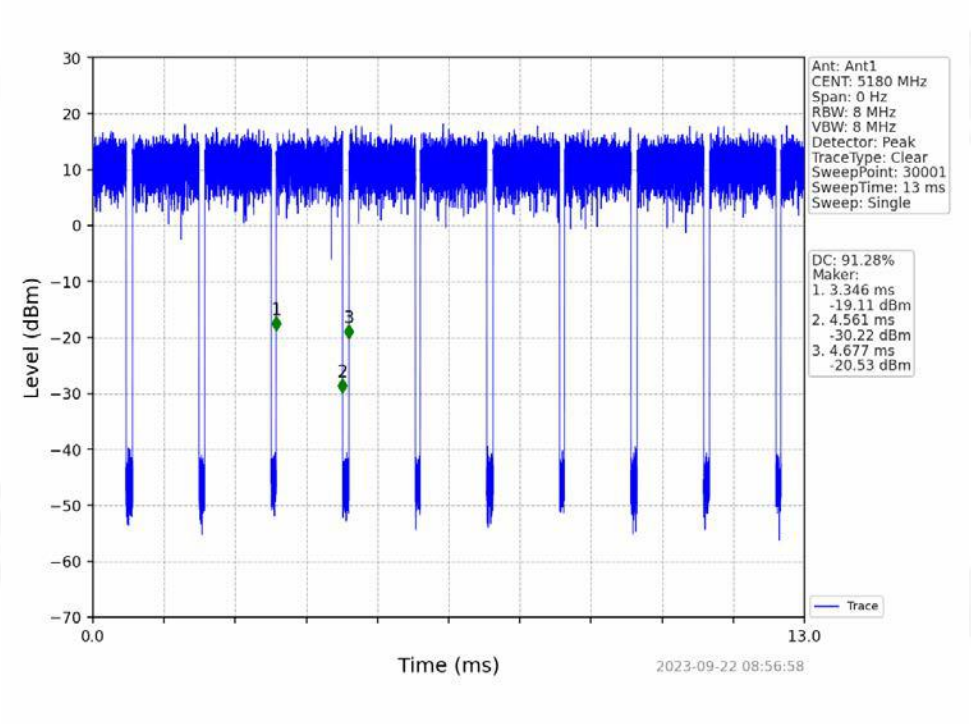
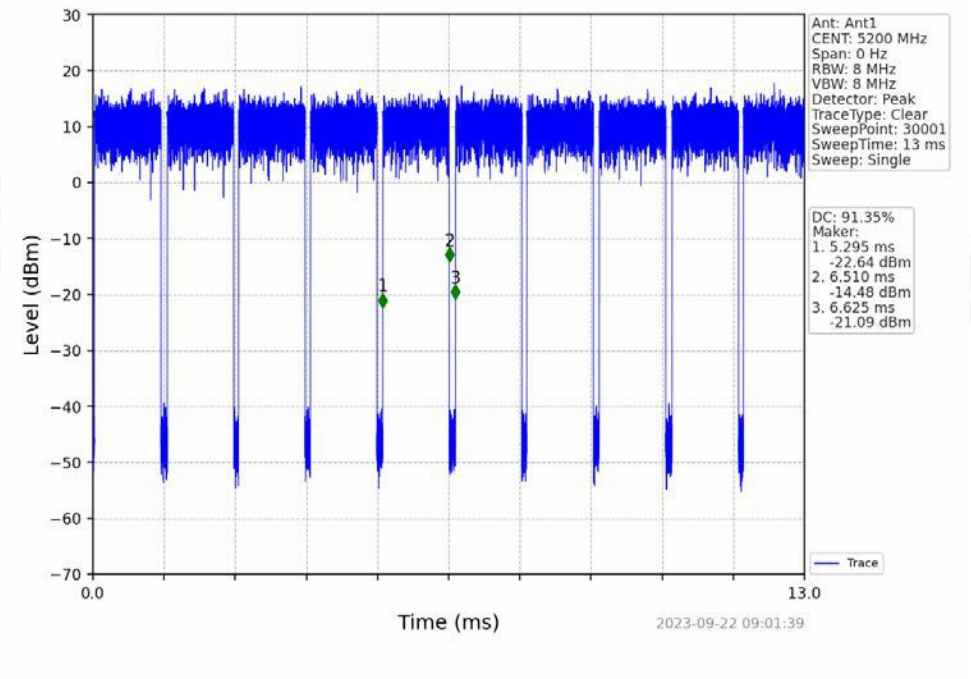
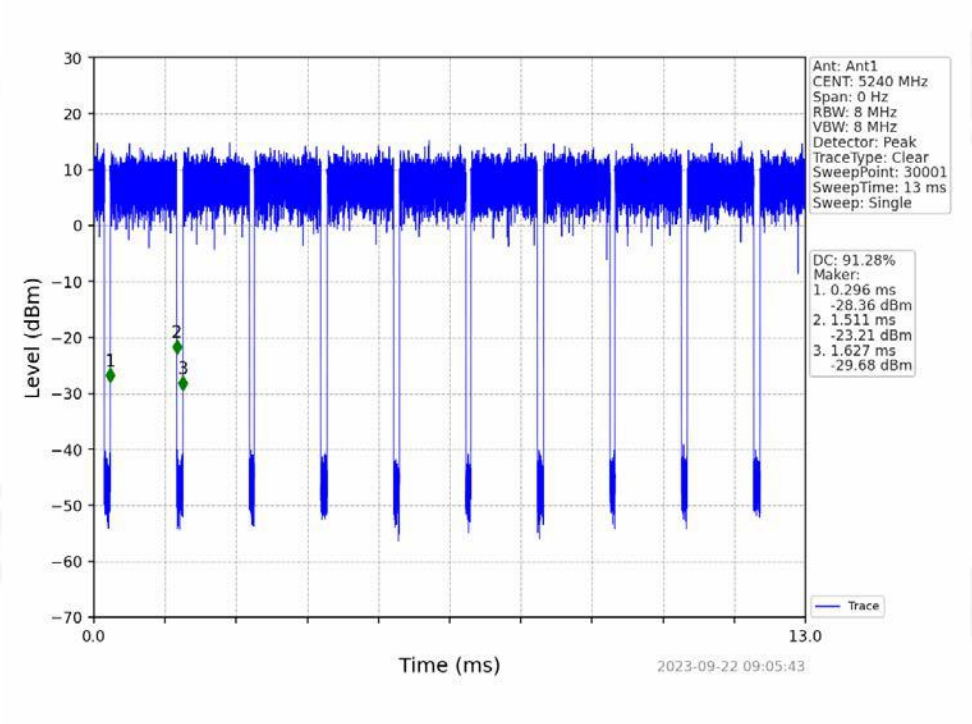
802.11ac(VHT20)_LCH_5180MHz_NTNV



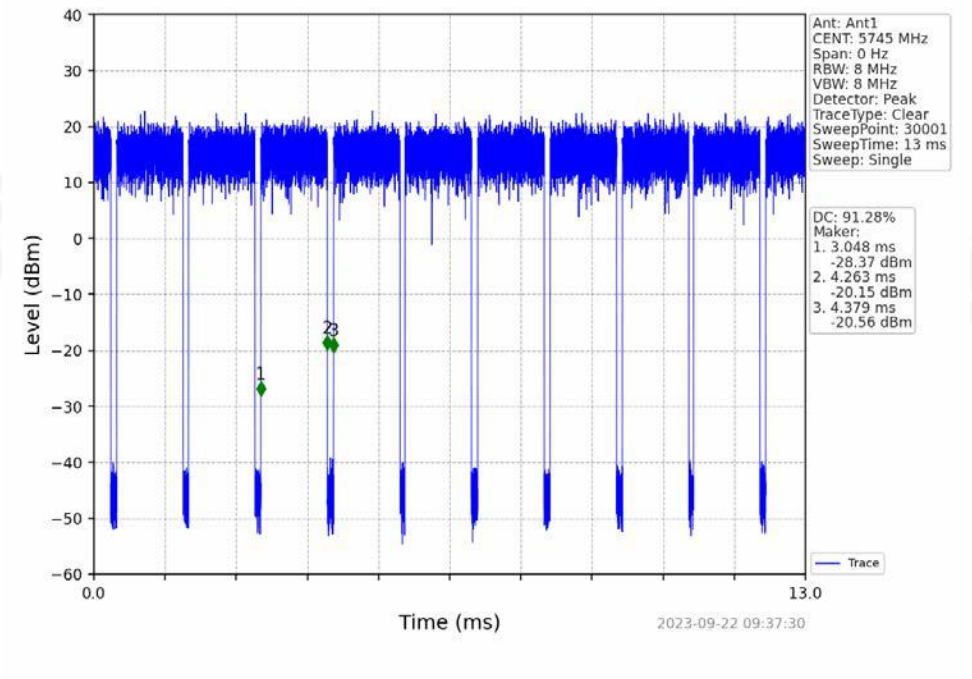
802.11ac(VHT20)_MCH_5200MHz_NTNV



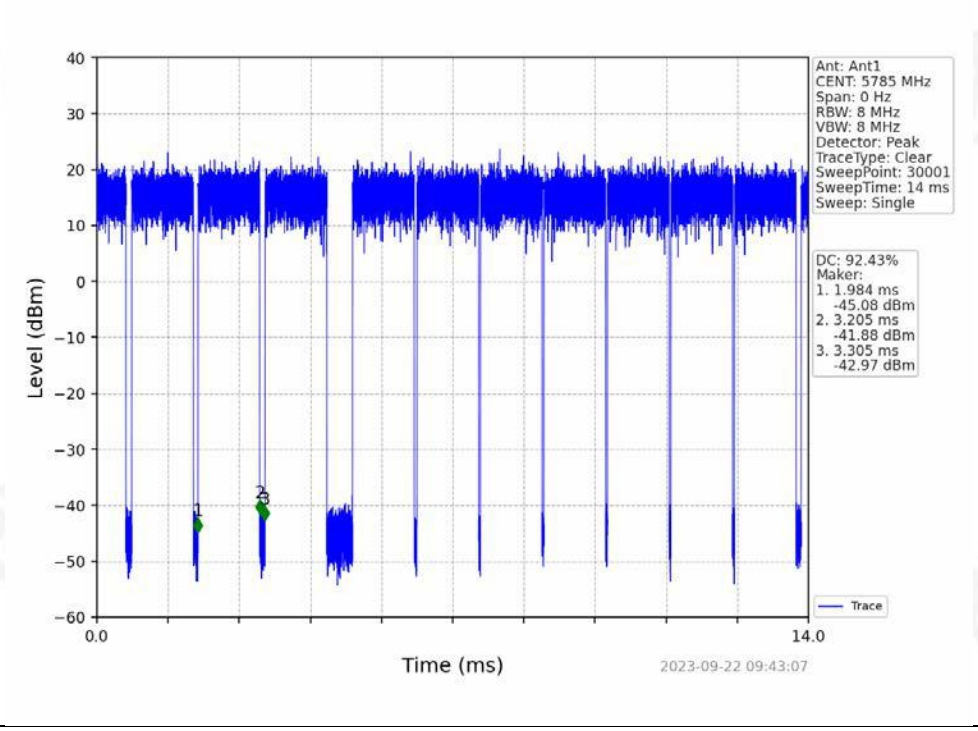
802.11ac(VHT20)_HCH_5240MHz_NTNV



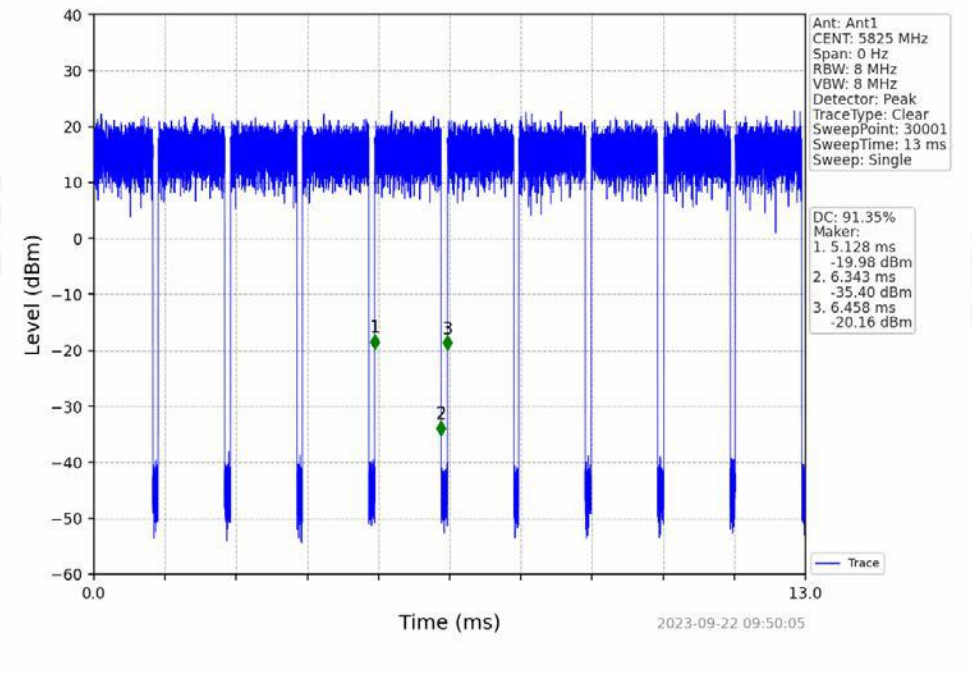
802.11ac(VHT20)_LCH_5745MHz_NTNV



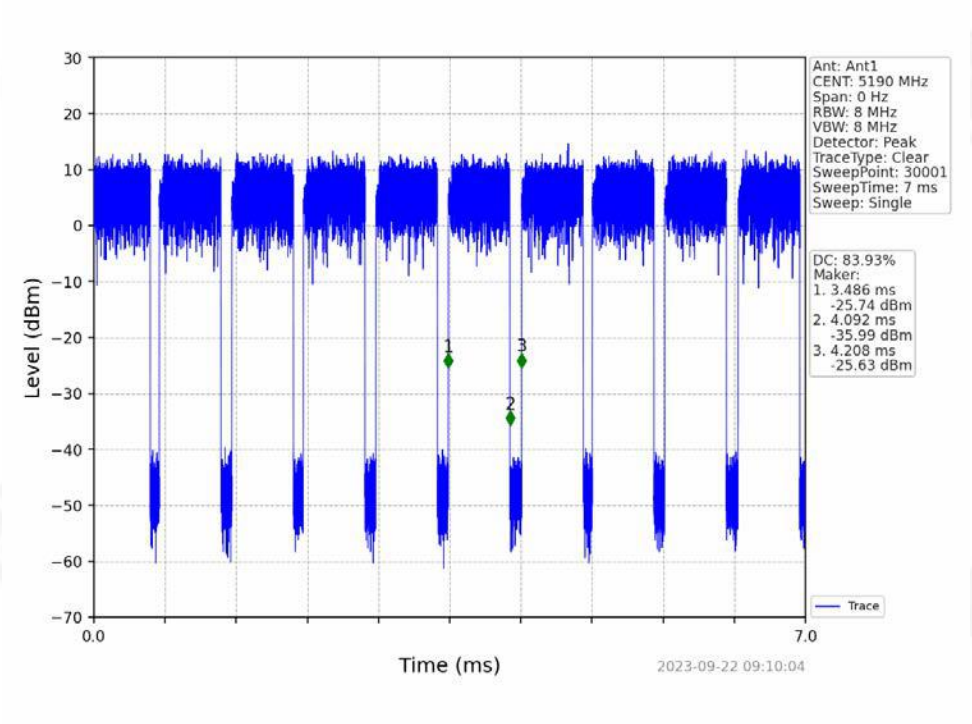
802.11ac(VHT20)_MCH_5785MHz_NTNV



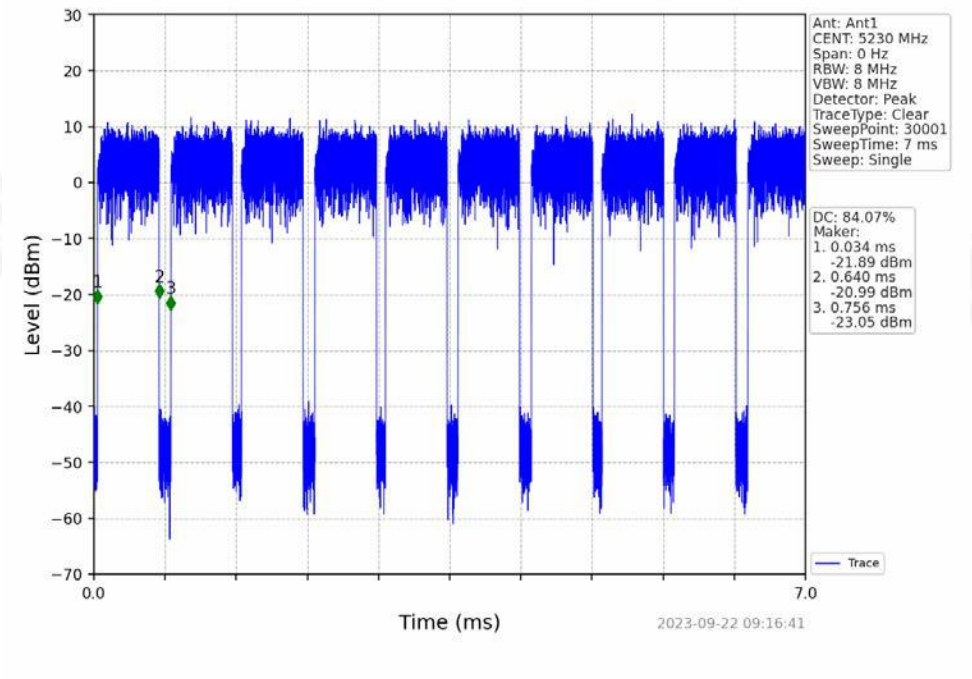
802.11ac(VHT20)_HCH_5825MHz_NTNV



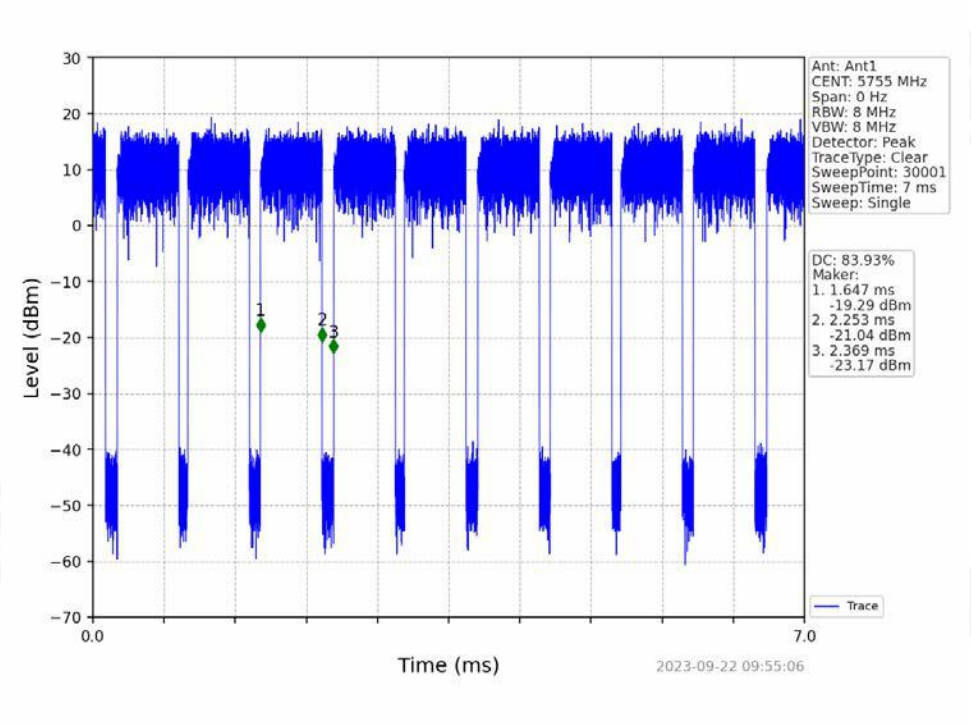
802.11ac(VHT40)_LCH_5190MHz_NTNV



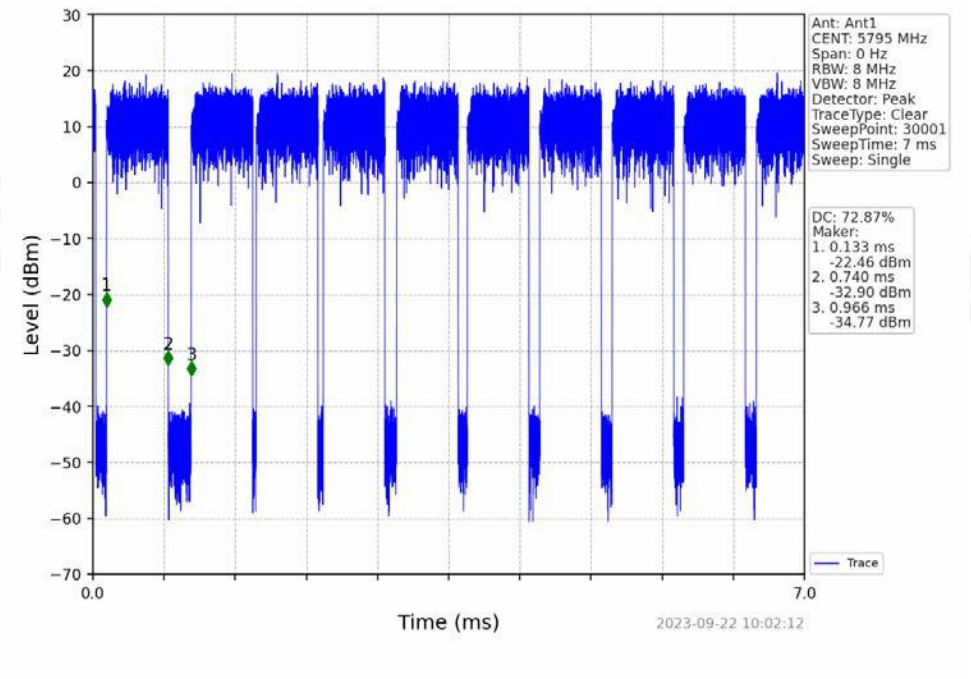
802.11ac(VHT40)_HCH_5230MHz_NTNV



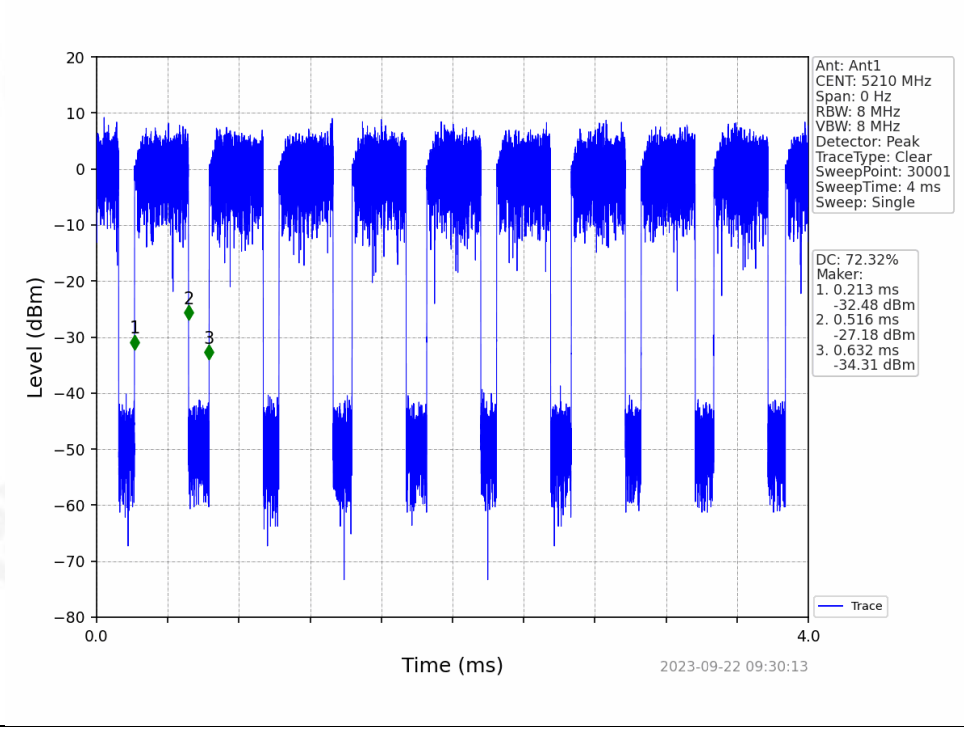
802.11ac(VHT40)_LCH_5755MHz_NTNV



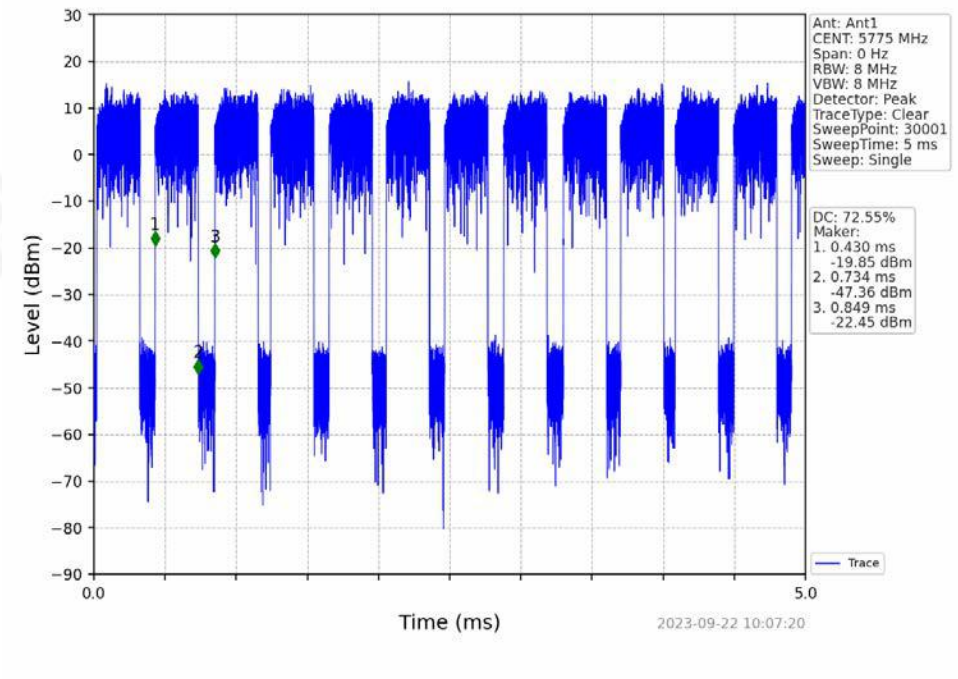
802.11ac(VHT40)_HCH_5795MHz_NTNV



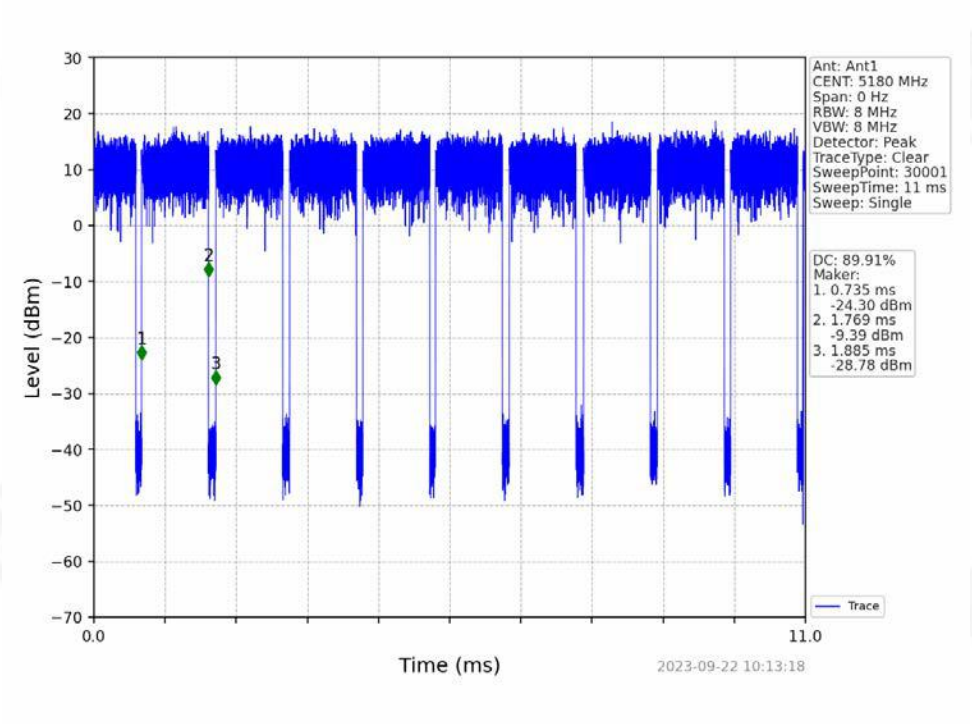
802.11ac(VHT80)_MCH_5210MHz_NTNV



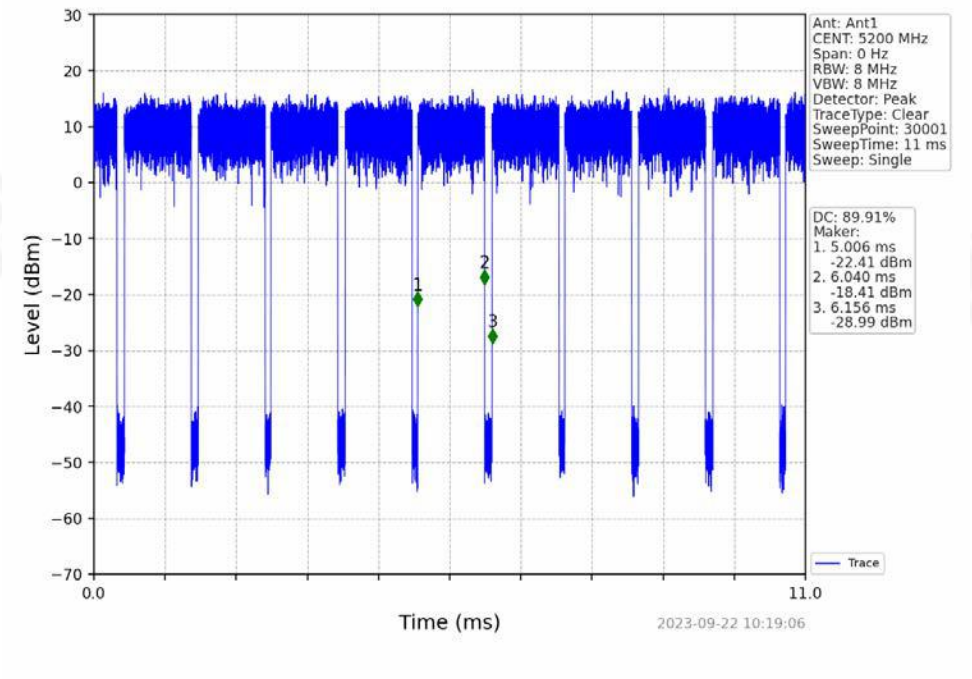
802.11ac(VHT80)_MCH_5775MHz_NTNV



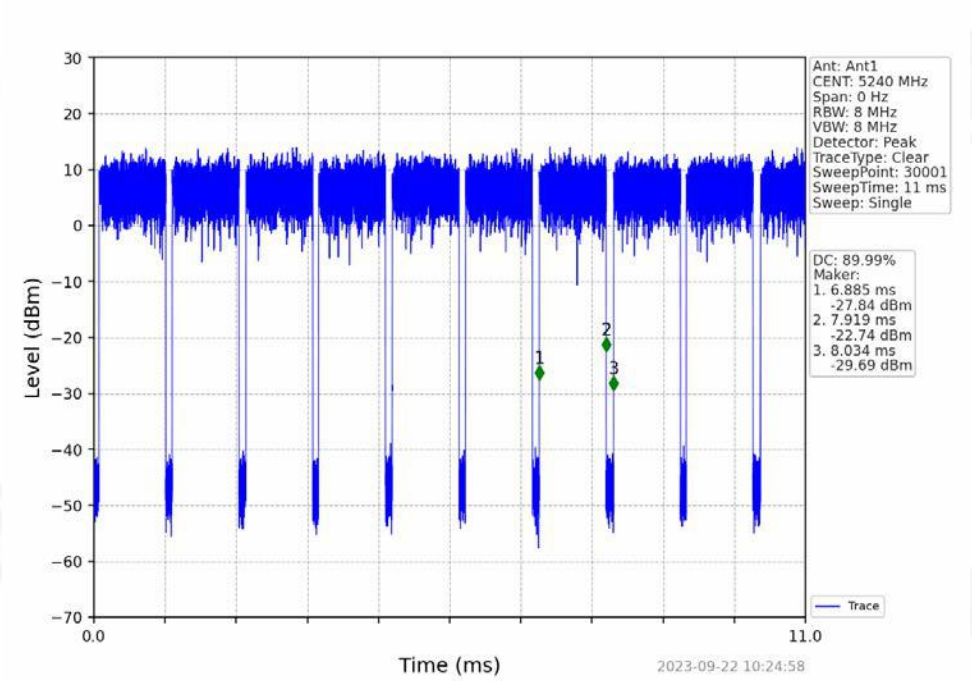
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_NTNV



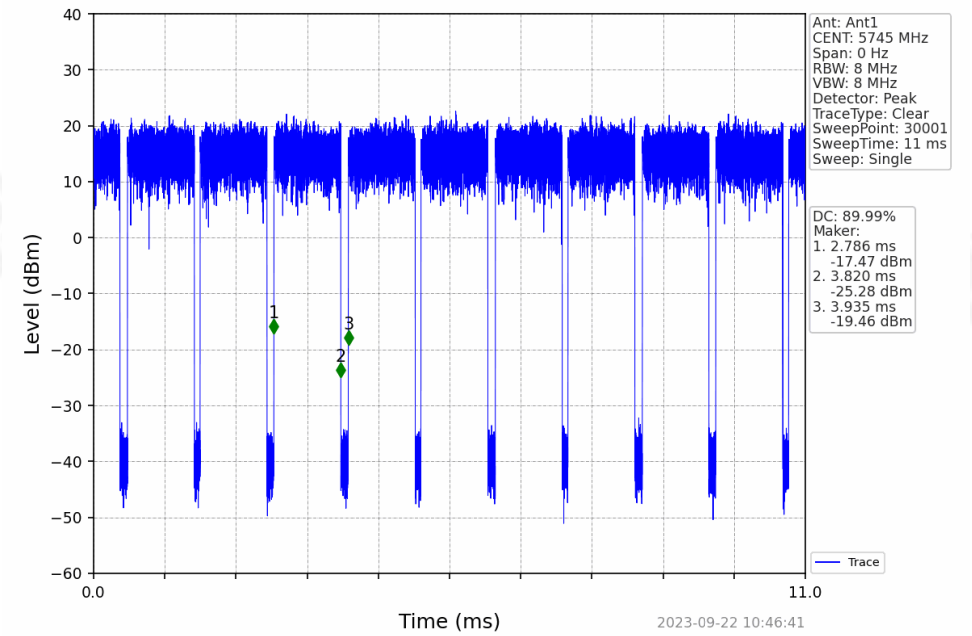
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_NTNV



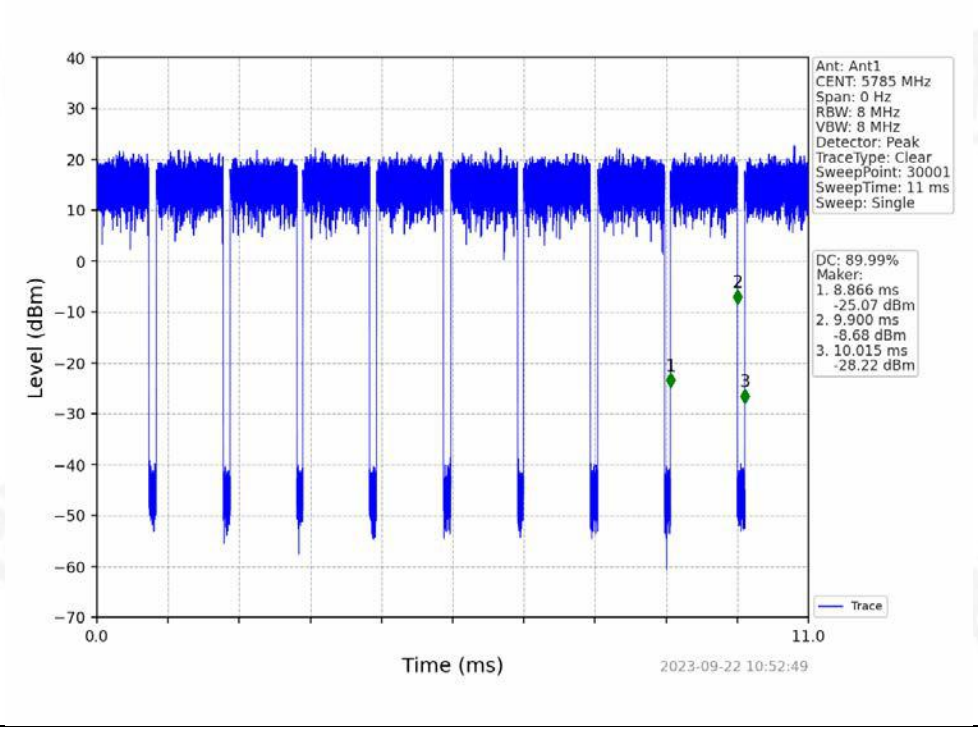
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_NTNV



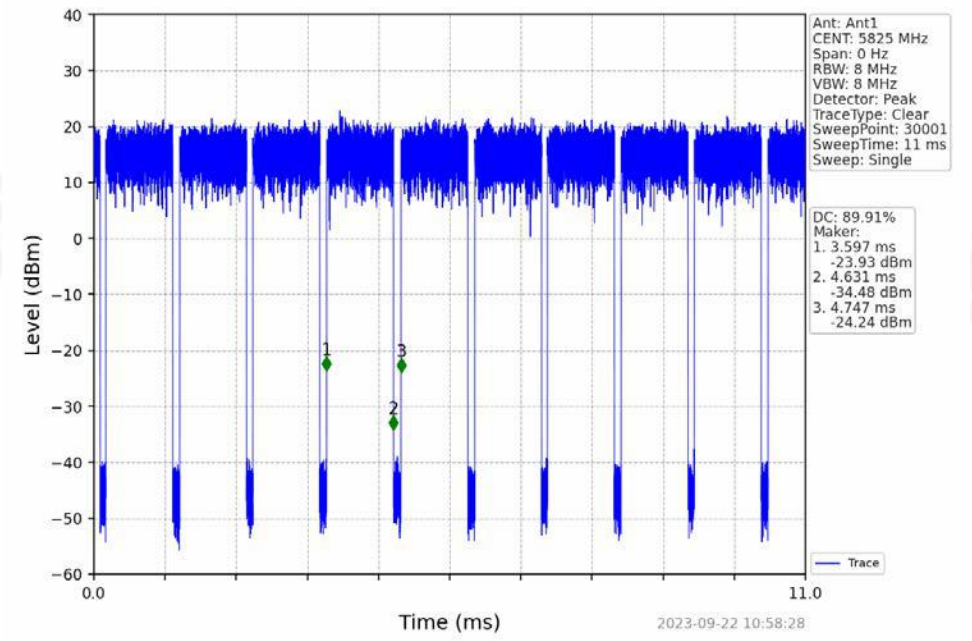
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_NTNV



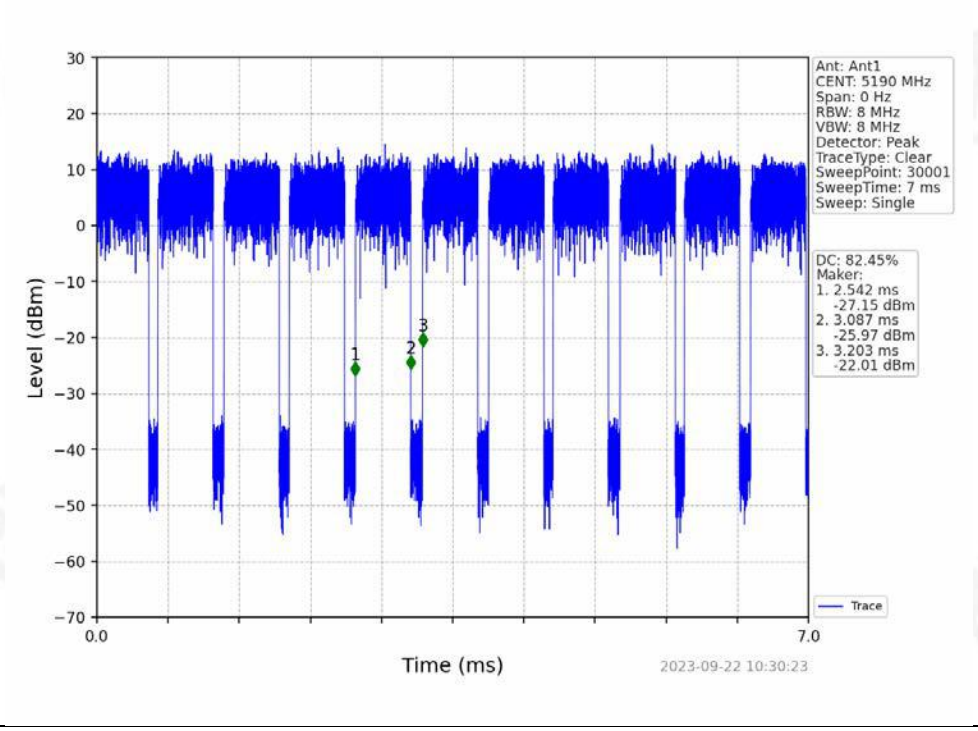
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_NTNV



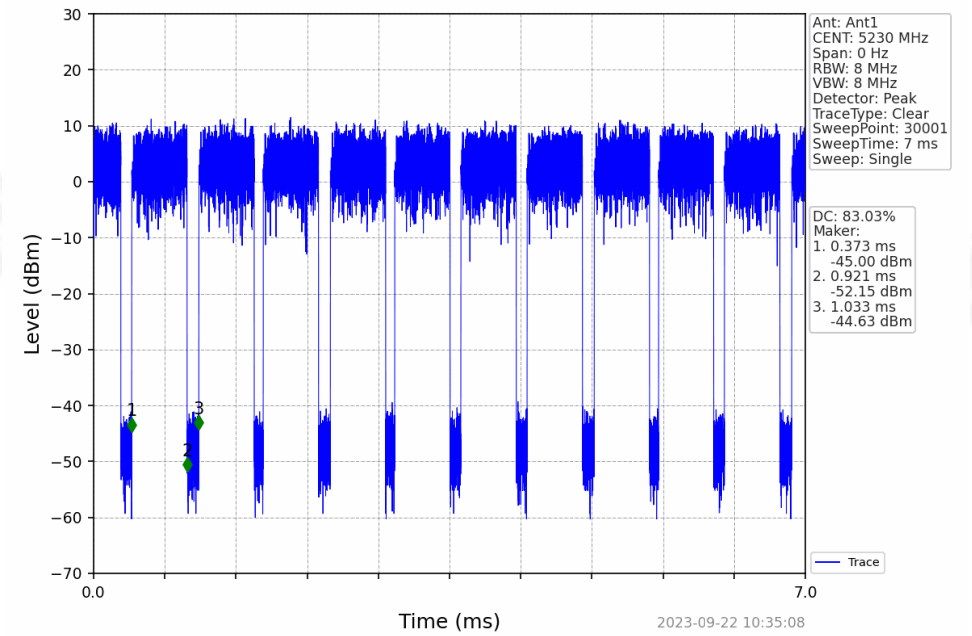
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_NTNV



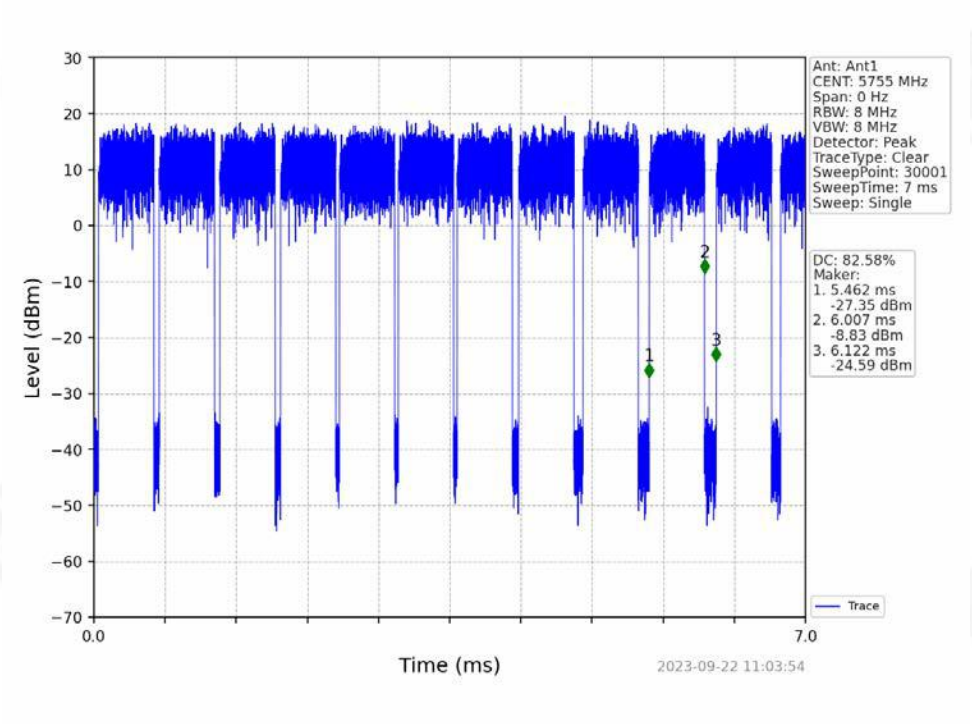
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_NTNV



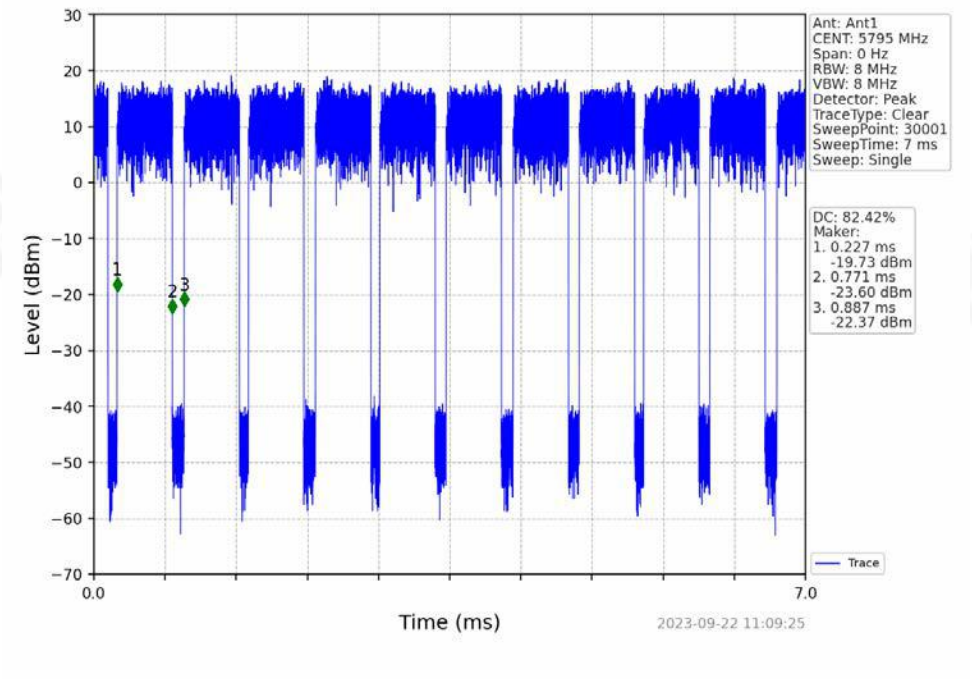
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_NTNV



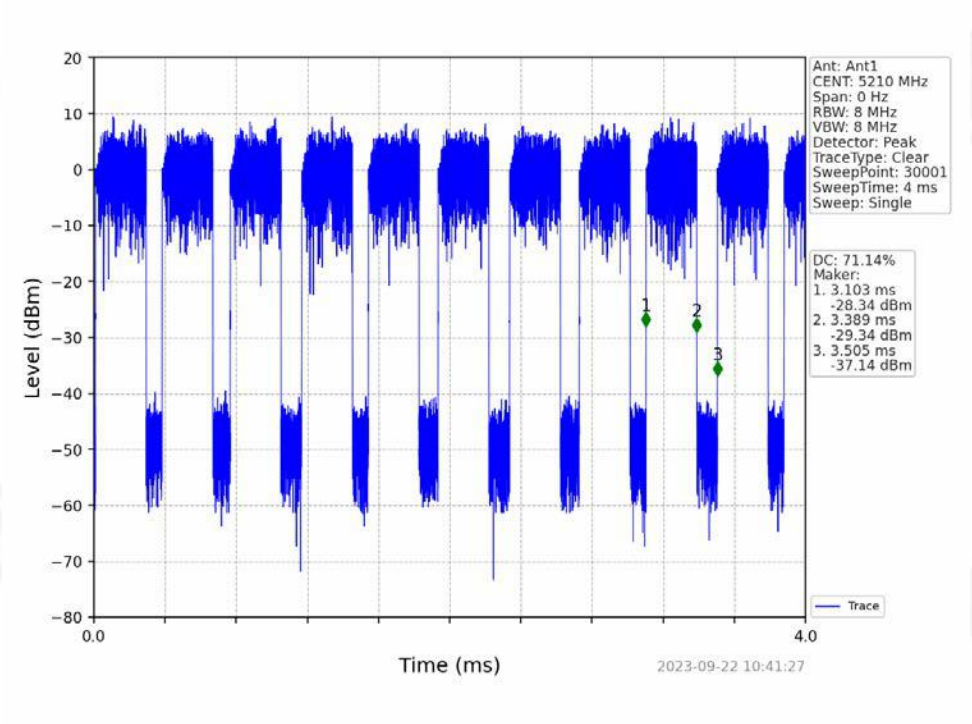
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_NTNV



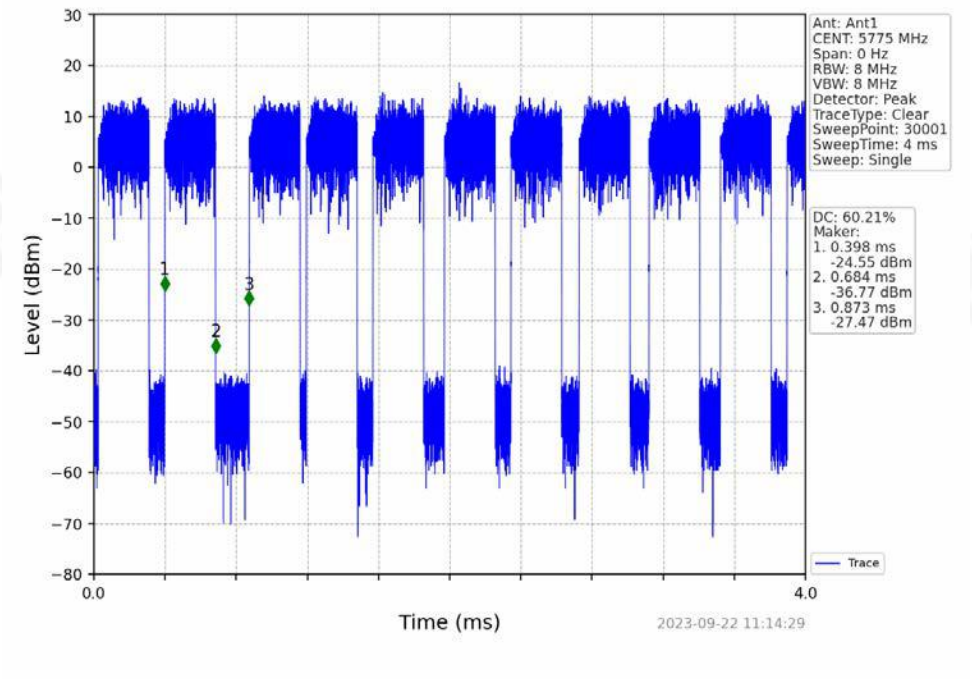
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_NTNV



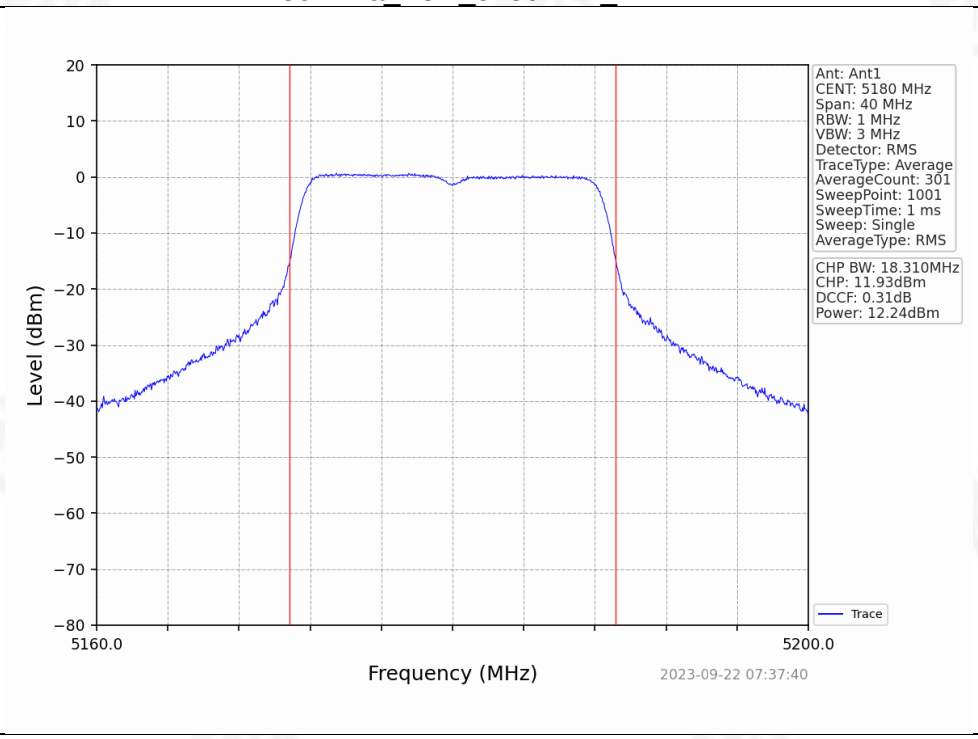
802.11ax(HEW80)_MCH_5775MHz_RU996_Left_NTNV



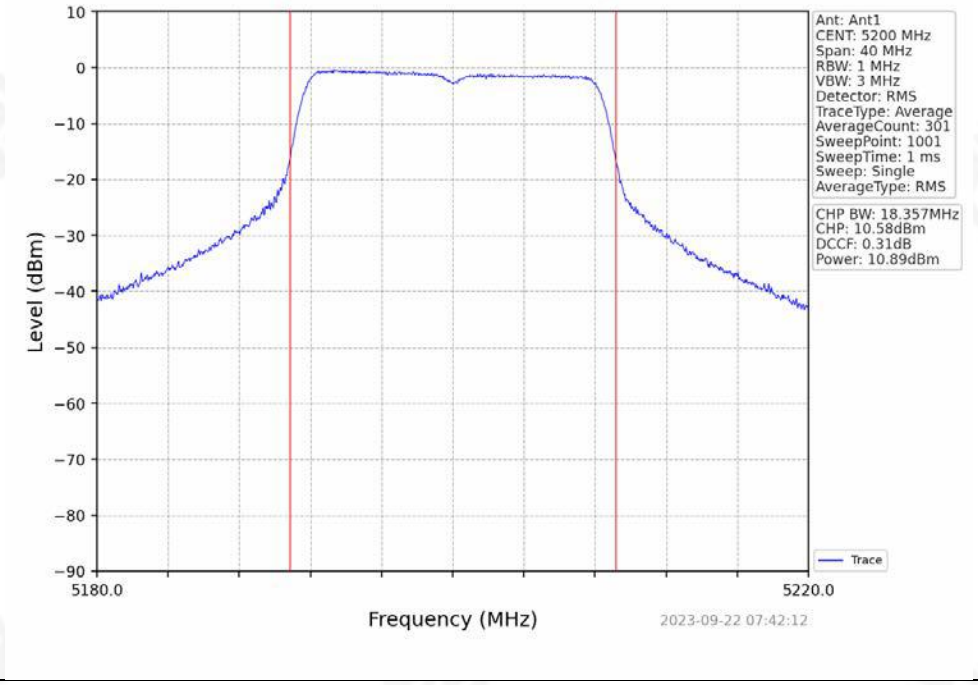
Antenna 2:

Output Power:

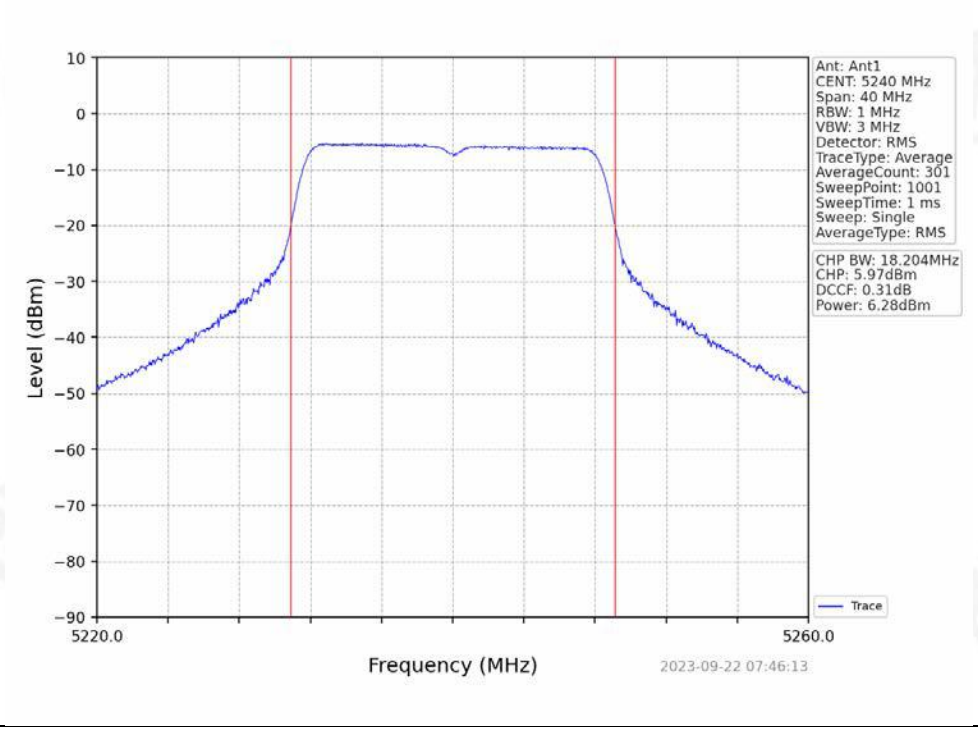
802.11a_LCH_5180MHz_NTNV



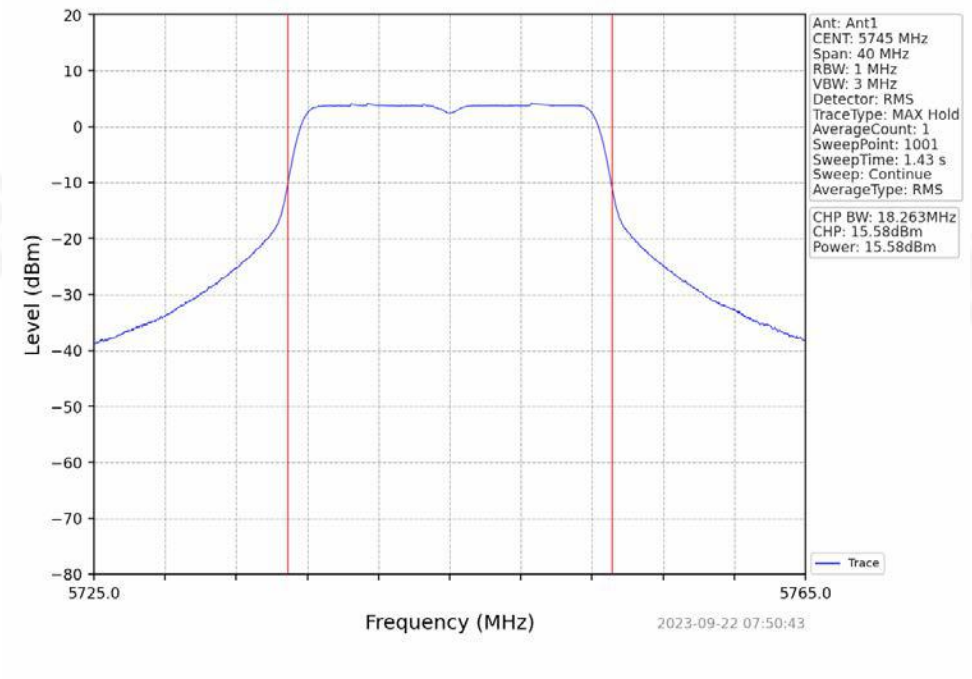
802.11a_MCH_5200MHz_NTNV



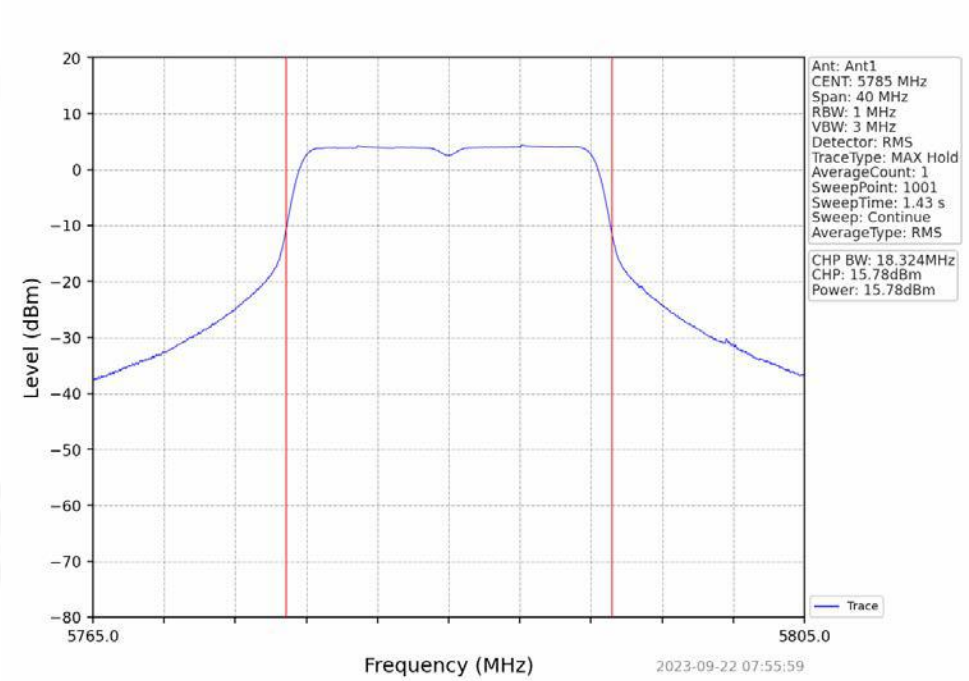
802.11a_HCH_5240MHz_NTNV



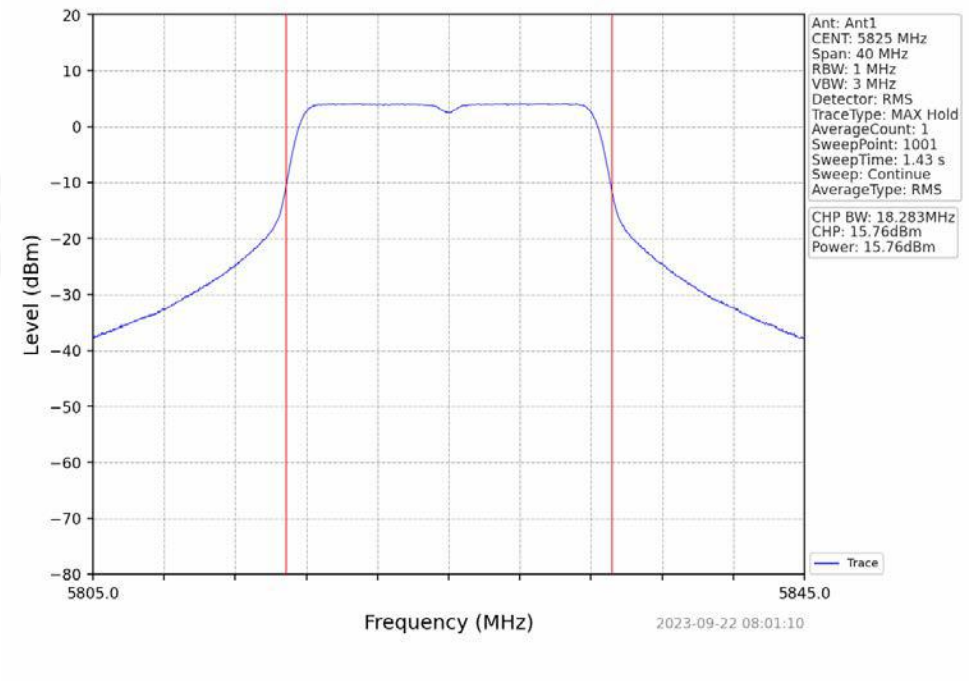
802.11a_LCH_5745MHz_NTNV



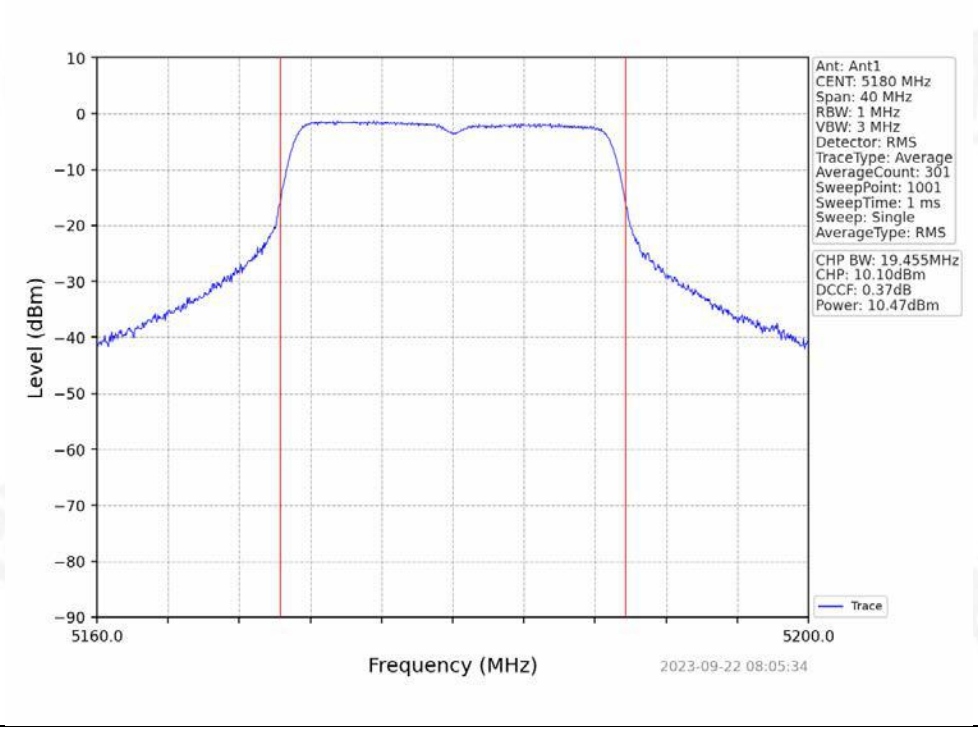
802.11a_MCH_5785MHz_NTNV



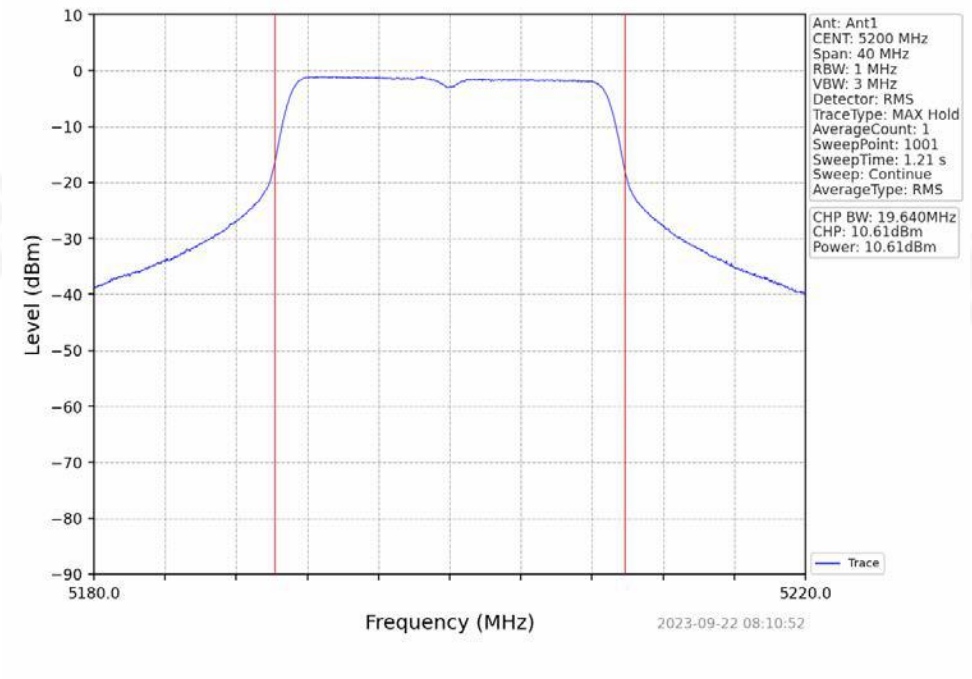
802.11a_HCH_5825MHz_NTNV



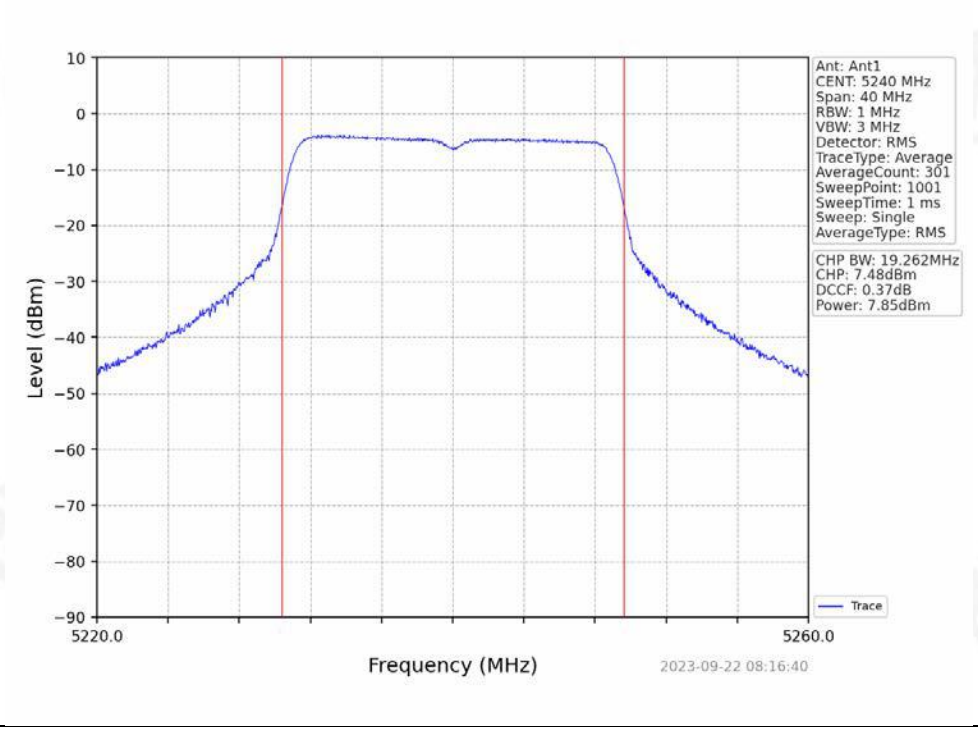
802.11n(HT20)_LCH_5180MHz_NTNV



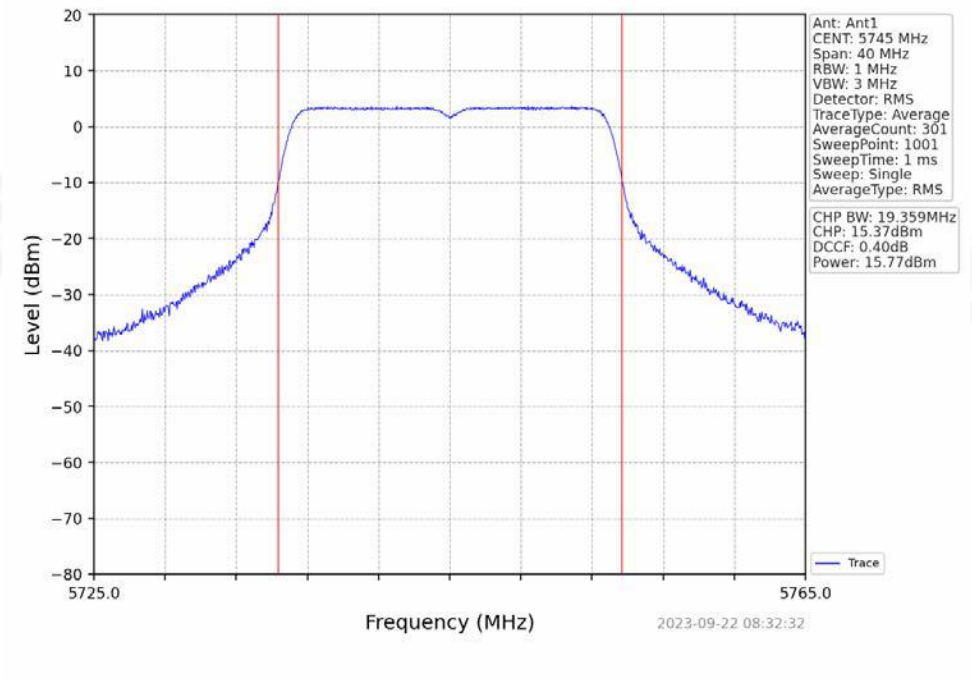
802.11n(HT20)_MCH_5200MHz_NTNV



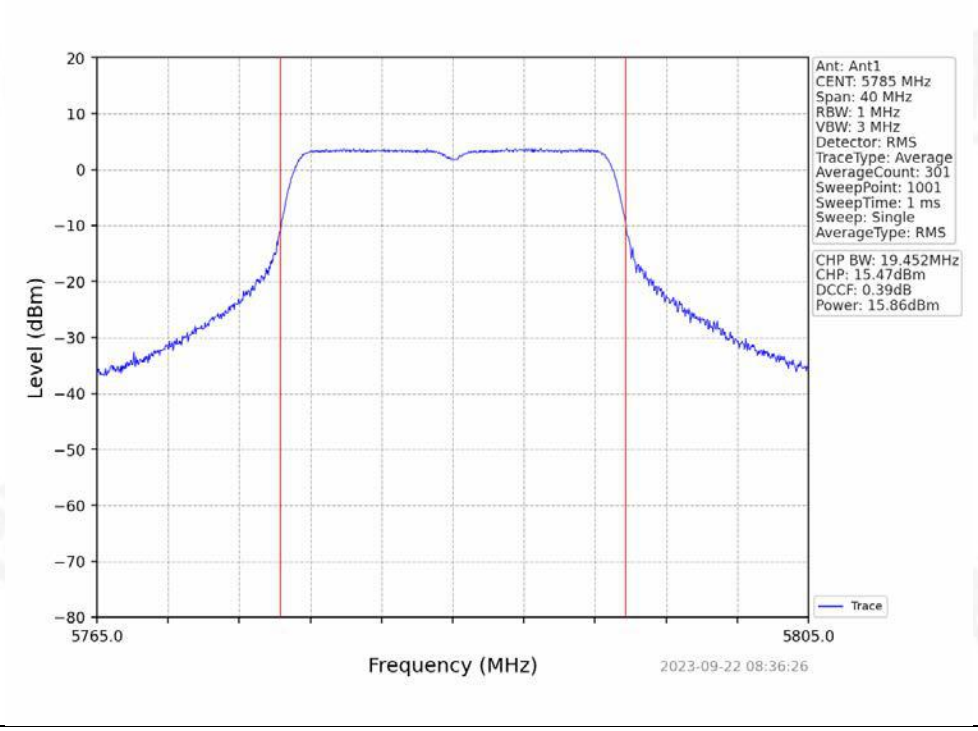
802.11n(HT20)_HCH_5240MHz_NTNV



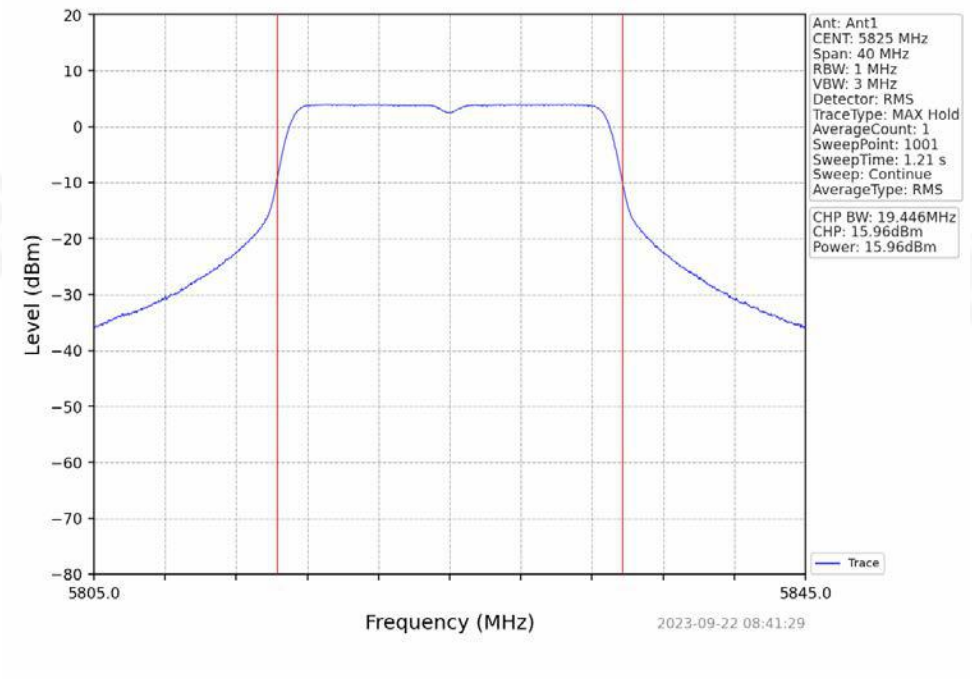
802.11n(HT20)_LCH_5745MHz_NTNV



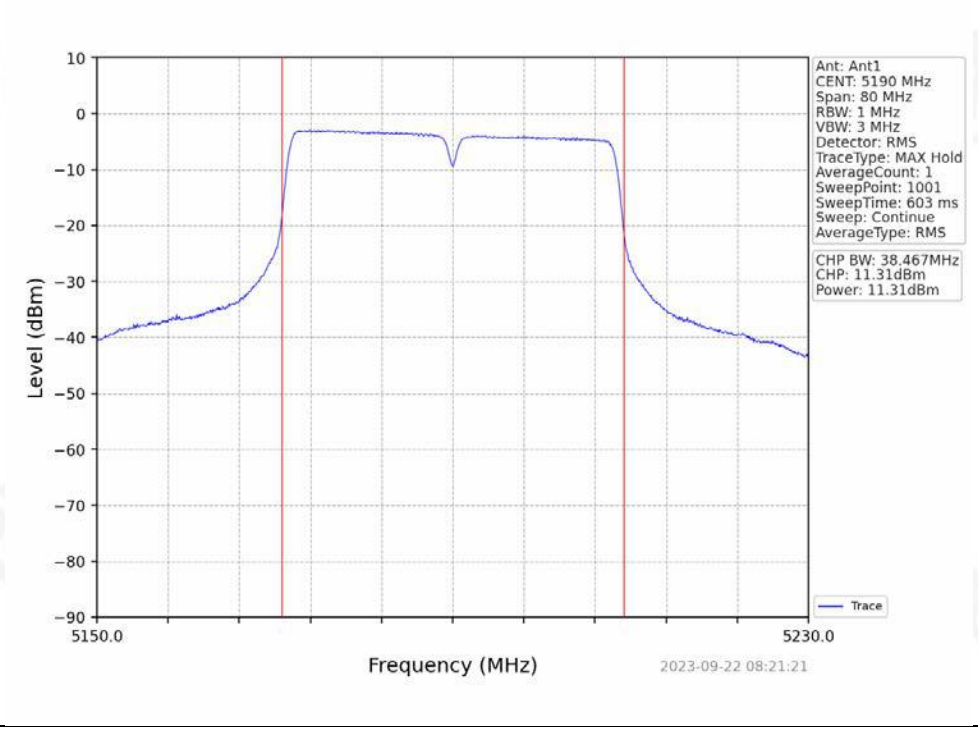
802.11n(HT20)_MCH_5785MHz_NTNV



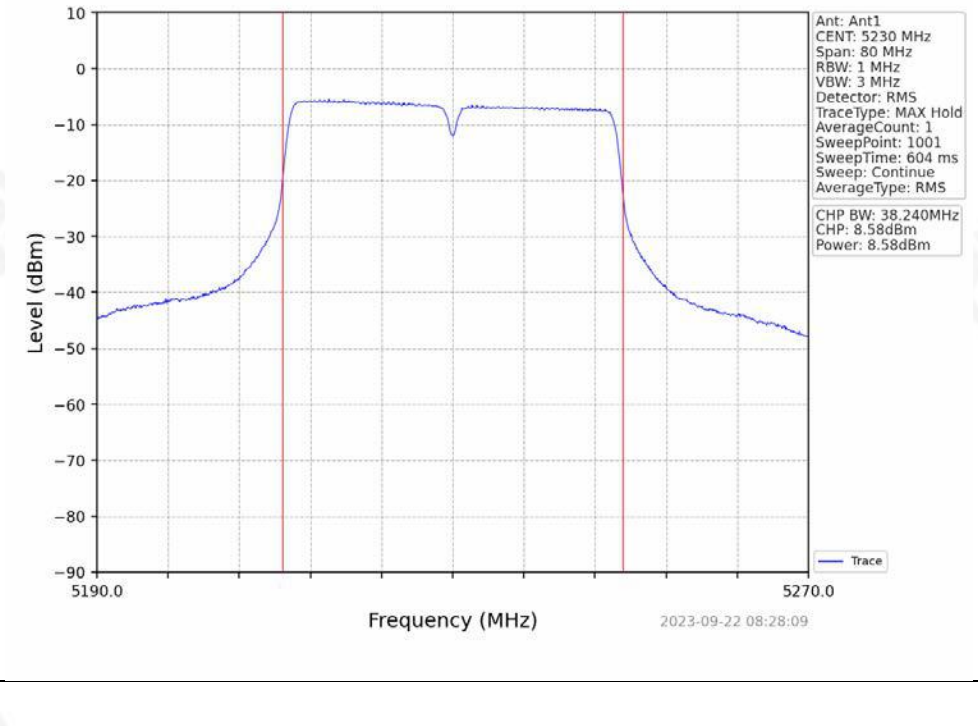
802.11n(HT20)_HCH_5825MHz_NTNV



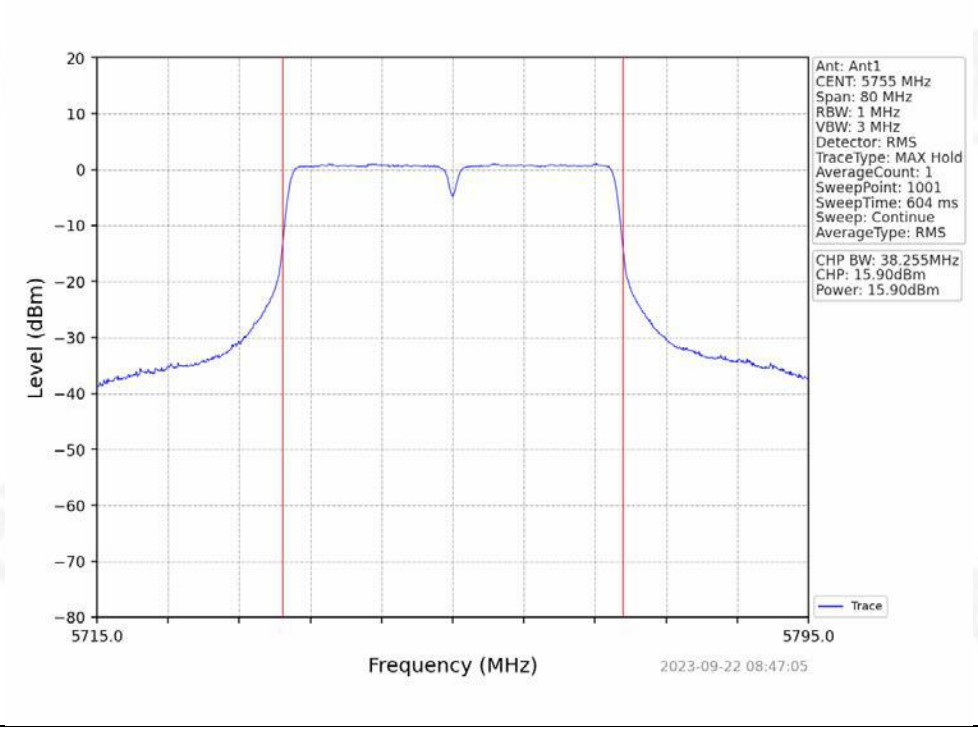
802.11n(HT40)_LCH_5190MHz_NTNV



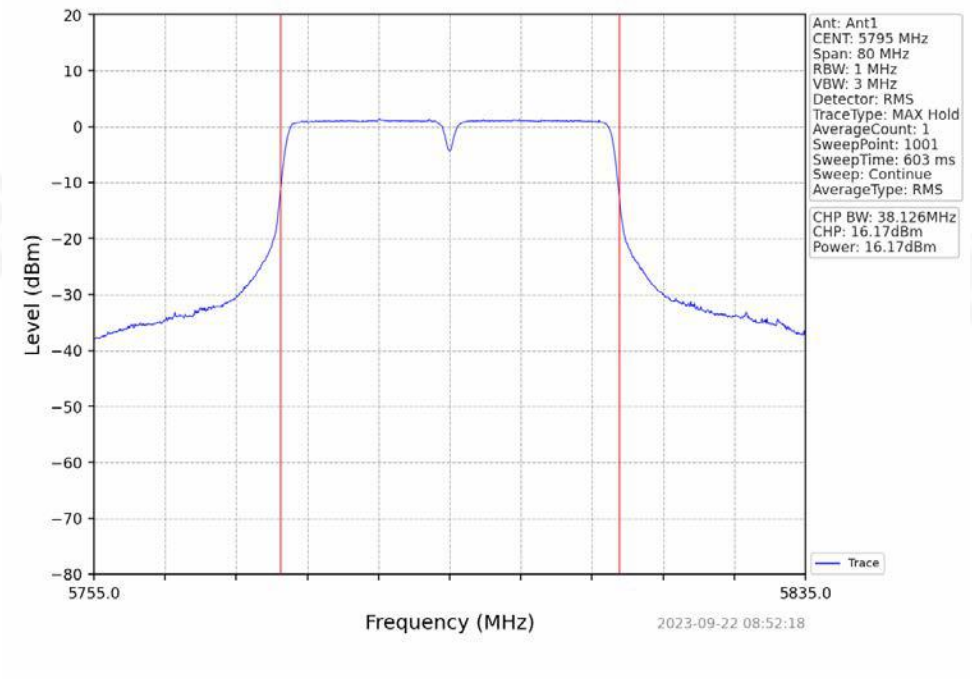
802.11n(HT40)_HCH_5230MHz_NTNV



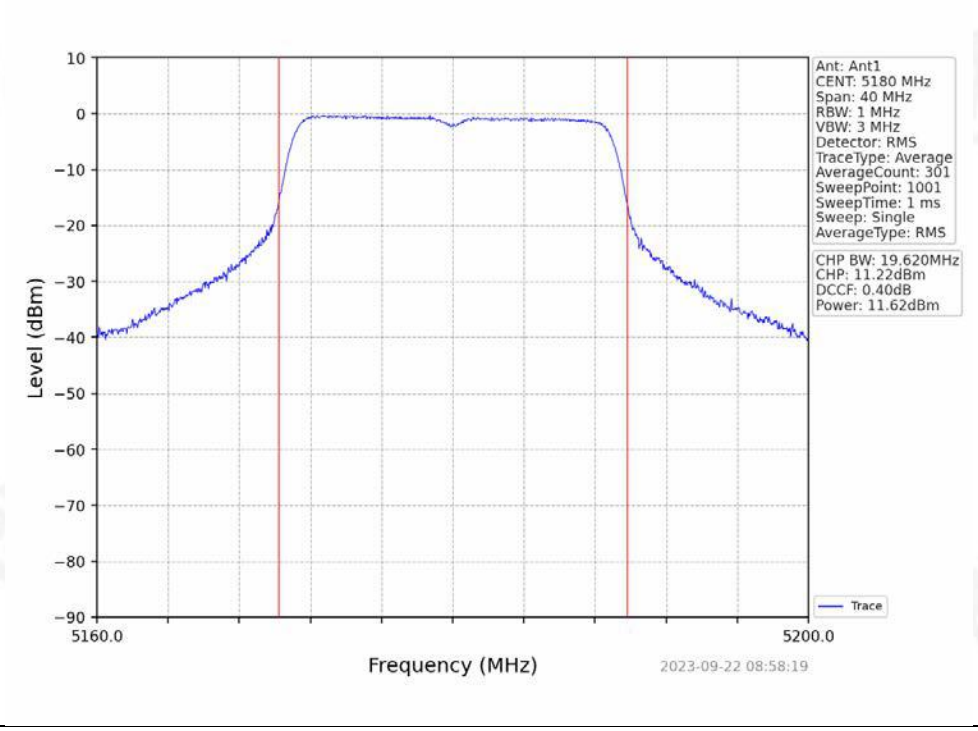
802.11n(HT40)_LCH_5755MHz_NTNV



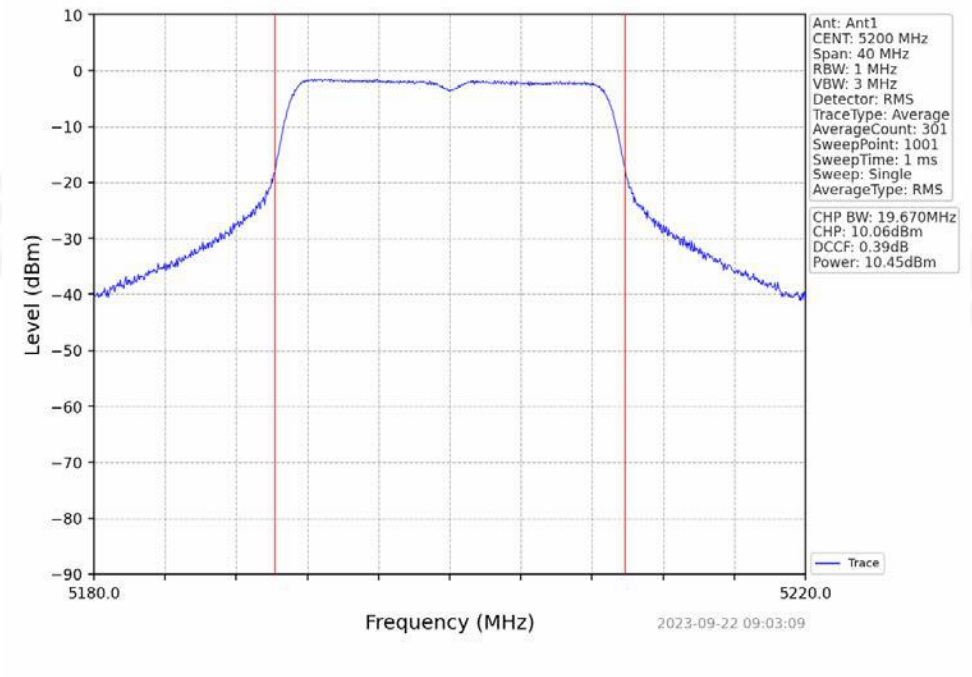
802.11n(HT40)_HCH_5795MHz_NTNV



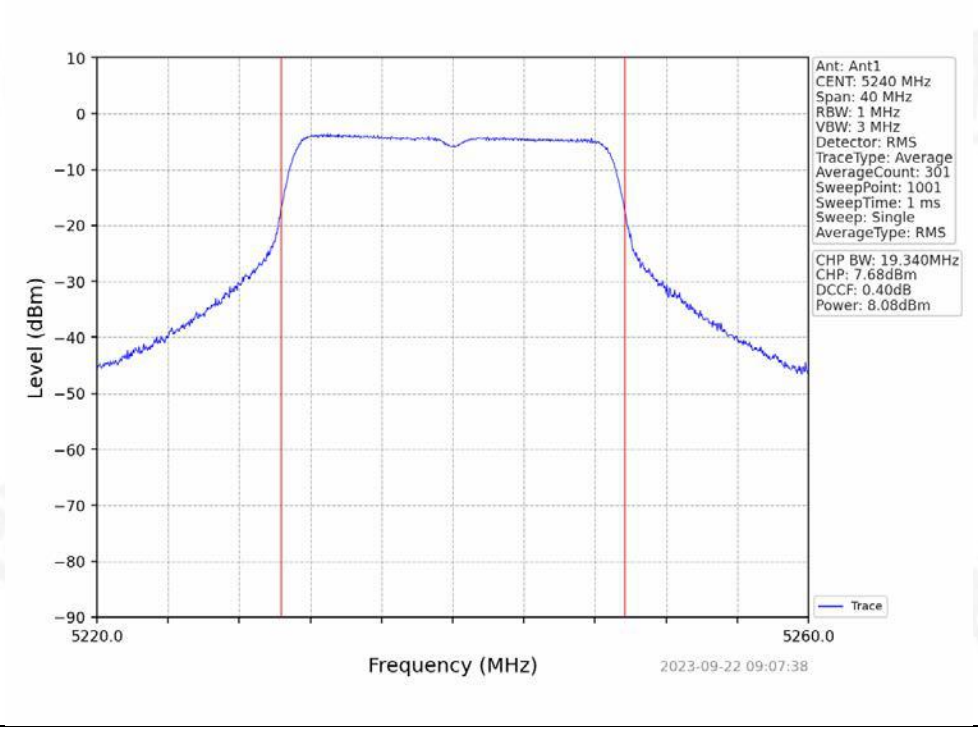
802.11ac(VHT20)_LCH_5180MHz_NTNV



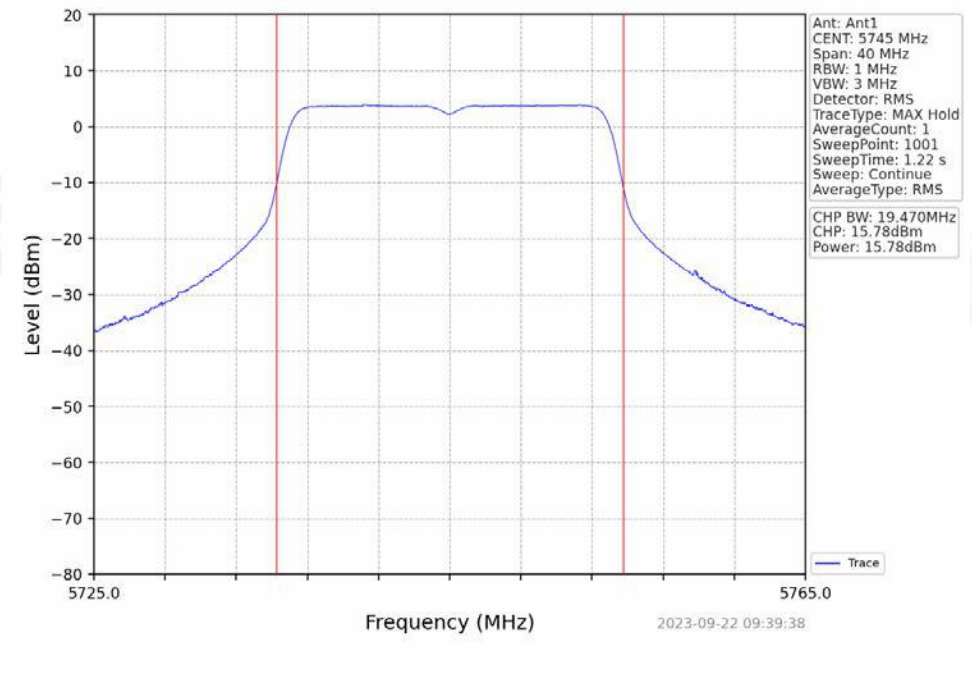
802.11ac(VHT20)_MCH_5200MHz_NTNV



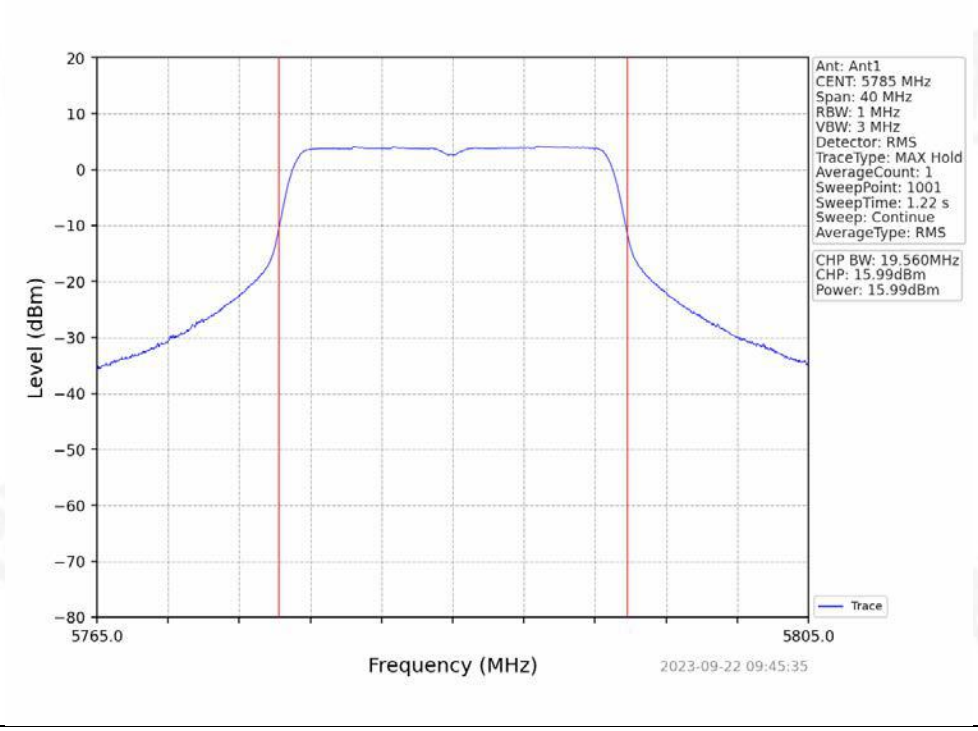
802.11ac(VHT20)_HCH_5240MHz_NTNV



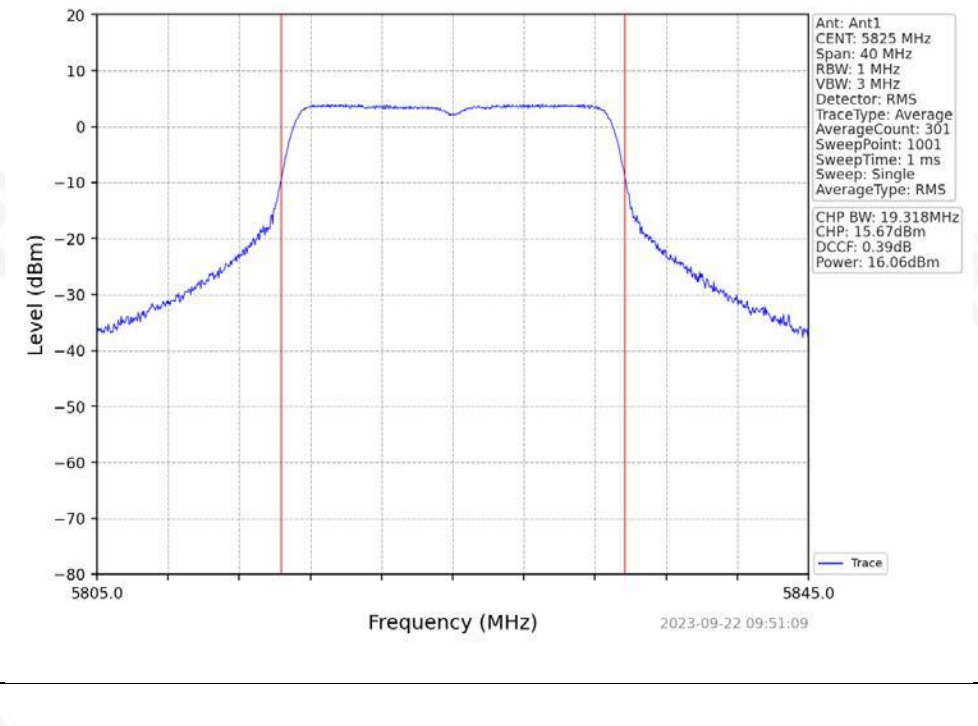
802.11ac(VHT20)_LCH_5745MHz_NTNV



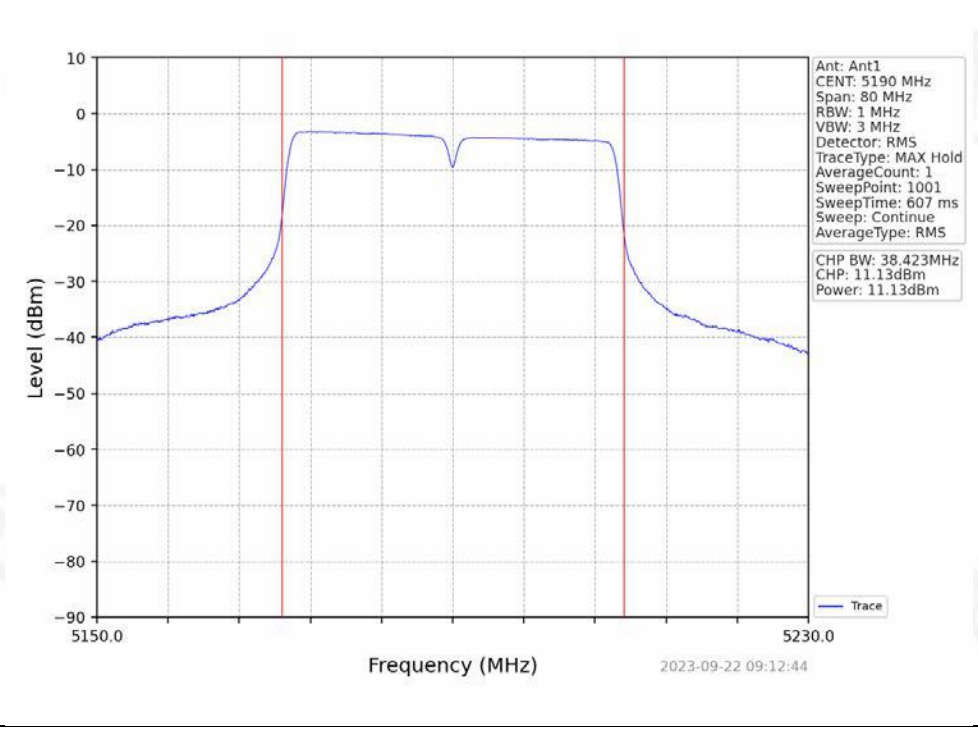
802.11ac(VHT20)_MCH_5785MHz_NTNV



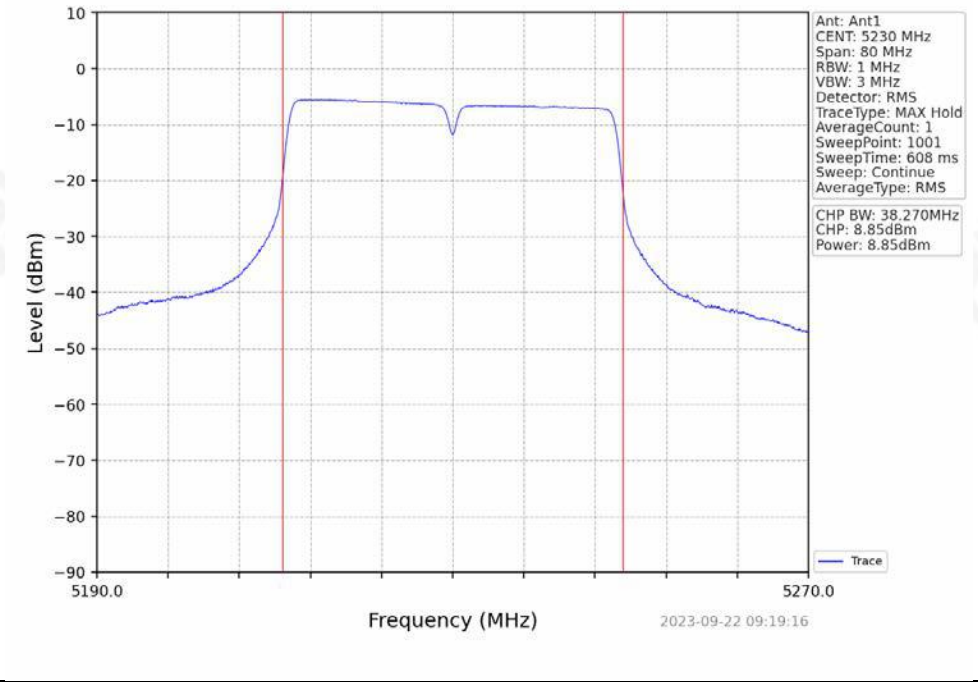
802.11ac(VHT20)_HCH_5825MHz_NTNV



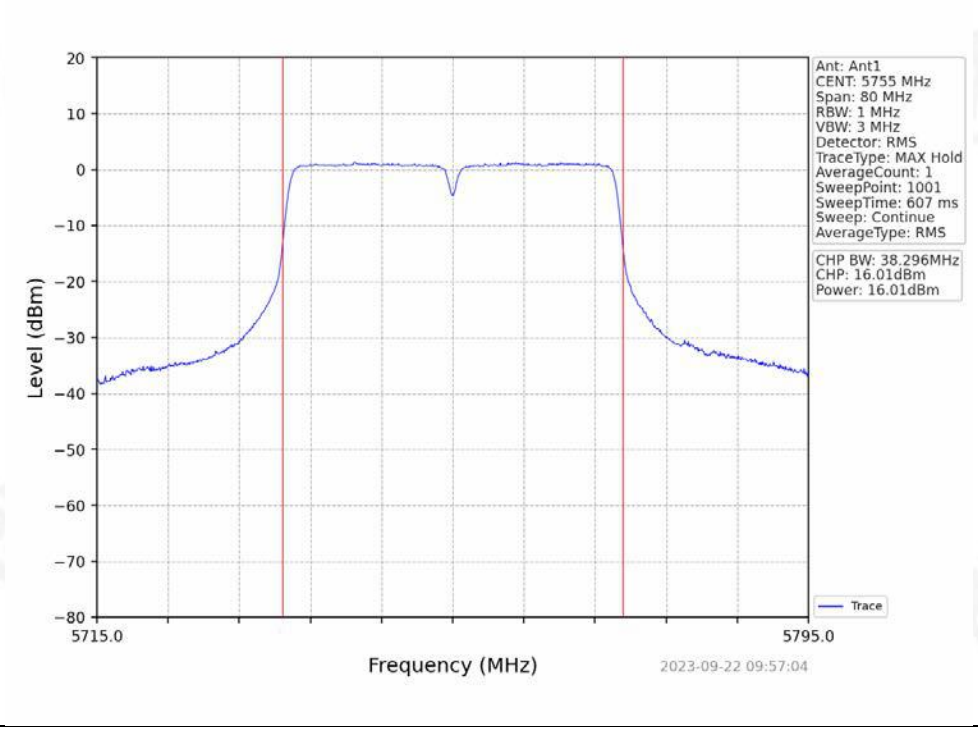
802.11ac(VHT40)_LCH_5190MHz_NTNV



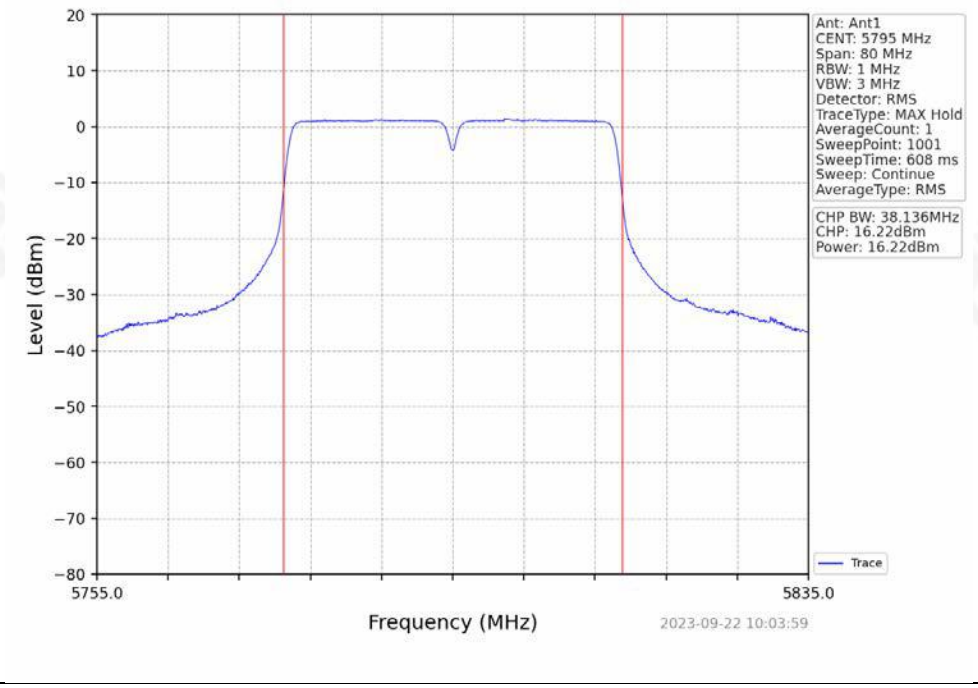
802.11ac(VHT40)_HCH_5230MHz_NTNV



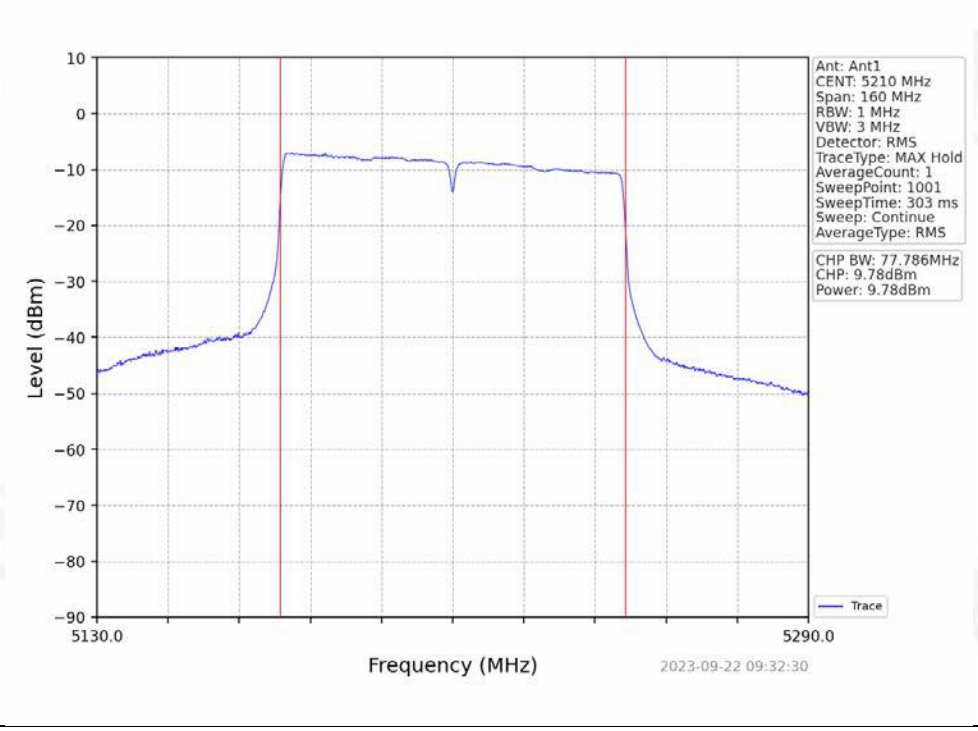
802.11ac(VHT40)_LCH_5755MHz_NTNV



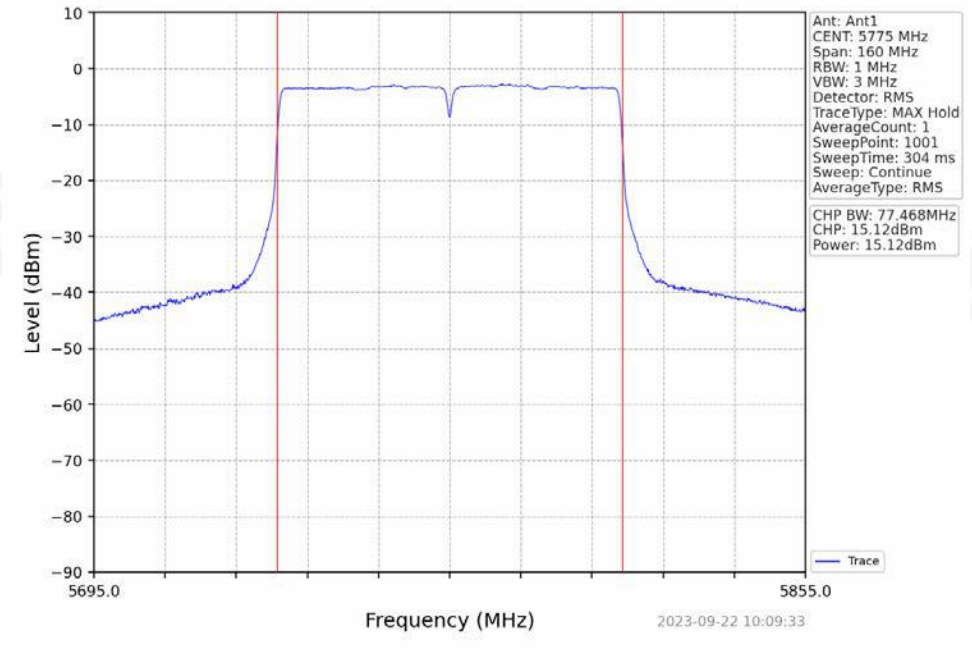
802.11ac(VHT40)_HCH_5795MHz_NTNV



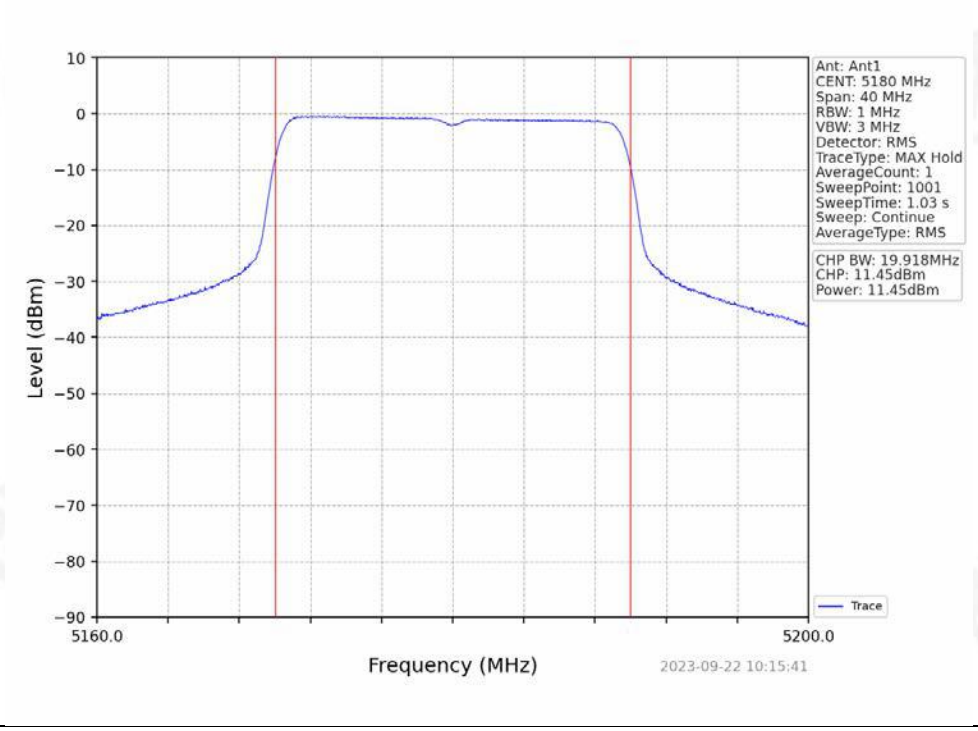
802.11ac(VHT80)_MCH_5210MHz_NTNV



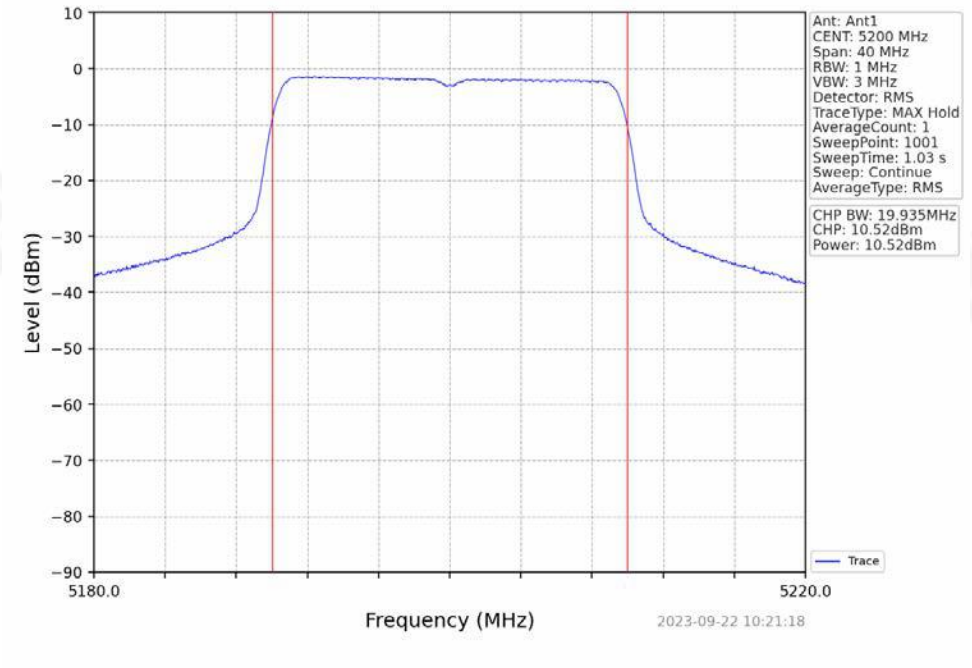
802.11ac(VHT80)_MCH_5775MHz_NTNV



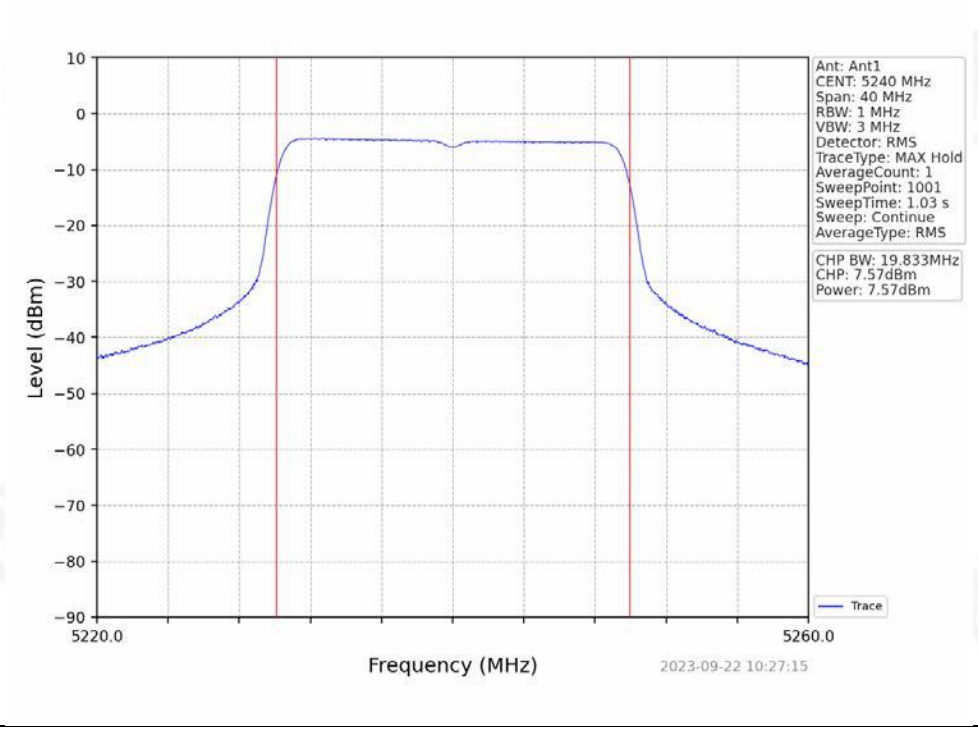
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_NTNV



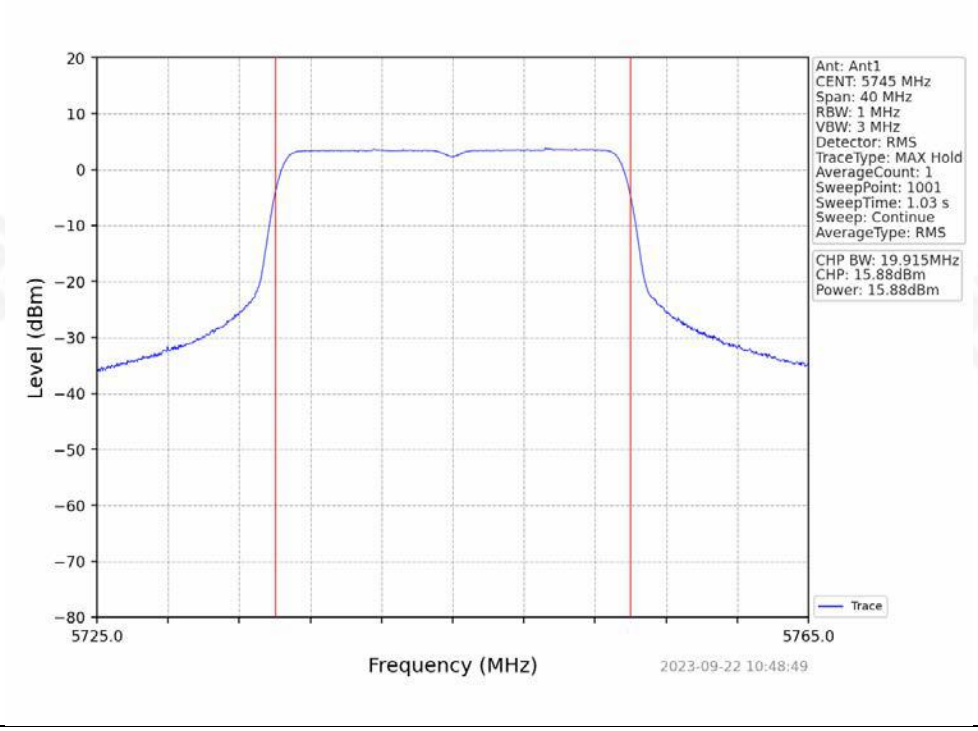
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_NTNV



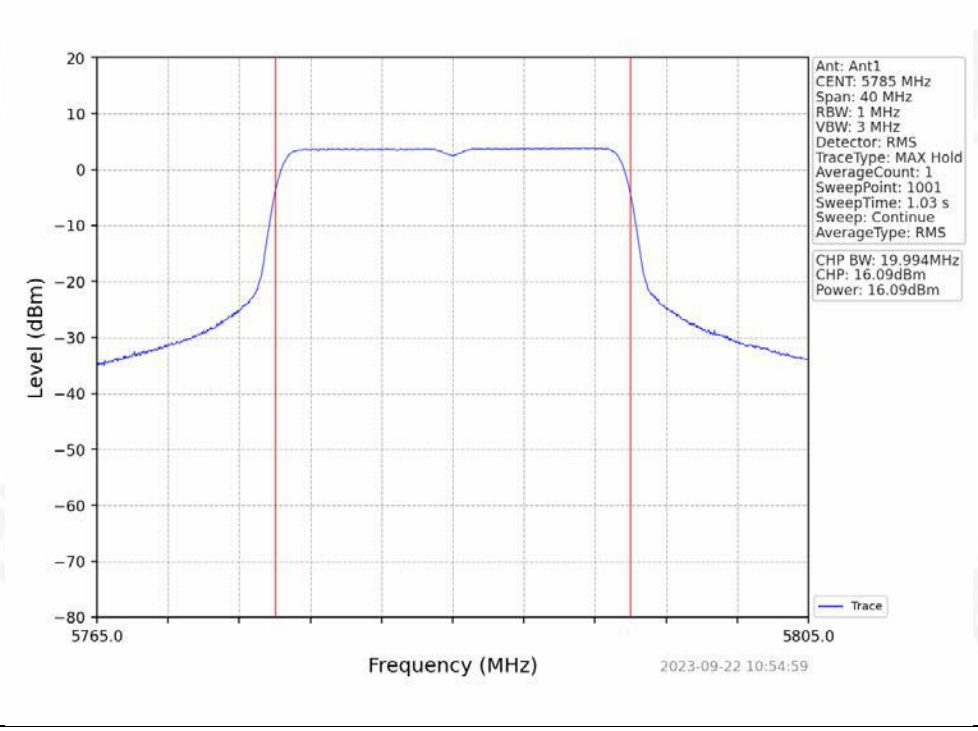
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_NTNV



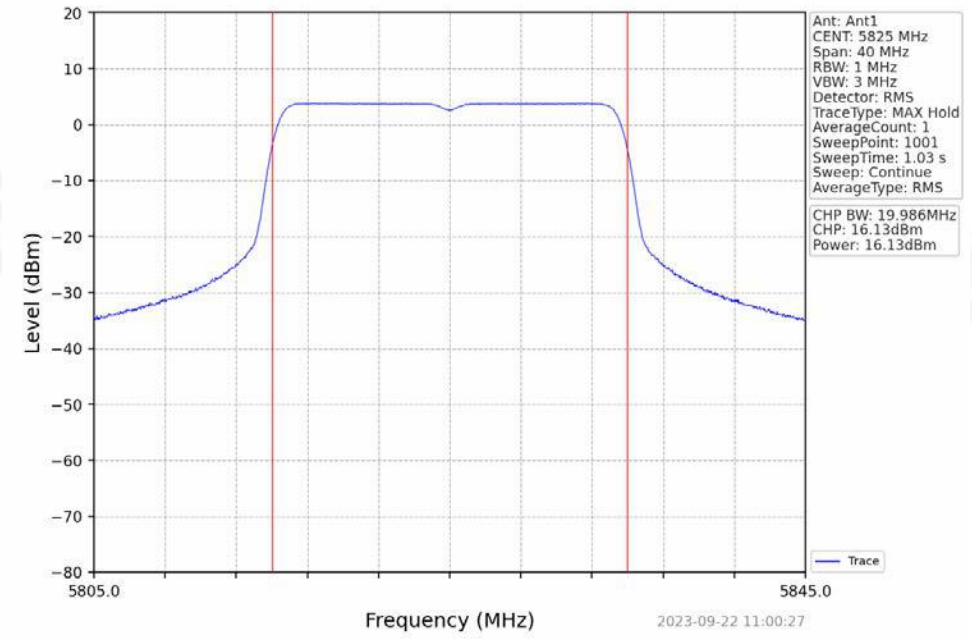
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_NTNV



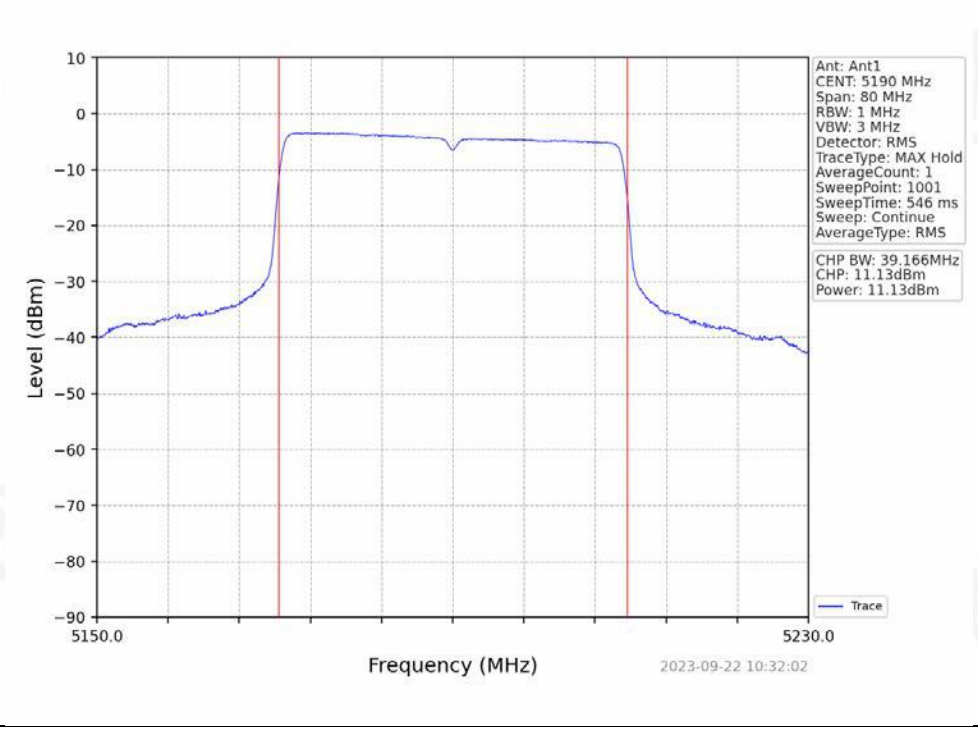
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_NTNV



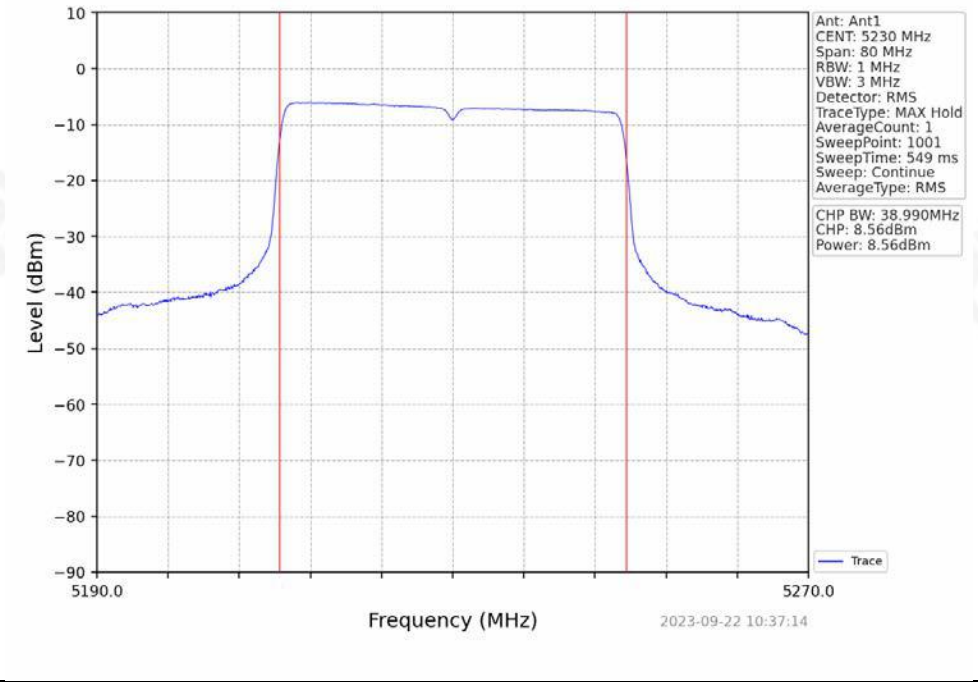
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_NTNV



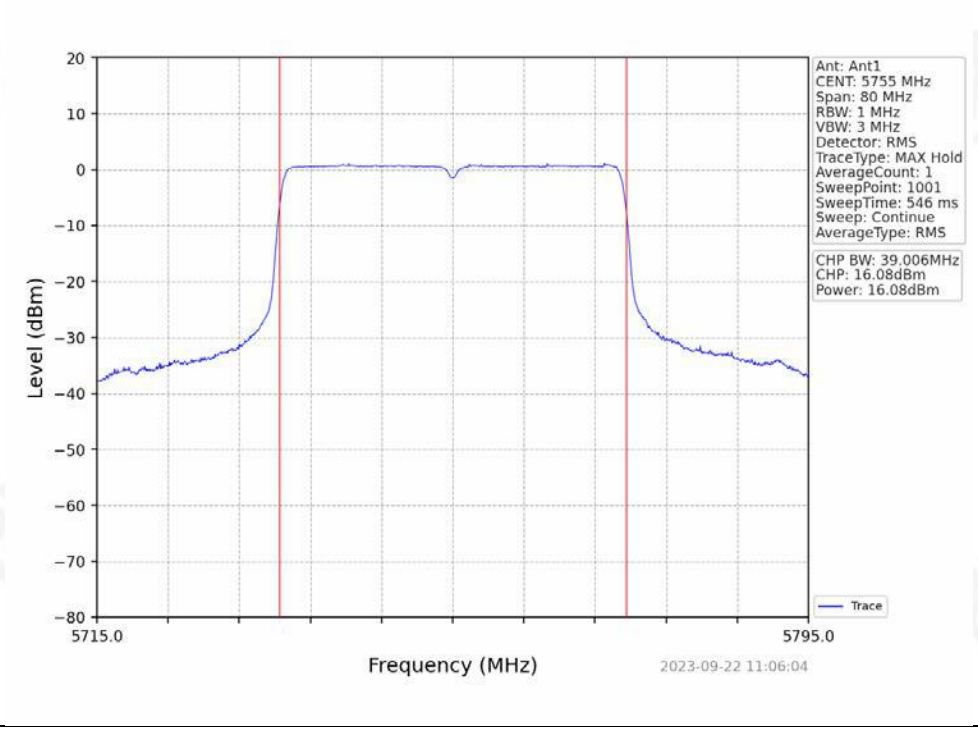
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_NTNV



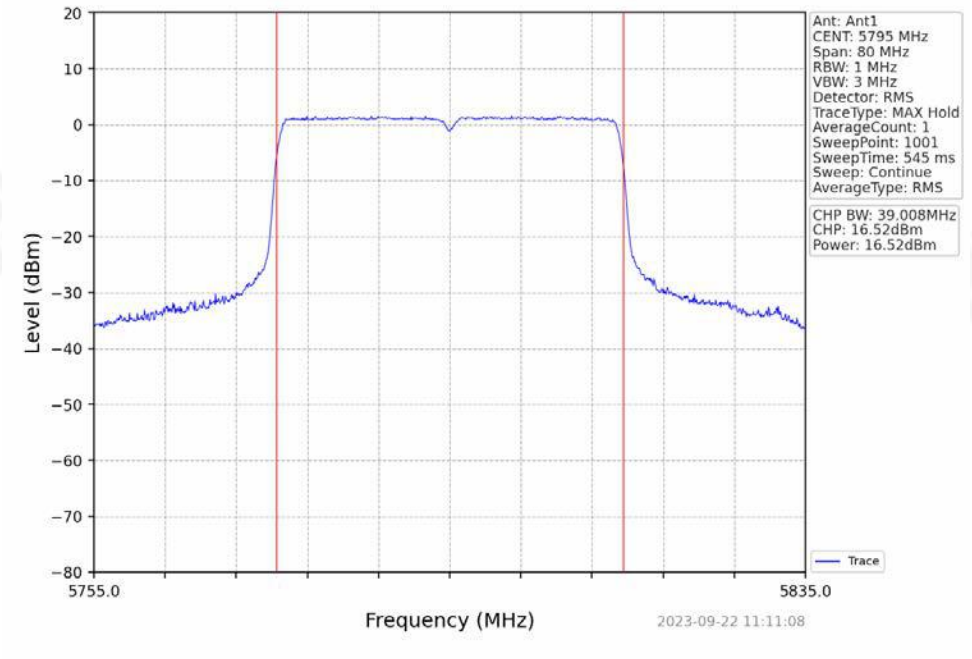
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_NTNV



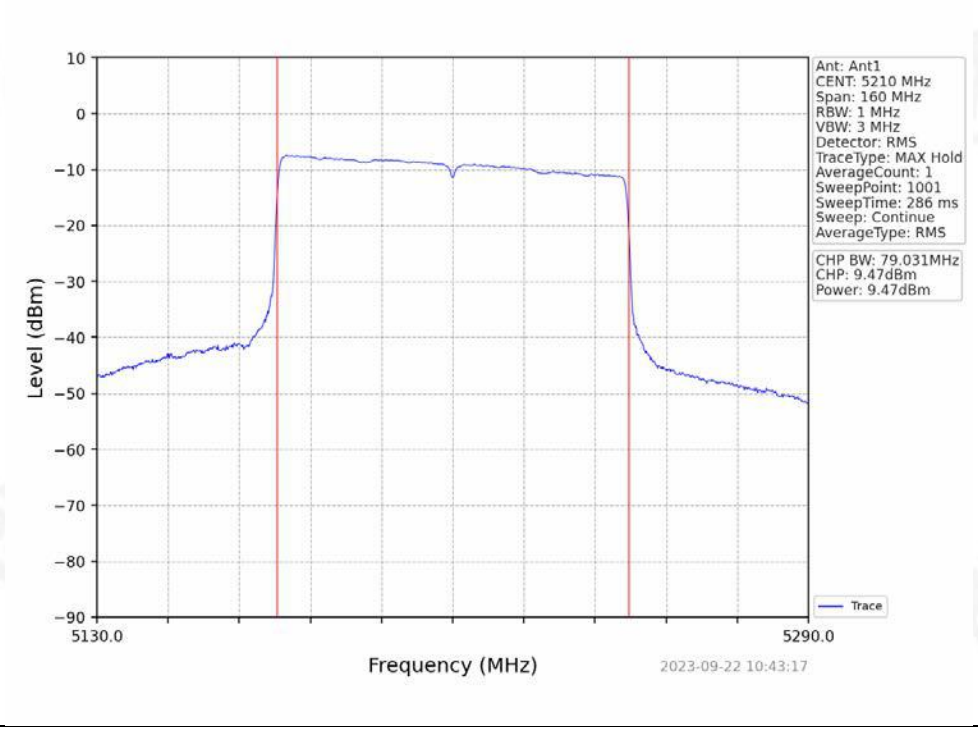
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_NTNV



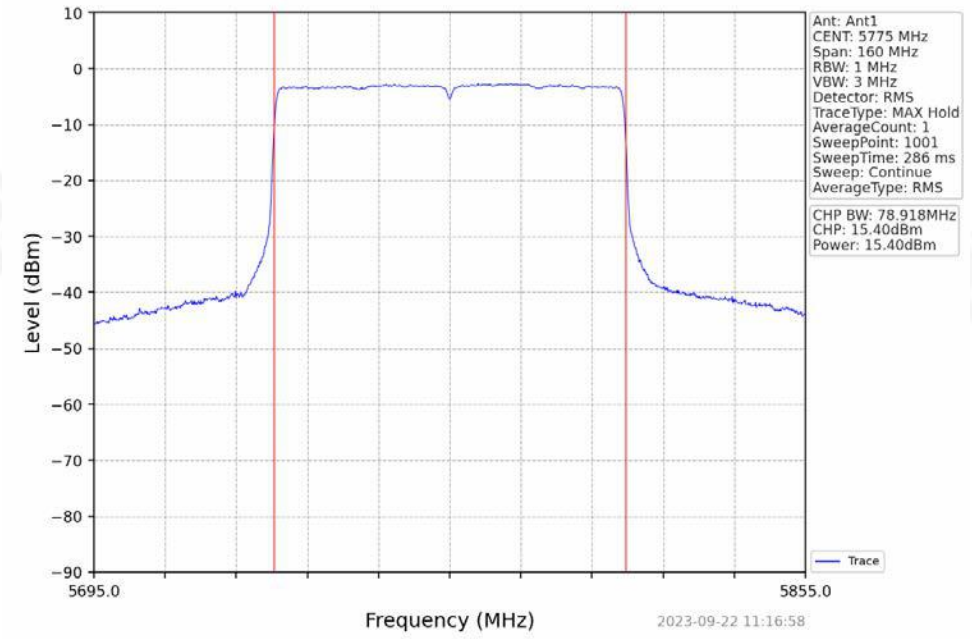
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_NTNV



8.OUT OF BAND EMISSIONS

8.1 APPLICABLE STANDARD

According to FCC §15.407(b)

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of −27 dBm/MHz.

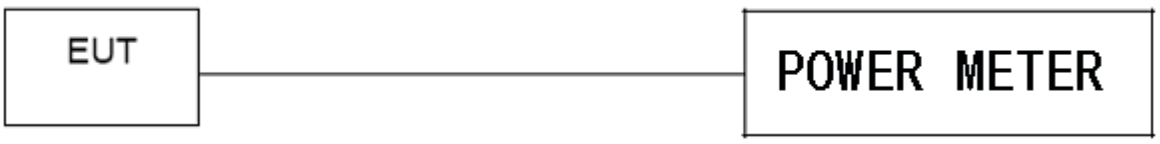
8.2 TEST PROCEDURE

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 1 MHz with a convenient frequency span.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

8.6 TEST RESULTS

Temperature：	26 ℃	Relative Humidity：	54%
Pressure：	1012 hPa	Test Voltage ：	DC 3.8V

Radiated Band Edge:

Test Mode: 802.11a								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	47.28	28.65	13.58	31.04	58.47	74.00	-15.53	H
5350.00	47.02	29.16	14.68	31.96	58.90	74.00	-15.10	H
5150.00	46.49	28.65	13.58	31.04	57.68	74.00	-16.32	V
5350.00	46.39	29.16	14.68	31.96	58.27	74.00	-15.73	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	33.59	28.65	13.58	31.04	44.78	54.00	-9.22	H
5350.00	33.78	29.16	14.68	31.96	45.66	54.00	-8.34	H
5150.00	33.11	28.65	13.58	31.04	44.30	54.00	-9.70	V
5350.00	32.16	29.16	14.68	31.96	44.04	54.00	-9.96	V

Test Mode: 802.11n20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	45.20	28.65	13.58	31.04	56.39	74.00	-17.61	H
5350.00	47.16	29.16	14.68	31.96	59.04	74.00	-14.96	H
5150.00	48.32	28.65	13.58	31.04	59.51	74.00	-14.49	V
5350.00	49.00	29.16	14.68	31.96	60.88	74.00	-13.12	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	34.19	28.65	13.58	31.04	45.38	54.00	-8.62	H
5350.00	33.73	29.16	14.68	31.96	45.61	54.00	-8.39	H
5150.00	33.57	28.65	13.58	31.04	44.76	54.00	-9.24	V
5350.00	34.75	29.16	14.68	31.96	46.63	54.00	-7.37	V

Test Mode: 802.11ac20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	47.95	28.65	13.58	31.04	59.14	74.00	-14.86	H
5350.00	45.62	29.16	14.68	31.96	57.50	74.00	-16.50	H
5150.00	48.22	28.65	13.58	31.04	59.41	74.00	-14.59	V
5350.00	46.71	29.16	14.68	31.96	58.59	74.00	-15.41	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	32.11	28.65	13.58	31.04	43.30	54.00	-10.70	H
5350.00	34.53	29.16	14.68	31.96	46.41	54.00	-7.59	H
5150.00	32.50	28.65	13.58	31.04	43.69	54.00	-10.31	V
5350.00	34.62	29.16	14.68	31.96	46.50	54.00	-7.50	V

Test Mode: 802.11n40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	46.25	28.65	13.58	31.04	57.44	74.00	-16.56	H
5350.00	46.55	29.16	14.68	31.96	58.43	74.00	-15.57	H
5150.00	47.26	28.65	13.58	31.04	58.45	74.00	-15.55	V
5350.00	48.51	29.16	14.68	31.96	60.39	74.00	-13.61	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	32.36	28.65	13.58	31.04	43.55	54.00	-10.45	H
5350.00	34.07	29.16	14.68	31.96	45.95	54.00	-8.05	H
5150.00	34.95	28.65	13.58	31.04	46.14	54.00	-7.86	V
5350.00	32.15	29.16	14.68	31.96	44.03	54.00	-9.97	V

Test Mode: 802.11ac40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	47.59	28.65	13.58	31.04	58.78	74.00	-15.22	H
5350.00	48.55	29.16	14.68	31.96	60.43	74.00	-13.57	H
5150.00	46.80	28.65	13.58	31.04	57.99	74.00	-16.01	V
5350.00	46.09	29.16	14.68	31.96	57.97	74.00	-16.03	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	33.45	28.65	13.58	31.04	44.64	54.00	-9.36	H
5350.00	34.06	29.16	14.68	31.96	45.94	54.00	-8.06	H
5150.00	34.02	28.65	13.58	31.04	45.21	54.00	-8.79	V
5350.00	34.91	29.16	14.68	31.96	46.79	54.00	-7.21	V

Test Mode: 802.11ac80								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	45.00	28.65	13.58	31.04	56.19	74.00	-17.81	H
5350.00	47.38	29.16	14.68	31.96	59.26	74.00	-14.74	H
5150.00	48.51	28.65	13.58	31.04	59.70	74.00	-14.30	V
5350.00	45.07	29.16	14.68	31.96	56.95	74.00	-17.05	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	32.21	28.65	13.58	31.04	43.40	54.00	-10.60	H
5350.00	32.70	29.16	14.68	31.96	44.58	54.00	-9.42	H
5150.00	34.64	28.65	13.58	31.04	45.83	54.00	-8.17	V
5350.00	32.34	29.16	14.68	31.96	44.22	54.00	-9.78	V

Test Mode: 802.11ax20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	45.14	28.65	13.58	31.04	56.33	74.00	-17.67	H
5350.00	45.27	29.16	14.68	31.96	57.15	74.00	-16.85	H
5150.00	46.98	28.65	13.58	31.04	58.17	74.00	-15.83	V
5350.00	48.41	29.16	14.68	31.96	60.29	74.00	-13.71	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	32.11	28.65	13.58	31.04	43.30	54.00	-10.70	H
5350.00	33.38	29.16	14.68	31.96	45.26	54.00	-8.74	H
5150.00	34.78	28.65	13.58	31.04	45.97	54.00	-8.03	V
5350.00	33.59	29.16	14.68	31.96	45.47	54.00	-8.53	V

Test Mode: 802.11ax40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	45.52	28.65	13.58	31.04	56.71	74.00	-17.29	H
5350.00	46.68	29.16	14.68	31.96	58.56	74.00	-15.44	H
5150.00	48.96	28.65	13.58	31.04	60.15	74.00	-13.85	V
5350.00	46.29	29.16	14.68	31.96	58.17	74.00	-15.83	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	33.51	28.65	13.58	31.04	44.70	54.00	-9.30	H
5350.00	34.35	29.16	14.68	31.96	46.23	54.00	-7.77	H
5150.00	34.36	28.65	13.58	31.04	45.55	54.00	-8.45	V
5350.00	34.62	29.16	14.68	31.96	46.50	54.00	-7.50	V

Test Mode: 802.11ax80								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	48.67	28.65	13.58	31.04	59.86	74.00	-14.14	H
5350.00	46.11	29.16	14.68	31.96	57.99	74.00	-16.01	H
5150.00	47.45	28.65	13.58	31.04	58.64	74.00	-15.36	V
5350.00	45.96	29.16	14.68	31.96	57.84	74.00	-16.16	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	32.06	28.65	13.58	31.04	43.25	54.00	-10.75	H
5350.00	33.52	29.16	14.68	31.96	45.40	54.00	-8.60	H
5150.00	32.68	28.65	13.58	31.04	43.87	54.00	-10.13	V
5350.00	32.63	29.16	14.68	31.96	44.51	54.00	-9.49	V

Test Mode: 802.11a								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	45.10	28.65	13.58	31.04	56.29	68.20	-11.91	H
5850.00	46.52	29.16	14.68	31.96	58.40	68.20	-9.80	H
5725.00	46.30	28.65	13.58	31.04	57.49	68.20	-10.71	V
5850.00	48.79	29.16	14.68	31.96	60.67	68.20	-7.53	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	34.72	28.65	13.58	31.04	45.91	54.00	-8.09	H
5850.00	32.14	29.16	14.68	31.96	44.02	54.00	-9.98	H
5725.00	34.44	28.65	13.58	31.04	45.63	54.00	-8.37	V
5850.00	33.46	29.16	14.68	31.96	45.34	54.00	-8.66	V

Test Mode: 802.11n20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	45.37	28.65	13.58	31.04	56.56	68.20	-11.64	H
5850.00	46.73	29.16	14.68	31.96	58.61	68.20	-9.59	H
5725.00	48.00	28.65	13.58	31.04	59.19	68.20	-9.01	V
5850.00	46.86	29.16	14.68	31.96	58.74	68.20	-9.46	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	33.90	28.65	13.58	31.04	45.09	54.00	-8.91	H
5850.00	33.96	29.16	14.68	31.96	45.84	54.00	-8.16	H
5725.00	32.15	28.65	13.58	31.04	43.34	54.00	-10.66	V
5850.00	32.76	29.16	14.68	31.96	44.64	54.00	-9.36	V

Test Mode: 802.11ac20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	46.89	28.65	13.58	31.04	58.08	68.20	-10.12	H
5850.00	47.82	29.16	14.68	31.96	59.70	68.20	-8.50	H
5725.00	45.17	28.65	13.58	31.04	56.36	68.20	-11.84	V
5850.00	47.92	29.16	14.68	31.96	59.80	68.20	-8.40	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	34.77	28.65	13.58	31.04	45.96	54.00	-8.04	H
5850.00	34.14	29.16	14.68	31.96	46.02	54.00	-7.98	H
5725.00	34.69	28.65	13.58	31.04	45.88	54.00	-8.12	V
5850.00	33.35	29.16	14.68	31.96	45.23	54.00	-8.77	V

Test Mode: 802.11n40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	48.20	28.65	13.58	31.04	59.39	68.20	-8.81	H
5850.00	49.00	29.16	14.68	31.96	60.88	68.20	-7.32	H
5725.00	48.89	28.65	13.58	31.04	60.08	68.20	-8.12	V
5850.00	48.65	29.16	14.68	31.96	60.53	68.20	-7.67	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	34.86	28.65	13.58	31.04	46.05	54.00	-7.95	H
5850.00	32.14	29.16	14.68	31.96	44.02	54.00	-9.98	H
5725.00	34.43	28.65	13.58	31.04	45.62	54.00	-8.38	V
5850.00	34.18	29.16	14.68	31.96	46.06	54.00	-7.94	V

Test Mode: 802.11ac40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	48.61	28.65	13.58	31.04	59.80	68.20	-8.40	H
5850.00	45.08	29.16	14.68	31.96	56.96	68.20	-11.24	H
5725.00	45.03	28.65	13.58	31.04	56.22	68.20	-11.98	V
5850.00	45.09	29.16	14.68	31.96	56.97	68.20	-11.23	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	33.48	28.65	13.58	31.04	44.67	54.00	-9.33	H
5850.00	34.20	29.16	14.68	31.96	46.08	54.00	-7.92	H
5725.00	33.93	28.65	13.58	31.04	45.12	54.00	-8.88	V
5850.00	32.97	29.16	14.68	31.96	44.85	54.00	-9.15	V

Test Mode: 802.11ac80								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	46.96	28.65	13.58	31.04	58.15	68.20	-10.05	H
5850.00	46.43	29.16	14.68	31.96	58.31	68.20	-9.89	H
5725.00	45.19	28.65	13.58	31.04	56.38	68.20	-11.82	V
5850.00	46.87	29.16	14.68	31.96	58.75	68.20	-9.45	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	33.39	28.65	13.58	31.04	44.58	54.00	-9.42	H
5850.00	32.02	29.16	14.68	31.96	43.90	54.00	-10.10	H
5725.00	32.60	28.65	13.58	31.04	43.79	54.00	-10.21	V
5850.00	33.28	29.16	14.68	31.96	45.16	54.00	-8.84	V

Test Mode: 802.11ax20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	45.02	28.65	13.58	31.04	56.21	68.20	-11.99	H
5850.00	46.38	29.16	14.68	31.96	58.26	68.20	-9.94	H
5725.00	46.63	28.65	13.58	31.04	57.82	68.20	-10.38	V
5850.00	46.26	29.16	14.68	31.96	58.14	68.20	-10.06	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	34.89	28.65	13.58	31.04	46.08	54.00	-7.92	H
5850.00	32.91	29.16	14.68	31.96	44.79	54.00	-9.21	H
5725.00	32.91	28.65	13.58	31.04	44.10	54.00	-9.90	V
5850.00	33.11	29.16	14.68	31.96	44.99	54.00	-9.01	V

Test Mode: 802.11ax40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	45.76	28.65	13.58	31.04	56.95	68.20	-11.25	H
5850.00	46.87	29.16	14.68	31.96	58.75	68.20	-9.45	H
5725.00	45.43	28.65	13.58	31.04	56.62	68.20	-11.58	V
5850.00	47.10	29.16	14.68	31.96	58.98	68.20	-9.22	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	33.02	28.65	13.58	31.04	44.21	54.00	-9.79	H
5850.00	34.39	29.16	14.68	31.96	46.27	54.00	-7.73	H
5725.00	33.75	28.65	13.58	31.04	44.94	54.00	-9.06	V
5850.00	33.55	29.16	14.68	31.96	45.43	54.00	-8.57	V

Test Mode: 802.11ax80								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	46.25	28.65	13.58	31.04	57.44	68.20	-10.76	H
5850.00	47.99	29.16	14.68	31.96	59.87	68.20	-8.33	H
5725.00	45.11	28.65	13.58	31.04	56.30	68.20	-11.90	V
5850.00	48.27	29.16	14.68	31.96	60.15	68.20	-8.05	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	34.82	28.65	13.58	31.04	46.01	54.00	-7.99	H
5850.00	34.92	29.16	14.68	31.96	46.80	54.00	-7.20	H
5725.00	32.76	28.65	13.58	31.04	43.95	54.00	-10.05	V
5850.00	33.38	29.16	14.68	31.96	45.26	54.00	-8.74	V

9.SPURIOUS RF CONDUCTED EMISSIONS

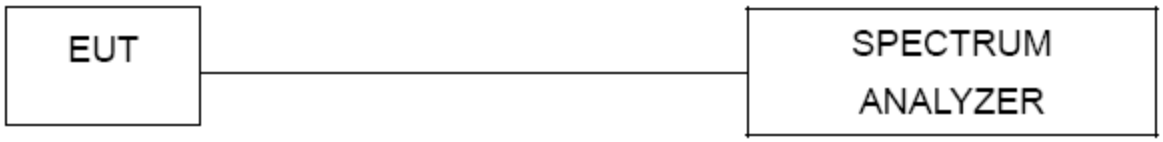
9.1 CONFORMANCE LIMIT

1. Below -20dB of the highest emission level in operating band.
2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

9.2 MEASURING INSTRUMENTS

The Measuring equipment is listed in the section 6.3 of this test report.

9.3 TEST SETUP



9.4 TEST PROCEDURE

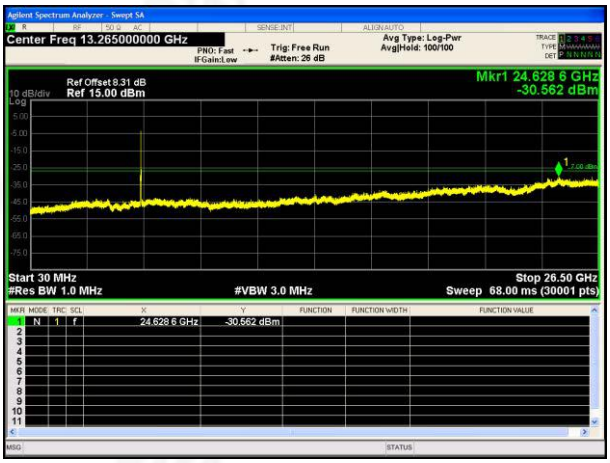
The Spurious RF conducted emissions compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW=100kHz and VBW= 300KHz to measure the peak field strength, and measure frequency range from 30MHz to 26.5GHz.

9.5 TEST RESULTS

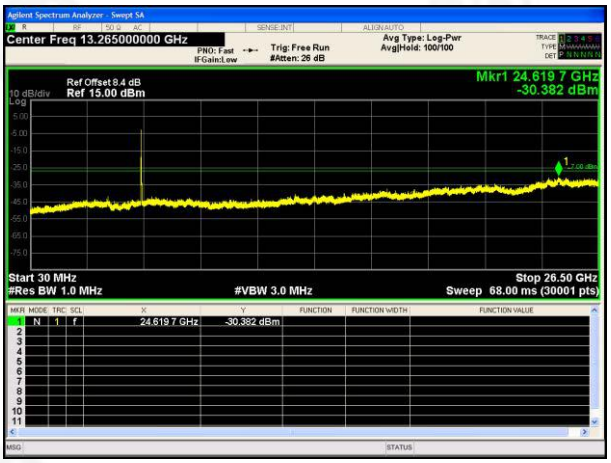
Remark: The measurement frequency range is from 30MHz to the 5th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and band edge measurement data.

U-NII-1: Test Plot

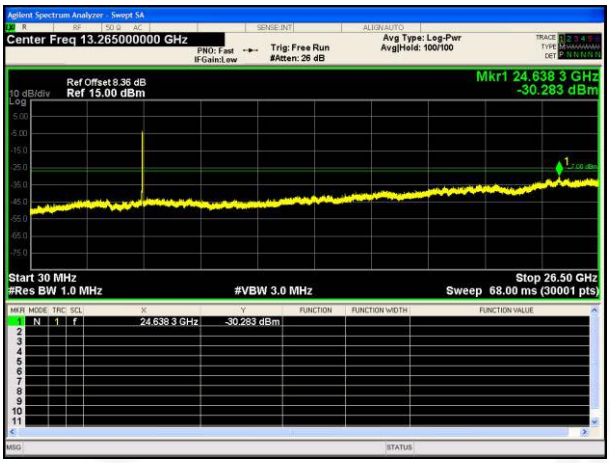
802.11a on channel 36



802.11a on channel 40

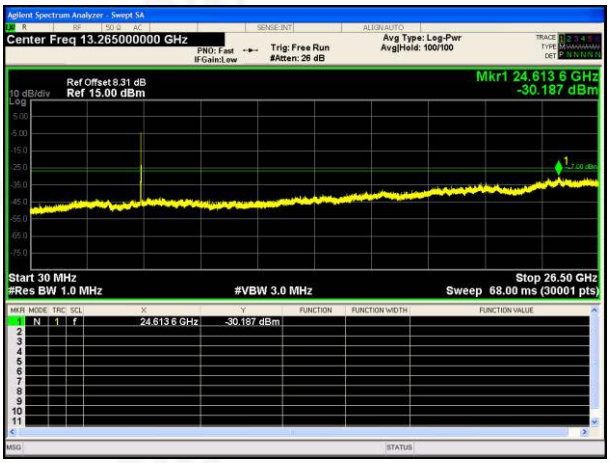


802.11a on channel 48

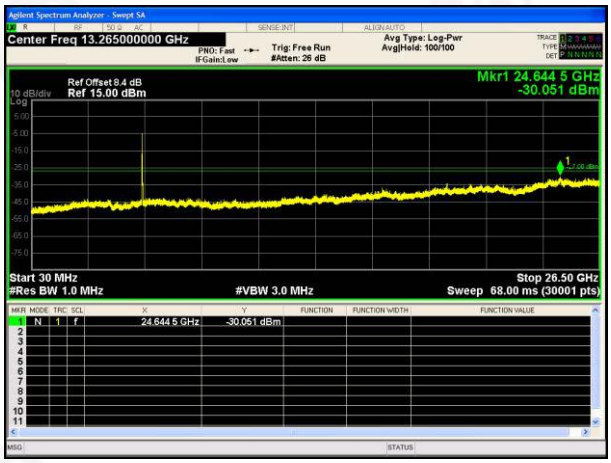


Test Plot

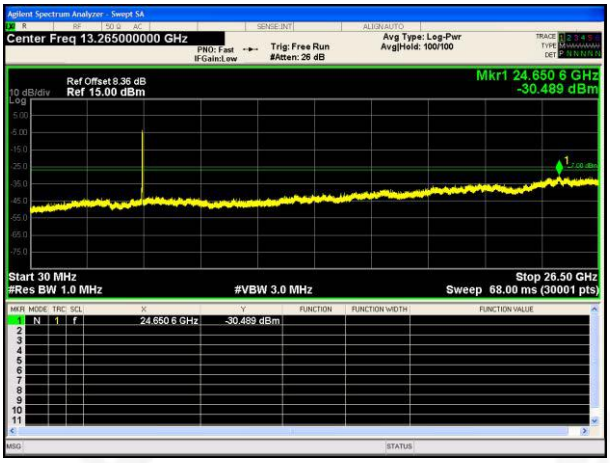
802.11n20 on channel 36



802.11n20 on channel 40

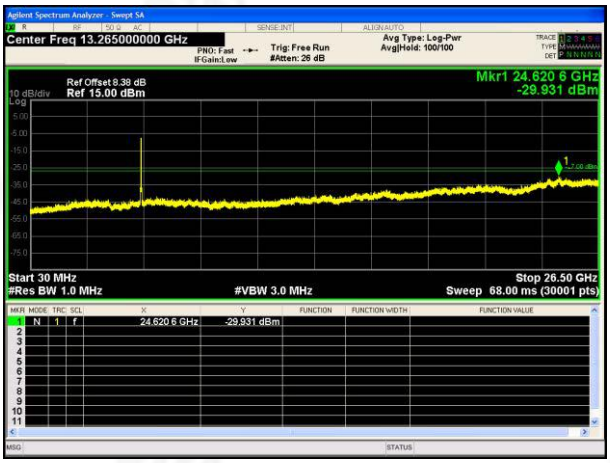


802.11n20 on channel 48

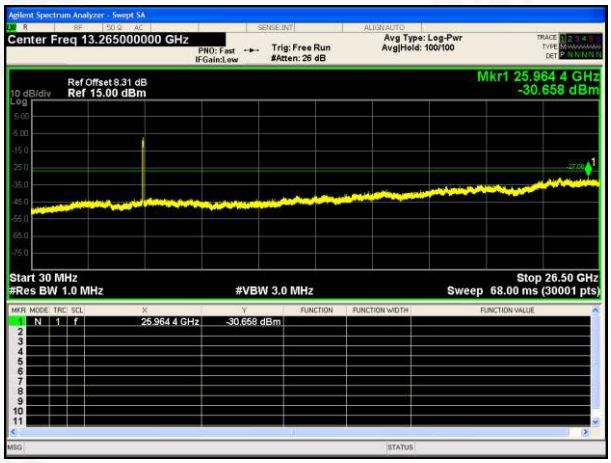


Test Plot

802.11n40 on channel 38

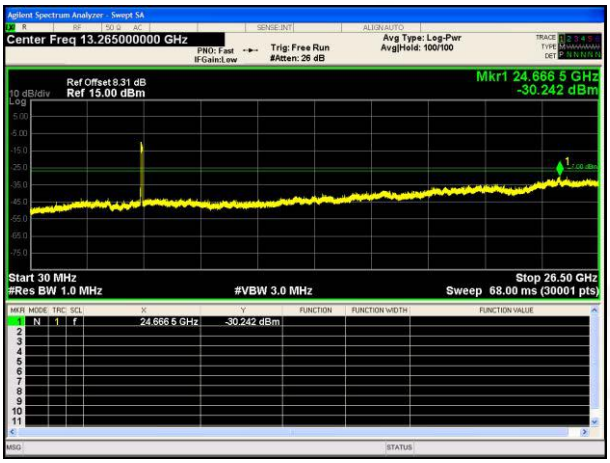


802.11n40 on channel 46



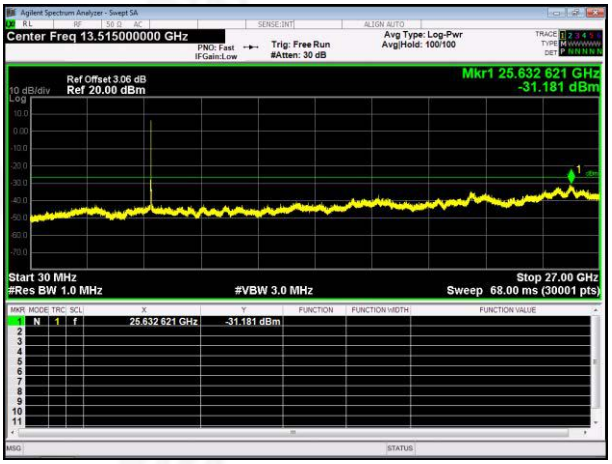
Test Plot

802.11ac80 on channel 42

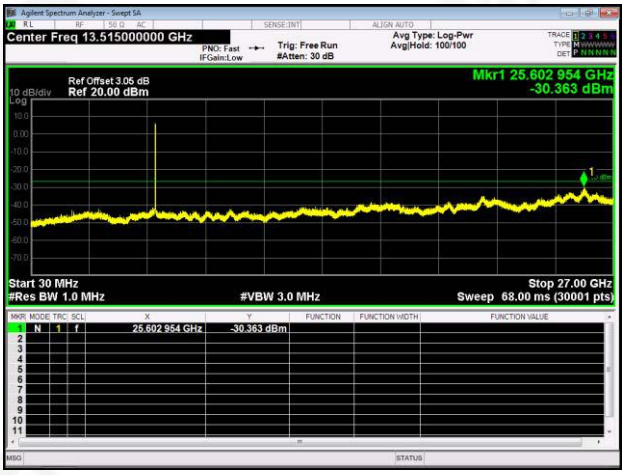


U-NII-3: Test Plot

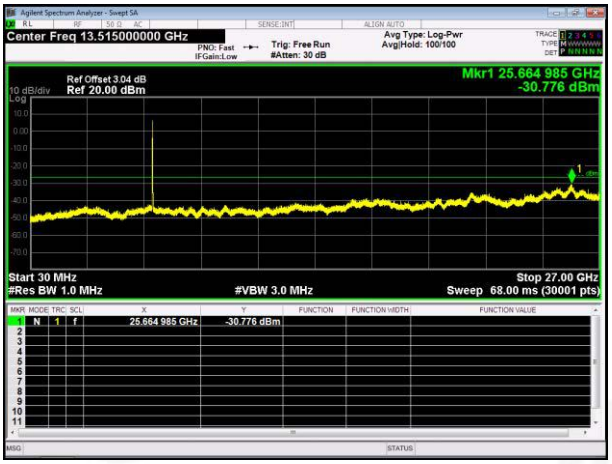
802.11a on channel 149



802.11a on channel 157

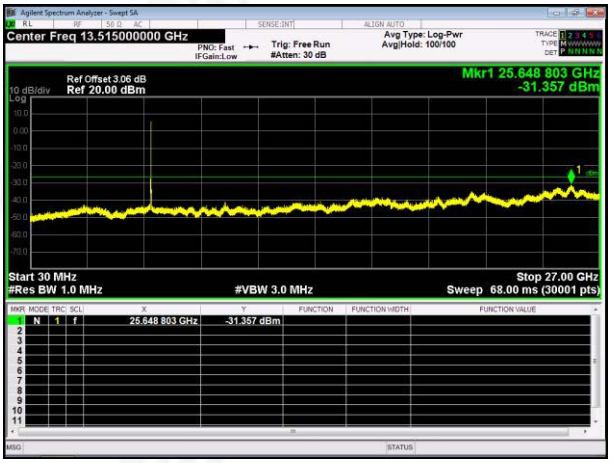


802.11a on channel 165

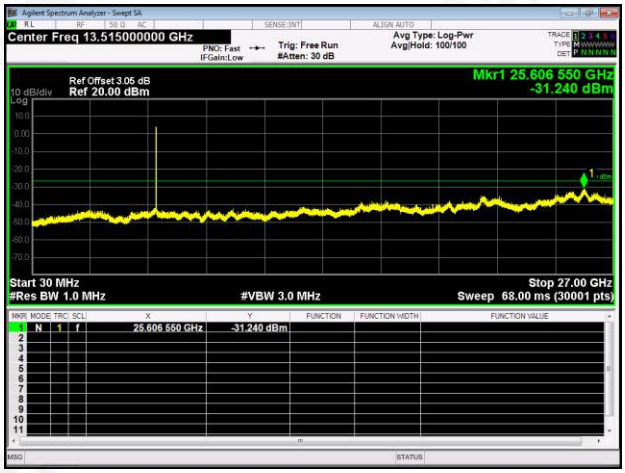


Test Plot

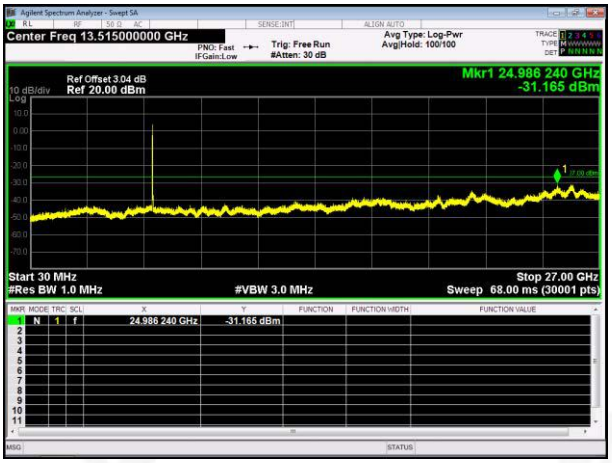
802.11n20 on channel 149



802.11n20 on channel 157

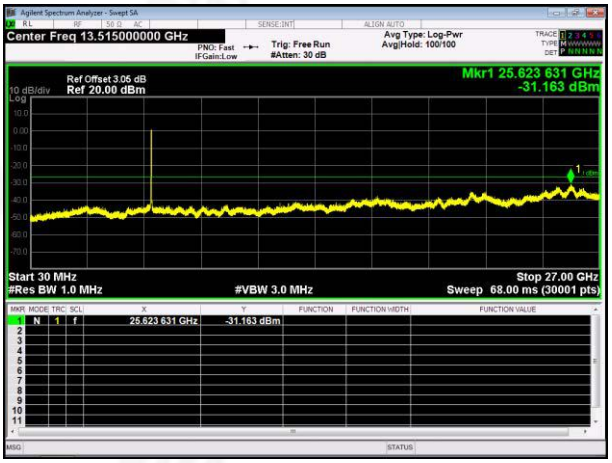


802.11n20 on channel 165

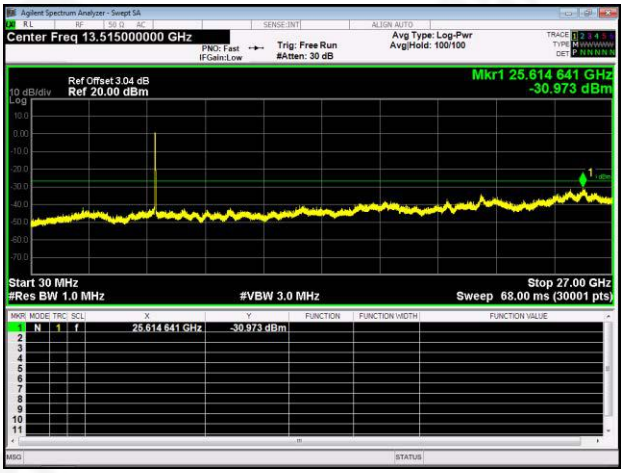


Test Plot

802.11n40 on channel 151

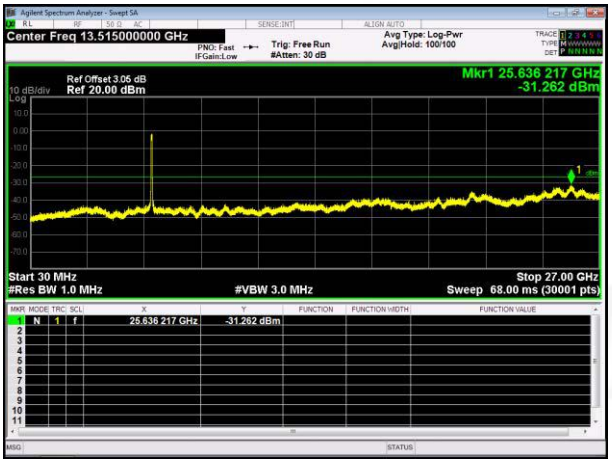


802.11n40 on channel 159



Test Plot

802.11ac80 on channel 155



Remark:

1. During the test, pre-scan the 802.11a,n(HT20),ac(HT20),n(HT40),ac(HT40),ac(HT80),ax(HT20),ac(HT40), ac(HT80)mode, and found the U-NII-3 band MIMO Antenna mode is worse case , the report only record this mode.

10.Frequency Stability Measurement

10.1 LIMIT

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification).

10.2 TEST PROCEDURES

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × 106 ppm and the limit is less than ±20ppm (IEEE 802.11nspecification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature is -20°C~50°C.

10.3 TEST SETUP LAYOUT

10.4 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously un-modulation transmitting mode.

10.5 TEST RESULTS

Temperature：	26 ℃	Relative Humidity：	54%
Pressure：	1012 hPa	Test Voltage ：	DC 3.8V
Test Mode ：	TX		

Antenna 1:

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	/	20	102	5180.100	5150 to 5250	Pass
						120	5180.060	5150 to 5250	Pass
						138	5180.040	5150 to 5250	Pass
					-30	120	5180.020	5150 to 5250	Pass
					-20	120	5180.080	5150 to 5250	Pass
					-10	120	5180.060	5150 to 5250	Pass
					0	120	5180.080	5150 to 5250	Pass
					10	120	5180.060	5150 to 5250	Pass
					30	120	5180.060	5150 to 5250	Pass
					40	120	5180.040	5150 to 5250	Pass
					50	120	5180.040	5150 to 5250	Pass
		5200	/	/	20	102	5200.040	5150 to 5250	Pass
						120	5200.040	5150 to 5250	Pass
						138	5200.040	5150 to 5250	Pass
					-30	120	5200.060	5150 to 5250	Pass
					-20	120	5200.040	5150 to 5250	Pass
					-10	120	5200.100	5150 to 5250	Pass
					0	120	5200.040	5150 to 5250	Pass
					10	120	5200.060	5150 to 5250	Pass
					30	120	5200.020	5150 to 5250	Pass
					40	120	5200.060	5150 to 5250	Pass
					50	120	5200.040	5150 to 5250	Pass
		5240	/	/	20	102	5240.080	5150 to 5250	Pass
						120	5240.040	5150 to 5250	Pass
						138	5240.040	5150 to 5250	Pass
					-30	120	5240.080	5150 to 5250	Pass
					-20	120	5240.000	5150 to 5250	Pass
					-10	120	5240.040	5150 to 5250	Pass
					0	120	5240.060	5150 to 5250	Pass
					10	120	5240.020	5150 to 5250	Pass
					30	120	5240.040	5150 to 5250	Pass
					40	120	5240.060	5150 to 5250	Pass
					50	120	5240.040	5150 to 5250	Pass
		5745	/	/	20	102	5745.020	5725 to 5850	Pass

						120	5745.040	5725 to 5850	Pass
						138	5745.020	5725 to 5850	Pass
					-30	120	5745.040	5725 to 5850	Pass
					-20	120	5745.060	5725 to 5850	Pass
					-10	120	5745.020	5725 to 5850	Pass
					0	120	5745.060	5725 to 5850	Pass
					10	120	5745.020	5725 to 5850	Pass
					30	120	5745.040	5725 to 5850	Pass
					40	120	5745.040	5725 to 5850	Pass
					50	120	5745.040	5725 to 5850	Pass
		5785	/	/	20	102	5785.040	5725 to 5850	Pass
						120	5785.060	5725 to 5850	Pass
						138	5785.040	5725 to 5850	Pass
					-30	120	5785.040	5725 to 5850	Pass
					-20	120	5785.020	5725 to 5850	Pass
					-10	120	5785.020	5725 to 5850	Pass
					0	120	5785.040	5725 to 5850	Pass
					10	120	5785.040	5725 to 5850	Pass
					30	120	5785.040	5725 to 5850	Pass
					40	120	5785.060	5725 to 5850	Pass
					50	120	5785.020	5725 to 5850	Pass
		5825	/	/	20	102	5825.040	5725 to 5850	Pass
						120	5825.040	5725 to 5850	Pass
						138	5825.060	5725 to 5850	Pass
					-30	120	5825.060	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.040	5725 to 5850	Pass
					0	120	5825.020	5725 to 5850	Pass
					10	120	5825.080	5725 to 5850	Pass
					30	120	5825.040	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5825.040	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	/	/	20	102	5180.160	5150 to 5250	Pass
						120	5180.060	5150 to 5250	Pass
						138	5180.040	5150 to 5250	Pass
					-30	120	5180.060	5150 to 5250	Pass
					-20	120	5180.040	5150 to 5250	Pass
					-10	120	5180.020	5150 to 5250	Pass

					0	120	5180.020	5150 to 5250	Pass
					10	120	5180.080	5150 to 5250	Pass
					30	120	5180.040	5150 to 5250	Pass
					40	120	5180.040	5150 to 5250	Pass
					50	120	5180.040	5150 to 5250	Pass
		5200	/	/	20	102	5200.060	5150 to 5250	Pass
						120	5200.040	5150 to 5250	Pass
						138	5200.040	5150 to 5250	Pass
					-30	120	5200.040	5150 to 5250	Pass
					-20	120	5200.040	5150 to 5250	Pass
					-10	120	5200.060	5150 to 5250	Pass
					0	120	5200.060	5150 to 5250	Pass
					10	120	5200.040	5150 to 5250	Pass
					30	120	5200.040	5150 to 5250	Pass
					40	120	5200.040	5150 to 5250	Pass
					50	120	5200.060	5150 to 5250	Pass
		5240	/	/	20	102	5239.960	5150 to 5250	Pass
						120	5240.020	5150 to 5250	Pass
						138	5240.040	5150 to 5250	Pass
					-30	120	5240.080	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.060	5150 to 5250	Pass
					0	120	5240.040	5150 to 5250	Pass
					10	120	5240.060	5150 to 5250	Pass
					30	120	5240.040	5150 to 5250	Pass
					40	120	5240.080	5150 to 5250	Pass
					50	120	5240.000	5150 to 5250	Pass
		5745	/	/	20	102	5745.060	5725 to 5850	Pass
						120	5745.060	5725 to 5850	Pass
						138	5745.060	5725 to 5850	Pass
					-30	120	5745.060	5725 to 5850	Pass
					-20	120	5745.040	5725 to 5850	Pass
					-10	120	5745.060	5725 to 5850	Pass
					0	120	5745.040	5725 to 5850	Pass
					10	120	5745.060	5725 to 5850	Pass
					30	120	5745.080	5725 to 5850	Pass
					40	120	5745.020	5725 to 5850	Pass
					50	120	5745.060	5725 to 5850	Pass

		5785	/	/	20	102	5785.060	5725 to 5850	Pass
						120	5785.060	5725 to 5850	Pass
						138	5785.040	5725 to 5850	Pass
					-30	120	5785.040	5725 to 5850	Pass
					-20	120	5785.040	5725 to 5850	Pass
					-10	120	5785.060	5725 to 5850	Pass
					0	120	5785.040	5725 to 5850	Pass
					10	120	5785.060	5725 to 5850	Pass
					30	120	5785.080	5725 to 5850	Pass
					40	120	5785.040	5725 to 5850	Pass
					50	120	5785.040	5725 to 5850	Pass
		5825	/	/	20	102	5825.020	5725 to 5850	Pass
						120	5825.040	5725 to 5850	Pass
						138	5825.060	5725 to 5850	Pass
					-30	120	5825.040	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.060	5725 to 5850	Pass
					0	120	5825.020	5725 to 5850	Pass
					10	120	5825.080	5725 to 5850	Pass
					30	120	5825.040	5725 to 5850	Pass
					40	120	5825.040	5725 to 5850	Pass
					50	120	5825.060	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	/	/	20	102	5190.120	5150 to 5250	Pass
						120	5190.080	5150 to 5250	Pass
						138	5190.080	5150 to 5250	Pass
					-30	120	5190.120	5150 to 5250	Pass
					-20	120	5190.120	5150 to 5250	Pass
					-10	120	5190.080	5150 to 5250	Pass
					0	120	5190.120	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.120	5150 to 5250	Pass
					40	120	5190.080	5150 to 5250	Pass
					50	120	5190.080	5150 to 5250	Pass
		5230	/	/	20	102	5230.120	5150 to 5250	Pass
						120	5230.080	5150 to 5250	Pass
						138	5230.120	5150 to 5250	Pass
					-30	120	5230.120	5150 to 5250	Pass
					-20	120	5230.080	5150 to 5250	Pass

					-10	120	5230.120	5150 to 5250	Pass
					0	120	5230.120	5150 to 5250	Pass
					10	120	5230.080	5150 to 5250	Pass
					30	120	5230.080	5150 to 5250	Pass
					40	120	5230.080	5150 to 5250	Pass
					50	120	5230.120	5150 to 5250	Pass
		5755	/	/	20	102	5755.120	5725 to 5850	Pass
						120	5755.080	5725 to 5850	Pass
						138	5755.120	5725 to 5850	Pass
					-30	120	5755.120	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.040	5725 to 5850	Pass
					0	120	5755.080	5725 to 5850	Pass
					10	120	5755.080	5725 to 5850	Pass
					30	120	5755.120	5725 to 5850	Pass
					40	120	5755.080	5725 to 5850	Pass
					50	120	5755.120	5725 to 5850	Pass
		5795	/	/	20	102	5795.080	5725 to 5850	Pass
						120	5795.120	5725 to 5850	Pass
						138	5795.120	5725 to 5850	Pass
					-30	120	5795.120	5725 to 5850	Pass
					-20	120	5795.040	5725 to 5850	Pass
					-10	120	5795.120	5725 to 5850	Pass
					0	120	5795.120	5725 to 5850	Pass
					10	120	5795.200	5725 to 5850	Pass
					30	120	5795.120	5725 to 5850	Pass
					40	120	5795.120	5725 to 5850	Pass
					50	120	5795.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	/	/	20	102	5180.040	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	20	102	5180.040	5150 to 5250	Pass
						120	5180.040	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	20	120	5180.020	5150 to 5250	Pass
						138	5180.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	20	138	5180.040	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	-30	120	5180.020	5150 to 5250	Pass

802.11ax (HEW20)	SISO	5180	RU242	Left	-30	120	5180.040	5150 to 5250	Pass
					-20	120	5180.040	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	-20	120	5180.080	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	-10	120	5180.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	-10	120	5180.080	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	0	120	5180.020	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	0	120	5180.080	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	10	120	5180.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	10	120	5180.020	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	30	120	5180.020	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	30	120	5180.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	40	120	5180.040	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	/	/	40	120	5180.020	5150 to 5250	Pass
					50	120	5180.040	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	50	120	5180.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5200	/	/	20	102	5200.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5200	RU242	Left	20	102	5200.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5200	/	/	20	120	5200.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5200	RU242	Left	20	120	5200.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5200	/	/	20	138	5200.040	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5200	RU242	Left	20	138	5200.060	5150 to 5250	Pass
802.11ac	SISO	5200	/	/	-30	120	5200.040	5150 to 5250	Pass

(VHT20)									
802.11ax (HEW20)	SISO	5200	RU242	Left	-30	120	5200.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5200	/	/	-20	120	5200.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5200	RU242	Left	-20	120	5200.040	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5200	/	/	-10	120	5200.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5200	RU242	Left	-10	120	5200.040	5150 to 5250	Pass
					0	120	5200.080	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5200	/	/	0	120	5200.080	5150 to 5250	Pass
					10	120	5200.040	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5200	RU242	Left	10	120	5200.080	5150 to 5250	Pass
					30	120	5200.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5200	/	/	30	120	5200.060	5150 to 5250	Pass
					40	120	5200.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5200	RU242	Left	40	120	5200.060	5150 to 5250	Pass
					50	120	5200.080	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5200	/	/	50	120	5199.960	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	20	102	5240.000	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	20	102	5240.060	5150 to 5250	Pass
						120	5240.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	20	120	5240.040	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	20	138	5240.080	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	20	138	5240.020	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	-30	120	5240.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	-30	120	5240.080	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	-20	120	5240.100	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	-20	120	5240.000	5150 to 5250	Pass

802.11ac (VHT20)	SISO	5240	/	/	-10	120	5240.040	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	-10	120	5240.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	0	120	5240.060	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	0	120	5239.980	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	10	120	5240.040	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	10	120	5240.060	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	30	120	5240.040	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	30	120	5240.060	5150 to 5250	Pass
					40	120	5240.040	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	40	120	5240.100	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5240	RU242	Left	50	120	5240.040	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5240	/	/	50	120	5240.040	5150 to 5250	Pass
		5745	/	/	20	102	5745.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	20	102	5745.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	/	/	20	120	5745.080	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	20	120	5745.060	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	/	/	20	138	5745.060	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	20	138	5745.060	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	/	/	-30	120	5745.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	-30	120	5745.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	/	/	-20	120	5745.100	5725 to 5850	Pass
802.11ax	SISO	5745	RU242	Left	-20	120	5745.020	5725 to 5850	Pass

(HEW20)									
802.11ac (VHT20)	SISO	5745	/	/	-10	120	5745.060	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	-10	120	5745.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	/	/	0	120	5745.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	0	120	5745.060	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	/	/	10	120	5745.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	10	120	5745.040	5725 to 5850	Pass
					30	120	5745.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	/	/	30	120	5745.060	5725 to 5850	Pass
					40	120	5745.060	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	40	120	5745.140	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	/	/	50	120	5745.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	50	120	5745.060	5725 to 5850	Pass
		5785	RU242	Left	20	102	5785.000	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5785	/	/	20	102	5785.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5785	RU242	Left	20	120	5785.140	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5785	/	/	20	120	5785.040	5725 to 5850	Pass
						138	5785.060	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5785	RU242	Left	20	138	5785.060	5725 to 5850	Pass
					-30	120	5785.060	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5785	/	/	-30	120	5785.060	5725 to 5850	Pass
					-20	120	5785.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5785	RU242	Left	-20	120	5785.140	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5785	/	/	-10	120	5785.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5785	RU242	Left	-10	120	5785.000	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5785	/	/	0	120	5785.060	5725 to 5850	Pass

802.11ax (HEW20)	SISO	5785	RU242	Left	0	120	5785.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5785	/	/	10	120	5785.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5785	RU242	Left	10	120	5785.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5785	/	/	30	120	5785.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5785	RU242	Left	30	120	5785.020	5725 to 5850	Pass
					40	120	5785.060	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5785	/	/	40	120	5785.040	5725 to 5850	Pass
					50	120	5785.080	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5785	RU242	Left	50	120	5785.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5825	/	/	20	102	5825.060	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5825	RU242	Left	20	102	5825.060	5725 to 5850	Pass
						120	5825.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5825	/	/	20	120	5825.080	5725 to 5850	Pass
						138	5825.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5825	RU242	Left	20	138	5825.060	5725 to 5850	Pass
					-30	120	5825.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5825	/	/	-30	120	5825.060	5725 to 5850	Pass
					-20	120	5825.080	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5825	RU242	Left	-20	120	5825.100	5725 to 5850	Pass
					-10	120	5825.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5825	/	/	-10	120	5825.060	5725 to 5850	Pass
					0	120	5825.040	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5825	RU242	Left	0	120	5825.060	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5825	/	/	10	120	5825.080	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5825	RU242	Left	10	120	5825.060	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5825	/	/	30	120	5825.060	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5825	RU242	Left	30	120	5825.060	5725 to 5850	Pass
802.11ac	SISO	5825	/	/	40	120	5825.040	5725 to 5850	Pass

(VHT20)									
802.11ax (HEW20)	SISO	5825	RU242	Left	40	120	5825.020	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5825	/	/	50	120	5825.020	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5825	RU242	Left	50	120	5825.060	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	/	/	20	102	5190.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	20	102	5190.080	5150 to 5250	Pass
						120	5190.080	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	20	120	5190.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	20	138	5190.120	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	20	138	5190.120	5150 to 5250	Pass
					-30	120	5190.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	-30	120	5190.120	5150 to 5250	Pass
					-20	120	5190.080	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	-20	120	5190.120	5150 to 5250	Pass
					-10	120	5190.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	-10	120	5190.040	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	0	120	5190.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	0	120	5190.120	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	10	120	5190.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	10	120	5190.080	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	30	120	5190.120	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	30	120	5190.120	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	40	120	5190.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	40	120	5190.080	5150 to 5250	Pass

802.11ac (VHT40)	SISO	5190	/	/	50	120	5190.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	50	120	5190.080	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	20	102	5230.120	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5230	RU484	Left	20	102	5230.160	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	20	120	5230.120	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5230	RU484	Left	20	120	5230.120	5150 to 5250	Pass
						138	5230.160	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	20	138	5230.120	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5230	RU484	Left	-30	120	5230.080	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	-30	120	5230.120	5150 to 5250	Pass
					-20	120	5230.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5230	RU484	Left	-20	120	5230.120	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	-10	120	5230.120	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5230	RU484	Left	-10	120	5230.120	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	0	120	5230.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5230	RU484	Left	0	120	5230.120	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	10	120	5230.120	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5230	RU484	Left	10	120	5230.080	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	30	120	5230.080	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5230	RU484	Left	30	120	5230.160	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	40	120	5230.080	5150 to 5250	Pass
802.11ax	SISO	5230	RU484	Left	40	120	5230.120	5150 to 5250	Pass

(HEW40)					50	120	5230.120	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5230	/	/	50	120	5230.120	5150 to 5250	Pass
		5755	/	/	20	102	5755.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	20	102	5755.080	5725 to 5850	Pass
						120	5755.080	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	/	/	20	120	5755.120	5725 to 5850	Pass
						138	5755.120	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	20	138	5755.080	5725 to 5850	Pass
					-30	120	5755.120	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	/	/	-30	120	5755.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	-20	120	5755.000	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	/	/	-20	120	5755.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	-10	120	5755.040	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	/	/	-10	120	5755.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	0	120	5755.120	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	/	/	0	120	5755.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	10	120	5755.080	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	/	/	10	120	5755.080	5725 to 5850	Pass
					30	120	5755.120	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	30	120	5755.160	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	/	/	40	120	5755.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	40	120	5755.080	5725 to 5850	Pass
					50	120	5755.120	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	/	/	50	120	5755.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5795	RU484	Left	20	102	5795.160	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5795	/	/	20	102	5795.120	5725 to 5850	Pass

802.11ax (HEW40)	SISO	5795	RU484	Left	20	120	5795.120	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5795	/	/	20	120	5795.120	5725 to 5850	Pass
						138	5795.160	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5795	RU484	Left	20	138	5795.120	5725 to 5850	Pass
					-30	120	5795.080	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5795	/	/	-30	120	5795.120	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5795	RU484	Left	-20	120	5795.080	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5795	/	/	-20	120	5795.080	5725 to 5850	Pass
					-10	120	5795.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5795	RU484	Left	-10	120	5795.120	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5795	/	/	0	120	5795.080	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5795	RU484	Left	0	120	5795.080	5725 to 5850	Pass
					10	120	5795.120	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5795	/	/	10	120	5795.120	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5795	RU484	Left	30	120	5795.160	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5795	/	/	30	120	5795.120	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5795	RU484	Left	40	120	5795.120	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5795	/	/	40	120	5795.080	5725 to 5850	Pass
					50	120	5795.120	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5795	RU484	Left	50	120	5795.120	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	/	/	20	102	5210.225	5150 to 5250	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	20	102	5210.226	5150 to 5250	Pass
802.11ac (VHT80)	SISO	5210	/	/	20	120	5210.225	5150 to 5250	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	20	120	5210.151	5150 to 5250	Pass
						138	5210.076	5150 to 5250	Pass
802.11ac	SISO	5210	/	/	20	138	5210.225	5150 to 5250	Pass

(VHT80)					-30	120	5210.075	5150 to 5250	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	-30	120	5210.076	5150 to 5250	Pass
802.11ac (VHT80)	SISO	5210	/	/	-20	120	5210.150	5150 to 5250	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	-20	120	5210.076	5150 to 5250	Pass
					-10	120	5210.151	5150 to 5250	Pass
802.11ac (VHT80)	SISO	5210	/	/	-10	120	5210.150	5150 to 5250	Pass
					0	120	5210.225	5150 to 5250	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	0	120	5210.151	5150 to 5250	Pass
802.11ac (VHT80)	SISO	5210	/	/	10	120	5210.225	5150 to 5250	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	10	120	5210.076	5150 to 5250	Pass
802.11ac (VHT80)	SISO	5210	/	/	30	120	5210.150	5150 to 5250	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	30	120	5210.151	5150 to 5250	Pass
					40	120	5210.151	5150 to 5250	Pass
802.11ac (VHT80)	SISO	5210	/	/	40	120	5210.225	5150 to 5250	Pass
					50	120	5210.225	5150 to 5250	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	50	120	5210.151	5150 to 5250	Pass
		5775	RU996	Left	20	102	5775.151	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	20	102	5775.225	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	20	120	5775.151	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	20	120	5775.075	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	20	138	5775.076	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	20	138	5775.075	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	-30	120	5775.075	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	-30	120	5775.225	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	-20	120	5775.076	5725 to 5850	Pass

802.11ac (VHT80)	SISO	5775	/	/	-20	120	5775.150	5725 to 5850	Pass
					-10	120	5775.150	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	-10	120	5775.151	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	0	120	5775.150	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	0	120	5775.076	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	10	120	5775.150	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	10	120	5775.076	5725 to 5850	Pass
					30	120	5775.076	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	30	120	5775.150	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	40	120	5775.076	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	40	120	5775.225	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	50	120	5775.151	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	/	/	50	120	5775.150	5725 to 5850	Pass

Antenna 2:

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	/	20	102	5180.040	5150 to 5250	Pass
						120	5180.100	5150 to 5250	Pass
						138	5180.060	5150 to 5250	Pass
					-30	120	5180.060	5150 to 5250	Pass
					-20	120	5180.080	5150 to 5250	Pass
					-10	120	5180.100	5150 to 5250	Pass
					0	120	5180.100	5150 to 5250	Pass
					10	120	5180.060	5150 to 5250	Pass
					30	120	5180.080	5150 to 5250	Pass
					40	120	5180.080	5150 to 5250	Pass
					50	120	5180.060	5150 to 5250	Pass
		5200	/	/	20	102	5200.080	5150 to 5250	Pass
						120	5200.040	5150 to 5250	Pass
						138	5200.040	5150 to 5250	Pass
					-30	120	5200.020	5150 to 5250	Pass
					-20	120	5200.060	5150 to 5250	Pass
					-10	120	5200.080	5150 to 5250	Pass
					0	120	5200.080	5150 to 5250	Pass
					10	120	5200.080	5150 to 5250	Pass
					30	120	5200.020	5150 to 5250	Pass
					40	120	5200.060	5150 to 5250	Pass
					50	120	5200.080	5150 to 5250	Pass
		5240	/	/	20	102	5240.080	5150 to 5250	Pass
						120	5240.060	5150 to 5250	Pass
						138	5240.080	5150 to 5250	Pass
					-30	120	5240.060	5150 to 5250	Pass
					-20	120	5240.060	5150 to 5250	Pass
					-10	120	5240.020	5150 to 5250	Pass
					0	120	5240.060	5150 to 5250	Pass
					10	120	5240.060	5150 to 5250	Pass
					30	120	5240.040	5150 to 5250	Pass
					40	120	5240.060	5150 to 5250	Pass
					50	120	5240.080	5150 to 5250	Pass
		5745	/	/	20	102	5745.060	5725 to 5850	Pass
						120	5745.080	5725 to 5850	Pass

						138	5745.060	5725 to 5850	Pass
					-30	120	5745.080	5725 to 5850	Pass
					-20	120	5745.040	5725 to 5850	Pass
					-10	120	5745.060	5725 to 5850	Pass
					0	120	5745.060	5725 to 5850	Pass
					10	120	5745.060	5725 to 5850	Pass
					30	120	5745.060	5725 to 5850	Pass
					40	120	5745.080	5725 to 5850	Pass
					50	120	5745.080	5725 to 5850	Pass
		5785	/	/	20	102	5785.080	5725 to 5850	Pass
						120	5785.060	5725 to 5850	Pass
						138	5785.080	5725 to 5850	Pass
					-30	120	5785.100	5725 to 5850	Pass
					-20	120	5785.040	5725 to 5850	Pass
					-10	120	5785.060	5725 to 5850	Pass
					0	120	5785.060	5725 to 5850	Pass
					10	120	5785.060	5725 to 5850	Pass
					30	120	5785.060	5725 to 5850	Pass
					40	120	5785.020	5725 to 5850	Pass
					50	120	5785.080	5725 to 5850	Pass
		5825	/	/	20	102	5825.100	5725 to 5850	Pass
						120	5825.060	5725 to 5850	Pass
						138	5825.080	5725 to 5850	Pass
					-30	120	5825.080	5725 to 5850	Pass
					-20	120	5825.020	5725 to 5850	Pass
					-10	120	5825.080	5725 to 5850	Pass
					0	120	5825.060	5725 to 5850	Pass
					10	120	5825.060	5725 to 5850	Pass
					30	120	5825.060	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5825.060	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	/	/	20	102	5180.040	5150 to 5250	Pass
						120	5180.040	5150 to 5250	Pass
						138	5180.080	5150 to 5250	Pass
					-30	120	5180.060	5150 to 5250	Pass
					-20	120	5180.040	5150 to 5250	Pass
					-10	120	5180.060	5150 to 5250	Pass
					0	120	5180.060	5150 to 5250	Pass

					10	120	5180.060	5150 to 5250	Pass
					30	120	5180.060	5150 to 5250	Pass
					40	120	5180.060	5150 to 5250	Pass
					50	120	5180.040	5150 to 5250	Pass
		5200	/	/	20	102	5200.040	5150 to 5250	Pass
						120	5200.040	5150 to 5250	Pass
						138	5200.040	5150 to 5250	Pass
					-30	120	5200.060	5150 to 5250	Pass
					-20	120	5200.020	5150 to 5250	Pass
					-10	120	5200.040	5150 to 5250	Pass
					0	120	5200.040	5150 to 5250	Pass
					10	120	5200.040	5150 to 5250	Pass
					30	120	5200.040	5150 to 5250	Pass
					40	120	5200.060	5150 to 5250	Pass
					50	120	5200.040	5150 to 5250	Pass
		5240	/	/	20	102	5240.040	5150 to 5250	Pass
						120	5240.060	5150 to 5250	Pass
						138	5240.000	5150 to 5250	Pass
					-30	120	5240.040	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.000	5150 to 5250	Pass
					0	120	5240.020	5150 to 5250	Pass
					10	120	5240.020	5150 to 5250	Pass
					30	120	5240.020	5150 to 5250	Pass
					40	120	5240.040	5150 to 5250	Pass
					50	120	5240.020	5150 to 5250	Pass
		5745	/	/	20	102	5745.040	5725 to 5850	Pass
						120	5745.060	5725 to 5850	Pass
						138	5745.020	5725 to 5850	Pass
					-30	120	5745.040	5725 to 5850	Pass
					-20	120	5745.040	5725 to 5850	Pass
					-10	120	5745.060	5725 to 5850	Pass
					0	120	5745.020	5725 to 5850	Pass
					10	120	5745.040	5725 to 5850	Pass
					30	120	5745.060	5725 to 5850	Pass
					40	120	5745.020	5725 to 5850	Pass
					50	120	5745.140	5725 to 5850	Pass
		5785	/	/	20	102	5785.040	5725 to 5850	Pass

						120	5785.060	5725 to 5850	Pass
						138	5785.060	5725 to 5850	Pass
					-30	120	5785.080	5725 to 5850	Pass
					-20	120	5785.040	5725 to 5850	Pass
					-10	120	5785.060	5725 to 5850	Pass
					0	120	5785.040	5725 to 5850	Pass
					10	120	5785.020	5725 to 5850	Pass
					30	120	5785.040	5725 to 5850	Pass
					40	120	5785.060	5725 to 5850	Pass
					50	120	5785.040	5725 to 5850	Pass
		5825	/	/	20	102	5825.060	5725 to 5850	Pass
						120	5825.040	5725 to 5850	Pass
						138	5825.080	5725 to 5850	Pass
					-30	120	5825.040	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.060	5725 to 5850	Pass
					0	120	5825.020	5725 to 5850	Pass
					10	120	5825.040	5725 to 5850	Pass
					30	120	5825.060	5725 to 5850	Pass
					40	120	5825.020	5725 to 5850	Pass
					50	120	5825.020	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	/	/	20	102	5190.120	5150 to 5250	Pass
						120	5190.120	5150 to 5250	Pass
						138	5190.160	5150 to 5250	Pass
					-30	120	5190.080	5150 to 5250	Pass
					-20	120	5190.120	5150 to 5250	Pass
					-10	120	5190.160	5150 to 5250	Pass
					0	120	5190.040	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.080	5150 to 5250	Pass
					40	120	5190.160	5150 to 5250	Pass
					50	120	5190.080	5150 to 5250	Pass
		5230	/	/	20	102	5230.120	5150 to 5250	Pass
						120	5230.120	5150 to 5250	Pass
						138	5230.080	5150 to 5250	Pass
					-30	120	5230.080	5150 to 5250	Pass
					-20	120	5230.040	5150 to 5250	Pass
					-10	120	5230.080	5150 to 5250	Pass

					0	120	5230.080	5150 to 5250	Pass
					10	120	5230.120	5150 to 5250	Pass
					30	120	5230.120	5150 to 5250	Pass
					40	120	5230.120	5150 to 5250	Pass
					50	120	5230.120	5150 to 5250	Pass
		5755	/	/	20	102	5755.120	5725 to 5850	Pass
						120	5755.080	5725 to 5850	Pass
						138	5755.120	5725 to 5850	Pass
					-30	120	5755.120	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.080	5725 to 5850	Pass
					0	120	5755.120	5725 to 5850	Pass
					10	120	5755.120	5725 to 5850	Pass
					30	120	5755.120	5725 to 5850	Pass
					40	120	5755.080	5725 to 5850	Pass
					50	120	5755.080	5725 to 5850	Pass
		5795	/	/	20	102	5795.120	5725 to 5850	Pass
						120	5795.120	5725 to 5850	Pass
						138	5795.120	5725 to 5850	Pass
					-30	120	5795.120	5725 to 5850	Pass
					-20	120	5795.120	5725 to 5850	Pass
					-10	120	5795.120	5725 to 5850	Pass
					0	120	5795.160	5725 to 5850	Pass
					10	120	5795.080	5725 to 5850	Pass
					30	120	5795.120	5725 to 5850	Pass
					40	120	5795.080	5725 to 5850	Pass
					50	120	5795.160	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	/	/	20	102	5180.080	5150 to 5250	Pass
						120	5180.040	5150 to 5250	Pass
						138	5180.040	5150 to 5250	Pass
					-30	120	5180.040	5150 to 5250	Pass
					-20	120	5180.040	5150 to 5250	Pass
					-10	120	5180.040	5150 to 5250	Pass
					0	120	5180.020	5150 to 5250	Pass
					10	120	5180.060	5150 to 5250	Pass
					30	120	5180.040	5150 to 5250	Pass
					40	120	5180.060	5150 to 5250	Pass
					50	120	5180.060	5150 to 5250	Pass

		5200	/	/	20	102	5200.040	5150 to 5250	Pass
						120	5200.060	5150 to 5250	Pass
						138	5200.040	5150 to 5250	Pass
					-30	120	5200.040	5150 to 5250	Pass
					-20	120	5200.080	5150 to 5250	Pass
					-10	120	5200.060	5150 to 5250	Pass
					0	120	5200.060	5150 to 5250	Pass
					10	120	5200.040	5150 to 5250	Pass
					30	120	5200.060	5150 to 5250	Pass
					40	120	5200.040	5150 to 5250	Pass
					50	120	5200.060	5150 to 5250	Pass
		5240	/	/	20	102	5240.020	5150 to 5250	Pass
						120	5240.040	5150 to 5250	Pass
						138	5240.040	5150 to 5250	Pass
					-30	120	5240.040	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.040	5150 to 5250	Pass
					0	120	5240.040	5150 to 5250	Pass
					10	120	5240.020	5150 to 5250	Pass
					30	120	5240.020	5150 to 5250	Pass
					40	120	5240.060	5150 to 5250	Pass
					50	120	5240.060	5150 to 5250	Pass
		5745	/	/	20	102	5745.060	5725 to 5850	Pass
						120	5745.040	5725 to 5850	Pass
						138	5745.040	5725 to 5850	Pass
					-30	120	5745.060	5725 to 5850	Pass
					-20	120	5745.080	5725 to 5850	Pass
					-10	120	5745.040	5725 to 5850	Pass
					0	120	5745.020	5725 to 5850	Pass
					10	120	5745.060	5725 to 5850	Pass
					30	120	5745.040	5725 to 5850	Pass
					40	120	5745.060	5725 to 5850	Pass
					50	120	5745.020	5725 to 5850	Pass
		5785	/	/	20	102	5785.060	5725 to 5850	Pass
						120	5785.080	5725 to 5850	Pass
						138	5785.060	5725 to 5850	Pass
					-30	120	5785.040	5725 to 5850	Pass
					-20	120	5785.060	5725 to 5850	Pass

					-10	120	5785.020	5725 to 5850	Pass
					0	120	5785.060	5725 to 5850	Pass
					10	120	5785.040	5725 to 5850	Pass
					30	120	5785.040	5725 to 5850	Pass
					40	120	5785.040	5725 to 5850	Pass
					50	120	5785.060	5725 to 5850	Pass
		5825	/	/	20	102	5825.040	5725 to 5850	Pass
						120	5825.040	5725 to 5850	Pass
						138	5825.000	5725 to 5850	Pass
					-30	120	5825.060	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.020	5725 to 5850	Pass
					0	120	5825.020	5725 to 5850	Pass
					10	120	5825.020	5725 to 5850	Pass
					30	120	5825.060	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5825.060	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	/	/	20	102	5190.080	5150 to 5250	Pass
						120	5190.080	5150 to 5250	Pass
						138	5190.120	5150 to 5250	Pass
					-30	120	5190.120	5150 to 5250	Pass
					-20	120	5190.120	5150 to 5250	Pass
					-10	120	5190.120	5150 to 5250	Pass
					0	120	5190.080	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.120	5150 to 5250	Pass
					40	120	5190.120	5150 to 5250	Pass
					50	120	5190.080	5150 to 5250	Pass
		5230	/	/	20	102	5230.120	5150 to 5250	Pass
						120	5230.120	5150 to 5250	Pass
						138	5230.080	5150 to 5250	Pass
					-30	120	5230.120	5150 to 5250	Pass
					-20	120	5230.080	5150 to 5250	Pass
					-10	120	5230.040	5150 to 5250	Pass
					0	120	5230.080	5150 to 5250	Pass
					10	120	5230.080	5150 to 5250	Pass
					30	120	5230.040	5150 to 5250	Pass
					40	120	5230.120	5150 to 5250	Pass

					50	120	5230.080	5150 to 5250	Pass
		5755	/	/	20	102	5755.080	5725 to 5850	Pass
						120	5755.080	5725 to 5850	Pass
						138	5755.080	5725 to 5850	Pass
					-30	120	5755.080	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.080	5725 to 5850	Pass
					0	120	5755.080	5725 to 5850	Pass
					10	120	5755.080	5725 to 5850	Pass
					30	120	5755.080	5725 to 5850	Pass
					40	120	5755.080	5725 to 5850	Pass
					50	120	5755.080	5725 to 5850	Pass
		5795	/	/	20	102	5795.120	5725 to 5850	Pass
						120	5795.080	5725 to 5850	Pass
						138	5795.080	5725 to 5850	Pass
					-30	120	5795.040	5725 to 5850	Pass
					-20	120	5795.080	5725 to 5850	Pass
					-10	120	5795.160	5725 to 5850	Pass
					0	120	5795.080	5725 to 5850	Pass
					10	120	5795.080	5725 to 5850	Pass
					30	120	5795.200	5725 to 5850	Pass
					40	120	5795.120	5725 to 5850	Pass
					50	120	5795.120	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	/	/	20	102	5210.075	5150 to 5250	Pass
						120	5210.150	5150 to 5250	Pass
						138	5210.075	5150 to 5250	Pass
					-30	120	5210.075	5150 to 5250	Pass
					-20	120	5210.075	5150 to 5250	Pass
					-10	120	5210.075	5150 to 5250	Pass
					0	120	5210.075	5150 to 5250	Pass
					10	120	5210.150	5150 to 5250	Pass
					30	120	5210.150	5150 to 5250	Pass
					40	120	5210.075	5150 to 5250	Pass
					50	120	5210.075	5150 to 5250	Pass
		5775	/	/	20	102	5775.075	5725 to 5850	Pass
						120	5775.075	5725 to 5850	Pass
						138	5775.225	5725 to 5850	Pass
					-30	120	5775.150	5725 to 5850	Pass

					-20	120	5775.150	5725 to 5850	Pass
					-10	120	5775.150	5725 to 5850	Pass
					0	120	5775.075	5725 to 5850	Pass
					10	120	5775.225	5725 to 5850	Pass
					30	120	5775.150	5725 to 5850	Pass
					40	120	5775.150	5725 to 5850	Pass
					50	120	5775.150	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	20	102	5180.040	5150 to 5250	Pass
						120	5180.120	5150 to 5250	Pass
						138	5179.960	5150 to 5250	Pass
					-30	120	5180.060	5150 to 5250	Pass
					-20	120	5180.060	5150 to 5250	Pass
					-10	120	5180.080	5150 to 5250	Pass
					0	120	5180.040	5150 to 5250	Pass
					10	120	5180.060	5150 to 5250	Pass
					30	120	5180.080	5150 to 5250	Pass
					40	120	5180.060	5150 to 5250	Pass
					50	120	5180.060	5150 to 5250	Pass
		5200	RU242	Left	20	102	5200.100	5150 to 5250	Pass
						120	5200.000	5150 to 5250	Pass
						138	5200.020	5150 to 5250	Pass
					-30	120	5200.040	5150 to 5250	Pass
					-20	120	5200.040	5150 to 5250	Pass
					-10	120	5200.040	5150 to 5250	Pass
					0	120	5200.040	5150 to 5250	Pass
					10	120	5200.000	5150 to 5250	Pass
					30	120	5200.040	5150 to 5250	Pass
					40	120	5200.040	5150 to 5250	Pass
					50	120	5200.040	5150 to 5250	Pass
		5240	RU242	Left	20	102	5239.960	5150 to 5250	Pass
						120	5240.020	5150 to 5250	Pass
						138	5240.100	5150 to 5250	Pass
					-30	120	5240.040	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.020	5150 to 5250	Pass
					0	120	5240.080	5150 to 5250	Pass
					10	120	5240.040	5150 to 5250	Pass
					30	120	5239.960	5150 to 5250	Pass

					40	120	5240.040	5150 to 5250	Pass
					50	120	5240.060	5150 to 5250	Pass
		5745	RU242	Left	20	102	5745.040	5725 to 5850	Pass
						120	5745.080	5725 to 5850	Pass
						138	5745.080	5725 to 5850	Pass
					-30	120	5745.040	5725 to 5850	Pass
					-20	120	5745.040	5725 to 5850	Pass
					-10	120	5745.040	5725 to 5850	Pass
					0	120	5745.060	5725 to 5850	Pass
					10	120	5745.080	5725 to 5850	Pass
					30	120	5745.040	5725 to 5850	Pass
					40	120	5745.040	5725 to 5850	Pass
					50	120	5745.040	5725 to 5850	Pass
		5785	RU242	Left	20	102	5785.140	5725 to 5850	Pass
						120	5785.040	5725 to 5850	Pass
						138	5785.100	5725 to 5850	Pass
					-30	120	5785.040	5725 to 5850	Pass
					-20	120	5785.140	5725 to 5850	Pass
					-10	120	5785.060	5725 to 5850	Pass
					0	120	5785.000	5725 to 5850	Pass
					10	120	5785.040	5725 to 5850	Pass
					30	120	5785.080	5725 to 5850	Pass
					40	120	5785.100	5725 to 5850	Pass
					50	120	5785.040	5725 to 5850	Pass
		5825	RU242	Left	20	102	5825.040	5725 to 5850	Pass
						120	5825.060	5725 to 5850	Pass
						138	5825.000	5725 to 5850	Pass
					-30	120	5825.080	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.040	5725 to 5850	Pass
					0	120	5825.020	5725 to 5850	Pass
					10	120	5825.100	5725 to 5850	Pass
					30	120	5825.020	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5825.040	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	20	102	5190.080	5150 to 5250	Pass
						120	5190.120	5150 to 5250	Pass
						138	5190.120	5150 to 5250	Pass

					-30	120	5190.160	5150 to 5250	Pass
					-20	120	5190.160	5150 to 5250	Pass
					-10	120	5190.120	5150 to 5250	Pass
					0	120	5190.080	5150 to 5250	Pass
					10	120	5190.120	5150 to 5250	Pass
					30	120	5190.120	5150 to 5250	Pass
					40	120	5190.080	5150 to 5250	Pass
					50	120	5190.080	5150 to 5250	Pass
		5230	RU484	Left	20	102	5230.080	5150 to 5250	Pass
						120	5230.120	5150 to 5250	Pass
						138	5230.080	5150 to 5250	Pass
					-30	120	5230.080	5150 to 5250	Pass
					-20	120	5230.160	5150 to 5250	Pass
					-10	120	5230.080	5150 to 5250	Pass
					0	120	5230.120	5150 to 5250	Pass
					10	120	5230.080	5150 to 5250	Pass
					30	120	5230.080	5150 to 5250	Pass
					40	120	5230.160	5150 to 5250	Pass
					50	120	5230.080	5150 to 5250	Pass
		5755	RU484	Left	20	102	5755.080	5725 to 5850	Pass
						120	5755.120	5725 to 5850	Pass
						138	5755.120	5725 to 5850	Pass
					-30	120	5755.120	5725 to 5850	Pass
					-20	120	5755.040	5725 to 5850	Pass
					-10	120	5755.120	5725 to 5850	Pass
					0	120	5755.120	5725 to 5850	Pass
					10	120	5755.080	5725 to 5850	Pass
					30	120	5755.080	5725 to 5850	Pass
					40	120	5755.080	5725 to 5850	Pass
					50	120	5755.080	5725 to 5850	Pass
		5795	RU484	Left	20	102	5795.160	5725 to 5850	Pass
						120	5795.120	5725 to 5850	Pass
						138	5795.120	5725 to 5850	Pass
					-30	120	5795.040	5725 to 5850	Pass
					-20	120	5795.120	5725 to 5850	Pass
					-10	120	5795.120	5725 to 5850	Pass
					0	120	5795.120	5725 to 5850	Pass
					10	120	5795.120	5725 to 5850	Pass

					30	120	5795.040	5725 to 5850	Pass
					40	120	5795.120	5725 to 5850	Pass
					50	120	5795.120	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	20	102	5210.076	5150 to 5250	Pass
						120	5210.076	5150 to 5250	Pass
						138	5210.076	5150 to 5250	Pass
					-30	120	5210.076	5150 to 5250	Pass
					-20	120	5210.151	5150 to 5250	Pass
					-10	120	5210.000	5150 to 5250	Pass
					0	120	5210.076	5150 to 5250	Pass
					10	120	5210.151	5150 to 5250	Pass
					30	120	5210.076	5150 to 5250	Pass
					40	120	5210.076	5150 to 5250	Pass
					50	120	5210.076	5150 to 5250	Pass
		5775	RU996	Left	20	102	5775.076	5725 to 5850	Pass
						120	5775.151	5725 to 5850	Pass
						138	5775.076	5725 to 5850	Pass
					-30	120	5775.151	5725 to 5850	Pass
					-20	120	5775.076	5725 to 5850	Pass
					-10	120	5775.000	5725 to 5850	Pass
					0	120	5775.076	5725 to 5850	Pass
					10	120	5775.076	5725 to 5850	Pass
					30	120	5775.076	5725 to 5850	Pass
					40	120	5775.151	5725 to 5850	Pass
					50	120	5775.076	5725 to 5850	Pass

Antenna 3:

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	/	20	102	5180.000	5150 to 5250	Pass
						120	5180.060	5150 to 5250	Pass
						138	5180.020	5150 to 5250	Pass
					-30	120	5180.000	5150 to 5250	Pass
					-20	120	5180.020	5150 to 5250	Pass
					-10	120	5180.040	5150 to 5250	Pass
					0	120	5180.040	5150 to 5250	Pass
					10	120	5180.040	5150 to 5250	Pass
					30	120	5180.020	5150 to 5250	Pass
					40	120	5180.000	5150 to 5250	Pass
					50	120	5180.040	5150 to 5250	Pass
		5200	/	/	20	102	5200.040	5150 to 5250	Pass
						120	5200.040	5150 to 5250	Pass
						138	5200.020	5150 to 5250	Pass
					-30	120	5200.060	5150 to 5250	Pass
					-20	120	5200.040	5150 to 5250	Pass
					-10	120	5200.000	5150 to 5250	Pass
					0	120	5200.020	5150 to 5250	Pass
					10	120	5200.040	5150 to 5250	Pass
					30	120	5200.060	5150 to 5250	Pass
					40	120	5200.020	5150 to 5250	Pass
					50	120	5200.020	5150 to 5250	Pass
		5240	/	/	20	102	5240.000	5150 to 5250	Pass
						120	5240.040	5150 to 5250	Pass
						138	5240.020	5150 to 5250	Pass
					-30	120	5240.040	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.000	5150 to 5250	Pass
					0	120	5240.020	5150 to 5250	Pass
					10	120	5240.040	5150 to 5250	Pass
					30	120	5240.060	5150 to 5250	Pass
					40	120	5240.060	5150 to 5250	Pass
					50	120	5240.020	5150 to 5250	Pass
		5745	/	/	20	102	5744.980	5725 to 5850	Pass
						120	5745.020	5725 to 5850	Pass

						138	5745.000	5725 to 5850	Pass
					-30	120	5745.040	5725 to 5850	Pass
					-20	120	5745.040	5725 to 5850	Pass
					-10	120	5745.040	5725 to 5850	Pass
					0	120	5745.040	5725 to 5850	Pass
					10	120	5745.040	5725 to 5850	Pass
					30	120	5745.020	5725 to 5850	Pass
					40	120	5745.040	5725 to 5850	Pass
					50	120	5745.040	5725 to 5850	Pass
		5785	/	/	20	102	5785.060	5725 to 5850	Pass
						120	5785.020	5725 to 5850	Pass
						138	5785.000	5725 to 5850	Pass
					-30	120	5785.060	5725 to 5850	Pass
					-20	120	5785.000	5725 to 5850	Pass
					-10	120	5785.020	5725 to 5850	Pass
					0	120	5785.040	5725 to 5850	Pass
					10	120	5785.040	5725 to 5850	Pass
					30	120	5785.000	5725 to 5850	Pass
					40	120	5785.020	5725 to 5850	Pass
					50	120	5785.060	5725 to 5850	Pass
		5825	/	/	20	102	5825.040	5725 to 5850	Pass
						120	5825.000	5725 to 5850	Pass
						138	5825.020	5725 to 5850	Pass
					-30	120	5825.020	5725 to 5850	Pass
					-20	120	5825.020	5725 to 5850	Pass
					-10	120	5825.020	5725 to 5850	Pass
					0	120	5825.040	5725 to 5850	Pass
					10	120	5825.040	5725 to 5850	Pass
					30	120	5825.020	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5825.000	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	/	/	20	102	5180.000	5150 to 5250	Pass
						120	5180.100	5150 to 5250	Pass
						138	5180.060	5150 to 5250	Pass
					-30	120	5180.060	5150 to 5250	Pass
					-20	120	5180.000	5150 to 5250	Pass
					-10	120	5180.020	5150 to 5250	Pass
					0	120	5180.020	5150 to 5250	Pass

					10	120	5180.080	5150 to 5250	Pass
					30	120	5180.000	5150 to 5250	Pass
					40	120	5180.080	5150 to 5250	Pass
					50	120	5180.080	5150 to 5250	Pass
		5200	/	/	20	102	5200.080	5150 to 5250	Pass
						120	5200.060	5150 to 5250	Pass
						138	5200.080	5150 to 5250	Pass
					-30	120	5200.040	5150 to 5250	Pass
					-20	120	5200.040	5150 to 5250	Pass
					-10	120	5200.060	5150 to 5250	Pass
					0	120	5200.040	5150 to 5250	Pass
					10	120	5200.040	5150 to 5250	Pass
					30	120	5200.040	5150 to 5250	Pass
					40	120	5200.020	5150 to 5250	Pass
					50	120	5200.040	5150 to 5250	Pass
		5240	/	/	20	102	5240.000	5150 to 5250	Pass
						120	5240.080	5150 to 5250	Pass
						138	5240.040	5150 to 5250	Pass
					-30	120	5240.060	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.000	5150 to 5250	Pass
					0	120	5240.020	5150 to 5250	Pass
					10	120	5240.100	5150 to 5250	Pass
					30	120	5240.040	5150 to 5250	Pass
					40	120	5240.020	5150 to 5250	Pass
					50	120	5240.020	5150 to 5250	Pass
		5745	/	/	20	102	5745.020	5725 to 5850	Pass
						120	5745.080	5725 to 5850	Pass
						138	5744.960	5725 to 5850	Pass
					-30	120	5745.000	5725 to 5850	Pass
					-20	120	5745.040	5725 to 5850	Pass
					-10	120	5745.060	5725 to 5850	Pass
					0	120	5744.980	5725 to 5850	Pass
					10	120	5745.040	5725 to 5850	Pass
					30	120	5745.020	5725 to 5850	Pass
					40	120	5745.020	5725 to 5850	Pass
					50	120	5745.040	5725 to 5850	Pass
		5785	/	/	20	102	5785.020	5725 to 5850	Pass

						120	5785.080	5725 to 5850	Pass
						138	5785.040	5725 to 5850	Pass
					-30	120	5785.060	5725 to 5850	Pass
					-20	120	5785.000	5725 to 5850	Pass
					-10	120	5785.040	5725 to 5850	Pass
					0	120	5785.100	5725 to 5850	Pass
					10	120	5785.000	5725 to 5850	Pass
					30	120	5785.040	5725 to 5850	Pass
					40	120	5785.080	5725 to 5850	Pass
					50	120	5785.060	5725 to 5850	Pass
		5825	/	/	20	102	5825.040	5725 to 5850	Pass
						120	5825.060	5725 to 5850	Pass
						138	5825.060	5725 to 5850	Pass
					-30	120	5825.040	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.080	5725 to 5850	Pass
					0	120	5825.060	5725 to 5850	Pass
					10	120	5825.040	5725 to 5850	Pass
					30	120	5825.000	5725 to 5850	Pass
					40	120	5825.040	5725 to 5850	Pass
					50	120	5825.060	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	/	/	20	102	5190.080	5150 to 5250	Pass
						120	5190.040	5150 to 5250	Pass
						138	5190.160	5150 to 5250	Pass
					-30	120	5190.120	5150 to 5250	Pass
					-20	120	5190.080	5150 to 5250	Pass
					-10	120	5190.080	5150 to 5250	Pass
					0	120	5190.040	5150 to 5250	Pass
					10	120	5190.120	5150 to 5250	Pass
					30	120	5190.080	5150 to 5250	Pass
					40	120	5190.120	5150 to 5250	Pass
					50	120	5190.080	5150 to 5250	Pass
		5230	/	/	20	102	5230.120	5150 to 5250	Pass
						120	5230.080	5150 to 5250	Pass
						138	5230.120	5150 to 5250	Pass
					-30	120	5230.080	5150 to 5250	Pass
					-20	120	5230.120	5150 to 5250	Pass
					-10	120	5230.080	5150 to 5250	Pass

					0	120	5230.120	5150 to 5250	Pass
					10	120	5230.080	5150 to 5250	Pass
					30	120	5230.120	5150 to 5250	Pass
					40	120	5230.080	5150 to 5250	Pass
					50	120	5230.120	5150 to 5250	Pass
		5755	/	/	20	102	5755.040	5725 to 5850	Pass
						120	5755.040	5725 to 5850	Pass
						138	5755.080	5725 to 5850	Pass
					-30	120	5755.080	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.080	5725 to 5850	Pass
					0	120	5755.120	5725 to 5850	Pass
					10	120	5755.080	5725 to 5850	Pass
					30	120	5755.080	5725 to 5850	Pass
					40	120	5755.080	5725 to 5850	Pass
					50	120	5755.080	5725 to 5850	Pass
		5795	/	/	20	102	5795.120	5725 to 5850	Pass
						120	5795.120	5725 to 5850	Pass
						138	5795.080	5725 to 5850	Pass
					-30	120	5795.080	5725 to 5850	Pass
					-20	120	5795.040	5725 to 5850	Pass
					-10	120	5795.120	5725 to 5850	Pass
					0	120	5795.120	5725 to 5850	Pass
					10	120	5795.080	5725 to 5850	Pass
					30	120	5795.120	5725 to 5850	Pass
					40	120	5795.080	5725 to 5850	Pass
					50	120	5795.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	/	/	20	102	5180.020	5150 to 5250	Pass
						120	5180.040	5150 to 5250	Pass
						138	5180.040	5150 to 5250	Pass
					-30	120	5180.040	5150 to 5250	Pass
					-20	120	5179.980	5150 to 5250	Pass
					-10	120	5180.040	5150 to 5250	Pass
					0	120	5180.040	5150 to 5250	Pass
					10	120	5180.000	5150 to 5250	Pass
					30	120	5180.080	5150 to 5250	Pass
					40	120	5180.020	5150 to 5250	Pass
					50	120	5180.040	5150 to 5250	Pass

		5200	/	/	20	102	5200.060	5150 to 5250	Pass
						120	5200.060	5150 to 5250	Pass
						138	5200.060	5150 to 5250	Pass
					-30	120	5200.100	5150 to 5250	Pass
					-20	120	5200.040	5150 to 5250	Pass
					-10	120	5200.060	5150 to 5250	Pass
					0	120	5200.020	5150 to 5250	Pass
					10	120	5200.000	5150 to 5250	Pass
					30	120	5200.080	5150 to 5250	Pass
					40	120	5200.060	5150 to 5250	Pass
					50	120	5200.080	5150 to 5250	Pass
		5240	/	/	20	102	5240.020	5150 to 5250	Pass
						120	5240.040	5150 to 5250	Pass
						138	5240.040	5150 to 5250	Pass
					-30	120	5240.080	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.060	5150 to 5250	Pass
					0	120	5240.040	5150 to 5250	Pass
					10	120	5240.060	5150 to 5250	Pass
					30	120	5240.020	5150 to 5250	Pass
					40	120	5240.020	5150 to 5250	Pass
					50	120	5240.060	5150 to 5250	Pass
		5745	/	/	20	102	5745.020	5725 to 5850	Pass
						120	5745.000	5725 to 5850	Pass
						138	5745.020	5725 to 5850	Pass
					-30	120	5745.060	5725 to 5850	Pass
					-20	120	5745.020	5725 to 5850	Pass
					-10	120	5745.040	5725 to 5850	Pass
					0	120	5745.040	5725 to 5850	Pass
					10	120	5745.020	5725 to 5850	Pass
					30	120	5745.080	5725 to 5850	Pass
					40	120	5745.060	5725 to 5850	Pass
					50	120	5745.060	5725 to 5850	Pass
		5785	/	/	20	102	5785.020	5725 to 5850	Pass
						120	5785.080	5725 to 5850	Pass
						138	5785.060	5725 to 5850	Pass
					-30	120	5785.040	5725 to 5850	Pass
					-20	120	5785.080	5725 to 5850	Pass

					-10	120	5785.060	5725 to 5850	Pass
					0	120	5785.080	5725 to 5850	Pass
					10	120	5785.080	5725 to 5850	Pass
					30	120	5785.040	5725 to 5850	Pass
					40	120	5785.020	5725 to 5850	Pass
					50	120	5785.080	5725 to 5850	Pass
		5825	/	/	20	102	5825.020	5725 to 5850	Pass
						120	5825.040	5725 to 5850	Pass
						138	5825.040	5725 to 5850	Pass
					-30	120	5825.100	5725 to 5850	Pass
					-20	120	5825.020	5725 to 5850	Pass
					-10	120	5825.020	5725 to 5850	Pass
					0	120	5825.080	5725 to 5850	Pass
					10	120	5825.020	5725 to 5850	Pass
					30	120	5825.060	5725 to 5850	Pass
					40	120	5825.020	5725 to 5850	Pass
					50	120	5825.040	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	/	/	20	102	5190.080	5150 to 5250	Pass
						120	5190.120	5150 to 5250	Pass
						138	5190.080	5150 to 5250	Pass
					-30	120	5190.120	5150 to 5250	Pass
					-20	120	5190.120	5150 to 5250	Pass
					-10	120	5190.120	5150 to 5250	Pass
					0	120	5190.120	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.040	5150 to 5250	Pass
					40	120	5190.120	5150 to 5250	Pass
					50	120	5190.120	5150 to 5250	Pass
		5230	/	/	20	102	5230.120	5150 to 5250	Pass
						120	5230.080	5150 to 5250	Pass
						138	5230.080	5150 to 5250	Pass
					-30	120	5230.080	5150 to 5250	Pass
					-20	120	5230.080	5150 to 5250	Pass
					-10	120	5230.120	5150 to 5250	Pass
					0	120	5230.120	5150 to 5250	Pass
					10	120	5230.120	5150 to 5250	Pass
					30	120	5230.120	5150 to 5250	Pass
					40	120	5230.080	5150 to 5250	Pass

					50	120	5230.080	5150 to 5250	Pass
		5755	/	/	20	102	5755.080	5725 to 5850	Pass
						120	5755.040	5725 to 5850	Pass
						138	5755.080	5725 to 5850	Pass
					-30	120	5755.040	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.120	5725 to 5850	Pass
					0	120	5755.040	5725 to 5850	Pass
					10	120	5755.080	5725 to 5850	Pass
					30	120	5755.120	5725 to 5850	Pass
					40	120	5755.120	5725 to 5850	Pass
					50	120	5755.040	5725 to 5850	Pass
		5795	/	/	20	102	5795.080	5725 to 5850	Pass
						120	5795.080	5725 to 5850	Pass
						138	5795.120	5725 to 5850	Pass
					-30	120	5795.120	5725 to 5850	Pass
					-20	120	5795.080	5725 to 5850	Pass
					-10	120	5795.080	5725 to 5850	Pass
					0	120	5795.080	5725 to 5850	Pass
					10	120	5795.080	5725 to 5850	Pass
					30	120	5795.080	5725 to 5850	Pass
					40	120	5795.160	5725 to 5850	Pass
					50	120	5795.080	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	/	/	20	102	5210.150	5150 to 5250	Pass
						120	5210.150	5150 to 5250	Pass
						138	5210.150	5150 to 5250	Pass
					-30	120	5210.150	5150 to 5250	Pass
					-20	120	5210.150	5150 to 5250	Pass
					-10	120	5210.150	5150 to 5250	Pass
					0	120	5210.150	5150 to 5250	Pass
					10	120	5210.150	5150 to 5250	Pass
					30	120	5210.150	5150 to 5250	Pass
					40	120	5210.150	5150 to 5250	Pass
					50	120	5210.075	5150 to 5250	Pass
		5775	/	/	20	102	5775.075	5725 to 5850	Pass
						120	5775.075	5725 to 5850	Pass
						138	5775.075	5725 to 5850	Pass
					-30	120	5775.075	5725 to 5850	Pass

					-20	120	5775.075	5725 to 5850	Pass
					-10	120	5775.075	5725 to 5850	Pass
					0	120	5775.075	5725 to 5850	Pass
					10	120	5775.075	5725 to 5850	Pass
					30	120	5775.075	5725 to 5850	Pass
					40	120	5775.075	5725 to 5850	Pass
					50	120	5775.150	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	20	102	5180.000	5150 to 5250	Pass
						120	5180.060	5150 to 5250	Pass
						138	5180.020	5150 to 5250	Pass
					-30	120	5180.000	5150 to 5250	Pass
					-20	120	5180.060	5150 to 5250	Pass
					-10	120	5180.020	5150 to 5250	Pass
					0	120	5180.020	5150 to 5250	Pass
					10	120	5180.060	5150 to 5250	Pass
					30	120	5180.060	5150 to 5250	Pass
					40	120	5179.980	5150 to 5250	Pass
					50	120	5180.060	5150 to 5250	Pass
		5200	RU242	Left	20	102	5200.040	5150 to 5250	Pass
						120	5200.020	5150 to 5250	Pass
						138	5200.060	5150 to 5250	Pass
					-30	120	5200.060	5150 to 5250	Pass
					-20	120	5200.060	5150 to 5250	Pass
					-10	120	5200.080	5150 to 5250	Pass
					0	120	5200.020	5150 to 5250	Pass
					10	120	5200.060	5150 to 5250	Pass
					30	120	5200.040	5150 to 5250	Pass
					40	120	5200.020	5150 to 5250	Pass
					50	120	5200.060	5150 to 5250	Pass
		5240	RU242	Left	20	102	5240.000	5150 to 5250	Pass
						120	5240.080	5150 to 5250	Pass
						138	5240.040	5150 to 5250	Pass
					-30	120	5240.000	5150 to 5250	Pass
					-20	120	5240.080	5150 to 5250	Pass
					-10	120	5240.100	5150 to 5250	Pass
					0	120	5240.040	5150 to 5250	Pass
					10	120	5239.960	5150 to 5250	Pass
					30	120	5240.100	5150 to 5250	Pass

					40	120	5240.020	5150 to 5250	Pass
					50	120	5240.100	5150 to 5250	Pass
		5745	RU242	Left	20	102	5745.020	5725 to 5850	Pass
						120	5745.040	5725 to 5850	Pass
						138	5745.060	5725 to 5850	Pass
					-30	120	5745.020	5725 to 5850	Pass
					-20	120	5744.980	5725 to 5850	Pass
					-10	120	5745.060	5725 to 5850	Pass
					0	120	5745.000	5725 to 5850	Pass
					10	120	5745.040	5725 to 5850	Pass
					30	120	5744.980	5725 to 5850	Pass
					40	120	5745.080	5725 to 5850	Pass
					50	120	5745.020	5725 to 5850	Pass
		5785	RU242	Left	20	102	5785.040	5725 to 5850	Pass
						120	5785.040	5725 to 5850	Pass
						138	5785.040	5725 to 5850	Pass
					-30	120	5785.080	5725 to 5850	Pass
					-20	120	5785.100	5725 to 5850	Pass
					-10	120	5785.060	5725 to 5850	Pass
					0	120	5785.020	5725 to 5850	Pass
					10	120	5785.060	5725 to 5850	Pass
					30	120	5785.060	5725 to 5850	Pass
					40	120	5785.000	5725 to 5850	Pass
					50	120	5785.040	5725 to 5850	Pass
		5825	RU242	Left	20	102	5825.000	5725 to 5850	Pass
						120	5825.060	5725 to 5850	Pass
						138	5825.060	5725 to 5850	Pass
					-30	120	5825.040	5725 to 5850	Pass
					-20	120	5825.020	5725 to 5850	Pass
					-10	120	5824.960	5725 to 5850	Pass
					0	120	5825.060	5725 to 5850	Pass
					10	120	5825.020	5725 to 5850	Pass
					30	120	5825.020	5725 to 5850	Pass
					40	120	5825.000	5725 to 5850	Pass
					50	120	5825.000	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	20	102	5190.120	5150 to 5250	Pass
						120	5190.120	5150 to 5250	Pass
						138	5190.120	5150 to 5250	Pass

					-30	120	5190.040	5150 to 5250	Pass
					-20	120	5190.080	5150 to 5250	Pass
					-10	120	5190.040	5150 to 5250	Pass
					0	120	5190.160	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.080	5150 to 5250	Pass
					40	120	5190.080	5150 to 5250	Pass
					50	120	5190.160	5150 to 5250	Pass
		5230	RU484	Left	20	102	5230.000	5150 to 5250	Pass
						120	5230.120	5150 to 5250	Pass
						138	5230.120	5150 to 5250	Pass
					-30	120	5230.120	5150 to 5250	Pass
					-20	120	5230.080	5150 to 5250	Pass
					-10	120	5230.120	5150 to 5250	Pass
					0	120	5230.120	5150 to 5250	Pass
					10	120	5230.040	5150 to 5250	Pass
					30	120	5230.080	5150 to 5250	Pass
					40	120	5230.080	5150 to 5250	Pass
					50	120	5230.120	5150 to 5250	Pass
		5755	RU484	Left	20	102	5755.080	5725 to 5850	Pass
						120	5755.080	5725 to 5850	Pass
						138	5755.040	5725 to 5850	Pass
					-30	120	5755.080	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.040	5725 to 5850	Pass
					0	120	5755.120	5725 to 5850	Pass
					10	120	5755.120	5725 to 5850	Pass
					30	120	5755.120	5725 to 5850	Pass
					40	120	5755.120	5725 to 5850	Pass
					50	120	5755.040	5725 to 5850	Pass
		5795	RU484	Left	20	102	5795.160	5725 to 5850	Pass
						120	5795.200	5725 to 5850	Pass
						138	5795.000	5725 to 5850	Pass
					-30	120	5795.120	5725 to 5850	Pass
					-20	120	5795.040	5725 to 5850	Pass
					-10	120	5795.120	5725 to 5850	Pass
					0	120	5795.080	5725 to 5850	Pass
					10	120	5795.080	5725 to 5850	Pass

					30	120	5795.120	5725 to 5850	Pass
					40	120	5795.080	5725 to 5850	Pass
					50	120	5795.160	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	20	102	5210.000	5150 to 5250	Pass
						120	5210.075	5150 to 5250	Pass
						138	5210.150	5150 to 5250	Pass
					-30	120	5210.075	5150 to 5250	Pass
					-20	120	5210.226	5150 to 5250	Pass
					-10	120	5210.151	5150 to 5250	Pass
					0	120	5210.075	5150 to 5250	Pass
					10	120	5210.150	5150 to 5250	Pass
					30	120	5210.075	5150 to 5250	Pass
					40	120	5210.075	5150 to 5250	Pass
					50	120	5210.150	5150 to 5250	Pass
		5775	RU996	Left	20	102	5775.150	5725 to 5850	Pass
						120	5775.151	5725 to 5850	Pass
						138	5775.075	5725 to 5850	Pass
					-30	120	5775.150	5725 to 5850	Pass
					-20	120	5775.075	5725 to 5850	Pass
					-10	120	5775.075	5725 to 5850	Pass
					0	120	5775.075	5725 to 5850	Pass
					10	120	5775.075	5725 to 5850	Pass
					30	120	5775.075	5725 to 5850	Pass
					40	120	5775.000	5725 to 5850	Pass
					50	120	5775.075	5725 to 5850	Pass

Antenna 4:

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	/	20	102	5180.040	5150 to 5250	Pass
						120	5180.000	5150 to 5250	Pass
						138	5180.040	5150 to 5250	Pass
					-30	120	5180.040	5150 to 5250	Pass
					-20	120	5180.040	5150 to 5250	Pass
					-10	120	5179.980	5150 to 5250	Pass
					0	120	5180.000	5150 to 5250	Pass
					10	120	5180.040	5150 to 5250	Pass
					30	120	5180.040	5150 to 5250	Pass
					40	120	5179.960	5150 to 5250	Pass
					50	120	5180.000	5150 to 5250	Pass
		5200	/	/	20	102	5200.020	5150 to 5250	Pass
						120	5200.000	5150 to 5250	Pass
						138	5200.000	5150 to 5250	Pass
					-30	120	5200.000	5150 to 5250	Pass
					-20	120	5200.000	5150 to 5250	Pass
					-10	120	5200.000	5150 to 5250	Pass
					0	120	5200.000	5150 to 5250	Pass
					10	120	5200.000	5150 to 5250	Pass
					30	120	5199.960	5150 to 5250	Pass
					40	120	5200.020	5150 to 5250	Pass
					50	120	5199.980	5150 to 5250	Pass
		5240	/	/	20	102	5240.020	5150 to 5250	Pass
						120	5239.980	5150 to 5250	Pass
						138	5240.000	5150 to 5250	Pass
					-30	120	5239.960	5150 to 5250	Pass
					-20	120	5240.020	5150 to 5250	Pass
					-10	120	5240.000	5150 to 5250	Pass
					0	120	5240.000	5150 to 5250	Pass
					10	120	5240.000	5150 to 5250	Pass
					30	120	5240.020	5150 to 5250	Pass
					40	120	5240.020	5150 to 5250	Pass
					50	120	5240.000	5150 to 5250	Pass
		5745	/	/	20	102	5745.020	5725 to 5850	Pass
						120	5745.020	5725 to 5850	Pass

						138	5745.020	5725 to 5850	Pass
					-30	120	5745.040	5725 to 5850	Pass
					-20	120	5745.020	5725 to 5850	Pass
					-10	120	5745.020	5725 to 5850	Pass
					0	120	5745.000	5725 to 5850	Pass
					10	120	5745.020	5725 to 5850	Pass
					30	120	5745.020	5725 to 5850	Pass
					40	120	5745.040	5725 to 5850	Pass
					50	120	5745.040	5725 to 5850	Pass
		5785	/	/	20	102	5785.000	5725 to 5850	Pass
						120	5785.040	5725 to 5850	Pass
						138	5785.020	5725 to 5850	Pass
					-30	120	5785.020	5725 to 5850	Pass
					-20	120	5785.060	5725 to 5850	Pass
					-10	120	5785.020	5725 to 5850	Pass
					0	120	5785.020	5725 to 5850	Pass
					10	120	5785.020	5725 to 5850	Pass
					30	120	5785.020	5725 to 5850	Pass
					40	120	5785.020	5725 to 5850	Pass
					50	120	5785.040	5725 to 5850	Pass
		5825	/	/	20	102	5825.060	5725 to 5850	Pass
						120	5825.040	5725 to 5850	Pass
						138	5825.060	5725 to 5850	Pass
					-30	120	5825.000	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.040	5725 to 5850	Pass
					0	120	5825.020	5725 to 5850	Pass
					10	120	5825.000	5725 to 5850	Pass
					30	120	5825.040	5725 to 5850	Pass
					40	120	5825.020	5725 to 5850	Pass
					50	120	5825.040	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	/	/	20	102	5180.060	5150 to 5250	Pass
						120	5180.040	5150 to 5250	Pass
						138	5180.000	5150 to 5250	Pass
					-30	120	5180.060	5150 to 5250	Pass
					-20	120	5180.020	5150 to 5250	Pass
					-10	120	5180.040	5150 to 5250	Pass
					0	120	5180.000	5150 to 5250	Pass

					10	120	5180.020	5150 to 5250	Pass
					30	120	5180.060	5150 to 5250	Pass
					40	120	5180.020	5150 to 5250	Pass
					50	120	5180.040	5150 to 5250	Pass
		5200	/	/	20	102	5200.020	5150 to 5250	Pass
						120	5199.980	5150 to 5250	Pass
						138	5200.020	5150 to 5250	Pass
					-30	120	5200.040	5150 to 5250	Pass
					-20	120	5200.040	5150 to 5250	Pass
					-10	120	5200.020	5150 to 5250	Pass
					0	120	5200.000	5150 to 5250	Pass
					10	120	5200.020	5150 to 5250	Pass
					30	120	5200.040	5150 to 5250	Pass
					40	120	5200.020	5150 to 5250	Pass
					50	120	5200.060	5150 to 5250	Pass
		5240	/	/	20	102	5240.000	5150 to 5250	Pass
						120	5240.020	5150 to 5250	Pass
						138	5240.000	5150 to 5250	Pass
					-30	120	5240.060	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.020	5150 to 5250	Pass
					0	120	5240.000	5150 to 5250	Pass
					10	120	5240.020	5150 to 5250	Pass
					30	120	5240.020	5150 to 5250	Pass
					40	120	5240.060	5150 to 5250	Pass
					50	120	5239.980	5150 to 5250	Pass
		5745	/	/	20	102	5745.060	5725 to 5850	Pass
						120	5745.060	5725 to 5850	Pass
						138	5745.040	5725 to 5850	Pass
					-30	120	5745.000	5725 to 5850	Pass
					-20	120	5745.040	5725 to 5850	Pass
					-10	120	5745.060	5725 to 5850	Pass
					0	120	5745.100	5725 to 5850	Pass
					10	120	5745.080	5725 to 5850	Pass
					30	120	5745.060	5725 to 5850	Pass
					40	120	5745.000	5725 to 5850	Pass
					50	120	5745.040	5725 to 5850	Pass
		5785	/	/	20	102	5785.020	5725 to 5850	Pass

						120	5785.060	5725 to 5850	Pass
						138	5785.000	5725 to 5850	Pass
					-30	120	5785.060	5725 to 5850	Pass
					-20	120	5785.060	5725 to 5850	Pass
					-10	120	5785.060	5725 to 5850	Pass
					0	120	5785.020	5725 to 5850	Pass
					10	120	5785.060	5725 to 5850	Pass
					30	120	5785.020	5725 to 5850	Pass
					40	120	5785.040	5725 to 5850	Pass
					50	120	5785.060	5725 to 5850	Pass
		5825	/	/	20	102	5825.040	5725 to 5850	Pass
						120	5825.080	5725 to 5850	Pass
						138	5825.020	5725 to 5850	Pass
					-30	120	5825.040	5725 to 5850	Pass
					-20	120	5825.020	5725 to 5850	Pass
					-10	120	5825.040	5725 to 5850	Pass
					0	120	5825.040	5725 to 5850	Pass
					10	120	5825.060	5725 to 5850	Pass
					30	120	5825.020	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5825.060	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	/	/	20	102	5190.000	5150 to 5250	Pass
						120	5190.040	5150 to 5250	Pass
						138	5190.120	5150 to 5250	Pass
					-30	120	5190.040	5150 to 5250	Pass
					-20	120	5190.040	5150 to 5250	Pass
					-10	120	5190.080	5150 to 5250	Pass
					0	120	5190.040	5150 to 5250	Pass
					10	120	5190.040	5150 to 5250	Pass
					30	120	5190.080	5150 to 5250	Pass
					40	120	5190.080	5150 to 5250	Pass
					50	120	5190.040	5150 to 5250	Pass
		5230	/	/	20	102	5230.080	5150 to 5250	Pass
						120	5230.000	5150 to 5250	Pass
						138	5230.040	5150 to 5250	Pass
					-30	120	5230.120	5150 to 5250	Pass
					-20	120	5230.040	5150 to 5250	Pass
					-10	120	5230.080	5150 to 5250	Pass

					0	120	5230.120	5150 to 5250	Pass
					10	120	5230.120	5150 to 5250	Pass
					30	120	5230.080	5150 to 5250	Pass
					40	120	5230.000	5150 to 5250	Pass
					50	120	5230.040	5150 to 5250	Pass
		5755	/	/	20	102	5755.120	5725 to 5850	Pass
						120	5755.080	5725 to 5850	Pass
						138	5755.080	5725 to 5850	Pass
					-30	120	5755.120	5725 to 5850	Pass
					-20	120	5755.120	5725 to 5850	Pass
					-10	120	5755.080	5725 to 5850	Pass
					0	120	5755.120	5725 to 5850	Pass
					10	120	5755.120	5725 to 5850	Pass
					30	120	5755.080	5725 to 5850	Pass
					40	120	5755.040	5725 to 5850	Pass
					50	120	5755.080	5725 to 5850	Pass
		5795	/	/	20	102	5795.080	5725 to 5850	Pass
						120	5795.080	5725 to 5850	Pass
						138	5795.040	5725 to 5850	Pass
					-30	120	5795.080	5725 to 5850	Pass
					-20	120	5795.080	5725 to 5850	Pass
					-10	120	5795.040	5725 to 5850	Pass
					0	120	5795.080	5725 to 5850	Pass
					10	120	5795.080	5725 to 5850	Pass
					30	120	5795.080	5725 to 5850	Pass
					40	120	5795.080	5725 to 5850	Pass
					50	120	5795.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	/	/	20	102	5180.040	5150 to 5250	Pass
						120	5179.960	5150 to 5250	Pass
						138	5179.980	5150 to 5250	Pass
					-30	120	5180.000	5150 to 5250	Pass
					-20	120	5180.060	5150 to 5250	Pass
					-10	120	5179.980	5150 to 5250	Pass
					0	120	5180.020	5150 to 5250	Pass
					10	120	5180.040	5150 to 5250	Pass
					30	120	5180.020	5150 to 5250	Pass
					40	120	5180.000	5150 to 5250	Pass
					50	120	5180.020	5150 to 5250	Pass

		5200	/	/	20	102	5200.040	5150 to 5250	Pass
						120	5200.020	5150 to 5250	Pass
						138	5200.040	5150 to 5250	Pass
					-30	120	5200.020	5150 to 5250	Pass
					-20	120	5199.980	5150 to 5250	Pass
					-10	120	5200.060	5150 to 5250	Pass
					0	120	5200.020	5150 to 5250	Pass
					10	120	5200.000	5150 to 5250	Pass
					30	120	5200.000	5150 to 5250	Pass
					40	120	5200.040	5150 to 5250	Pass
					50	120	5199.980	5150 to 5250	Pass
		5240	/	/	20	102	5239.960	5150 to 5250	Pass
						120	5240.040	5150 to 5250	Pass
						138	5240.000	5150 to 5250	Pass
					-30	120	5240.040	5150 to 5250	Pass
					-20	120	5240.040	5150 to 5250	Pass
					-10	120	5240.060	5150 to 5250	Pass
					0	120	5240.020	5150 to 5250	Pass
					10	120	5240.020	5150 to 5250	Pass
					30	120	5240.020	5150 to 5250	Pass
					40	120	5240.040	5150 to 5250	Pass
					50	120	5239.980	5150 to 5250	Pass
		5745	/	/	20	102	5745.080	5725 to 5850	Pass
						120	5744.940	5725 to 5850	Pass
						138	5745.040	5725 to 5850	Pass
					-30	120	5745.060	5725 to 5850	Pass
					-20	120	5745.080	5725 to 5850	Pass
					-10	120	5745.040	5725 to 5850	Pass
					0	120	5745.080	5725 to 5850	Pass
					10	120	5745.060	5725 to 5850	Pass
					30	120	5745.040	5725 to 5850	Pass
					40	120	5745.060	5725 to 5850	Pass
					50	120	5745.060	5725 to 5850	Pass
		5785	/	/	20	102	5785.040	5725 to 5850	Pass
						120	5785.060	5725 to 5850	Pass
						138	5785.040	5725 to 5850	Pass
					-30	120	5785.080	5725 to 5850	Pass
					-20	120	5785.040	5725 to 5850	Pass

					-10	120	5785.060	5725 to 5850	Pass
					0	120	5785.080	5725 to 5850	Pass
					10	120	5785.080	5725 to 5850	Pass
					30	120	5785.040	5725 to 5850	Pass
					40	120	5785.040	5725 to 5850	Pass
					50	120	5785.060	5725 to 5850	Pass
		5825	/	/	20	102	5825.080	5725 to 5850	Pass
						120	5825.060	5725 to 5850	Pass
						138	5825.020	5725 to 5850	Pass
					-30	120	5825.040	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.040	5725 to 5850	Pass
					0	120	5825.080	5725 to 5850	Pass
					10	120	5825.060	5725 to 5850	Pass
					30	120	5825.040	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5825.020	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	/	/	20	102	5190.080	5150 to 5250	Pass
						120	5190.040	5150 to 5250	Pass
						138	5190.080	5150 to 5250	Pass
					-30	120	5190.000	5150 to 5250	Pass
					-20	120	5190.040	5150 to 5250	Pass
					-10	120	5190.040	5150 to 5250	Pass
					0	120	5190.080	5150 to 5250	Pass
					10	120	5190.000	5150 to 5250	Pass
					30	120	5190.040	5150 to 5250	Pass
					40	120	5190.040	5150 to 5250	Pass
					50	120	5190.080	5150 to 5250	Pass
		5230	/	/	20	102	5230.040	5150 to 5250	Pass
						120	5230.080	5150 to 5250	Pass
						138	5230.080	5150 to 5250	Pass
					-30	120	5230.080	5150 to 5250	Pass
					-20	120	5230.040	5150 to 5250	Pass
					-10	120	5230.080	5150 to 5250	Pass
					0	120	5230.080	5150 to 5250	Pass
					10	120	5230.080	5150 to 5250	Pass
					30	120	5230.040	5150 to 5250	Pass
					40	120	5230.040	5150 to 5250	Pass

					50	120	5230.040	5150 to 5250	Pass
		5755	/	/	20	102	5755.080	5725 to 5850	Pass
						120	5755.040	5725 to 5850	Pass
						138	5755.120	5725 to 5850	Pass
					-30	120	5755.080	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.080	5725 to 5850	Pass
					0	120	5755.080	5725 to 5850	Pass
					10	120	5755.080	5725 to 5850	Pass
					30	120	5755.080	5725 to 5850	Pass
					40	120	5755.120	5725 to 5850	Pass
					50	120	5755.040	5725 to 5850	Pass
		5795	/	/	20	102	5795.120	5725 to 5850	Pass
						120	5795.080	5725 to 5850	Pass
						138	5795.080	5725 to 5850	Pass
					-30	120	5795.040	5725 to 5850	Pass
					-20	120	5795.080	5725 to 5850	Pass
					-10	120	5795.040	5725 to 5850	Pass
					0	120	5795.080	5725 to 5850	Pass
					10	120	5795.120	5725 to 5850	Pass
					30	120	5795.080	5725 to 5850	Pass
					40	120	5795.080	5725 to 5850	Pass
					50	120	5795.120	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	/	/	20	102	5210.000	5150 to 5250	Pass
						120	5210.075	5150 to 5250	Pass
						138	5210.000	5150 to 5250	Pass
					-30	120	5210.000	5150 to 5250	Pass
					-20	120	5210.000	5150 to 5250	Pass
					-10	120	5210.150	5150 to 5250	Pass
					0	120	5210.075	5150 to 5250	Pass
					10	120	5210.000	5150 to 5250	Pass
					30	120	5210.000	5150 to 5250	Pass
					40	120	5210.075	5150 to 5250	Pass
					50	120	5210.000	5150 to 5250	Pass
		5775	/	/	20	102	5775.150	5725 to 5850	Pass
						120	5775.075	5725 to 5850	Pass
						138	5775.075	5725 to 5850	Pass
					-30	120	5775.075	5725 to 5850	Pass

					-20	120	5775.150	5725 to 5850	Pass
					-10	120	5775.075	5725 to 5850	Pass
					0	120	5775.075	5725 to 5850	Pass
					10	120	5775.075	5725 to 5850	Pass
					30	120	5775.075	5725 to 5850	Pass
					40	120	5775.150	5725 to 5850	Pass
					50	120	5775.075	5725 to 5850	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	20	102	5179.960	5150 to 5250	Pass
						120	5180.020	5150 to 5250	Pass
						138	5179.960	5150 to 5250	Pass
					-30	120	5180.040	5150 to 5250	Pass
					-20	120	5180.020	5150 to 5250	Pass
					-10	120	5180.020	5150 to 5250	Pass
					0	120	5180.000	5150 to 5250	Pass
					10	120	5180.080	5150 to 5250	Pass
					30	120	5180.020	5150 to 5250	Pass
					40	120	5180.000	5150 to 5250	Pass
					50	120	5180.000	5150 to 5250	Pass
		5200	RU242	Left	20	102	5200.040	5150 to 5250	Pass
						120	5200.060	5150 to 5250	Pass
						138	5199.980	5150 to 5250	Pass
					-30	120	5199.980	5150 to 5250	Pass
					-20	120	5200.080	5150 to 5250	Pass
					-10	120	5199.980	5150 to 5250	Pass
					0	120	5199.960	5150 to 5250	Pass
					10	120	5200.020	5150 to 5250	Pass
					30	120	5200.100	5150 to 5250	Pass
					40	120	5200.000	5150 to 5250	Pass
					50	120	5200.020	5150 to 5250	Pass
		5240	RU242	Left	20	102	5240.020	5150 to 5250	Pass
						120	5240.000	5150 to 5250	Pass
						138	5240.080	5150 to 5250	Pass
					-30	120	5240.000	5150 to 5250	Pass
					-20	120	5240.060	5150 to 5250	Pass
					-10	120	5240.040	5150 to 5250	Pass
					0	120	5240.080	5150 to 5250	Pass
					10	120	5240.020	5150 to 5250	Pass
					30	120	5240.040	5150 to 5250	Pass

					40	120	5240.000	5150 to 5250	Pass
					50	120	5240.000	5150 to 5250	Pass
		5745	RU242	Left	20	102	5745.020	5725 to 5850	Pass
						120	5745.040	5725 to 5850	Pass
						138	5745.060	5725 to 5850	Pass
					-30	120	5745.020	5725 to 5850	Pass
					-20	120	5745.040	5725 to 5850	Pass
					-10	120	5745.080	5725 to 5850	Pass
					0	120	5745.000	5725 to 5850	Pass
					10	120	5745.020	5725 to 5850	Pass
					30	120	5745.040	5725 to 5850	Pass
					40	120	5745.040	5725 to 5850	Pass
					50	120	5745.060	5725 to 5850	Pass
		5785	RU242	Left	20	102	5785.080	5725 to 5850	Pass
						120	5785.040	5725 to 5850	Pass
						138	5785.060	5725 to 5850	Pass
					-30	120	5785.000	5725 to 5850	Pass
					-20	120	5785.020	5725 to 5850	Pass
					-10	120	5784.980	5725 to 5850	Pass
					0	120	5785.080	5725 to 5850	Pass
					10	120	5784.980	5725 to 5850	Pass
					30	120	5785.020	5725 to 5850	Pass
					40	120	5785.020	5725 to 5850	Pass
					50	120	5785.060	5725 to 5850	Pass
		5825	RU242	Left	20	102	5825.060	5725 to 5850	Pass
						120	5825.060	5725 to 5850	Pass
						138	5825.020	5725 to 5850	Pass
					-30	120	5825.040	5725 to 5850	Pass
					-20	120	5825.060	5725 to 5850	Pass
					-10	120	5825.000	5725 to 5850	Pass
					0	120	5824.940	5725 to 5850	Pass
					10	120	5825.020	5725 to 5850	Pass
					30	120	5825.040	5725 to 5850	Pass
					40	120	5825.000	5725 to 5850	Pass
					50	120	5825.000	5725 to 5850	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	20	102	5190.080	5150 to 5250	Pass
						120	5190.000	5150 to 5250	Pass
						138	5190.080	5150 to 5250	Pass

					-30	120	5190.040	5150 to 5250	Pass
					-20	120	5190.000	5150 to 5250	Pass
					-10	120	5189.920	5150 to 5250	Pass
					0	120	5189.960	5150 to 5250	Pass
					10	120	5190.040	5150 to 5250	Pass
					30	120	5190.040	5150 to 5250	Pass
					40	120	5190.080	5150 to 5250	Pass
					50	120	5190.080	5150 to 5250	Pass
		5230	RU484	Left	20	102	5230.040	5150 to 5250	Pass
						120	5230.040	5150 to 5250	Pass
						138	5230.040	5150 to 5250	Pass
					-30	120	5230.040	5150 to 5250	Pass
					-20	120	5230.040	5150 to 5250	Pass
					-10	120	5230.080	5150 to 5250	Pass
					0	120	5230.080	5150 to 5250	Pass
					10	120	5230.040	5150 to 5250	Pass
					30	120	5230.040	5150 to 5250	Pass
					40	120	5230.000	5150 to 5250	Pass
					50	120	5230.040	5150 to 5250	Pass
		5755	RU484	Left	20	102	5755.040	5725 to 5850	Pass
						120	5755.160	5725 to 5850	Pass
						138	5755.040	5725 to 5850	Pass
					-30	120	5755.040	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.080	5725 to 5850	Pass
					0	120	5755.080	5725 to 5850	Pass
					10	120	5755.160	5725 to 5850	Pass
					30	120	5755.120	5725 to 5850	Pass
					40	120	5755.160	5725 to 5850	Pass
					50	120	5755.160	5725 to 5850	Pass
		5795	RU484	Left	20	102	5795.040	5725 to 5850	Pass
						120	5795.080	5725 to 5850	Pass
						138	5795.040	5725 to 5850	Pass
					-30	120	5795.040	5725 to 5850	Pass
					-20	120	5795.040	5725 to 5850	Pass
					-10	120	5795.120	5725 to 5850	Pass
					0	120	5795.120	5725 to 5850	Pass
					10	120	5795.000	5725 to 5850	Pass

					30	120	5795.160	5725 to 5850	Pass
					40	120	5795.120	5725 to 5850	Pass
					50	120	5795.040	5725 to 5850	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	20	102	5210.000	5150 to 5250	Pass
						120	5210.000	5150 to 5250	Pass
						138	5209.925	5150 to 5250	Pass
					-30	120	5210.075	5150 to 5250	Pass
					-20	120	5210.151	5150 to 5250	Pass
					-10	120	5210.000	5150 to 5250	Pass
					0	120	5210.000	5150 to 5250	Pass
					10	120	5210.000	5150 to 5250	Pass
					30	120	5210.000	5150 to 5250	Pass
					40	120	5210.000	5150 to 5250	Pass
					50	120	5210.000	5150 to 5250	Pass
		5775	RU996	Left	20	102	5775.151	5725 to 5850	Pass
						120	5775.075	5725 to 5850	Pass
						138	5775.075	5725 to 5850	Pass
					-30	120	5775.075	5725 to 5850	Pass
					-20	120	5775.151	5725 to 5850	Pass
					-10	120	5775.150	5725 to 5850	Pass
					0	120	5775.075	5725 to 5850	Pass
					10	120	5775.075	5725 to 5850	Pass
					30	120	5775.075	5725 to 5850	Pass
					40	120	5775.075	5725 to 5850	Pass
					50	120	5775.151	5725 to 5850	Pass

11.ANTENNA REQUIREMENT

Standard requirement:	FCC Part15 C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
EUT Antenna:	
WiFi Module 1: Samsung S621 Antenna 1 (CoreWIFI 1): U-NII-1 WIFI: 3.3 dBi U-NII-3 WIFI: 3.4 dBi Antenna 2 (CoreWIFI 2): U-NII-1 WIFI: 2.6 dBi U-NII-3 WIFI: 5.2 dBi WiFi Module 2: AMPAK AP6275PR3 Antenna 3 (VciWIFI 2): U-NII-1 WIFI: 2.5 dBi U-NII-3 WIFI: 3.5 dBi Antenna 4 (VciWIFI 1): U-NII-1 WIFI: 2.4 dBi U-NII-3 WIFI: 4.8 dBi reference to the appendix II for details.	

12. TEST SETUP PHOTO

Reference to the appendix I for details.

13. EUT CONSTRUCTIONAL DETAILS

Reference to the appendix II for details.

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