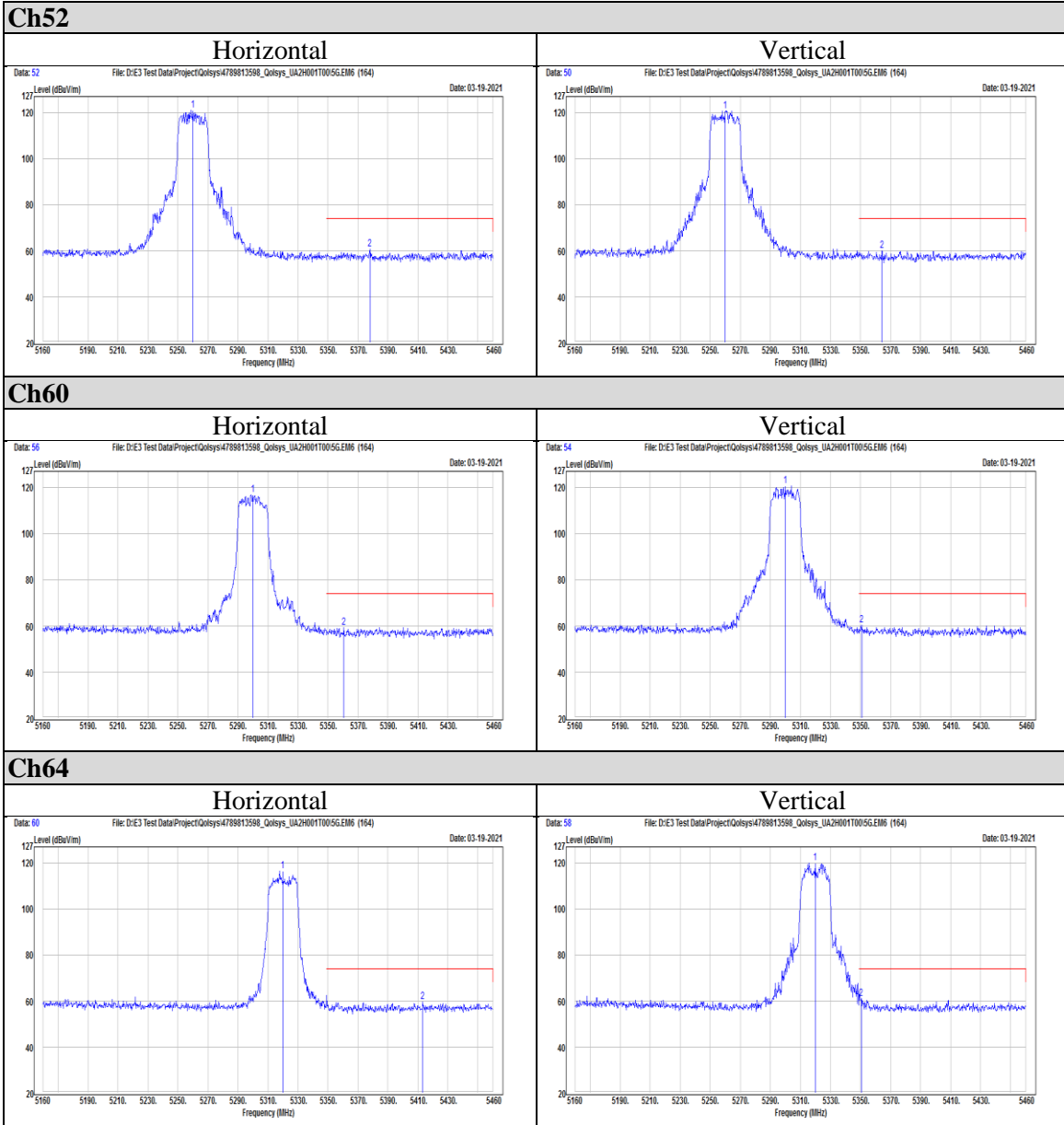


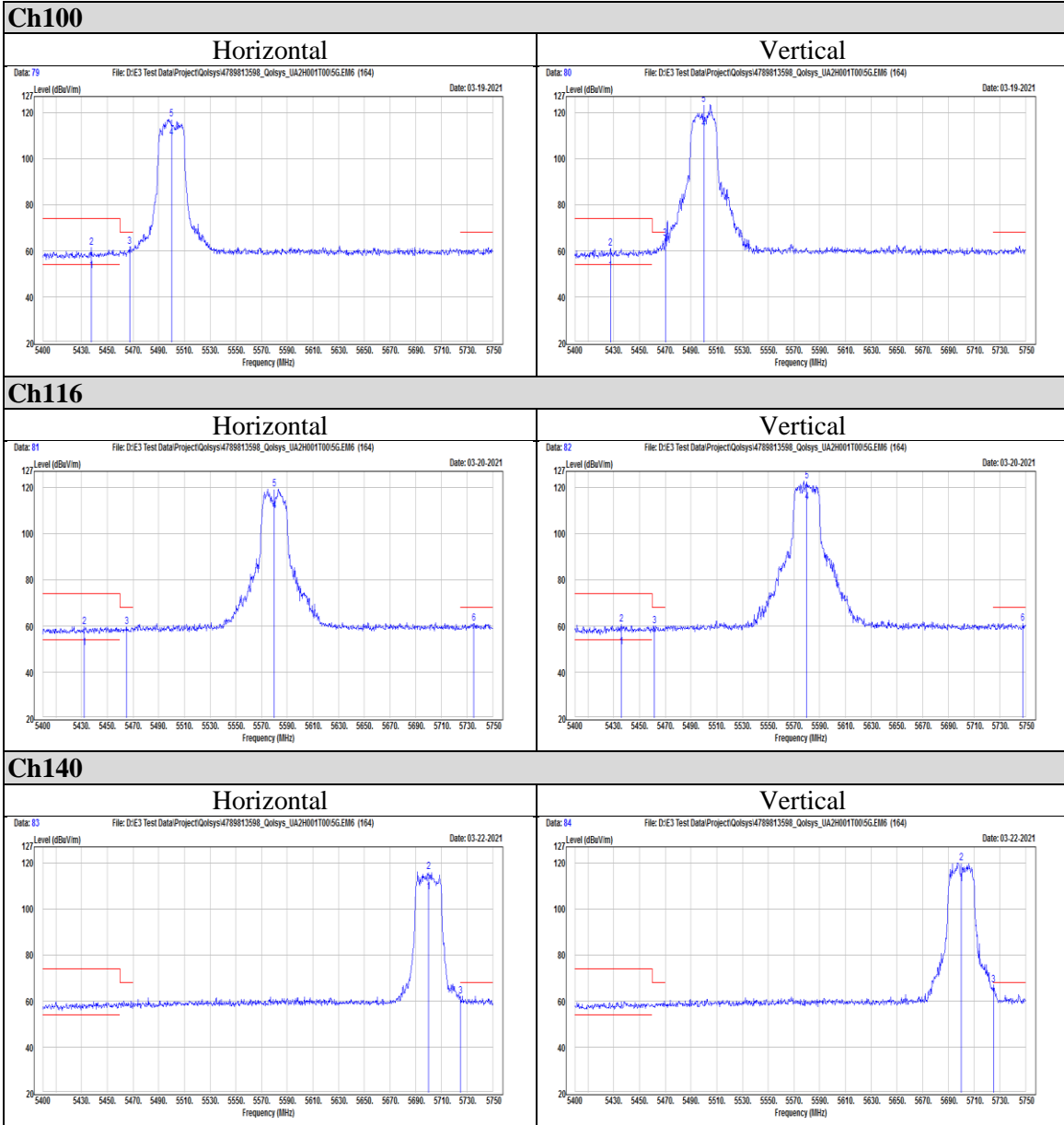
Underwriters Laboratories Taiwan Co., Ltd.

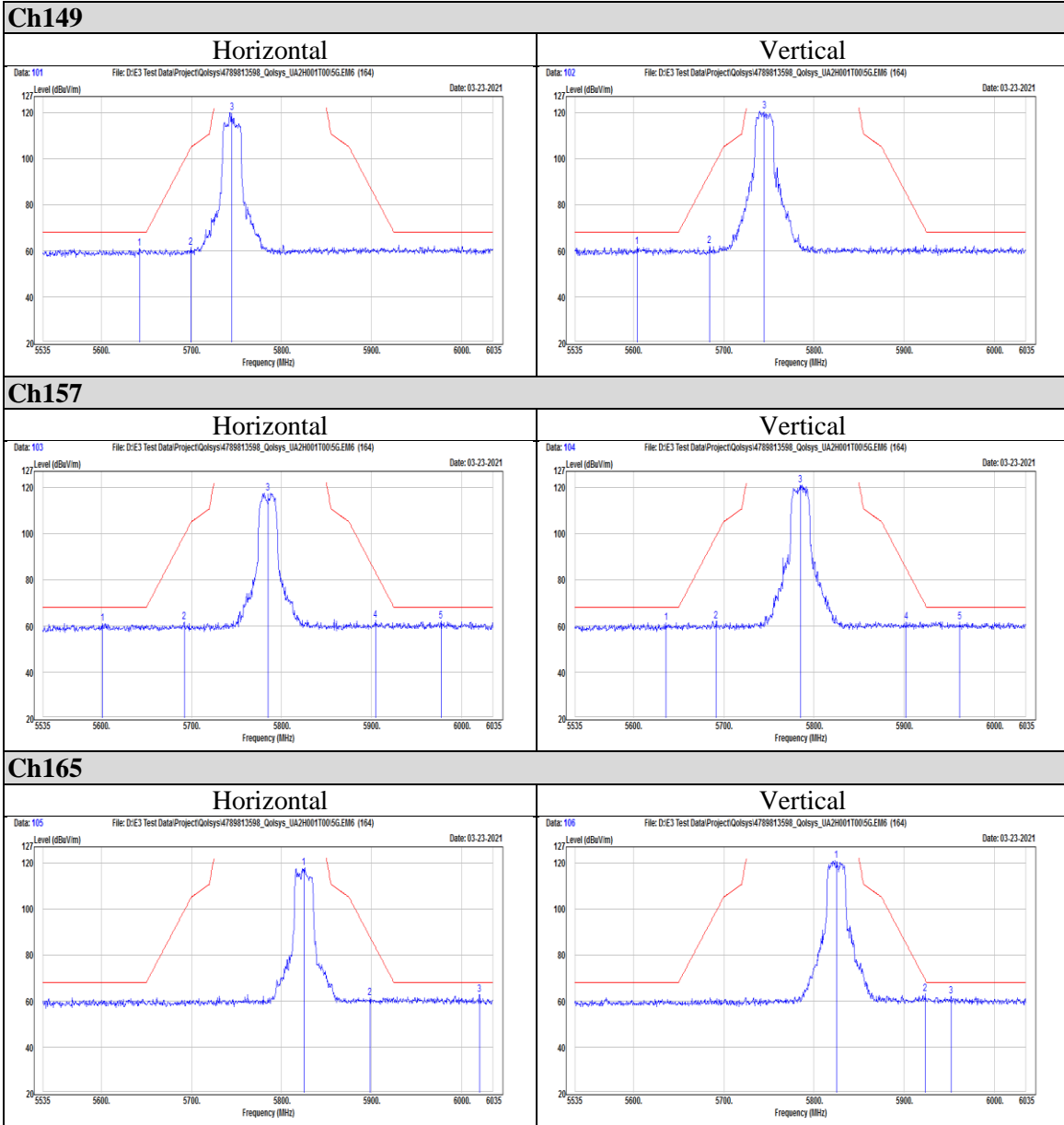
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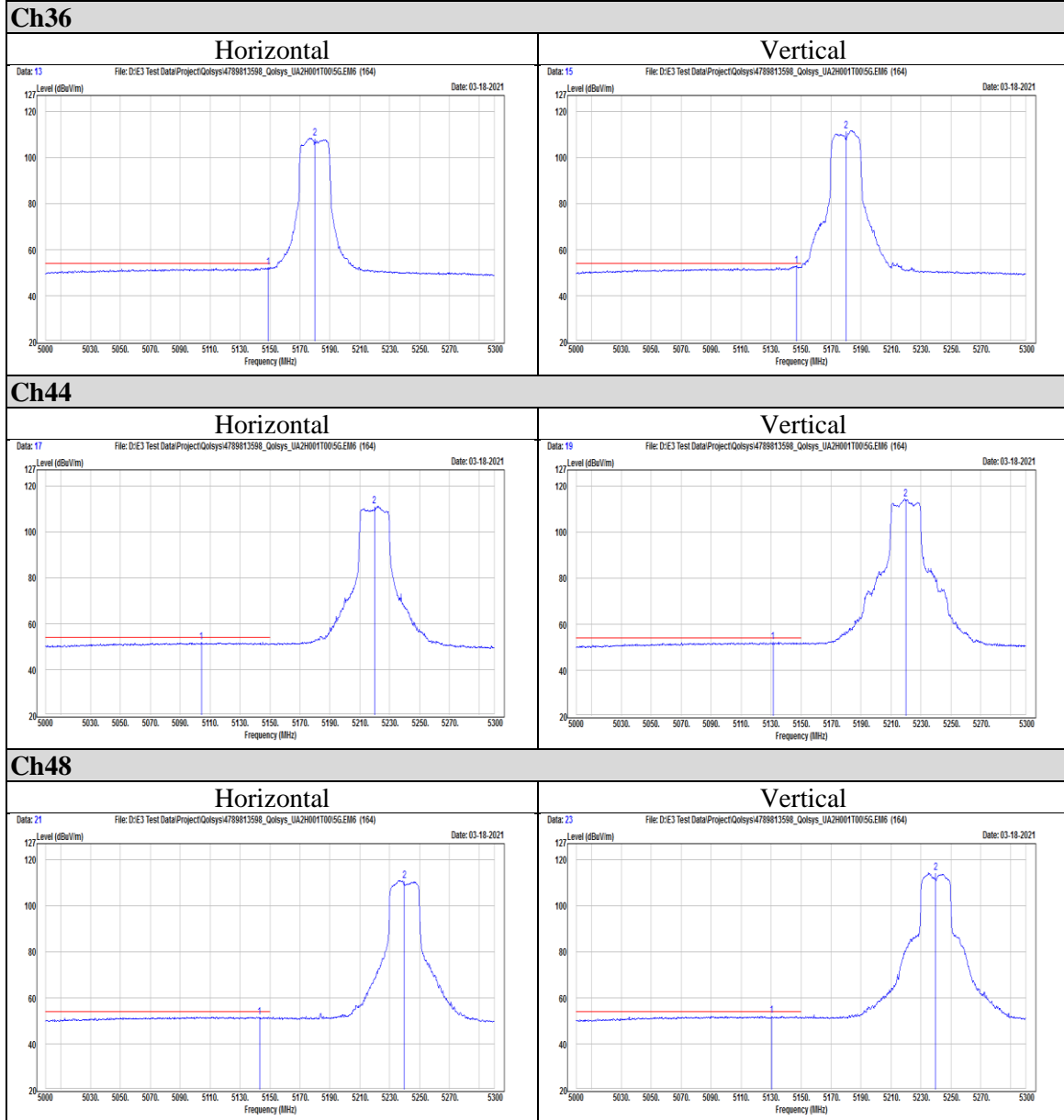








Average

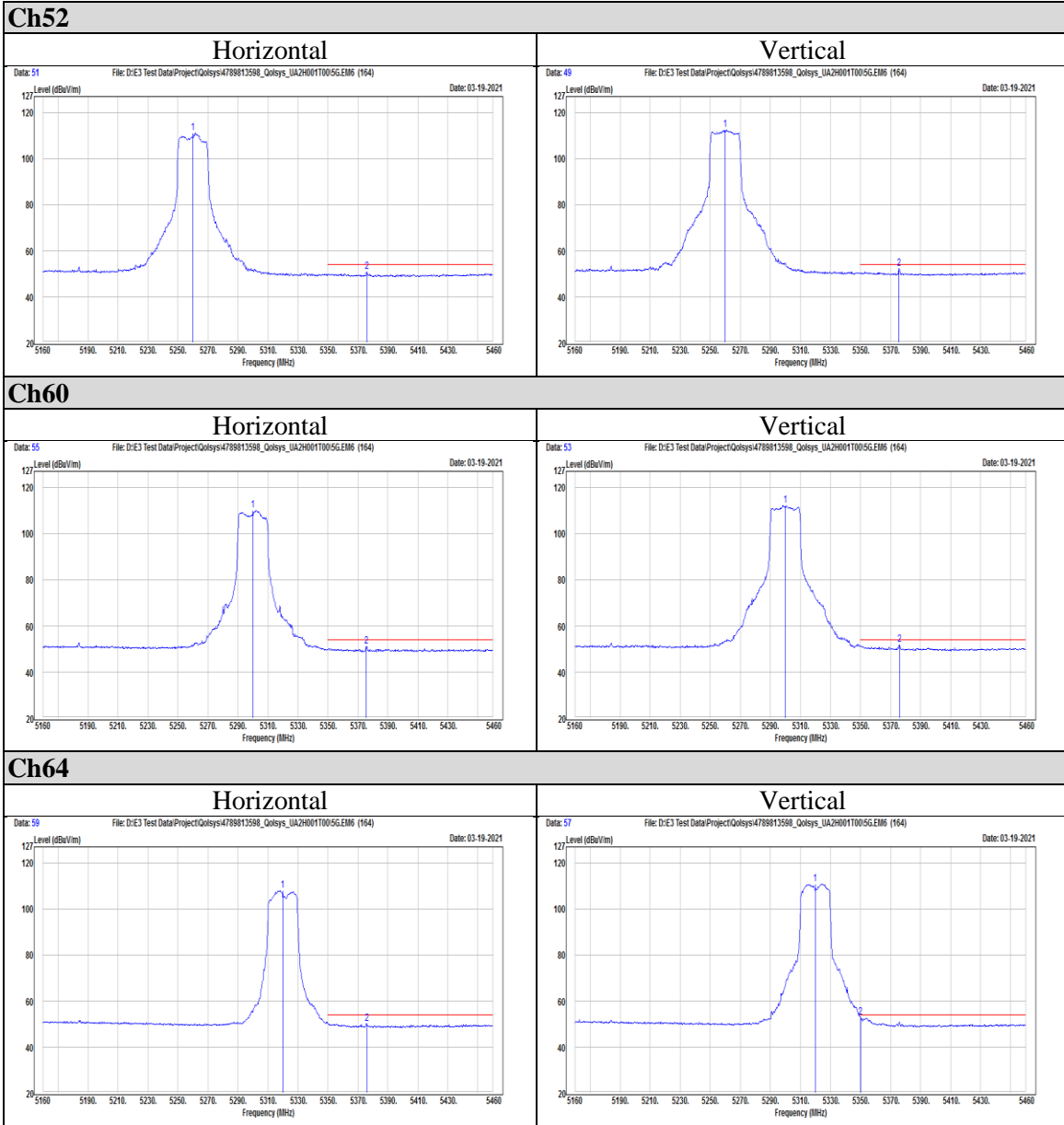


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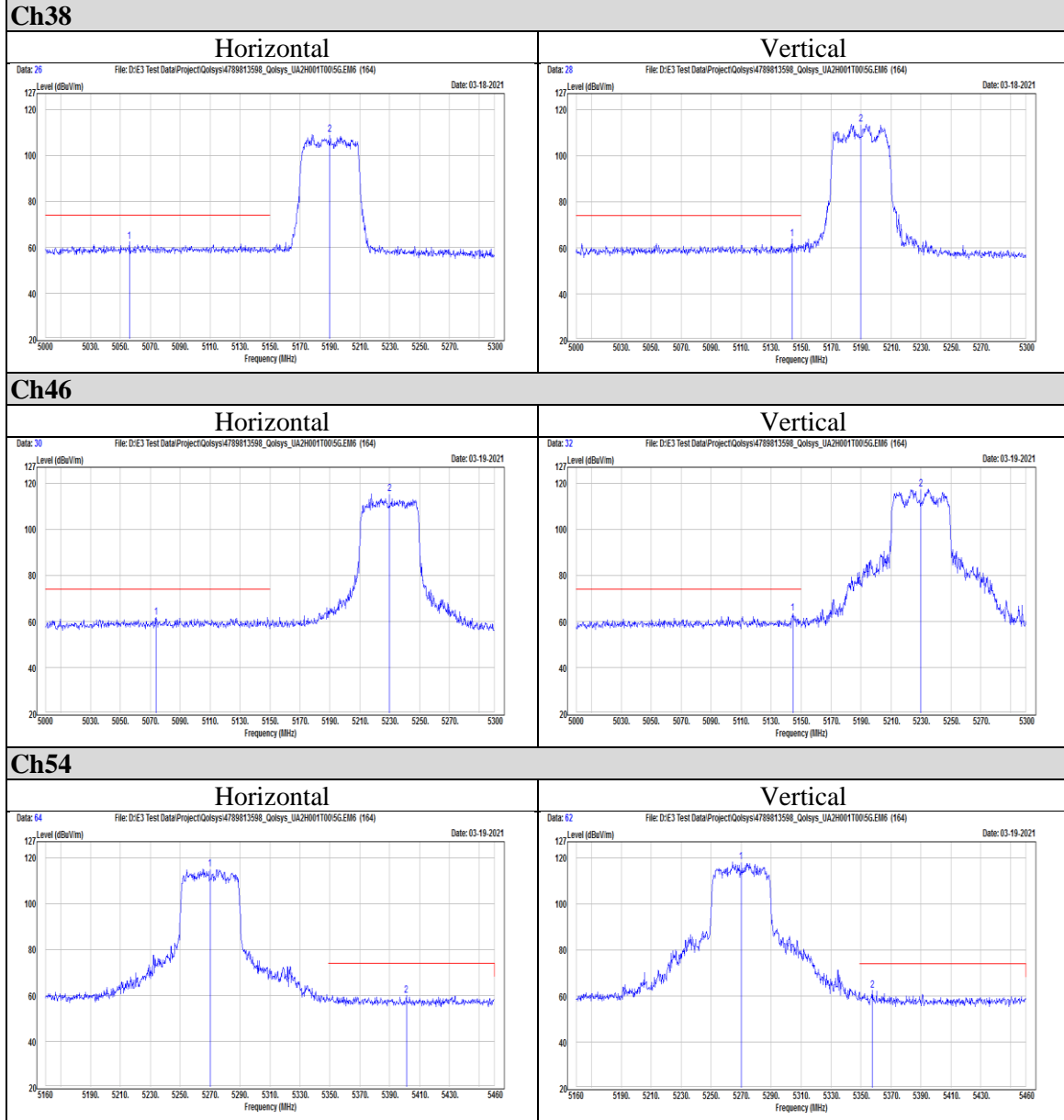
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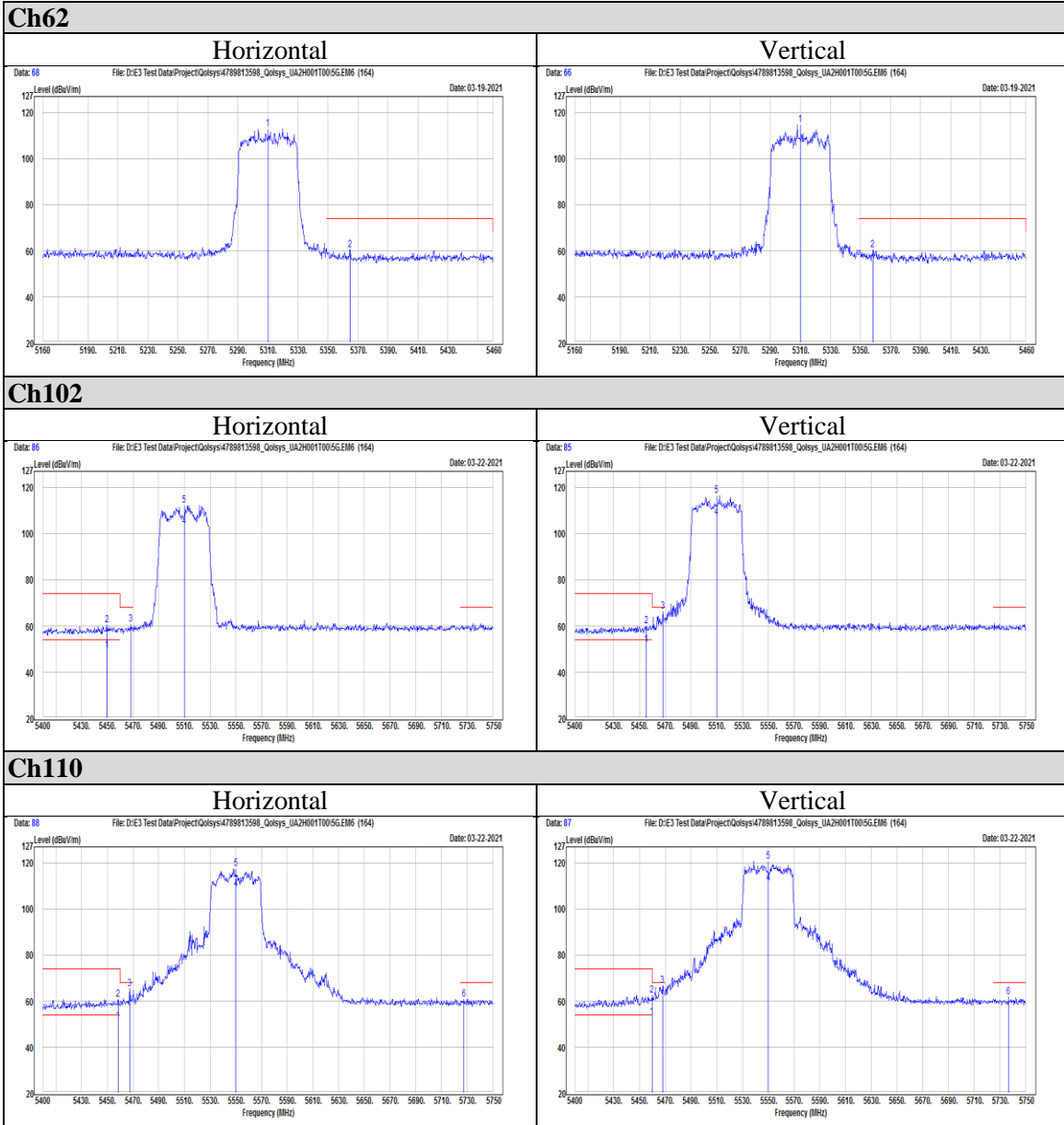




802.11ax (HE40)

Peak



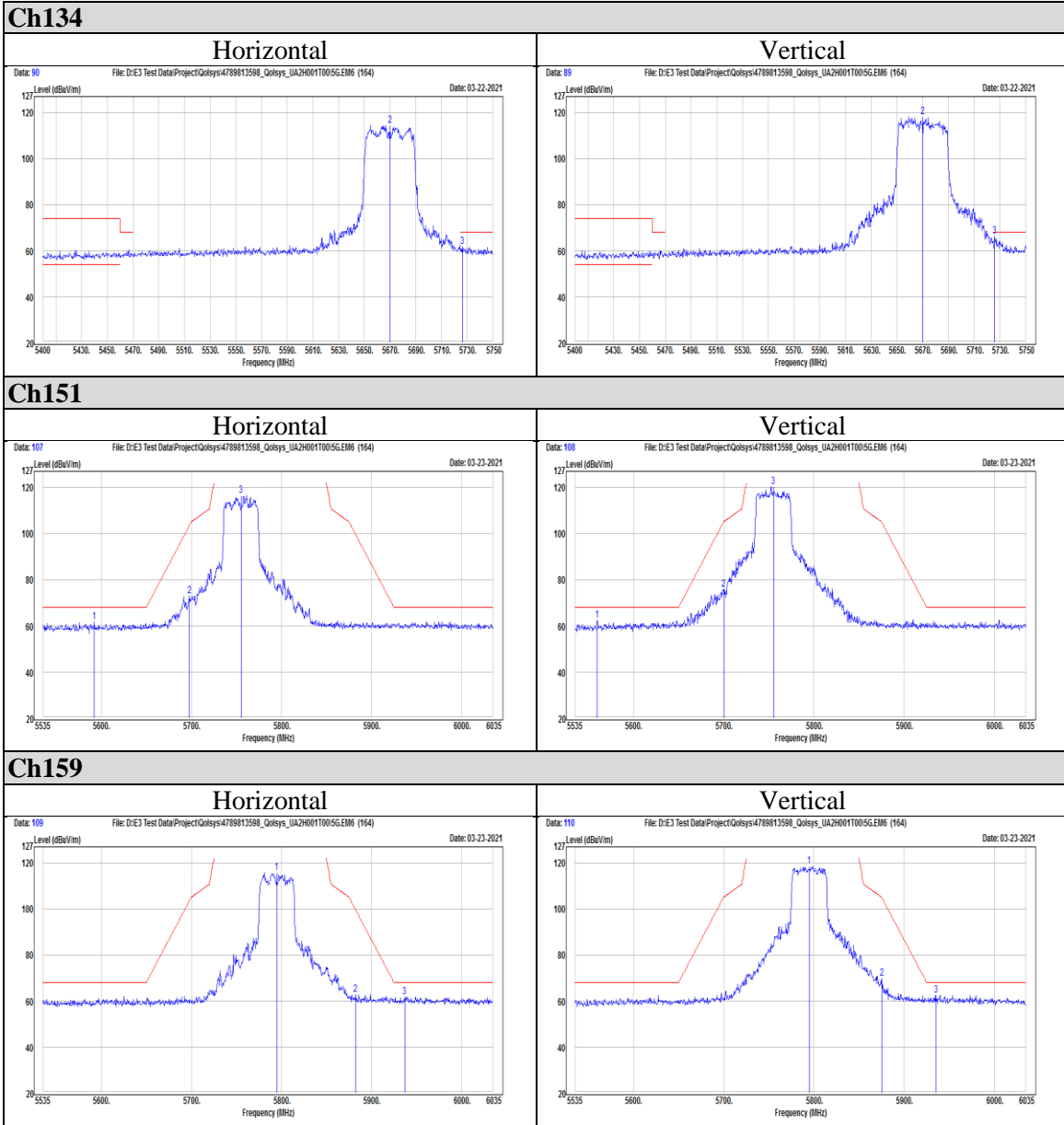


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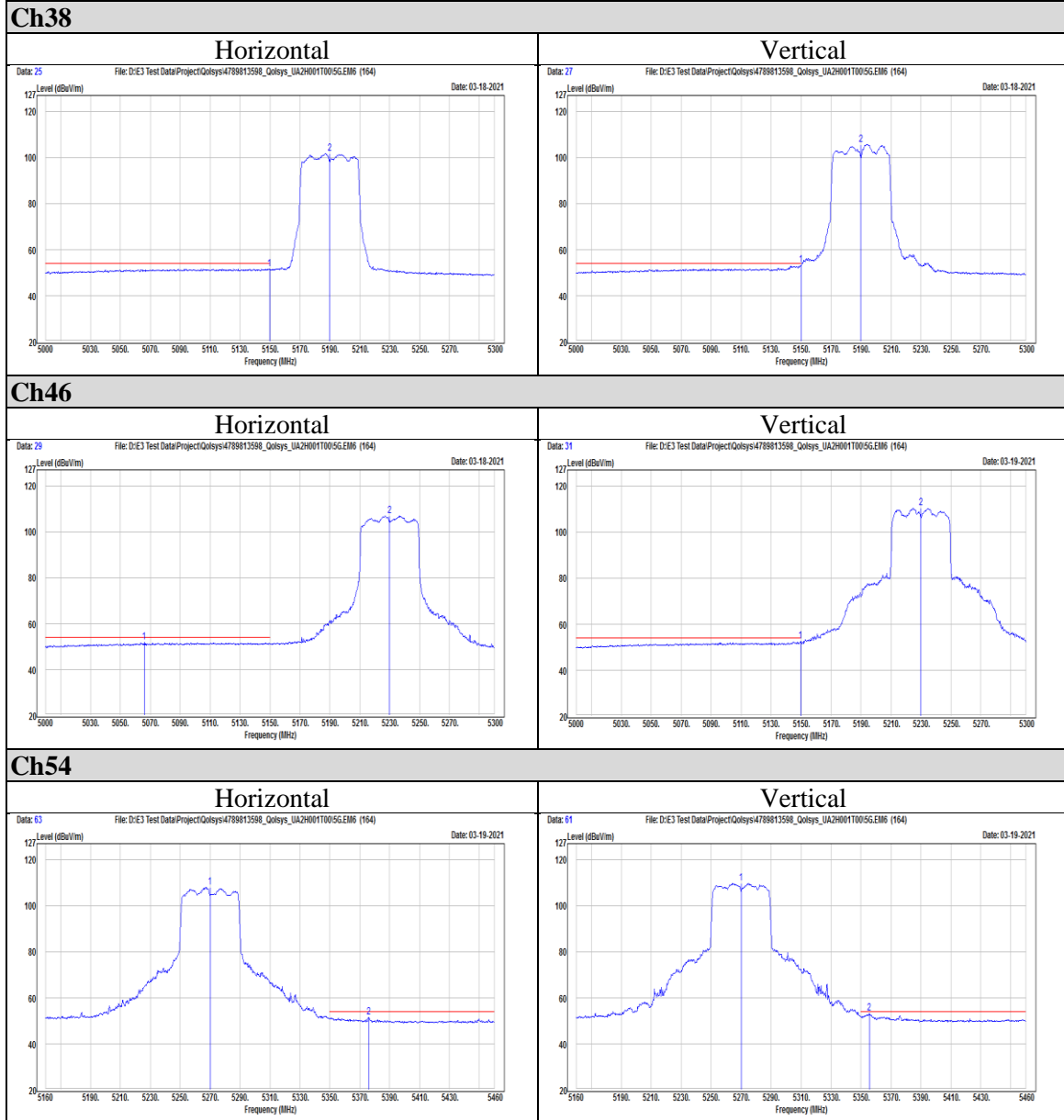
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Average

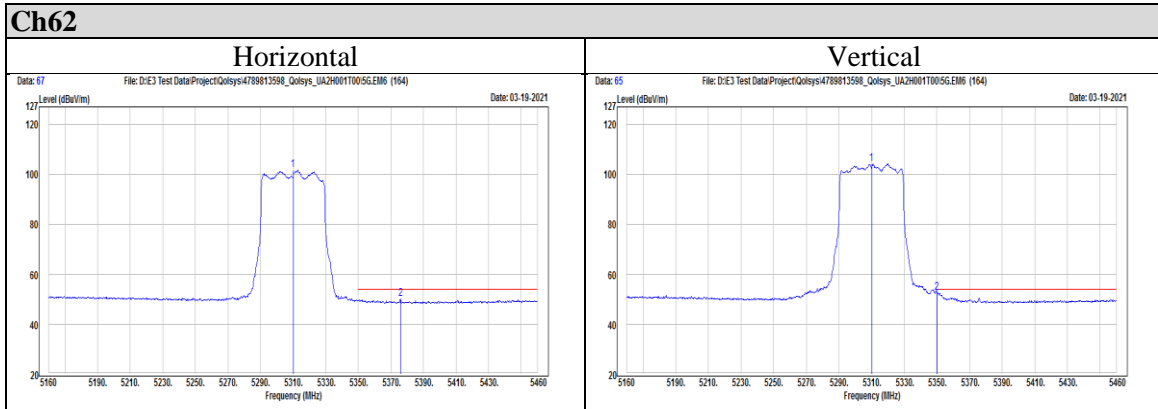


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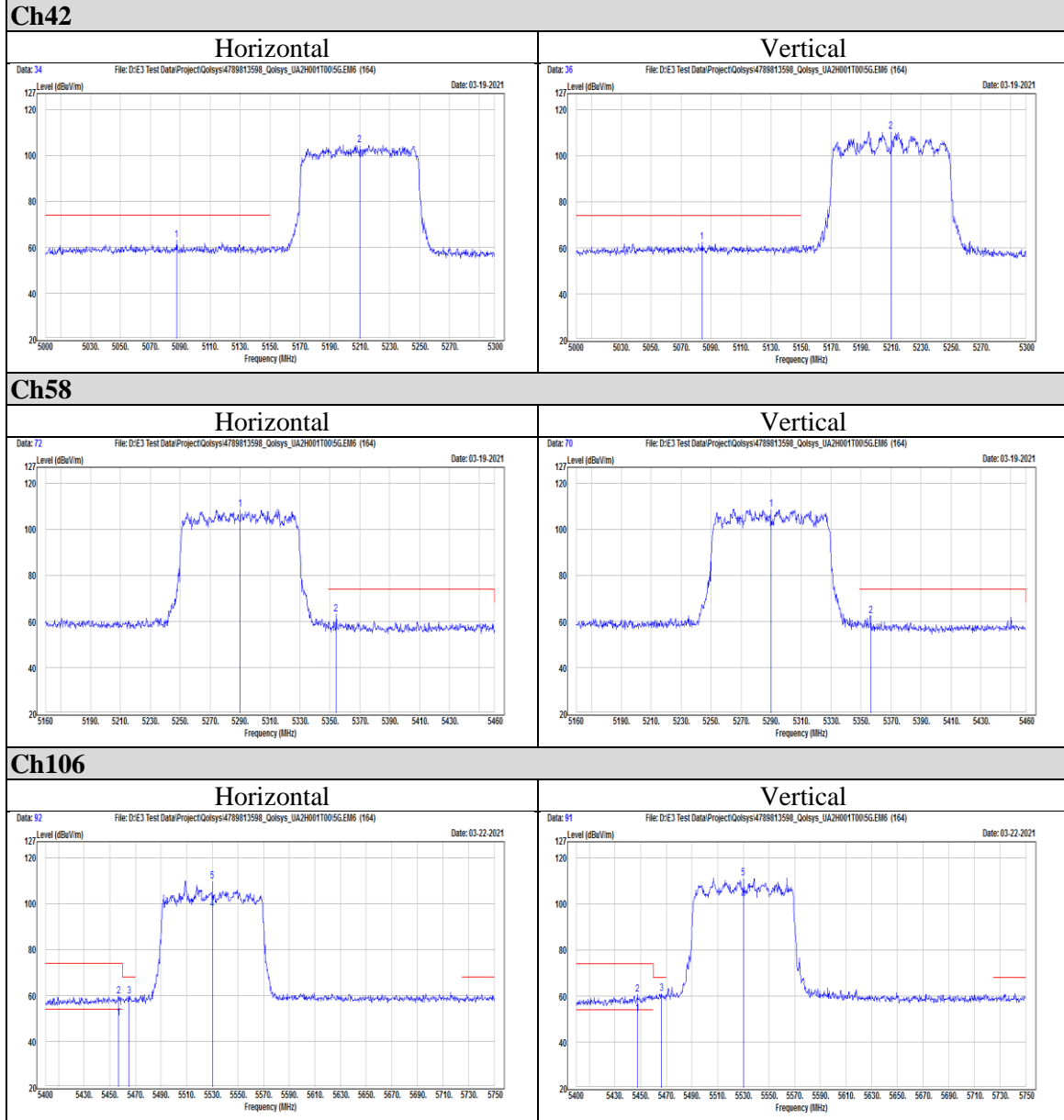
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Doc No: 17-EM-F0878 / 5.0



802.11ax (HE80)

Peak

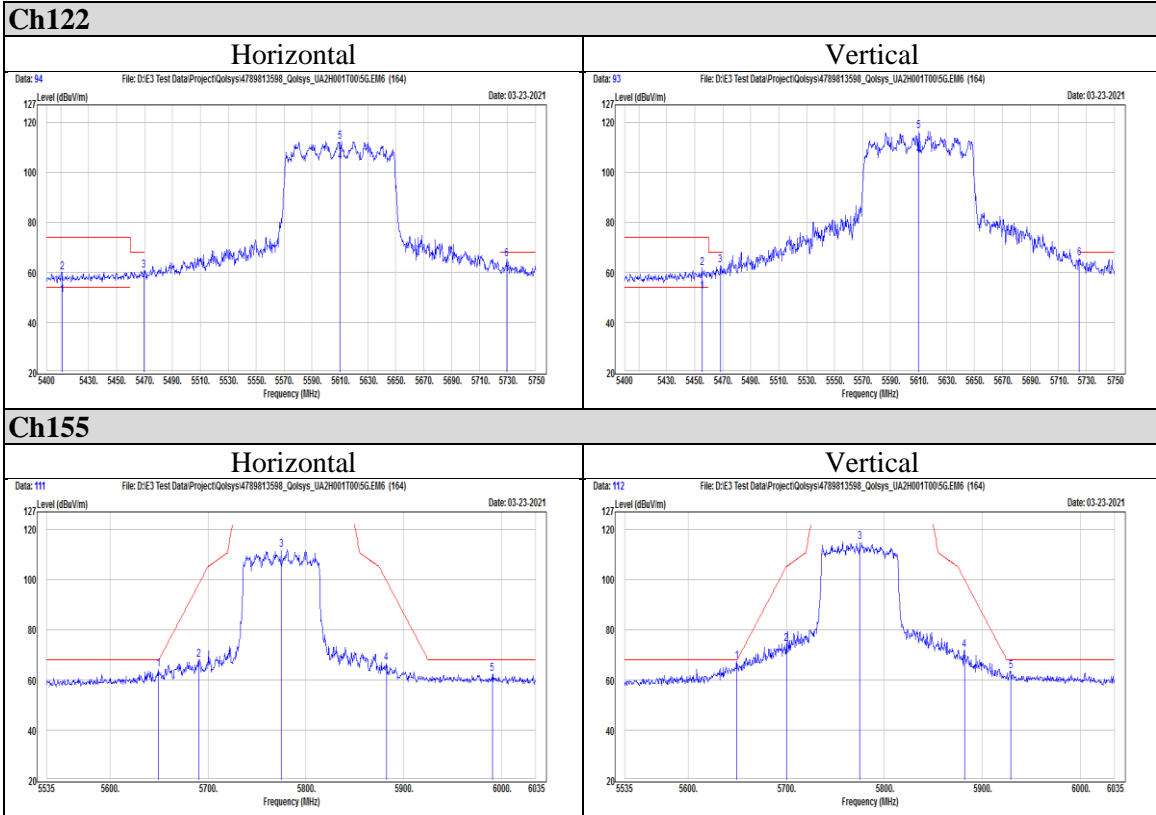


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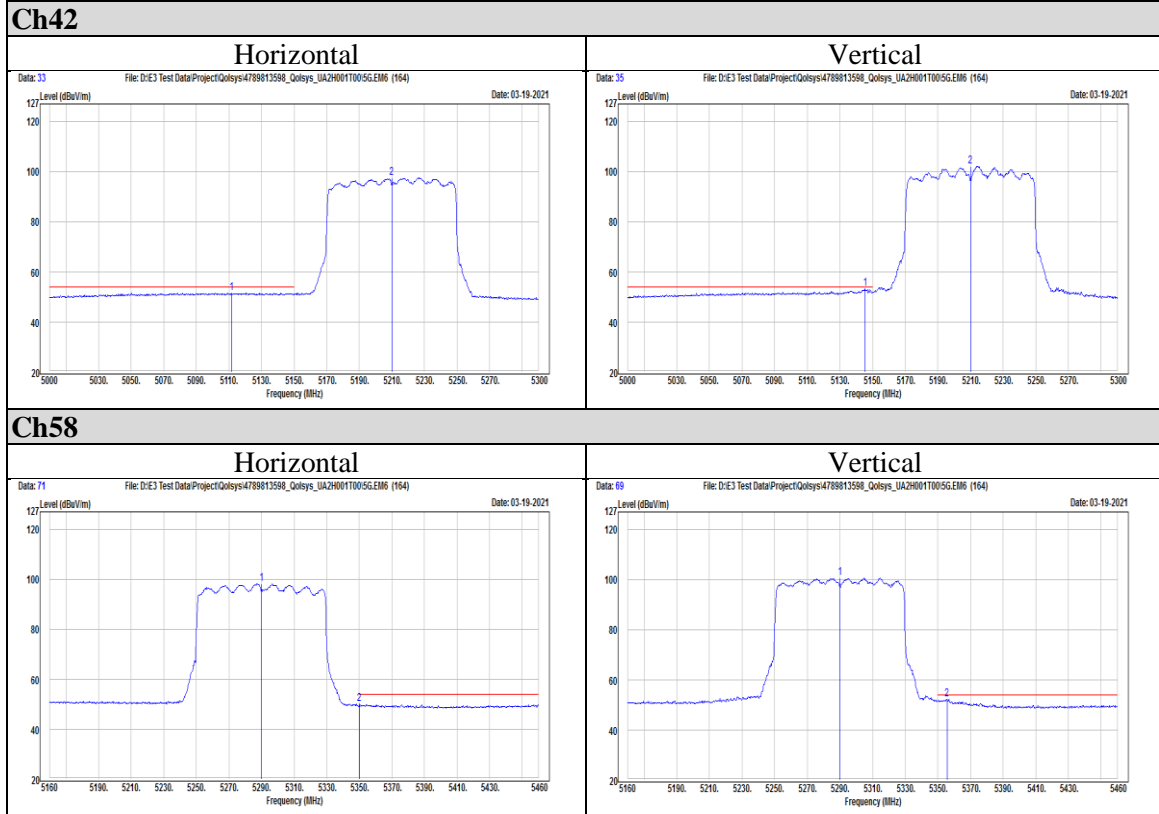
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Average



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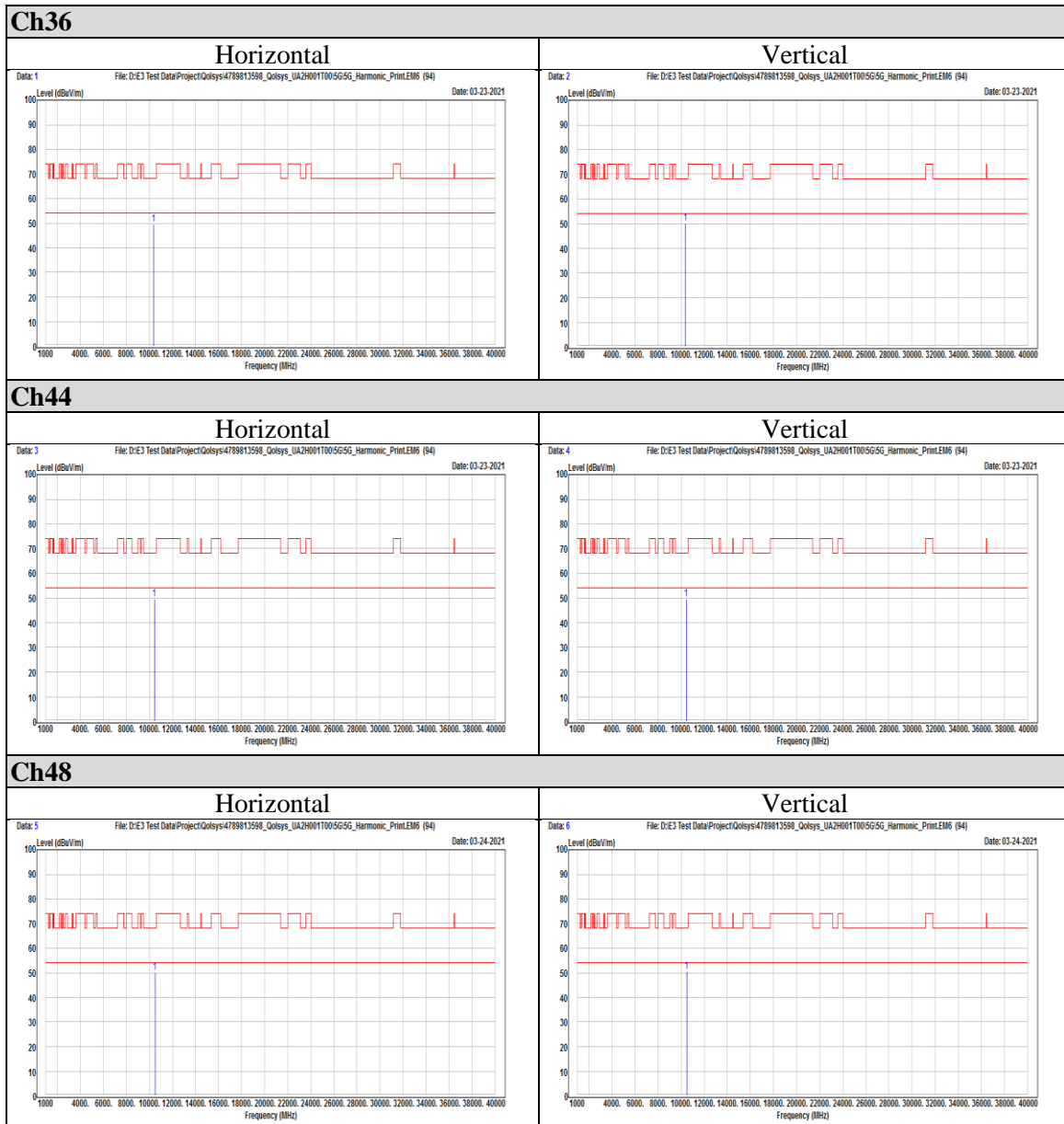
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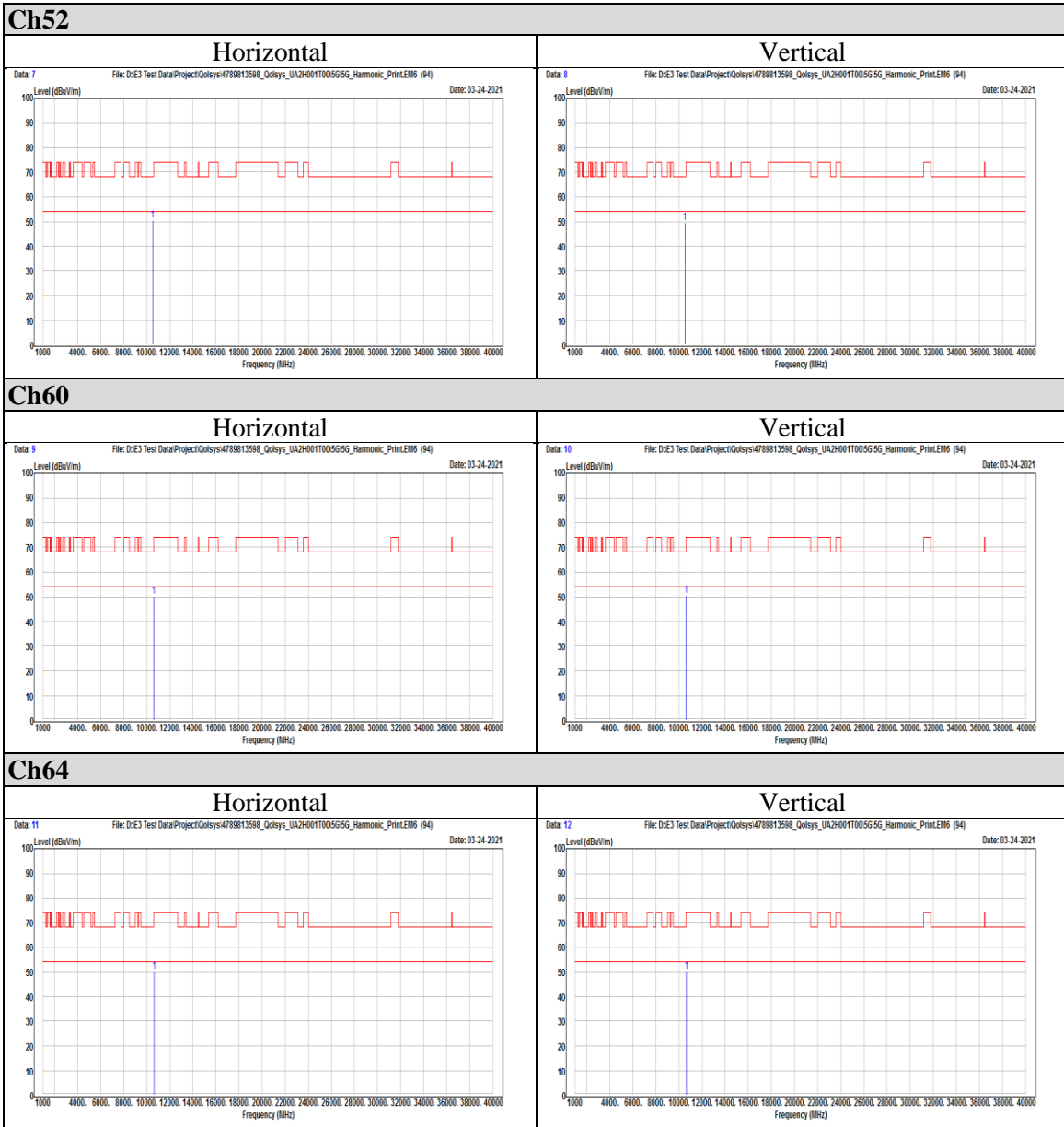


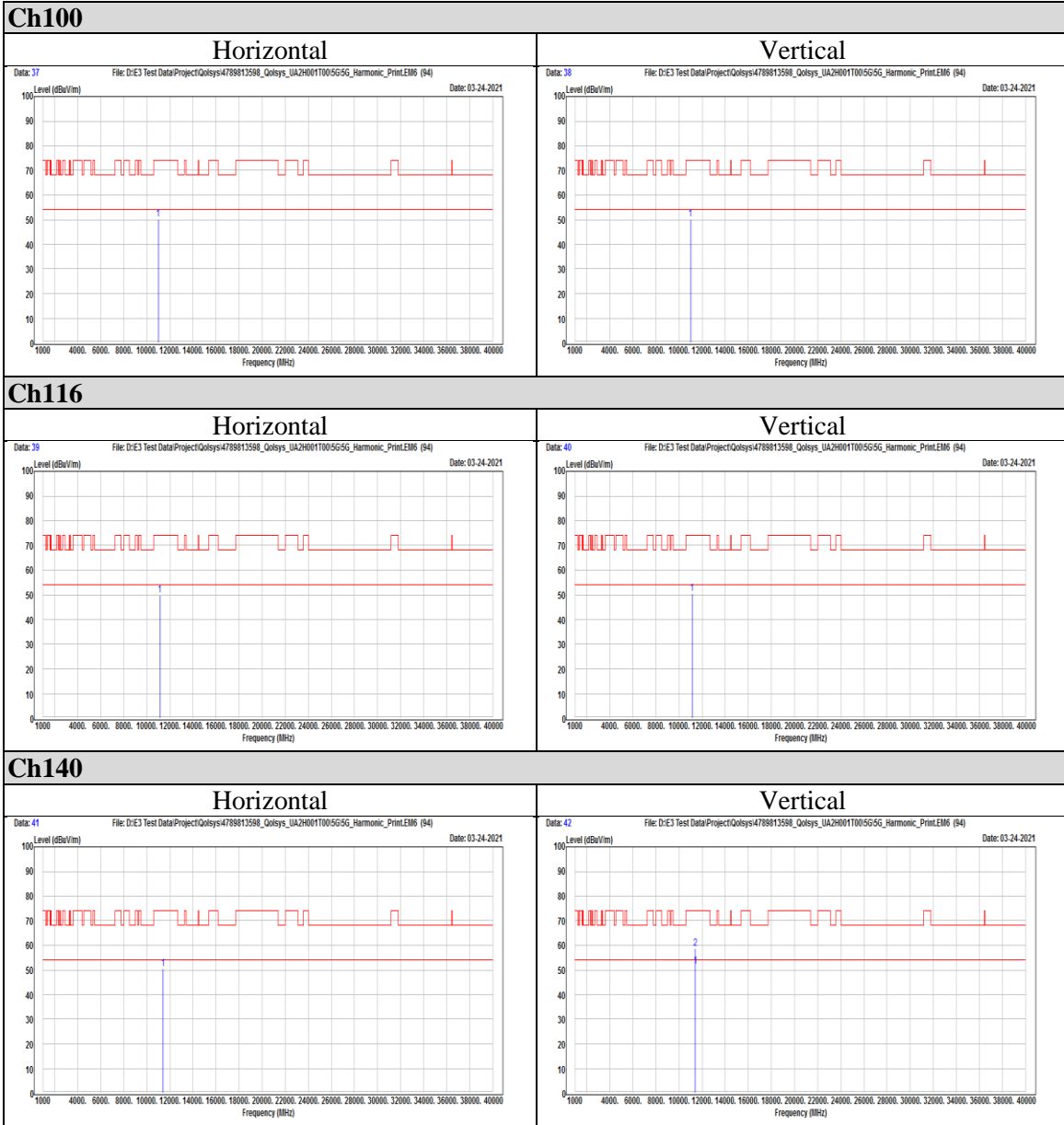
Appendix II Radiated Spurious Emission Measurement

Non-Beamforming mode

802.11a





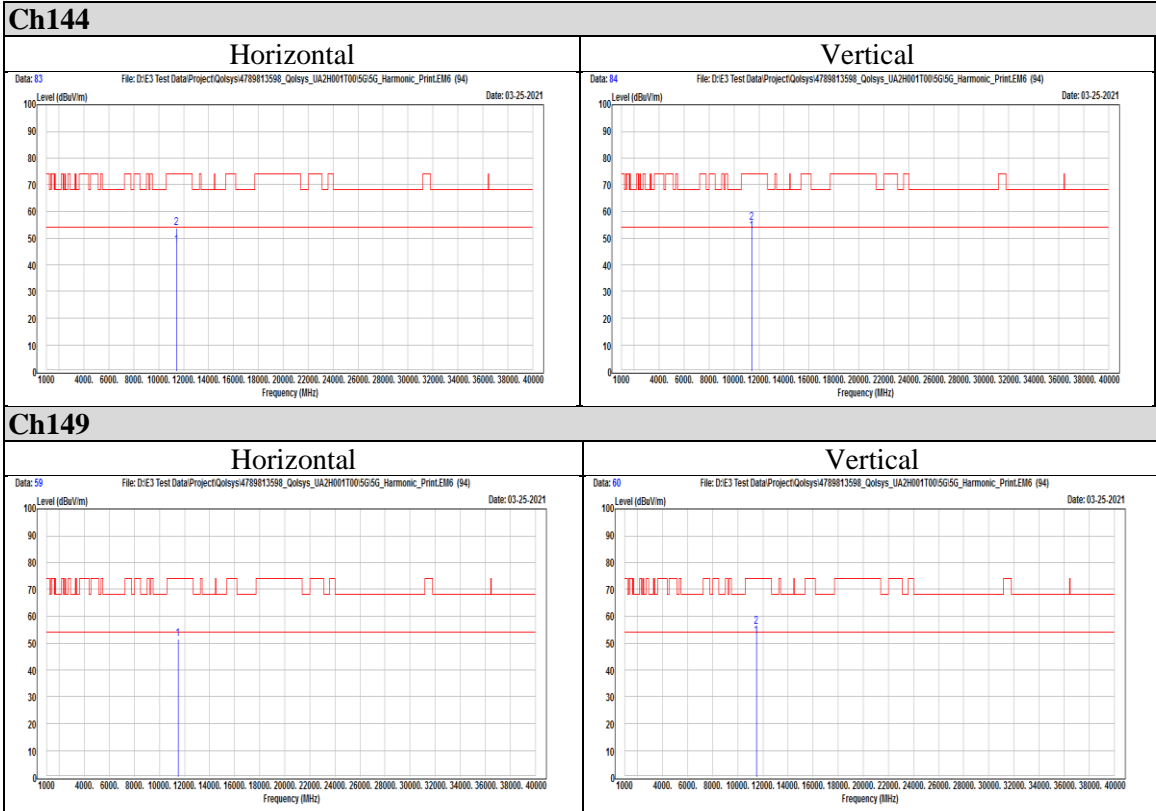


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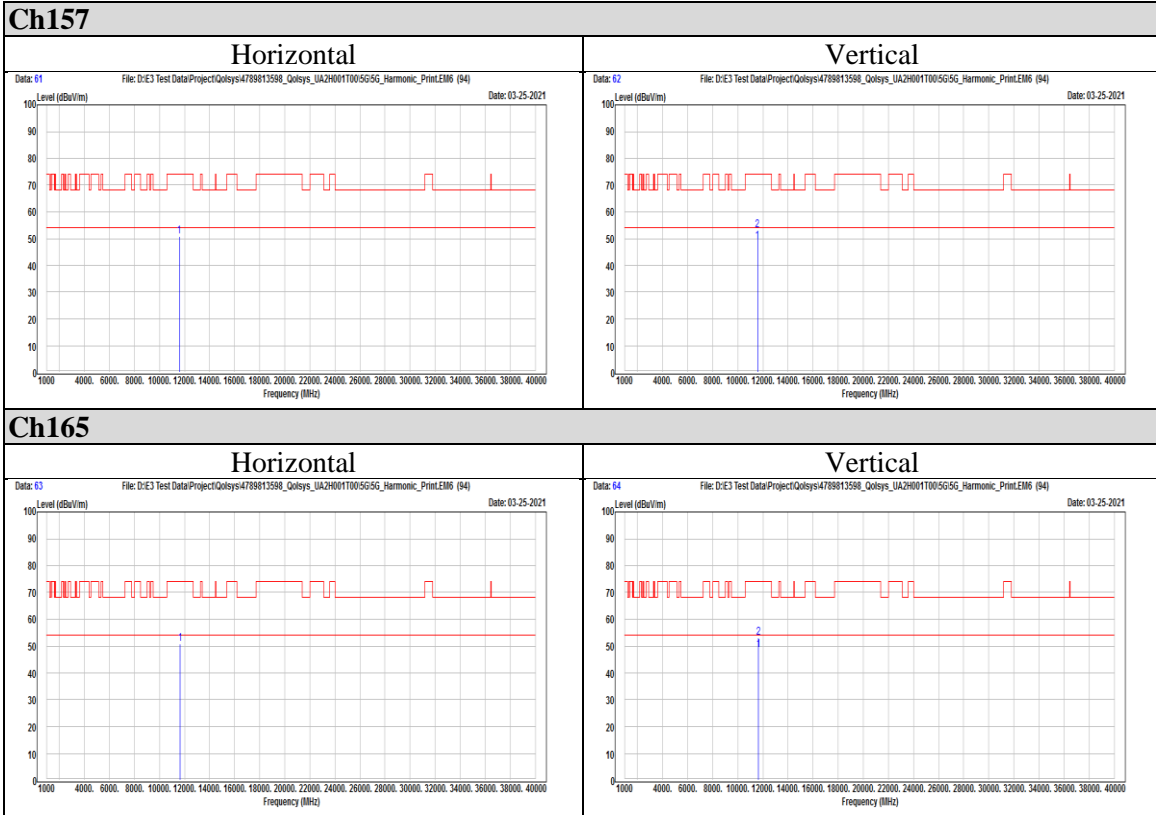


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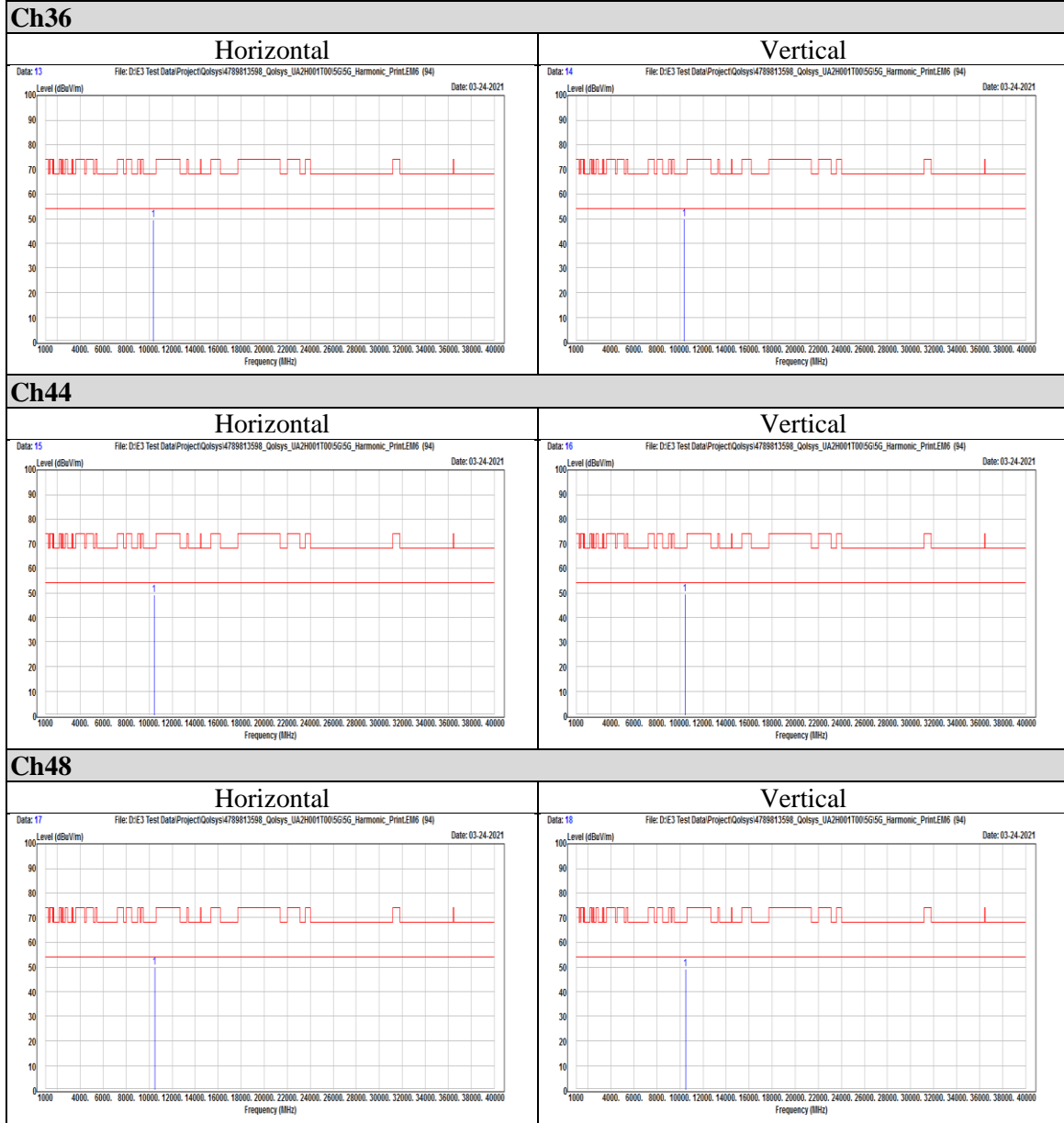
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802.11ax (HE20)

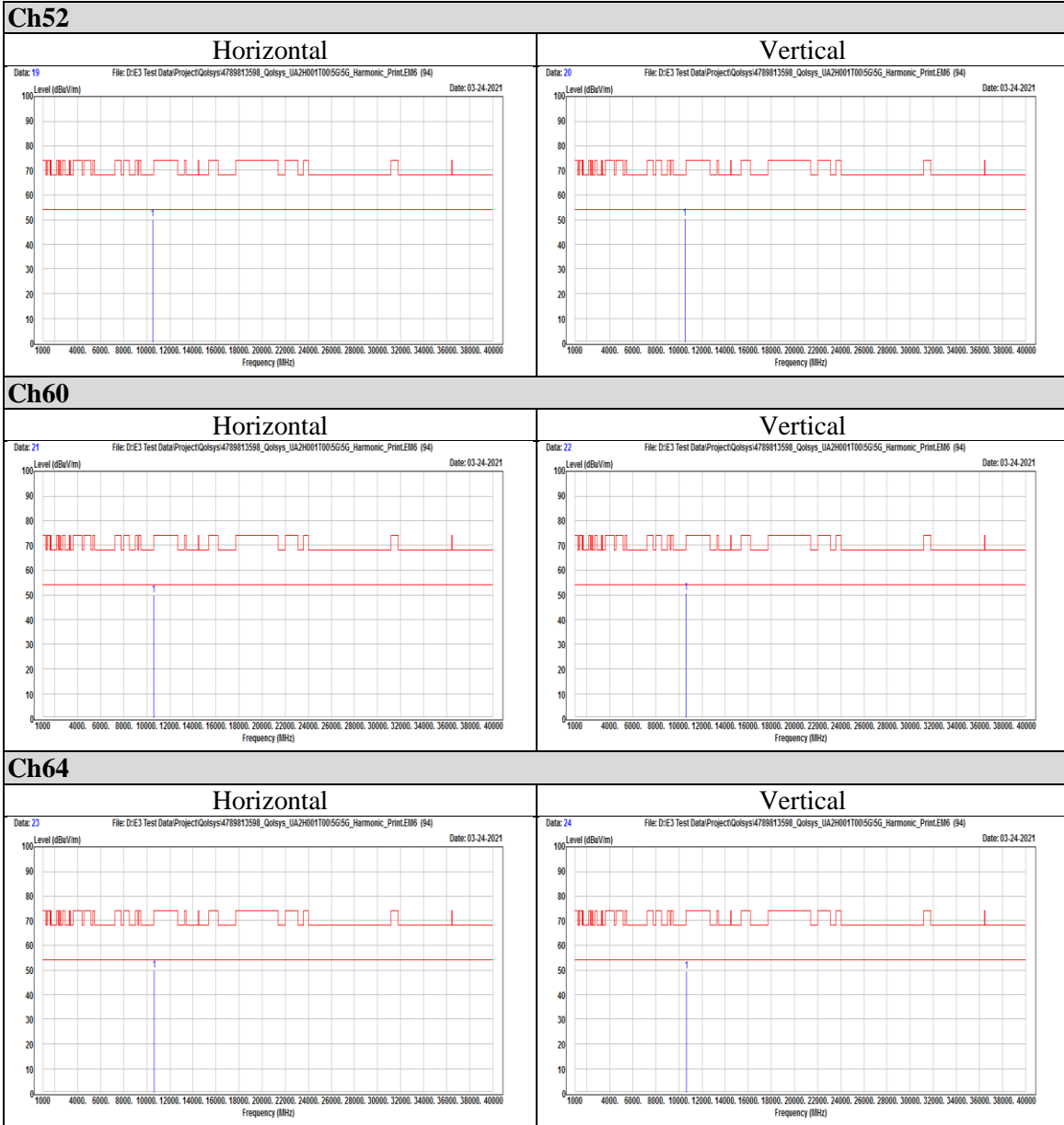


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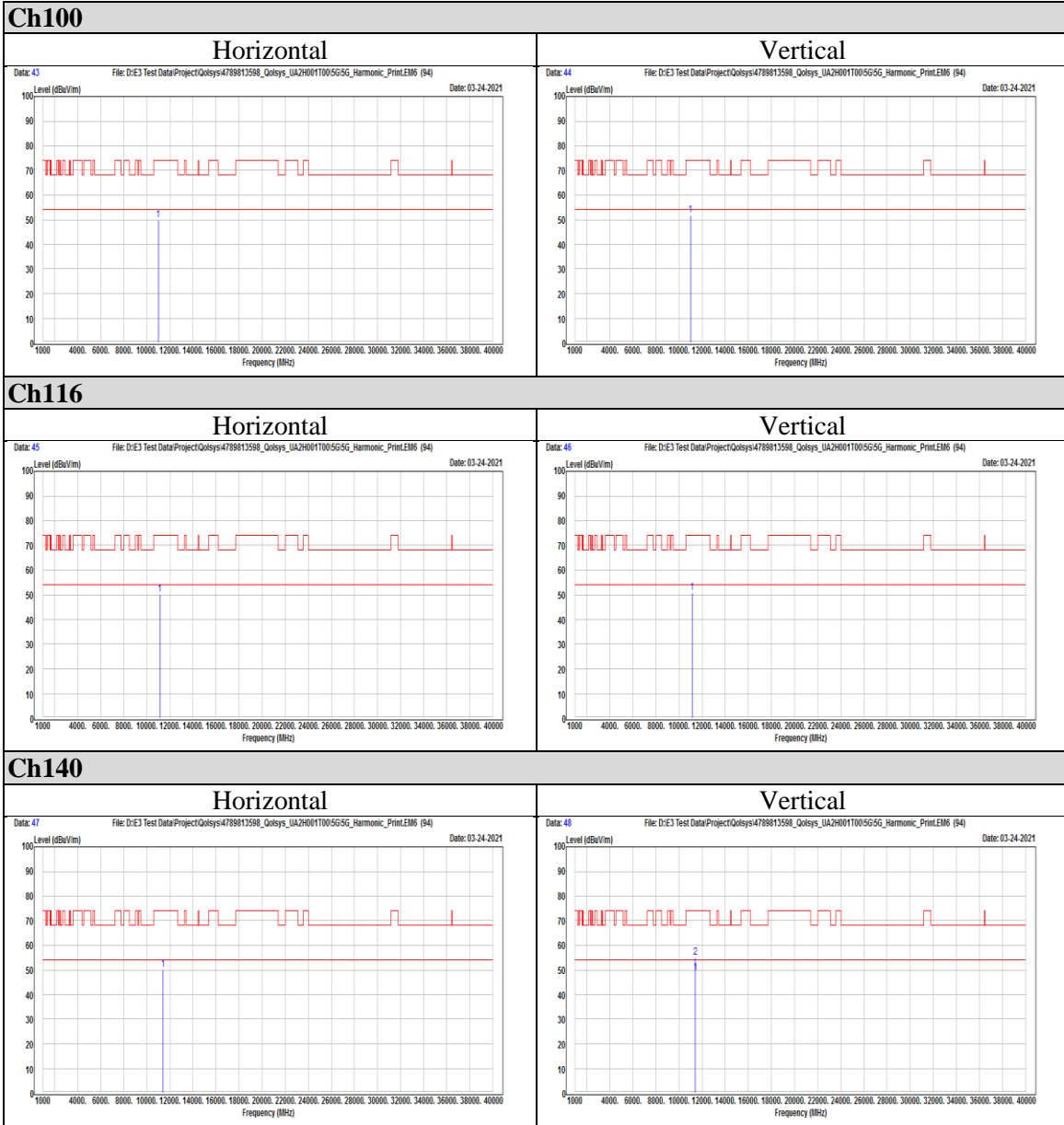
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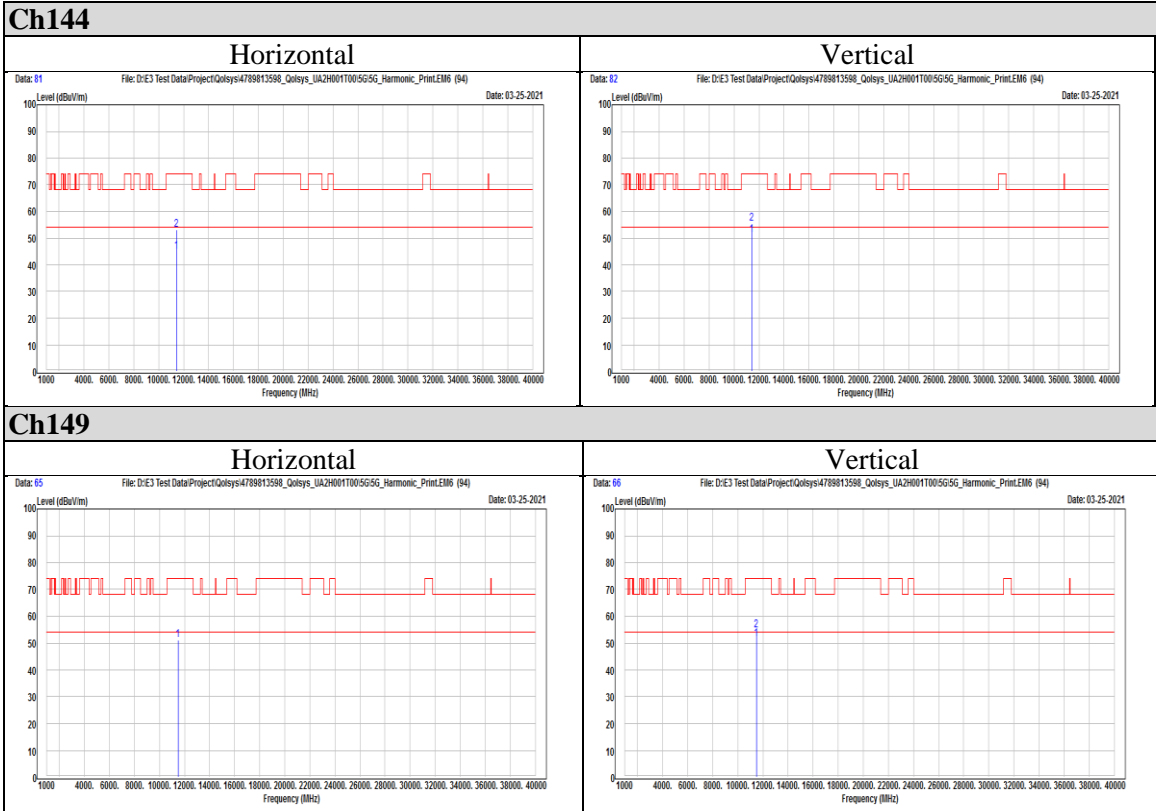
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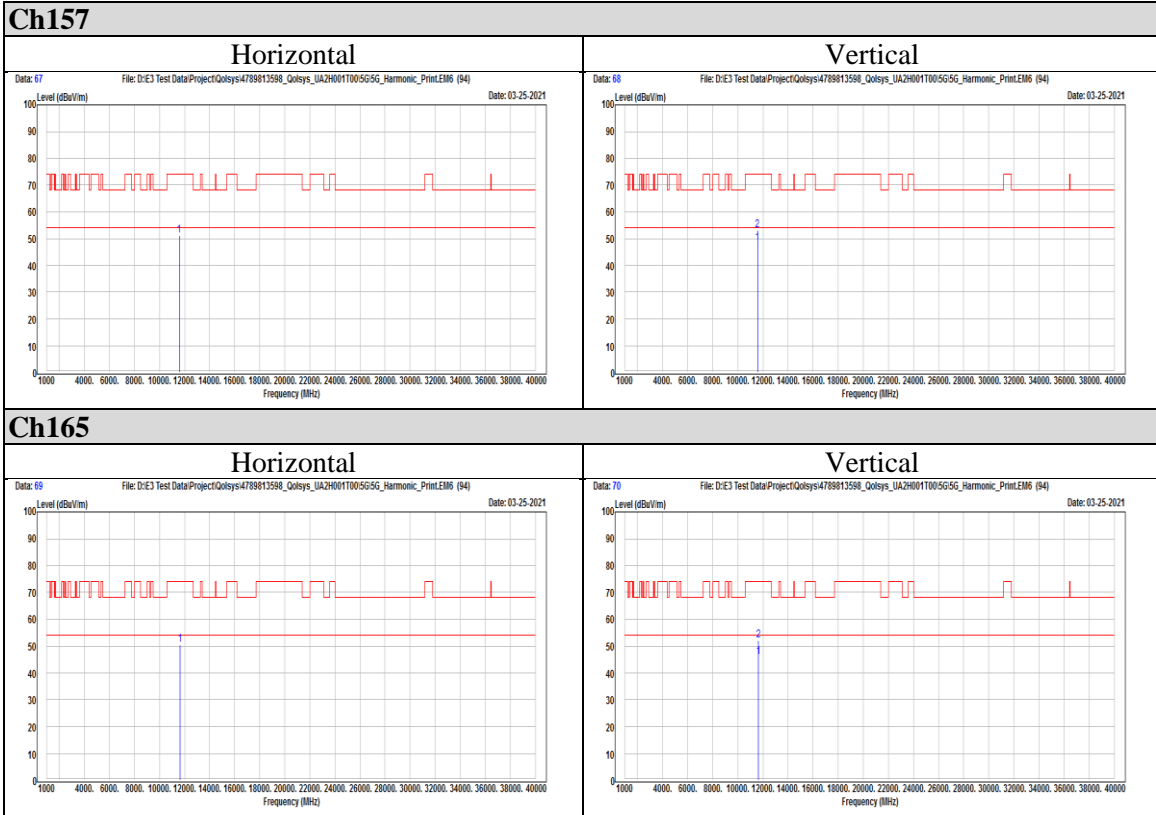


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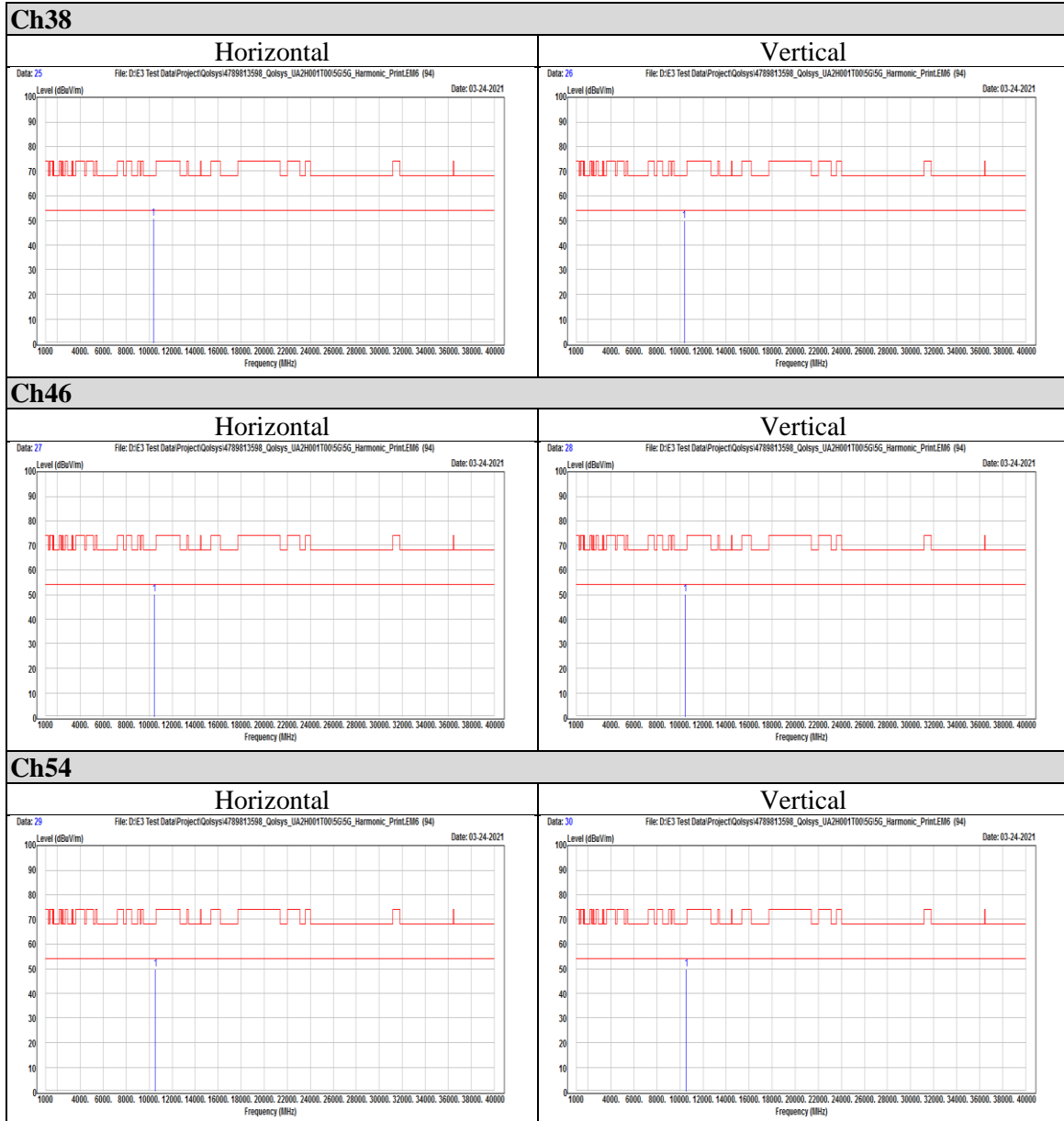
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802.11ax (HE40)

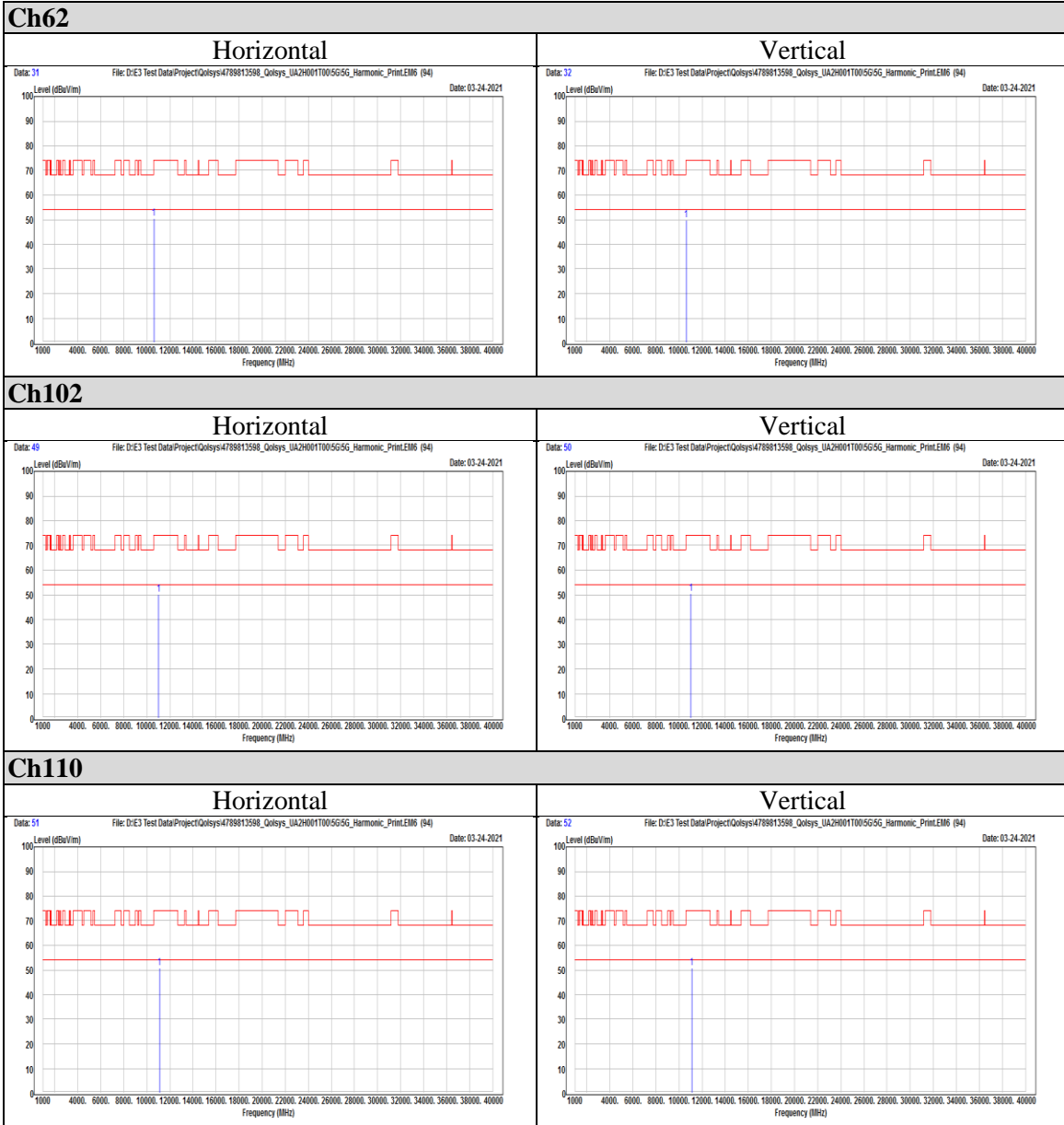


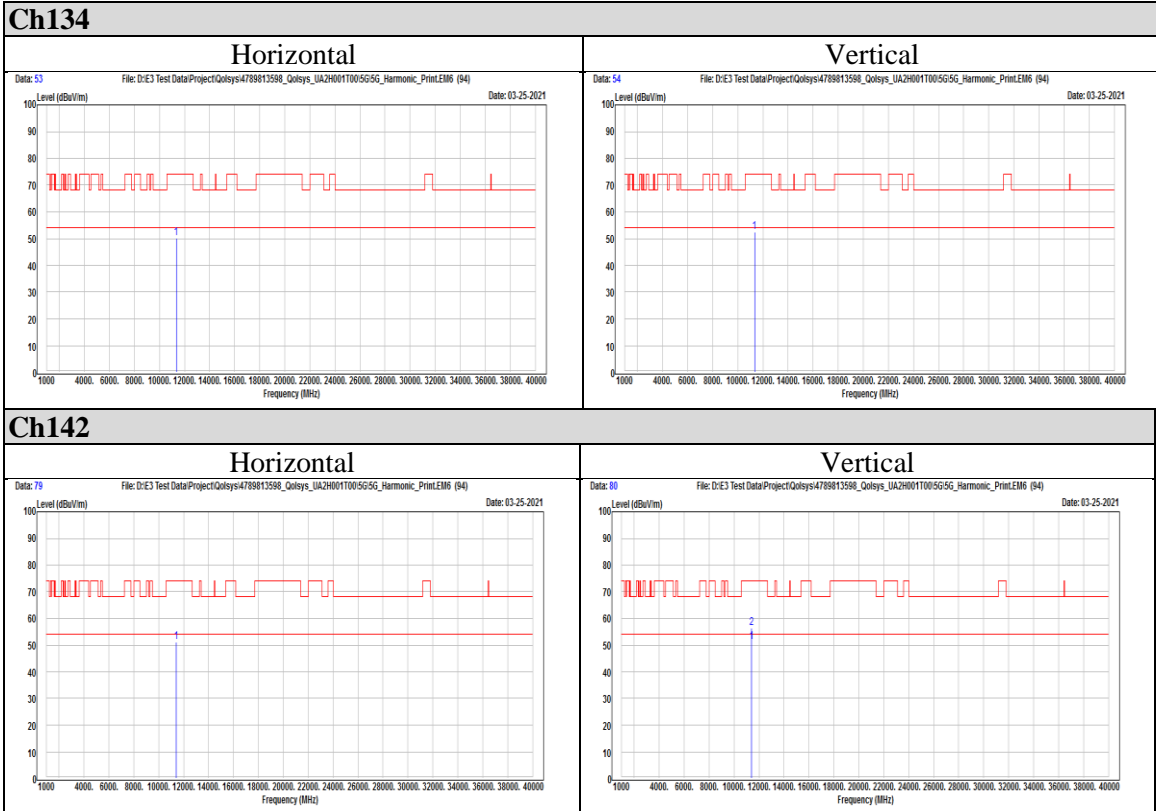
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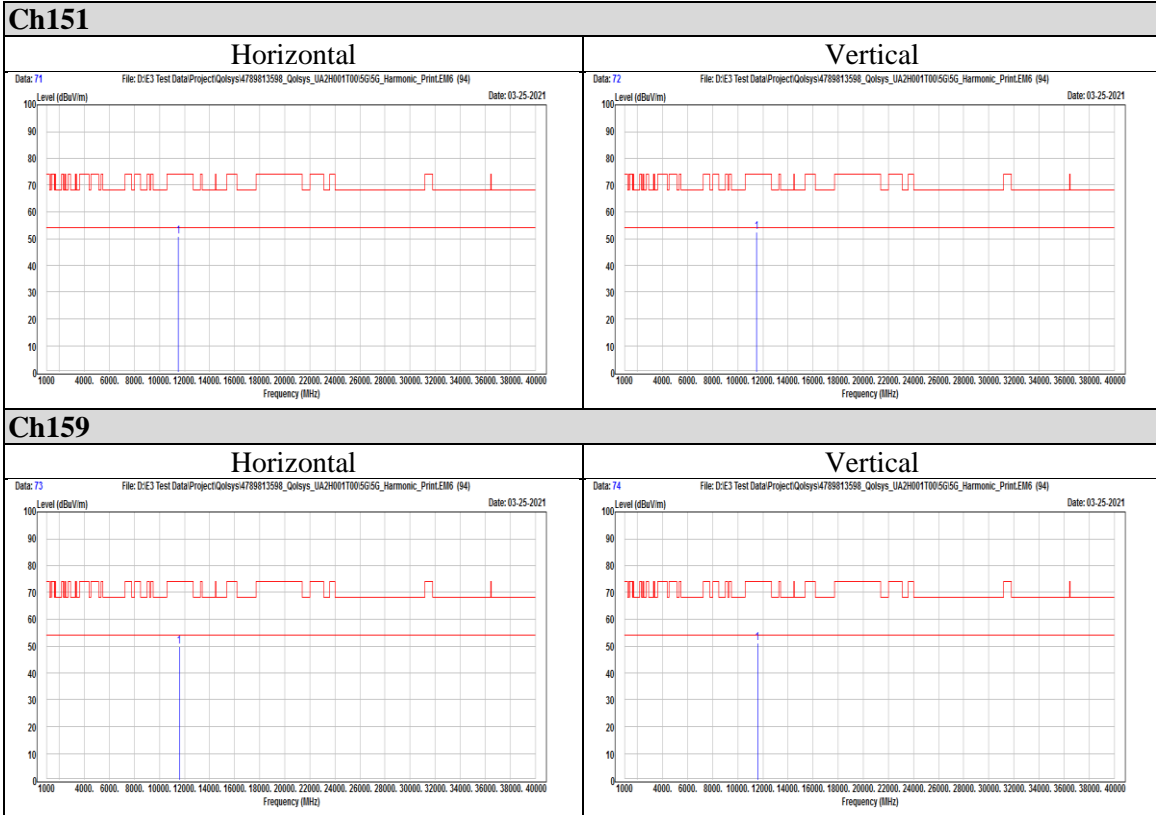


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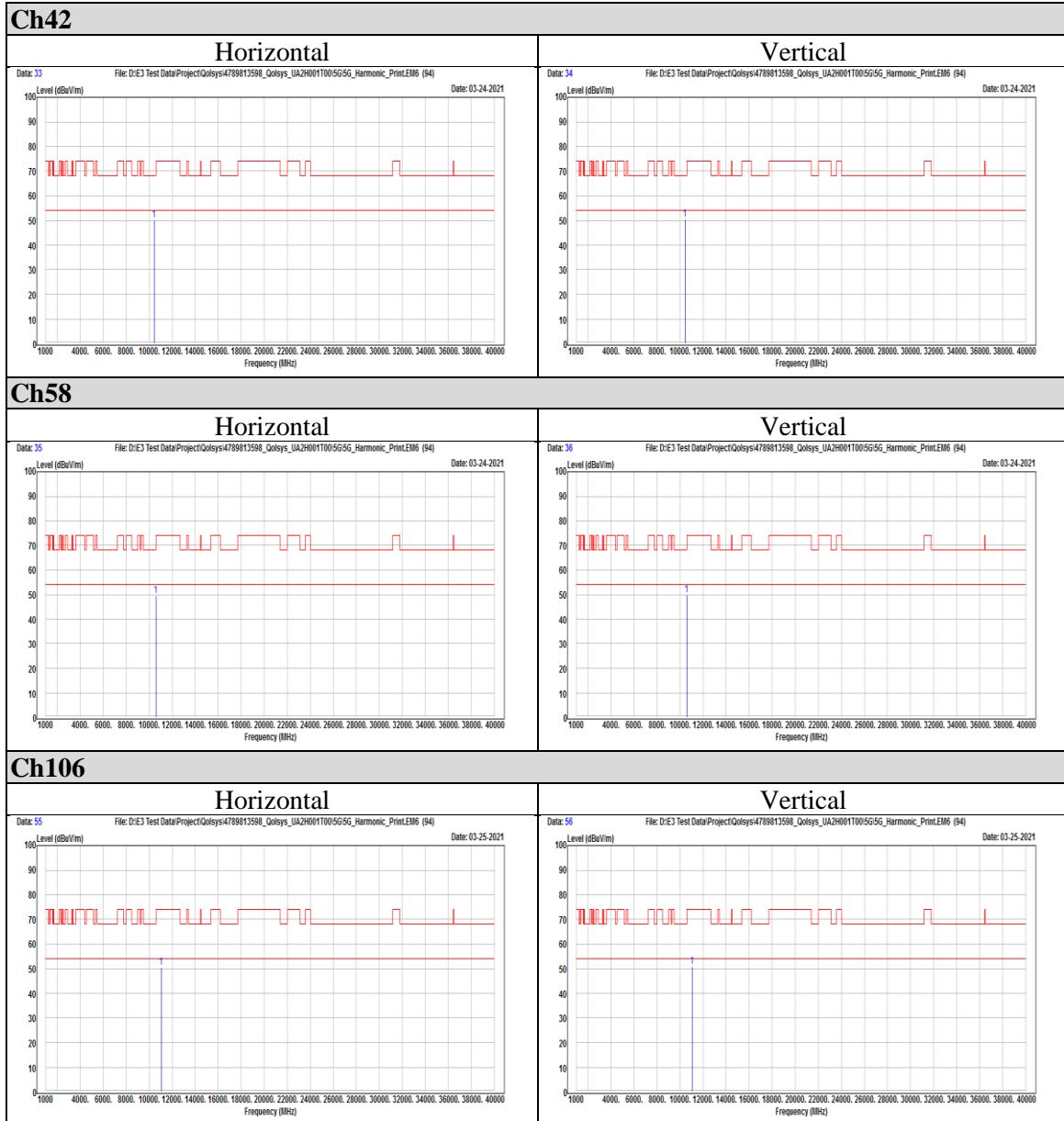
Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



802.11ax (HE80)



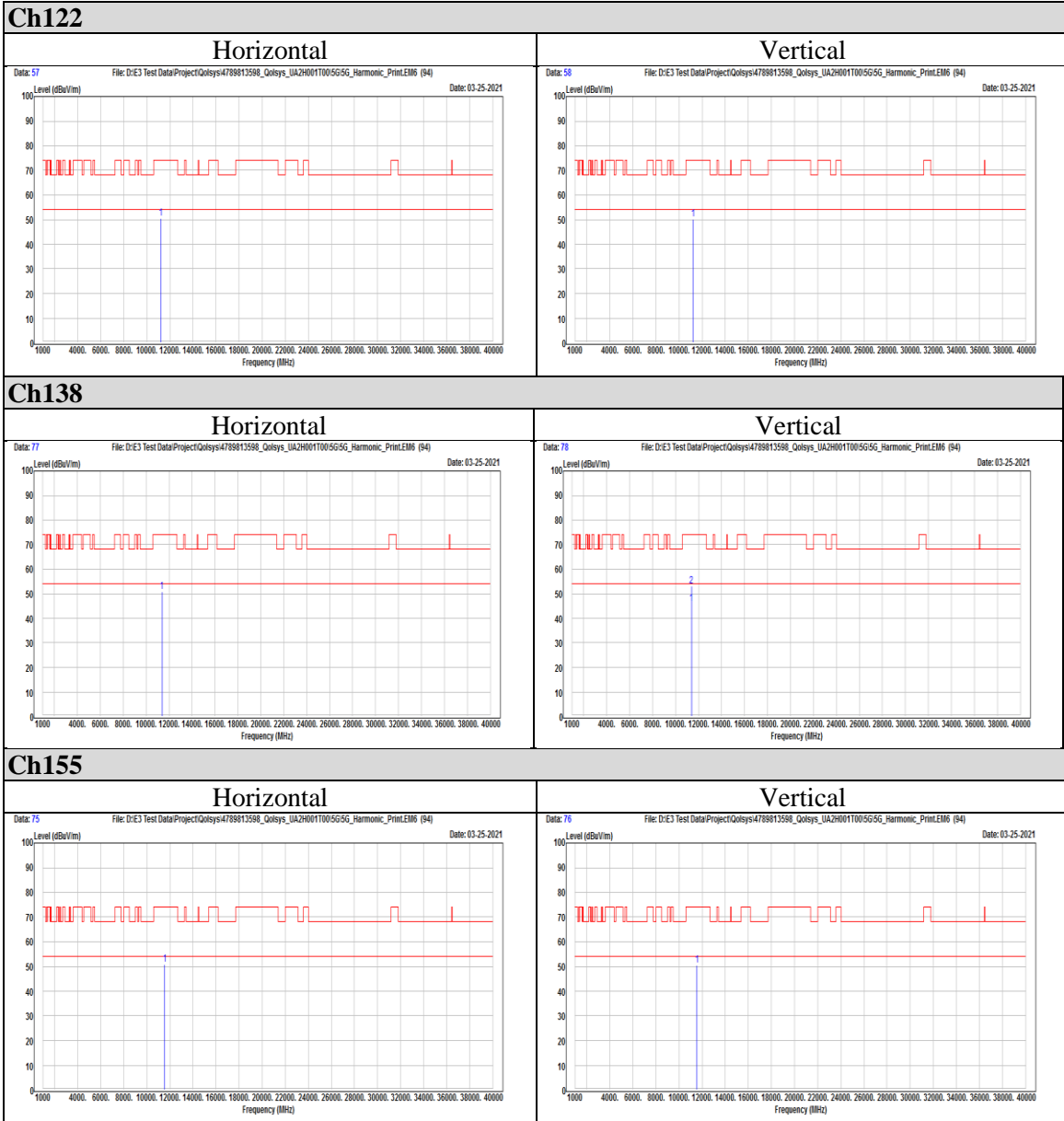
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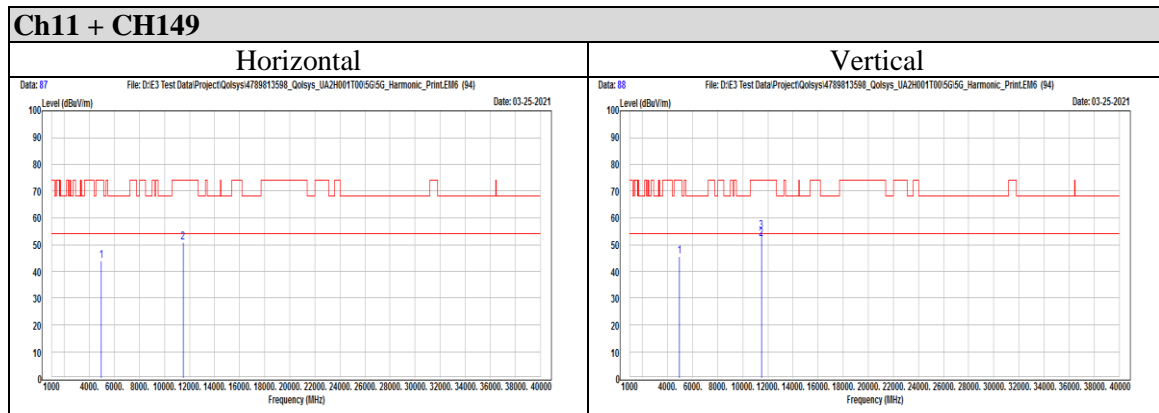
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Co-location mode

802.11b + 802.11a



END OF REPORT

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