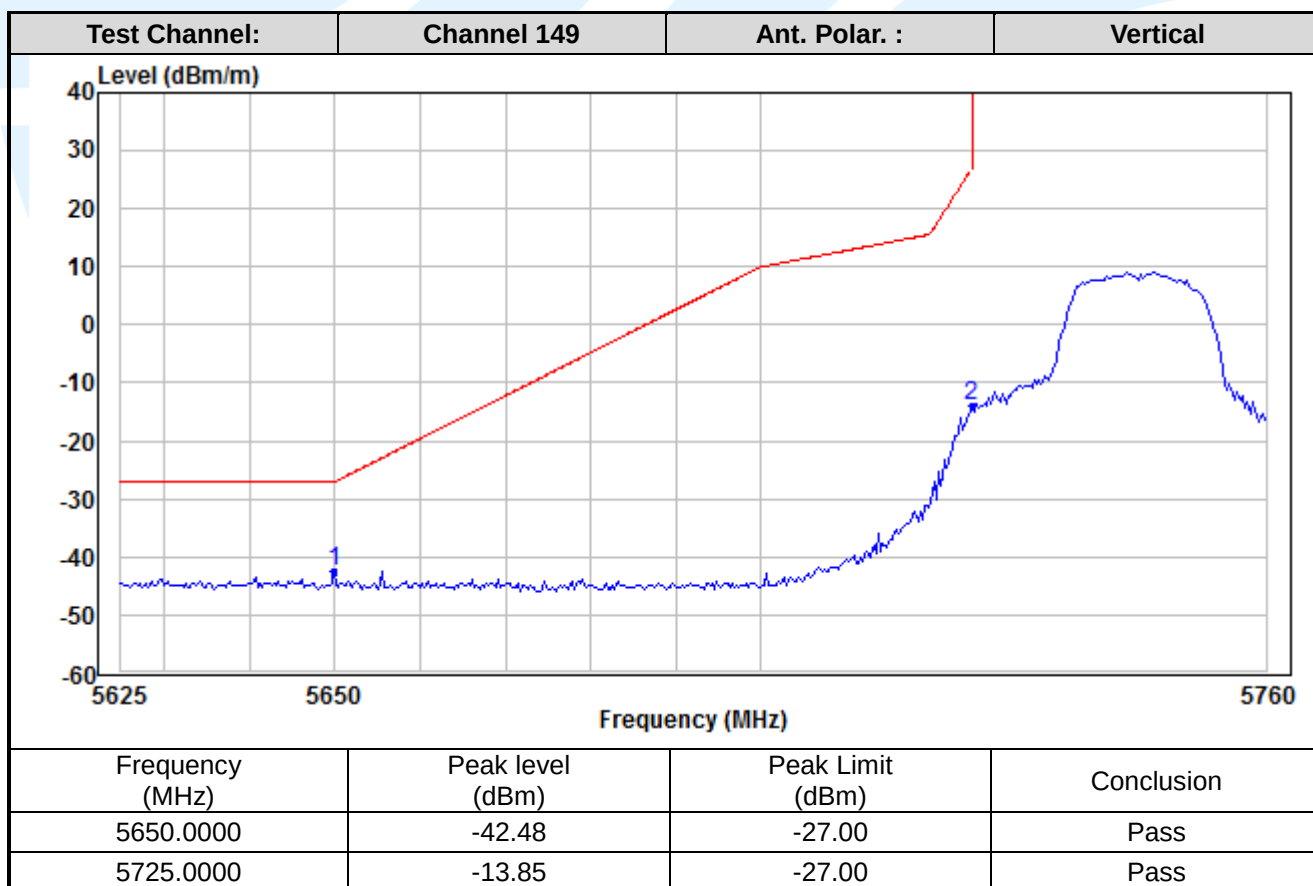
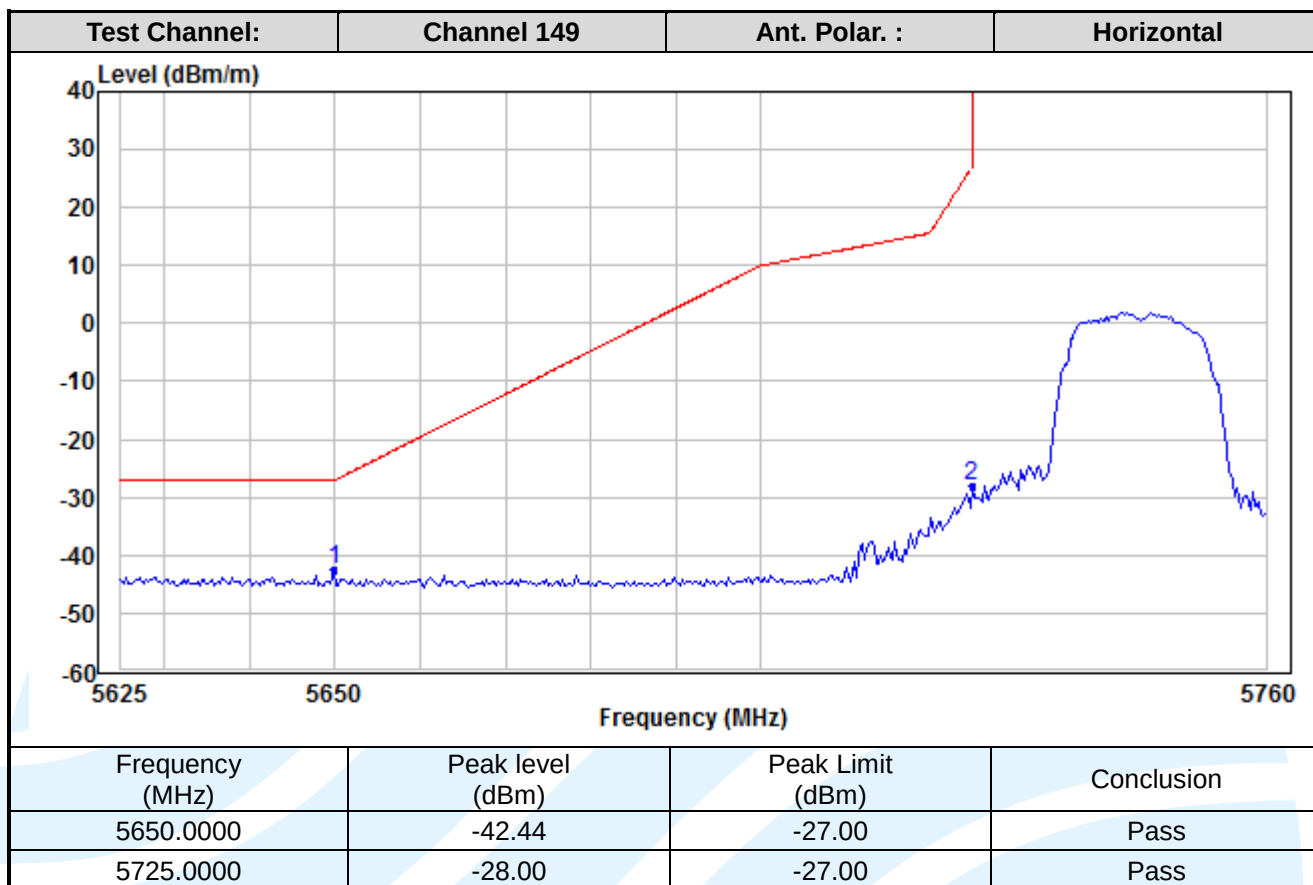




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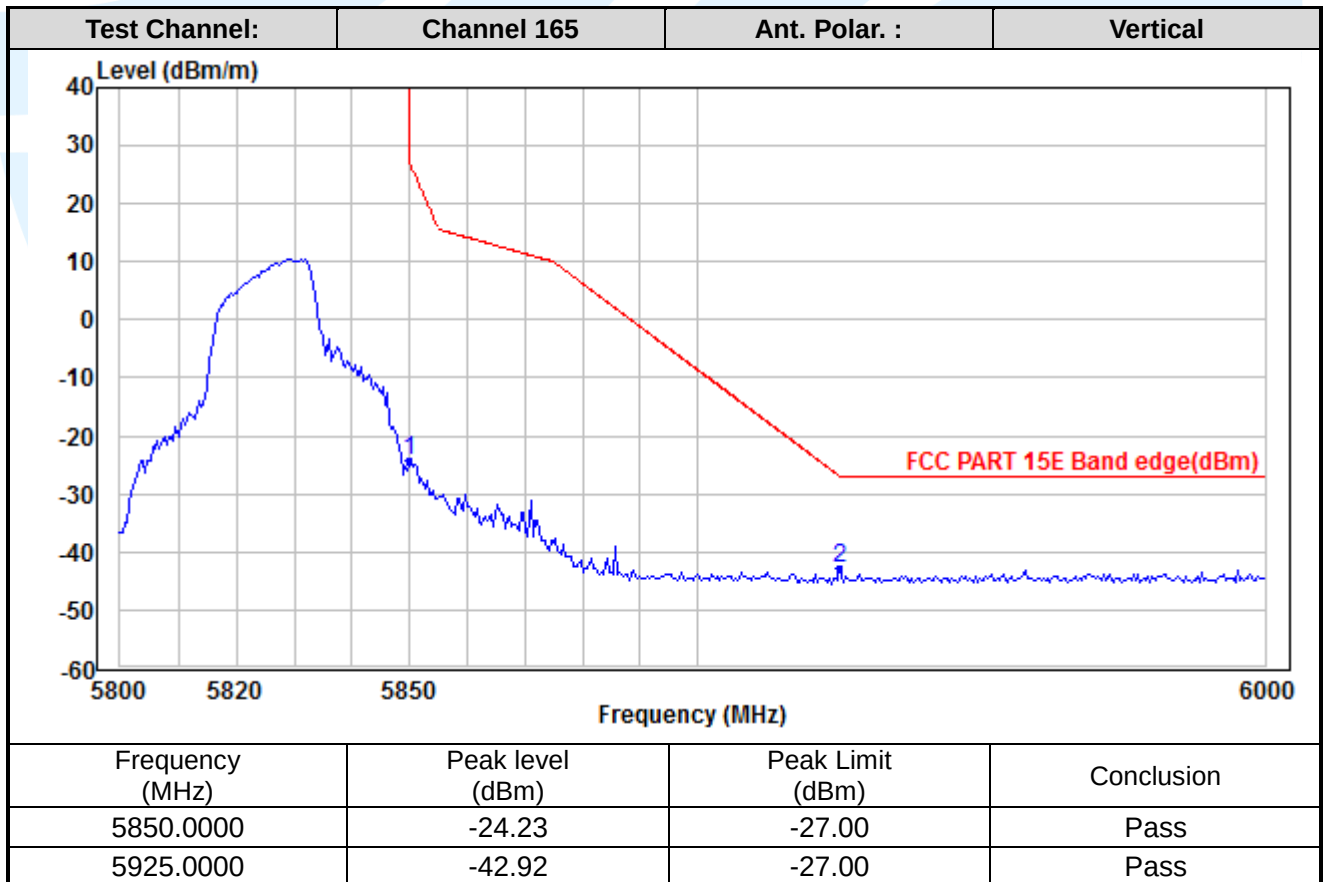
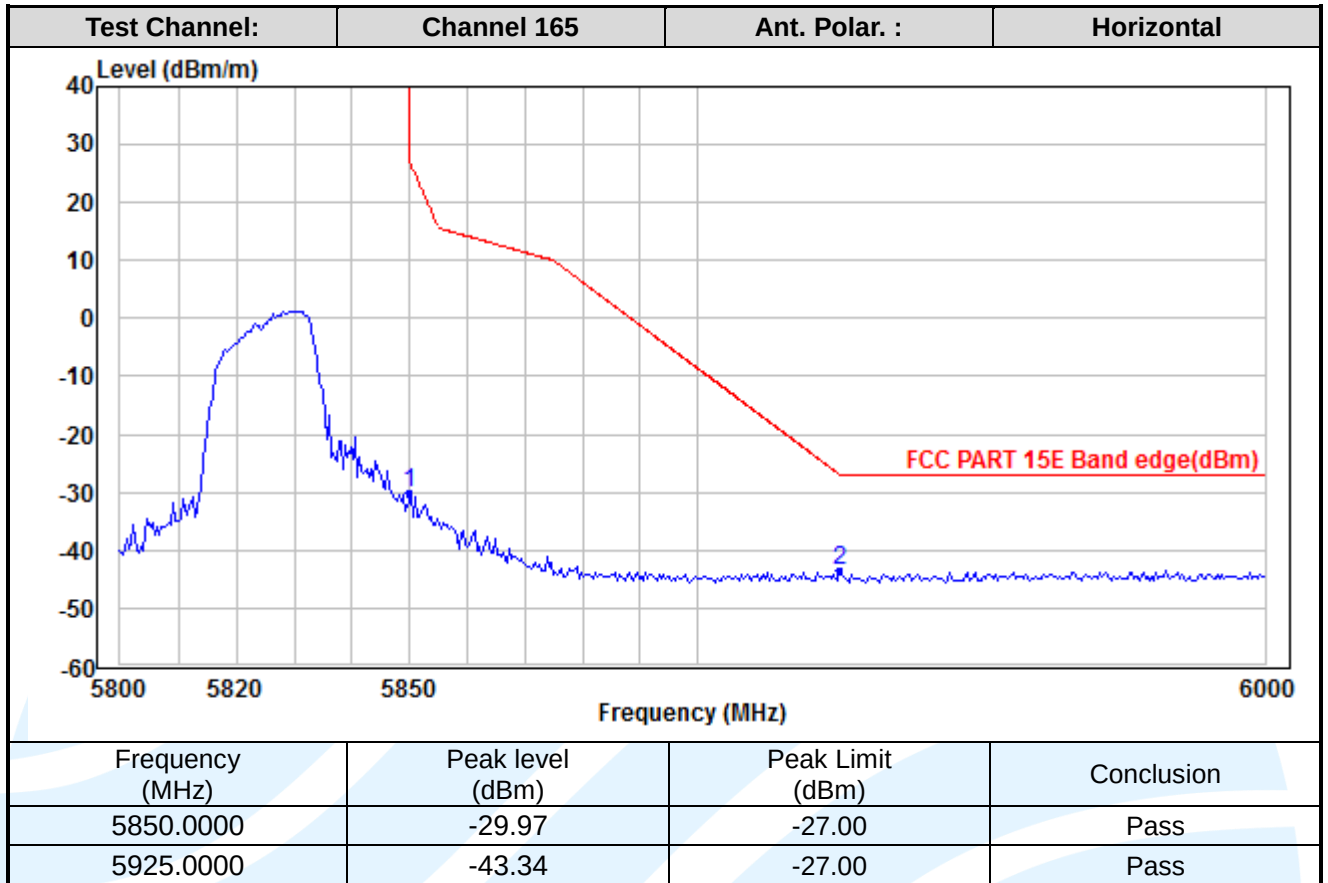
Tel: +86-755-28230888

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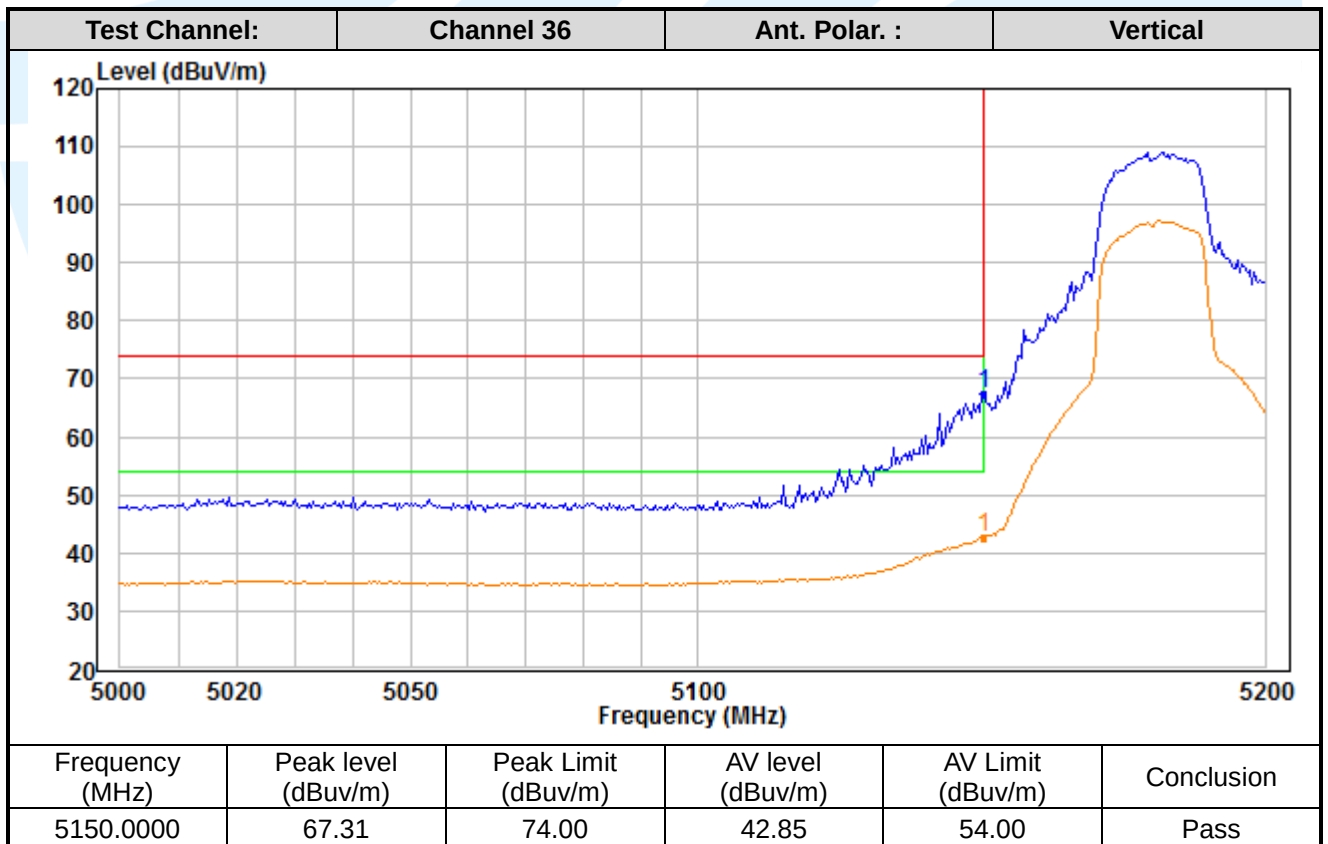
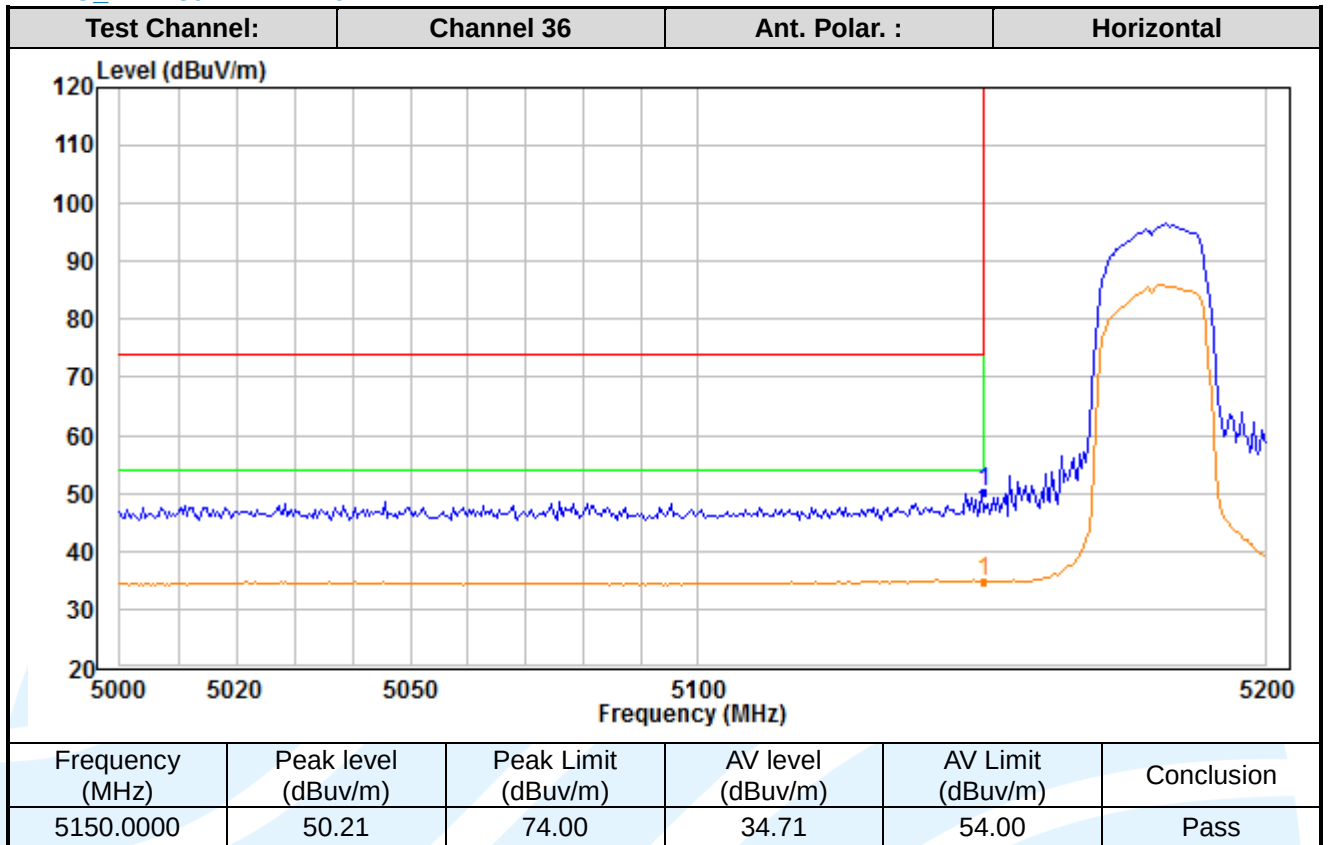
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MIMO_ IEEE 802.11n-HT20



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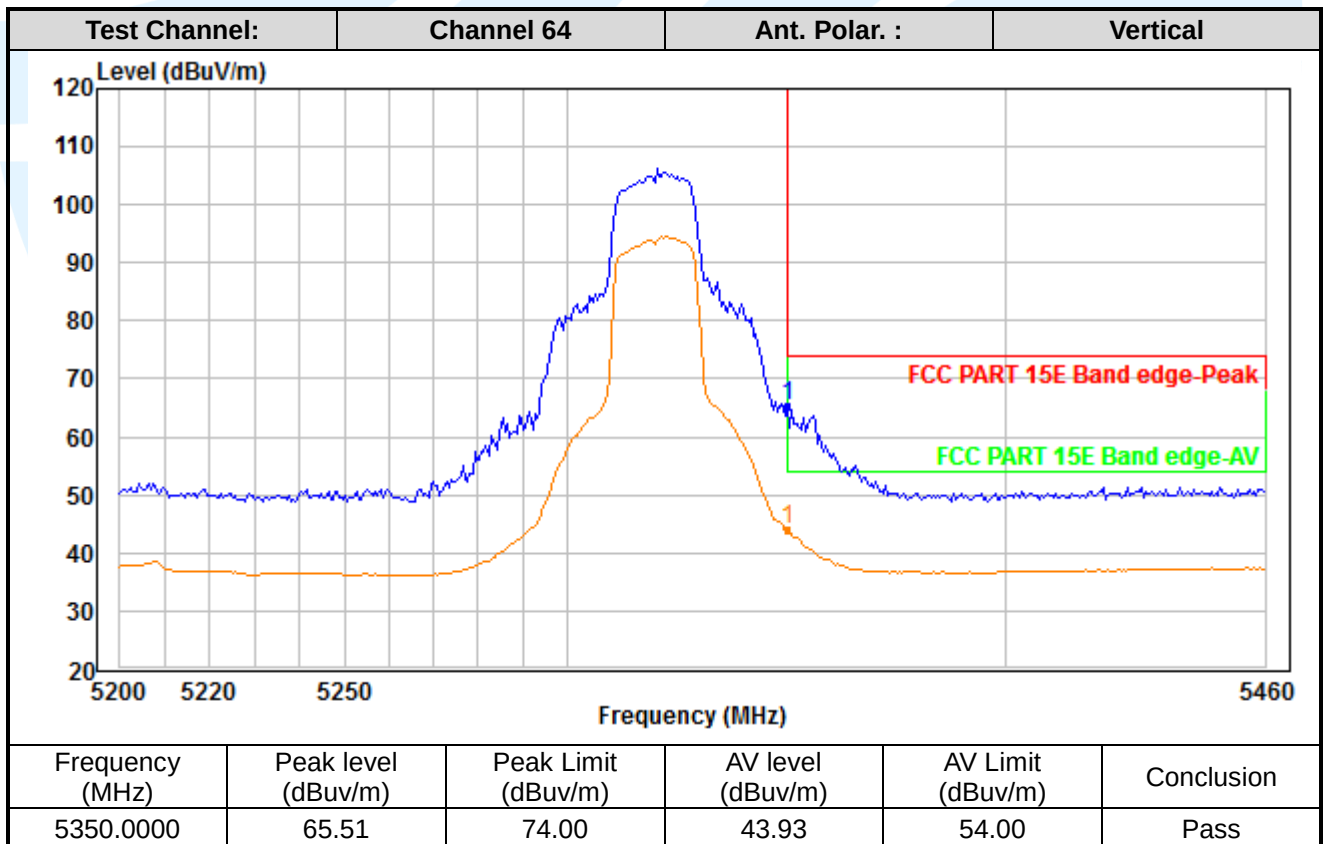
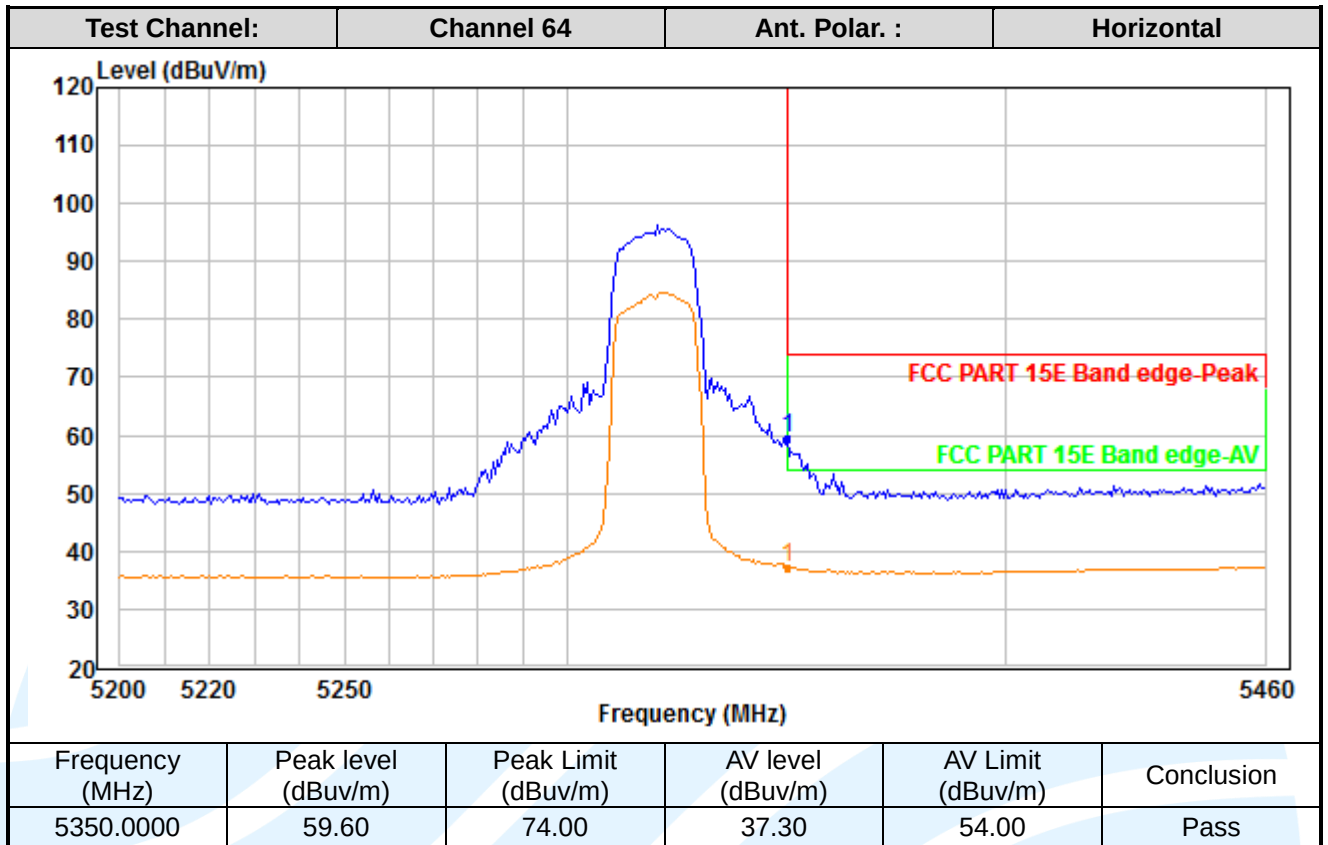
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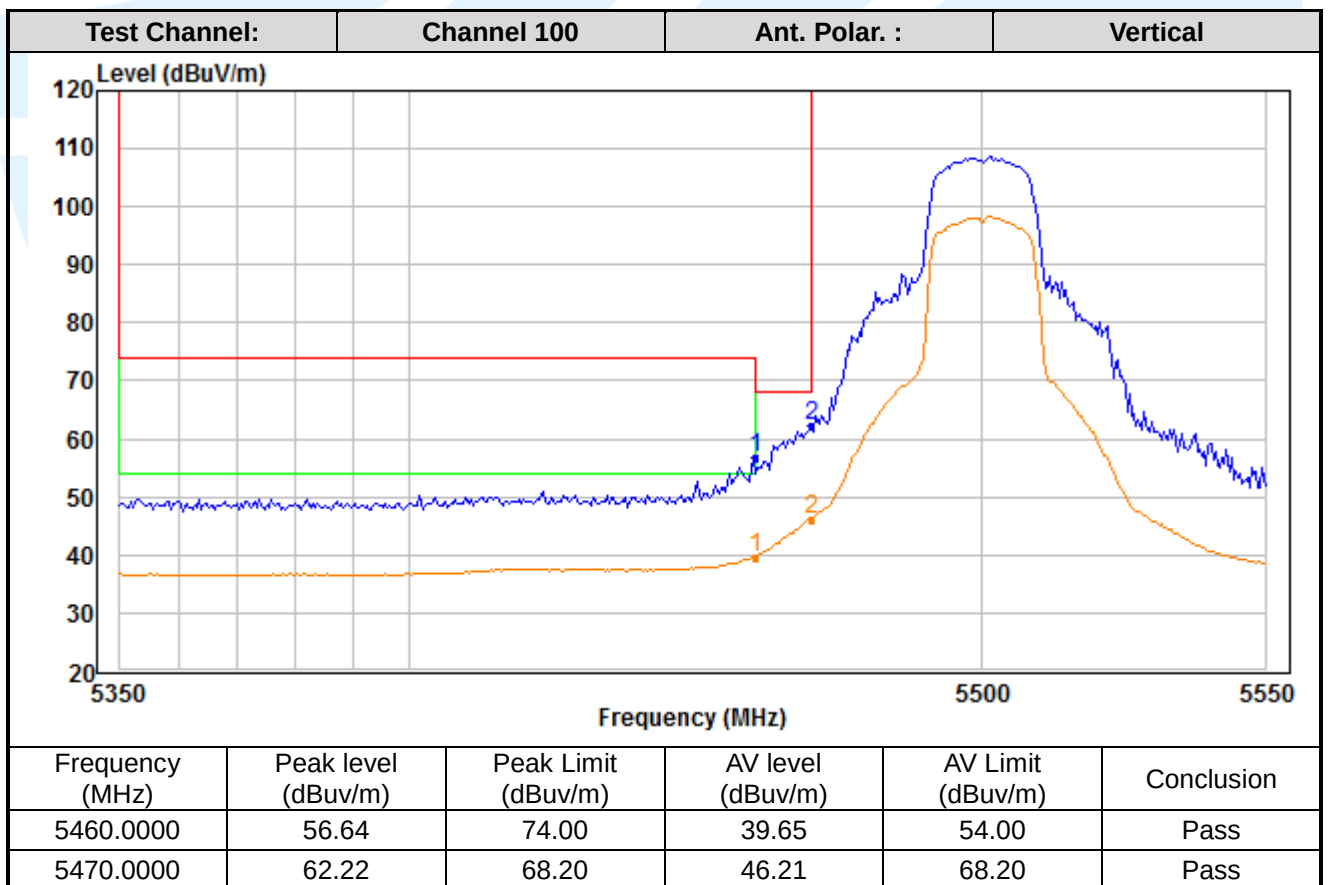
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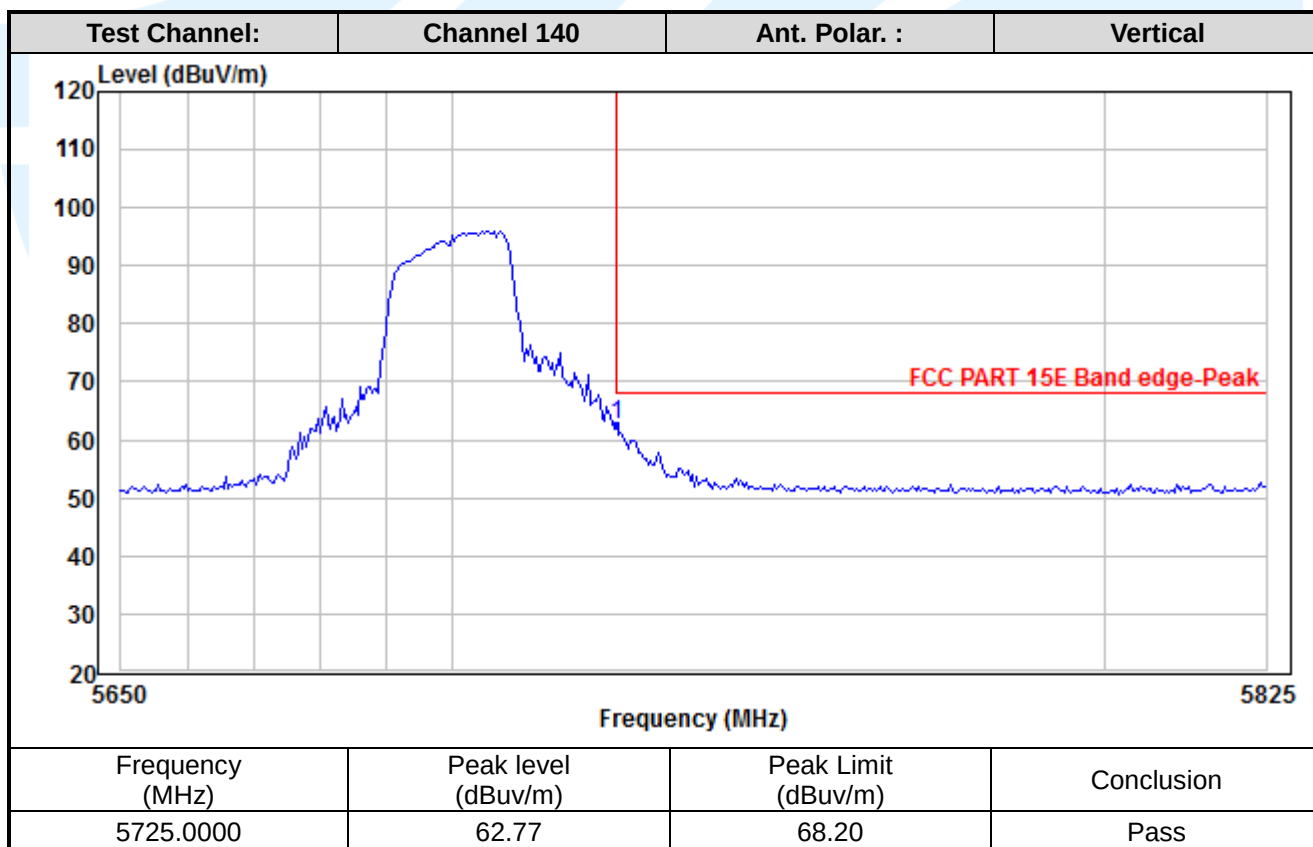
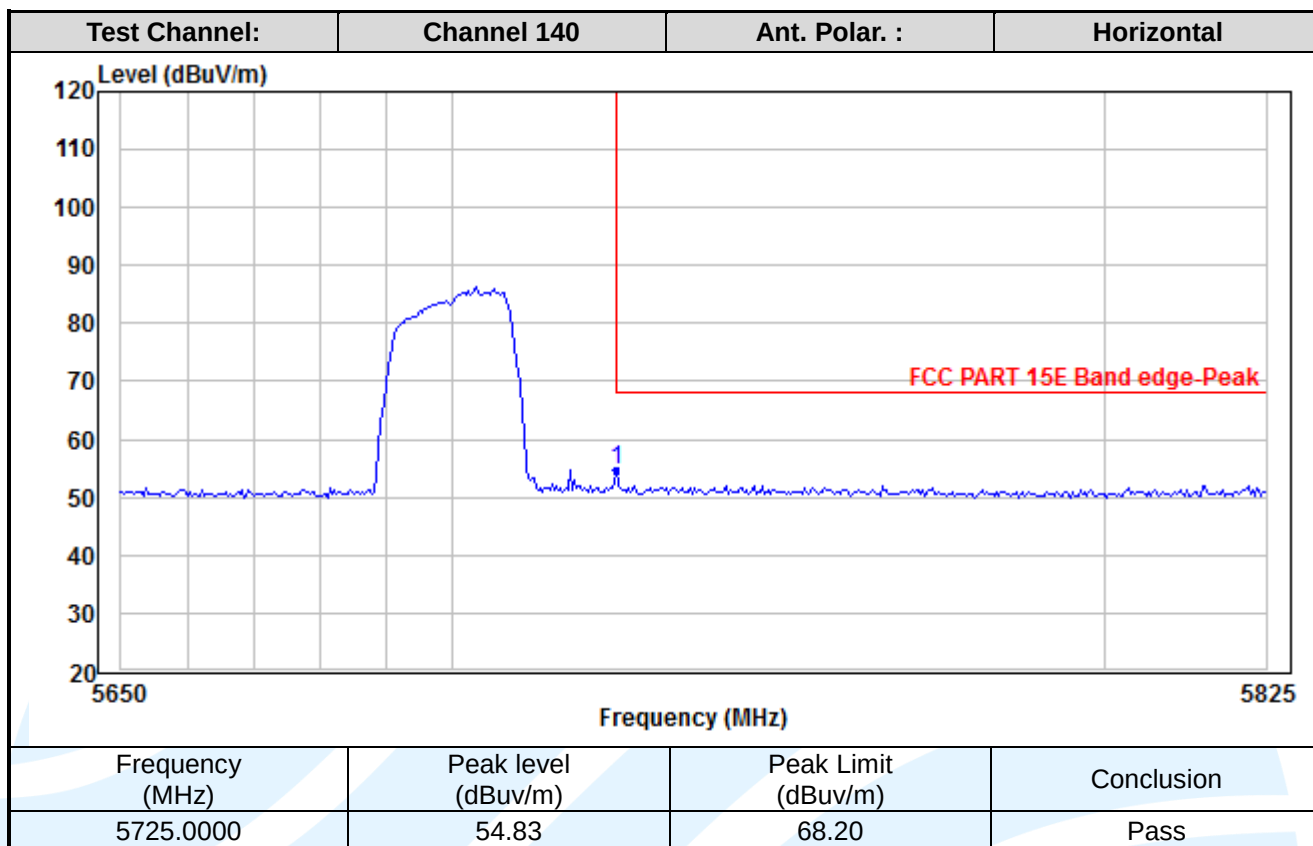
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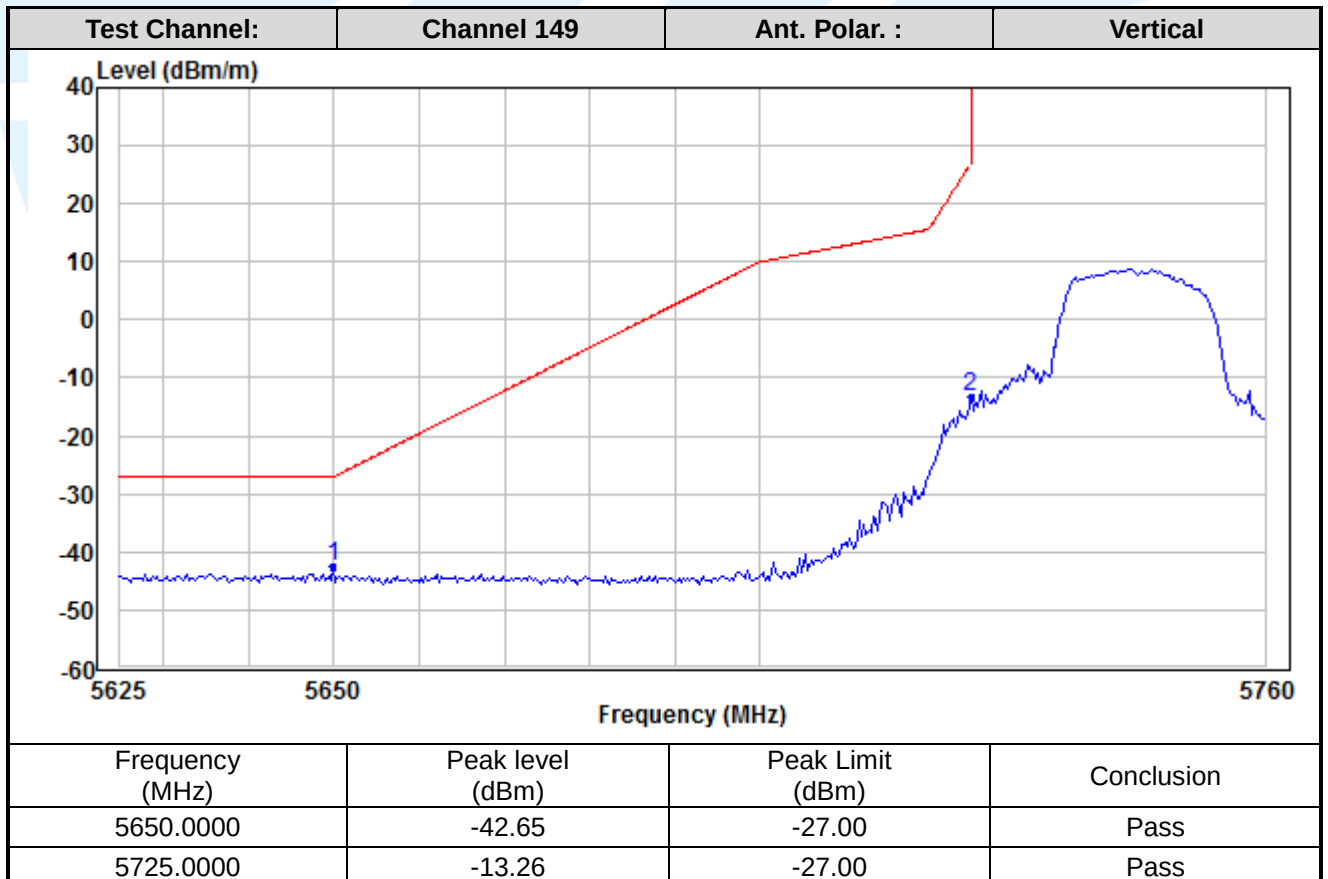
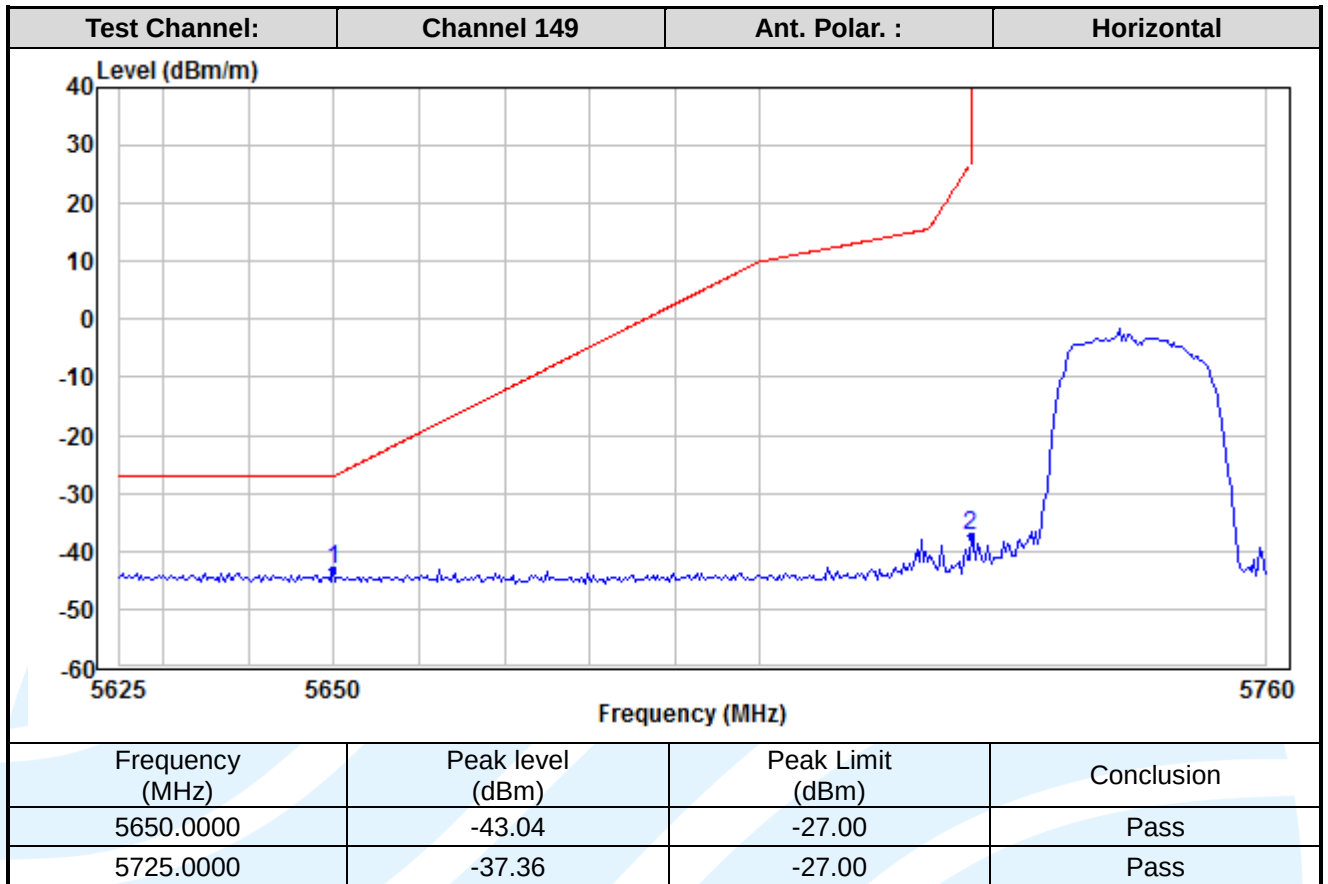
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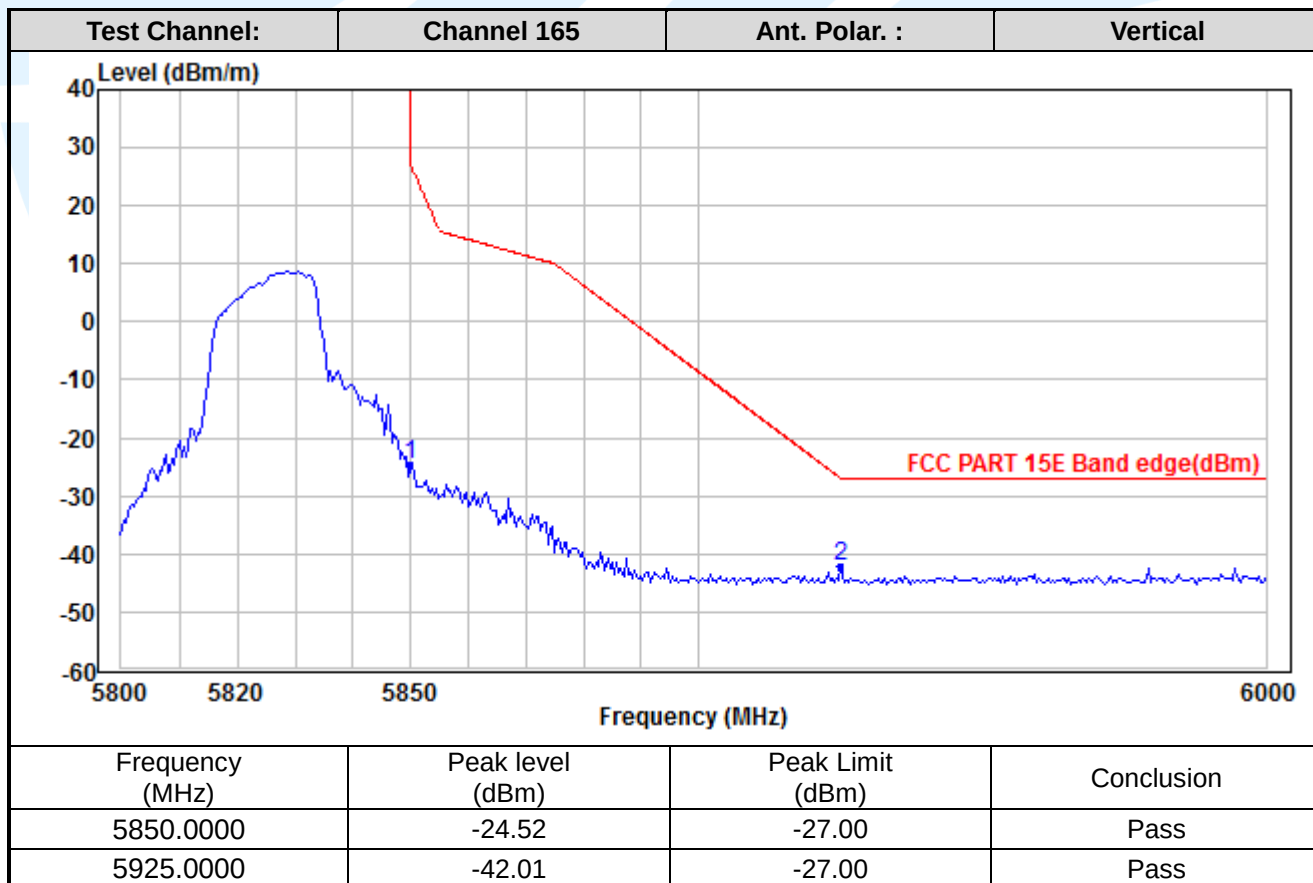
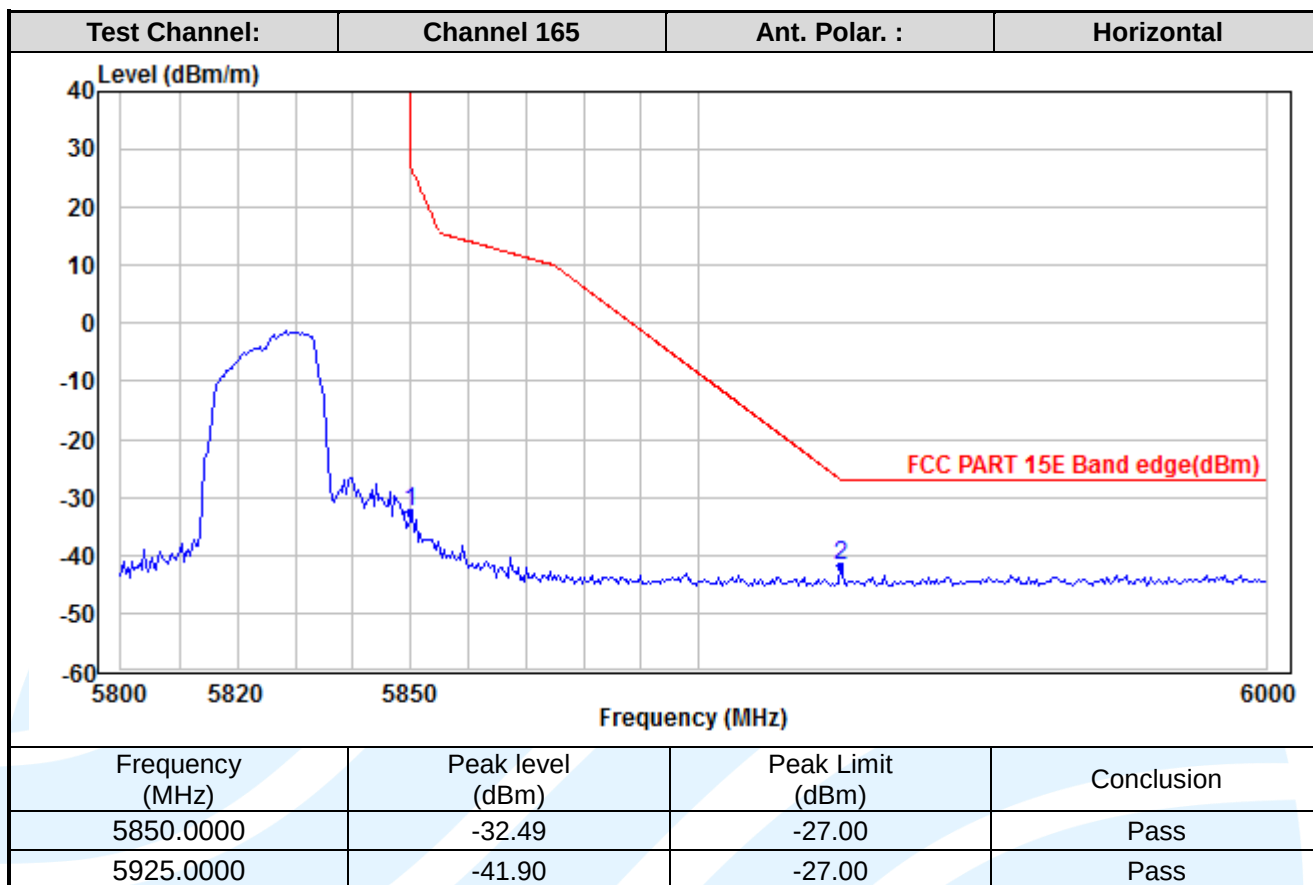
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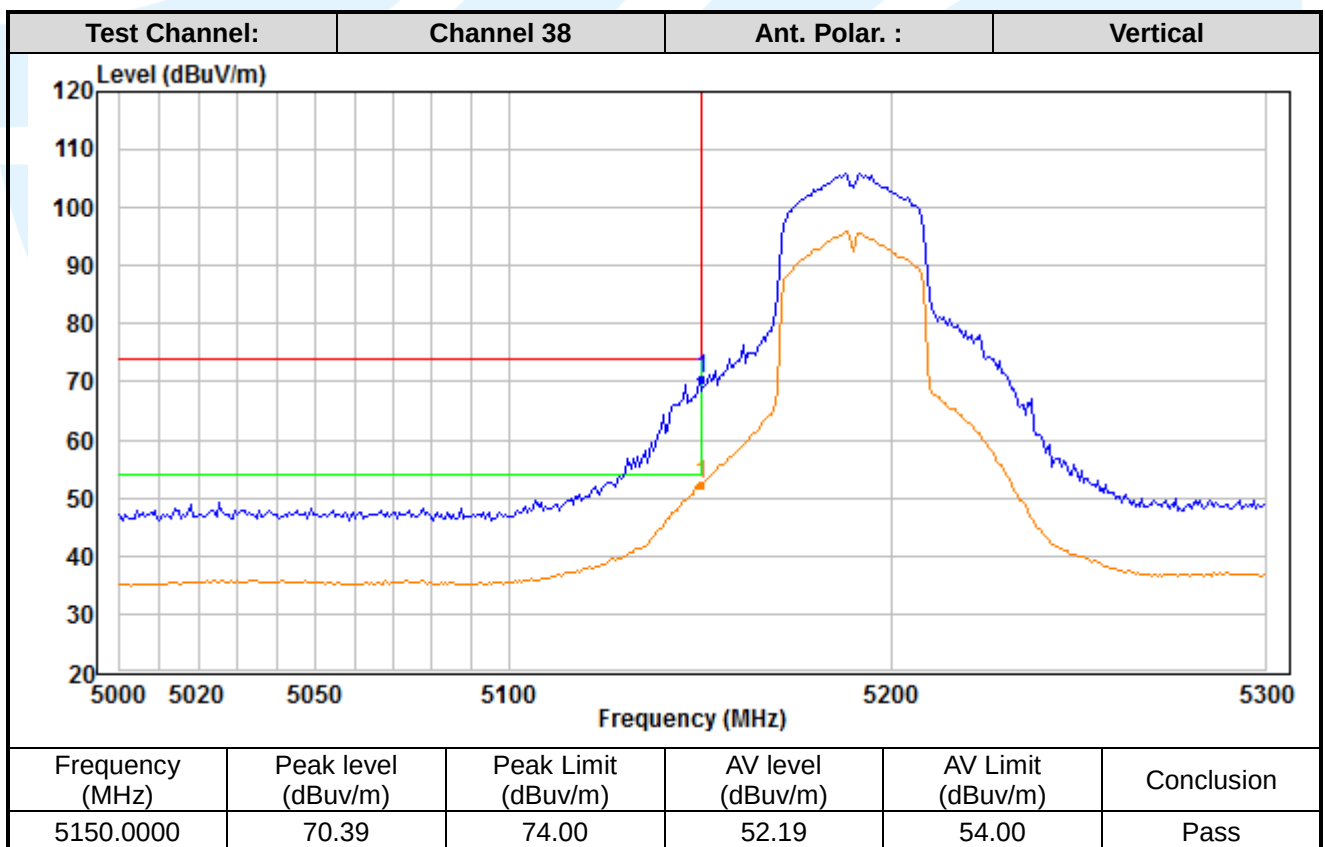
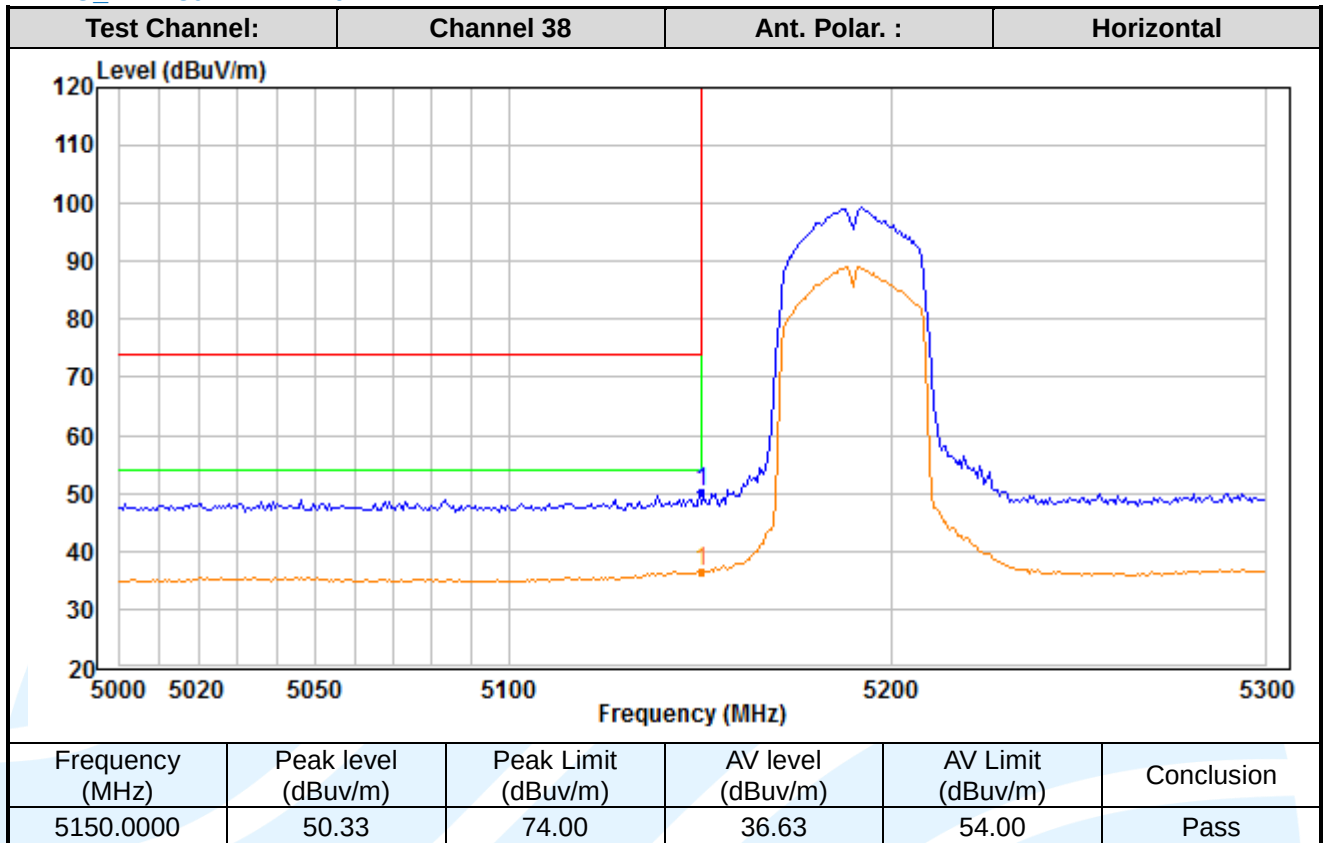
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MIMO_ IEEE 802.11n-HT40



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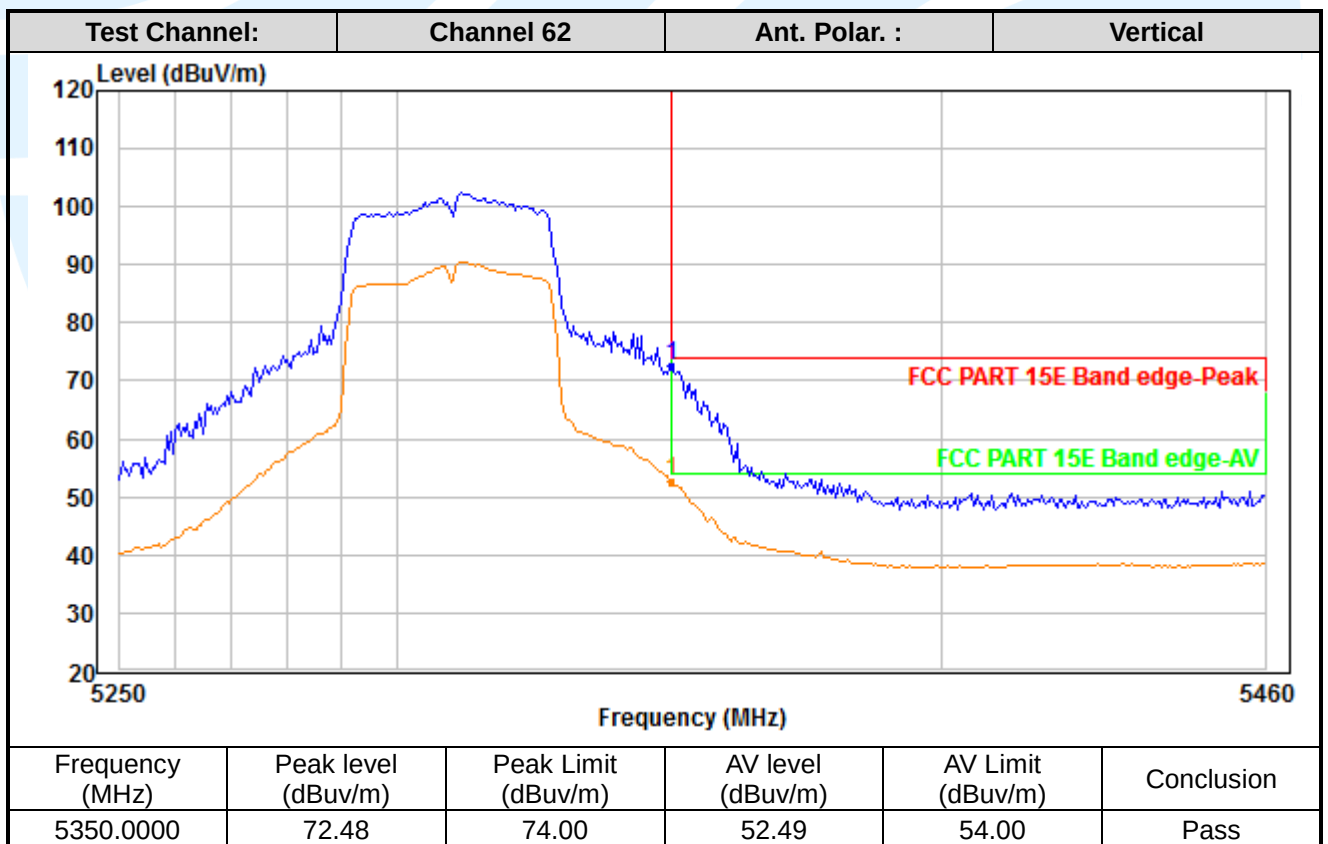
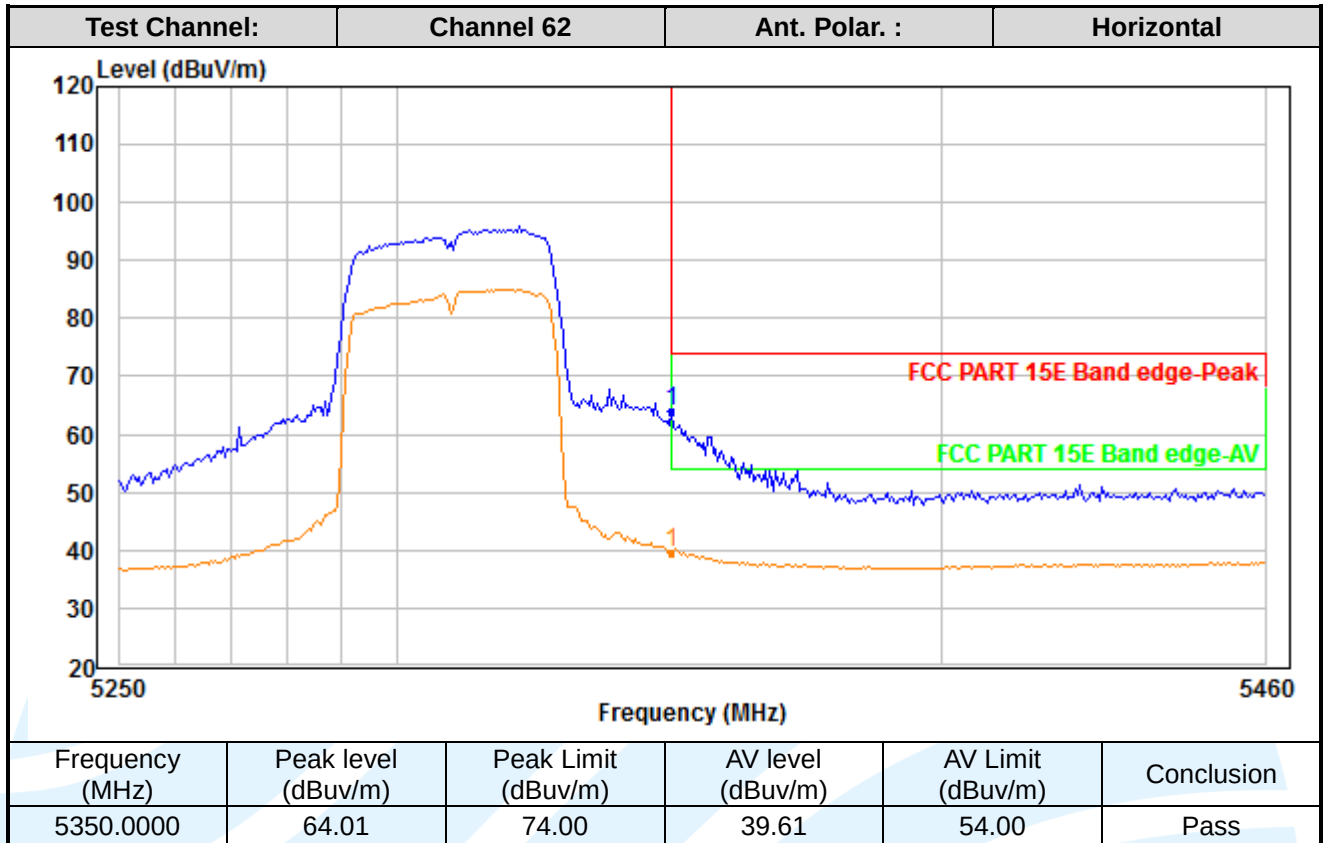
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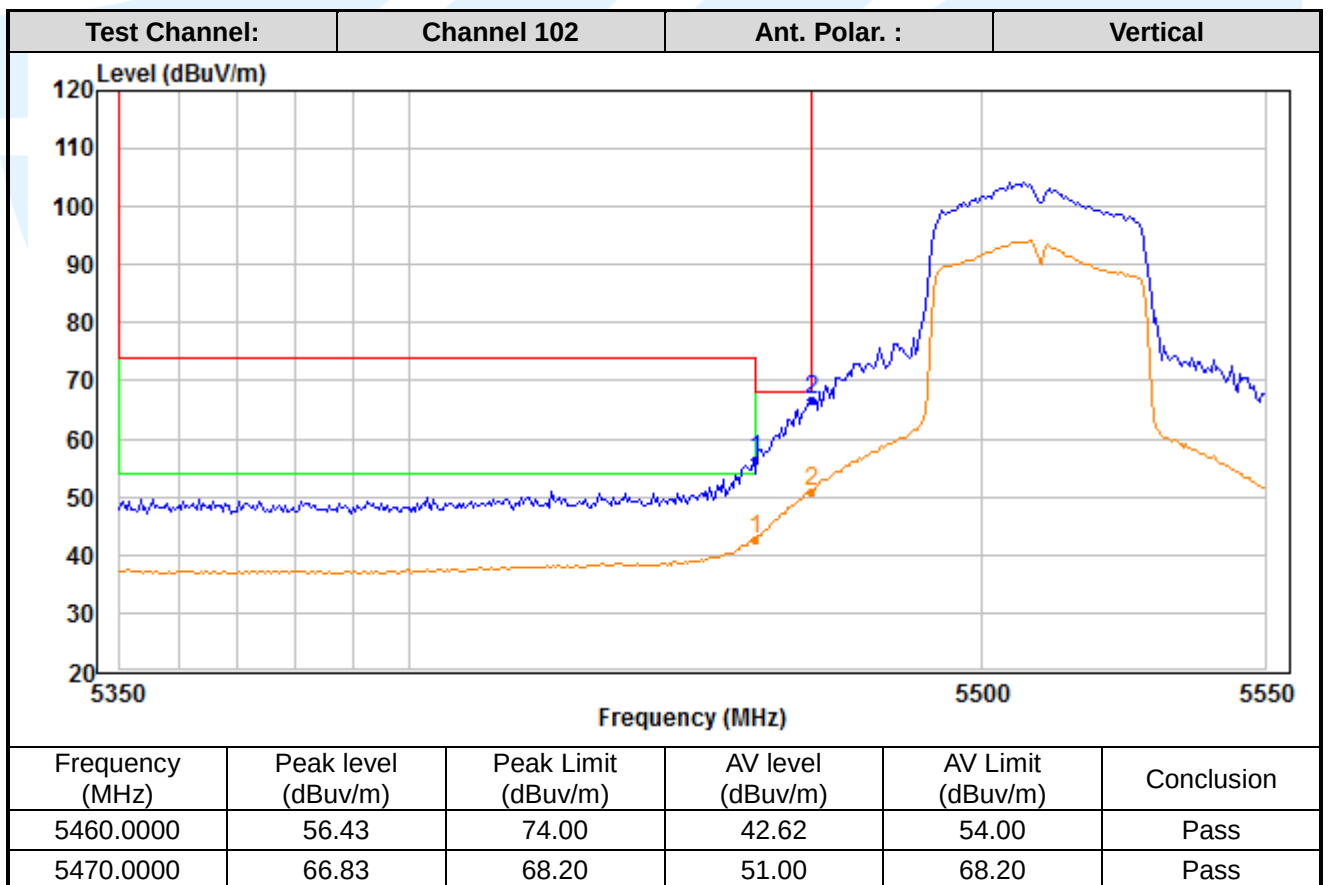
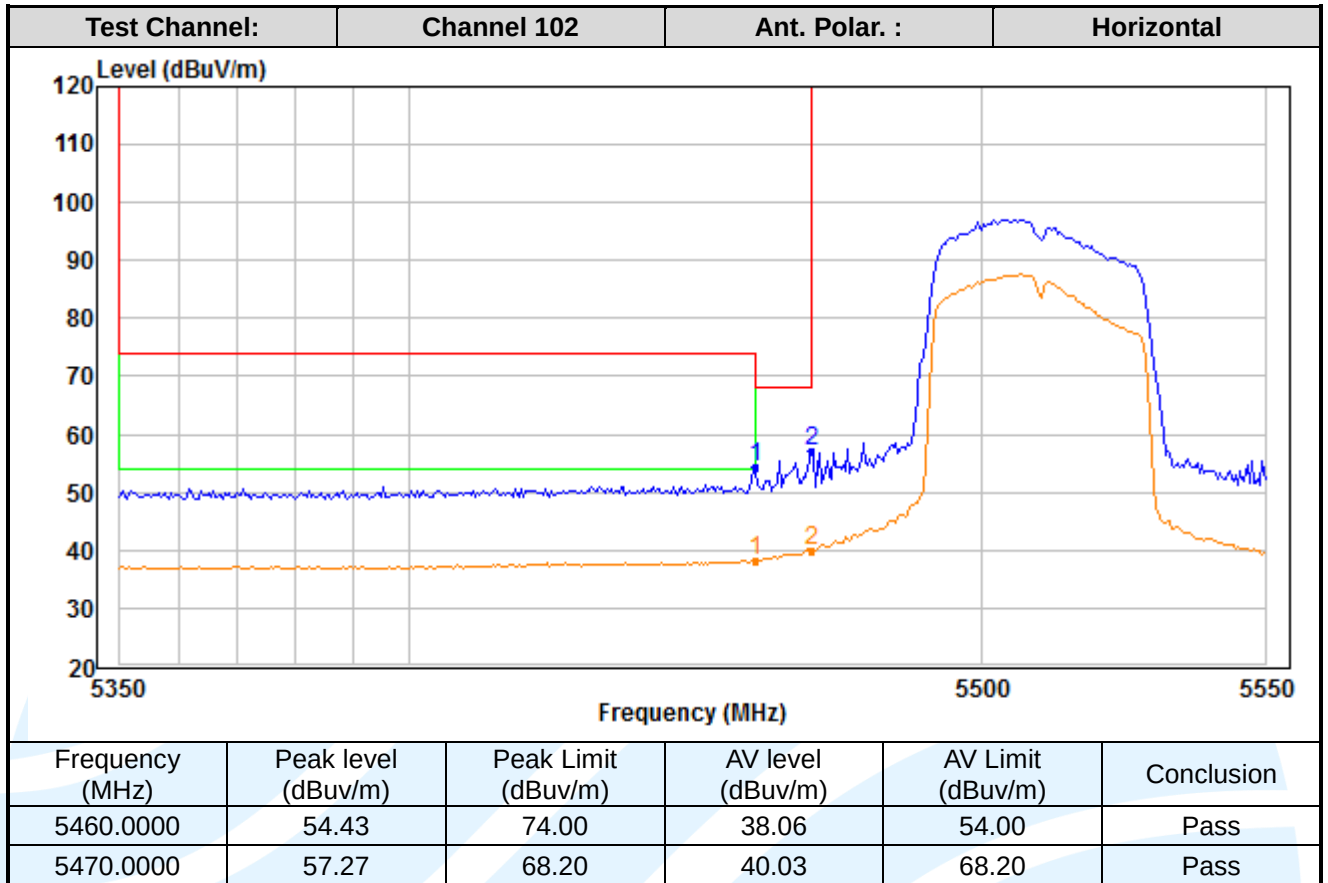
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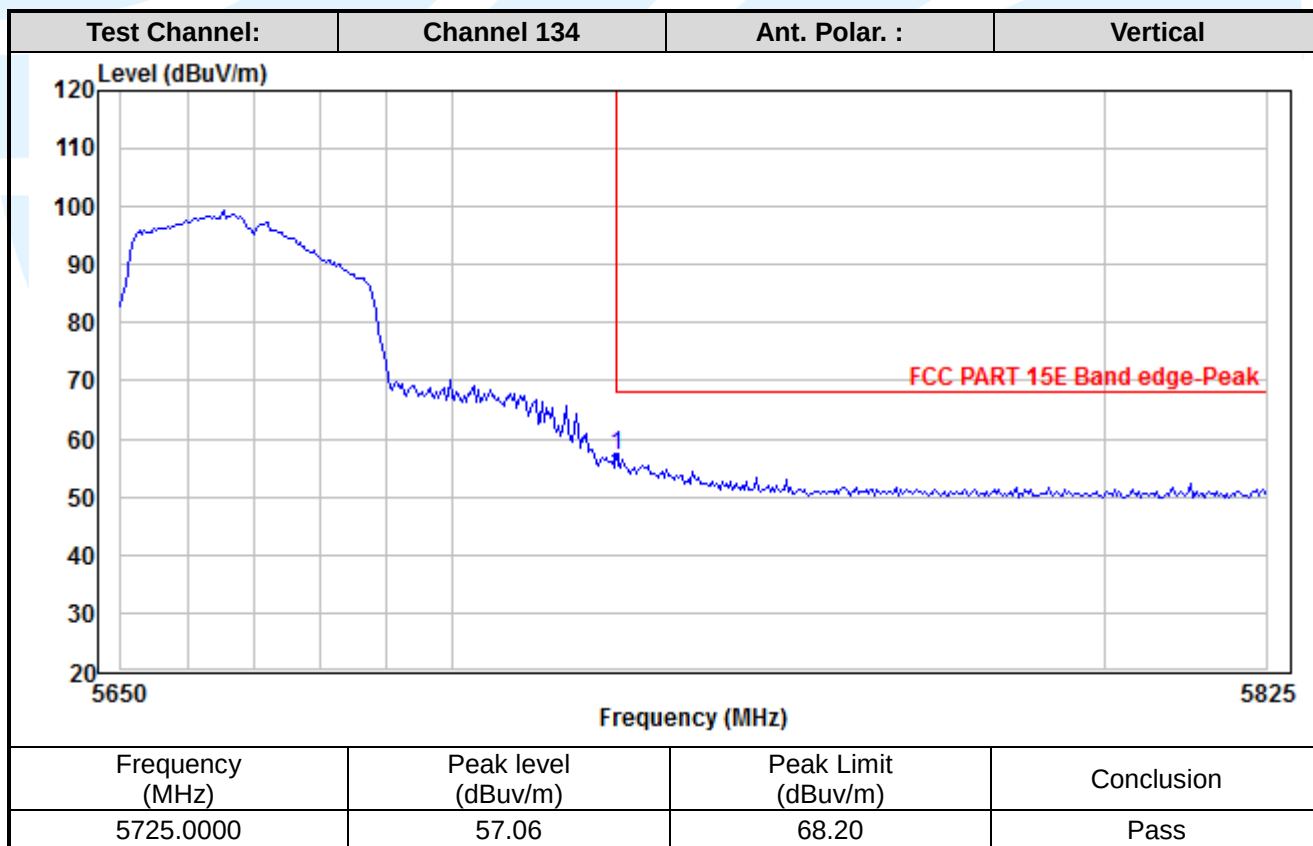
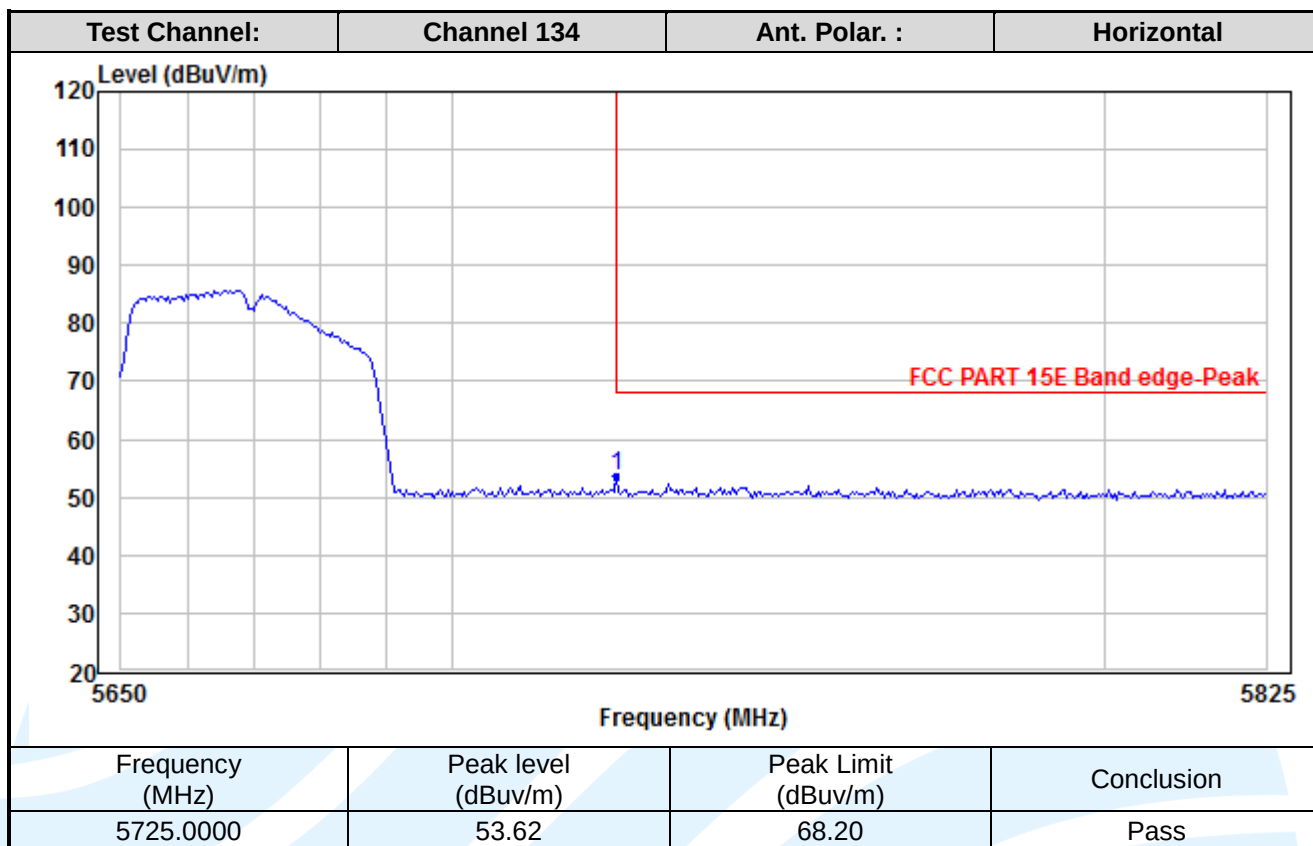
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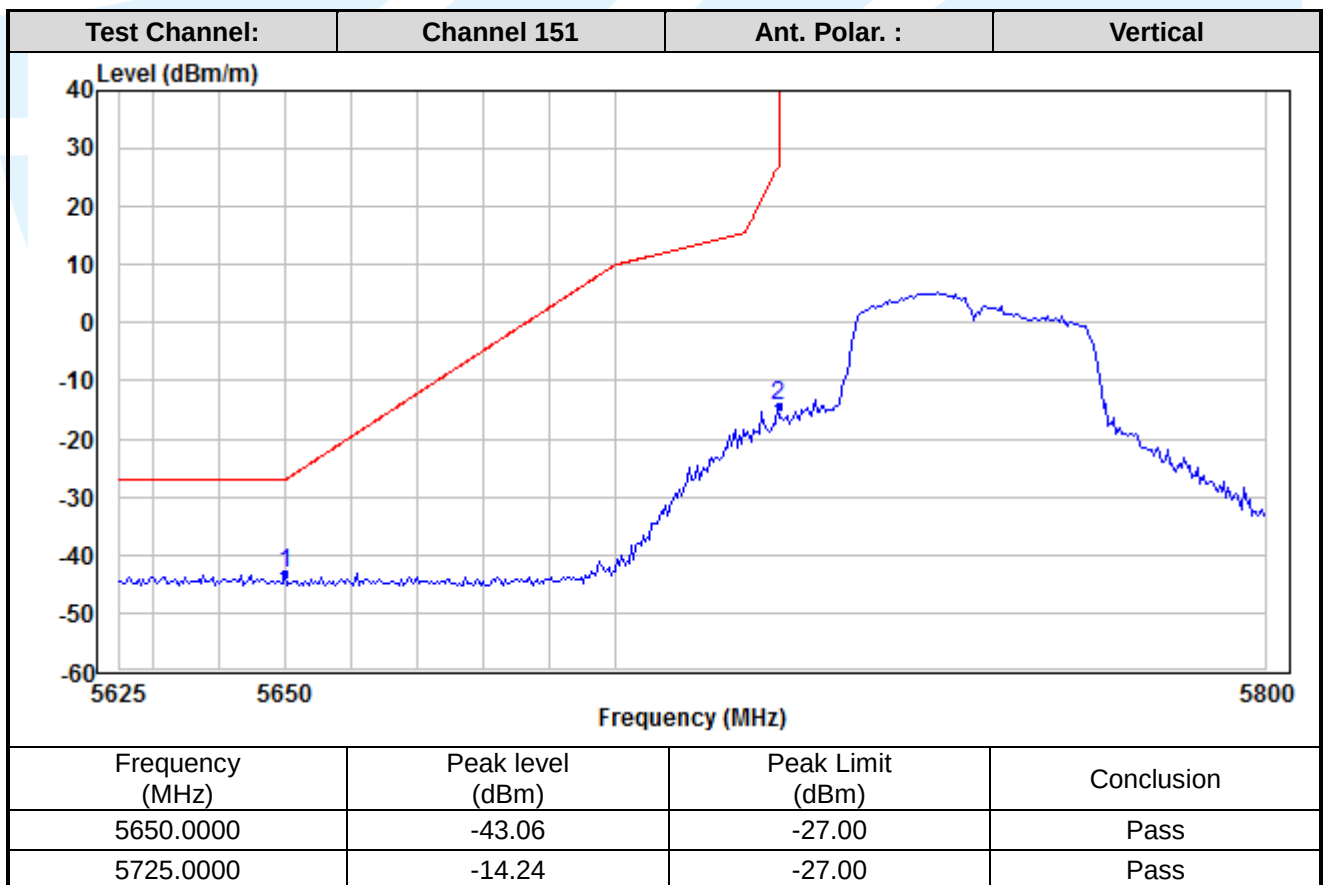
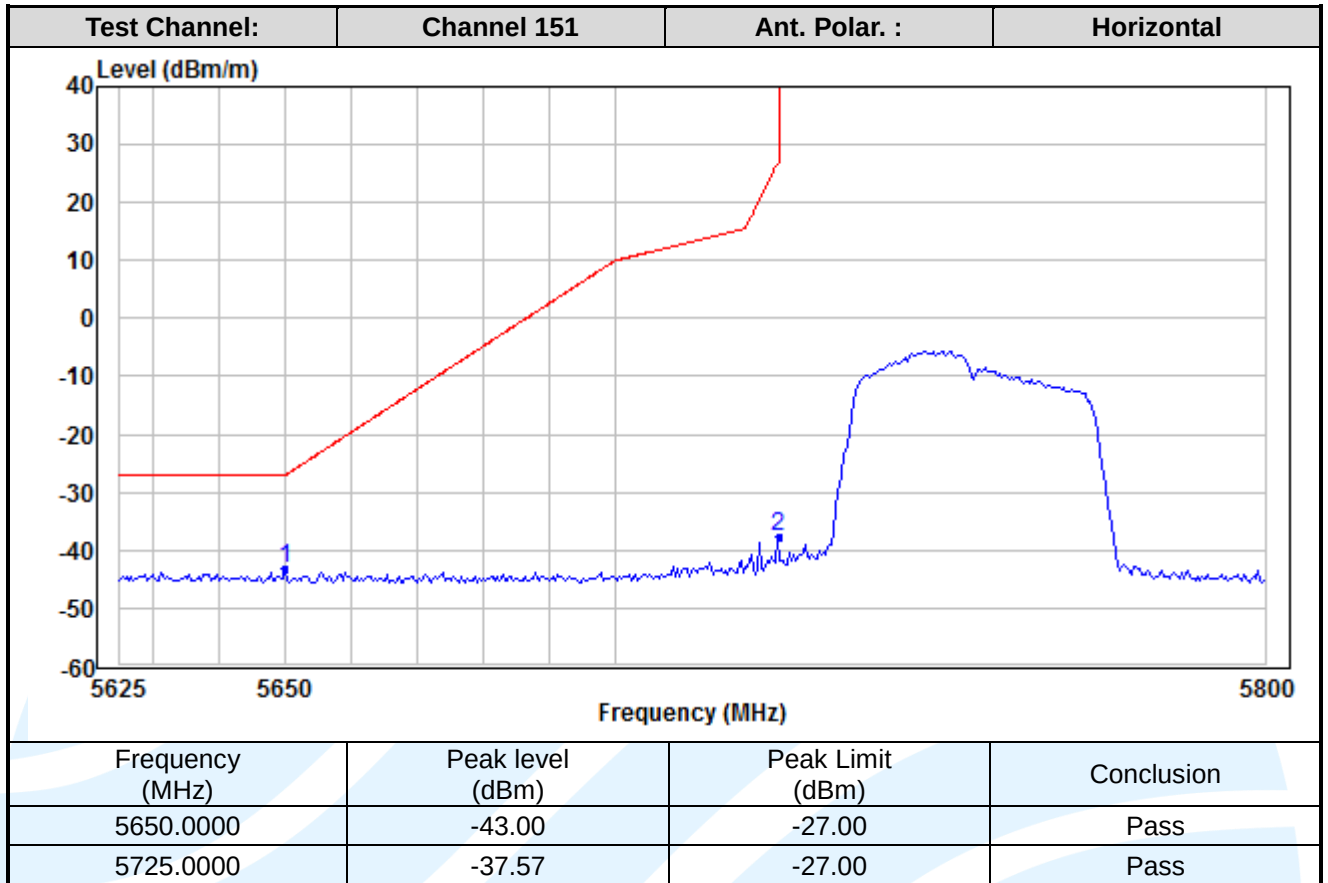
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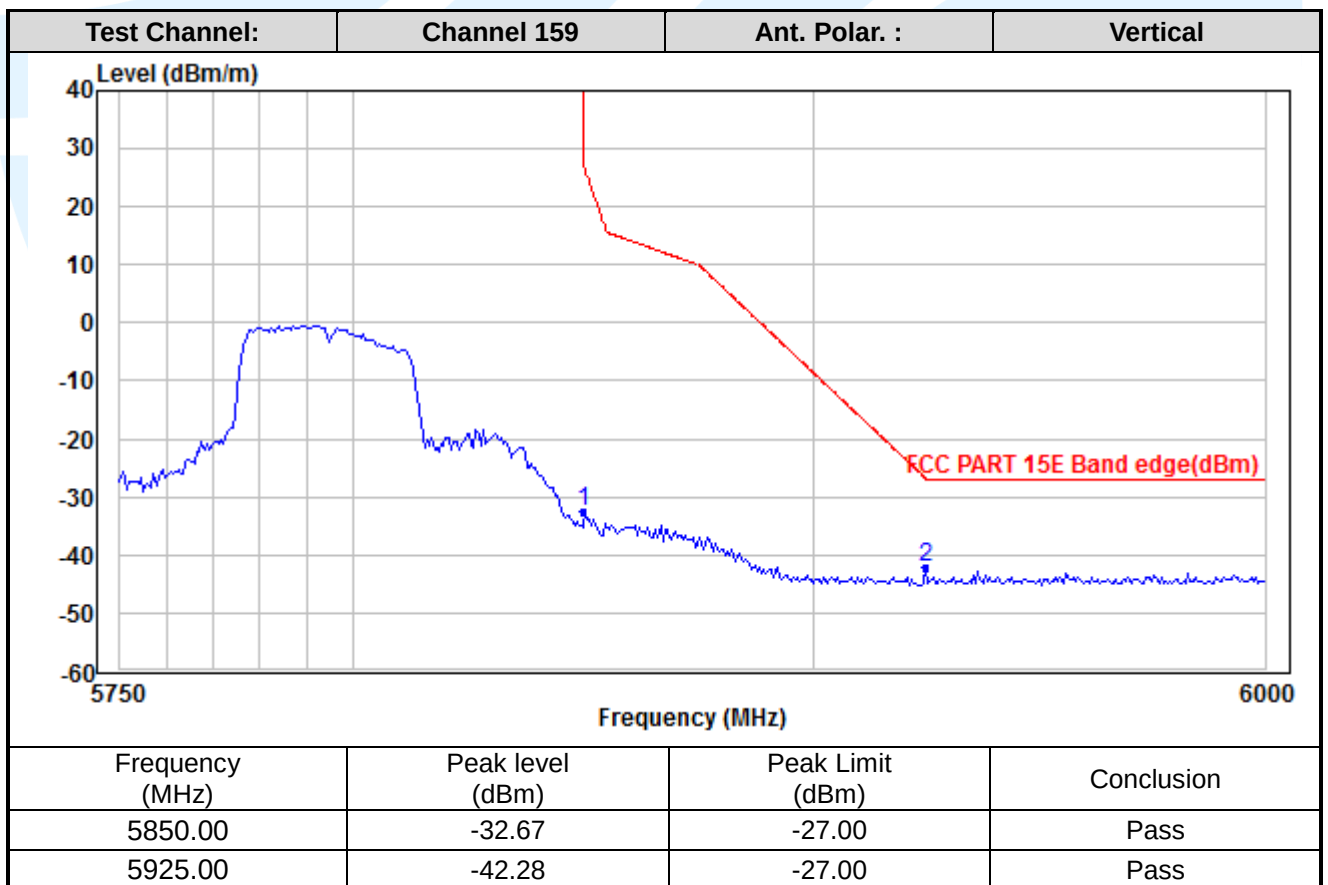
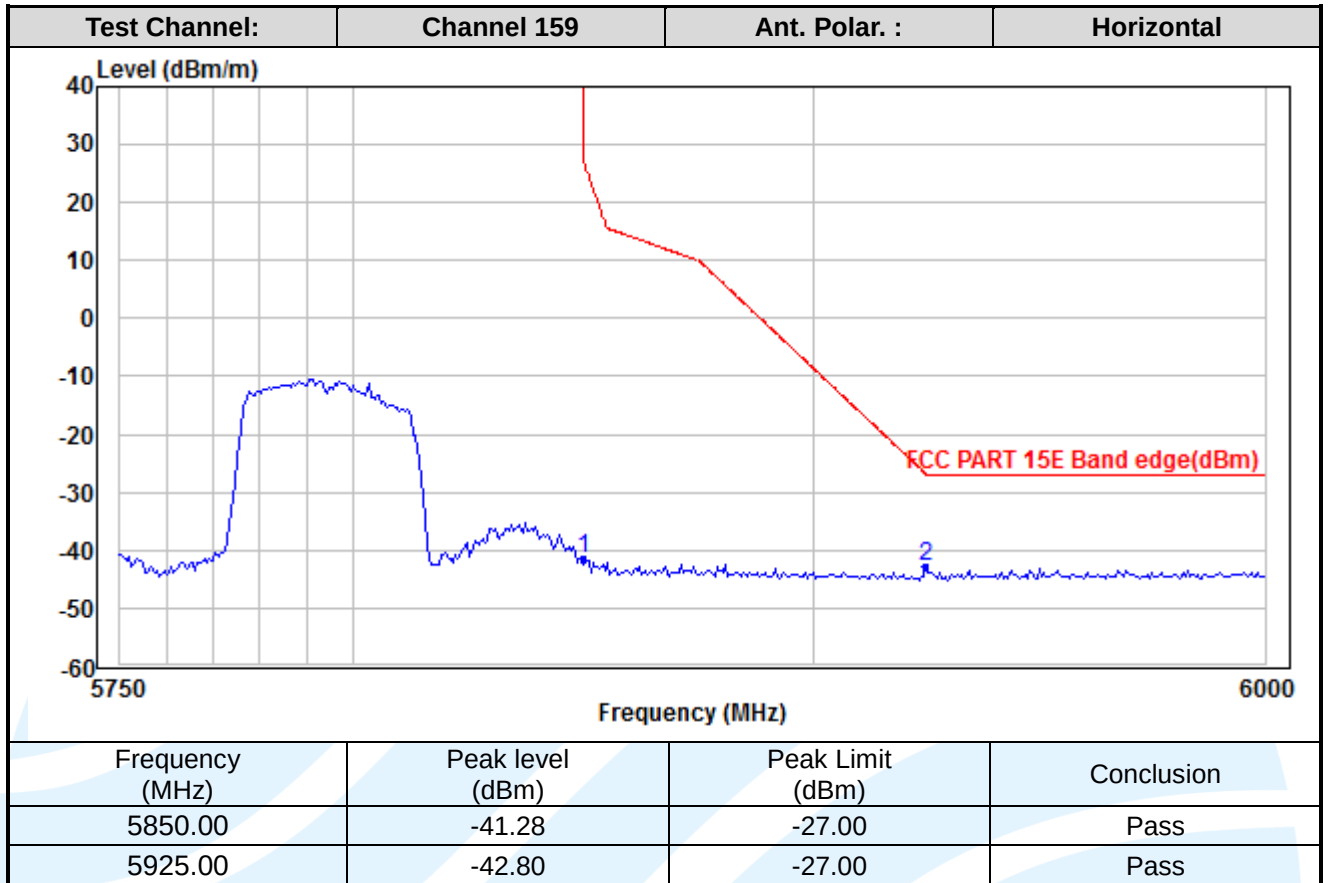
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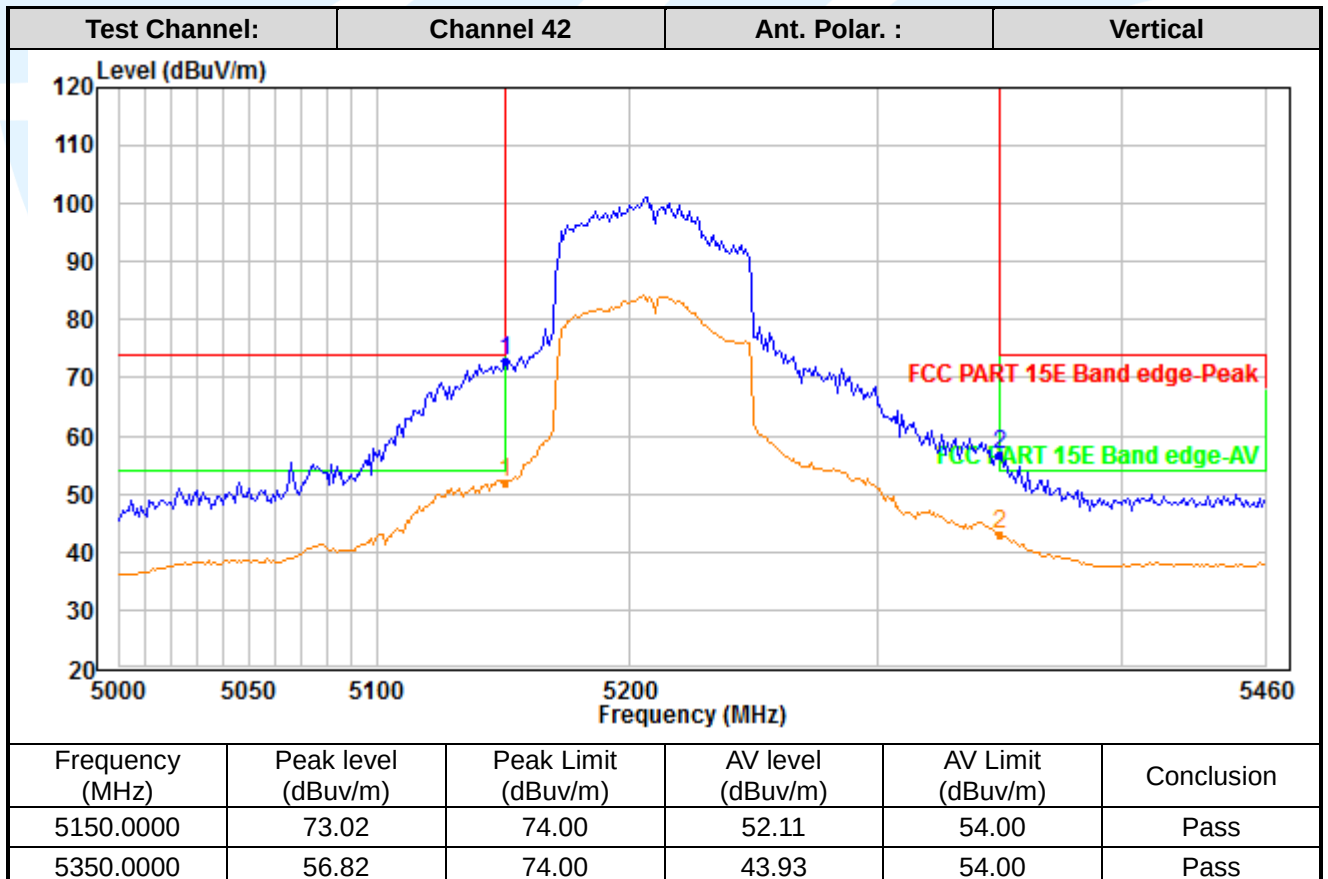
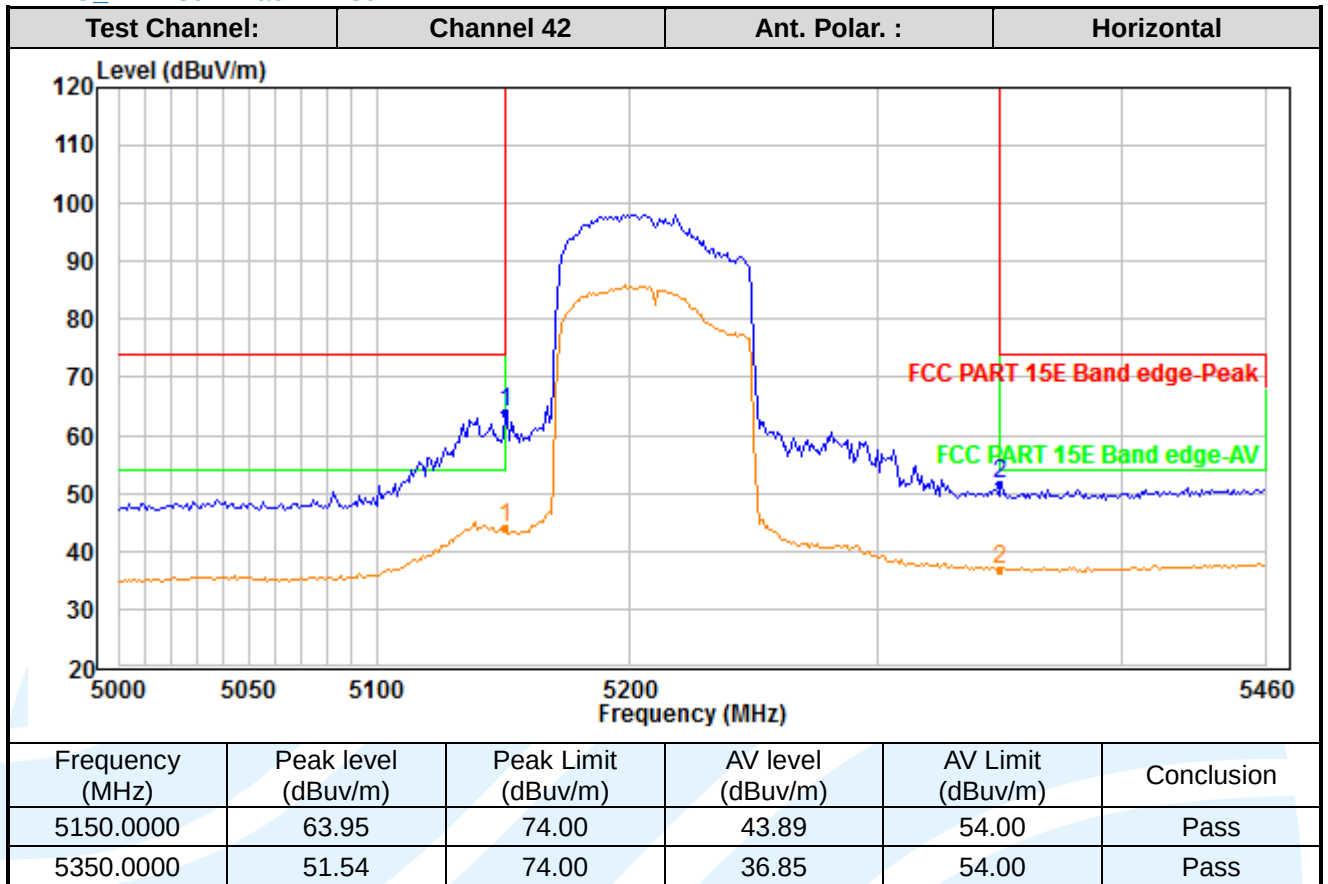
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MIMO_ IEEE 802.11ac-VHT80



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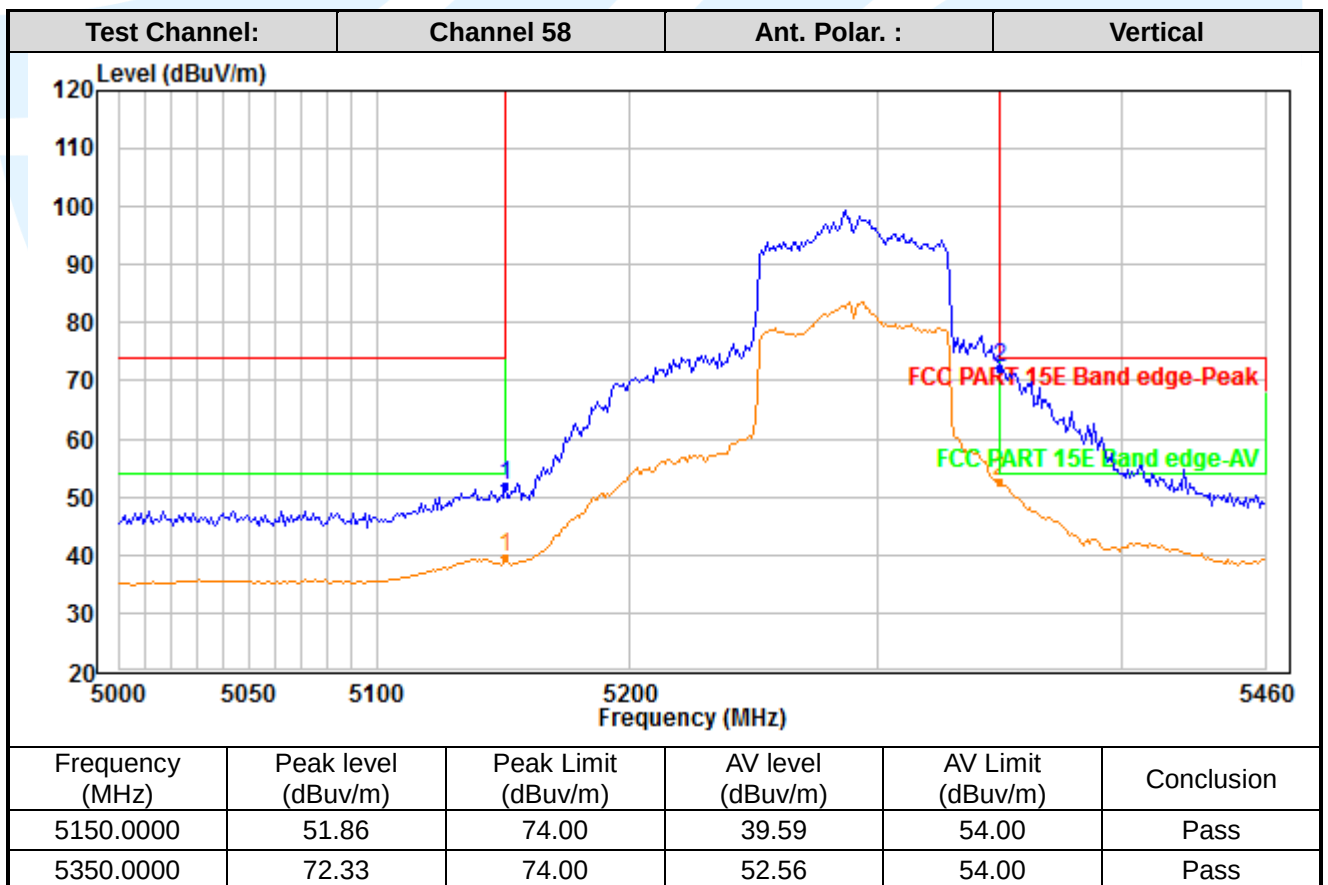
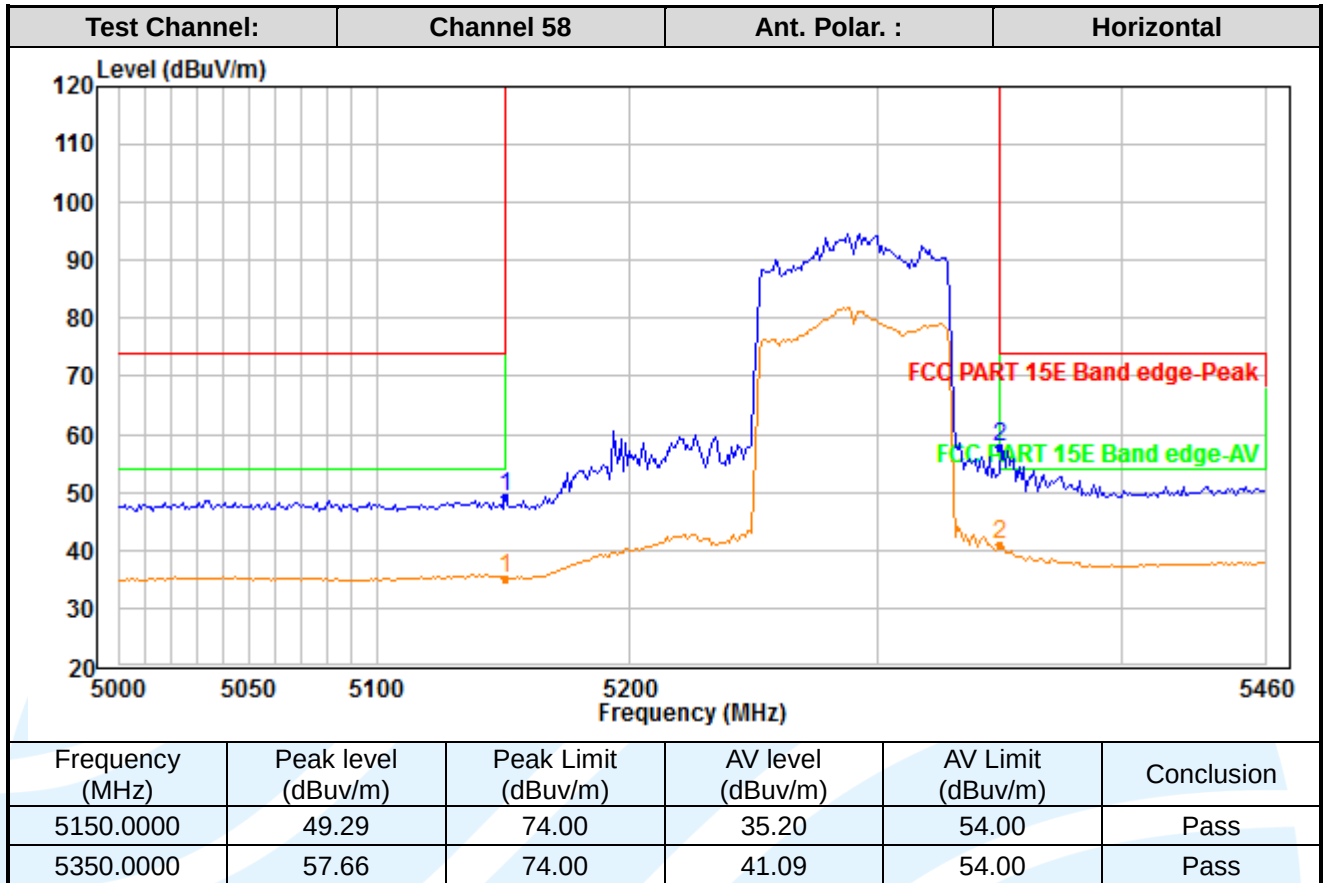
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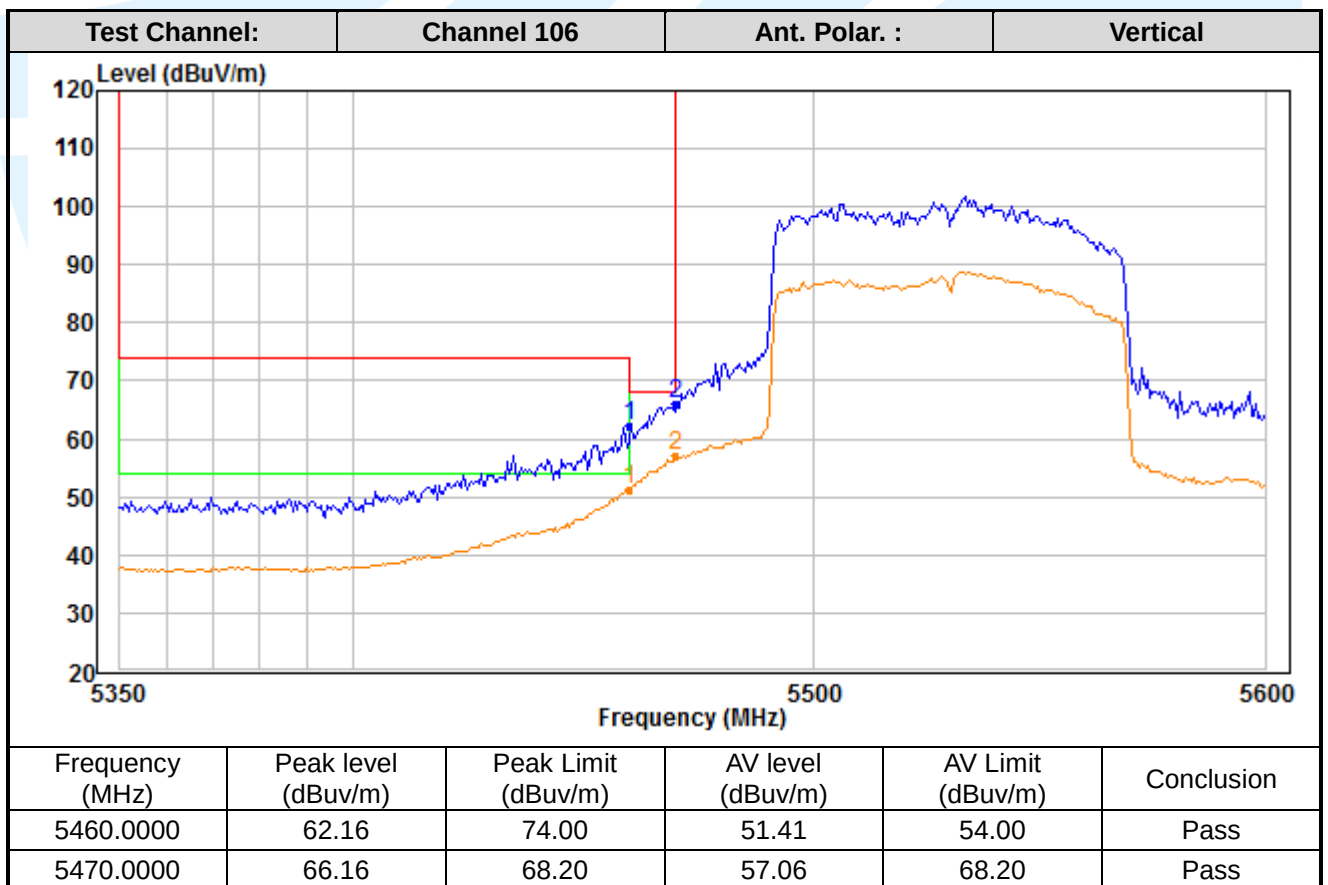
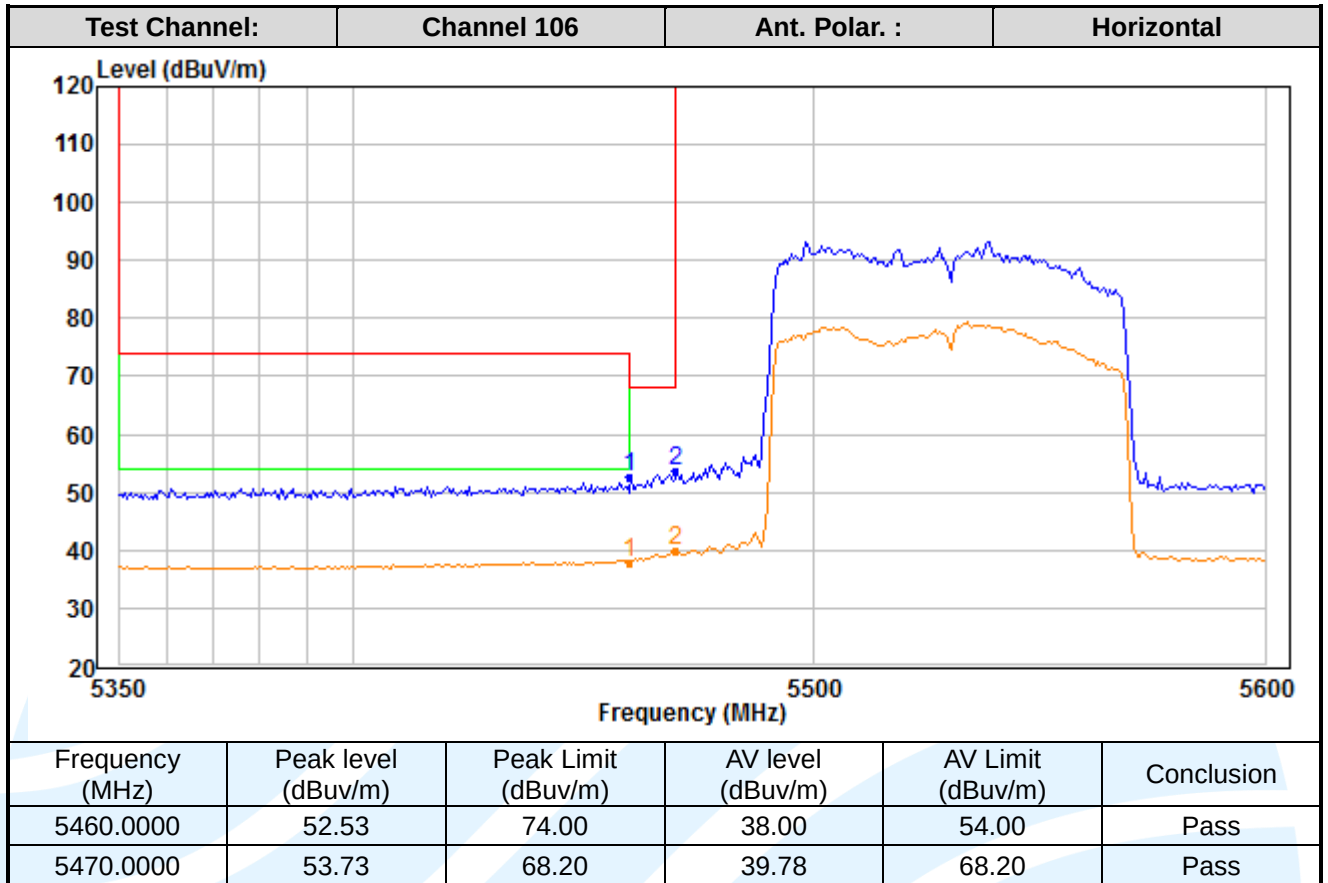
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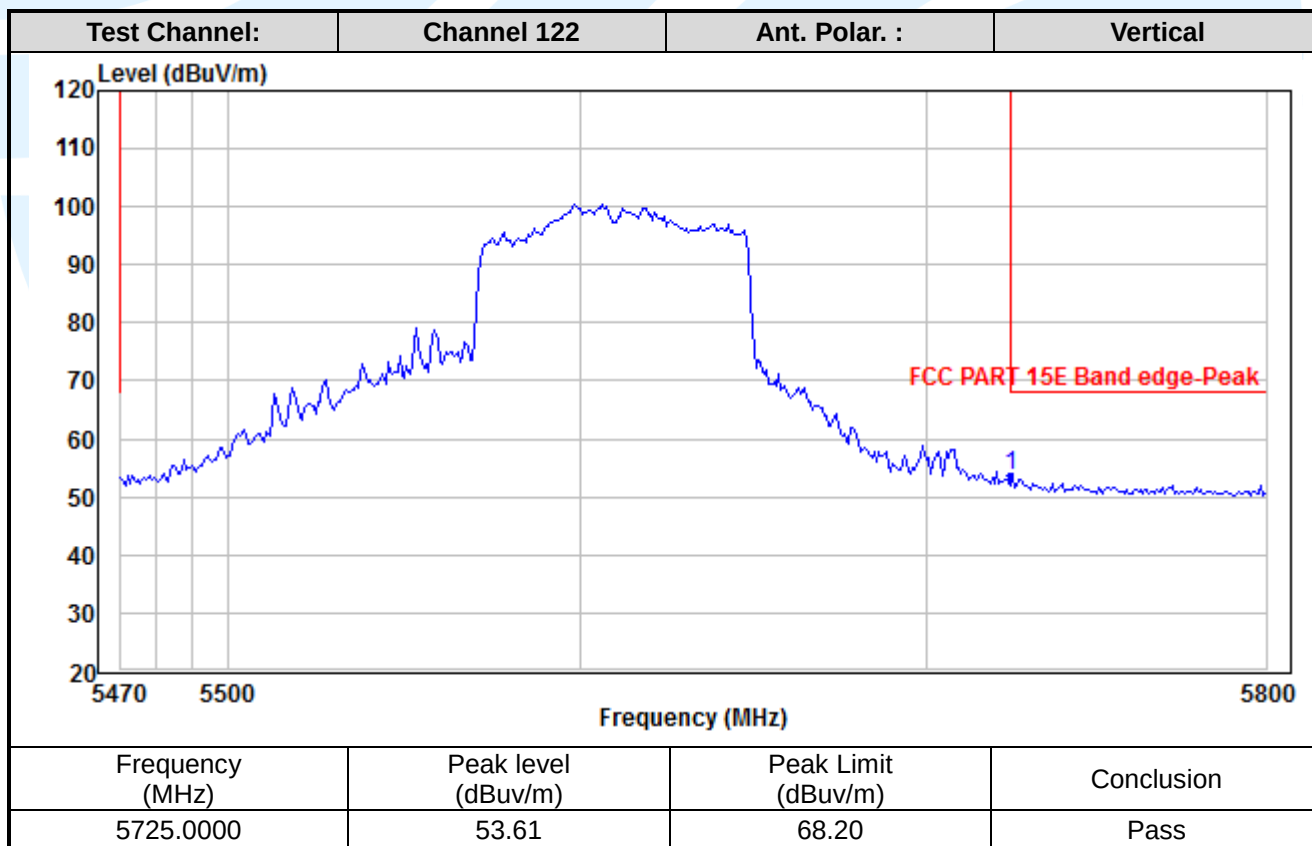
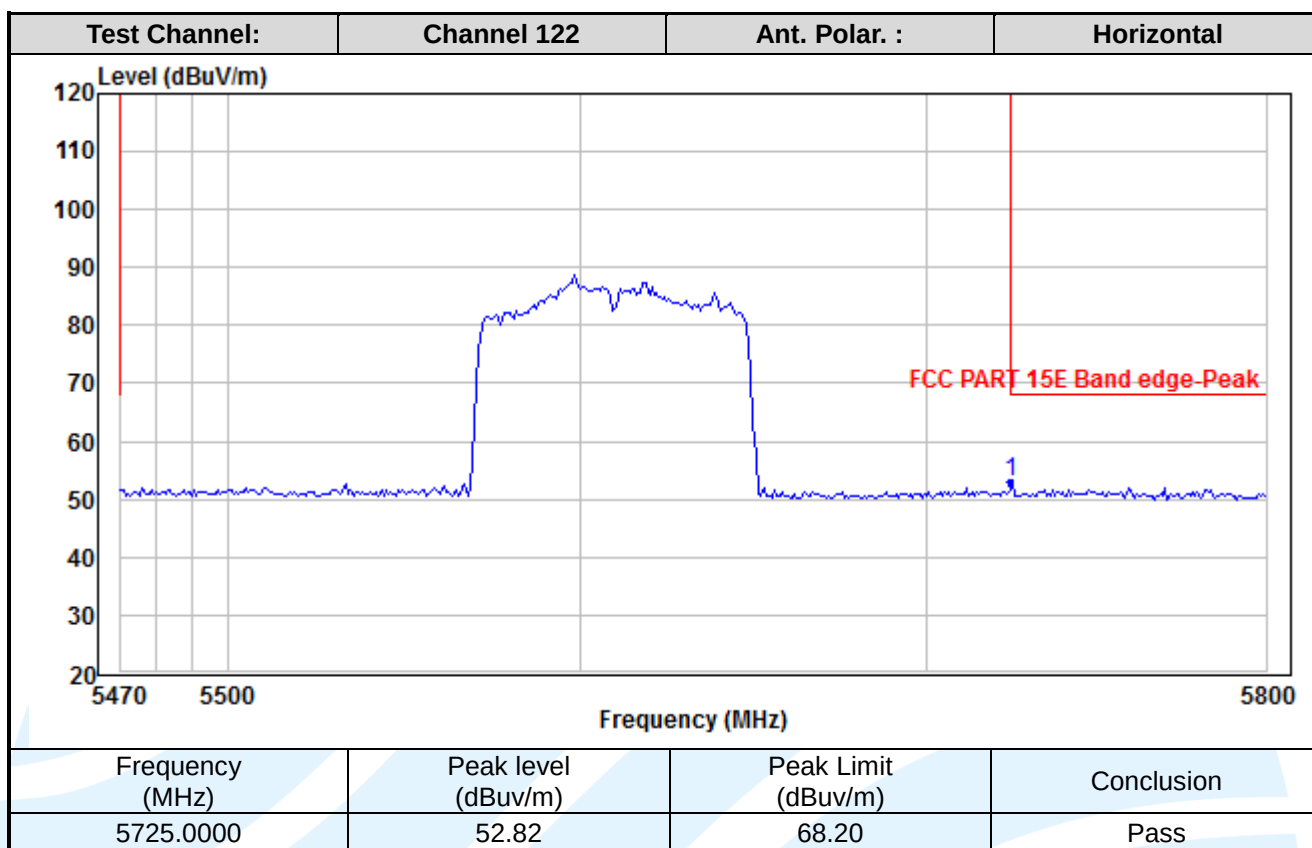
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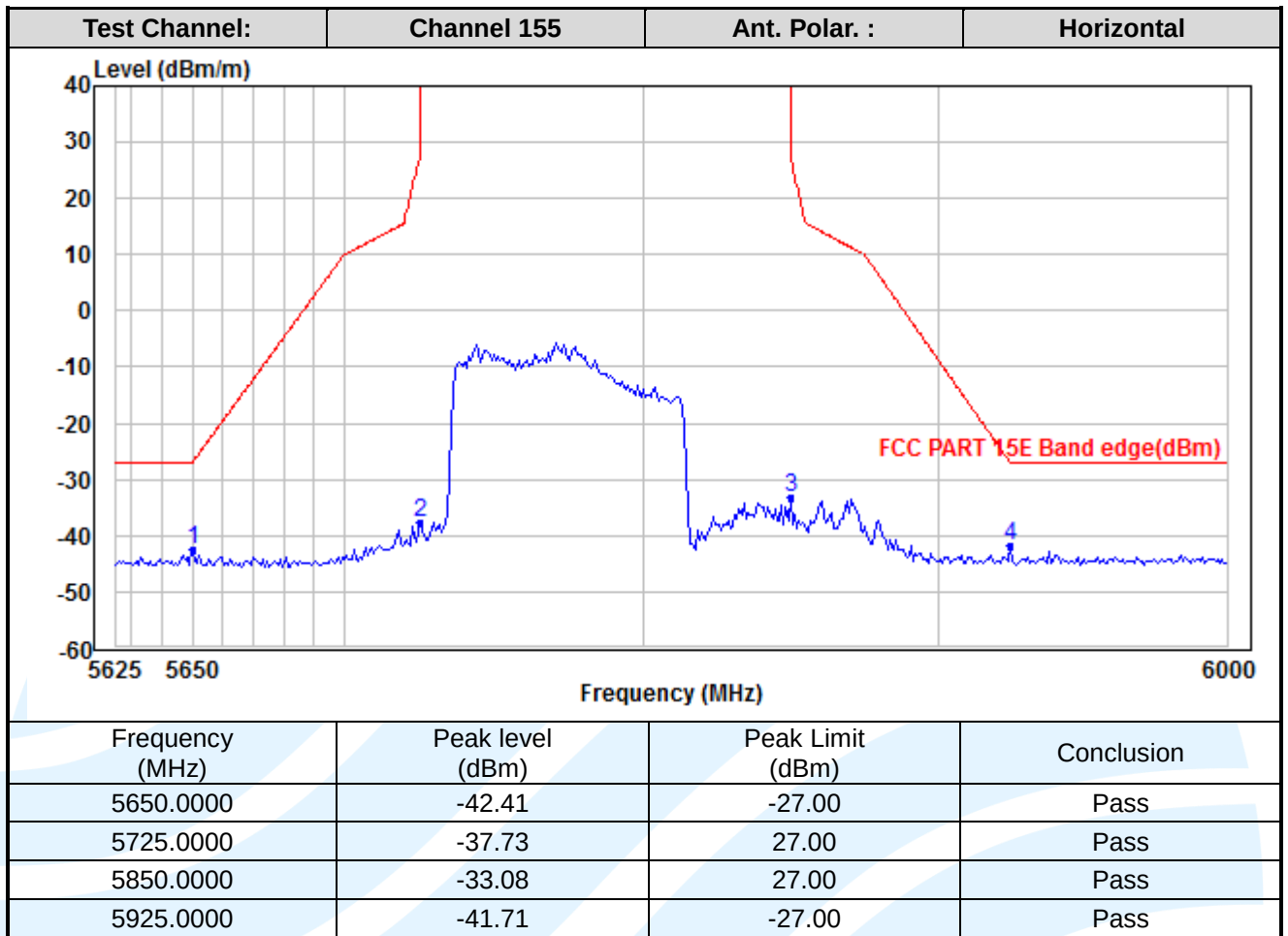
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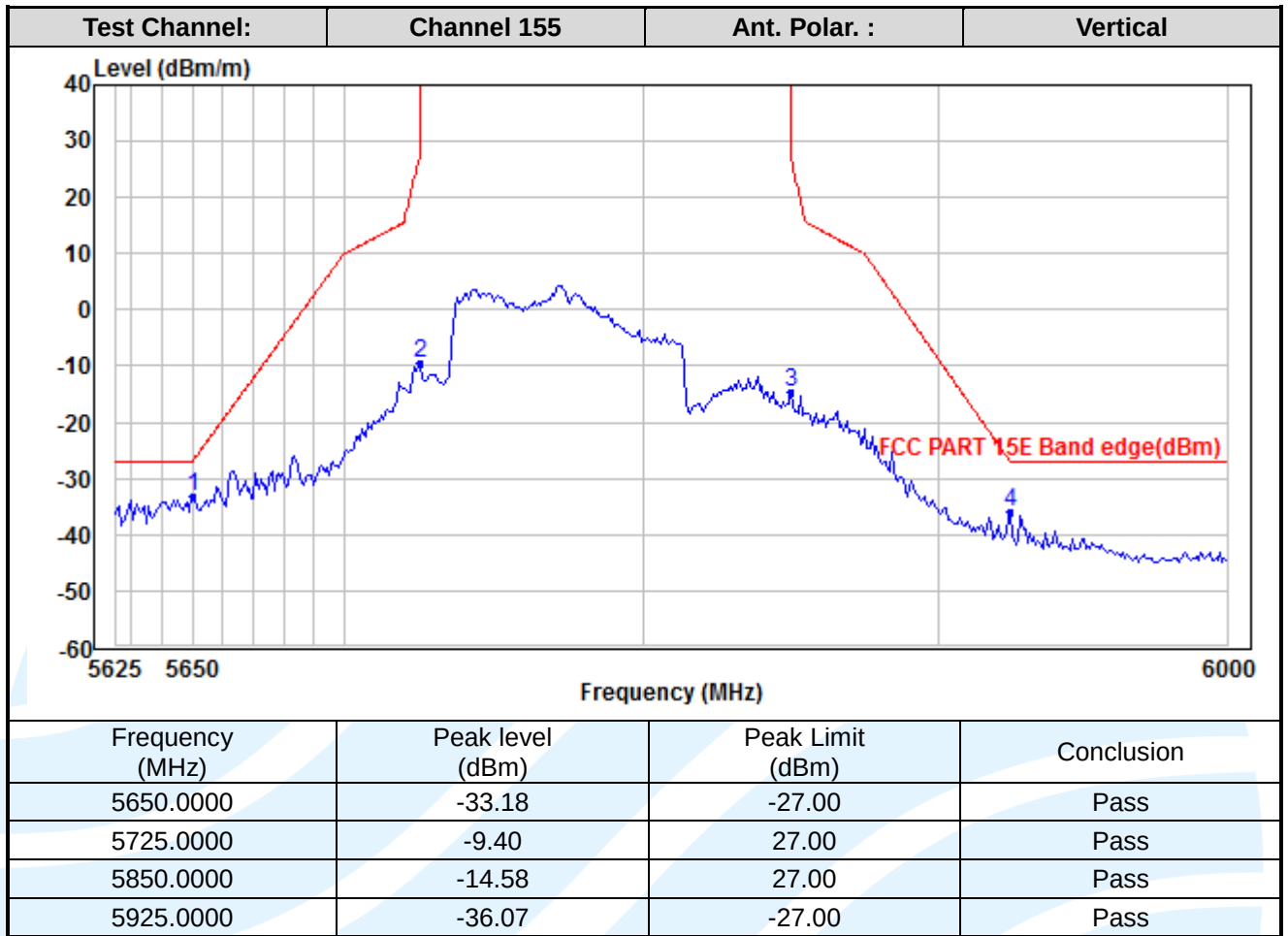
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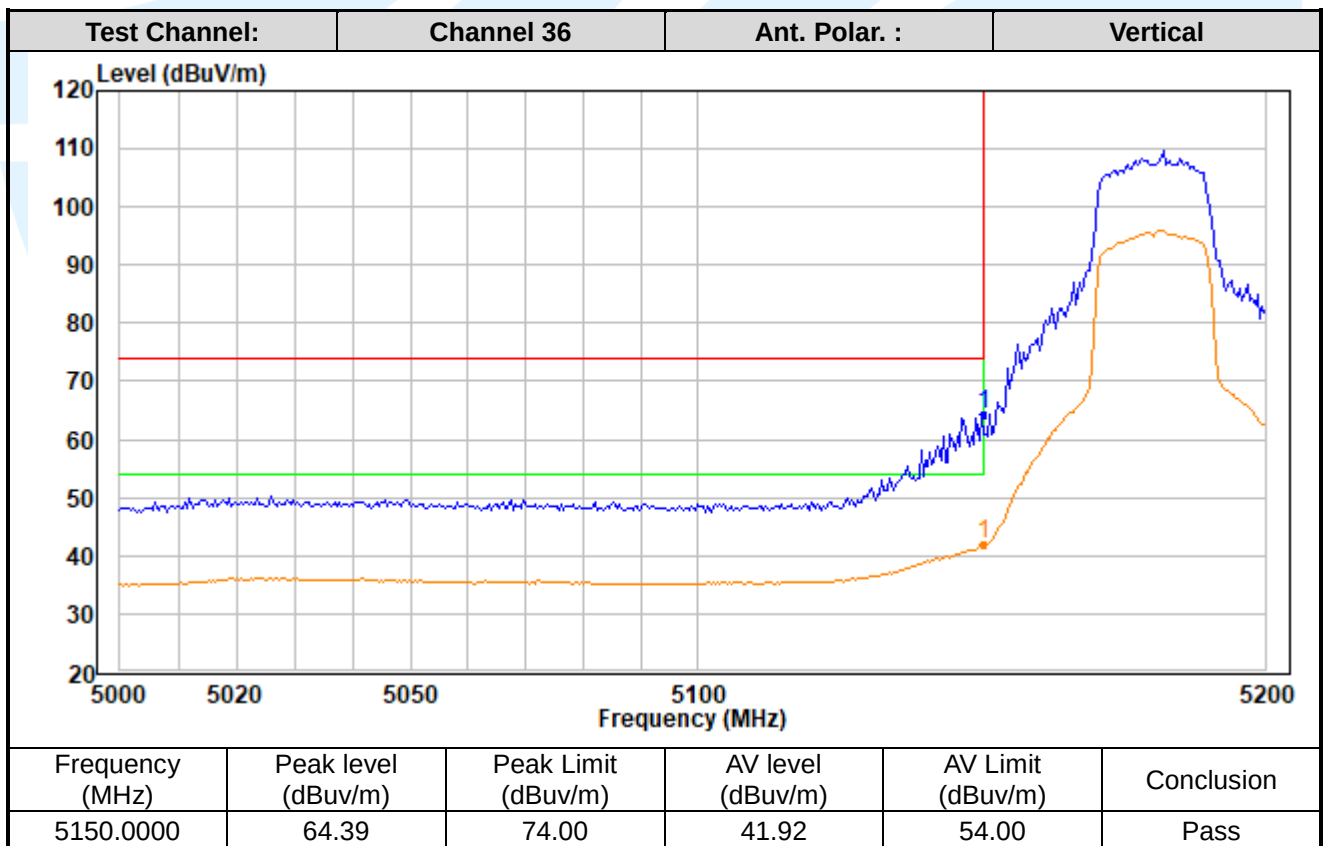
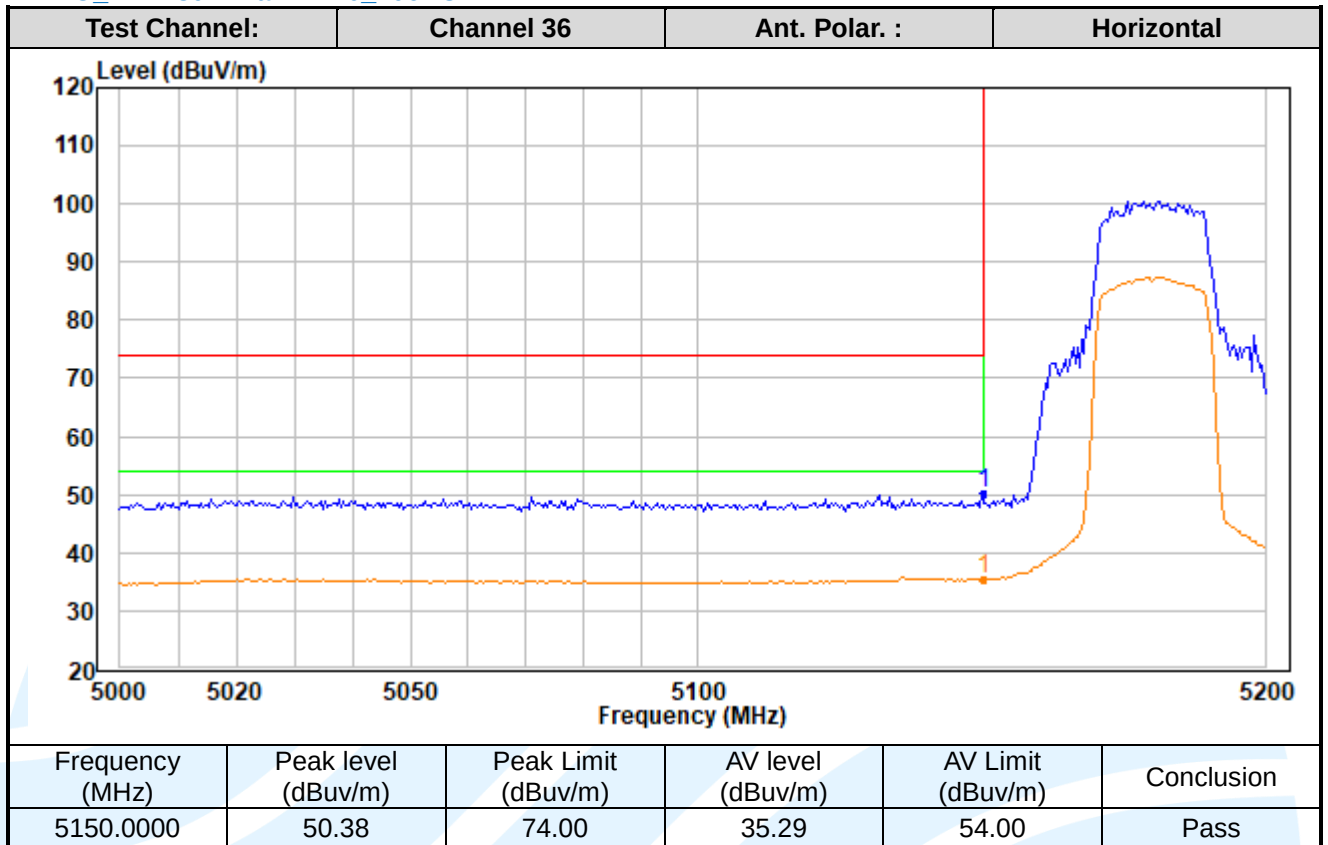
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MIMO_ IEEE 802.11ax-HE20_106RU



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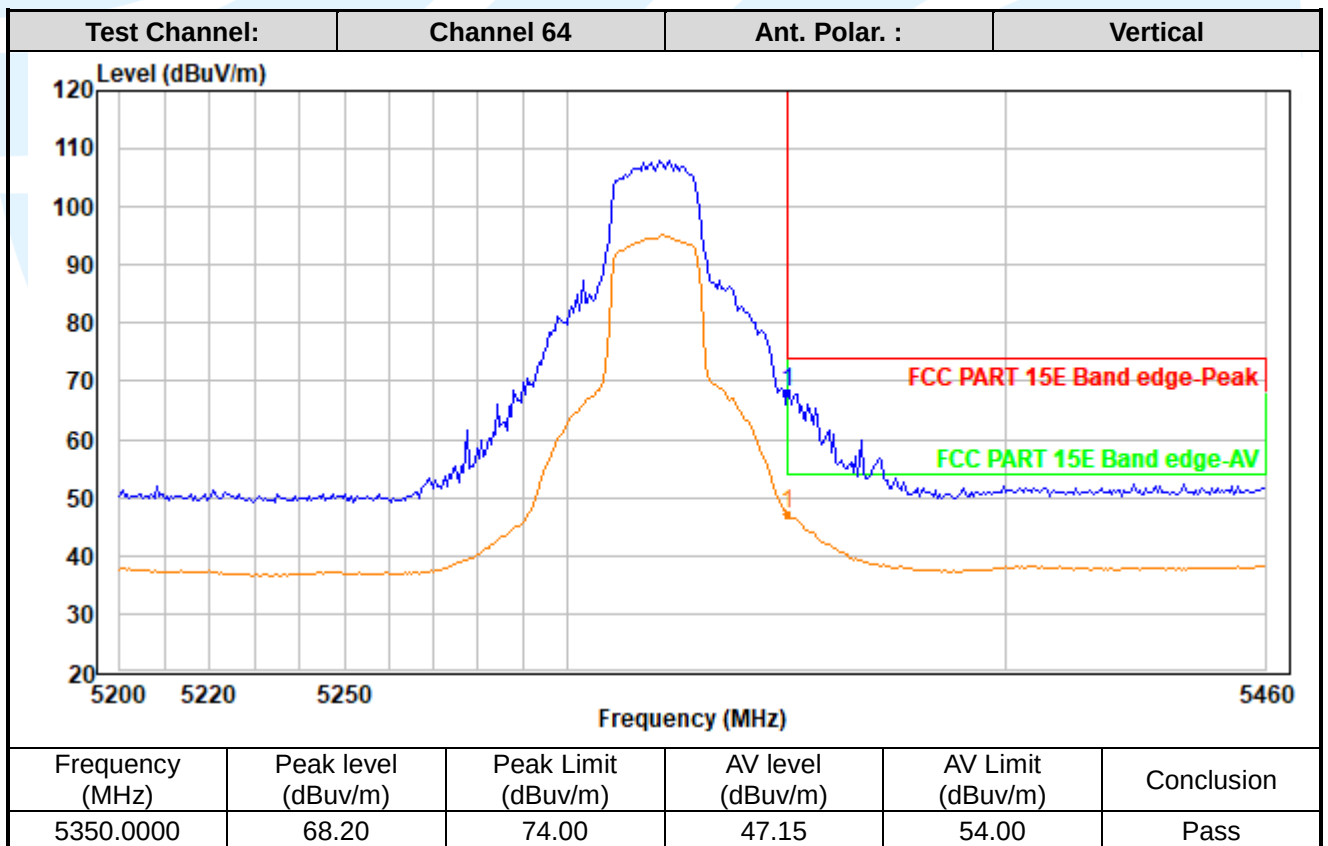
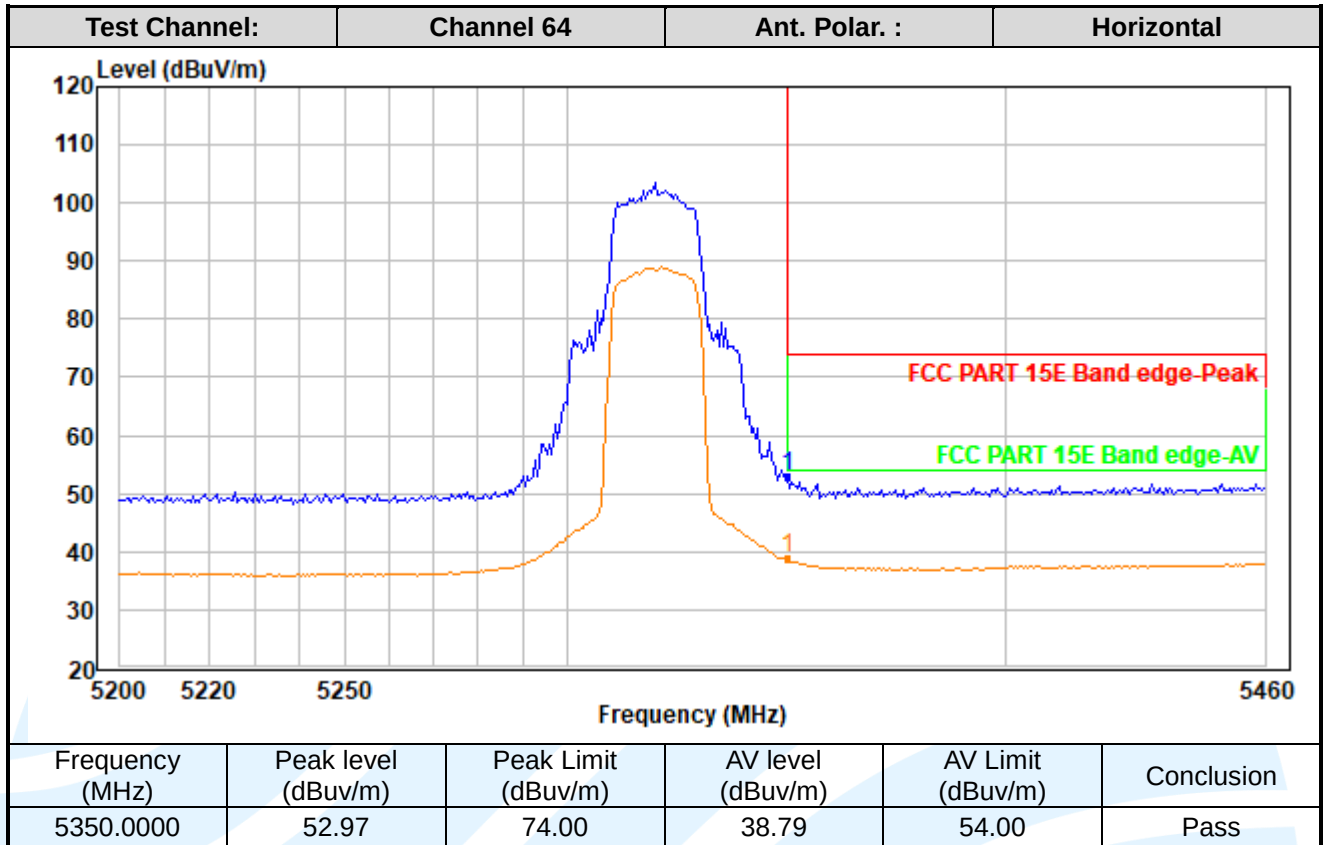
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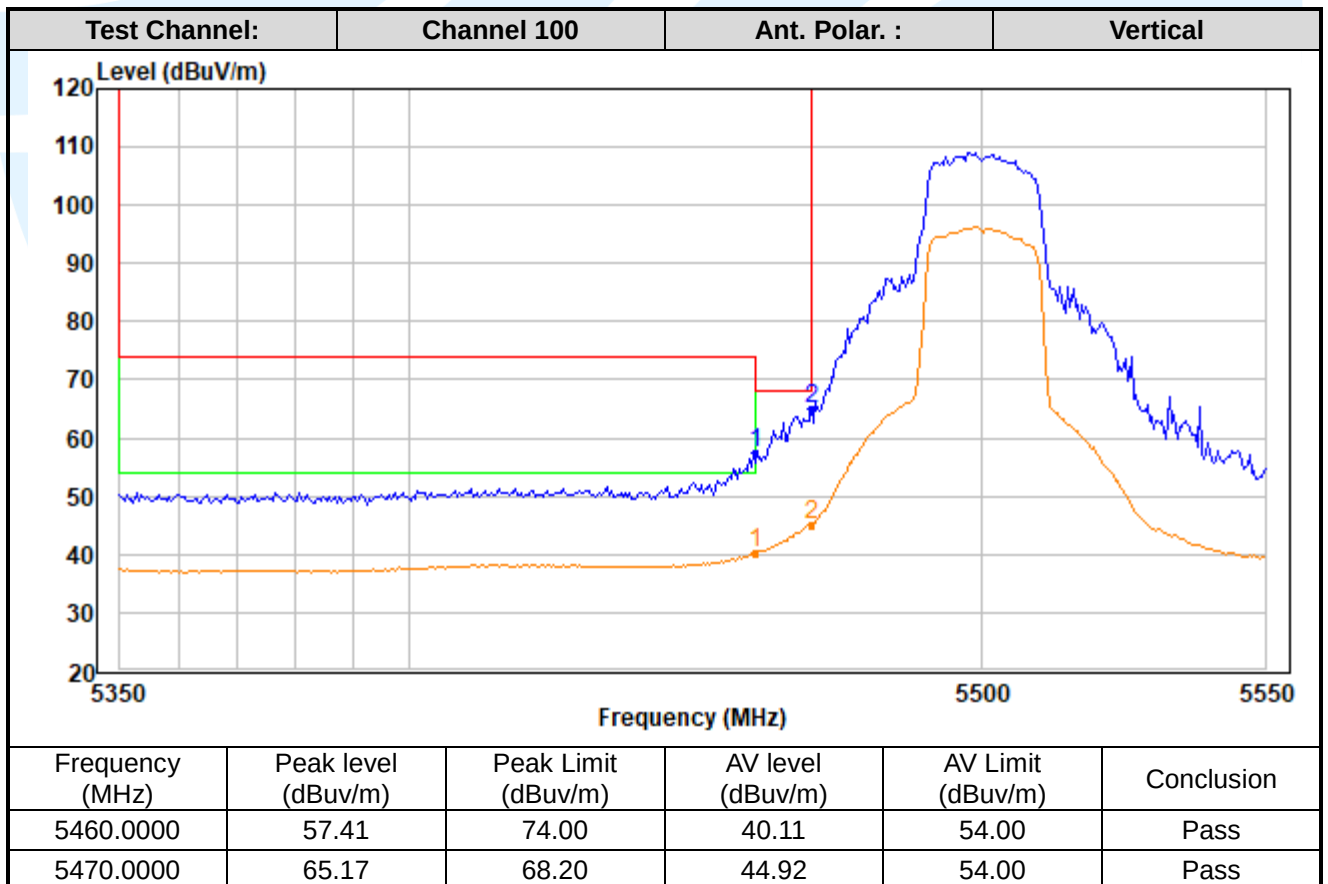
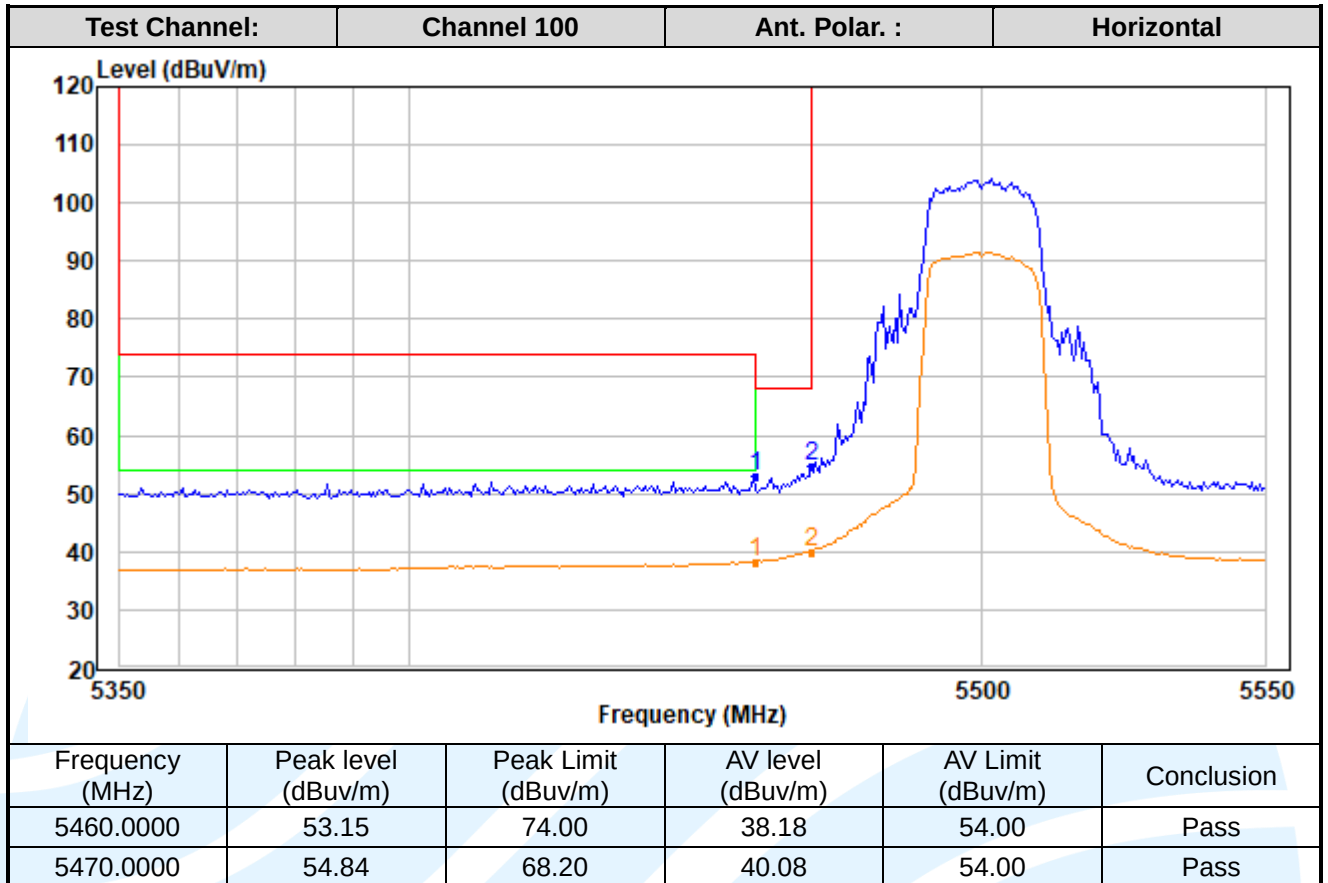
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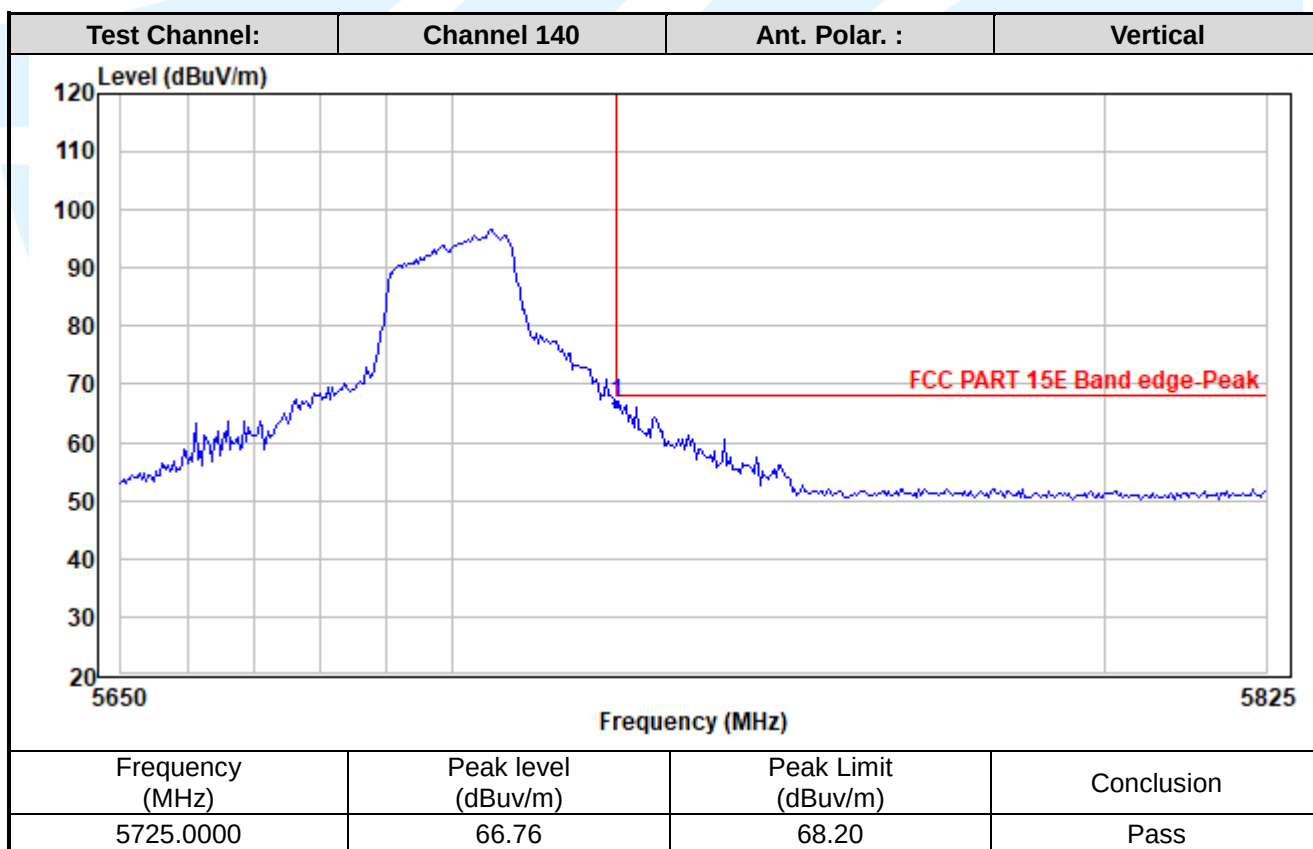
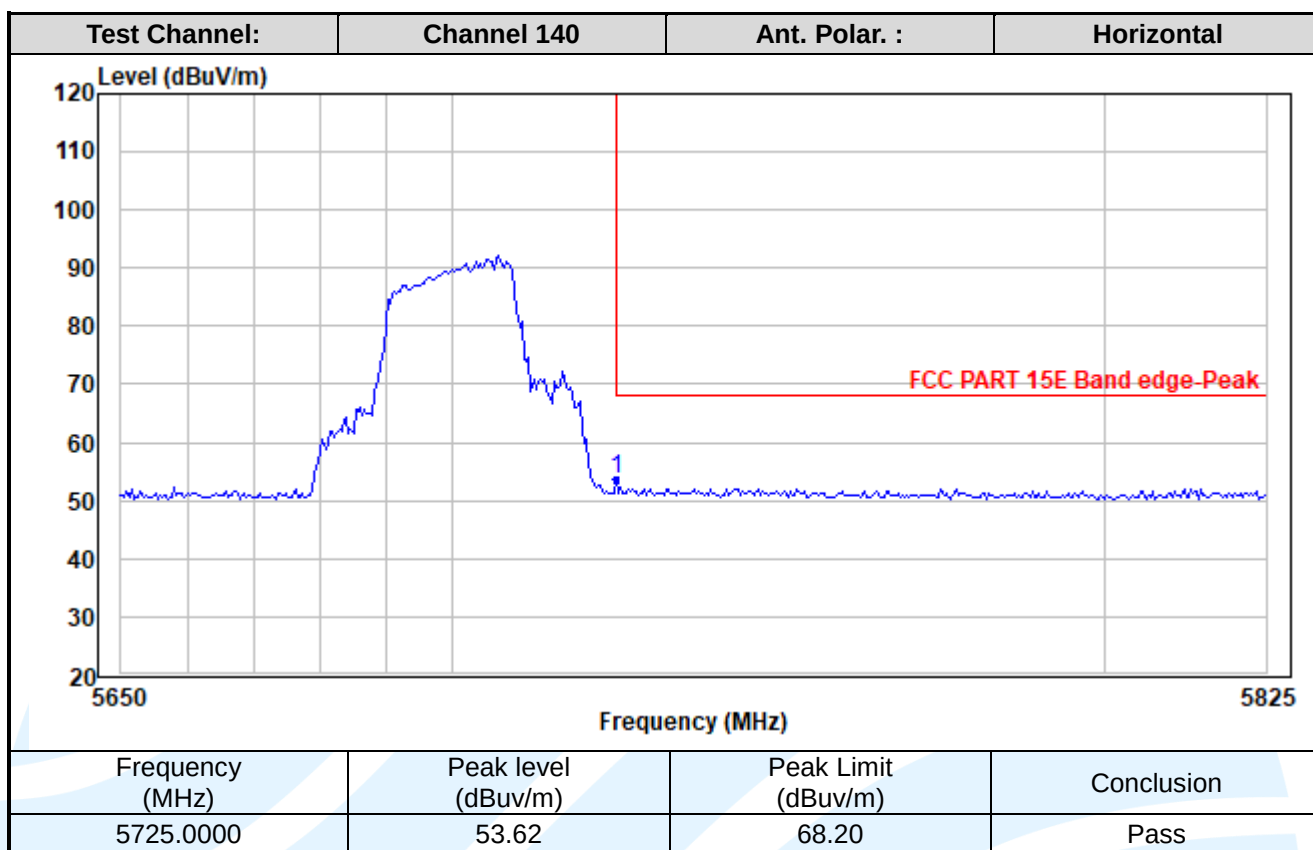
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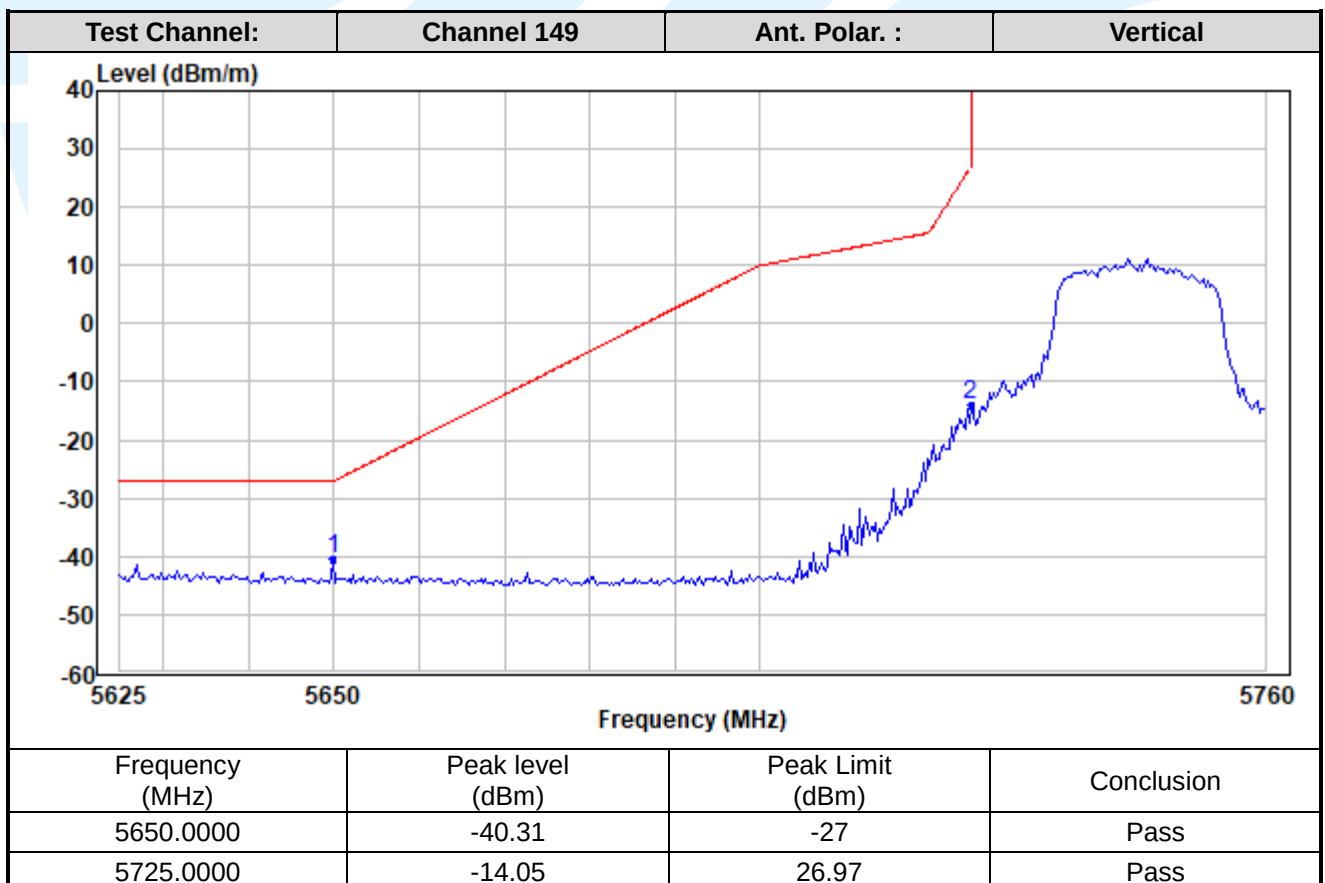
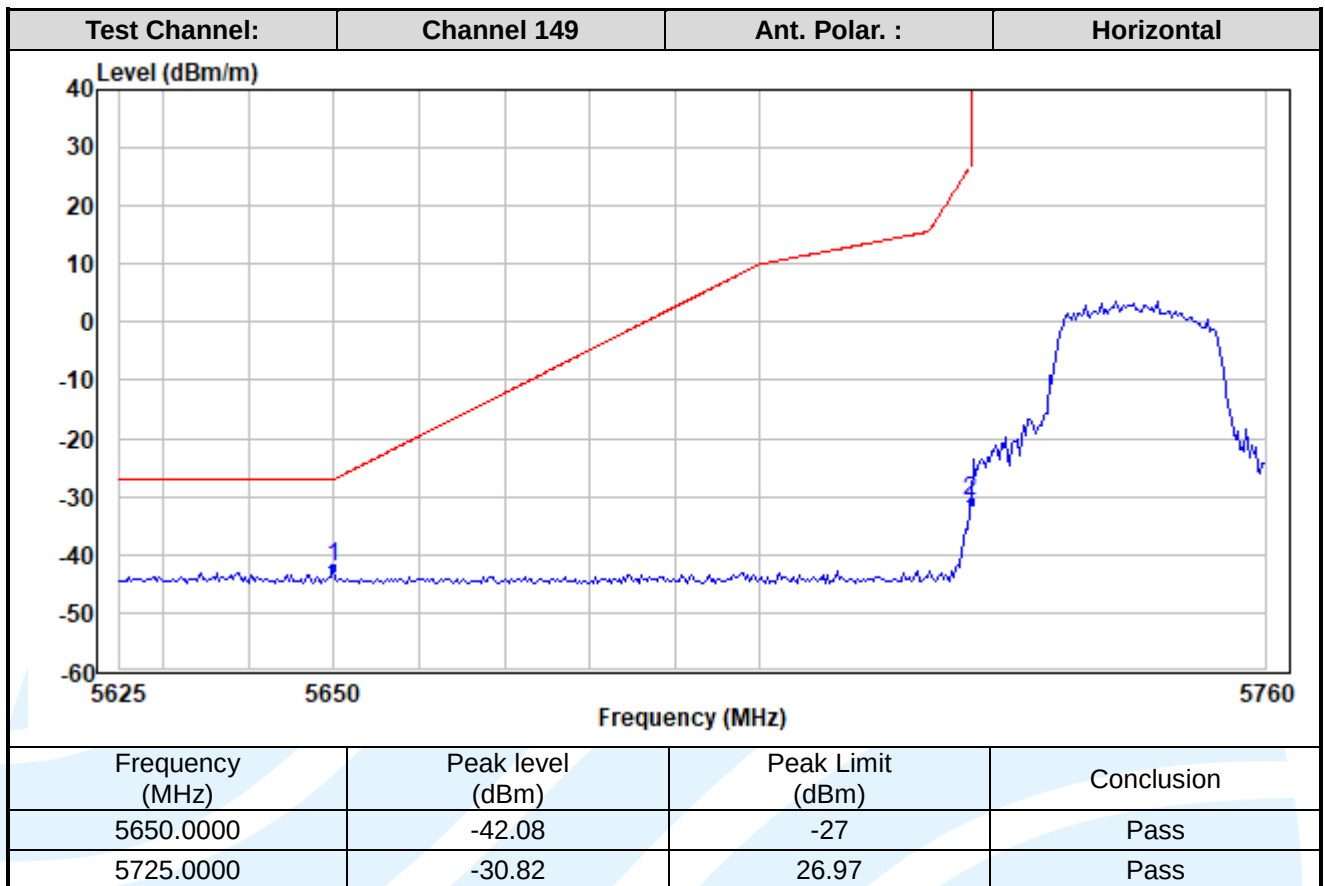
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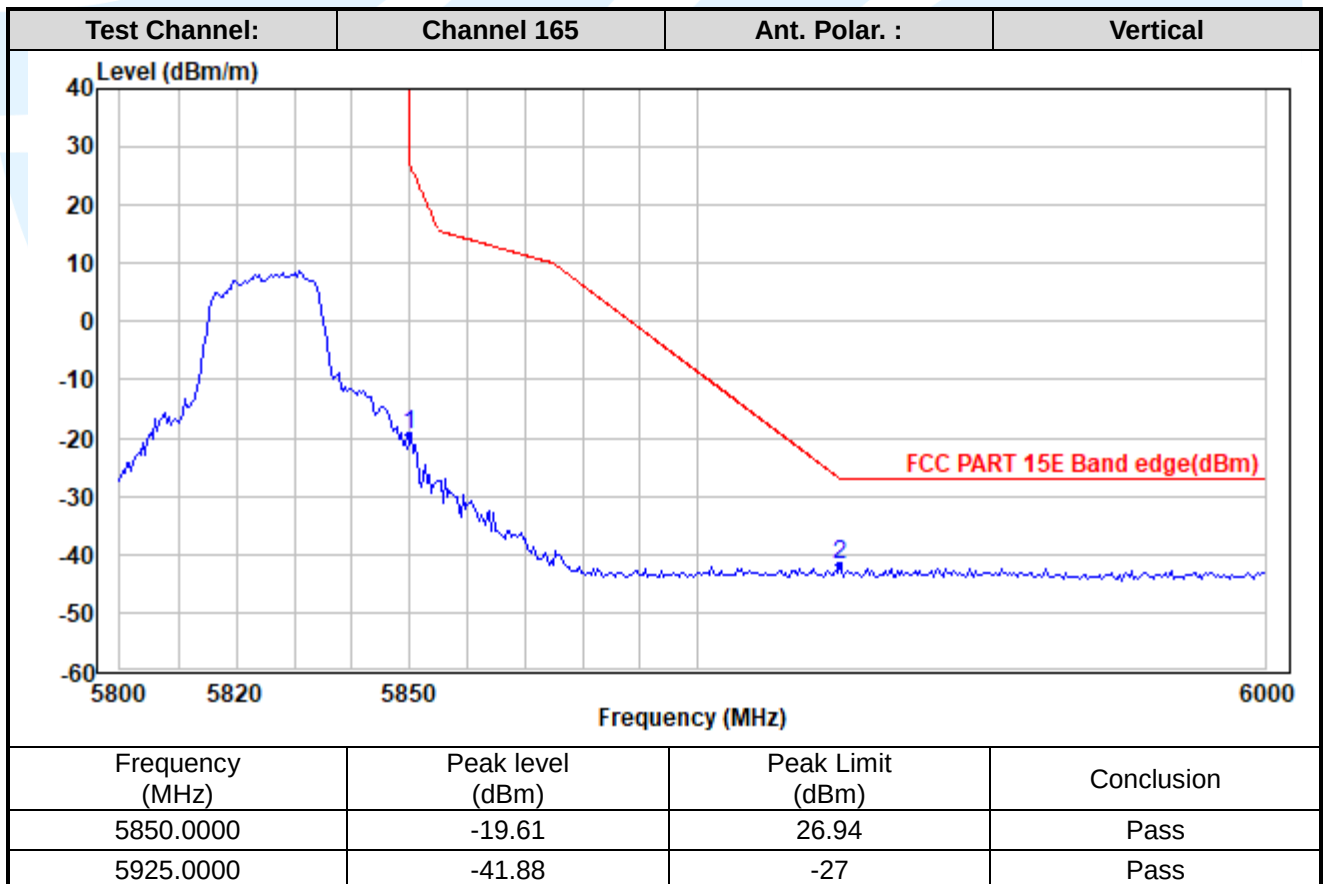
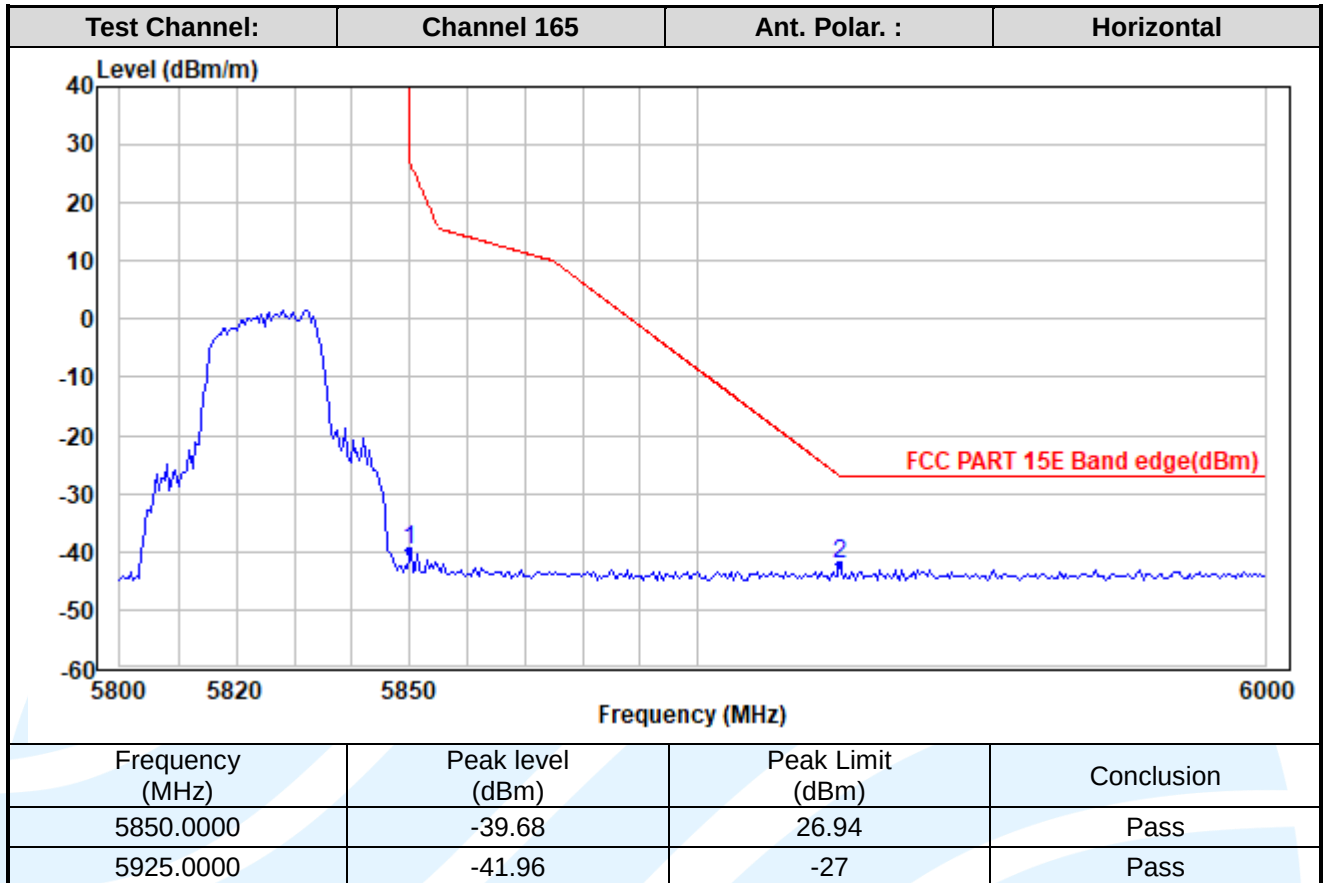
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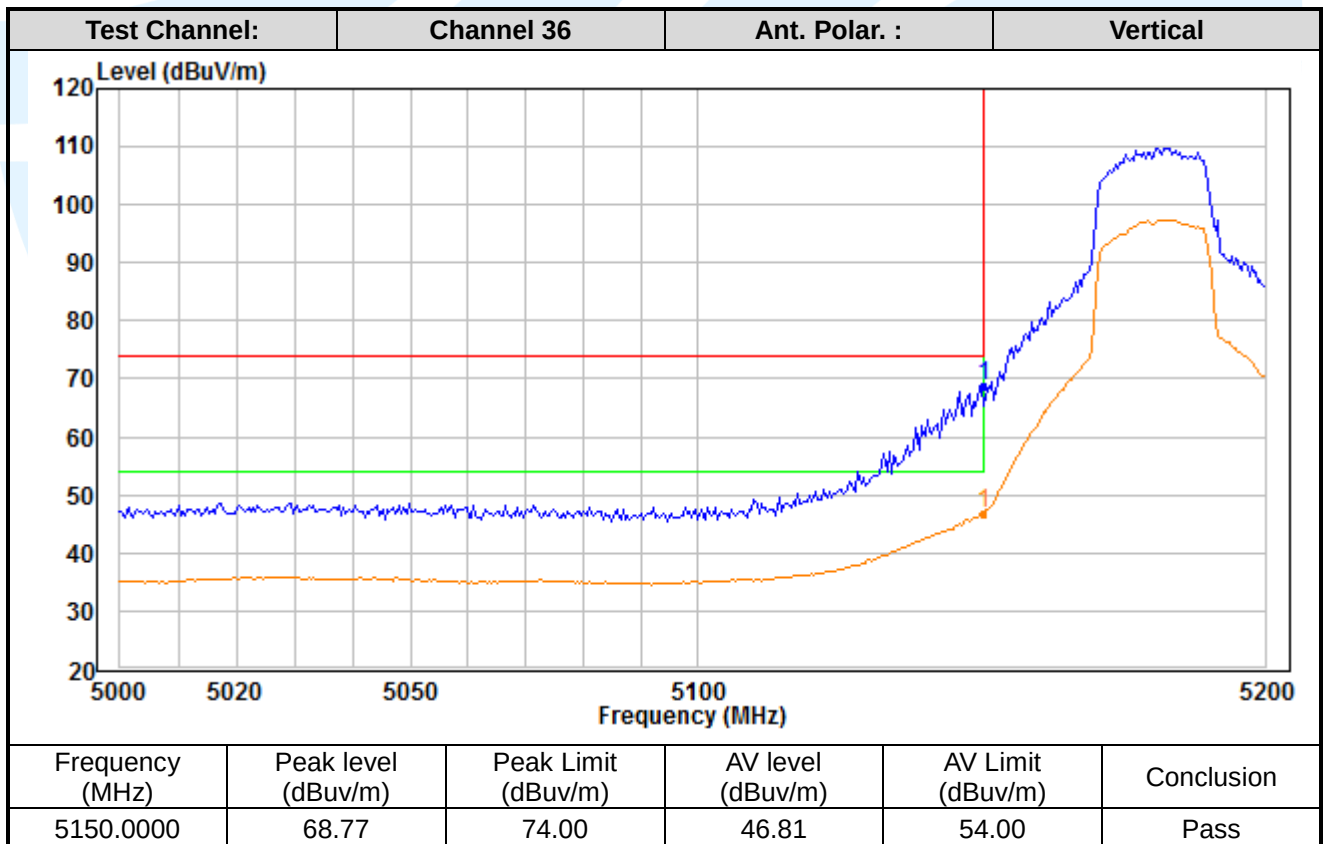
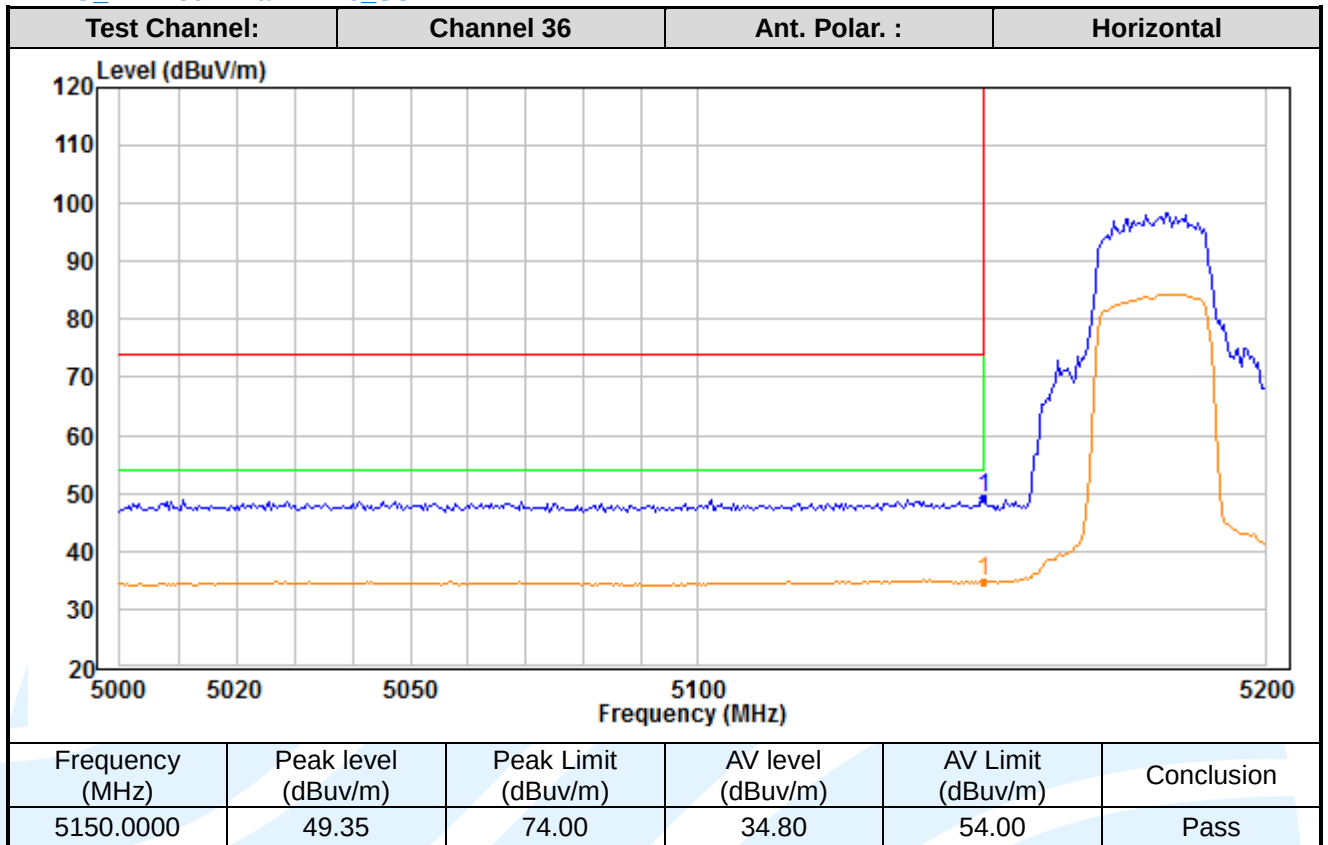
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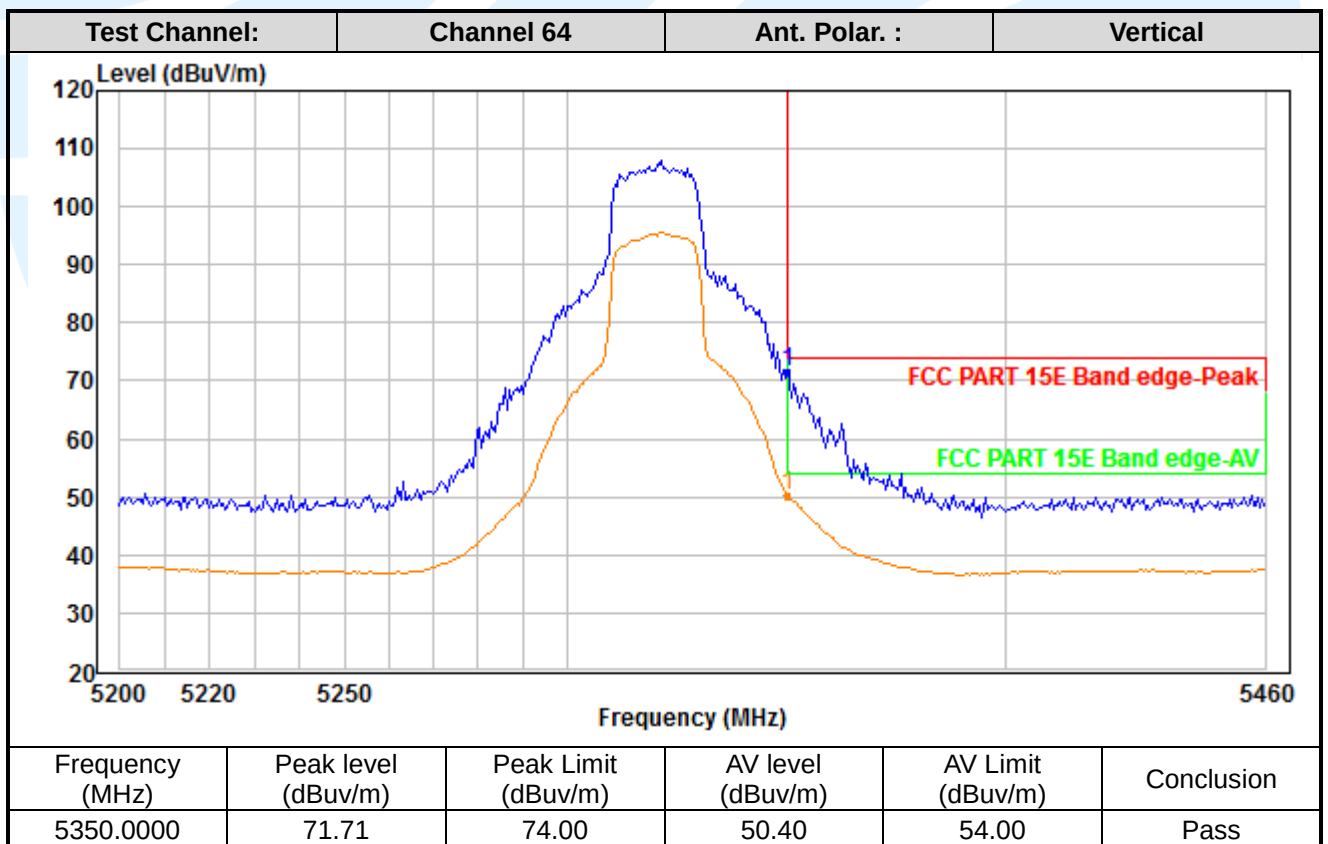
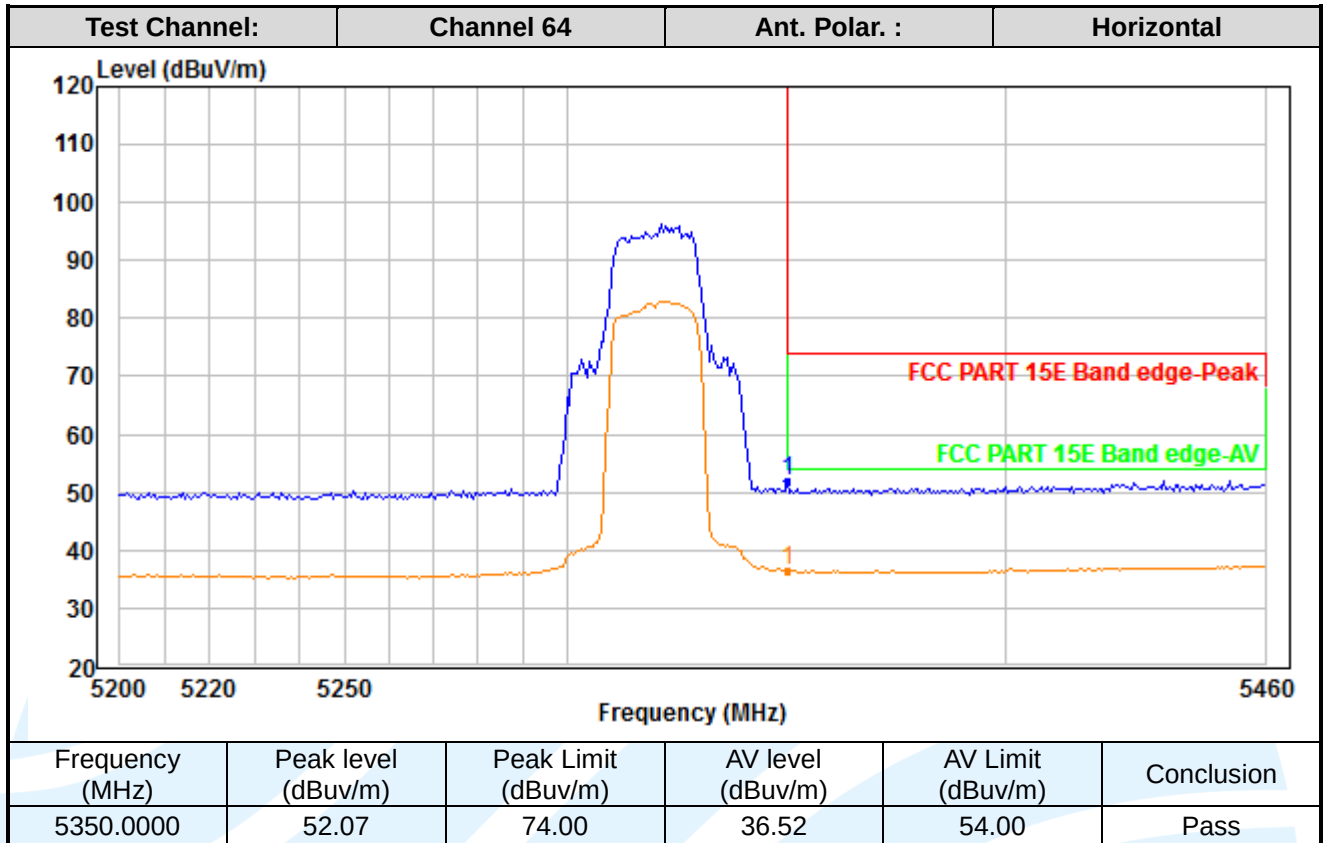
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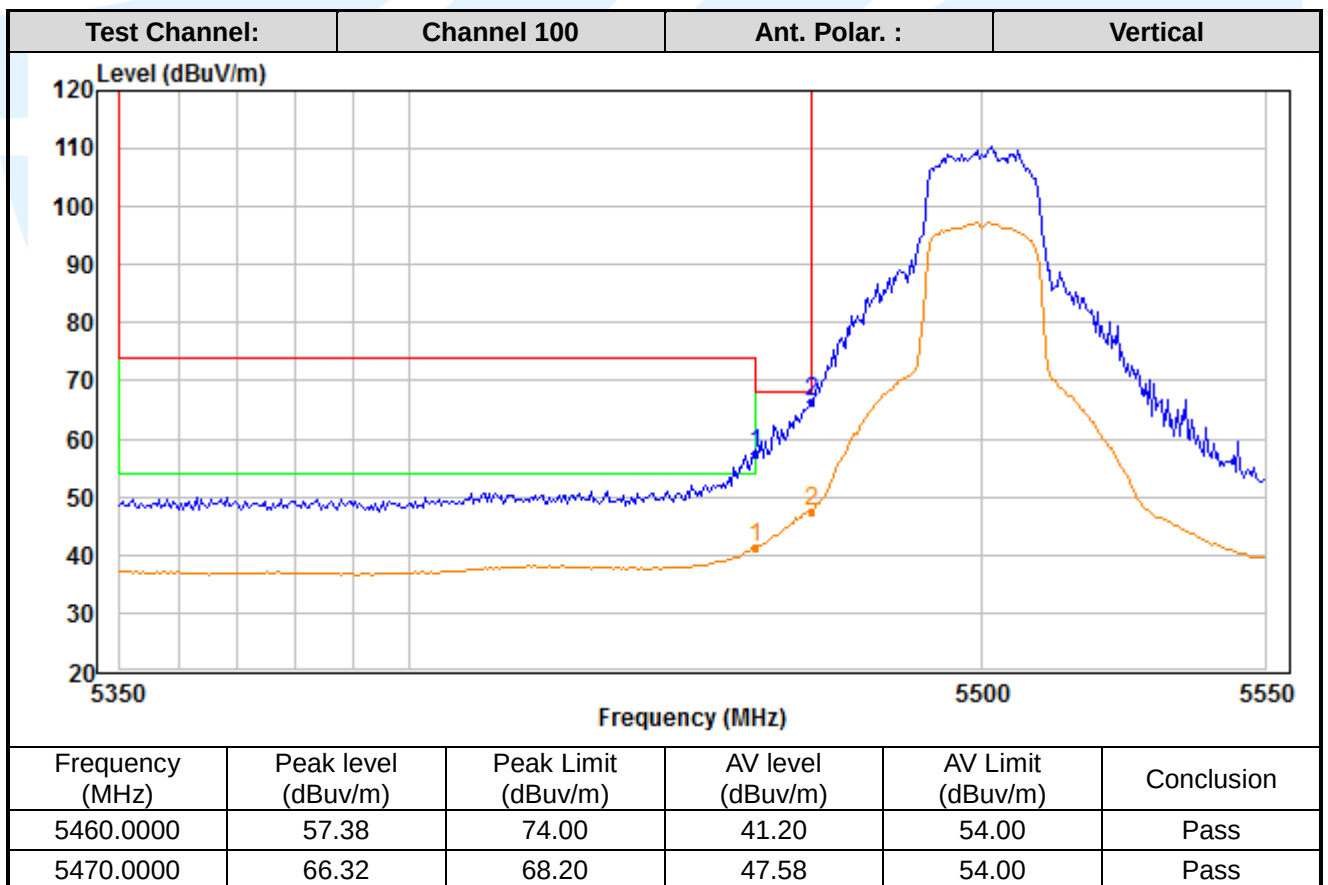
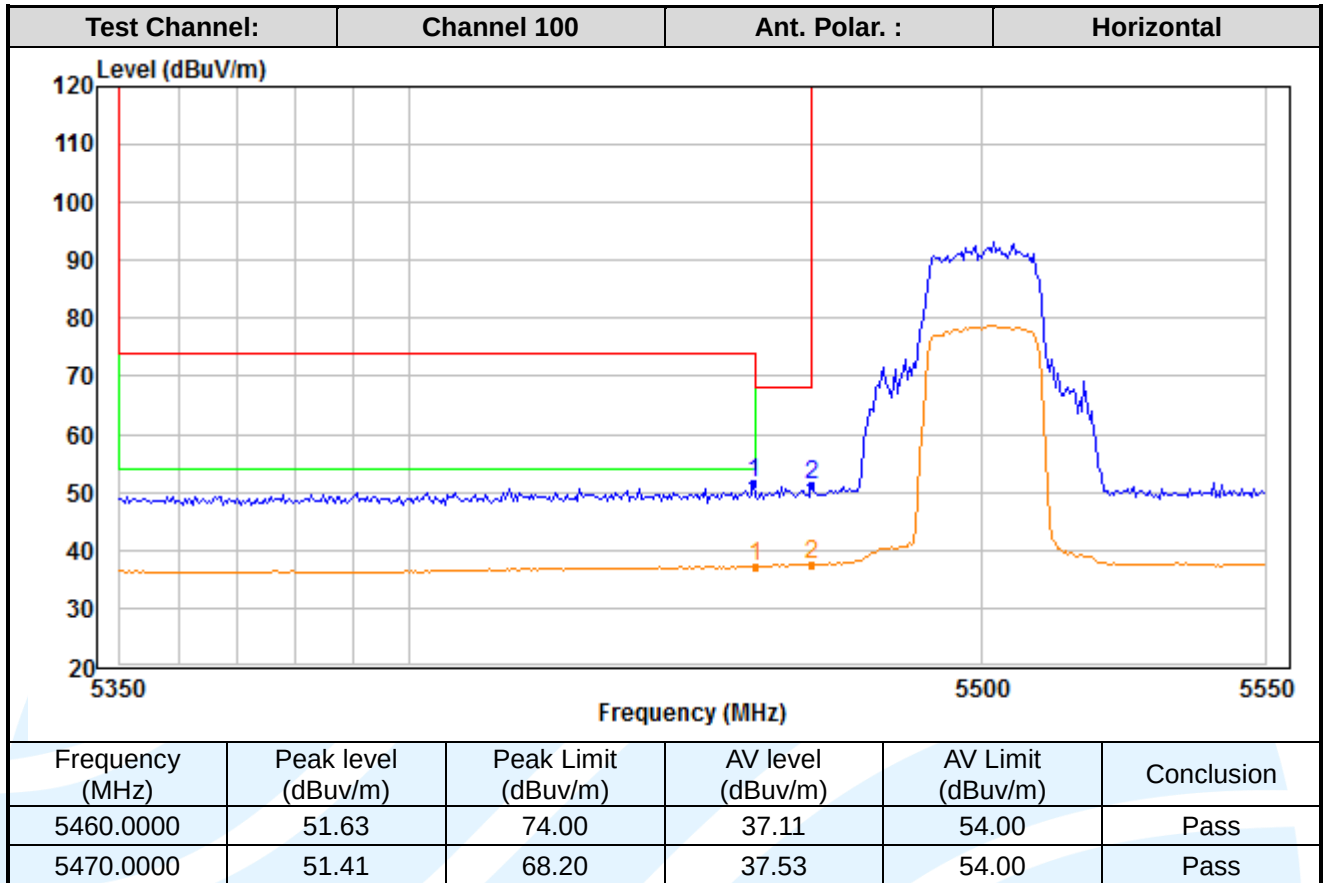
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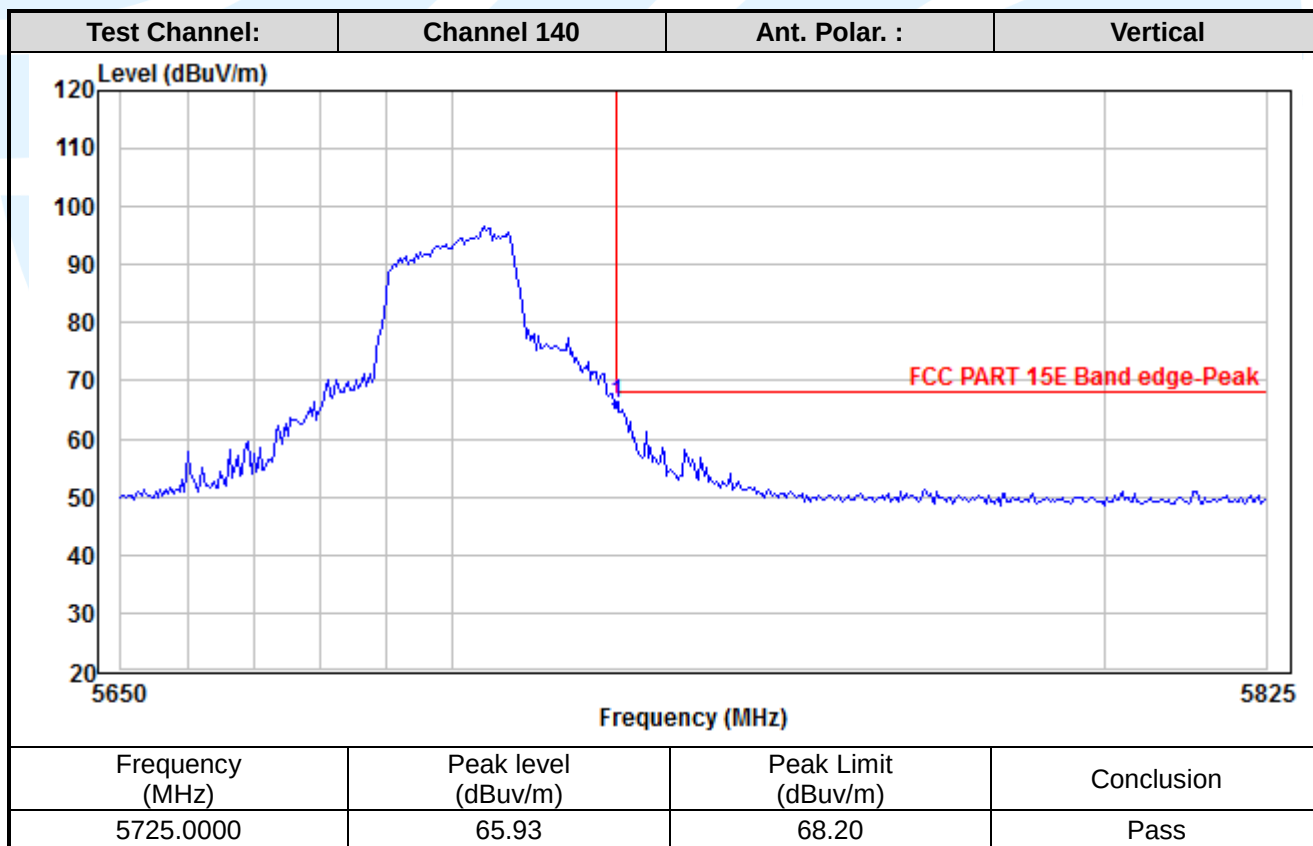
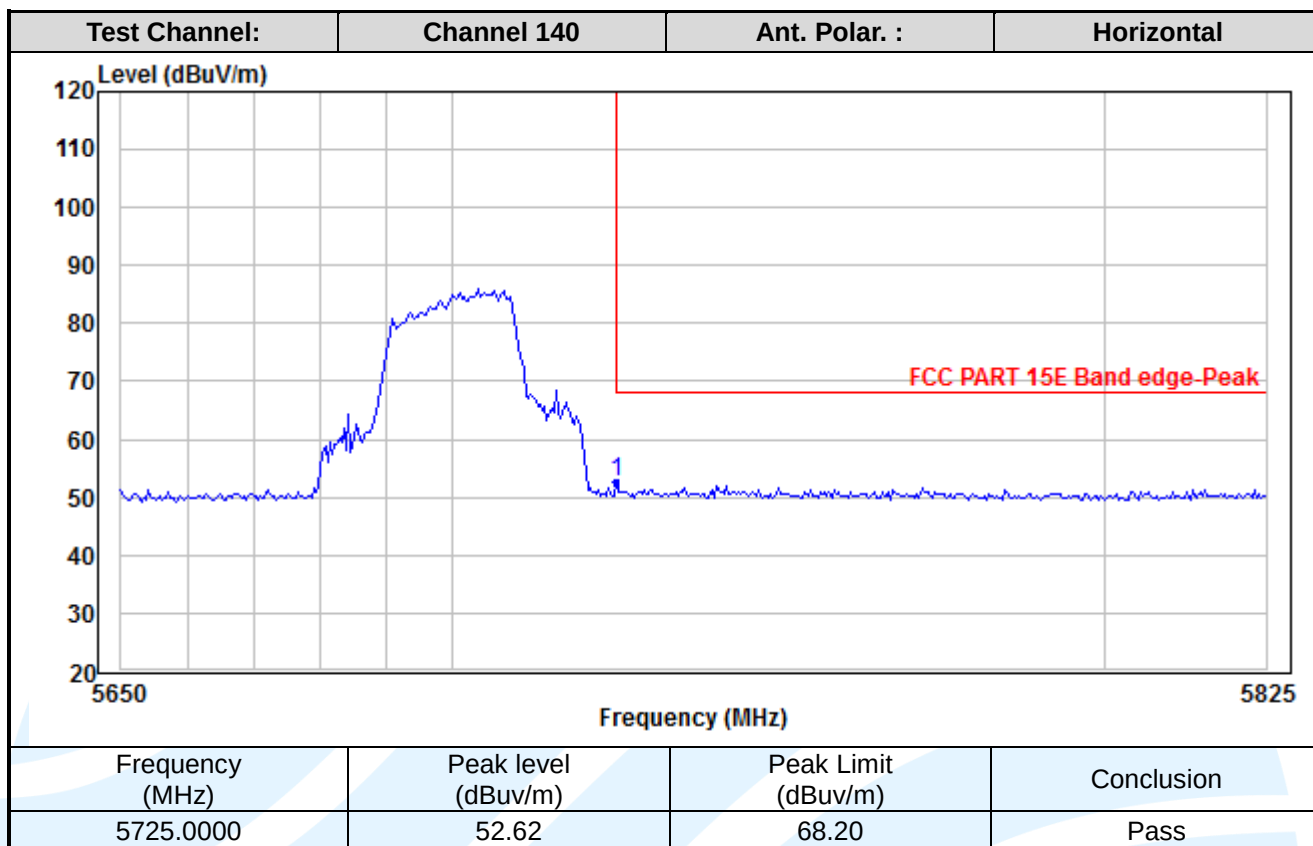
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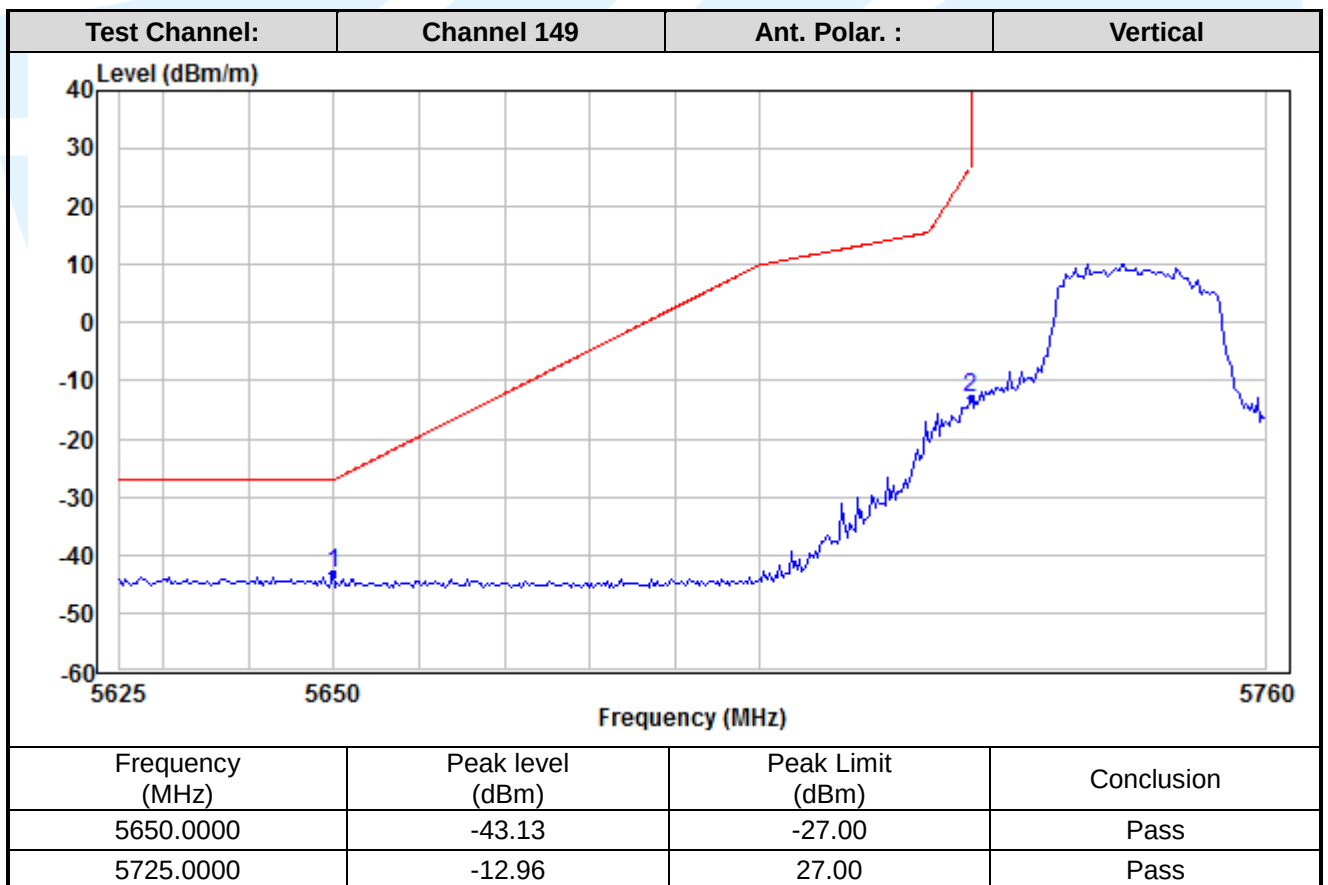
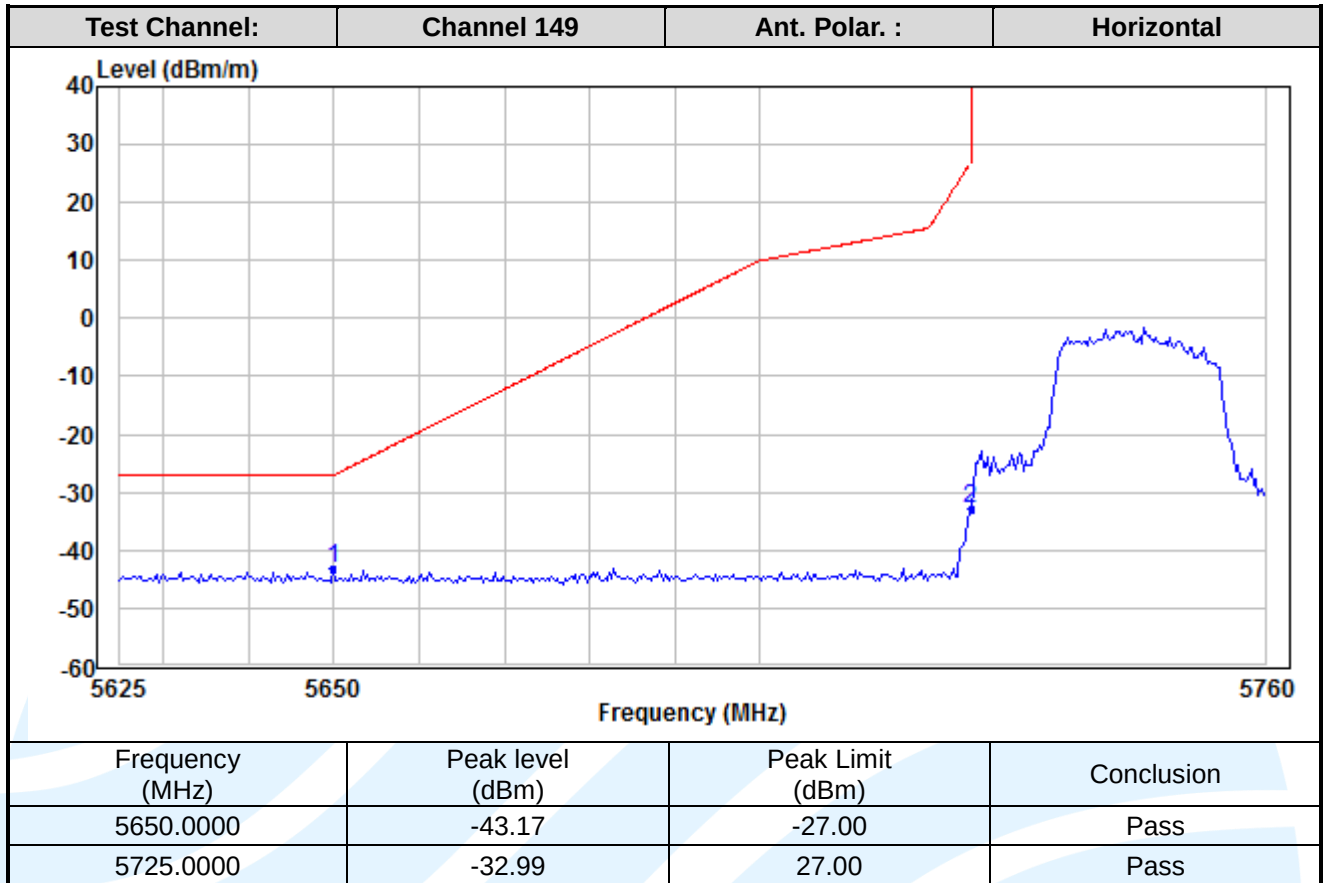
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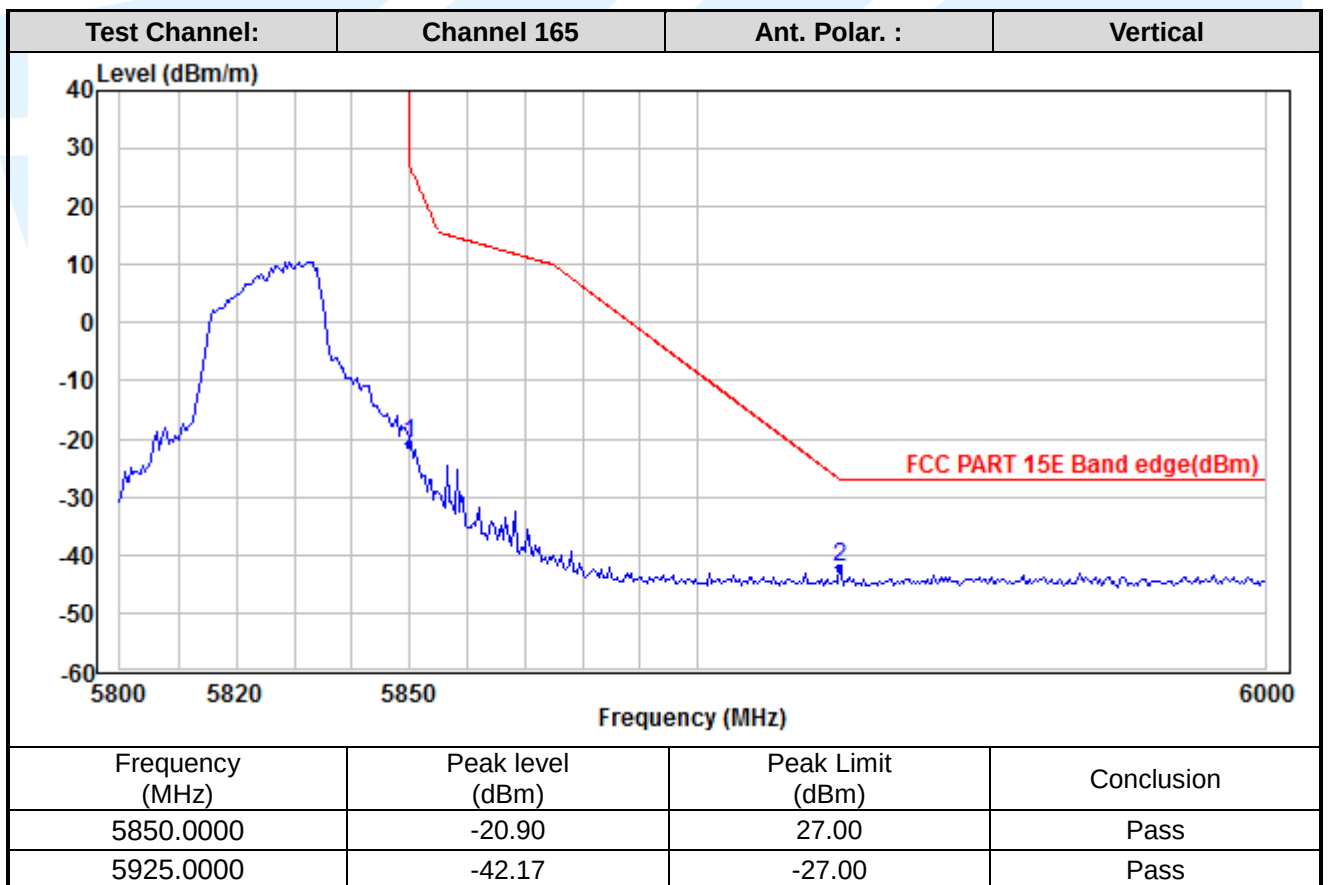
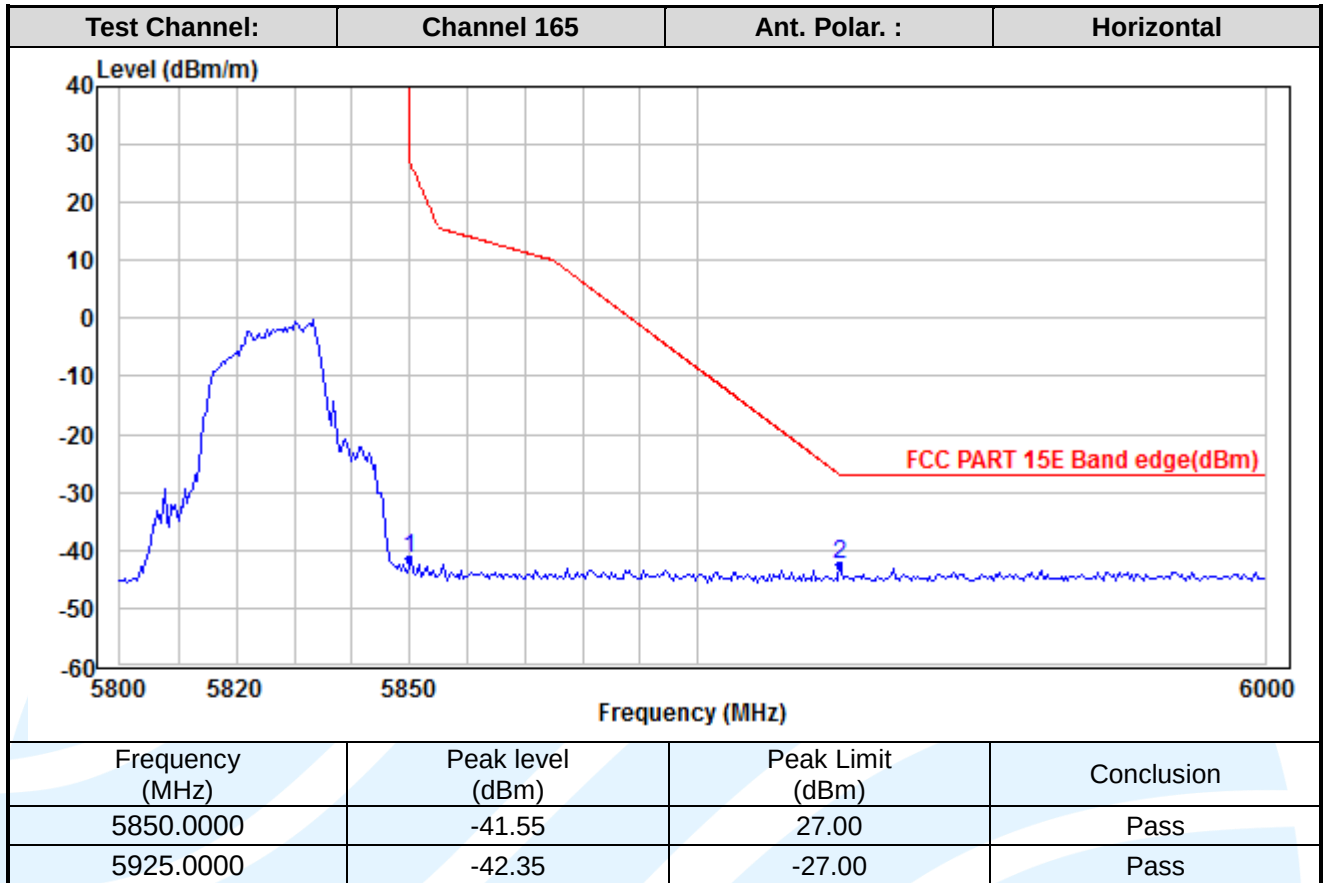
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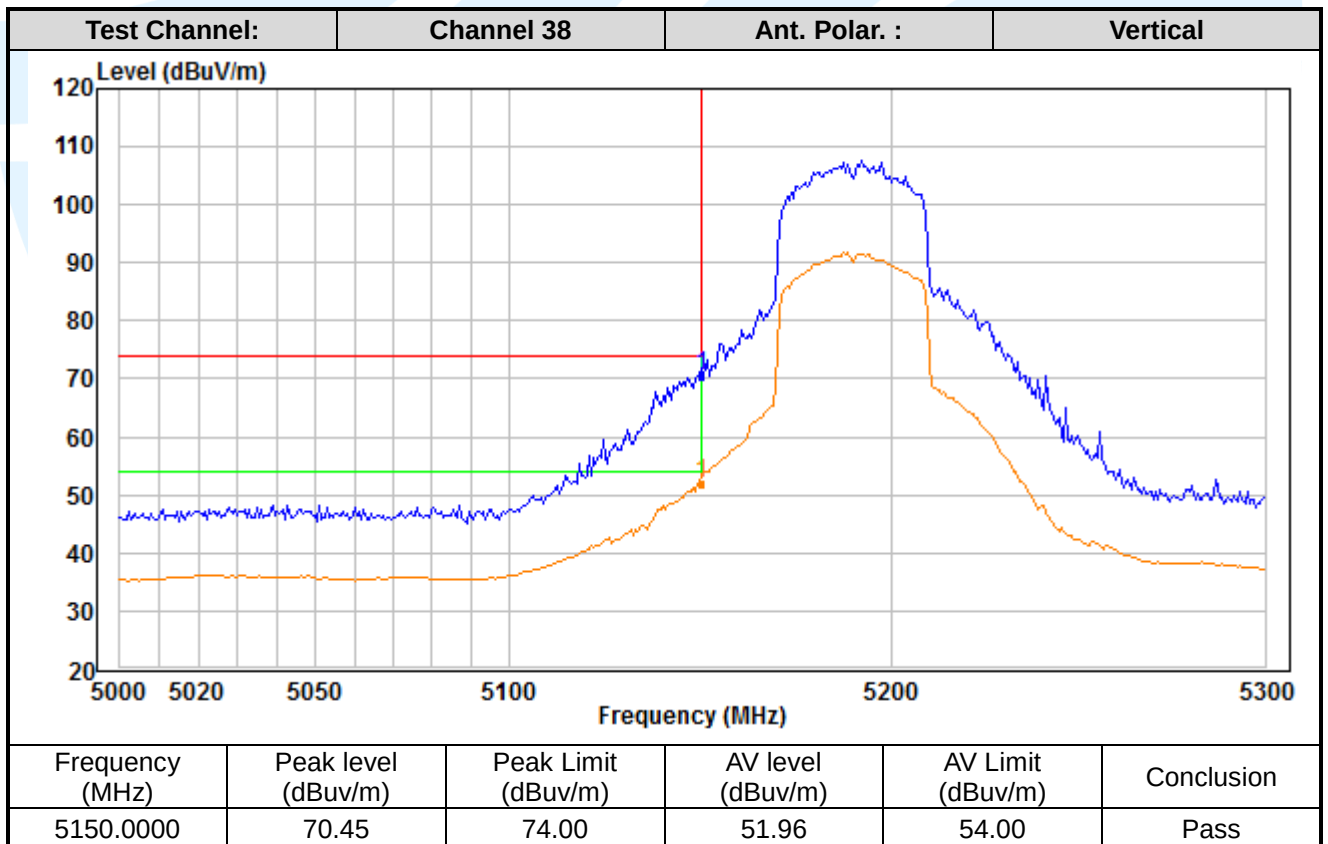
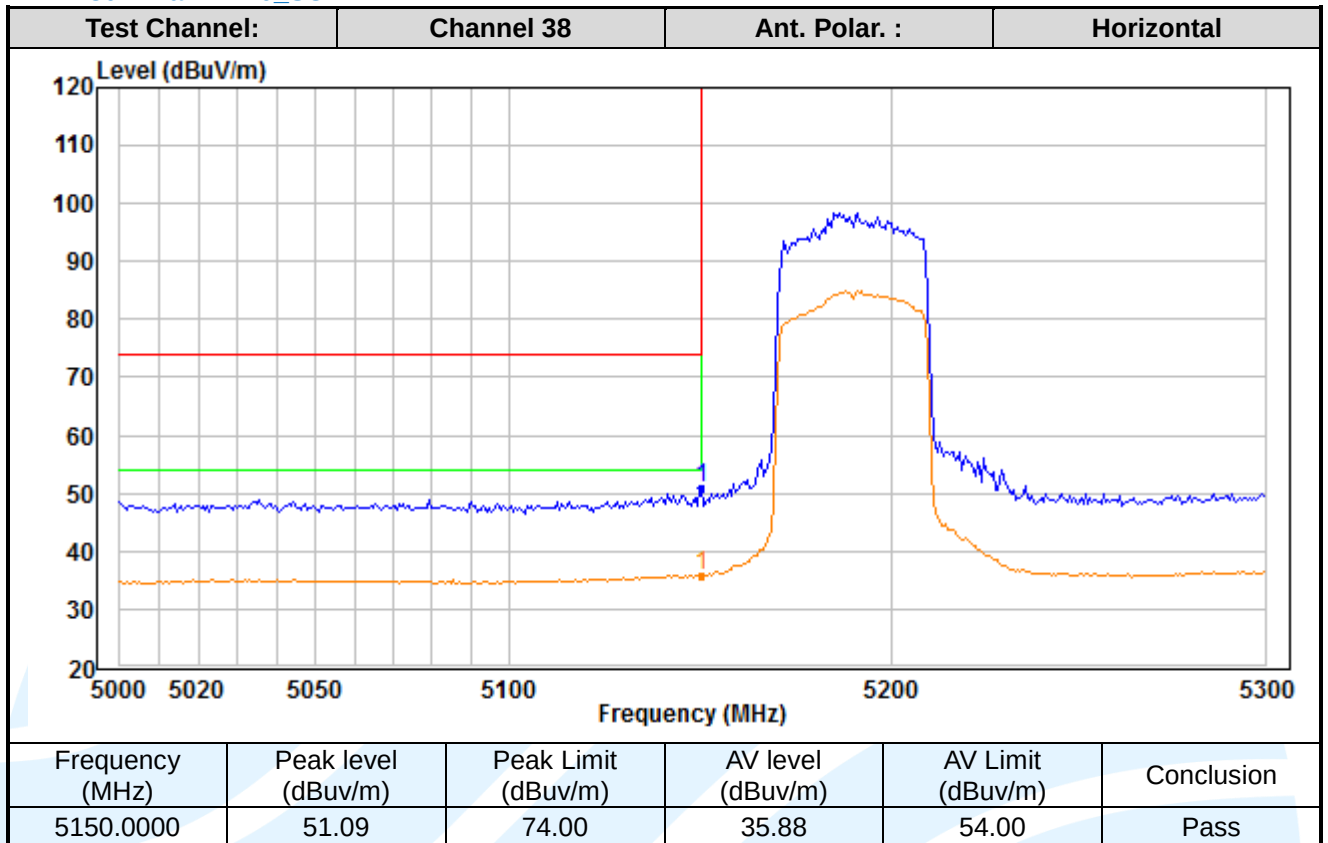
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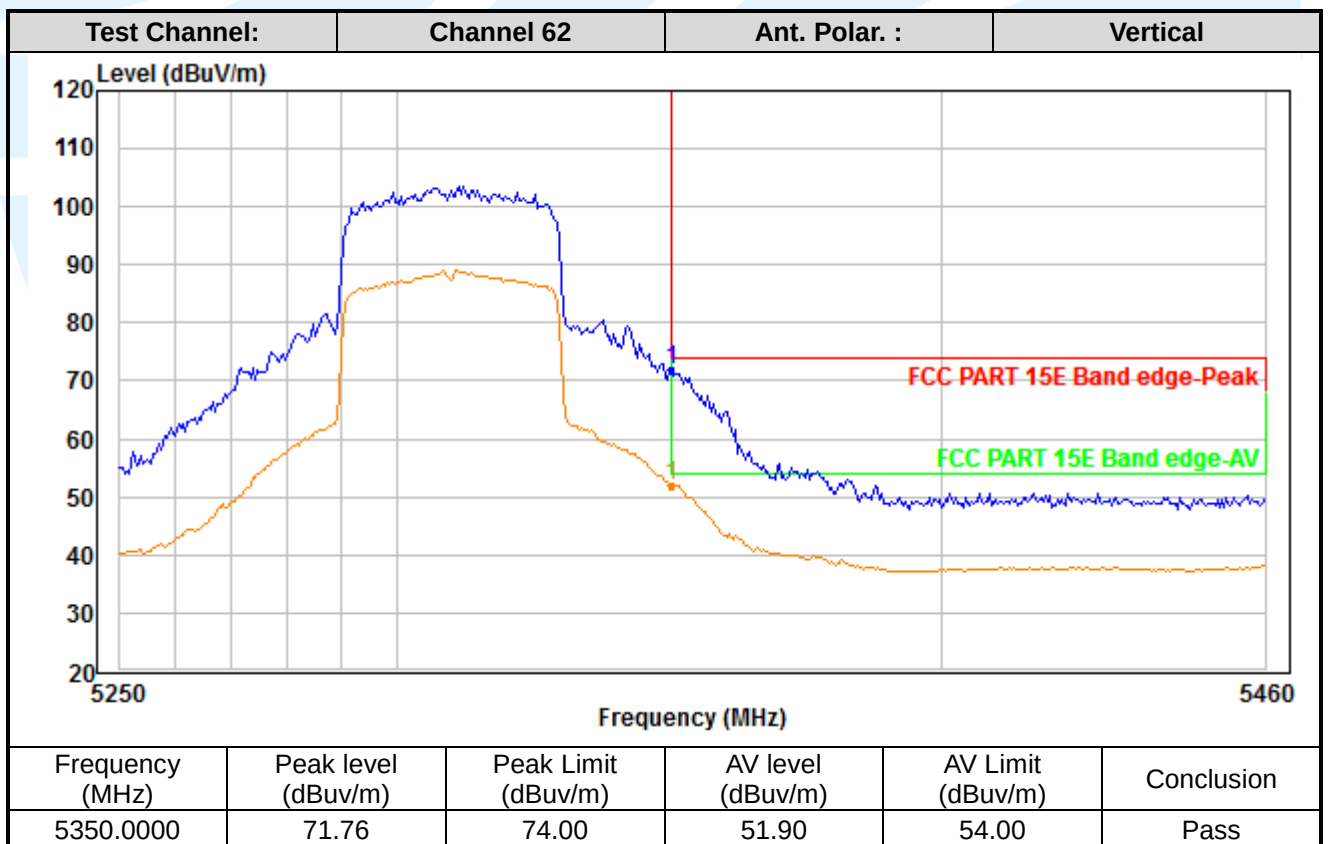
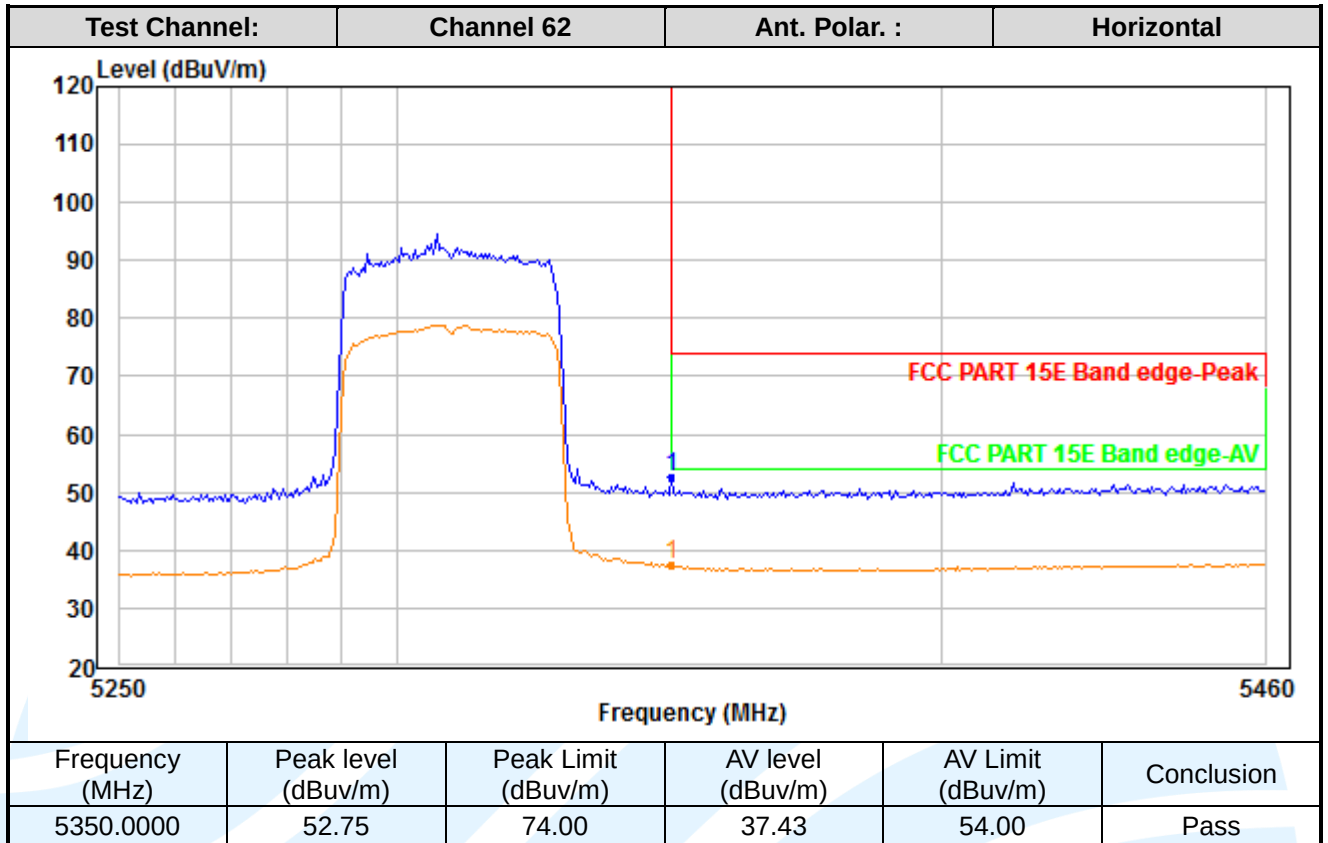
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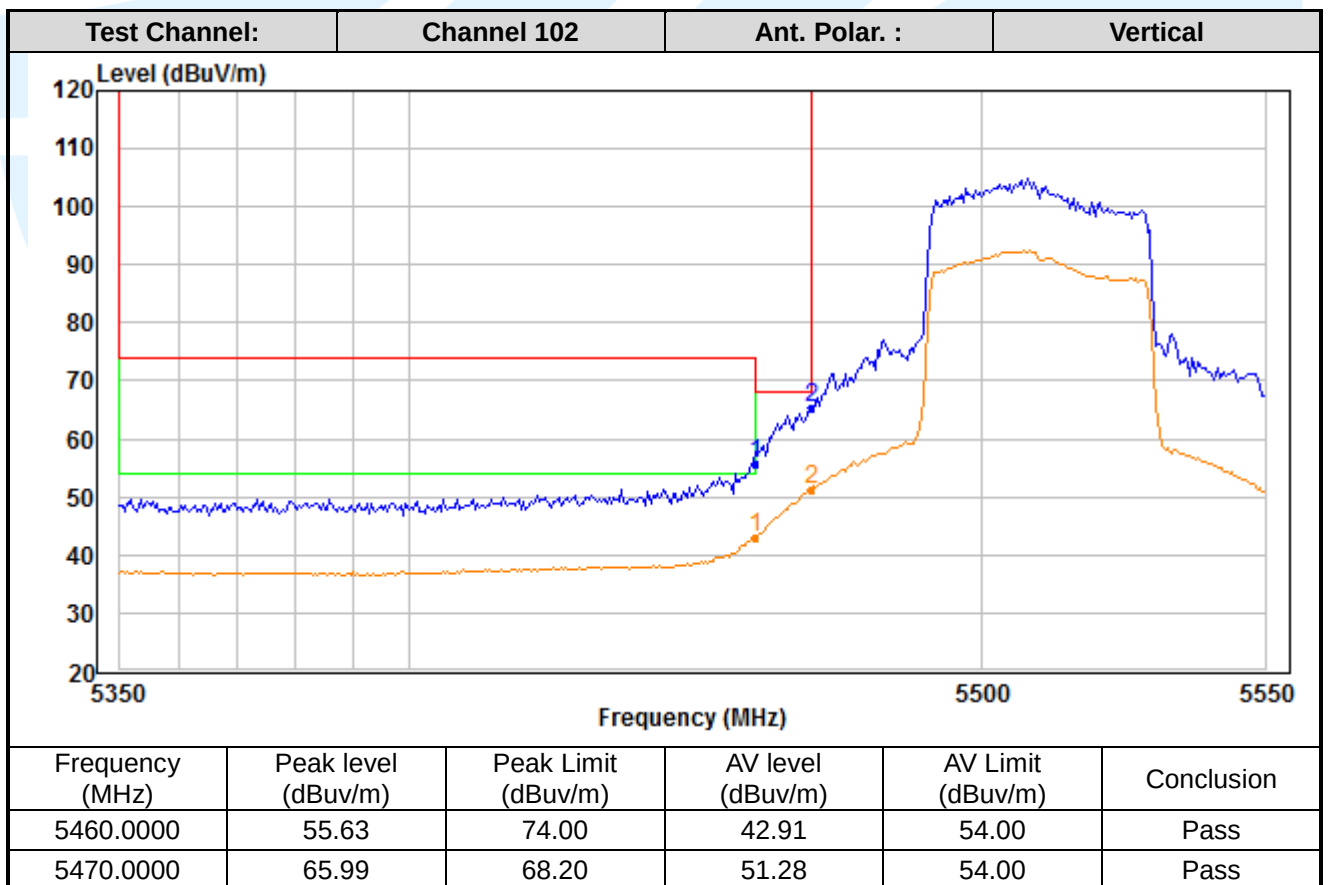
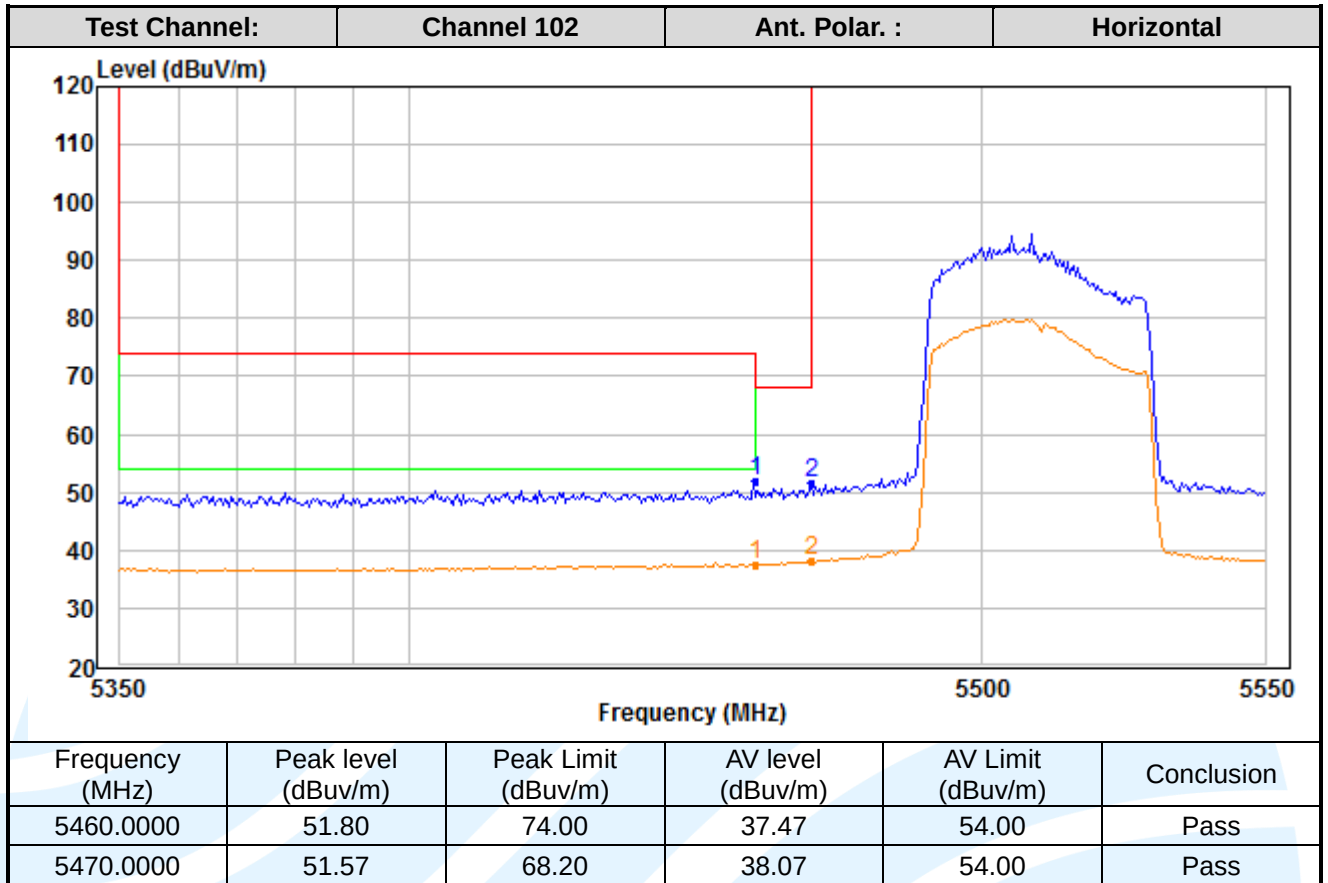
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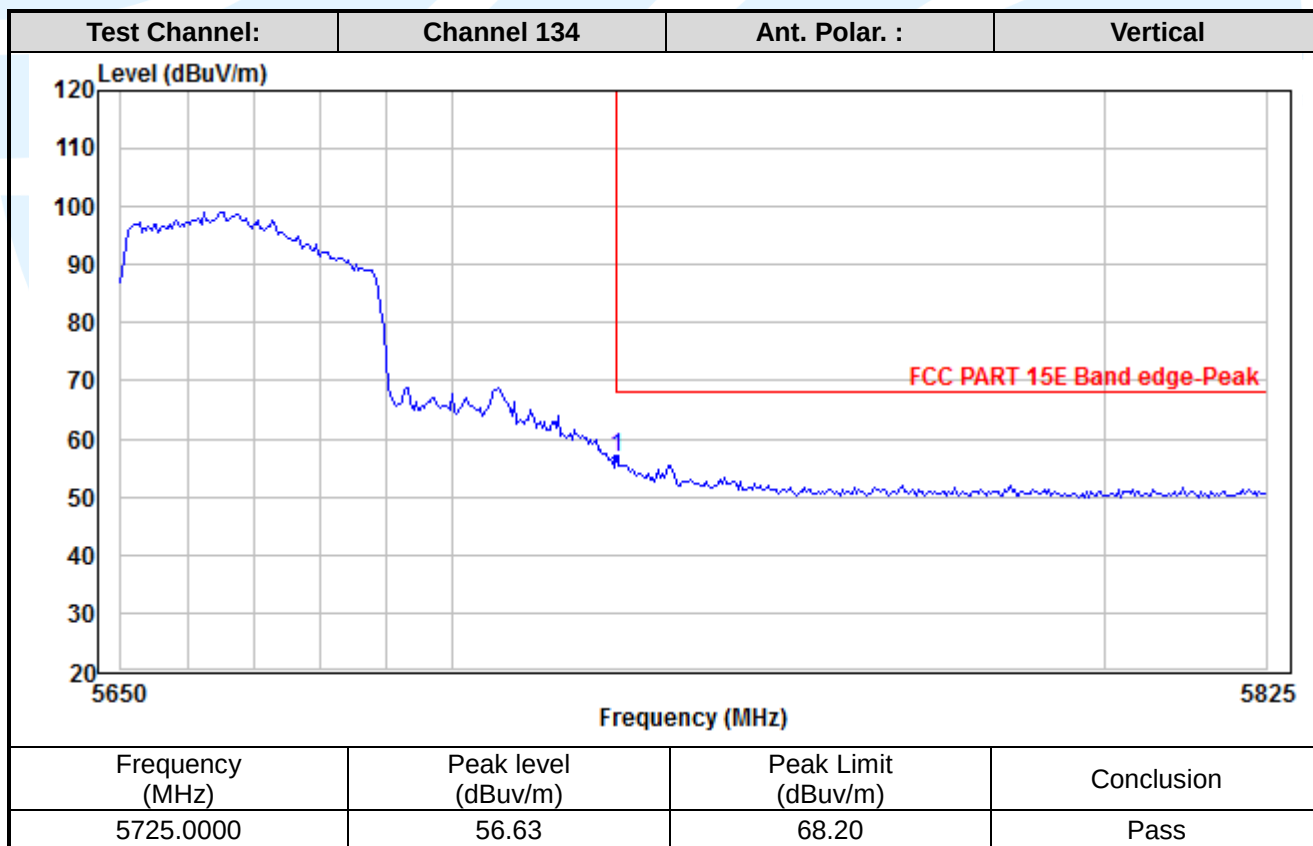
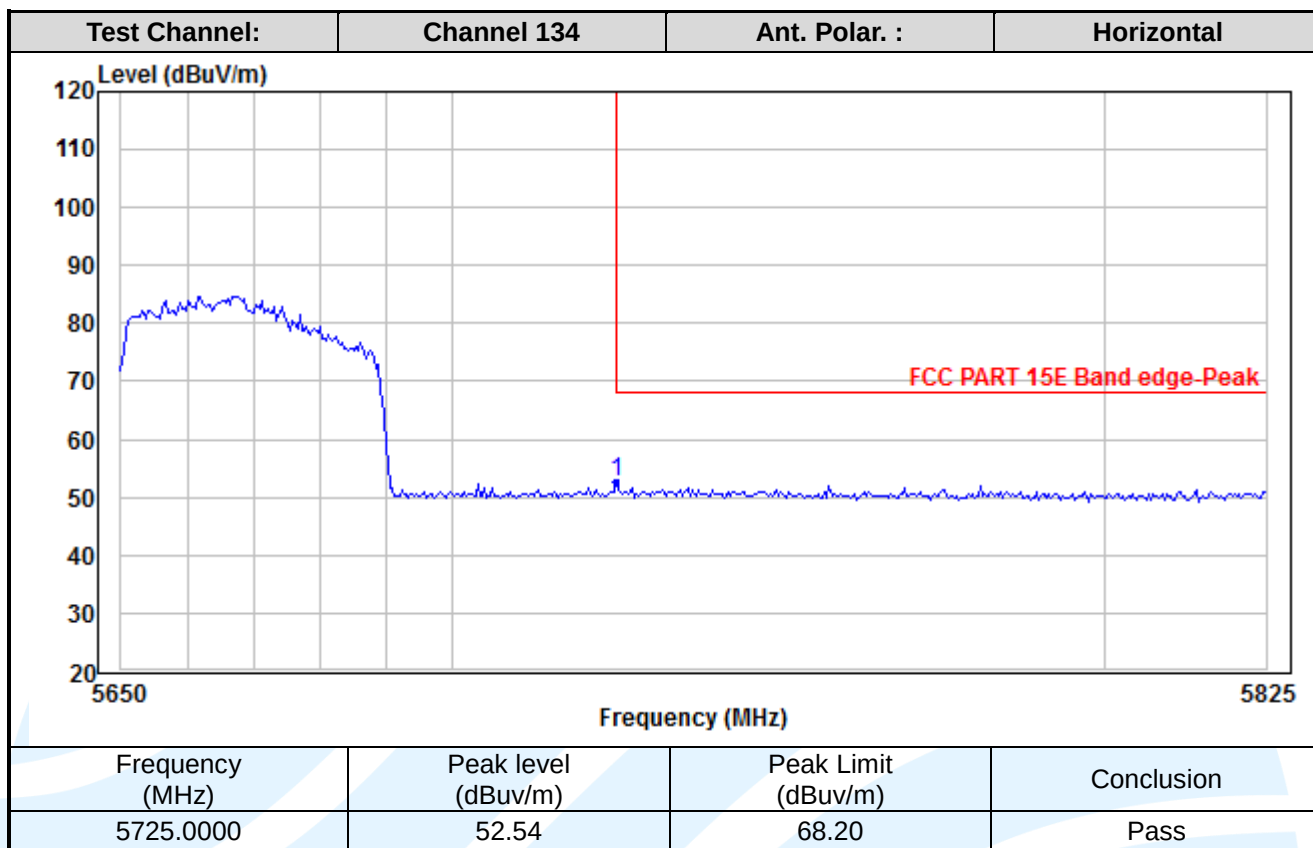
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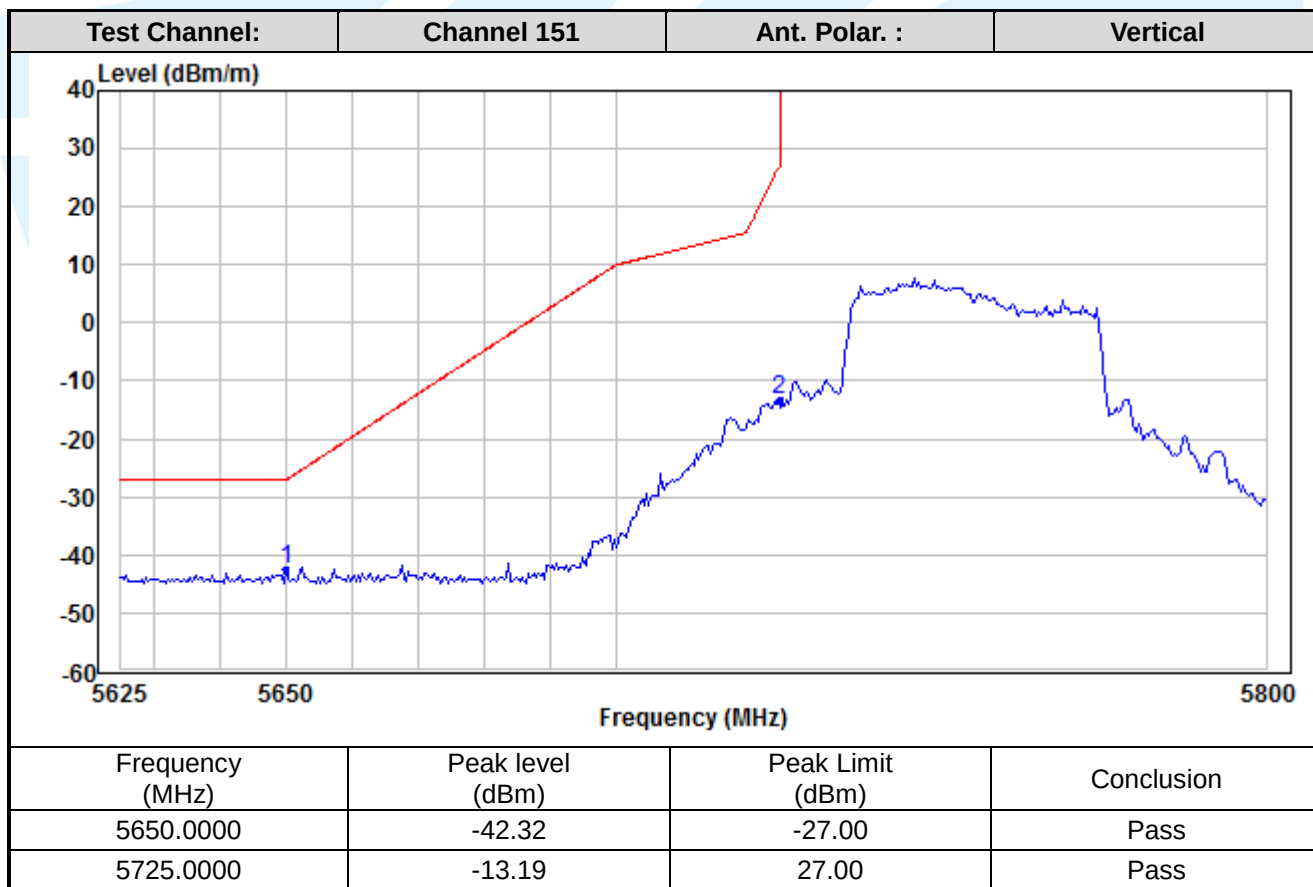
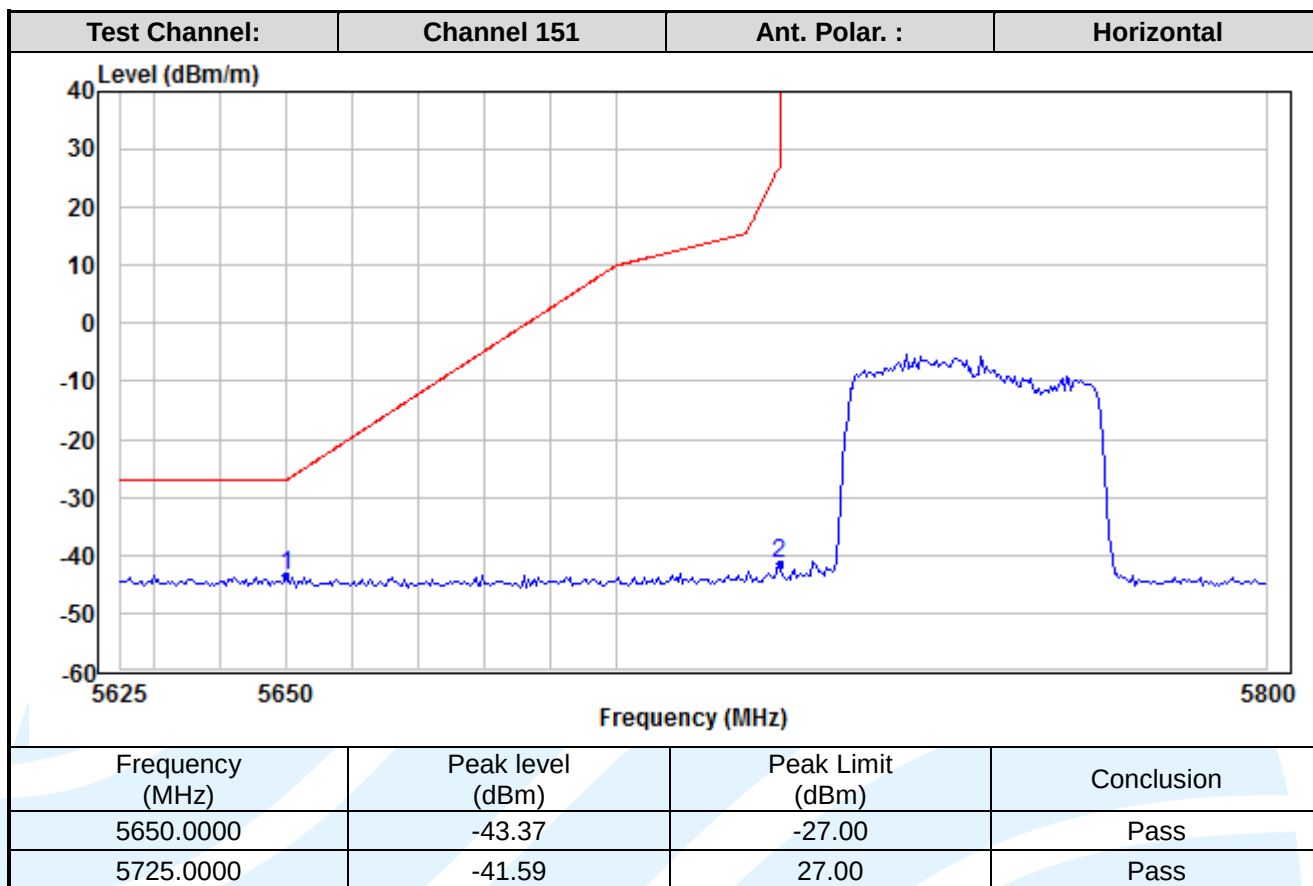
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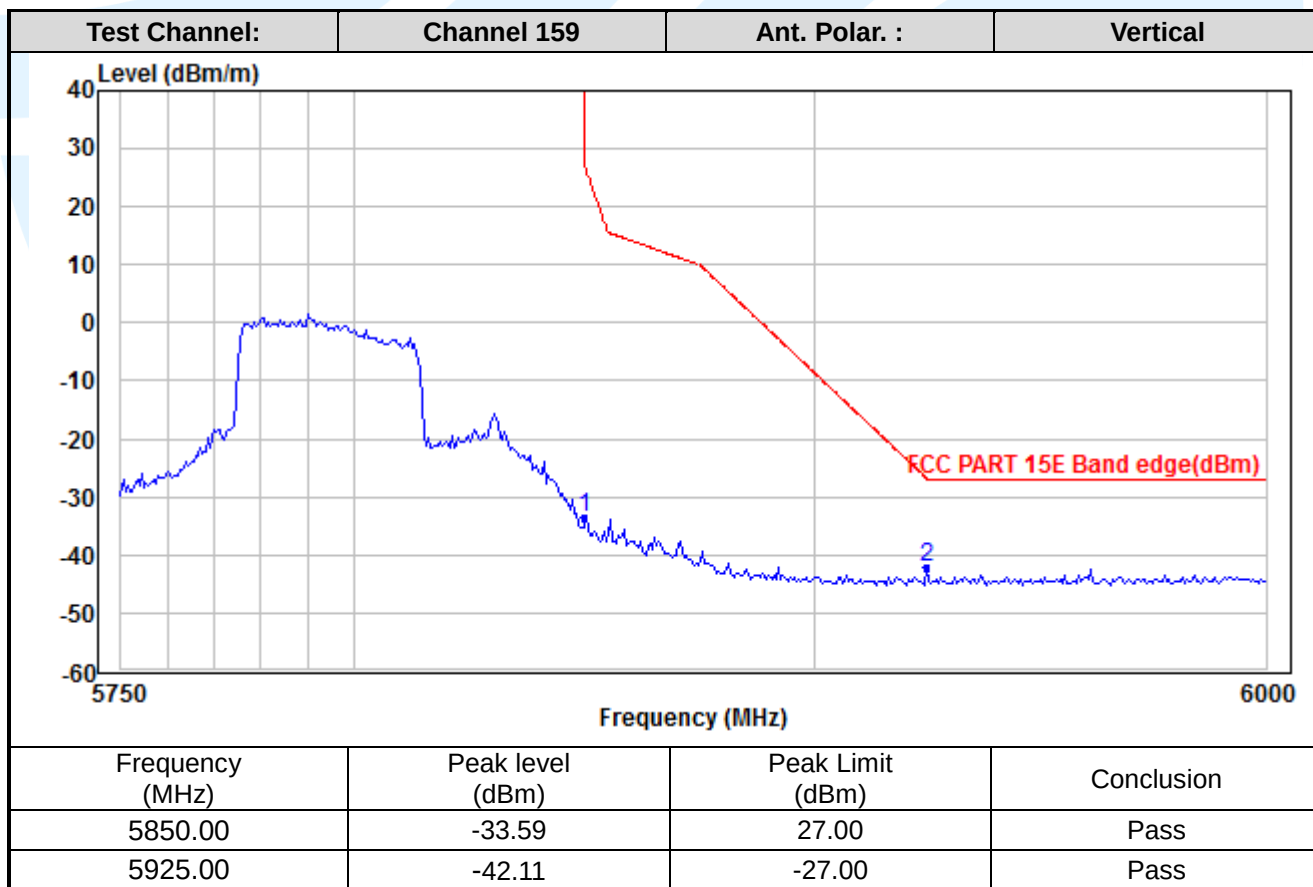
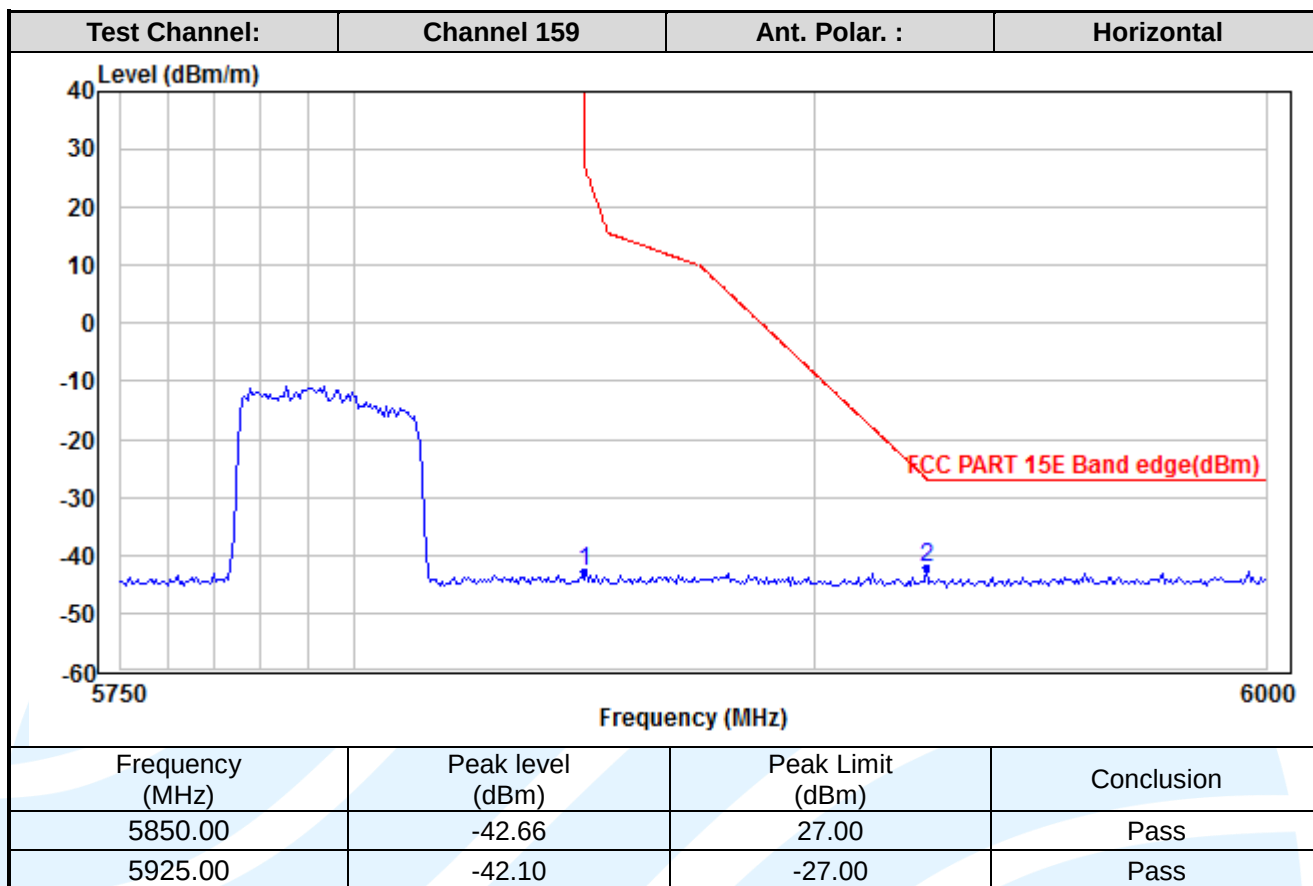
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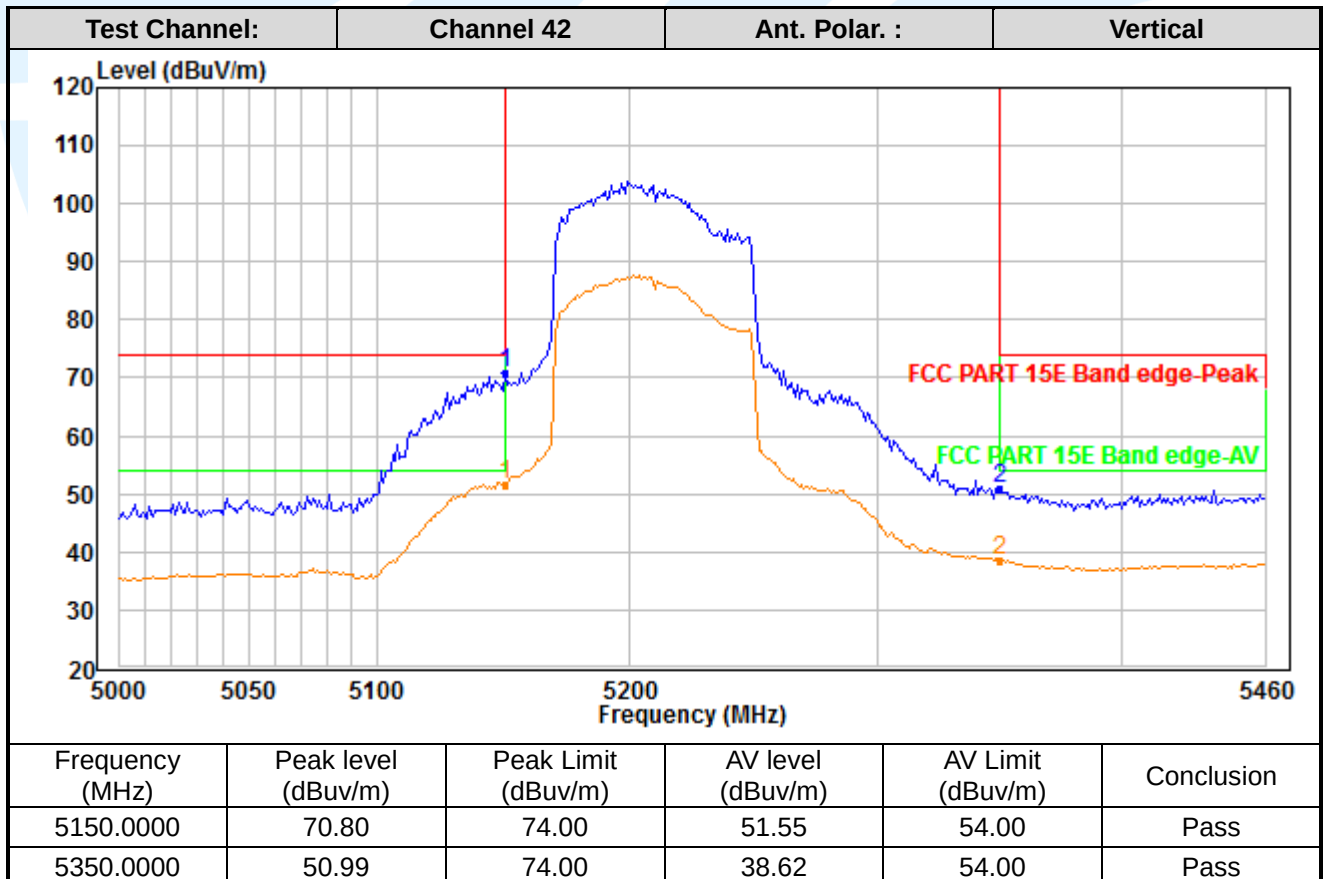
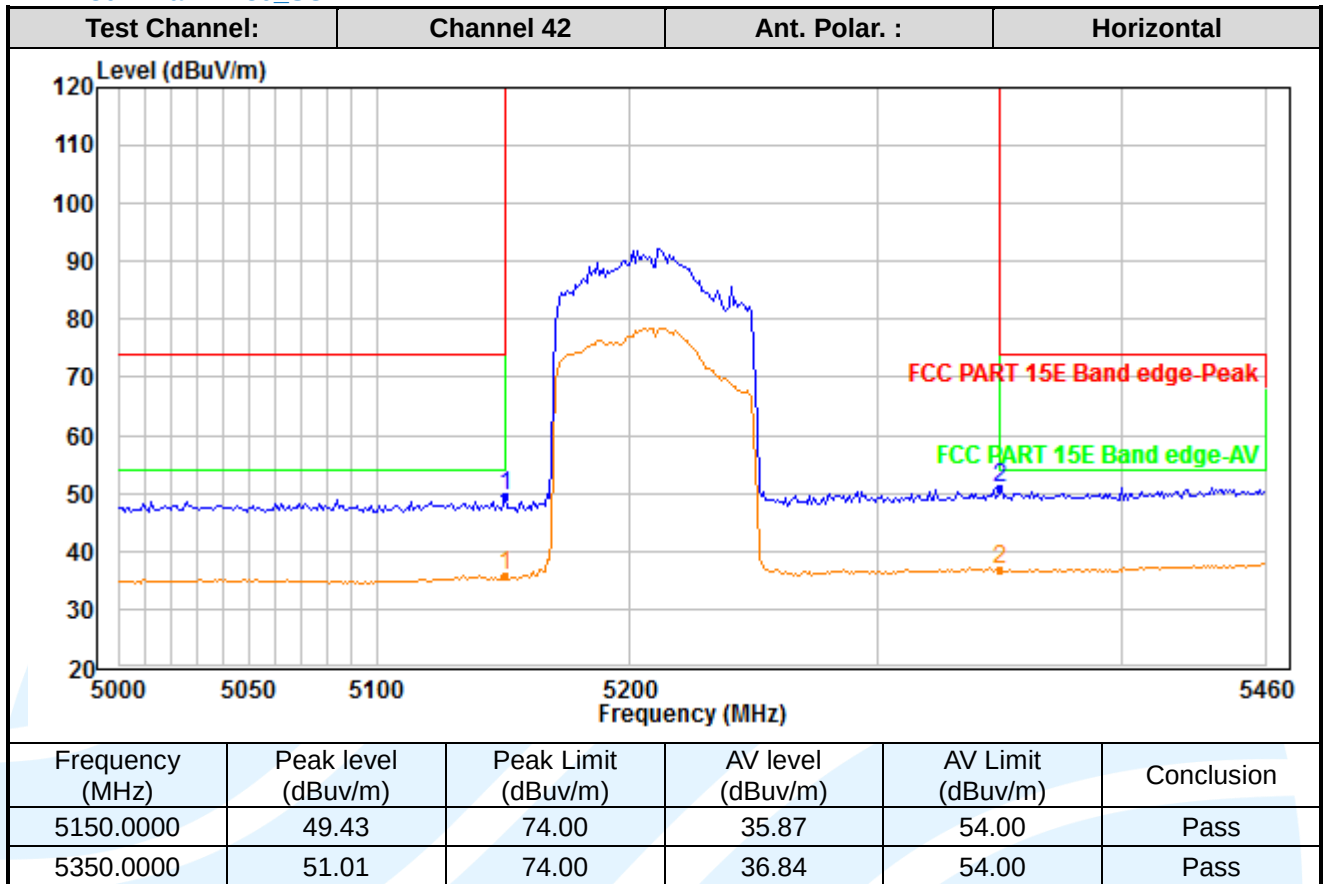
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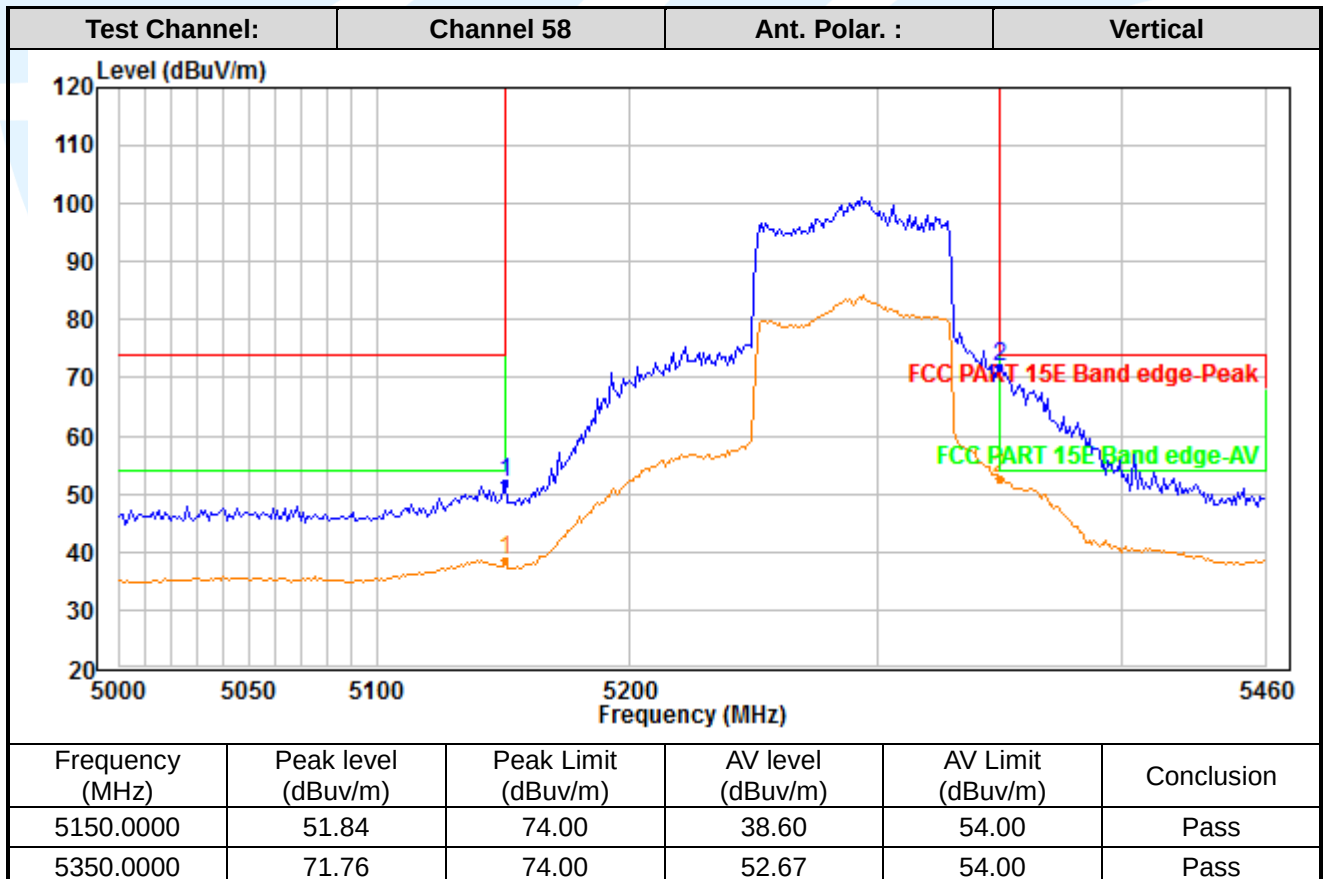
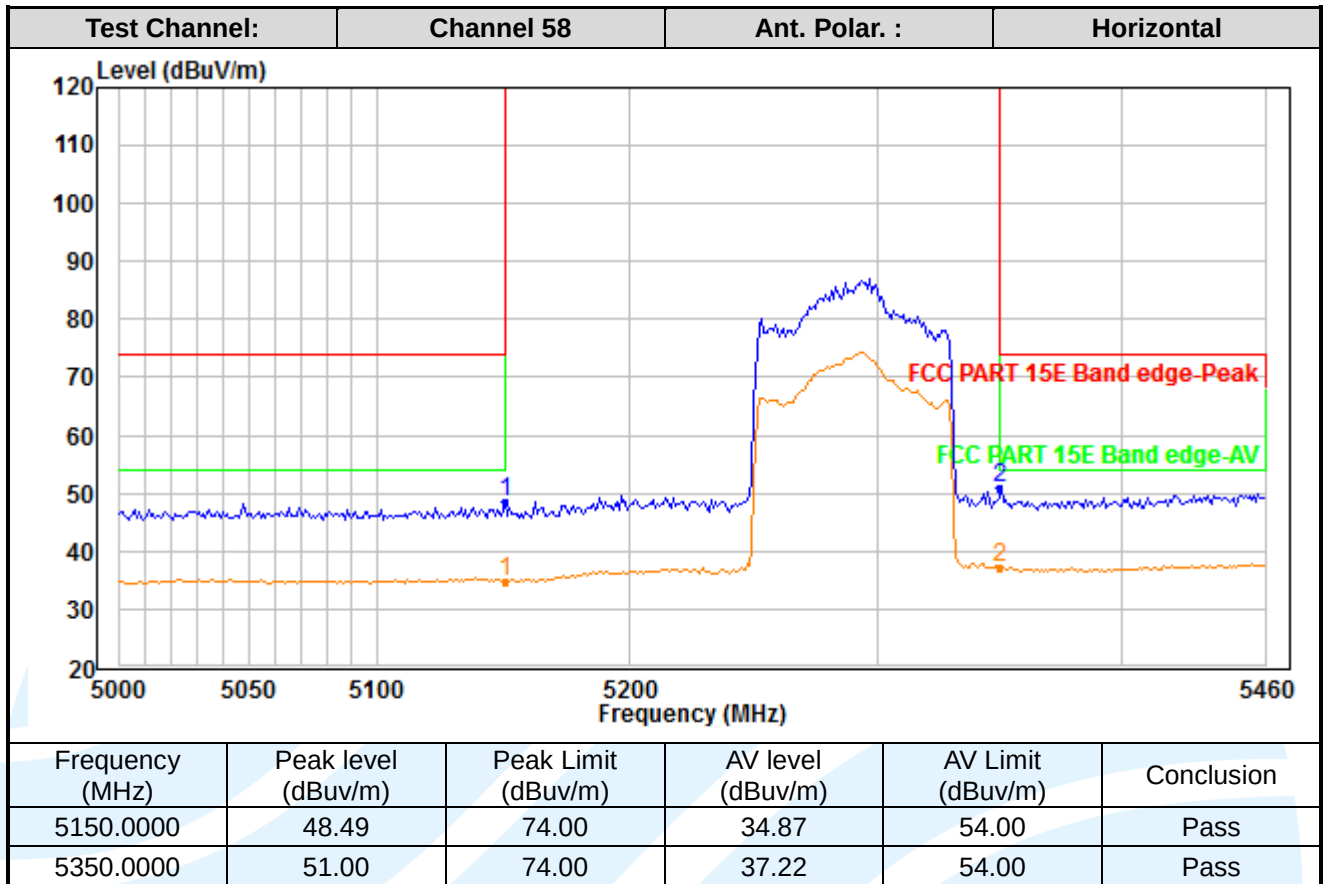
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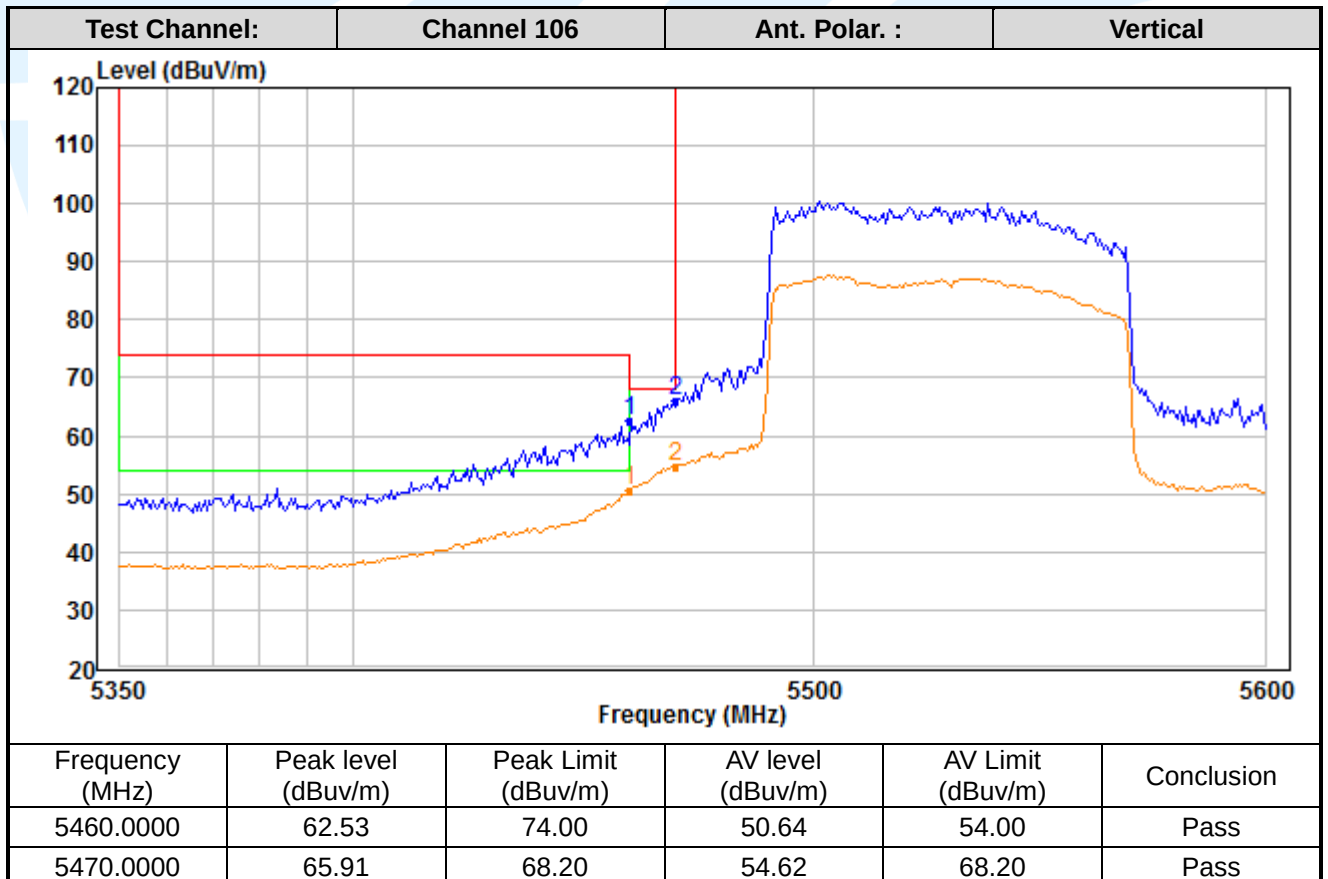
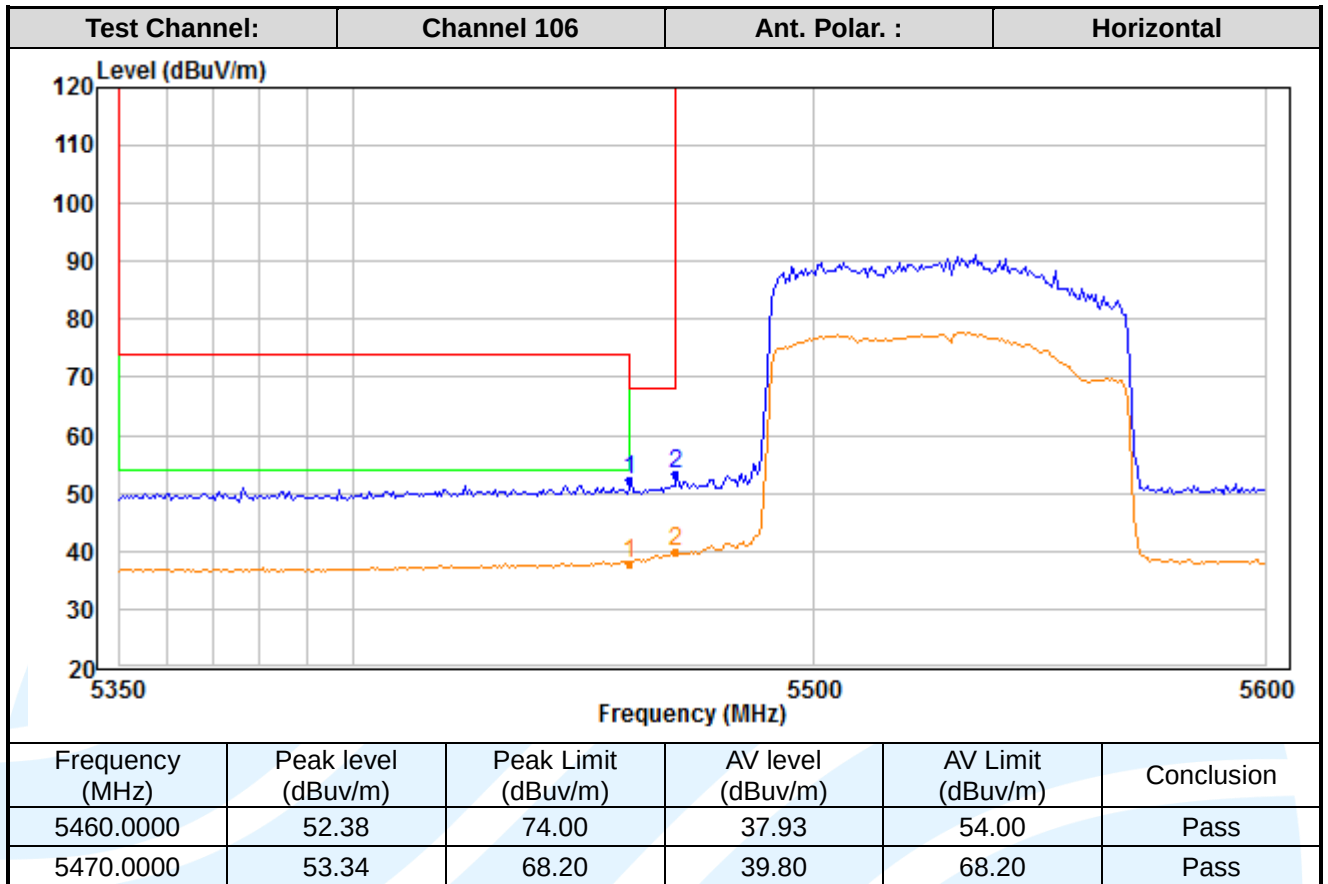
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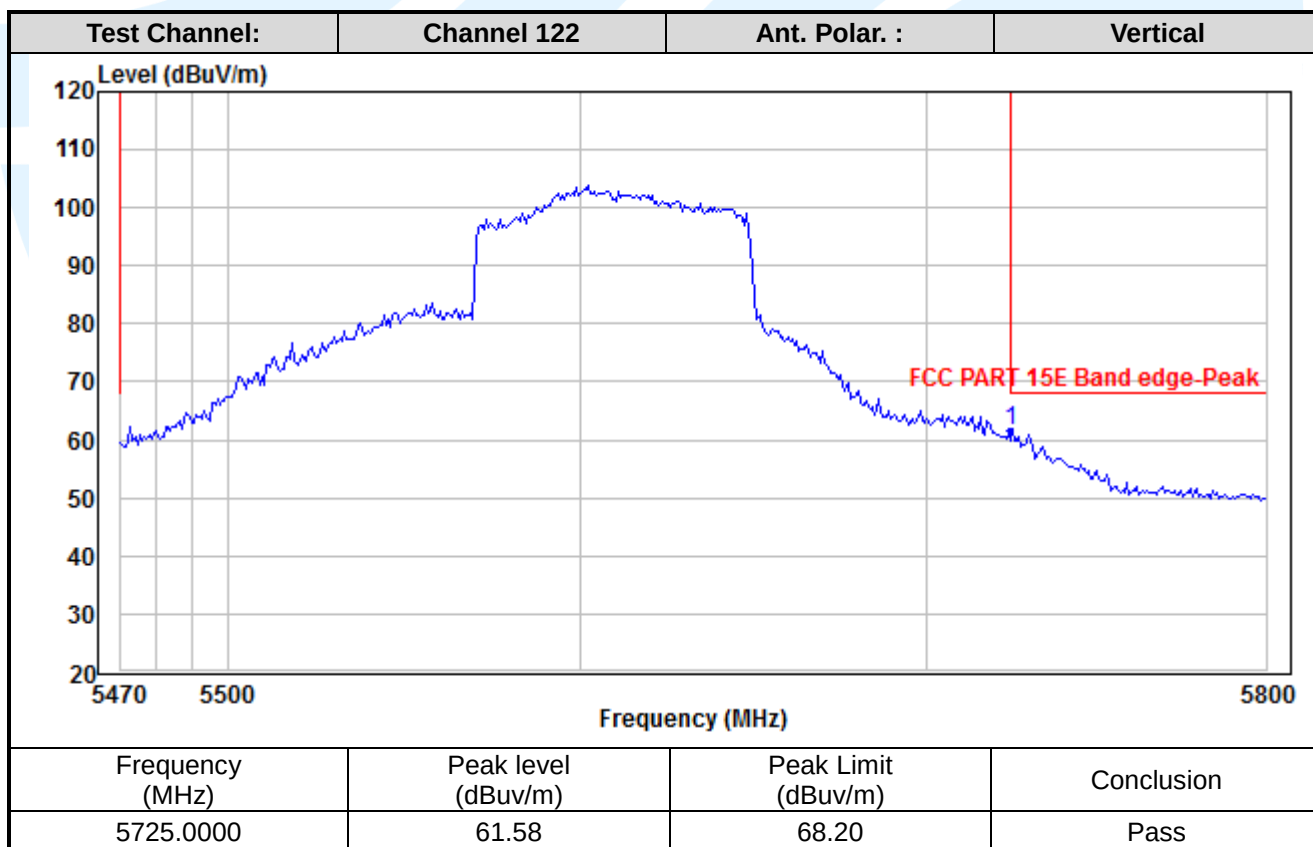
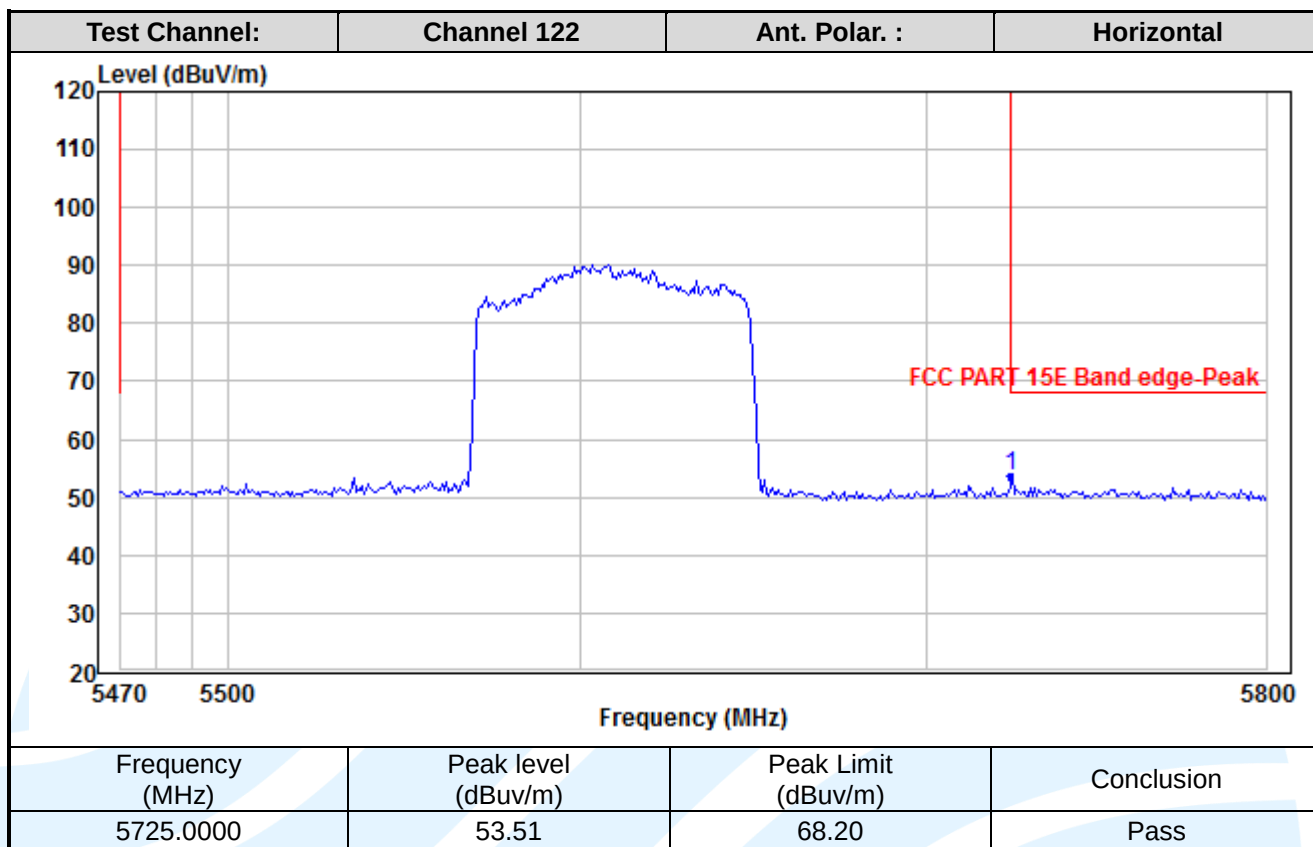
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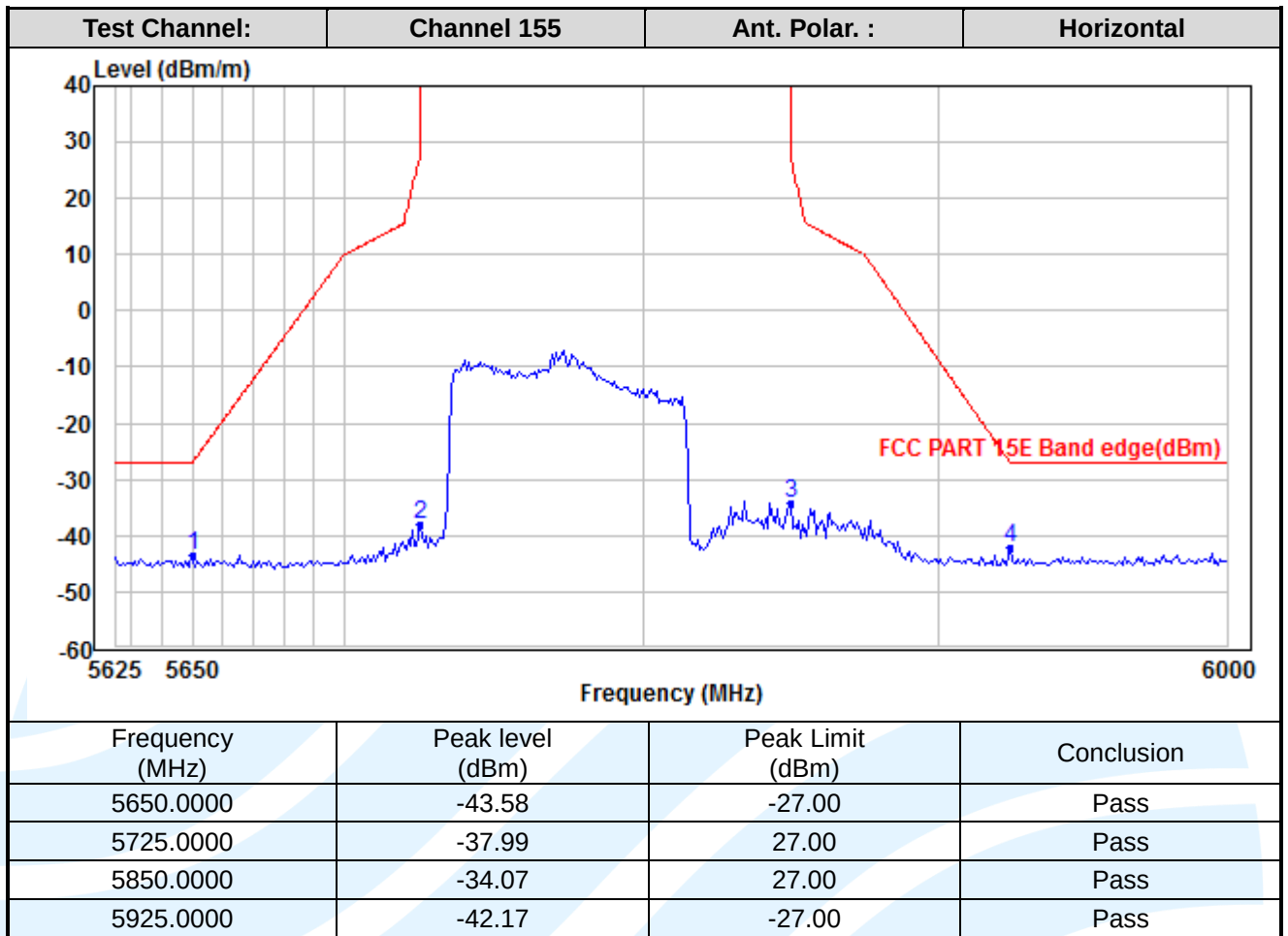
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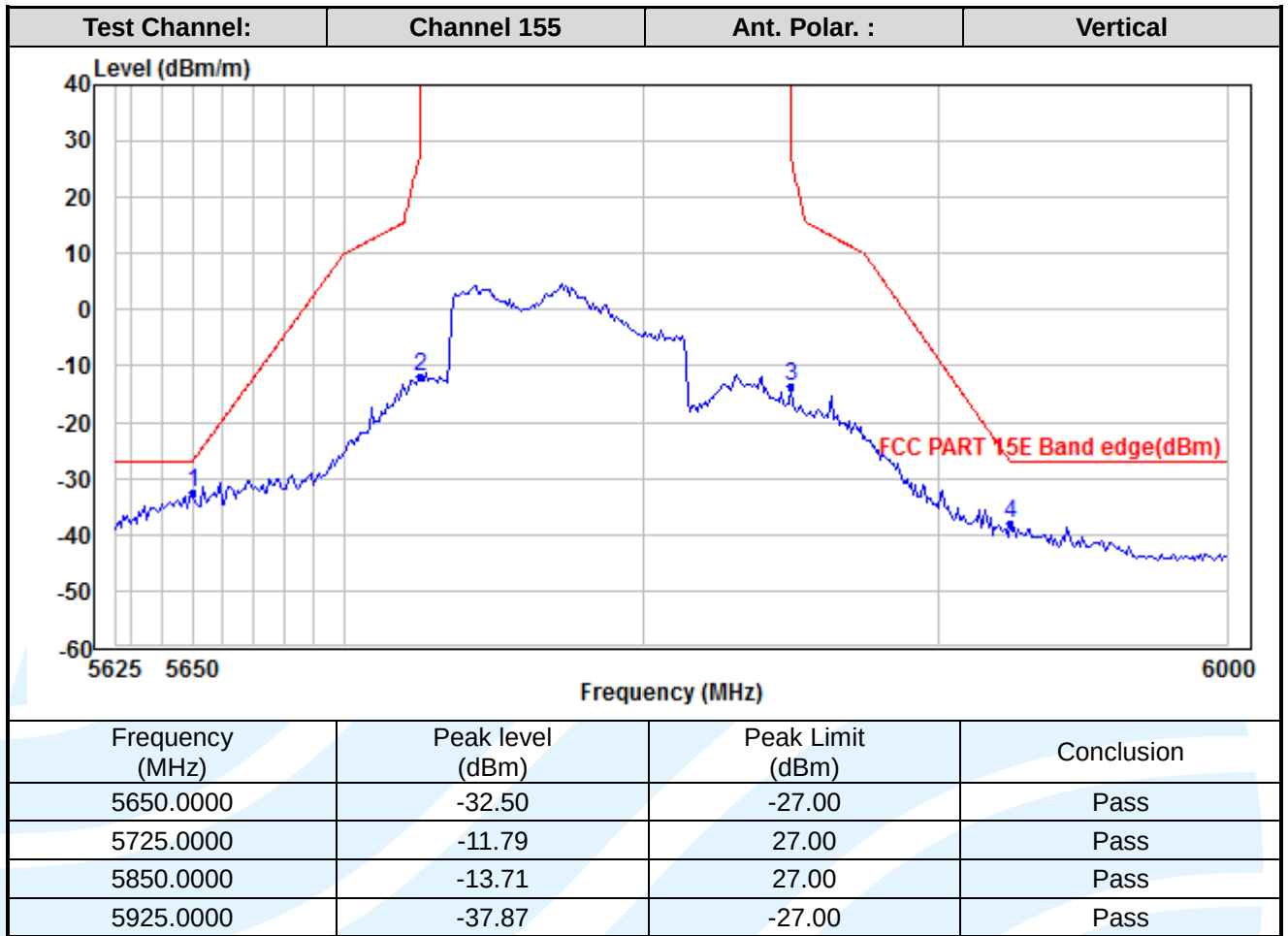
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Note: Pre-scan all RUs to find the worst case mode selection report; the full RU is the worst case mode. Only the worst full RU mode is shown in the report.

5.8 AC POWER LINE CONDUCTED EMISSION

Test Requirement: FCC 47 CFR Part 15 Subpart C Section 15.207

Test Method: ANSI C63.10-2013 Section 6.2

Limits:

Frequency range (MHz)	Limits (dB(μV))	
	Quasi-peak	Average
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 30	60	50

Remark:

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

Test Setup: Refer to section 4.4.2 for details.

Test Procedures:

Test frequency range :150KHz-30MHz

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Equipment Used: Refer to section 3 for details.

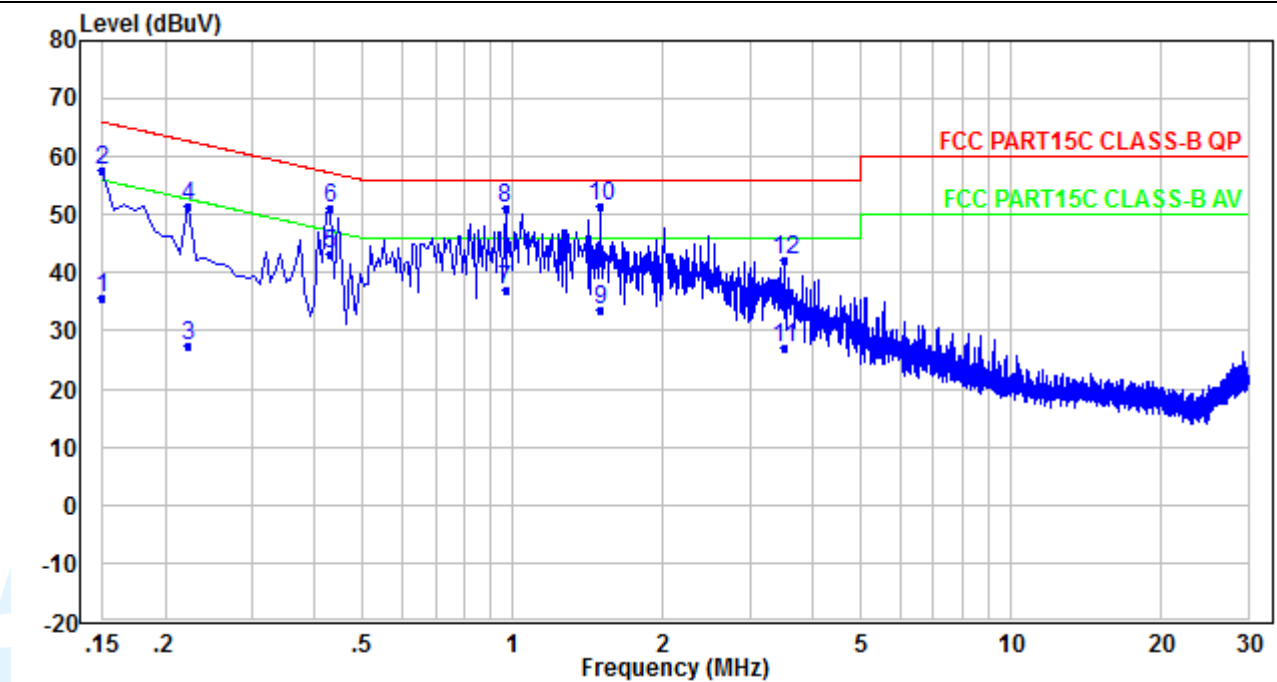
Test Result: Pass

The measurement data as follows:

Quasi Peak and Average:

Mode: WIFI Link

Live Line



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.150	25.52	10.12	35.64	56.00	-20.36	Average
2	0.150	47.52	10.12	57.64	66.00	-8.36	QP
3	0.222	17.40	10.12	27.52	52.74	-25.22	Average
4	0.222	41.40	10.12	51.52	62.74	-11.22	QP
5	0.430	33.13	10.13	43.26	47.25	-3.99	Average
6	0.430	41.13	10.13	51.26	57.25	-5.99	QP
7	0.966	26.95	10.22	37.17	46.00	-8.83	Average
8	0.966	40.95	10.22	51.17	56.00	-4.83	QP
9	1.494	23.40	10.23	33.63	46.00	-12.37	Average
10	1.494	41.40	10.23	51.63	56.00	-4.37	QP
11	3.517	16.76	10.28	27.04	46.00	-18.96	Average
12	3.517	31.76	10.28	42.04	56.00	-13.96	QP

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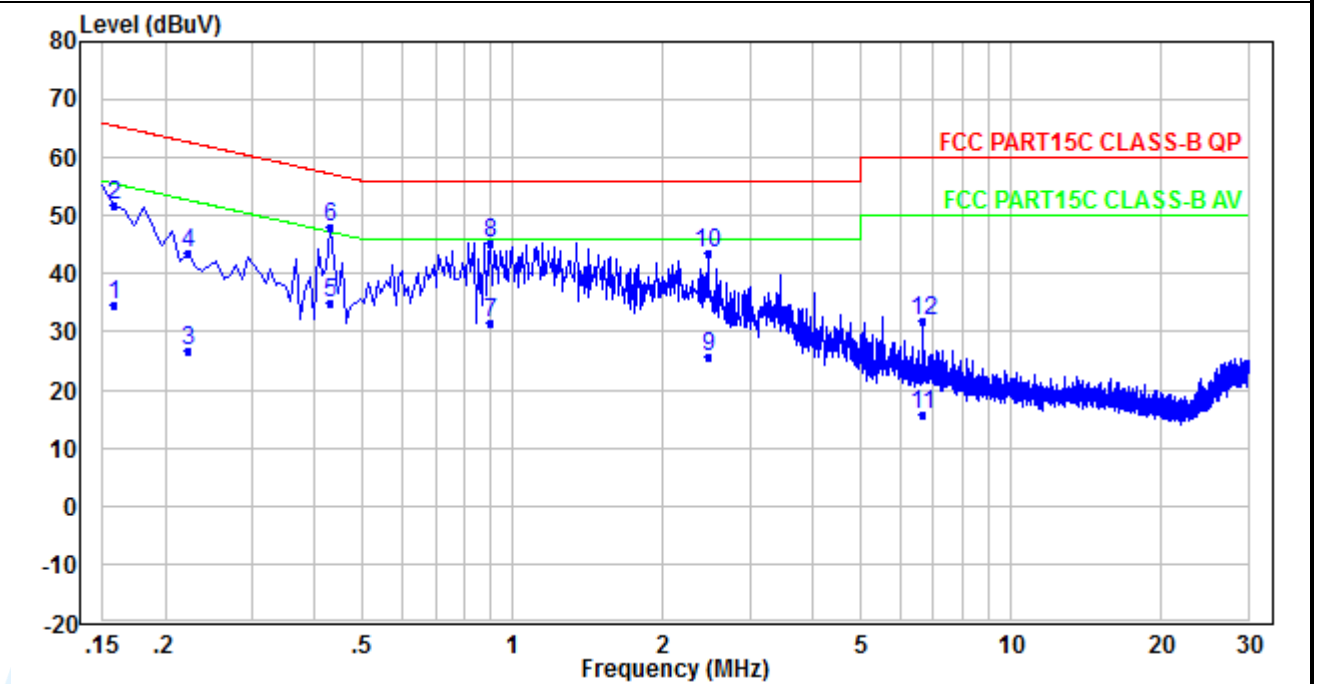
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Neutral Line



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.158	24.67	10.12	34.79	55.57	-20.78	Average
2	0.158	41.67	10.12	51.79	65.57	-13.78	QP
3	0.222	16.51	10.11	26.62	52.74	-26.12	Average
4	0.222	33.51	10.11	43.62	62.74	-19.12	QP
5	0.430	24.95	10.12	35.07	47.25	-12.18	Average
6	0.430	37.95	10.12	48.07	57.25	-9.18	QP
7	0.902	21.29	10.15	31.44	46.00	-14.56	Average
8	0.902	35.29	10.15	45.44	56.00	-10.56	QP
9	2.462	15.40	10.22	25.62	46.00	-20.38	Average
10	2.462	33.40	10.22	43.62	56.00	-12.38	QP
11	6.637	5.36	10.45	15.81	50.00	-34.19	Average
12	6.637	21.36	10.45	31.81	60.00	-28.19	QP

Remark:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result - Limit
4. An initial pre-scan was performed on the Phase and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

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APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

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