

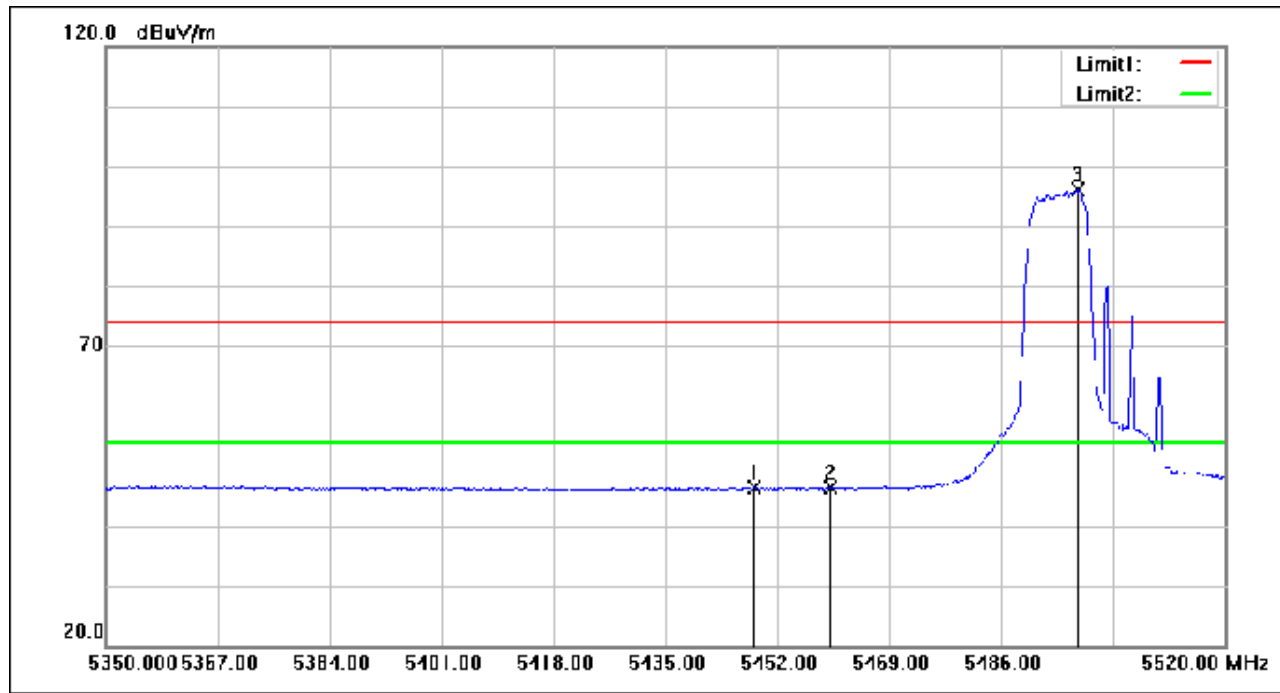
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(RU106_Left); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5448.430	61.82	-15.32	46.50	54.00	-7.50	AVG
2	5460.000	61.59	-15.30	46.29	54.00	-7.71	AVG
3	5497.560	111.32	-15.25	96.07	54.00	42.07	AVG

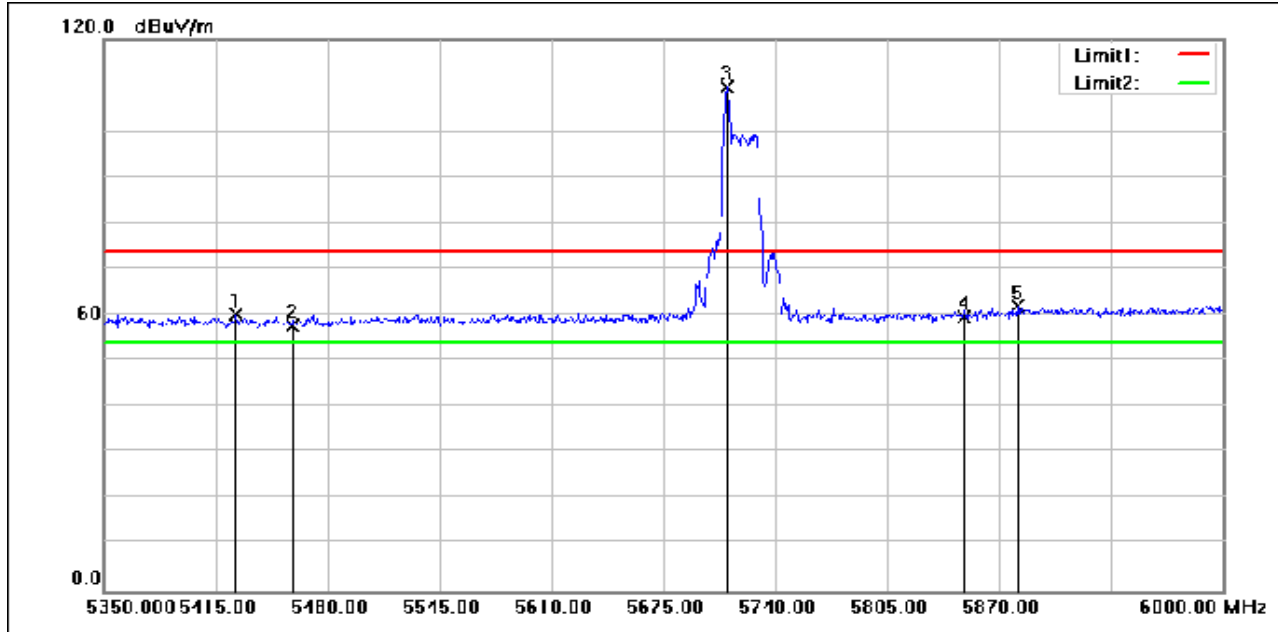
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(RU106_Left); Bandwidth: 20MHz;
Channel: CH144(5720MHz)



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5426.700	75.45	-15.36	60.09	74.00	-13.91	peak
2	5460.000	73.18	-15.30	57.88	74.00	-16.12	peak
3	5711.400	124.33	-14.63	109.70	74.00	35.70	peak
4	5850.000	73.72	-14.03	59.69	74.00	-14.31	peak
5	5880.400	75.75	-13.84	61.91	74.00	-12.09	peak

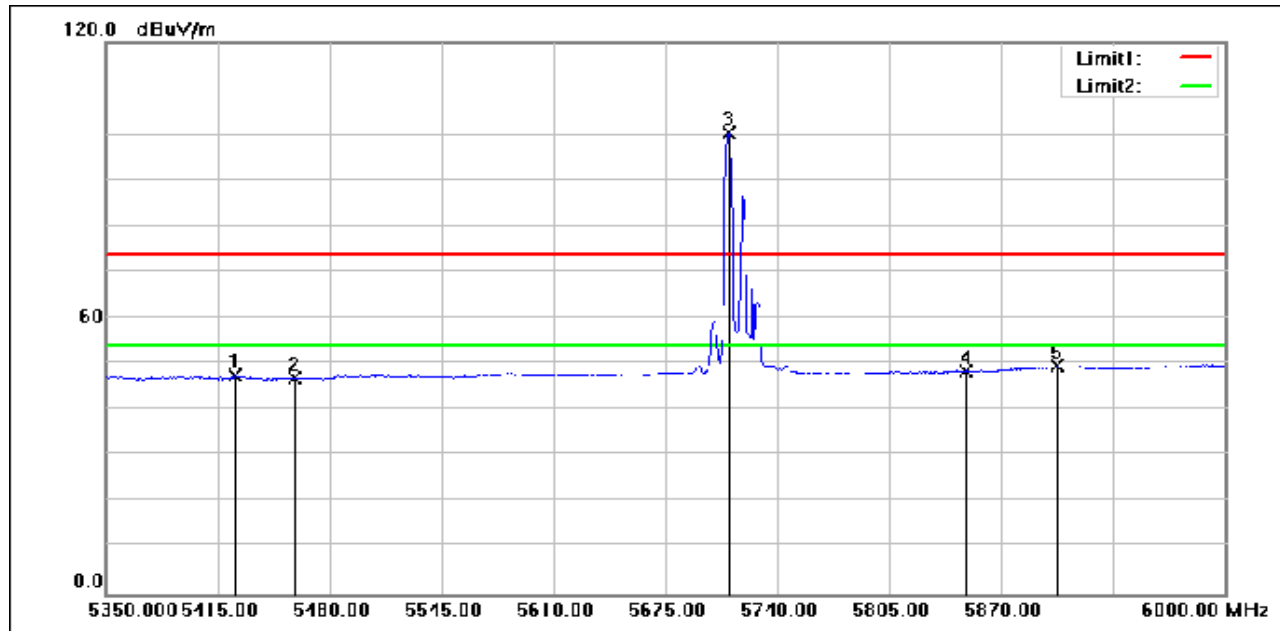
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(RU106_Left); Bandwidth:20MHz;
Channel:CH144(5720MHz)



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5424.750	62.78	-15.36	47.42	54.00	-6.58	AVG
2	5460.000	62.22	-15.30	46.92	54.00	-7.08	AVG
3	5711.400	115.07	-14.63	100.44	54.00	46.44	AVG
4	5850.000	62.41	-14.03	48.38	54.00	-5.62	AVG
5	5902.500	63.35	-13.70	49.65	54.00	-4.35	AVG

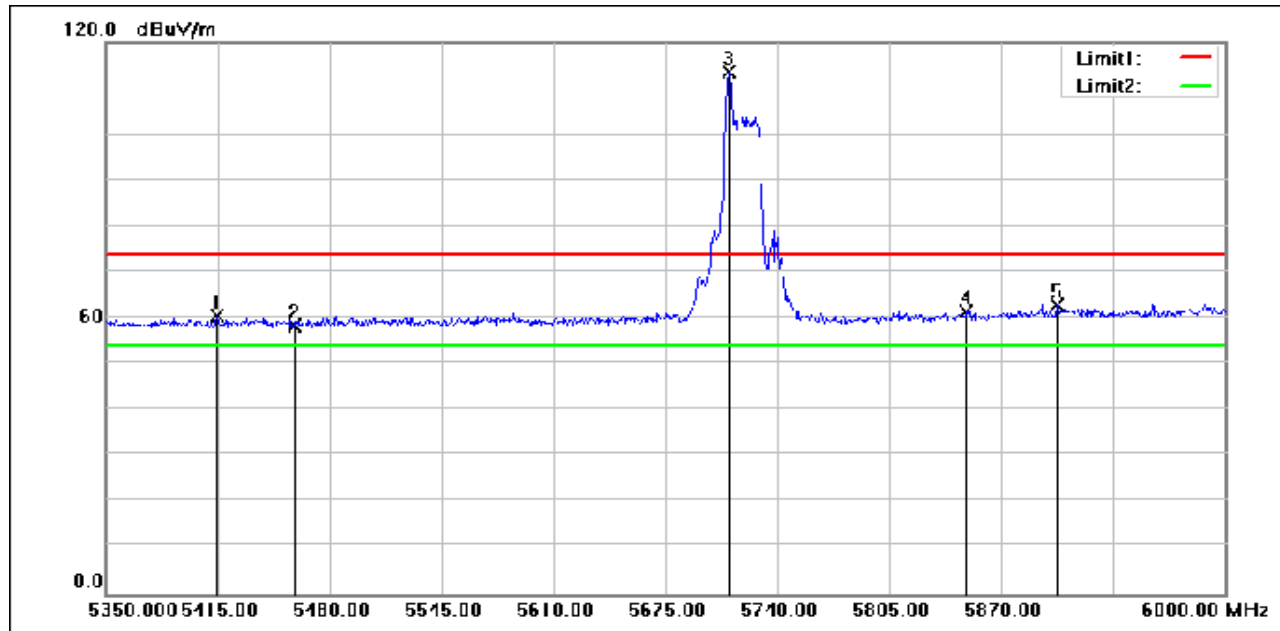
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ax(RU106_Left); Bandwidth: 20MHz;
Channel: CH144(5720MHz)



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5414.350	75.69	-15.38	60.31	74.00	-13.69	peak
2	5460.000	73.53	-15.30	58.23	74.00	-15.77	peak
3	5712.050	128.30	-14.63	113.67	74.00	39.67	peak
4	5850.000	75.51	-14.03	61.48	74.00	-12.52	peak
5	5902.500	76.58	-13.70	62.88	74.00	-11.12	peak

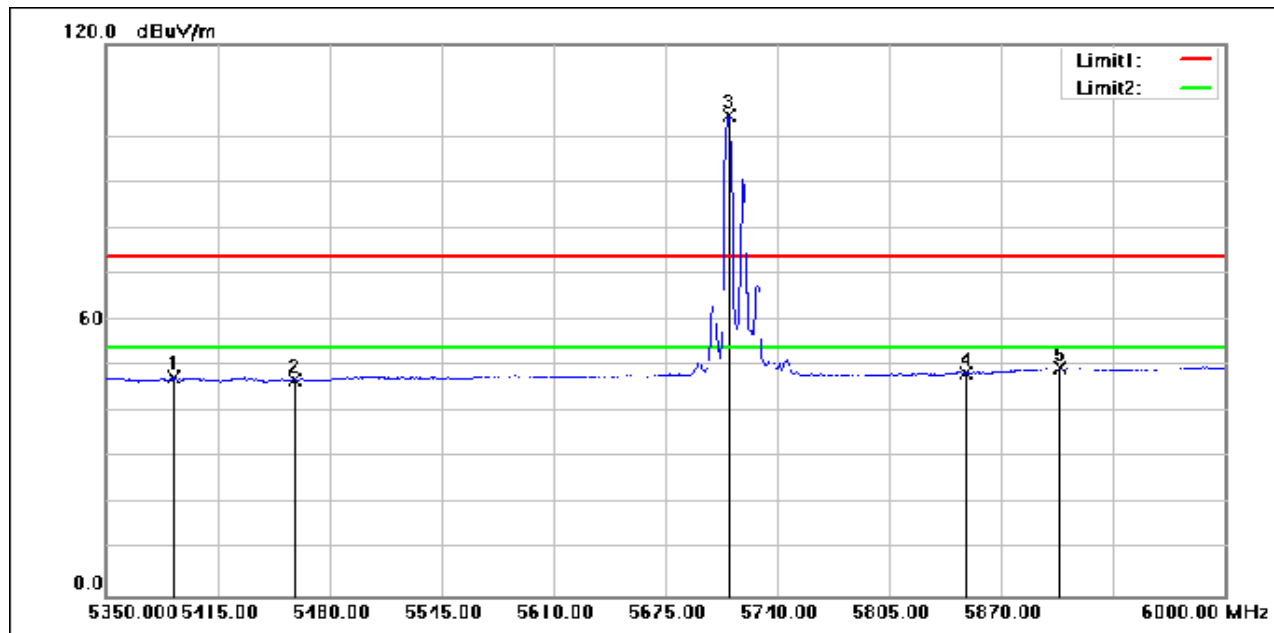
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(RU106_Left); Bandwidth:20MHz;
Channel:CH144(5720MHz)



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5389.000	62.97	-15.42	47.55	54.00	-6.45	AVG
2	5460.000	62.30	-15.30	47.00	54.00	-7.00	AVG
3	5711.400	119.13	-14.63	104.50	54.00	50.50	AVG
4	5850.000	62.60	-14.03	48.57	54.00	-5.43	AVG
5	5903.800	63.31	-13.69	49.62	54.00	-4.38	AVG

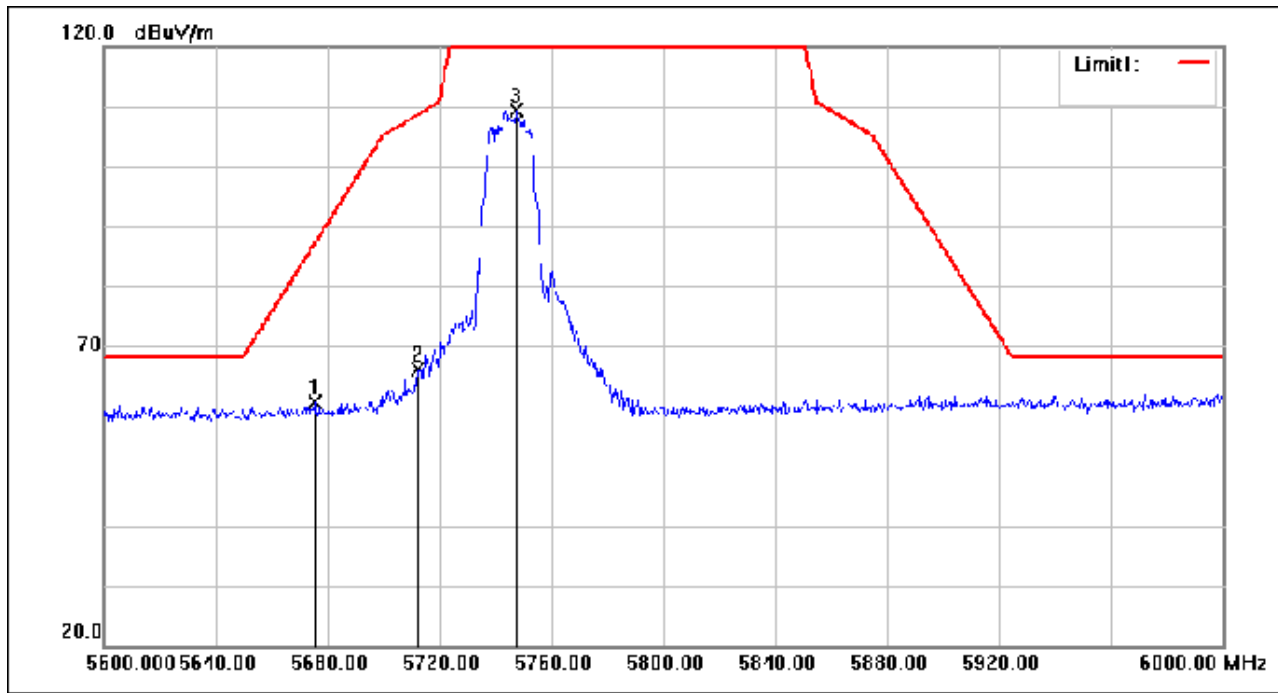
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5675.200	75.40	-14.77	60.63	86.85	-26.22	peak
2	5712.000	80.85	-14.63	66.22	108.56	-42.34	peak
3	5747.600	123.96	-14.48	109.48	135.00	-25.52	peak

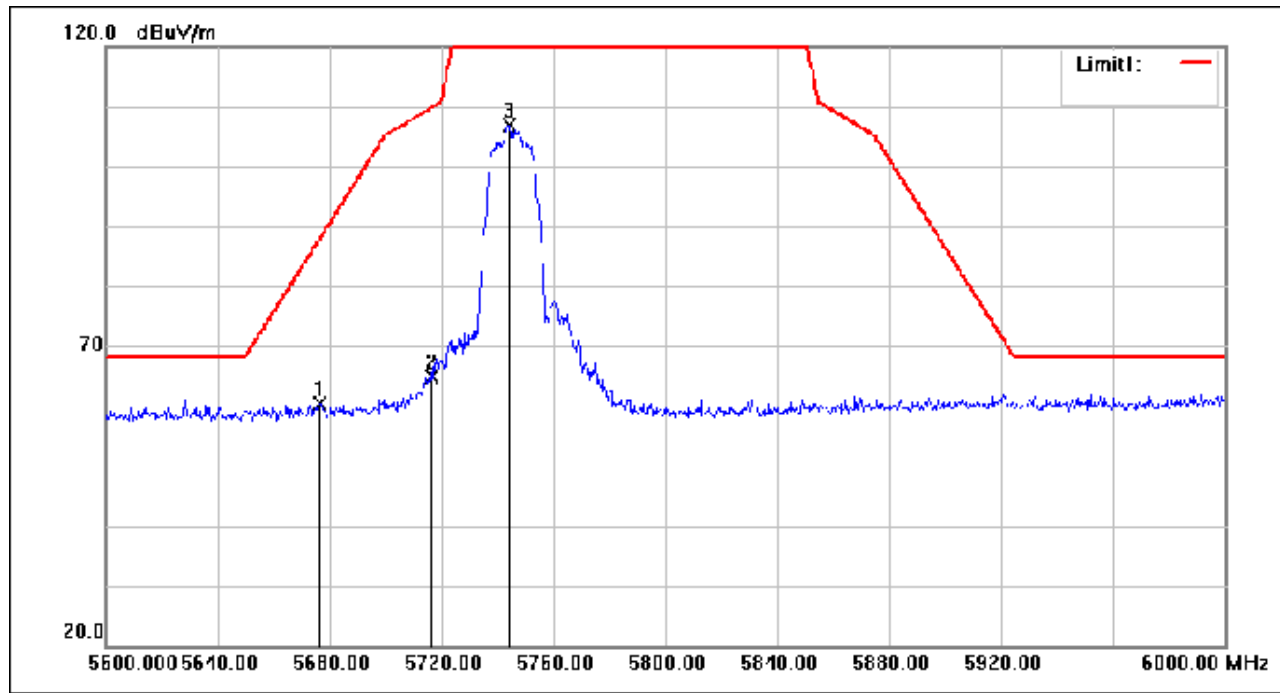
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5676.400	75.10	-14.76	60.34	87.74	-27.40	peak
2	5716.400	79.46	-14.62	64.84	109.79	-44.95	peak
3	5744.400	121.32	-14.49	106.83	135.00	-28.17	peak

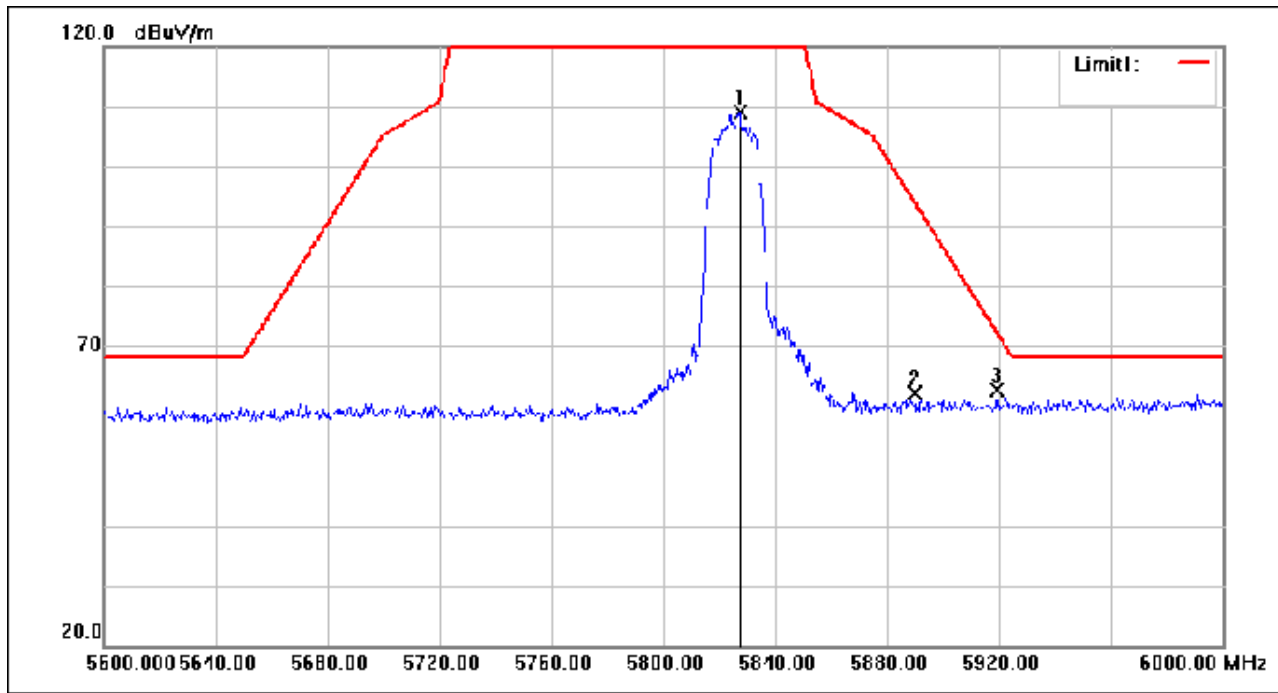
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5827.200	123.37	-14.13	109.24	135.00	-25.76	peak
2	5890.000	76.01	-13.77	62.24	94.10	-31.86	peak
3	5919.200	76.15	-13.59	62.56	72.49	-9.93	peak

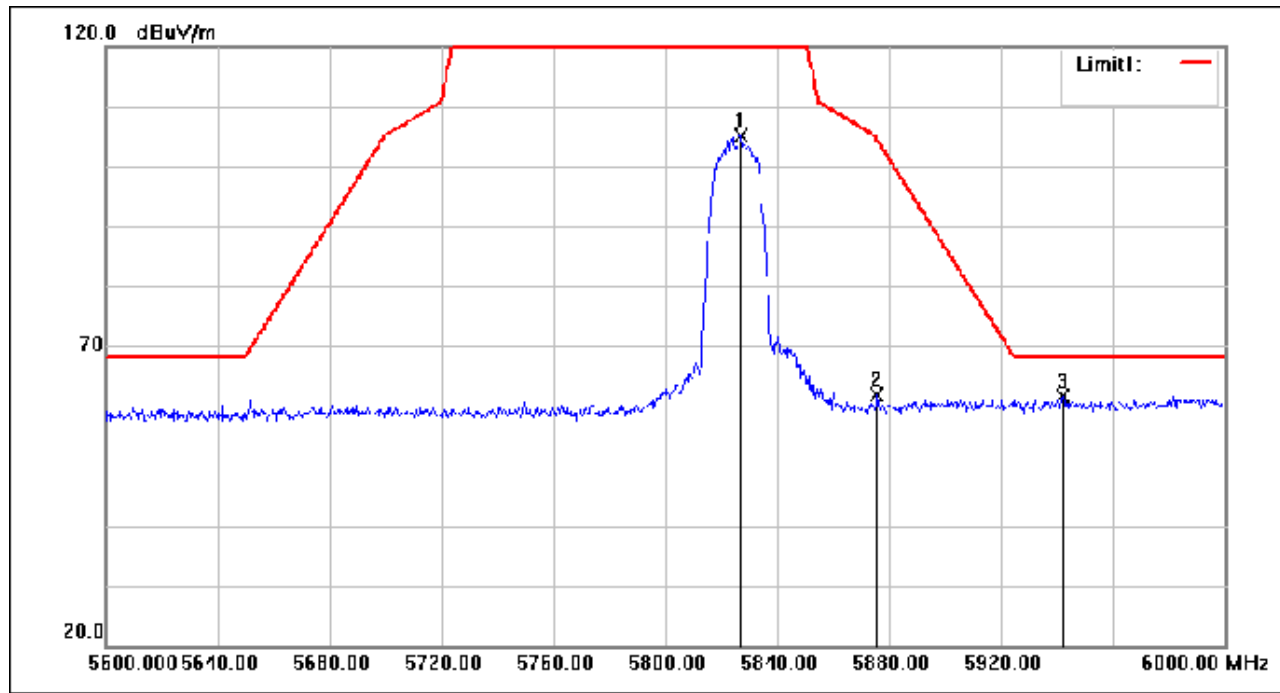
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.800	119.32	-14.13	105.19	135.00	-29.81	peak
2	5875.600	75.64	-13.86	61.78	104.76	-42.98	peak
3	5942.000	75.06	-13.44	61.62	68.20	-6.58	peak

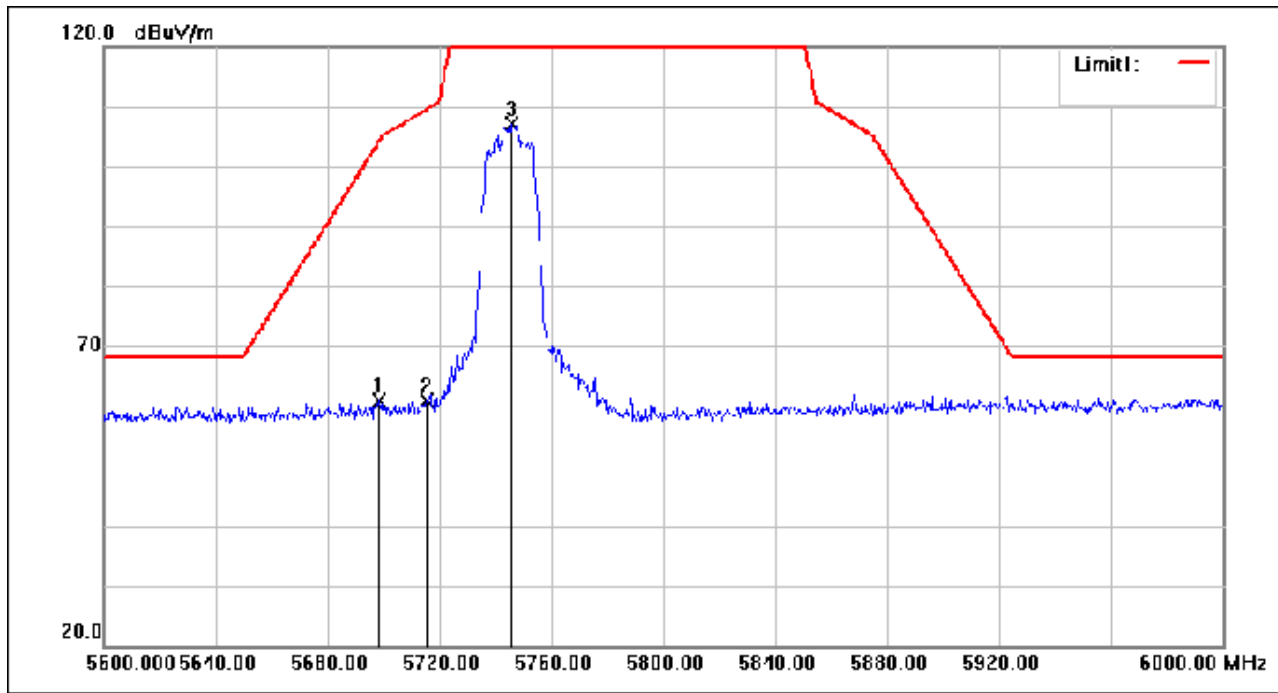
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5698.400	75.48	-14.68	60.80	104.02	-43.22	peak
2	5715.600	75.62	-14.62	61.00	109.57	-48.57	peak
3	5746.000	121.70	-14.49	107.21	135.00	-27.79	peak

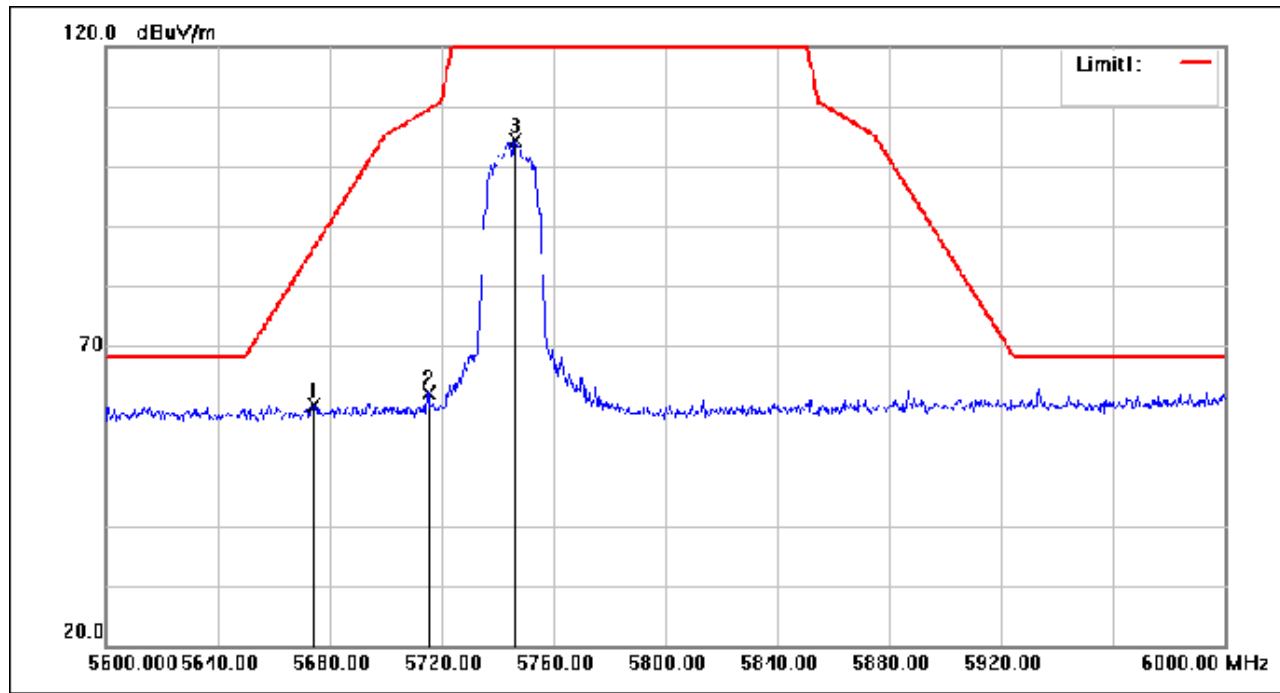
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5674.400	74.94	-14.77	60.17	86.26	-26.09	peak
2	5715.200	76.67	-14.62	62.05	109.46	-47.41	peak
3	5746.400	118.85	-14.49	104.36	135.00	-30.64	peak

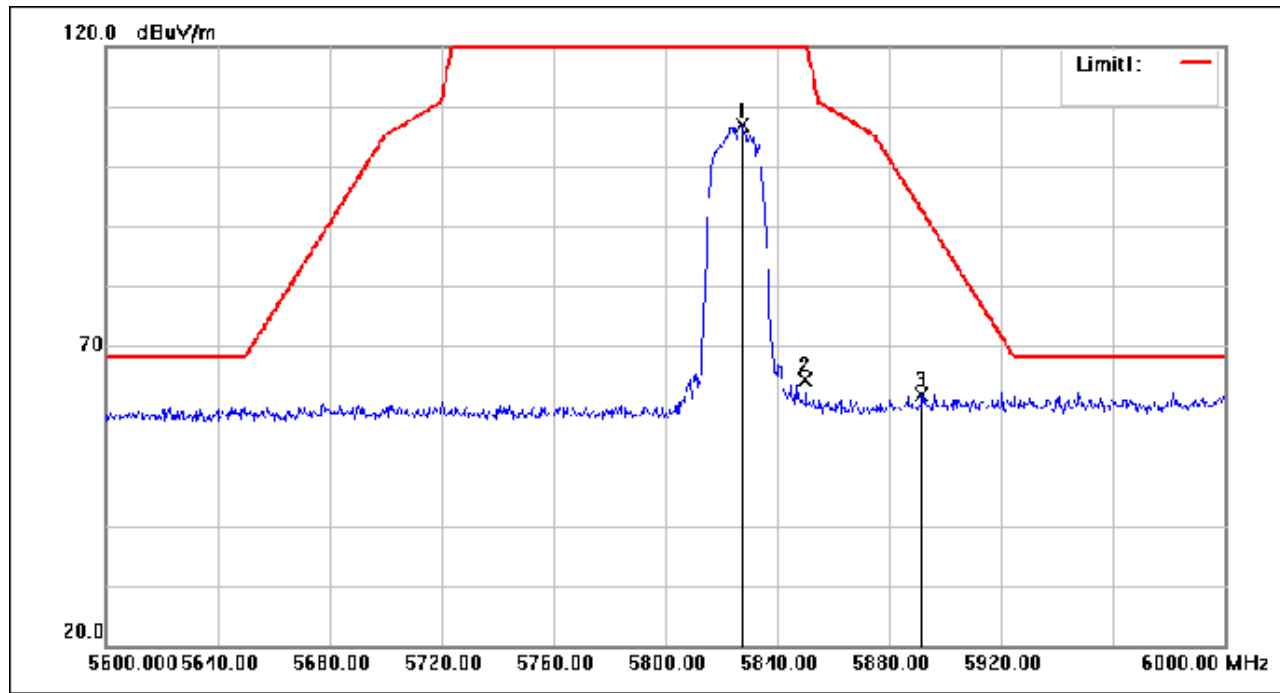
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5827.200	121.03	-14.13	106.90	135.00	-28.10	peak
2	5850.000	78.47	-14.03	64.44	122.20	-57.76	peak
3	5891.600	75.59	-13.77	61.82	92.92	-31.10	peak

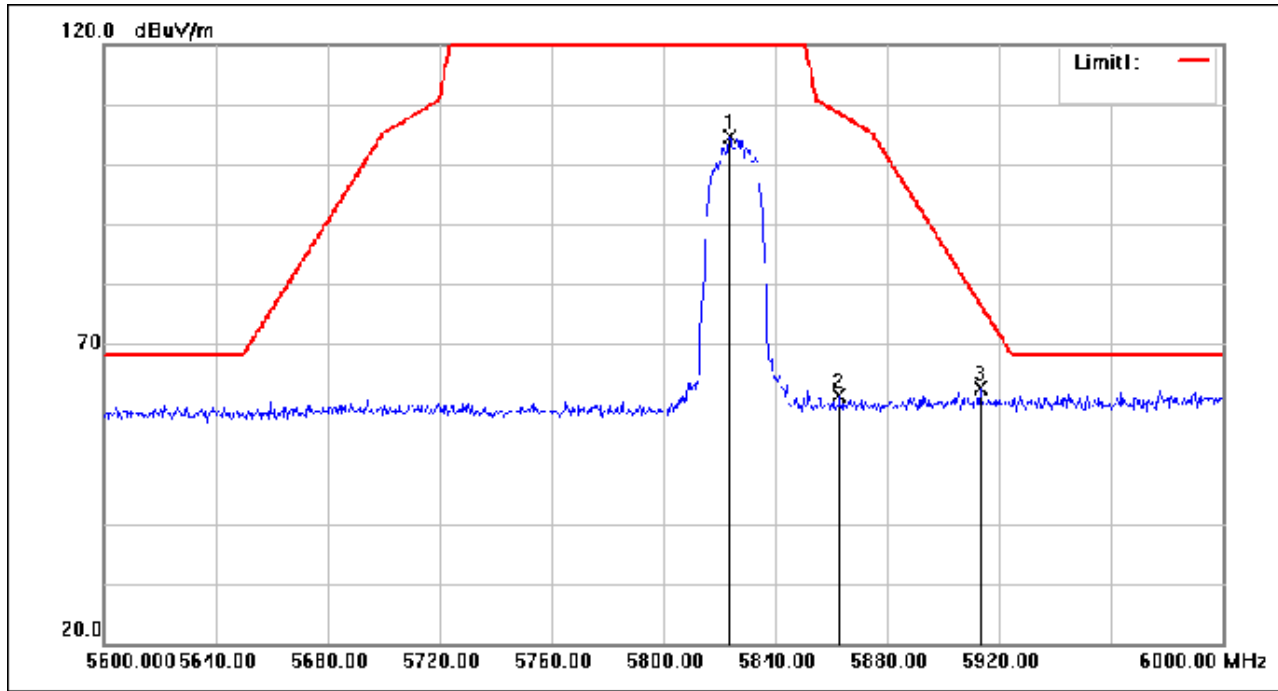
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.600	118.75	-14.14	104.61	135.00	-30.39	peak
2	5862.800	75.28	-13.95	61.33	108.62	-47.29	peak
3	5913.200	76.22	-13.63	62.59	76.93	-14.34	peak

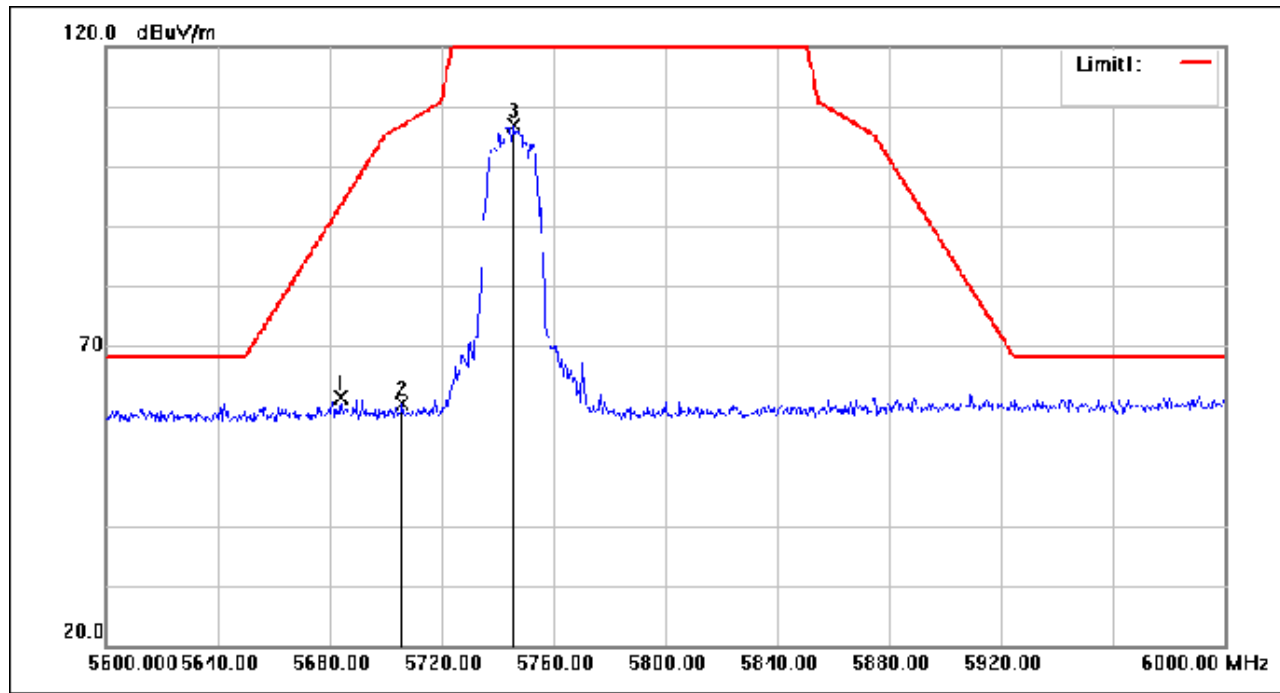
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5684.000	76.02	-14.73	61.29	93.36	-32.07	peak
2	5706.000	75.09	-14.65	60.44	106.88	-46.44	peak
3	5746.000	121.31	-14.49	106.82	135.00	-28.18	peak

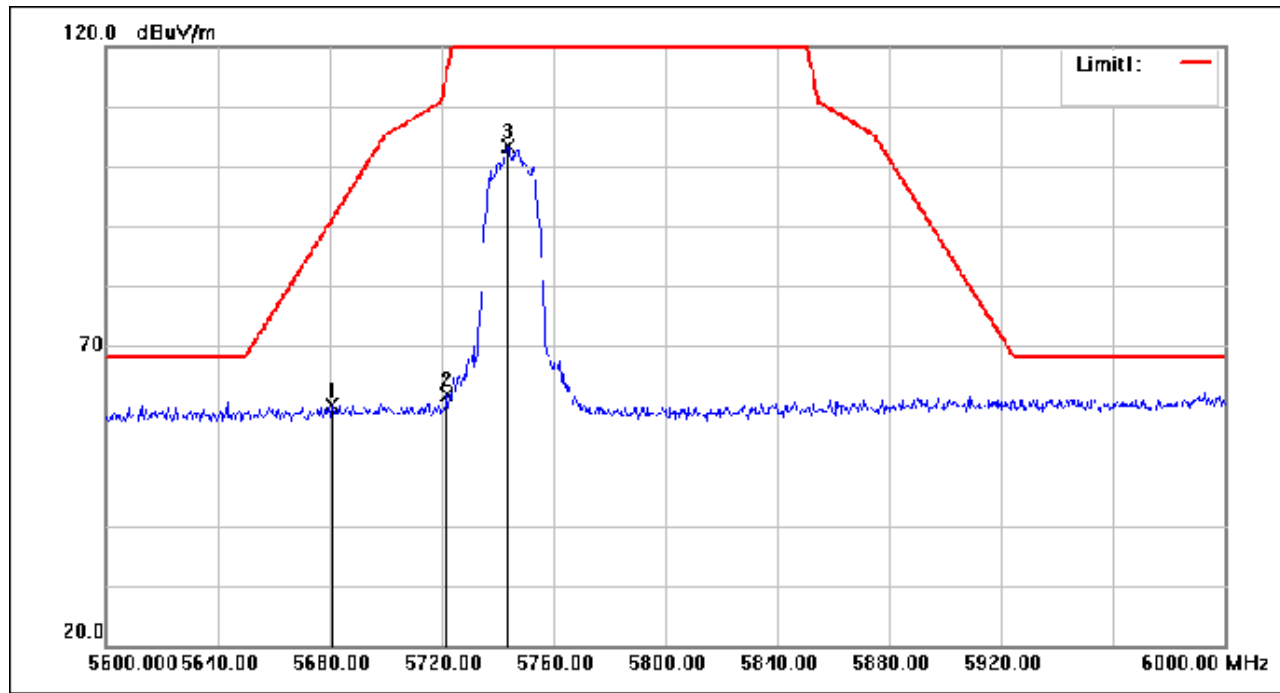
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5680.800	74.99	-14.75	60.24	90.99	-30.75	peak
2	5722.000	76.43	-14.59	61.84	115.36	-53.52	peak
3	5743.600	117.85	-14.51	103.34	135.00	-31.66	peak

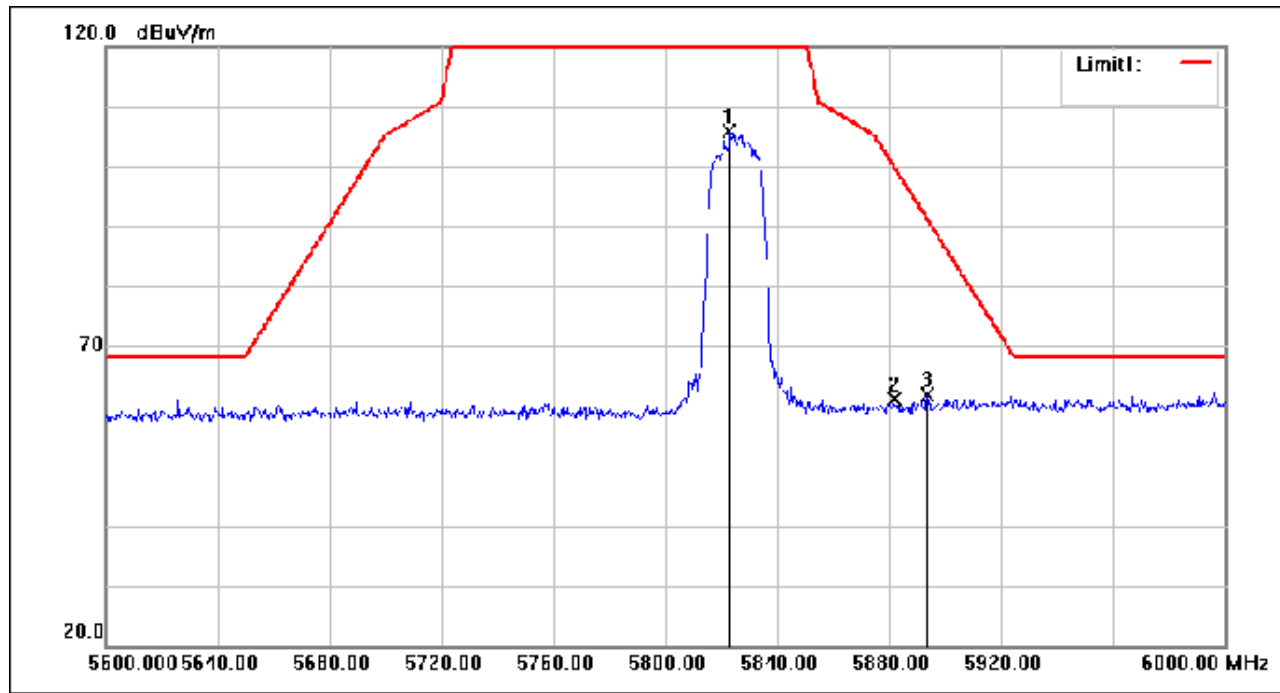
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5822.800	120.13	-14.15	105.98	135.00	-29.02	peak
2	5881.600	75.07	-13.83	61.24	100.32	-39.08	peak
3	5893.600	75.51	-13.75	61.76	91.44	-29.68	peak

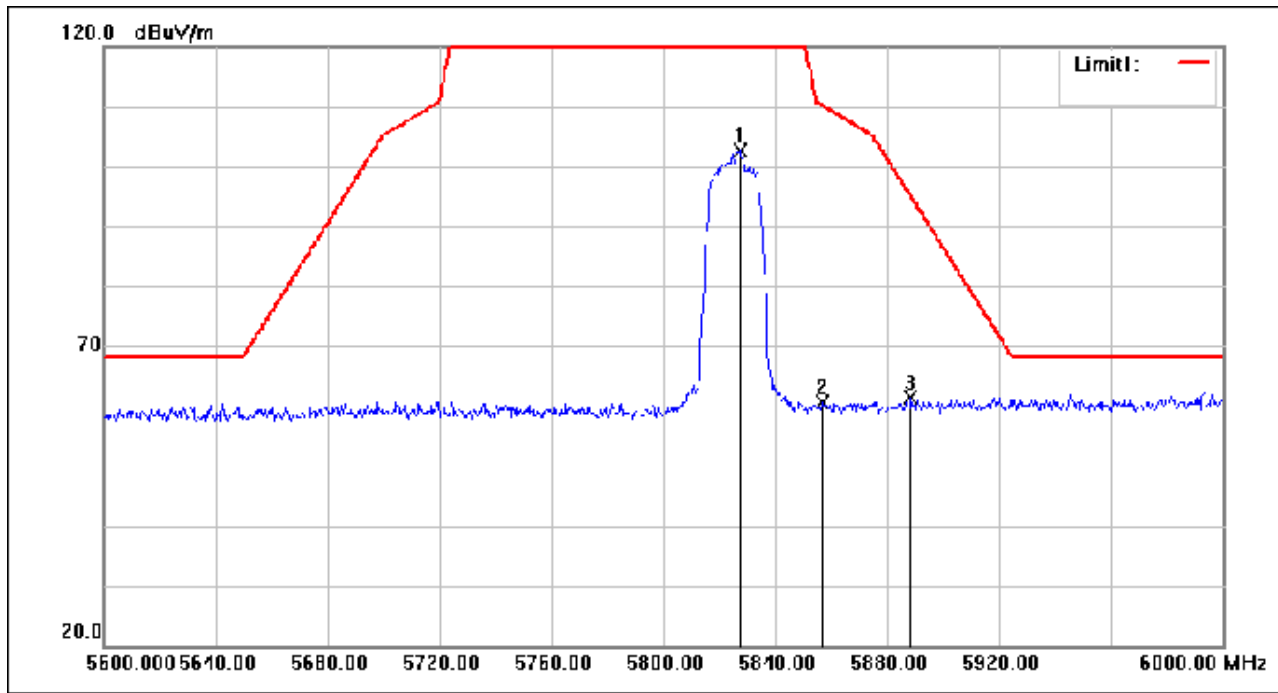
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5827.200	116.79	-14.13	102.66	135.00	-32.34	peak
2	5856.800	74.68	-13.98	60.70	110.30	-49.60	peak
3	5888.400	75.09	-13.79	61.30	95.28	-33.98	peak

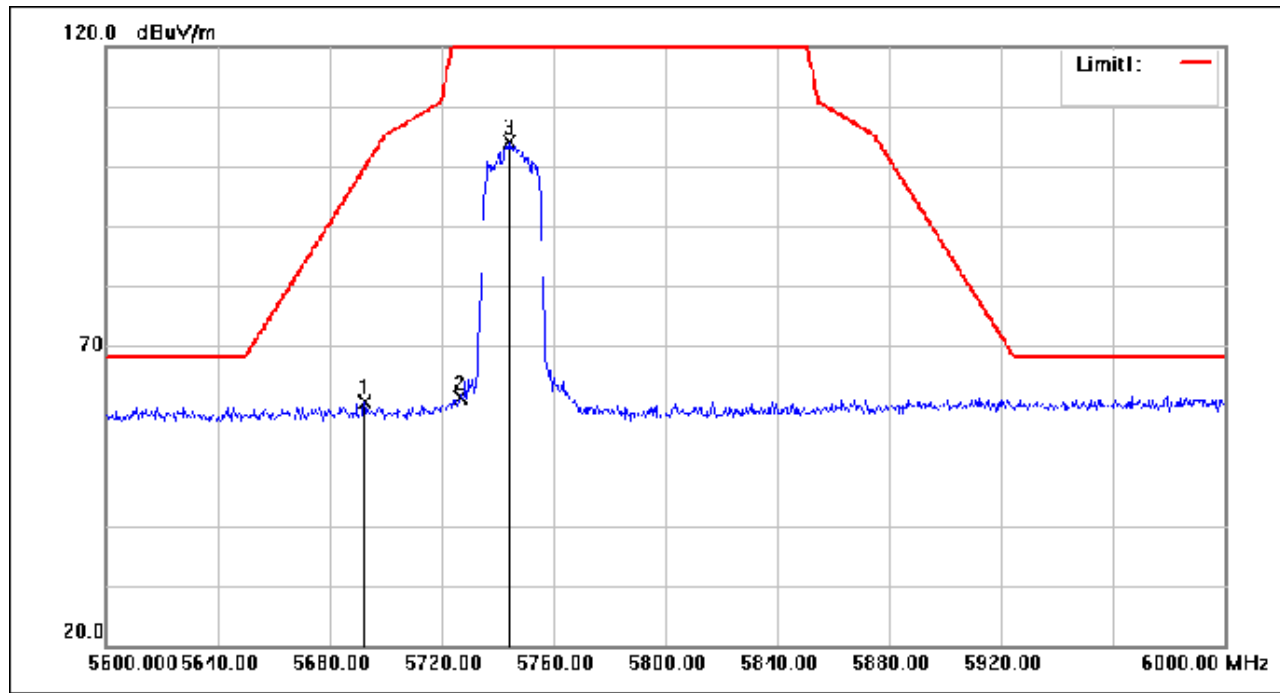
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5692.400	75.21	-14.70	60.51	99.58	-39.07	peak
2	5726.400	75.91	-14.58	61.33	135.00	-73.67	peak
3	5744.000	118.68	-14.49	104.19	135.00	-30.81	peak

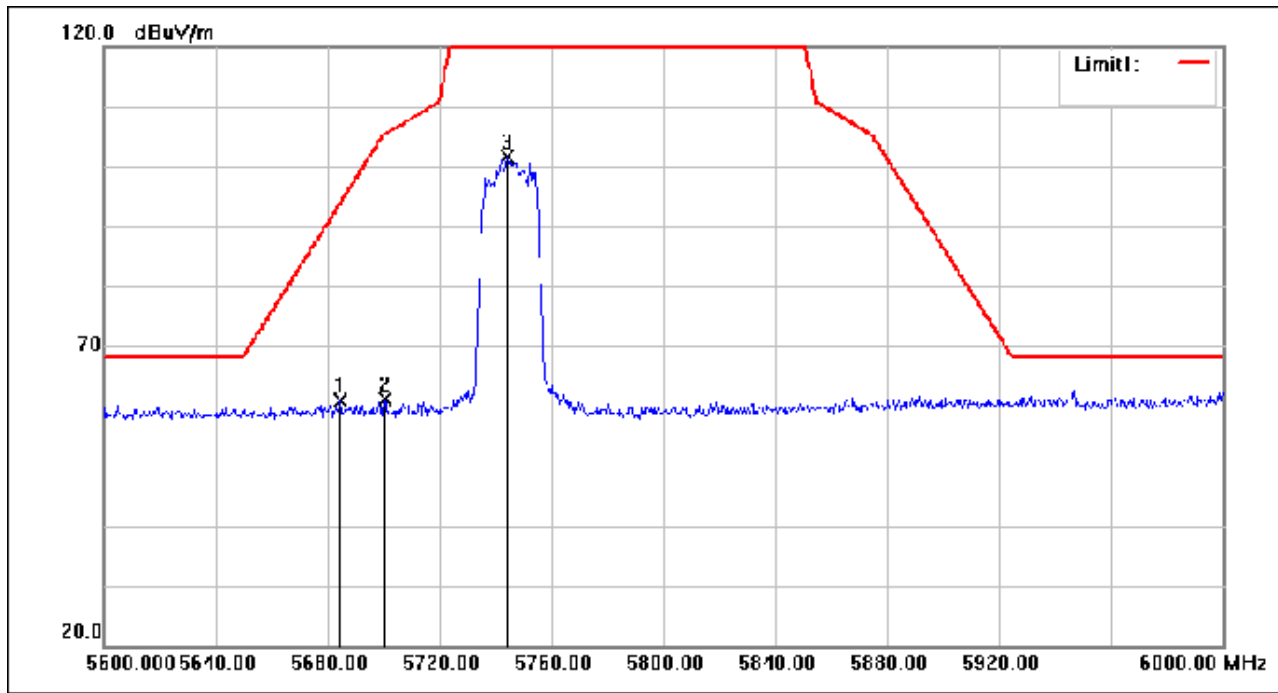
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5684.400	75.61	-14.73	60.88	93.66	-32.78	peak
2	5700.400	75.74	-14.67	61.07	105.31	-44.24	peak
3	5744.000	116.13	-14.49	101.64	135.00	-33.36	peak

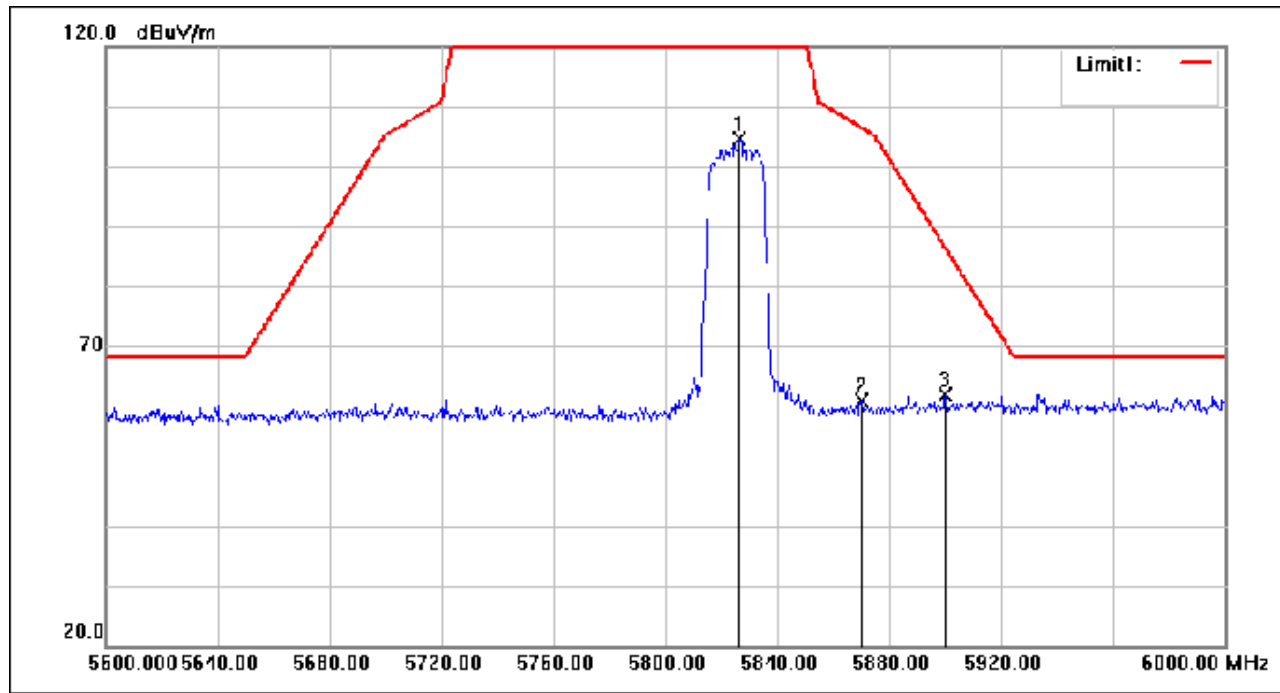
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.400	118.66	-14.13	104.53	135.00	-30.47	peak
2	5870.000	74.69	-13.90	60.79	106.60	-45.81	peak
3	5900.000	75.47	-13.71	61.76	86.70	-24.94	peak

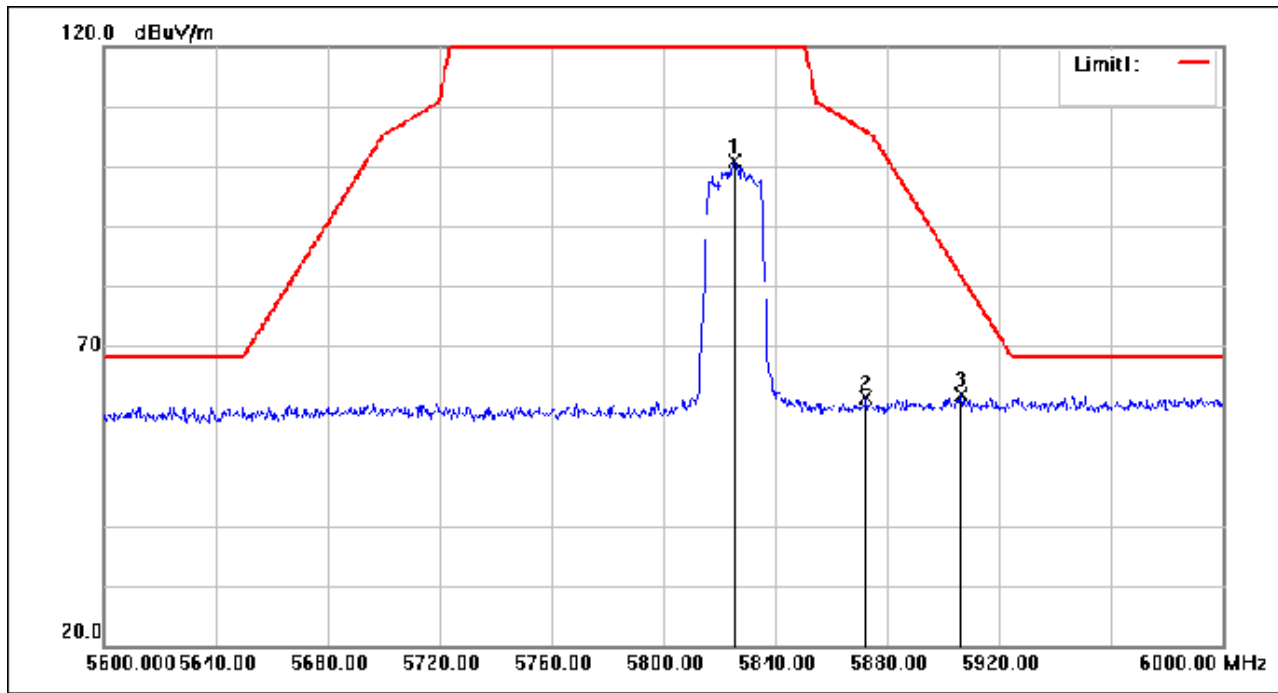
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5825.200	115.02	-14.14	100.88	135.00	-34.12	peak
2	5872.400	75.28	-13.89	61.39	105.93	-44.54	peak
3	5906.400	75.58	-13.67	61.91	81.96	-20.05	peak

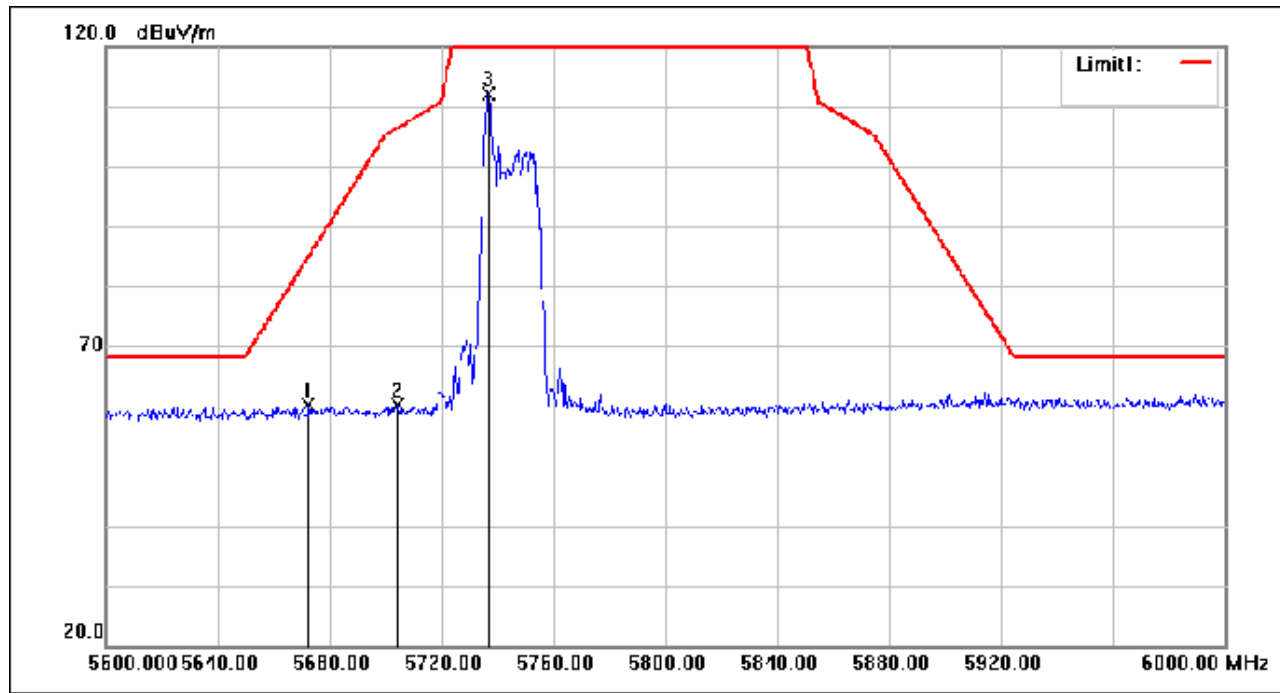
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(RU26_Left); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5672.400	74.86	-14.78	60.08	84.78	-24.70	peak
2	5704.000	74.81	-14.66	60.15	106.32	-46.17	peak
3	5736.800	126.62	-14.53	112.09	135.00	-22.91	peak

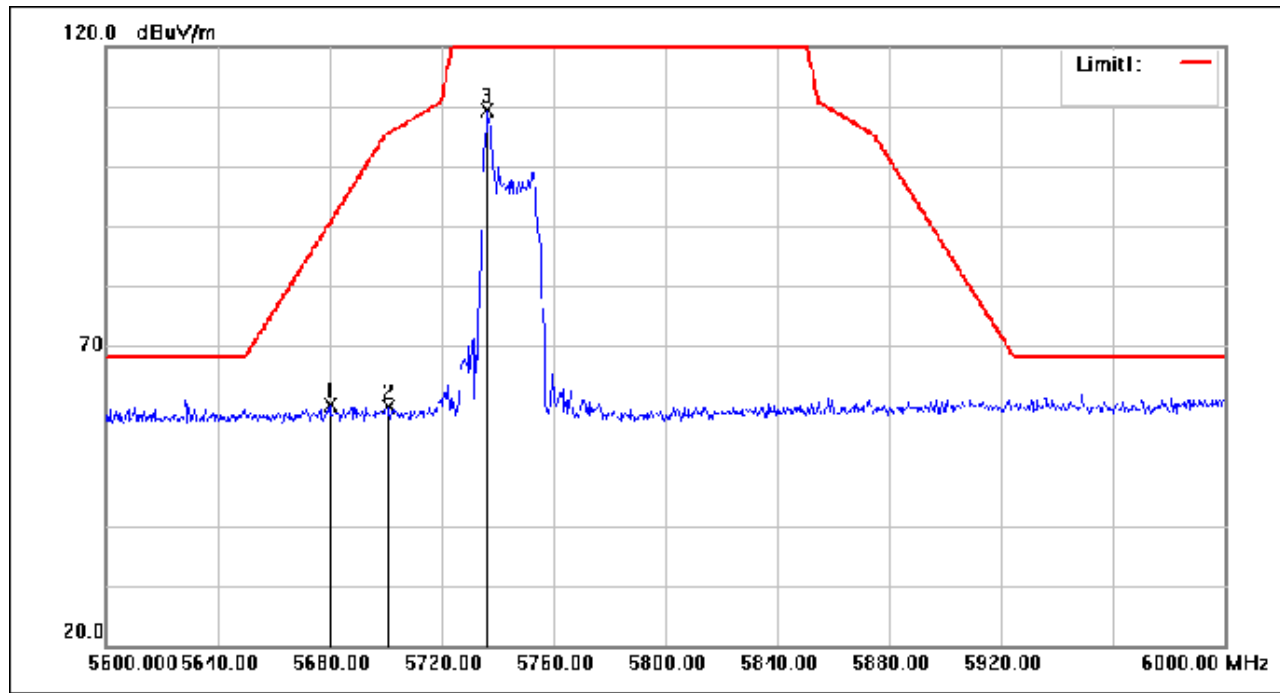
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(RU26_Left); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5680.000	74.86	-14.75	60.11	90.40	-30.29	peak
2	5701.200	74.55	-14.67	59.88	105.54	-45.66	peak
3	5736.400	123.95	-14.53	109.42	135.00	-25.58	peak

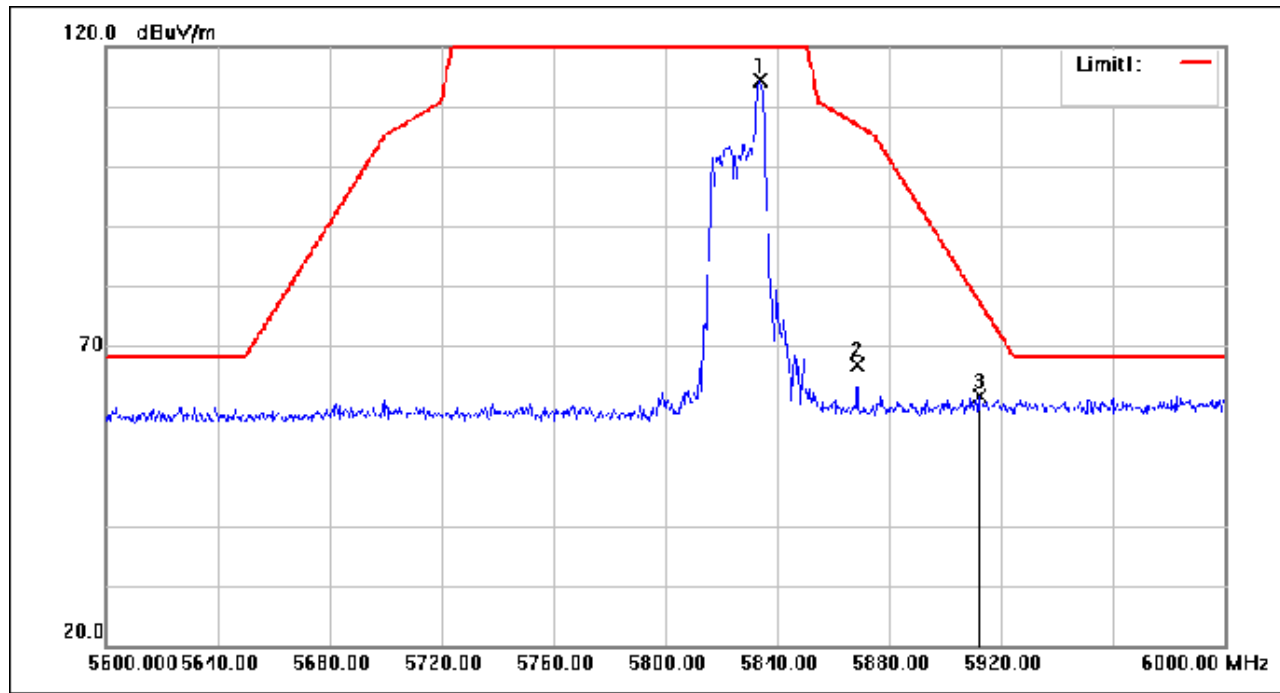
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(RU26_Right); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5833.600	128.60	-14.10	114.50	135.00	-20.50	peak
2	5868.400	80.84	-13.91	66.93	107.05	-40.12	peak
3	5912.000	75.26	-13.63	61.63	77.82	-16.19	peak

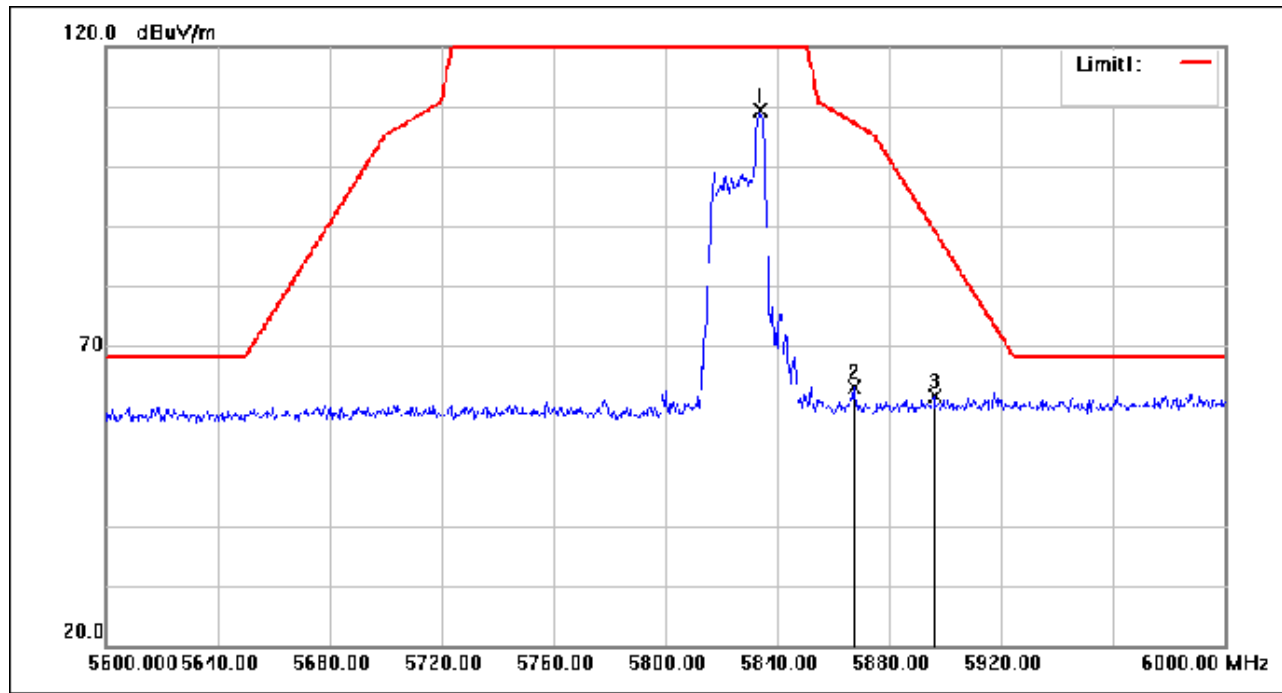
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(RU26_Right); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5833.600	123.49	-14.10	109.39	135.00	-25.61	peak
2	5867.200	76.96	-13.91	63.05	107.38	-44.33	peak
3	5896.000	75.49	-13.74	61.75	89.66	-27.91	peak

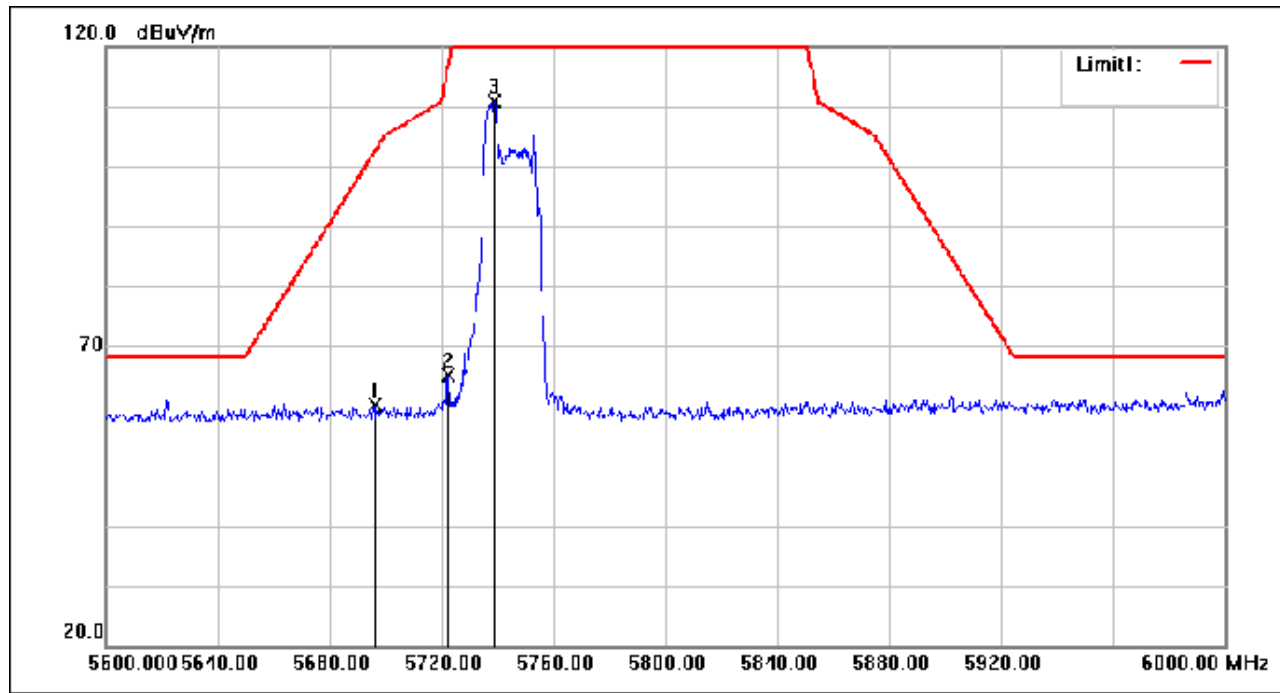
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(RU52_Left); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5696.000	74.92	-14.69	60.23	102.24	-42.01	peak
2	5722.400	79.65	-14.59	65.06	116.27	-51.21	peak
3	5738.800	125.48	-14.52	110.96	135.00	-24.04	peak

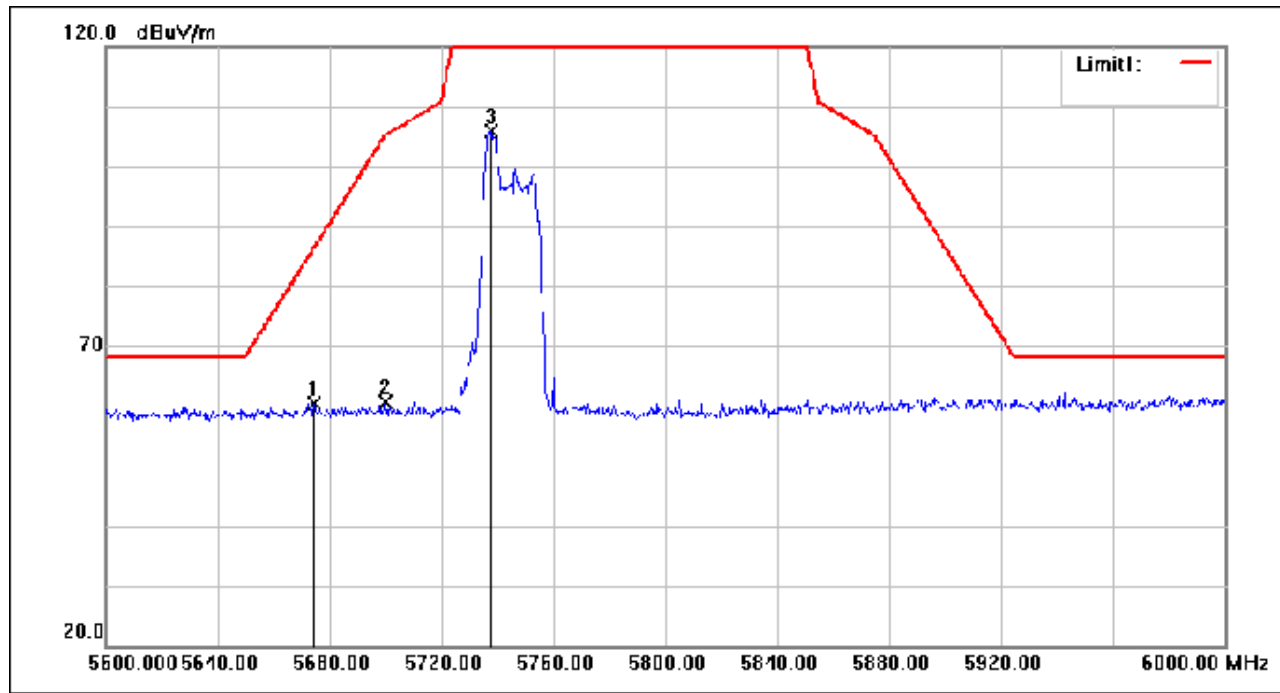
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(RU52_Left); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5674.400	75.11	-14.77	60.34	86.26	-25.92	peak
2	5700.000	75.25	-14.68	60.57	105.20	-44.63	peak
3	5738.000	120.45	-14.53	105.92	135.00	-29.08	peak

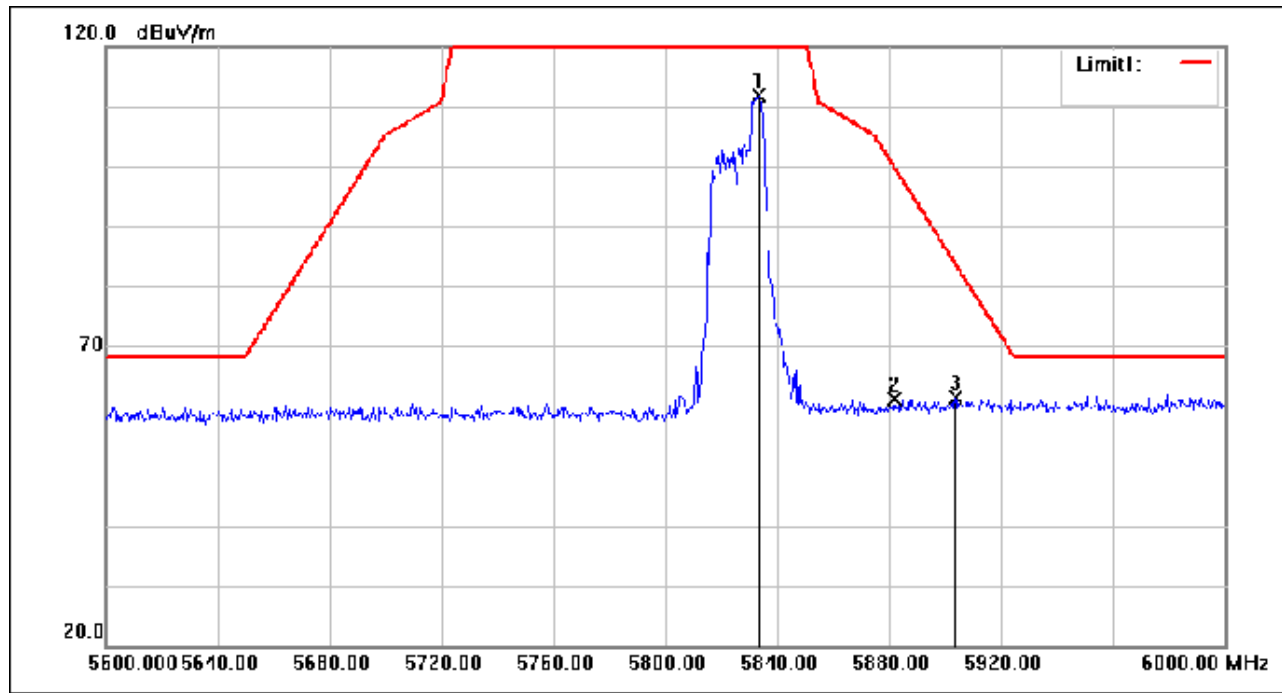
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(RU52_Right); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5833.200	126.08	-14.10	111.98	135.00	-23.02	peak
2	5881.600	74.93	-13.83	61.10	100.32	-39.22	peak
3	5903.600	75.00	-13.69	61.31	84.04	-22.73	peak

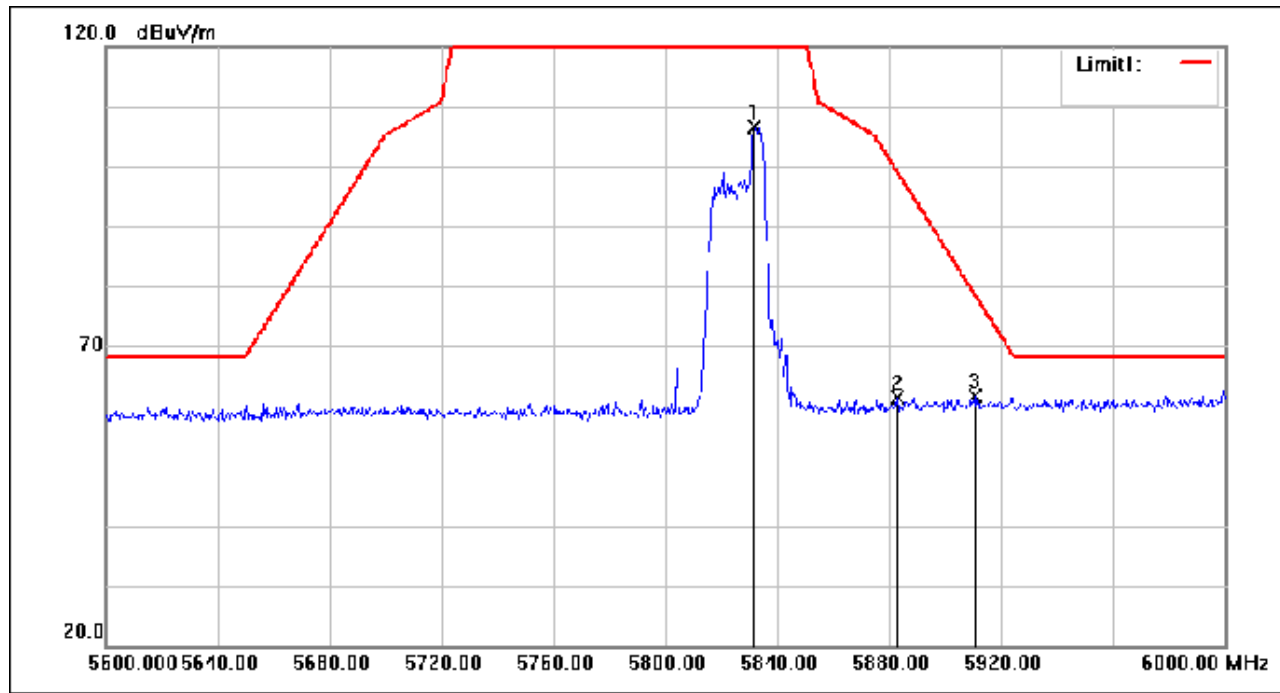
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(RU52_Right); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5831.600	120.67	-14.10	106.57	135.00	-28.43	peak
2	5882.800	75.10	-13.82	61.28	99.43	-38.15	peak
3	5910.800	75.18	-13.65	61.53	78.71	-17.18	peak

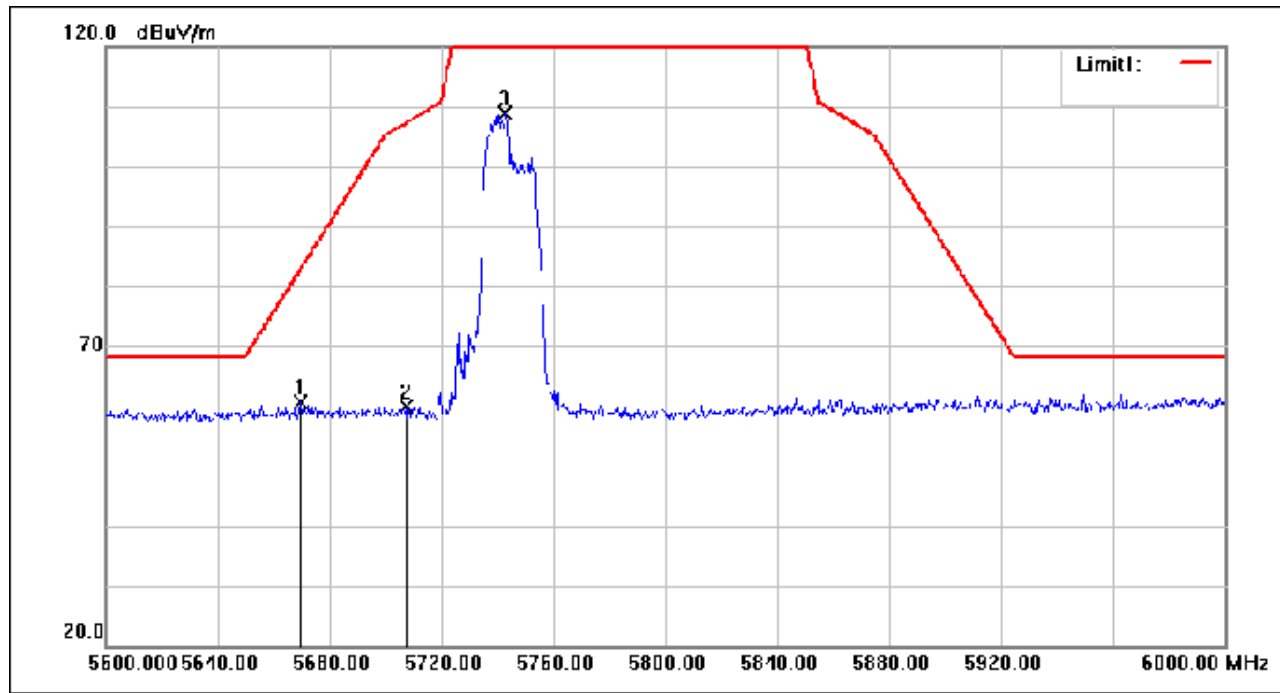
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ax(RU106_Left); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5669.600	75.33	-14.79	60.54	82.70	-22.16	peak
2	5707.600	74.51	-14.65	59.86	107.33	-47.47	peak
3	5742.800	123.48	-14.51	108.97	135.00	-26.03	peak

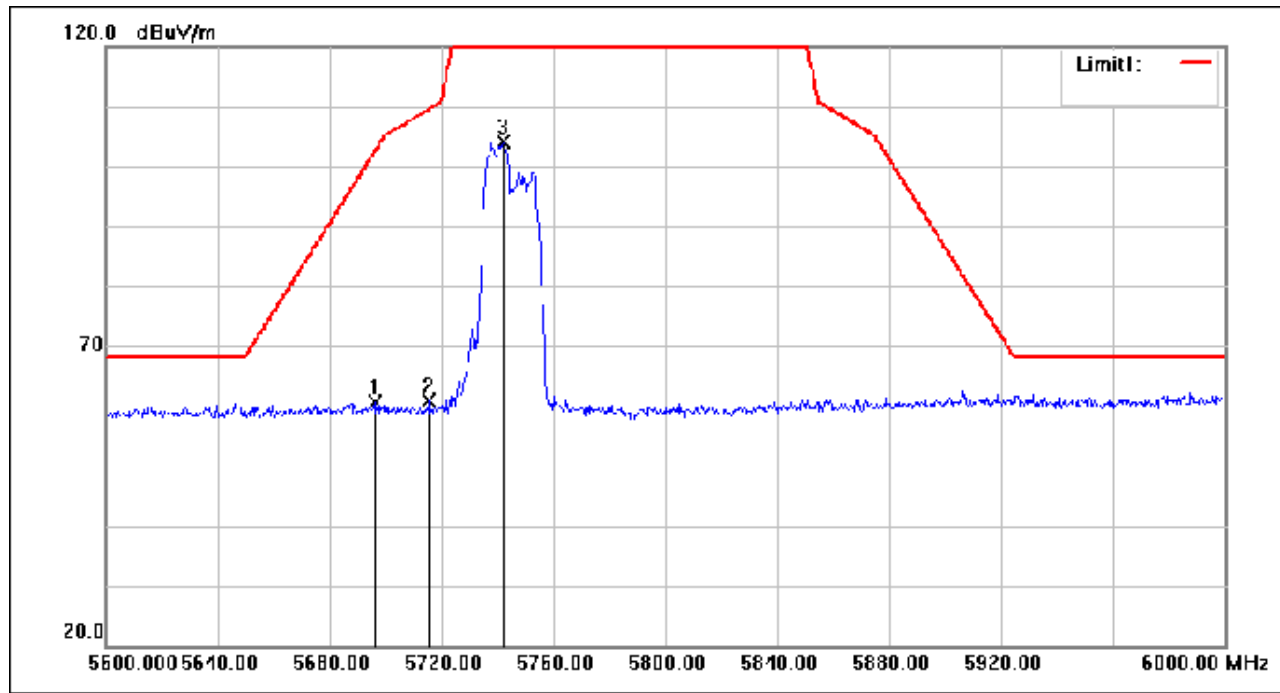
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(RU106_Left); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5696.000	75.20	-14.69	60.51	102.24	-41.73	peak
2	5715.600	75.38	-14.62	60.76	109.57	-48.81	peak
3	5742.000	118.57	-14.51	104.06	135.00	-30.94	peak

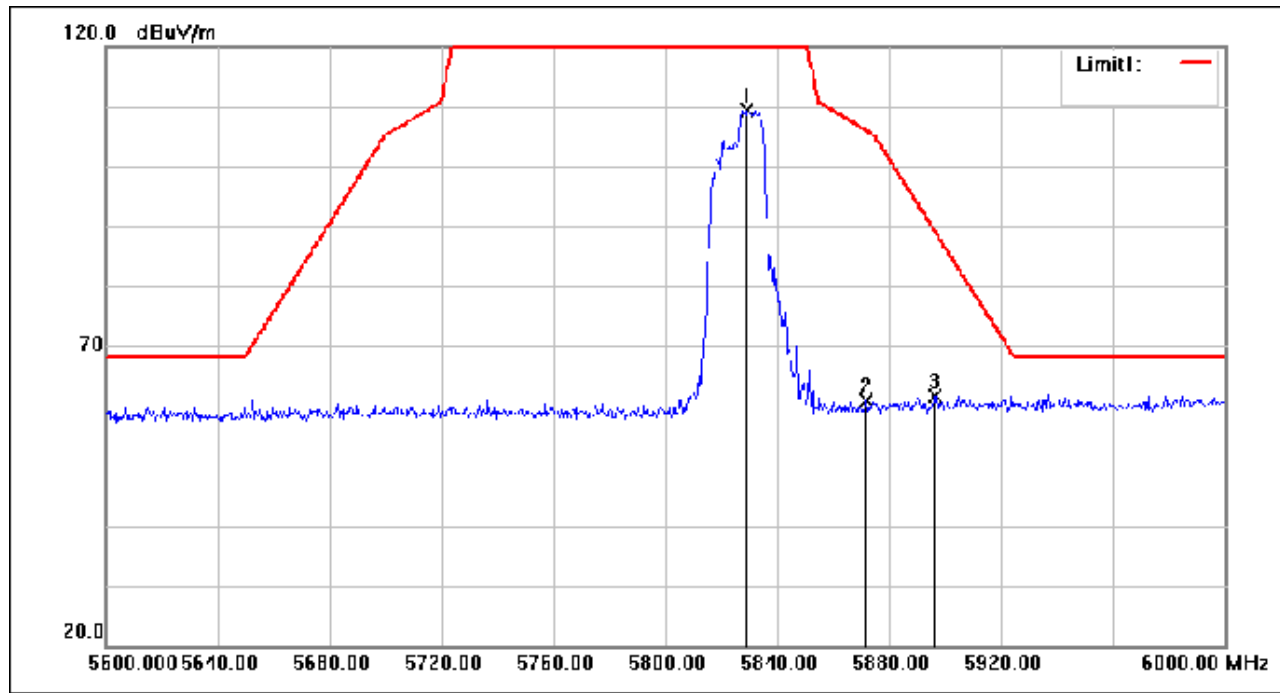
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(RU106_Right); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5829.200	123.59	-14.12	109.47	135.00	-25.53	peak
2	5871.600	74.89	-13.89	61.00	106.15	-45.15	peak
3	5896.400	75.48	-13.74	61.74	89.36	-27.62	peak

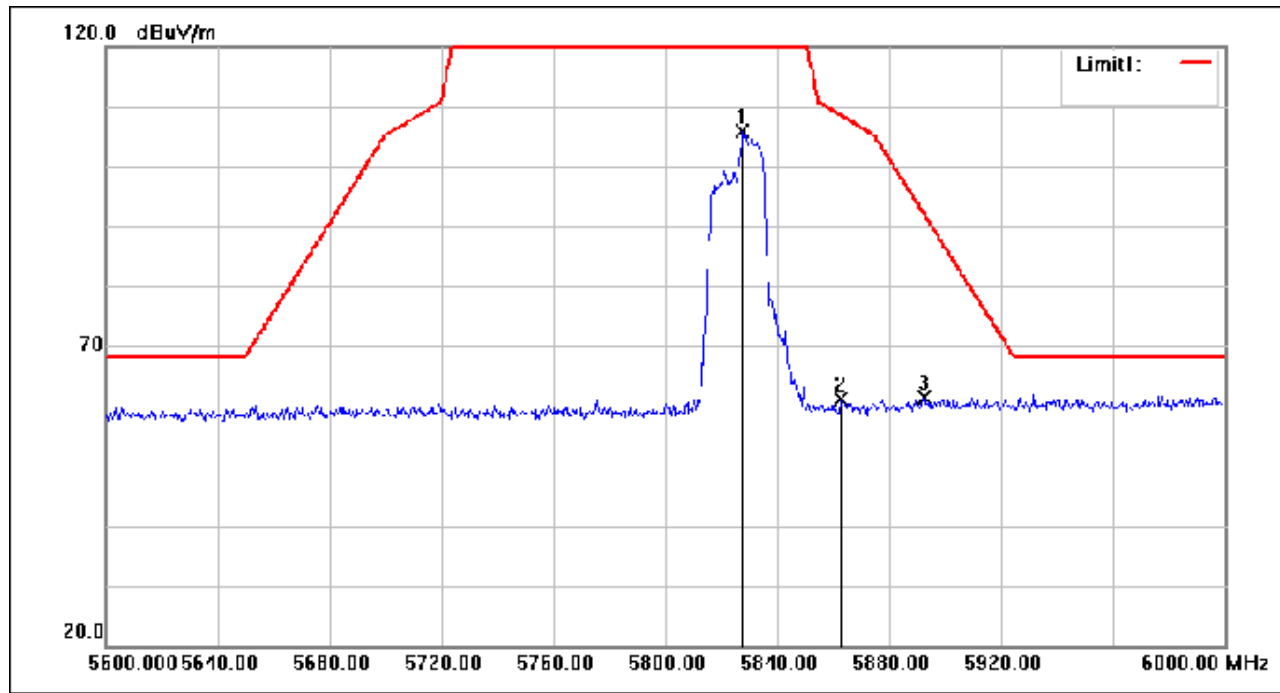
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(RU106_Right); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5827.600	119.96	-14.13	105.83	135.00	-29.17	peak
2	5862.400	74.97	-13.95	61.02	108.73	-47.71	peak
3	5892.400	75.15	-13.76	61.39	92.32	-30.93	peak

7.11 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2013) Section 6.8

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 25.4 °C

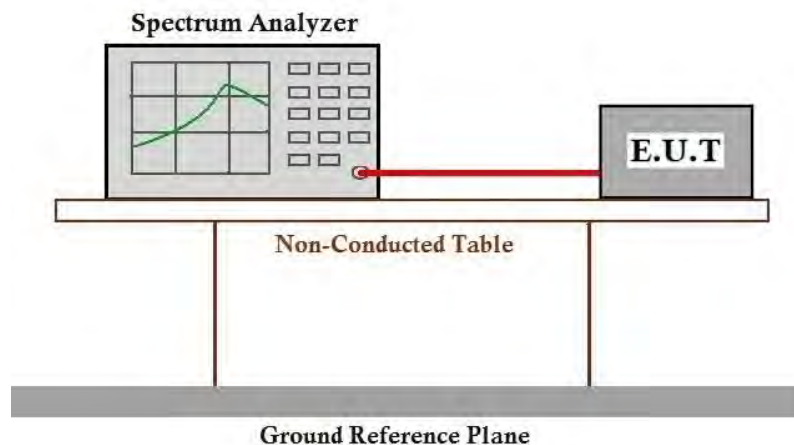
Humidity: 48.2 % RH

Atmospheric Pressure: 1010 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII 2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII 2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII 3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20, Only the data of worst case is recorded in the report.

7.11.3 Test Setup Diagram





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7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for KSCR2404000566AT

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for KSCR2404000566AT

10 Appendix

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.430	1.528	93.59	0.29	0.03
		5200	/	/	1.430	1.528	93.59	0.29	0.07
		5240	/	/	1.430	1.528	93.59	0.29	0.03
		5260	/	/	1.430	1.528	93.59	0.29	0.03
		5300	/	/	1.429	1.528	93.52	0.29	0.03
		5320	/	/	1.429	1.528	93.52	0.29	0.07
		5500	/	/	1.429	1.528	93.52	0.29	0.06
		5580	/	/	1.429	1.527	93.58	0.29	0.03
		5700	/	/	1.429	1.528	93.52	0.29	0.03
		5720	/	/	1.430	1.528	93.59	0.29	0.03
		5745	/	/	1.429	1.528	93.52	0.29	0.03
		5785	/	/	1.429	1.528	93.52	0.29	0.03
		5825	/	/	1.429	1.527	93.58	0.29	0.03
802.11n (HT20)	SISO	5180	/	/	1.339	1.437	93.18	0.31	0.03
		5200	/	/	1.337	1.436	93.11	0.31	0.03
		5240	/	/	1.337	1.436	93.11	0.31	0.03
		5260	/	/	1.337	1.435	93.17	0.31	0.03
		5300	/	/	1.338	1.435	93.24	0.30	0.00
		5320	/	/	1.338	1.436	93.18	0.31	0.03
		5500	/	/	1.338	1.436	93.18	0.31	0.03
		5580	/	/	1.338	1.436	93.18	0.31	0.03
		5700	/	/	1.338	1.436	93.18	0.31	0.03
		5720	/	/	1.338	1.436	93.18	0.31	0.03
		5745	/	/	1.337	1.436	93.11	0.31	0.03
		5785	/	/	1.337	1.436	93.11	0.31	0.06
		5825	/	/	1.337	1.436	93.11	0.31	0.03
802.11ac (VHT20)	SISO	5180	/	/	1.346	1.444	93.21	0.31	0.03
		5200	/	/	1.346	1.444	93.21	0.31	0.00
		5240	/	/	1.346	1.444	93.21	0.31	0.00
		5260	/	/	1.346	1.444	93.21	0.31	0.03
		5300	/	/	1.346	1.444	93.21	0.31	0.03
		5320	/	/	1.346	1.444	93.21	0.31	0.03



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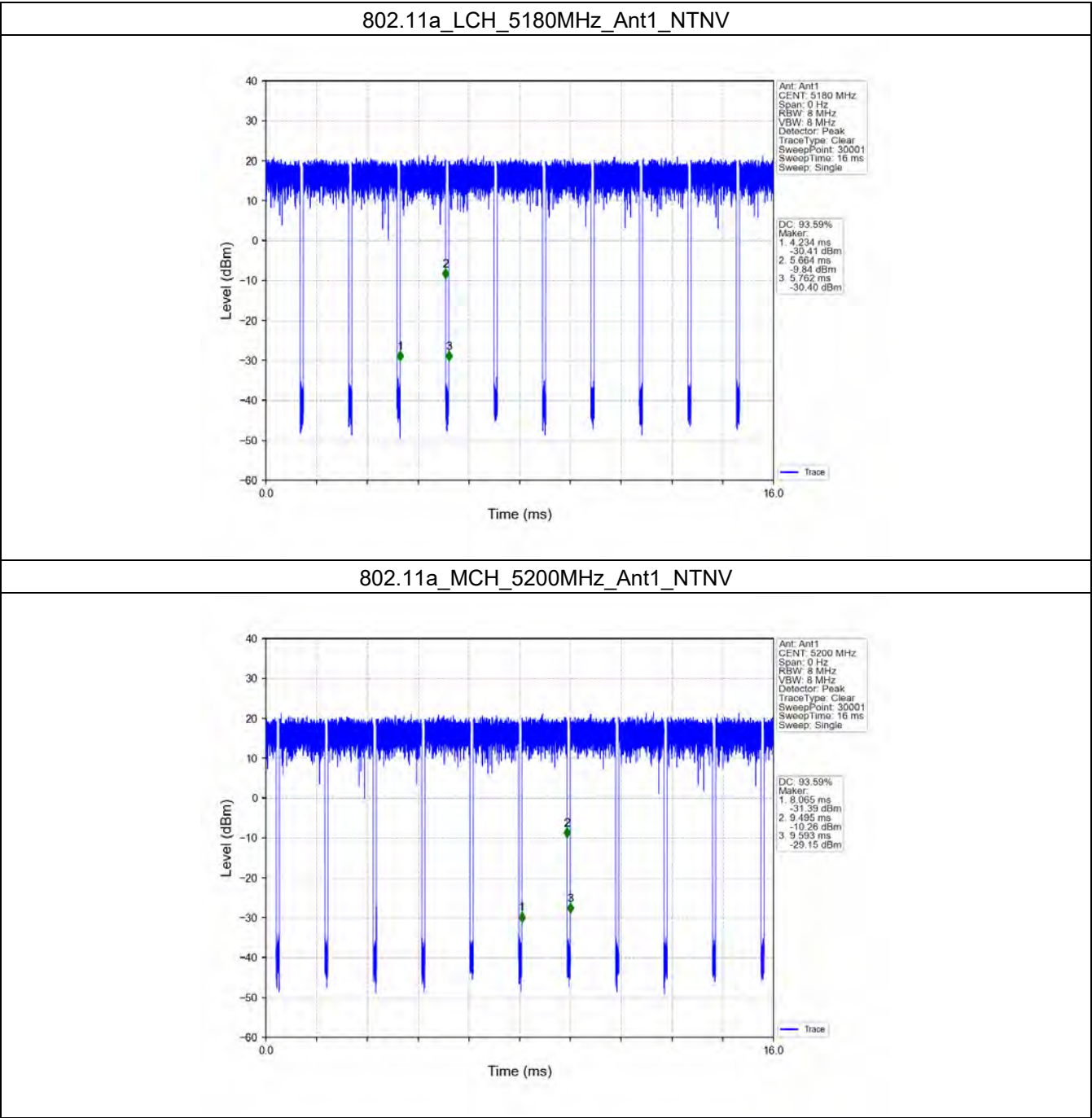
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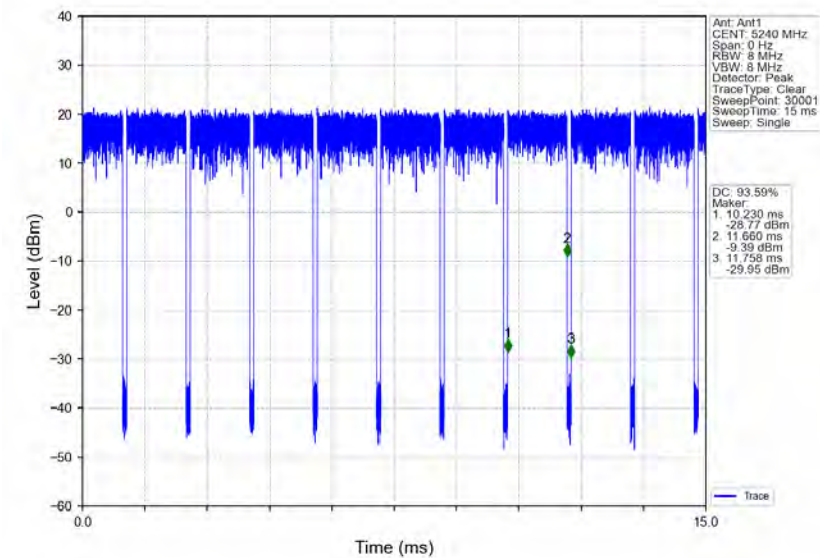
		5500	/	/	1.345	1.443	93.21	0.31	0.00
		5580	/	/	1.345	1.444	93.14	0.31	0.03
		5700	/	/	1.345	1.443	93.21	0.31	0.00
		5720	/	/	1.346	1.444	93.21	0.31	0.03
		5745	/	/	1.346	1.443	93.28	0.30	0.00
		5785	/	/	1.345	1.444	93.14	0.31	0.03
		5825	/	/	1.345	1.444	93.14	0.31	0.03
802.11ax (HE20)	SISO	5180	RU242	/	1.046	1.145	91.35	0.39	0.09
		5200	RU242	/	1.046	1.145	91.35	0.39	0.03
		5240	RU242	/	1.046	1.145	91.35	0.39	0.03
		5260	RU242	/	1.046	1.144	91.43	0.39	0.03
		5300	RU242	/	1.046	1.145	91.35	0.39	0.03
		5320	RU242	/	1.046	1.145	91.35	0.39	0.03
		5500	RU242	/	1.046	1.144	91.43	0.39	0.03
		5580	RU242	/	1.046	1.145	91.35	0.39	0.06
		5700	RU242	/	1.046	1.144	91.43	0.39	0.03
		5720	RU242	Left	1.046	1.145	91.35	0.39	0.03
		5745	RU242	/	1.045	1.144	91.35	0.39	0.03
		5785	RU242	/	1.045	1.145	91.27	0.40	0.00
		5825	RU242	/	1.046	1.144	91.43	0.39	0.07

1.2 Test Graph

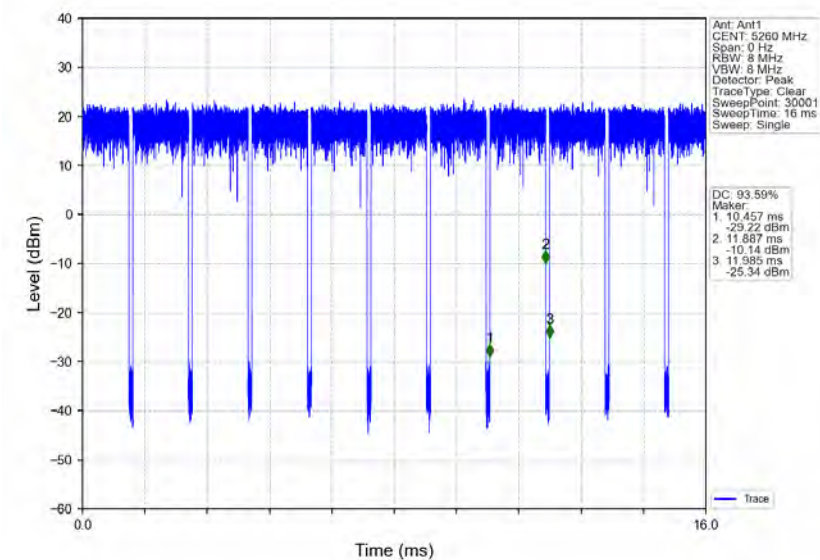
1.2.1 Ant1



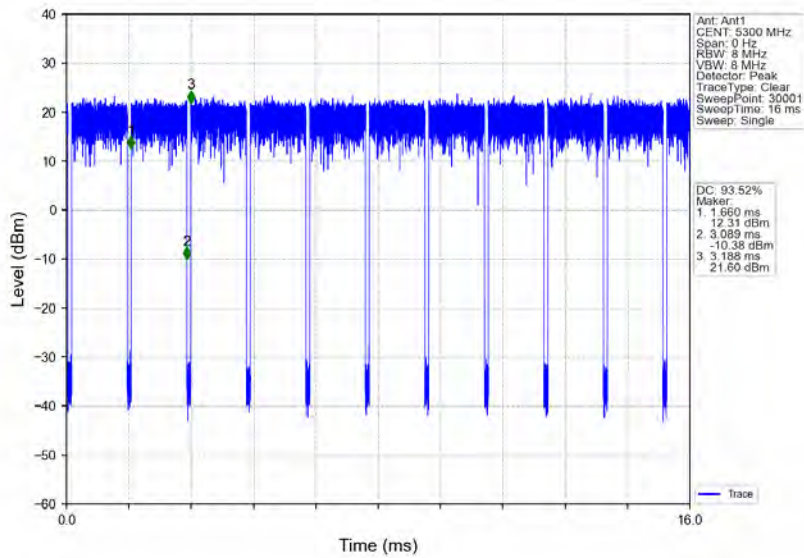
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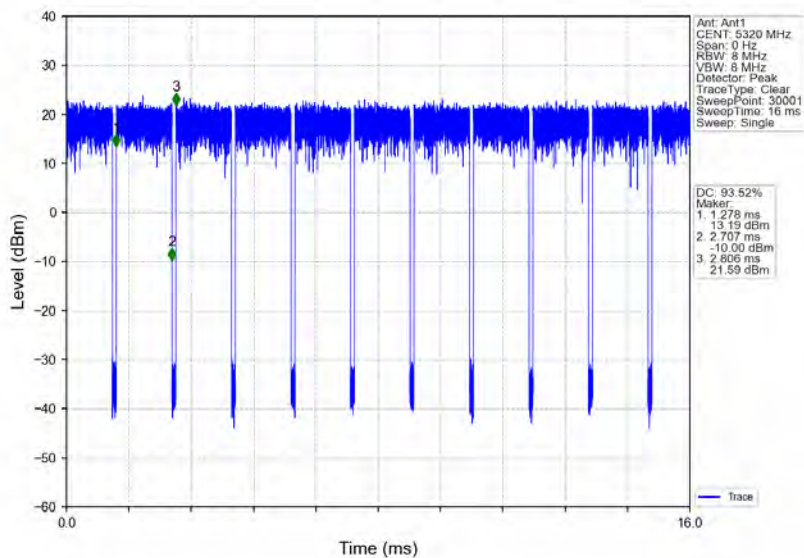
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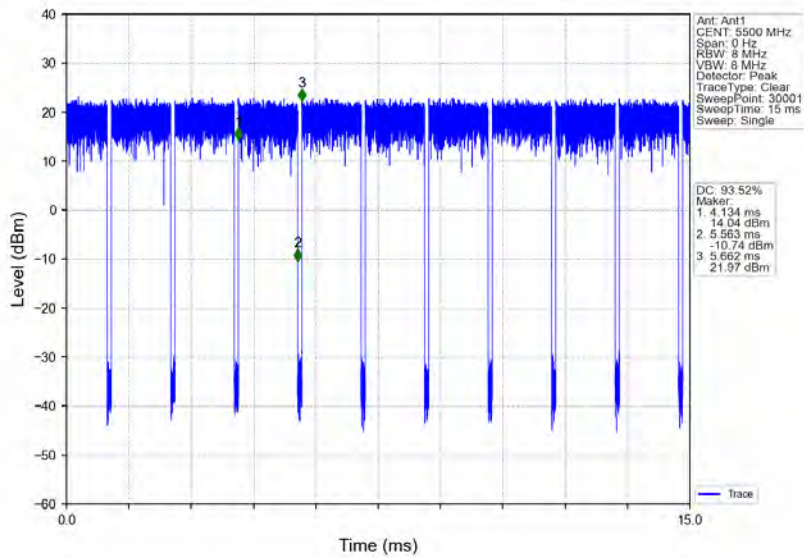
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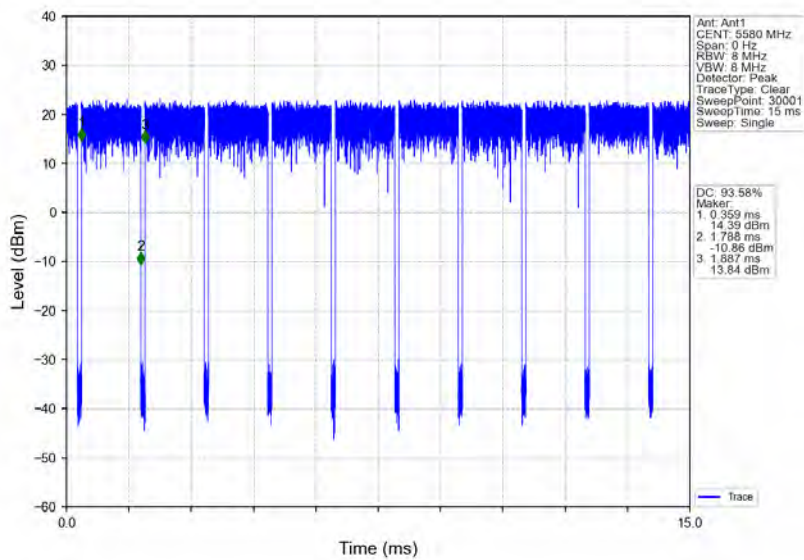
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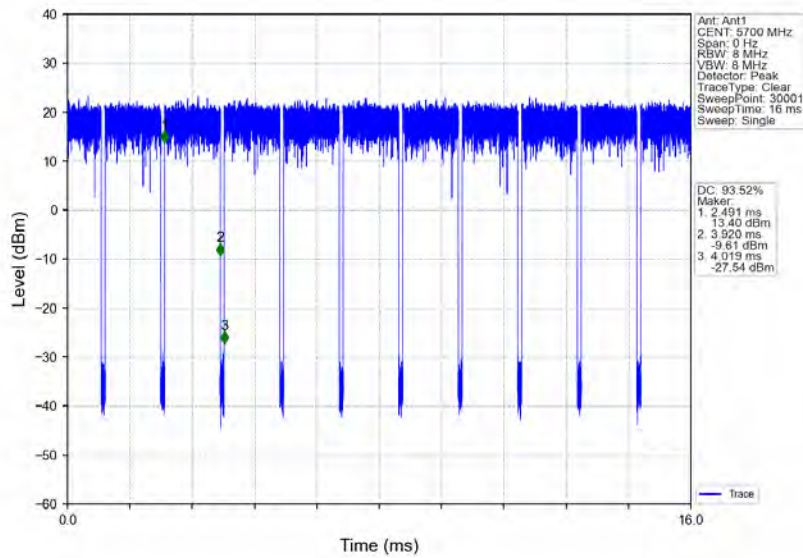
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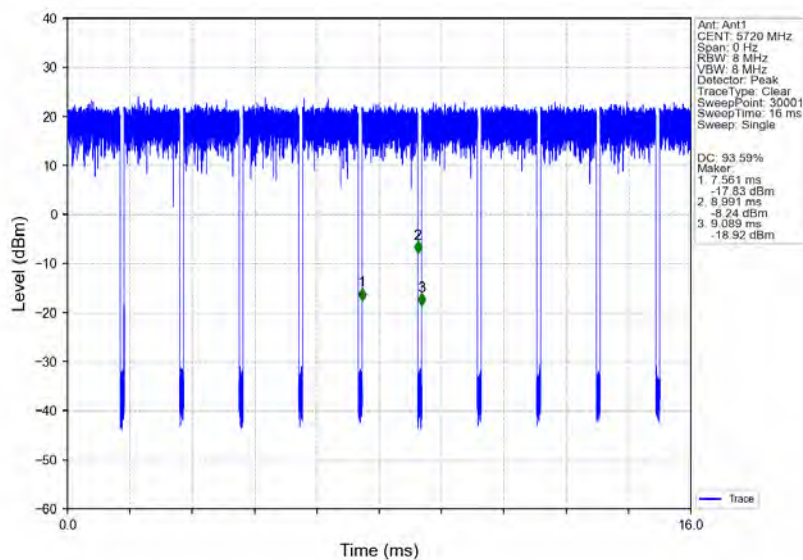
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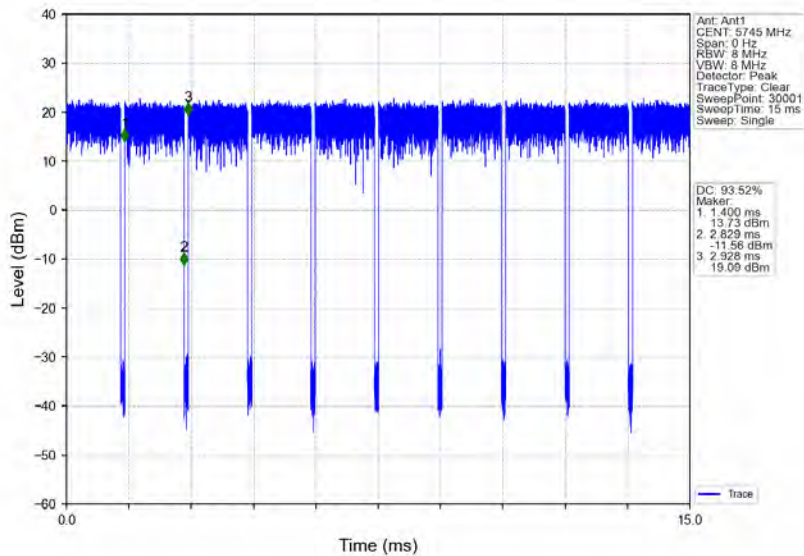
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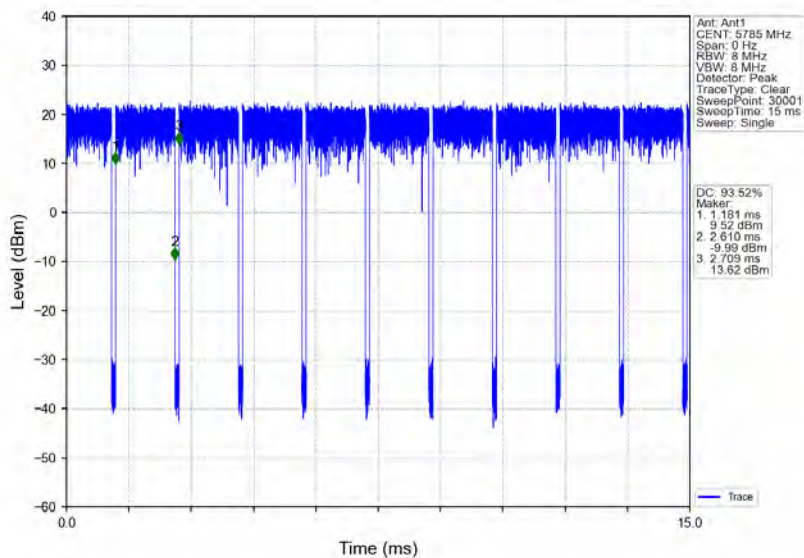
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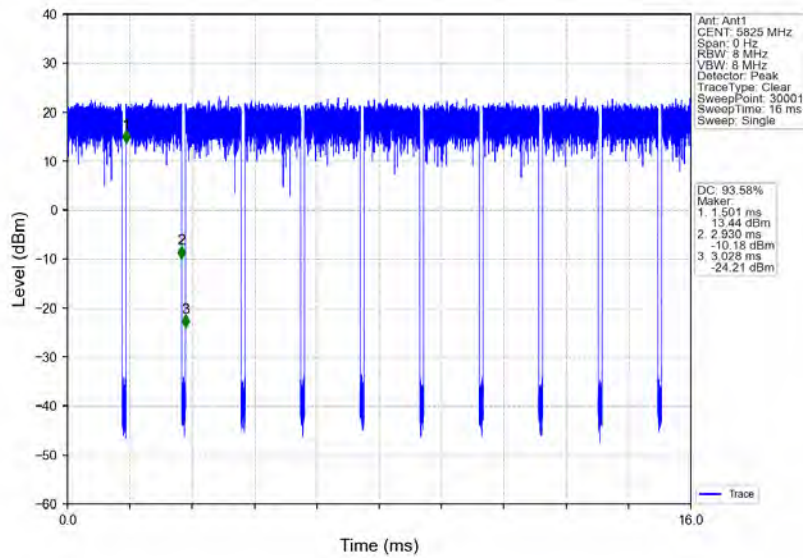
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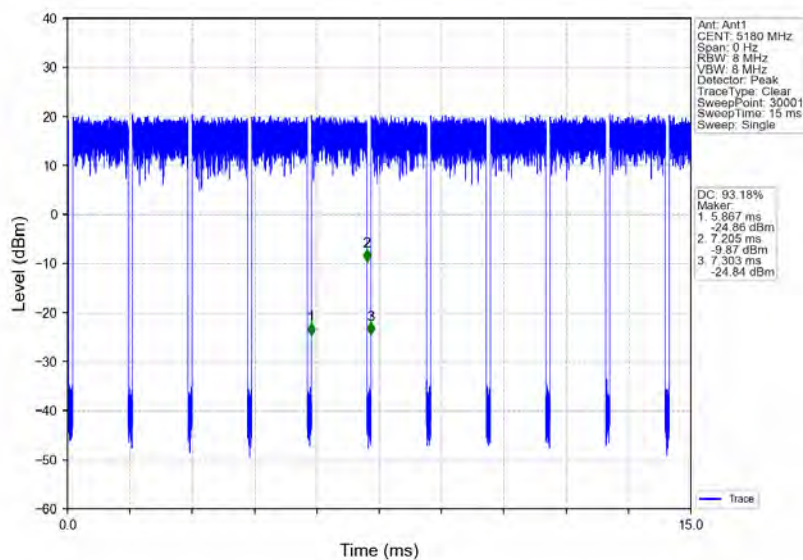
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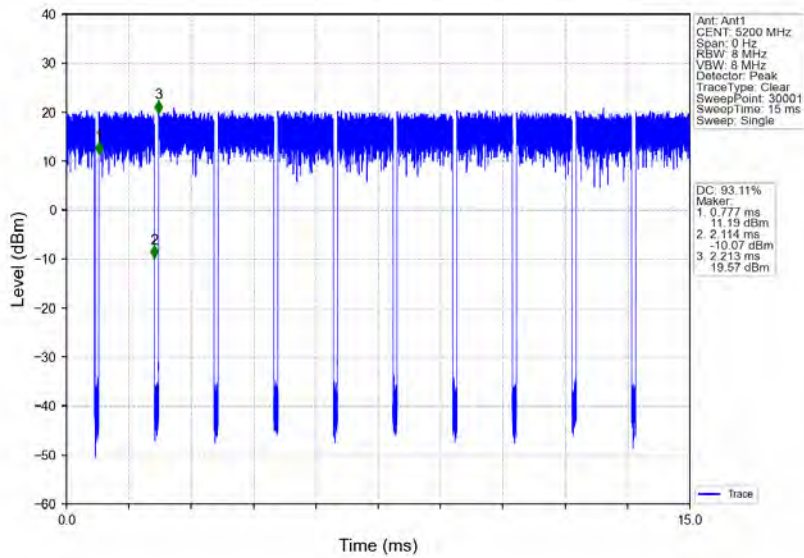
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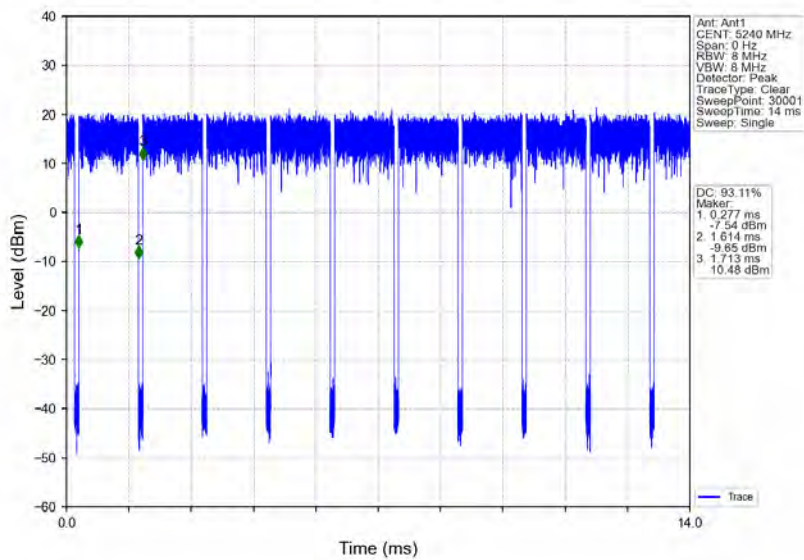
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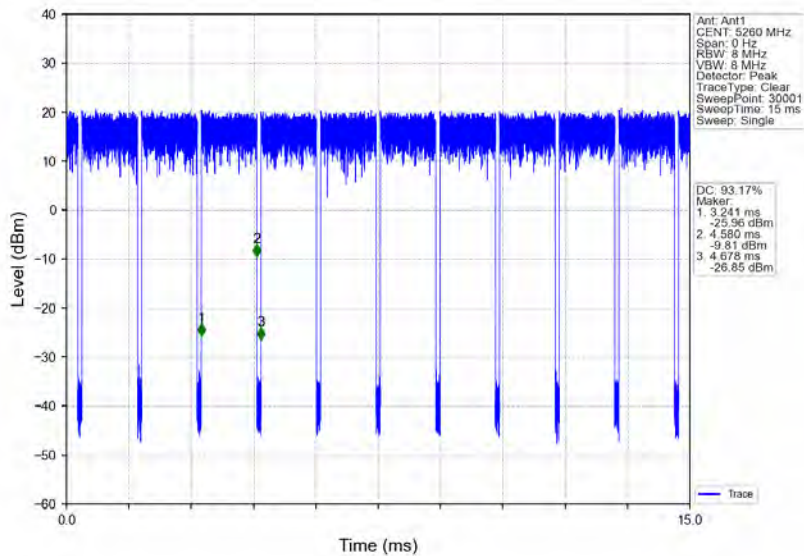
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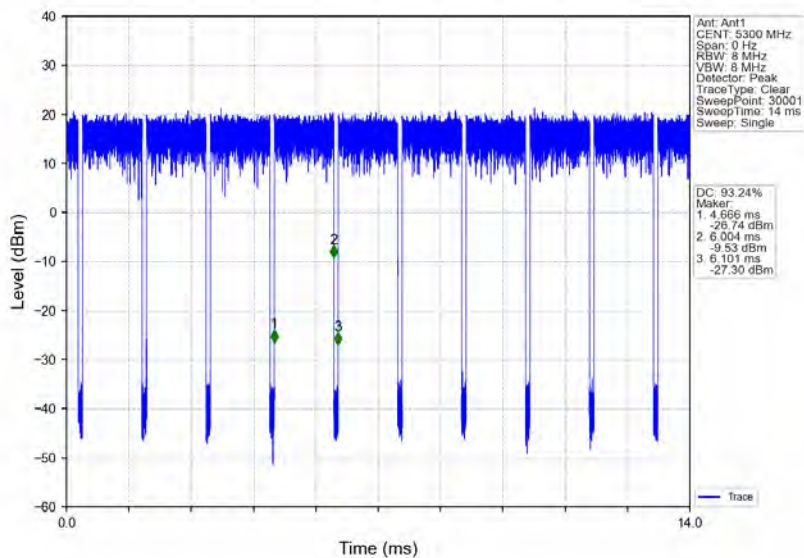
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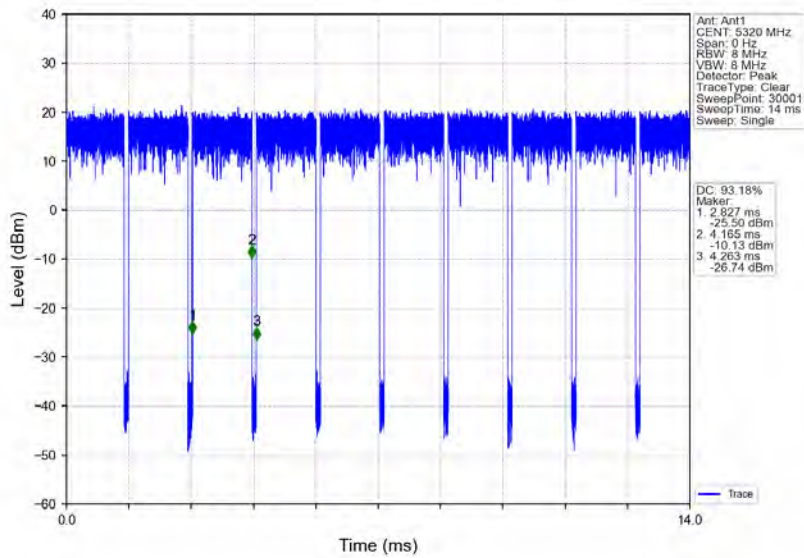
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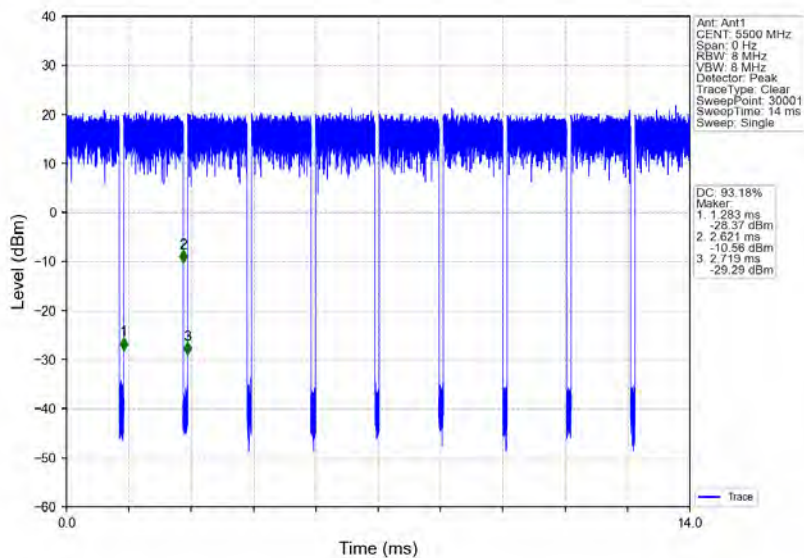
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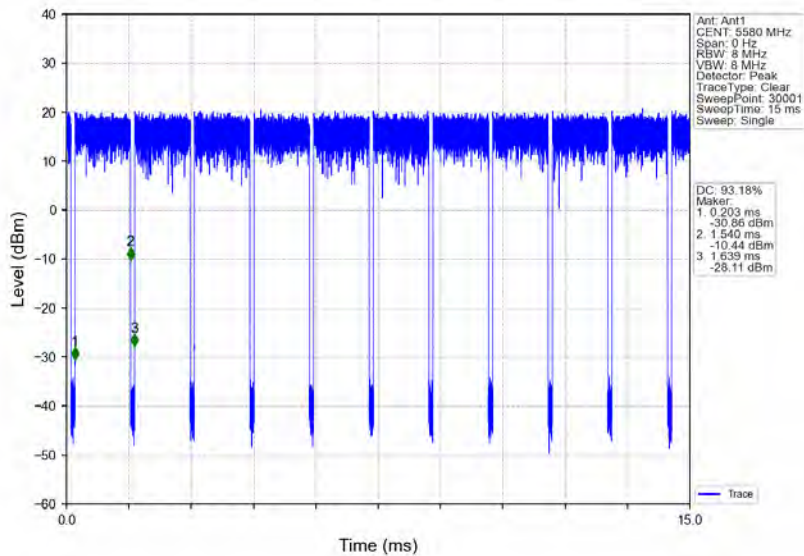
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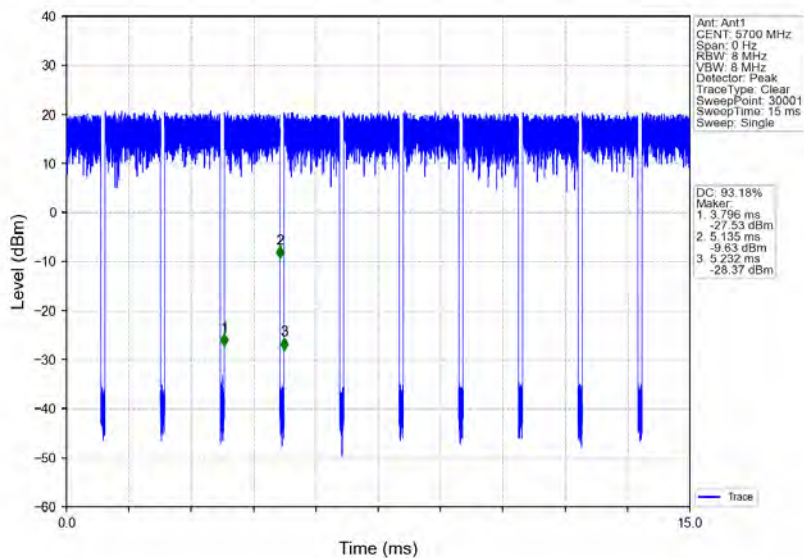
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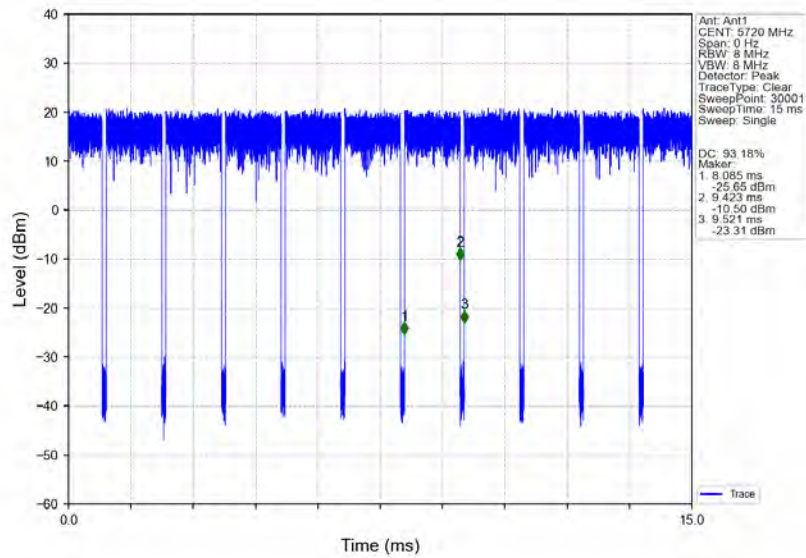
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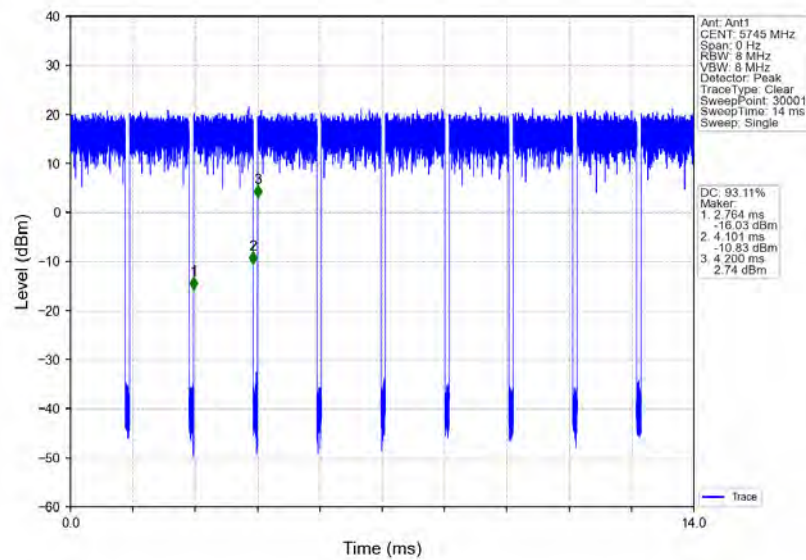
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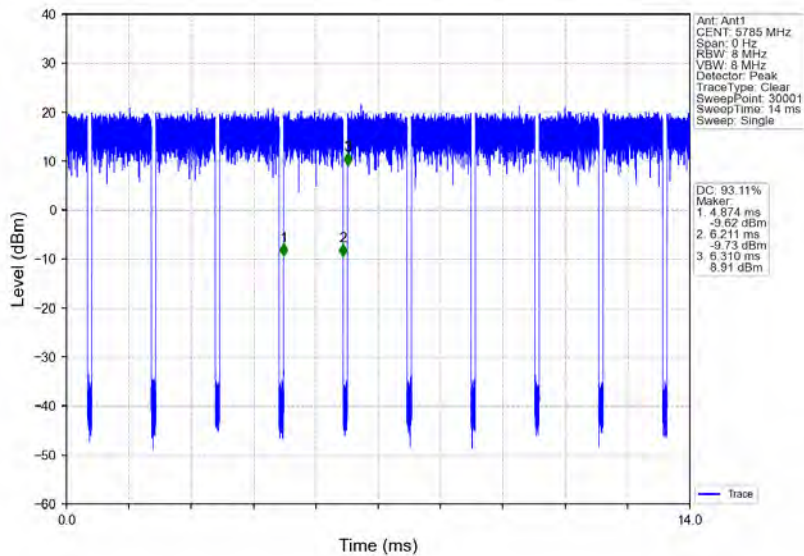
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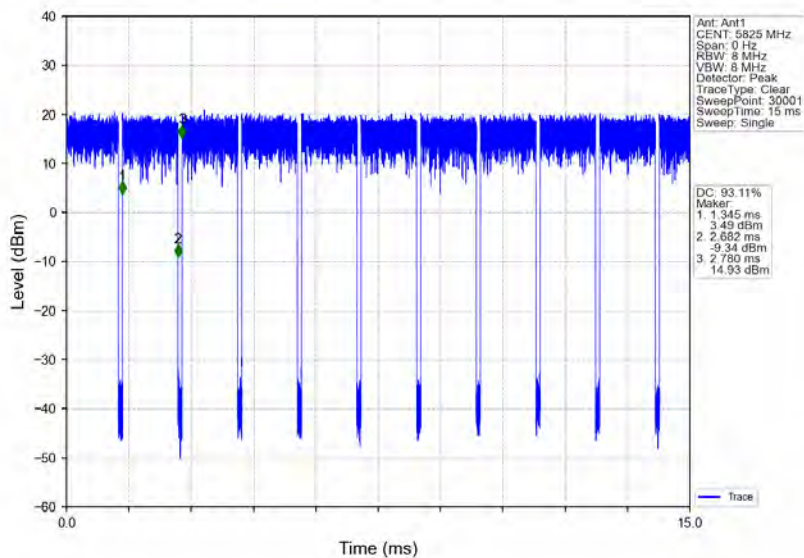
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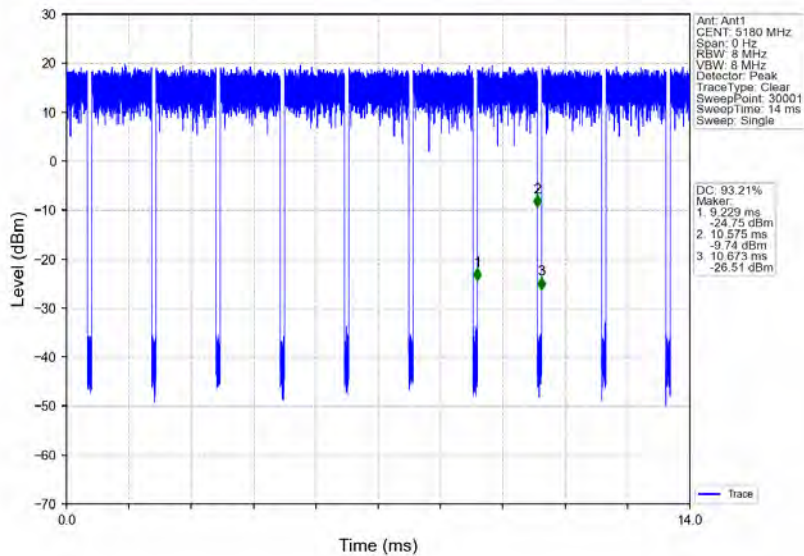
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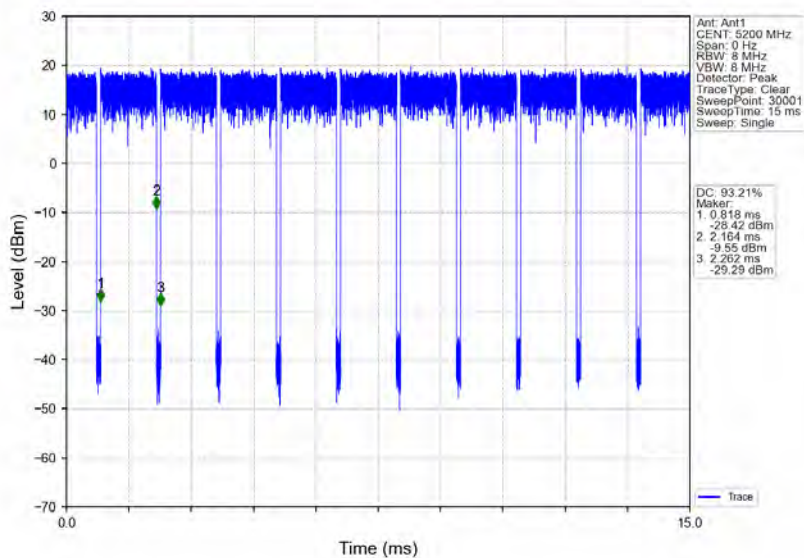
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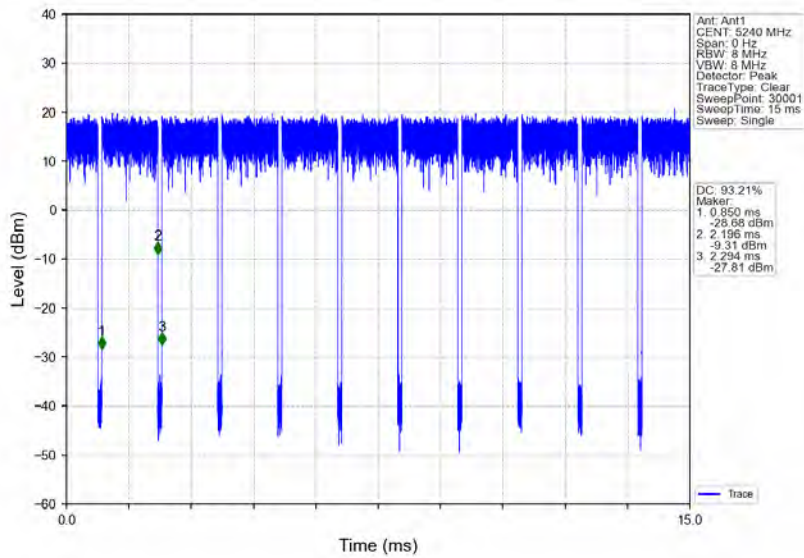
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



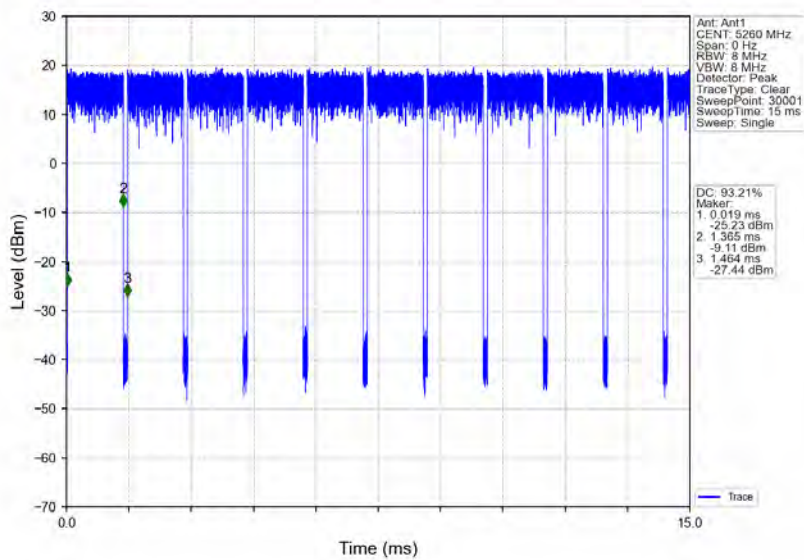
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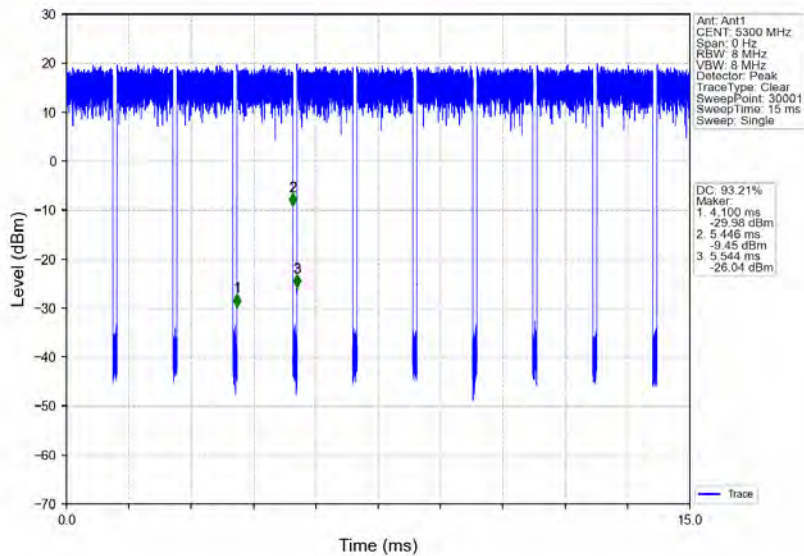
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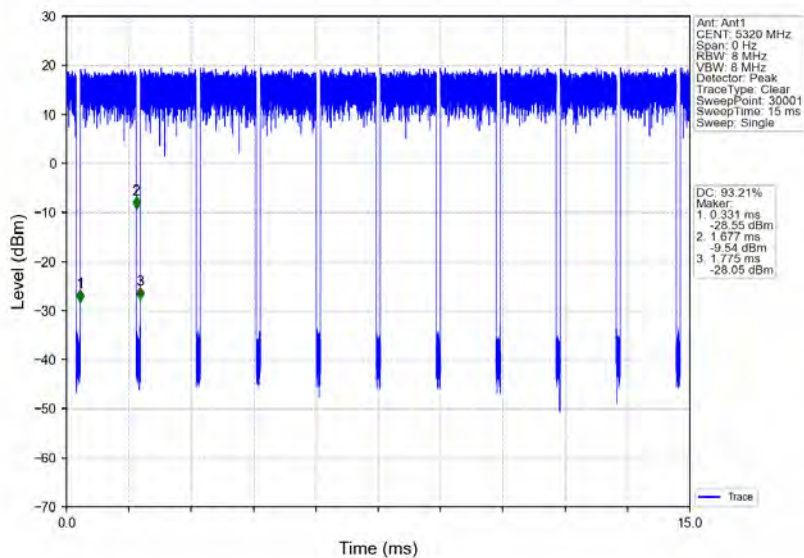
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



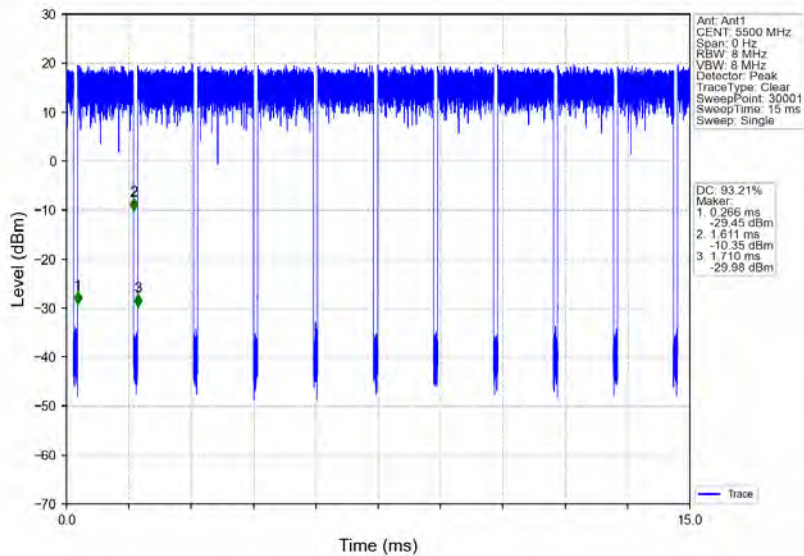
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



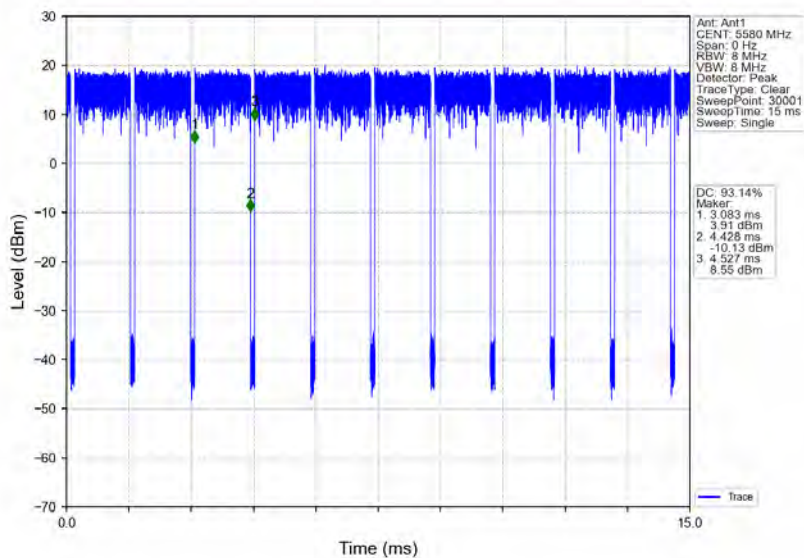
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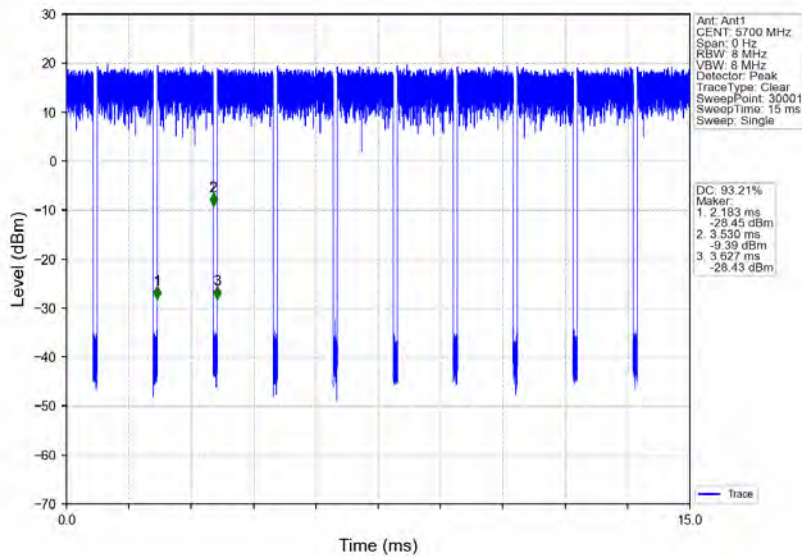
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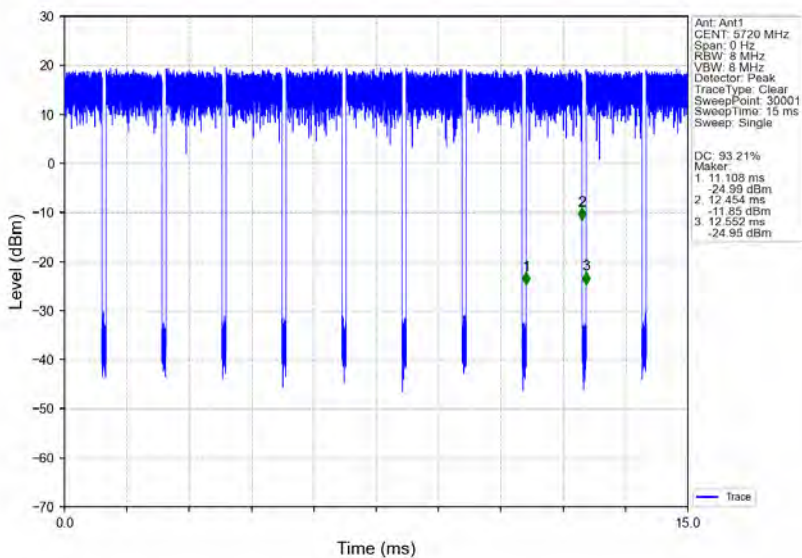
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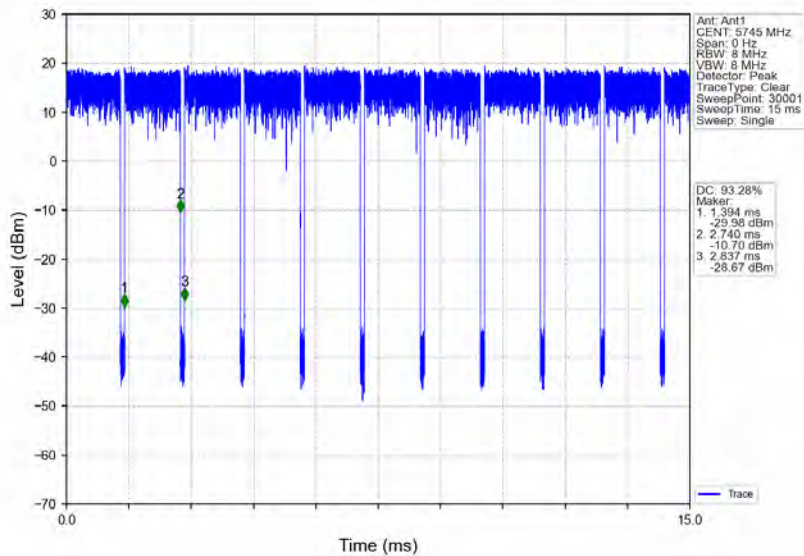
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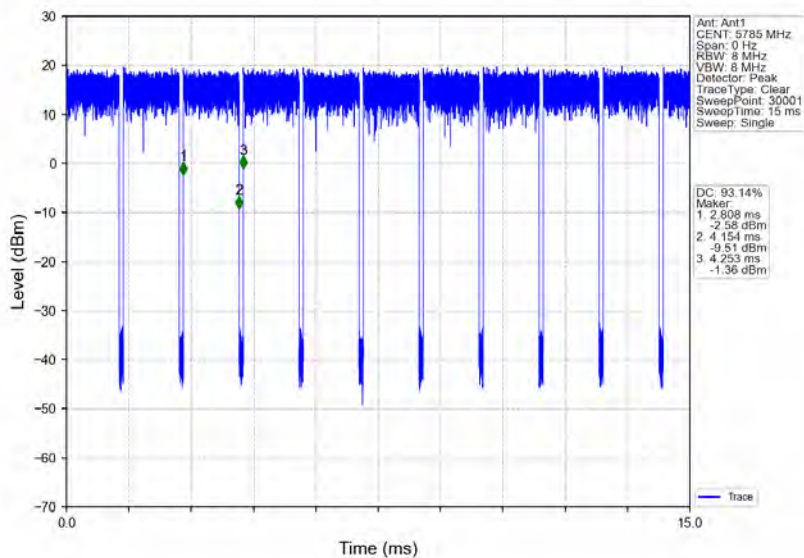
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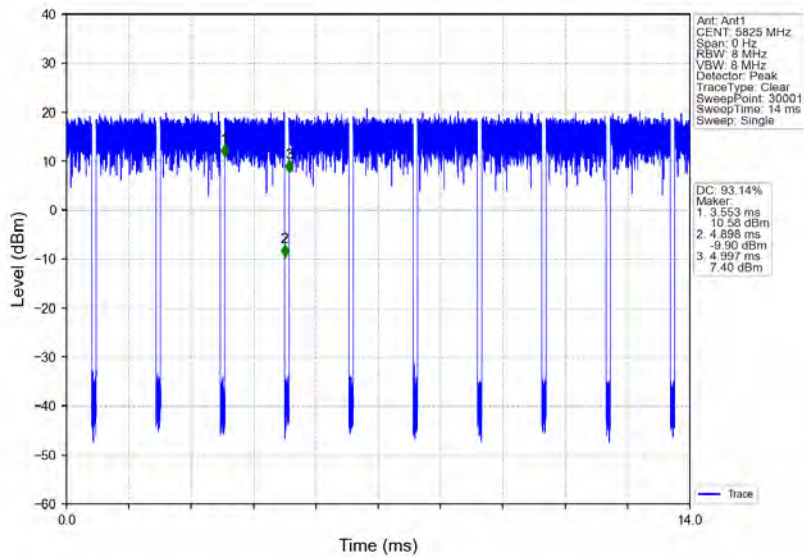
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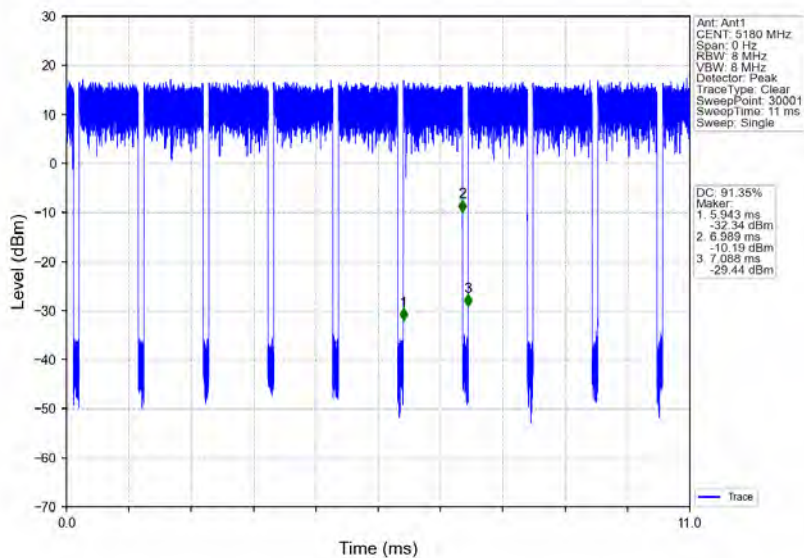
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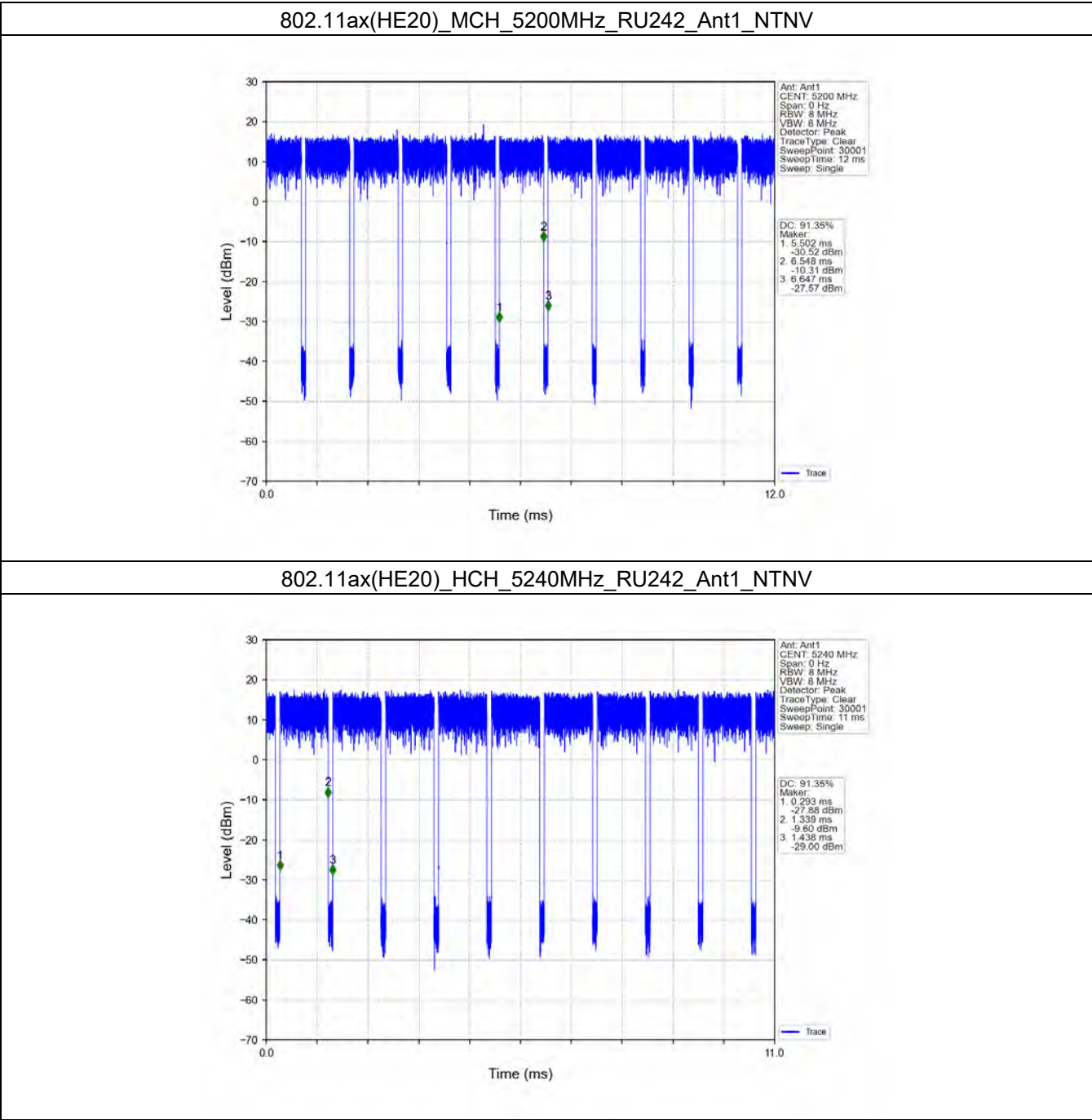


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ax(HE20)_LCH_5180MHz_RU242_Ant1_NTNV





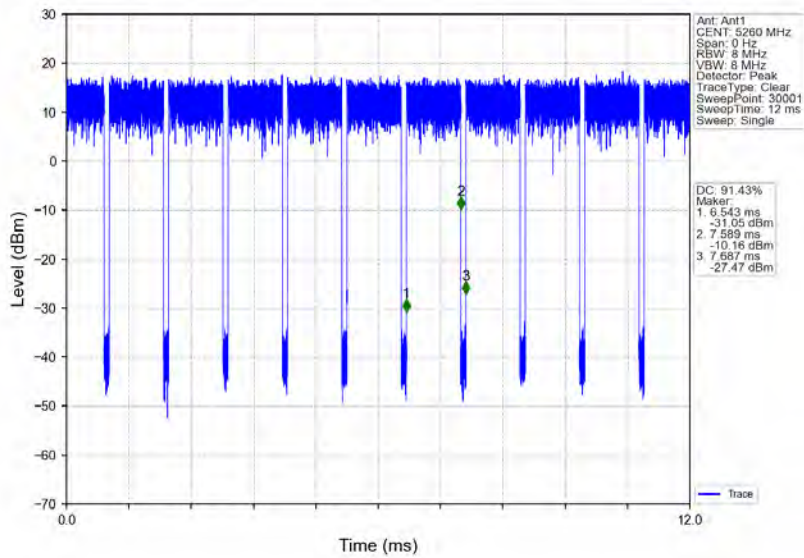
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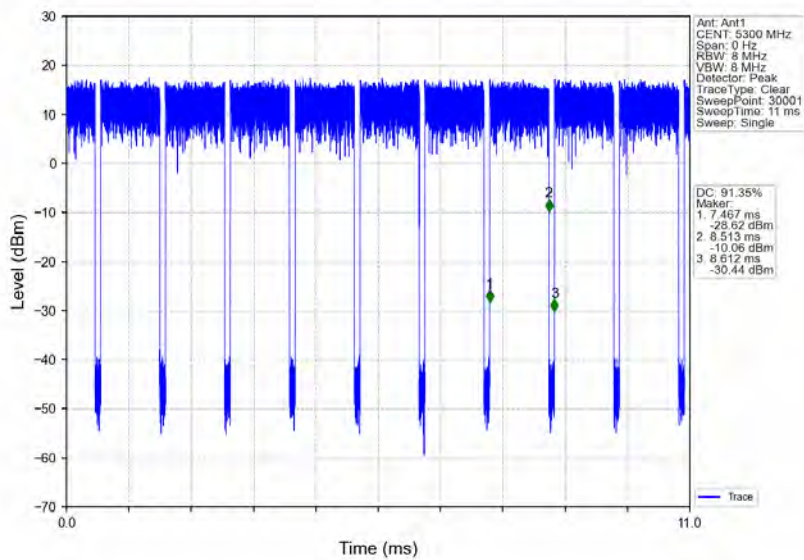
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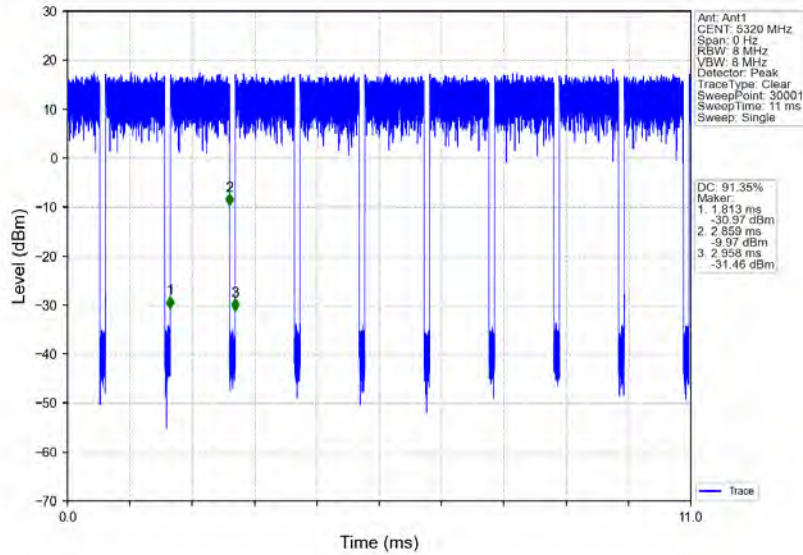
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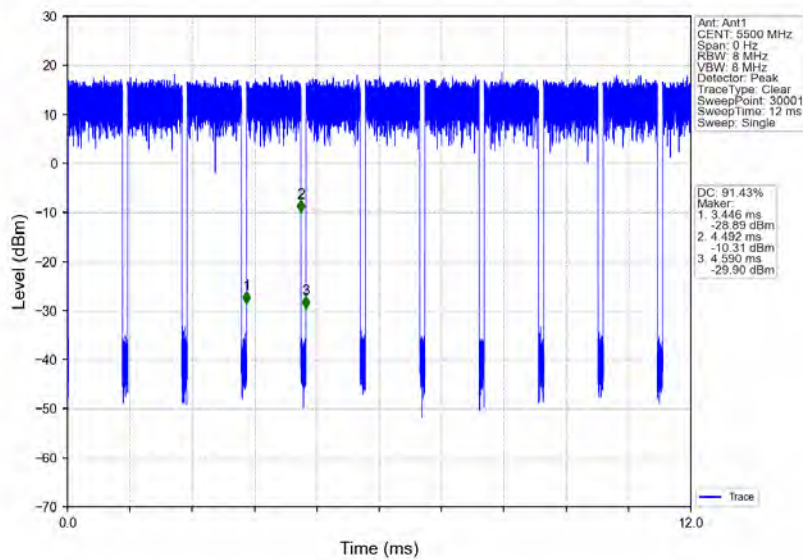
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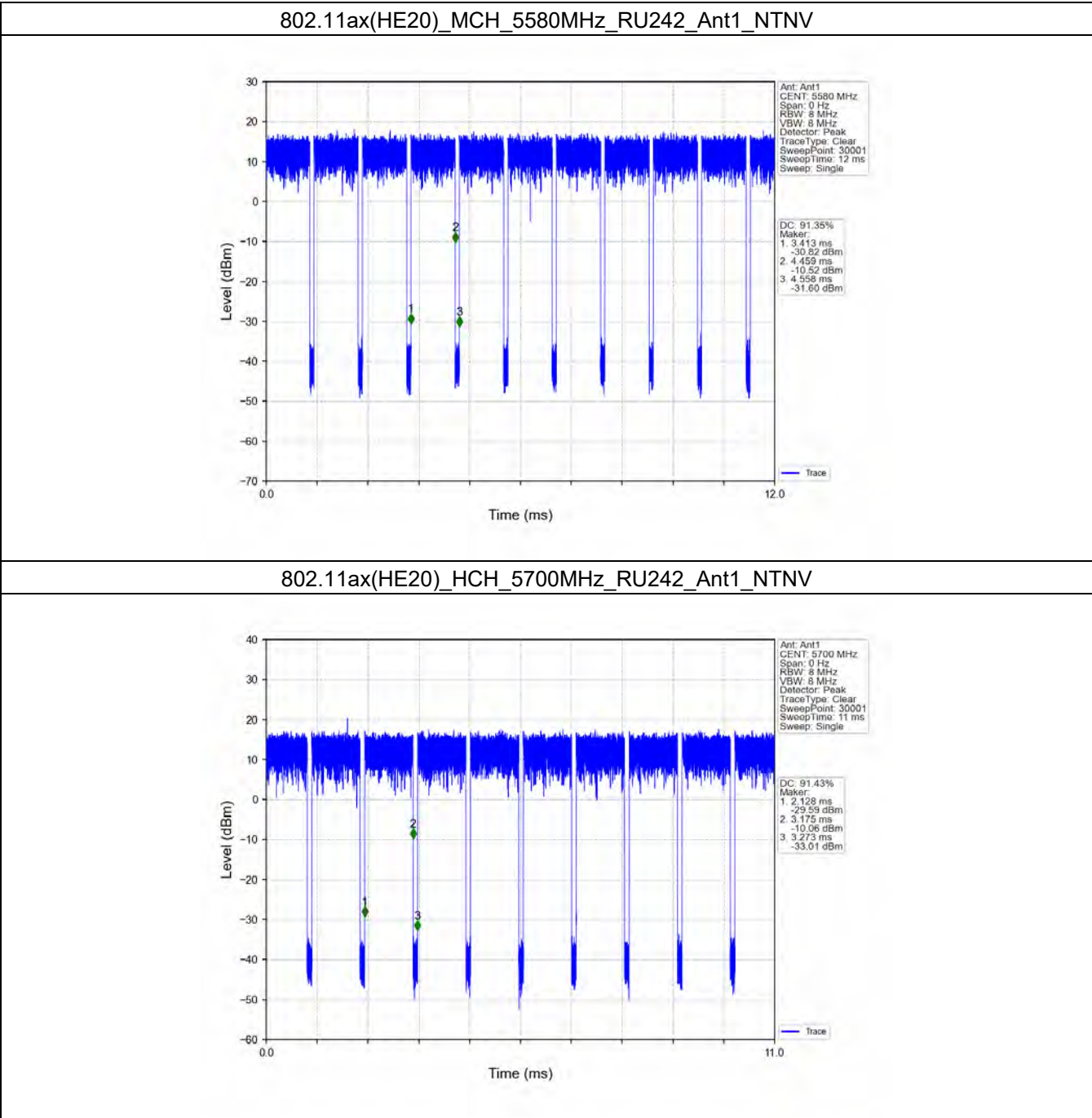


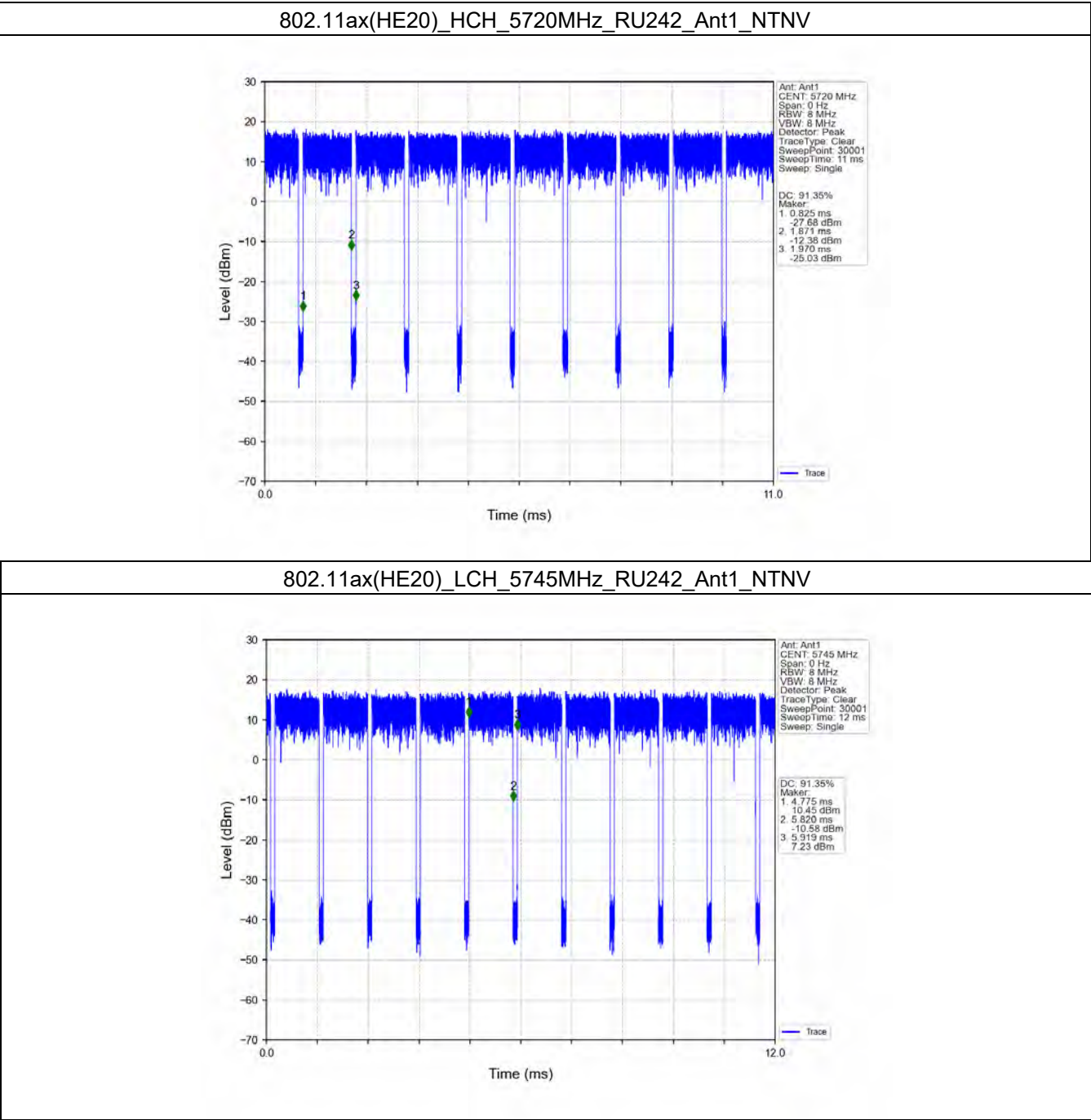
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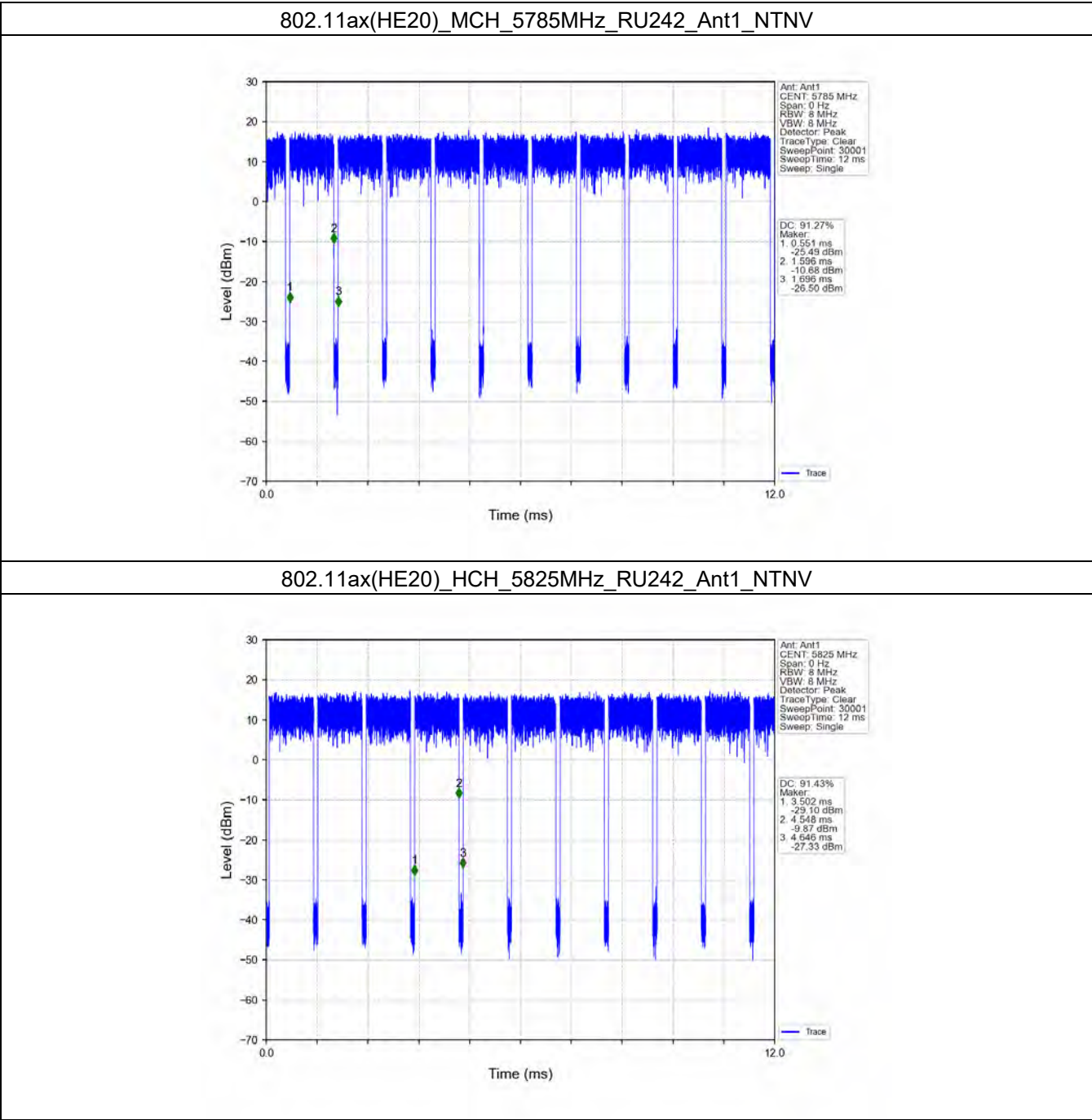


802.11ax(HE20)_LCH_5500MHz_RU242_Ant1_NTNV









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2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	17.772	/	Pass
		5200	/	/	1	17.809	/	Pass
		5240	/	/	1	17.770	/	Pass
		5260	/	/	1	17.744	/	Pass
		5300	/	/	1	17.846	/	Pass
		5320	/	/	1	17.769	/	Pass
		5500	/	/	1	17.819	/	Pass
		5580	/	/	1	17.876	/	Pass
		5700	/	/	1	17.809	/	Pass
		5720	/	/	1	17.777	/	Pass
		5745	/	/	1	17.889	/	Pass
		5785	/	/	1	17.708	/	Pass
		5825	/	/	1	17.765	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	18.744	/	Pass
		5200	/	/	1	18.665	/	Pass
		5240	/	/	1	18.777	/	Pass
		5260	/	/	1	18.614	/	Pass
		5300	/	/	1	18.679	/	Pass
		5320	/	/	1	18.718	/	Pass
		5500	/	/	1	18.706	/	Pass
		5580	/	/	1	18.746	/	Pass
		5700	/	/	1	18.637	/	Pass
		5720	/	/	1	18.618	/	Pass
		5745	/	/	1	18.793	/	Pass
		5785	/	/	1	18.713	/	Pass
		5825	/	/	1	18.687	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	18.699	/	Pass
		5200	/	/	1	18.728	/	Pass
		5240	/	/	1	18.631	/	Pass
		5260	/	/	1	18.654	/	Pass
		5300	/	/	1	18.699	/	Pass
		5320	/	/	1	18.639	/	Pass
		5500	/	/	1	18.690	/	Pass
		5580	/	/	1	18.643	/	Pass
		5700	/	/	1	18.607	/	Pass

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		5720	/	/	1	18.656	/	Pass
		5745	/	/	1	18.767	/	Pass
		5785	/	/	1	18.620	/	Pass
		5825	/	/	1	18.765	/	Pass
802.11ax (HE20)	SISO	5180	RU242	/	1	19.339	/	Pass
		5200	RU242	/	1	19.353	/	Pass
		5240	RU242	/	1	19.449	/	Pass
		5260	RU242	/	1	19.405	/	Pass
		5300	RU242	/	1	19.349	/	Pass
		5320	RU242	/	1	19.338	/	Pass
		5500	RU242	/	1	19.401	/	Pass
		5580	RU242	/	1	19.380	/	Pass
		5700	RU242	/	1	19.333	/	Pass
		5720	RU242	/	1	19.319	/	Pass
		5745	RU242	/	1	19.360	/	Pass
		5785	RU242	/	1	19.391	/	Pass
		5825	RU242	/	1	19.360	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	15.195	>=0.5	Pass
		5785	/	/	1	15.205	>=0.5	Pass
		5825	/	/	1	15.197	>=0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	15.159	>=0.5	Pass
		5785	/	/	1	15.207	>=0.5	Pass
		5825	/	/	1	15.195	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	15.206	>=0.5	Pass
		5785	/	/	1	15.192	>=0.5	Pass
		5825	/	/	1	15.208	>=0.5	Pass
802.11ax (HE20)	SISO	5745	RU242	/	1	15.179	>=0.5	Pass
		5785	RU242	/	1	16.525	>=0.5	Pass
		5825	RU242	/	1	16.765	>=0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	20.972	/	Pass
		5200	/	/	1	20.992	/	Pass
		5240	/	/	1	21.153	/	Pass
		5260	/	/	1	21.035	/	Pass
		5300	/	/	1	20.941	/	Pass
		5320	/	/	1	21.075	/	Pass

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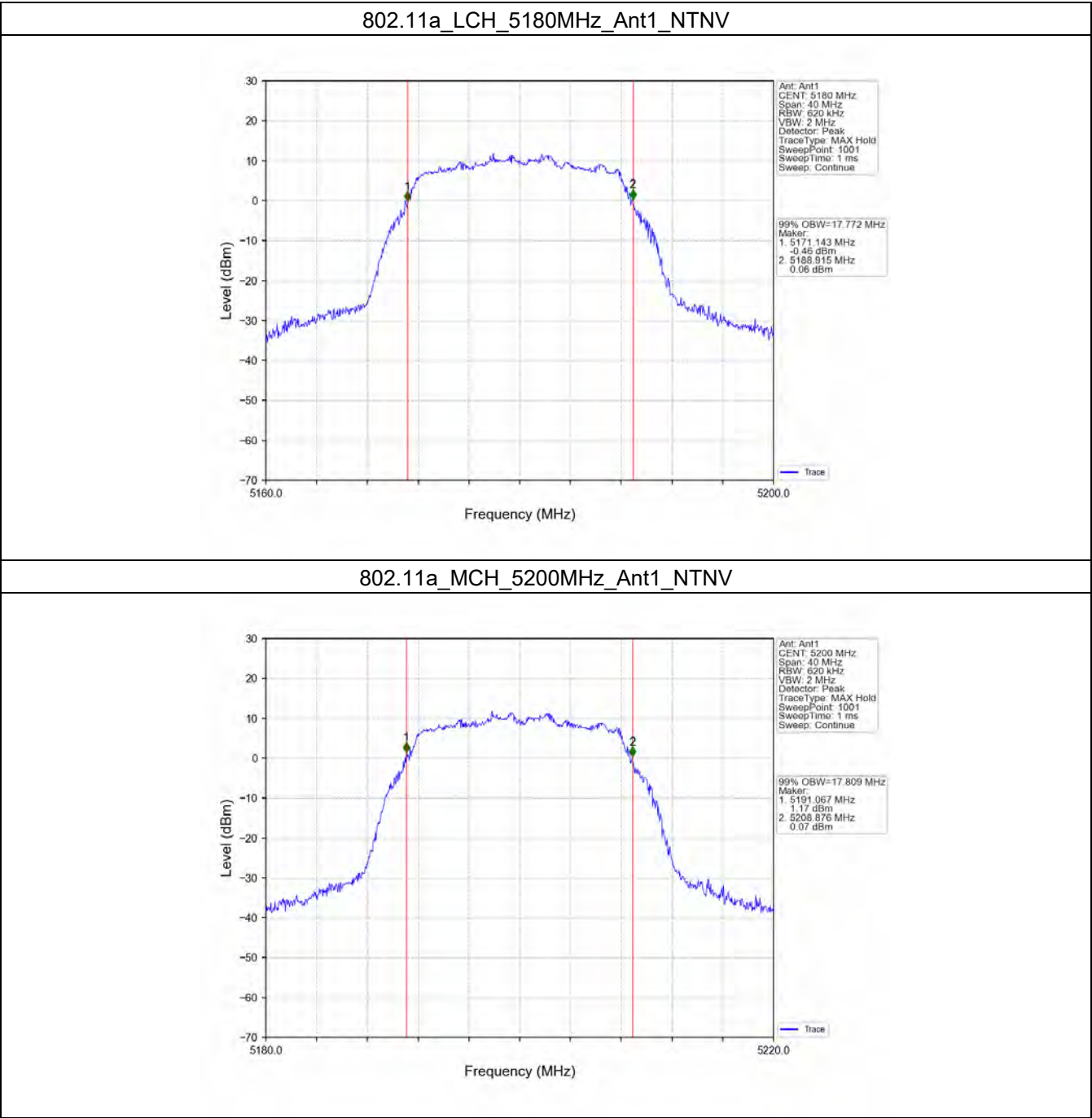
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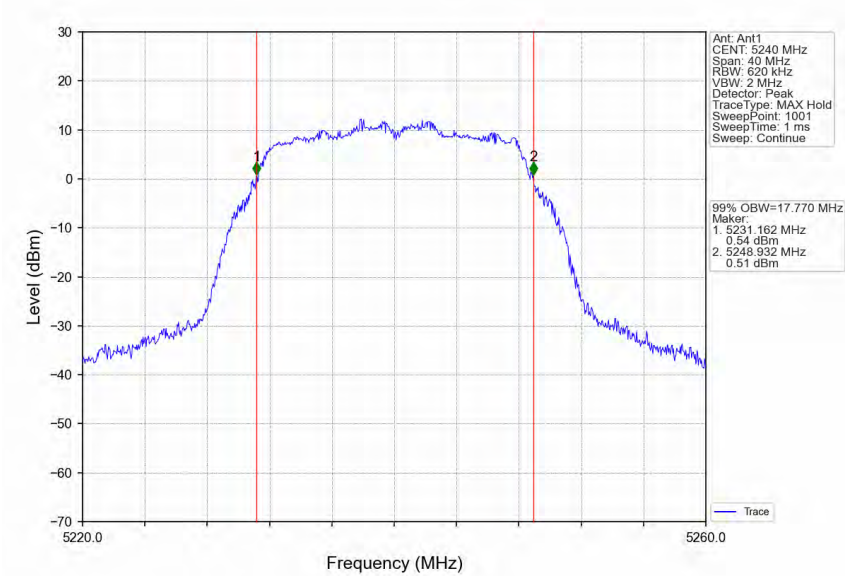
		5500	/	/	1	20.996	/	Pass
		5580	/	/	1	21.002	/	Pass
		5700	/	/	1	20.932	/	Pass
		5720	/	/	1	20.994	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	21.198	/	Pass
		5200	/	/	1	21.277	/	Pass
		5240	/	/	1	21.253	/	Pass
		5260	/	/	1	21.154	/	Pass
		5300	/	/	1	21.451	/	Pass
		5320	/	/	1	21.234	/	Pass
		5500	/	/	1	21.202	/	Pass
		5580	/	/	1	21.245	/	Pass
		5700	/	/	1	21.106	/	Pass
		5720	/	/	1	21.161	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	21.161	/	Pass
		5200	/	/	1	21.277	/	Pass
		5240	/	/	1	20.994	/	Pass
		5260	/	/	1	21.201	/	Pass
		5300	/	/	1	21.161	/	Pass
		5320	/	/	1	21.224	/	Pass
		5500	/	/	1	21.194	/	Pass
		5580	/	/	1	21.123	/	Pass
		5700	/	/	1	21.283	/	Pass
		5720	/	/	1	21.182	/	Pass
802.11ax (HE20)	SISO	5180	RU242	/	1	21.244	/	Pass
		5200	RU242	/	1	21.048	/	Pass
		5240	RU242	/	1	21.357	/	Pass
		5260	RU242	/	1	21.672	/	Pass
		5300	RU242	/	1	21.274	/	Pass
		5320	RU242	/	1	21.211	/	Pass
		5500	RU242	/	1	21.341	/	Pass
		5580	RU242	/	1	21.488	/	Pass
		5700	RU242	/	1	21.203	/	Pass
		5720	RU242	/	1	21.442	/	Pass

2.2 Test Graph

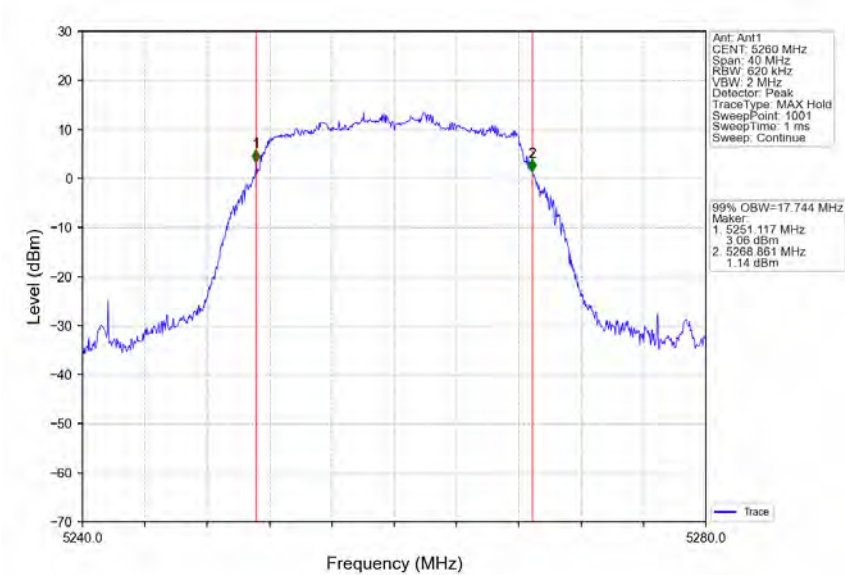
2.2.1 OBW



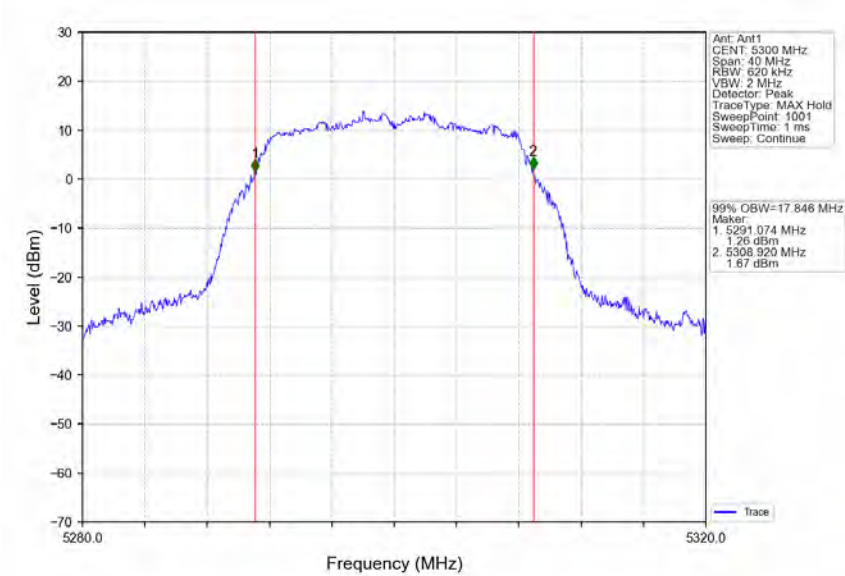
802.11a_HCH_5240MHz_Ant1_NTNV



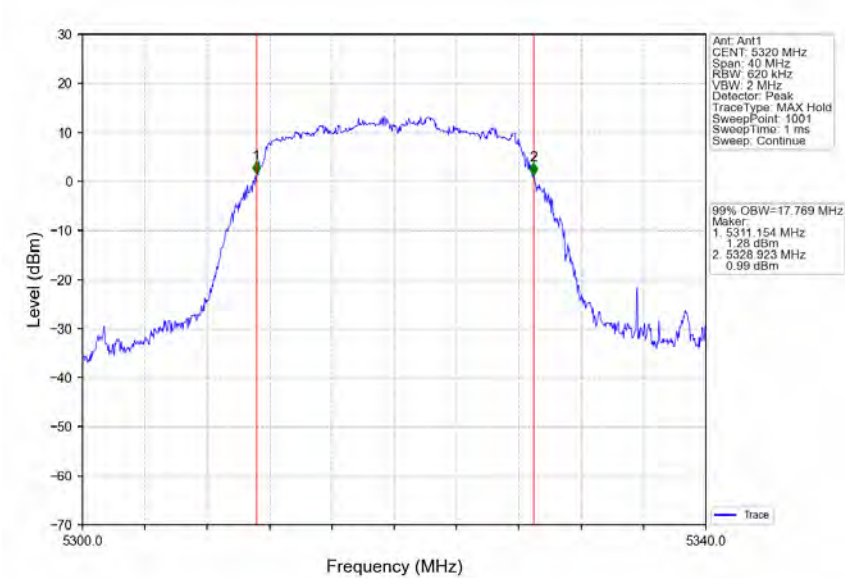
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



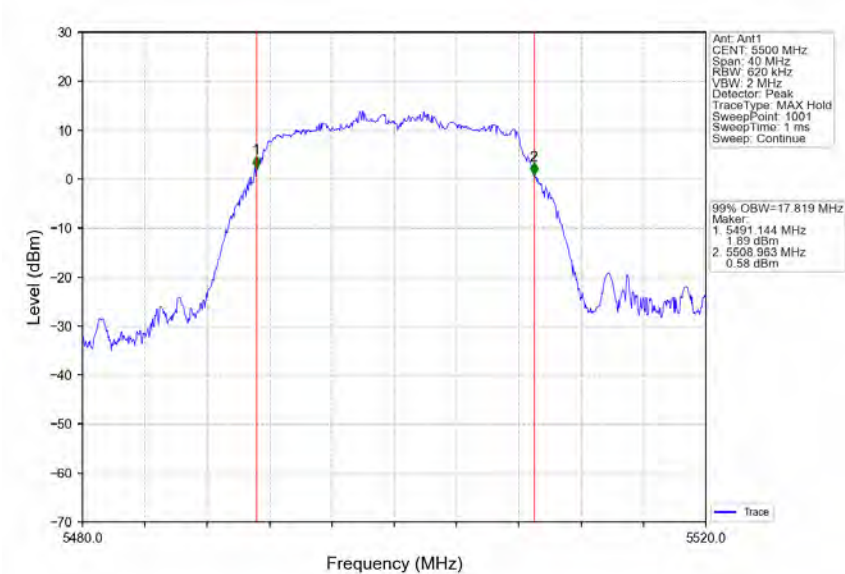
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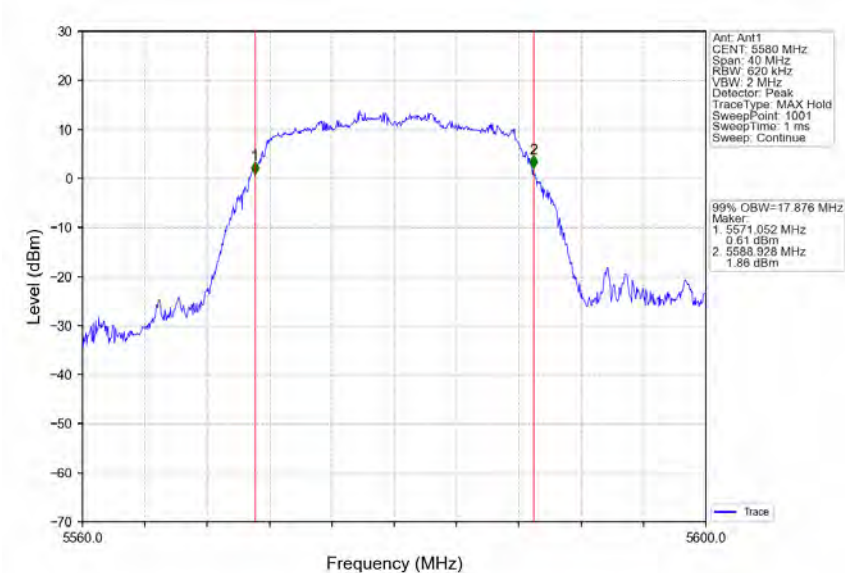
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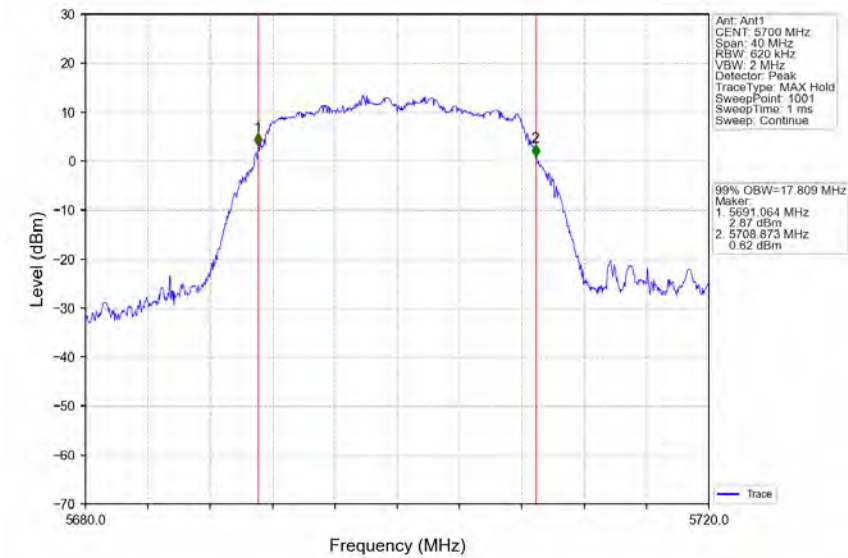
802.11a_LCH_5500MHz_Ant1_NTNV



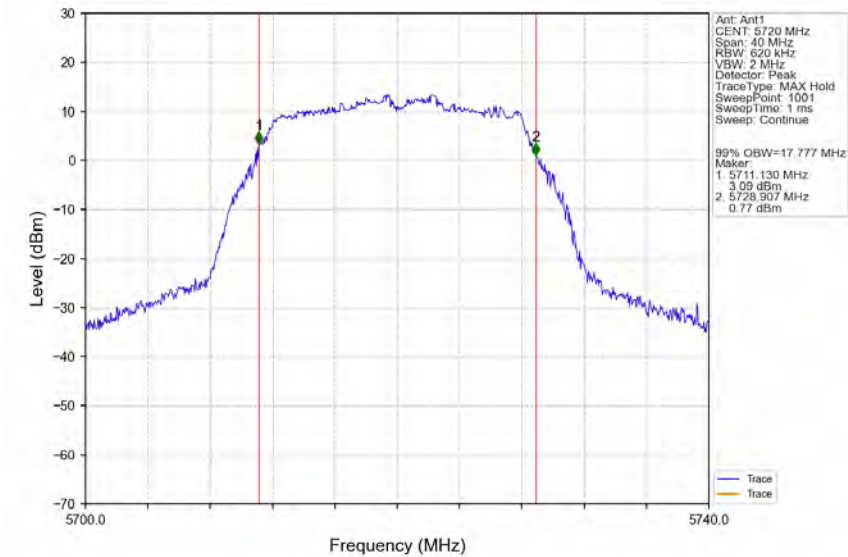
802.11a_MCH_5580MHz_Ant1_NTNV



802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_HCH_5720MHz_Ant1_NTNV



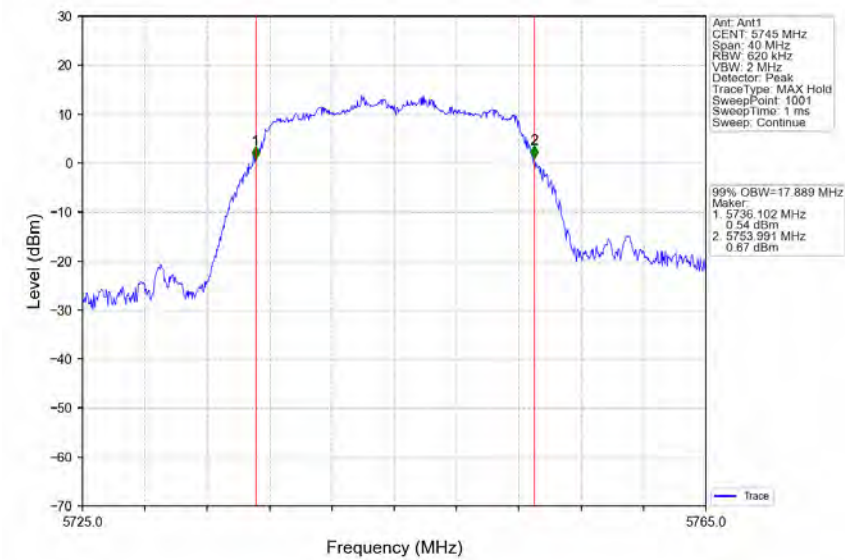
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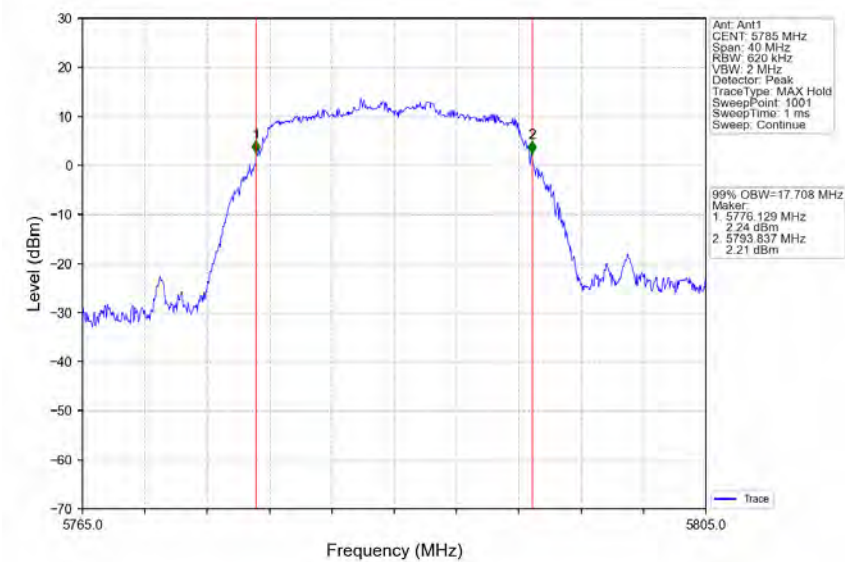
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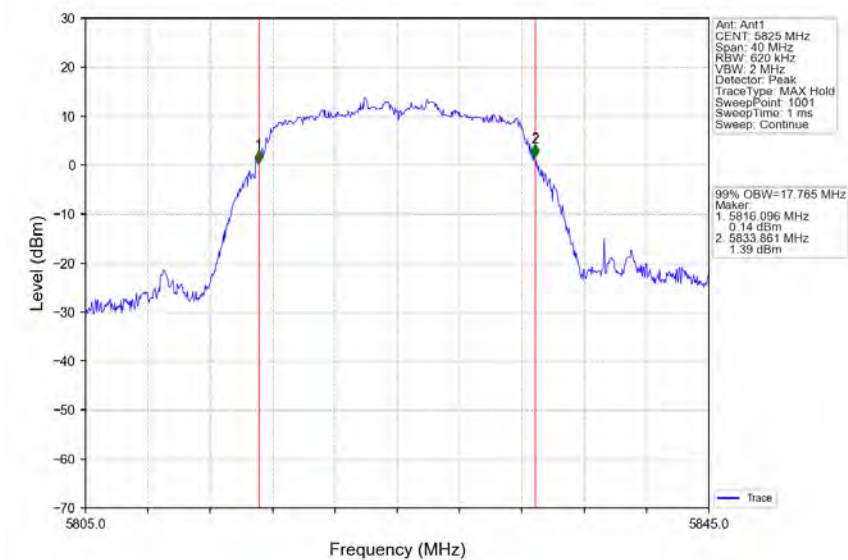
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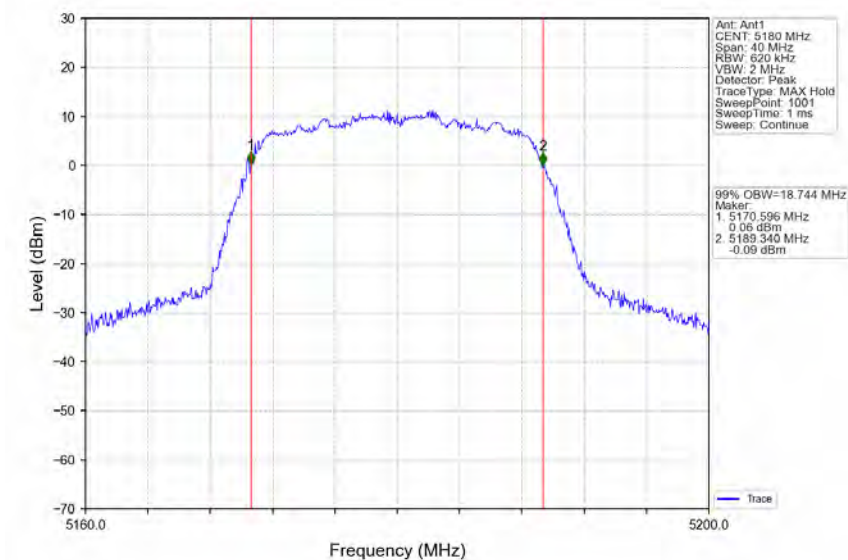
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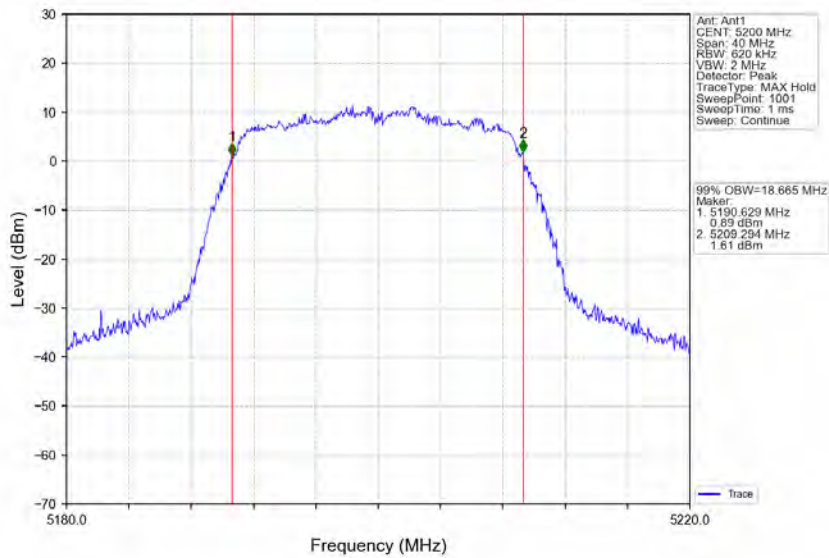
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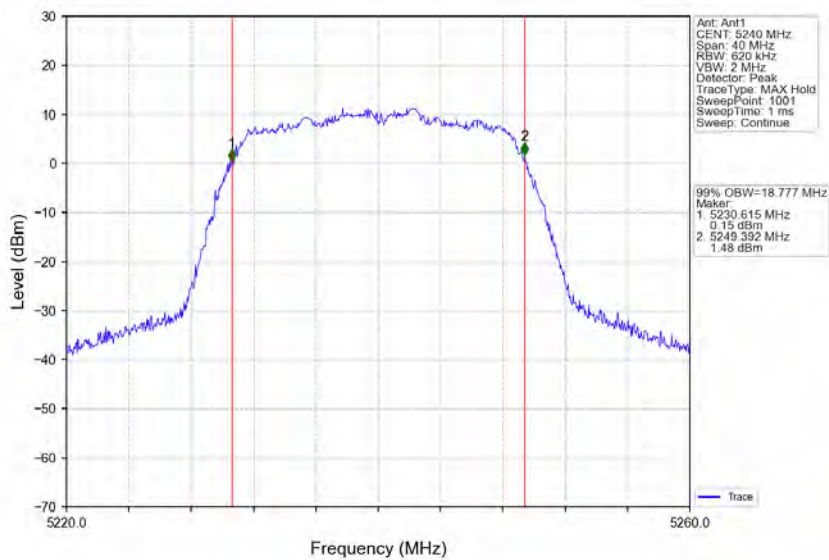
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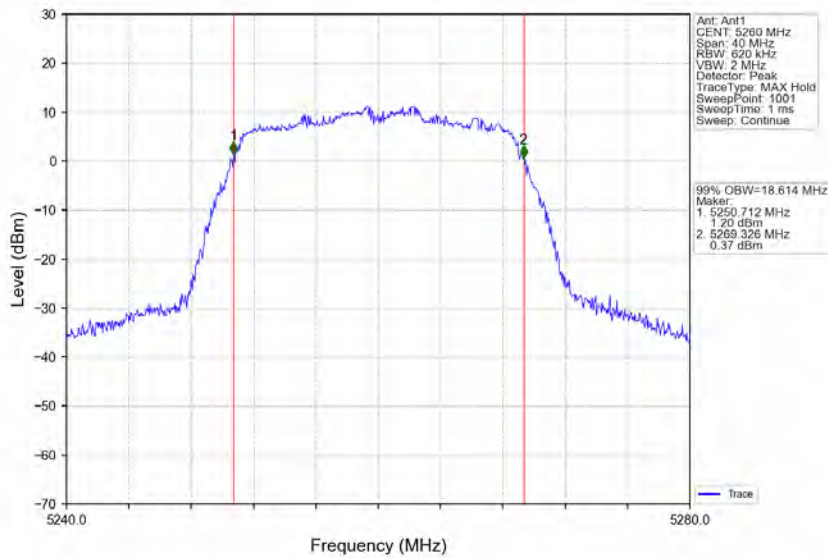
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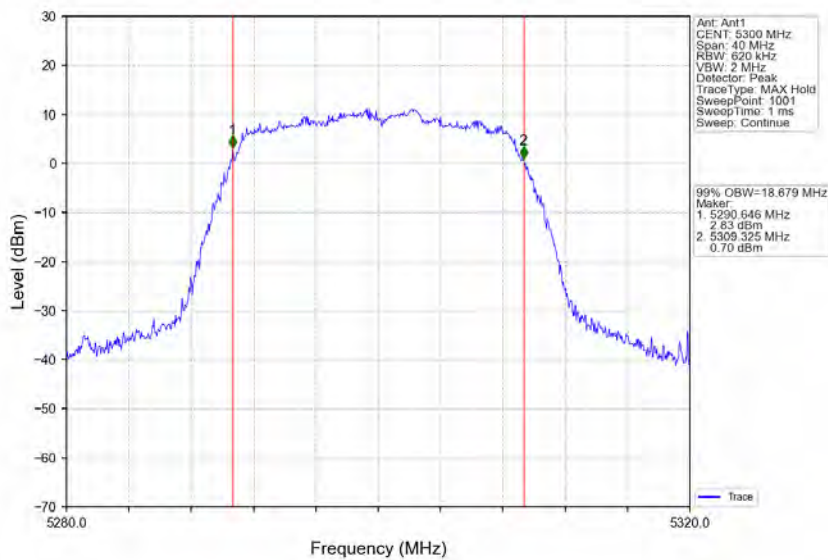
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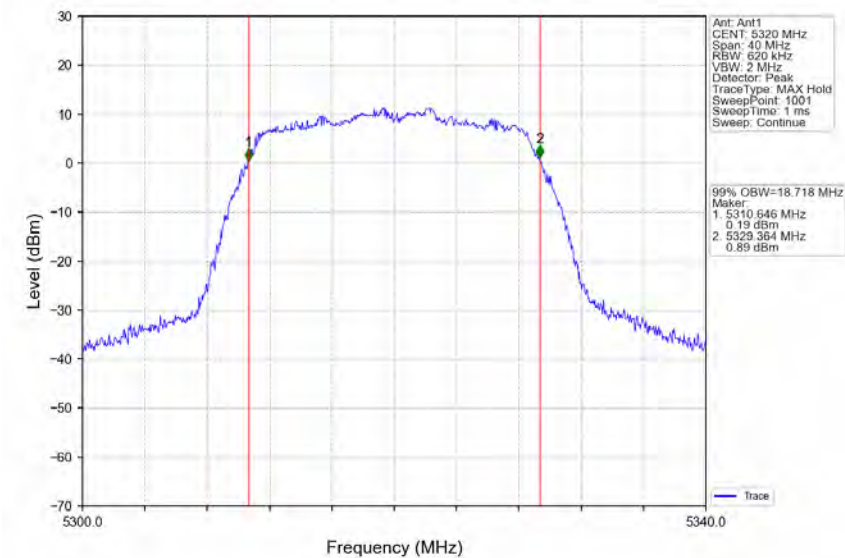
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



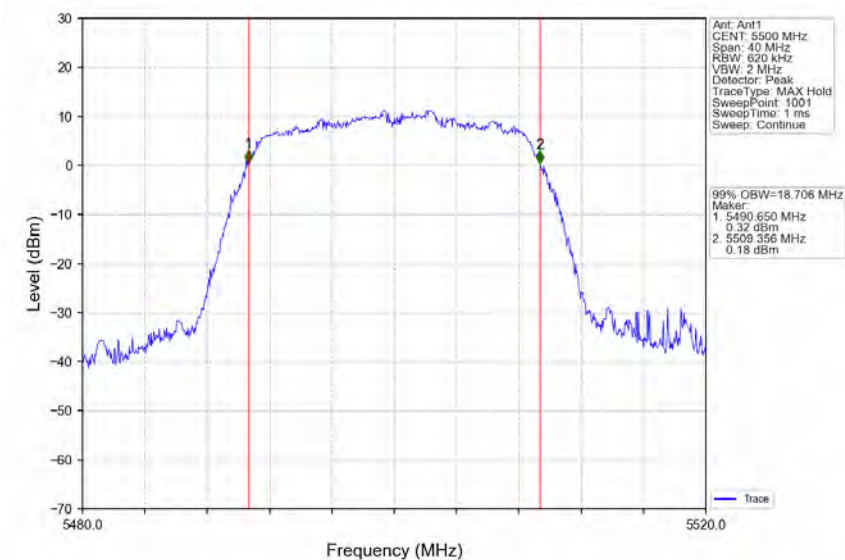
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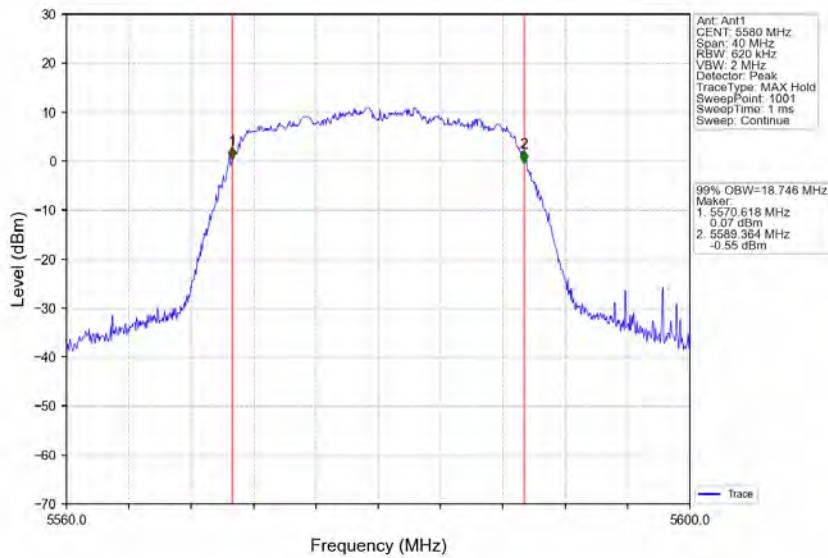
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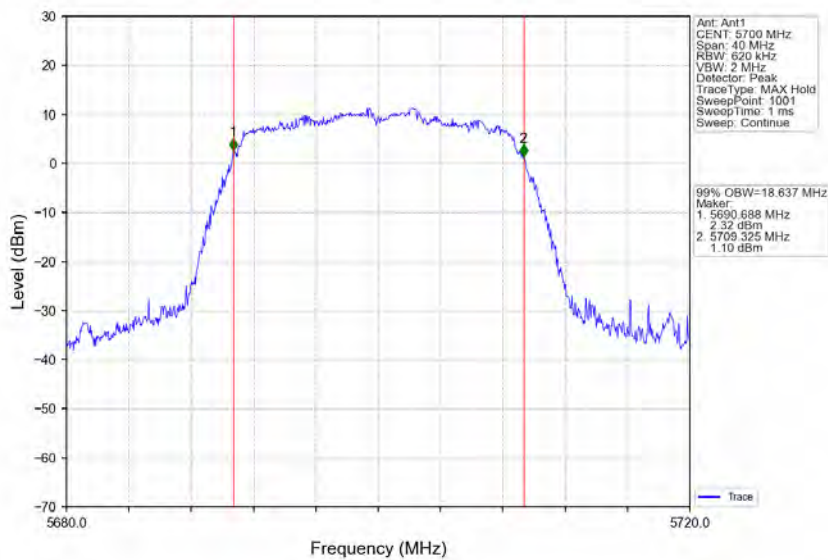
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



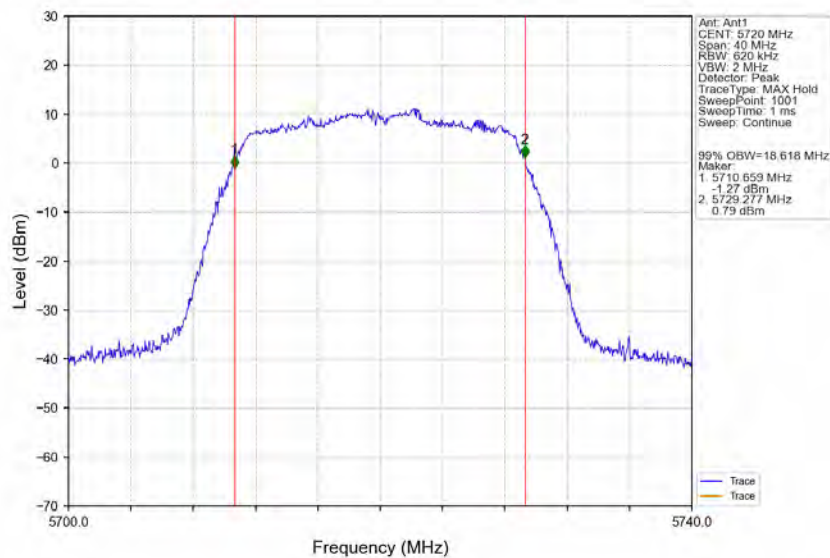
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



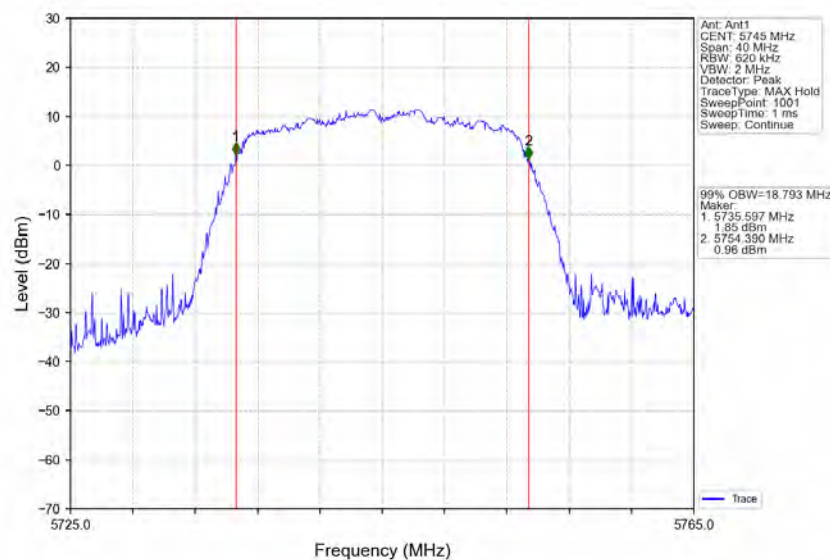
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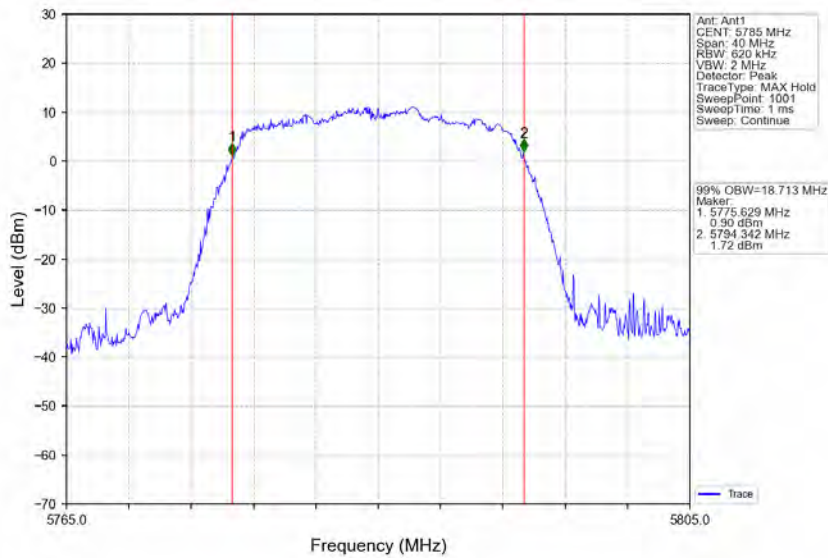
802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



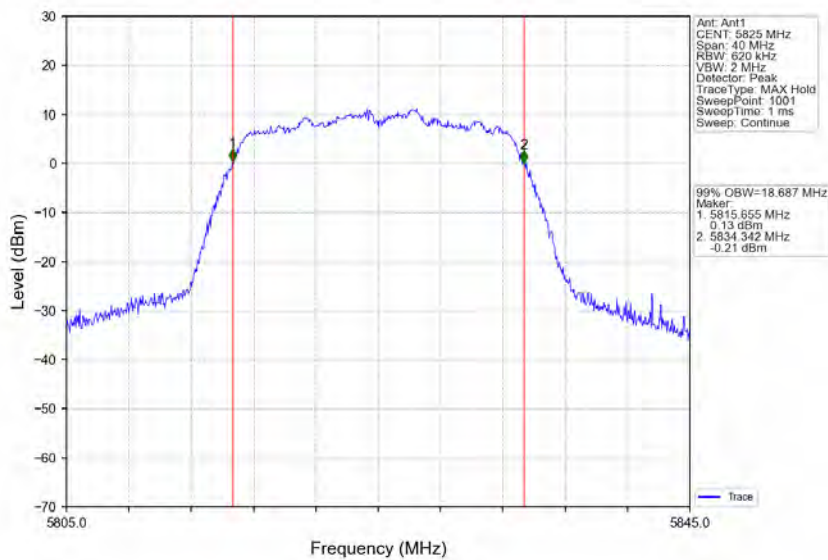
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



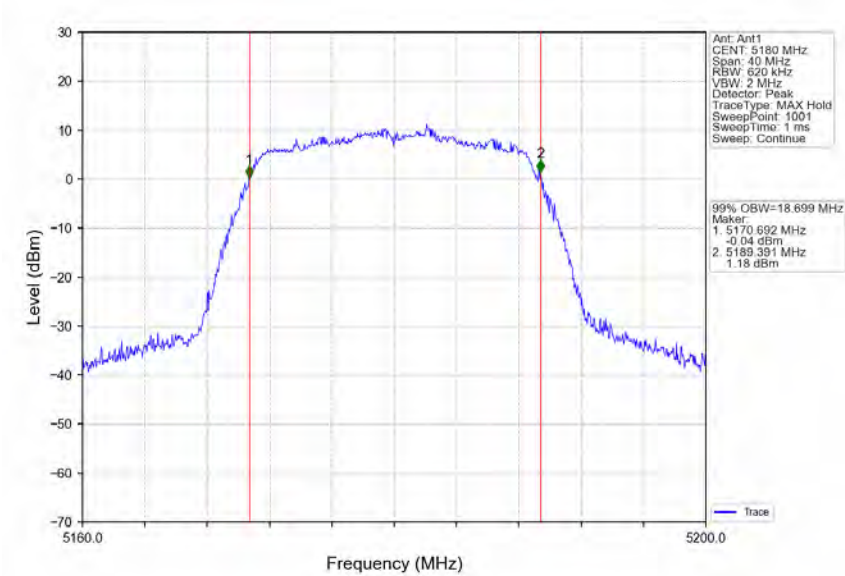
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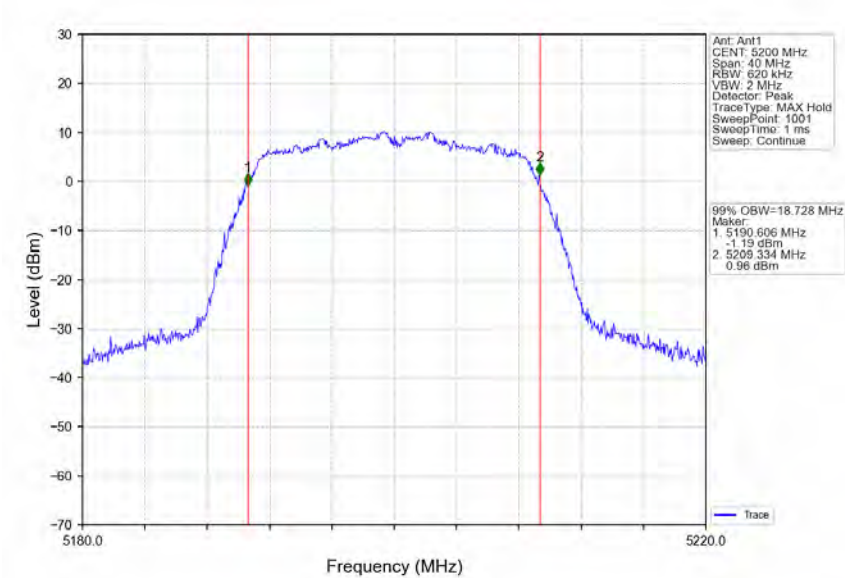
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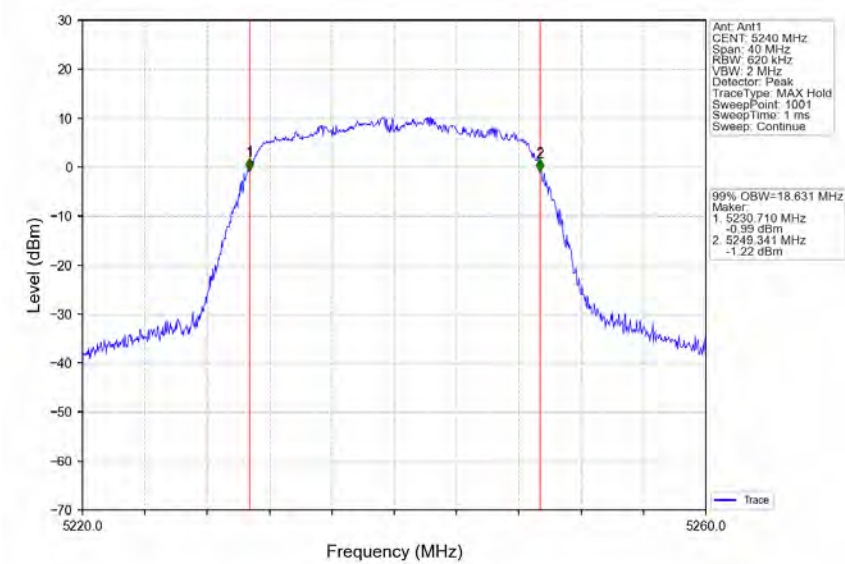
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



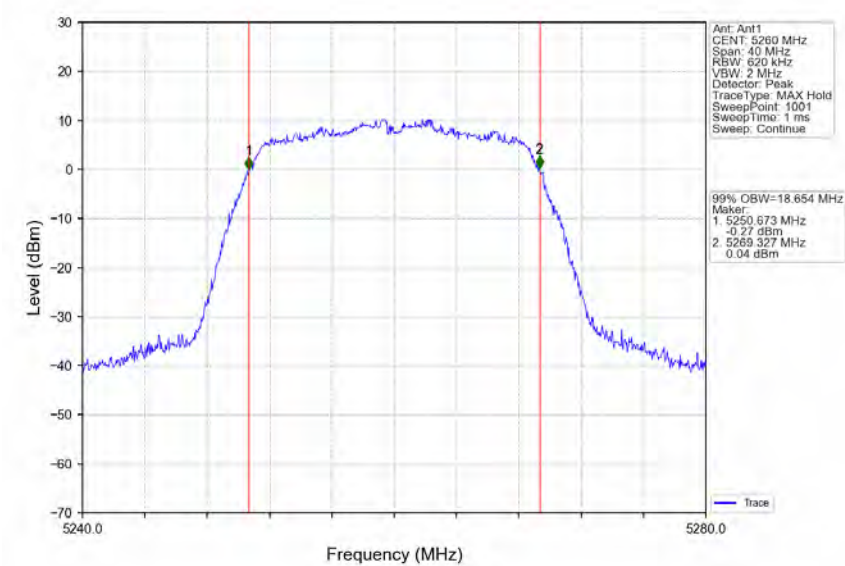
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



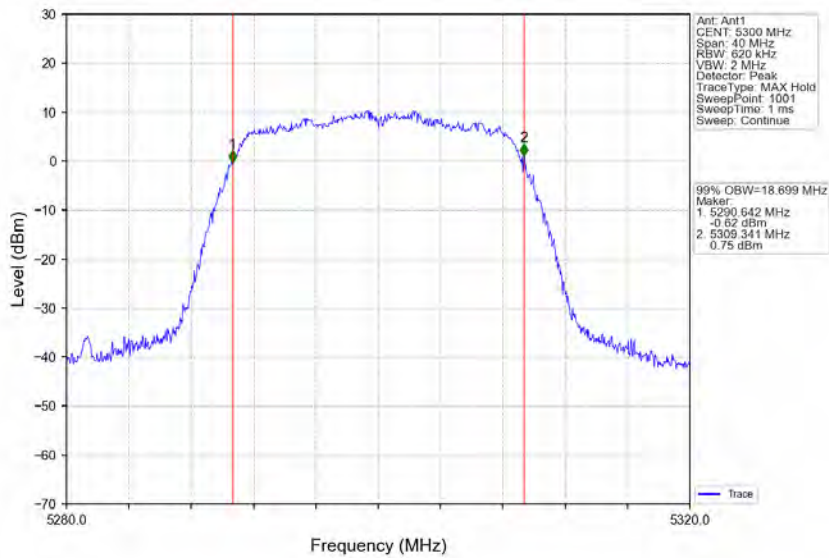
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



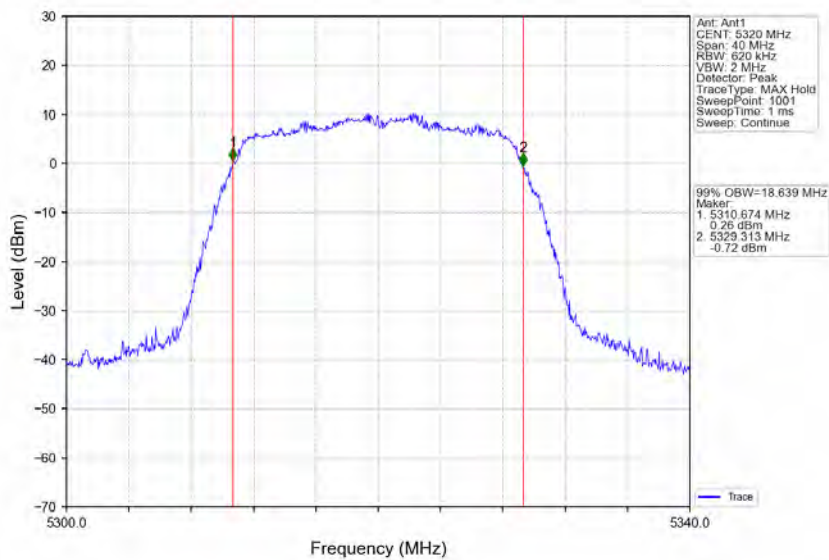
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



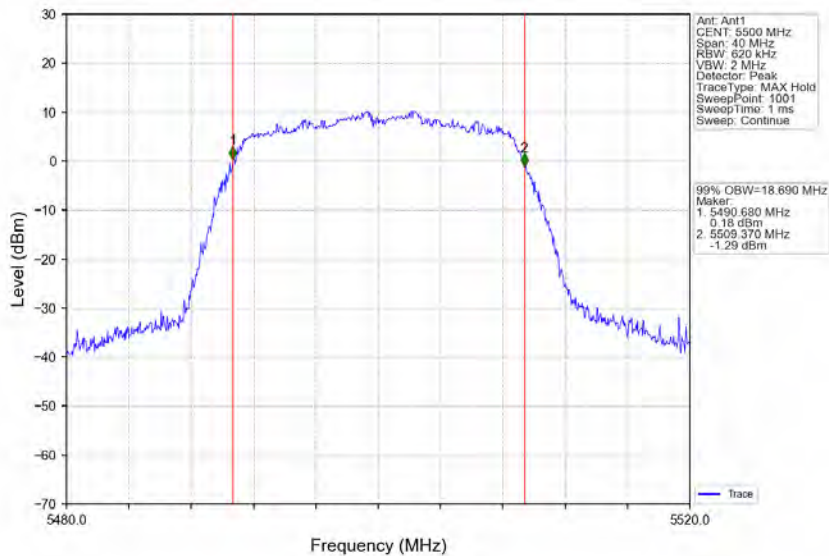
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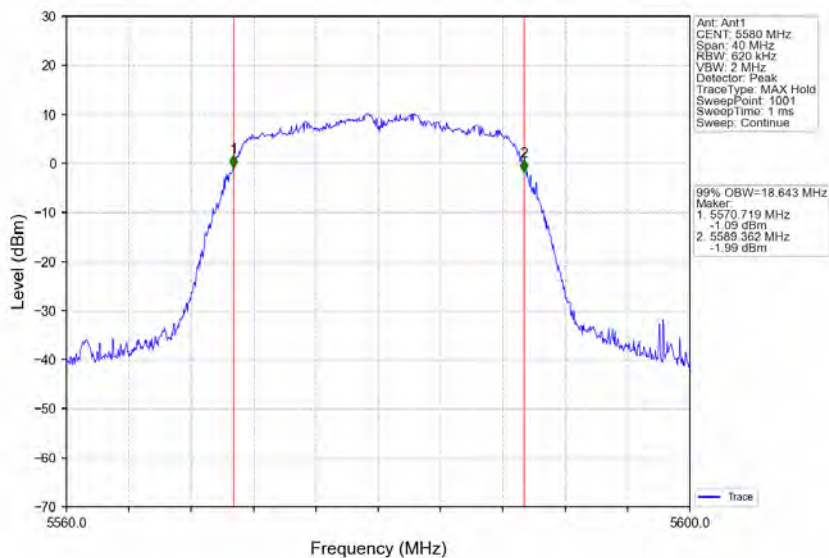
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



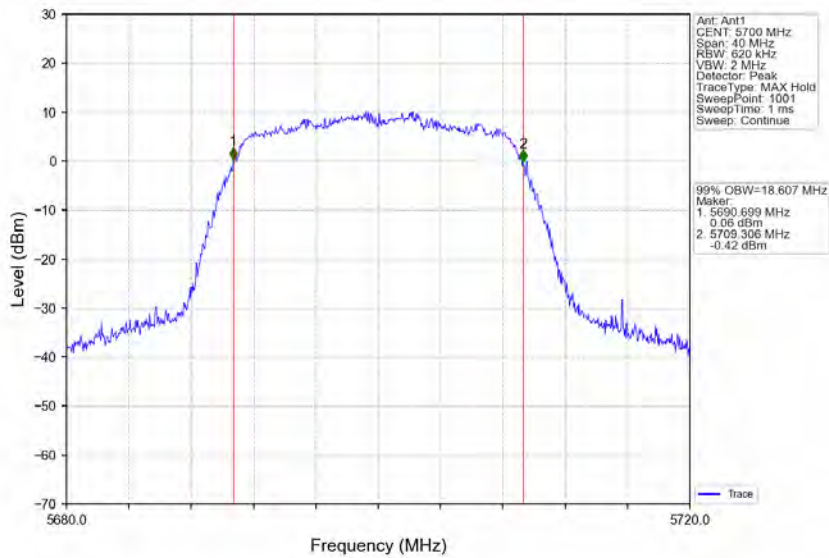
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



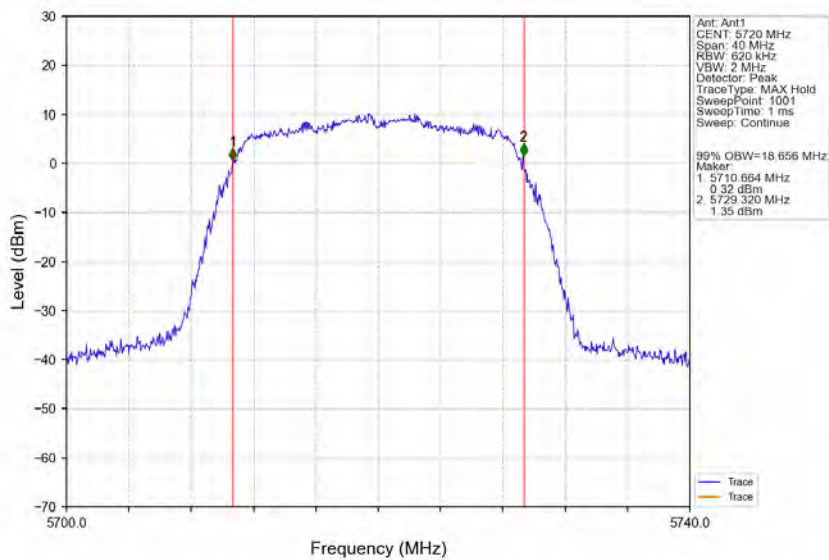
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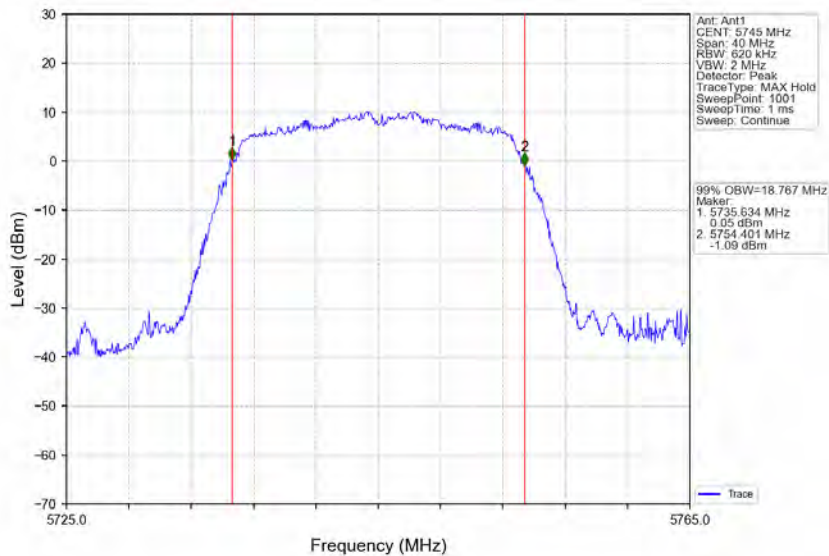
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



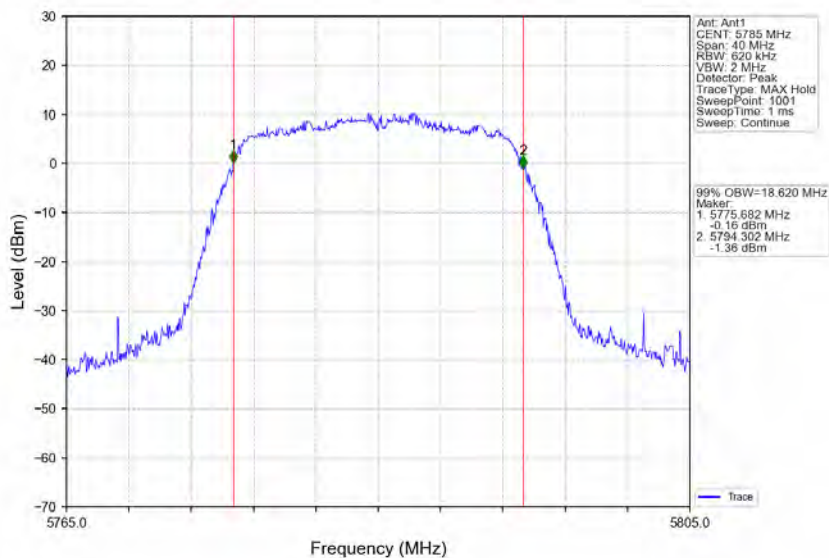
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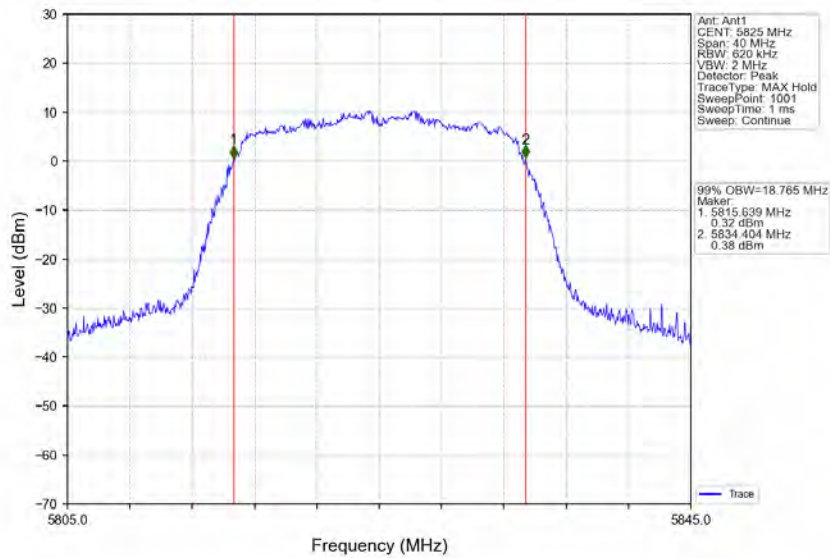
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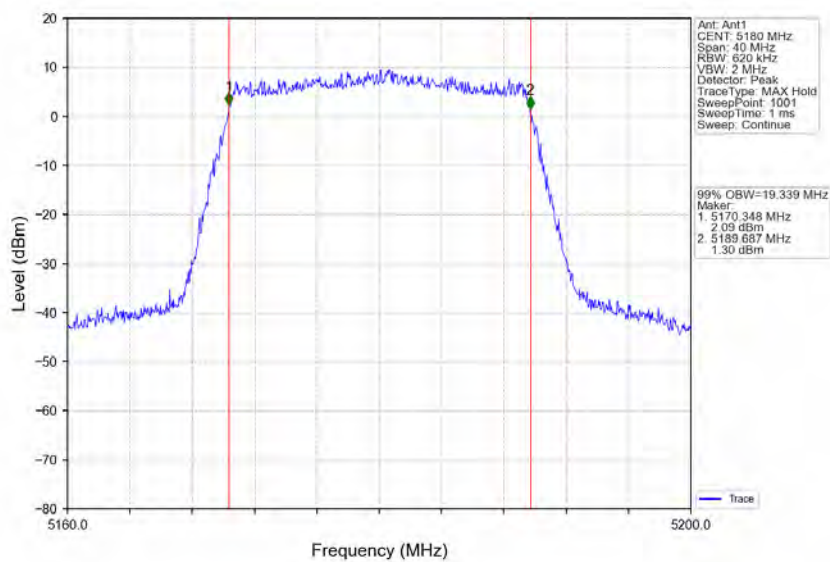
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ax(HE20)_LCH_5180MHz_RU242_Ant1_NTNV

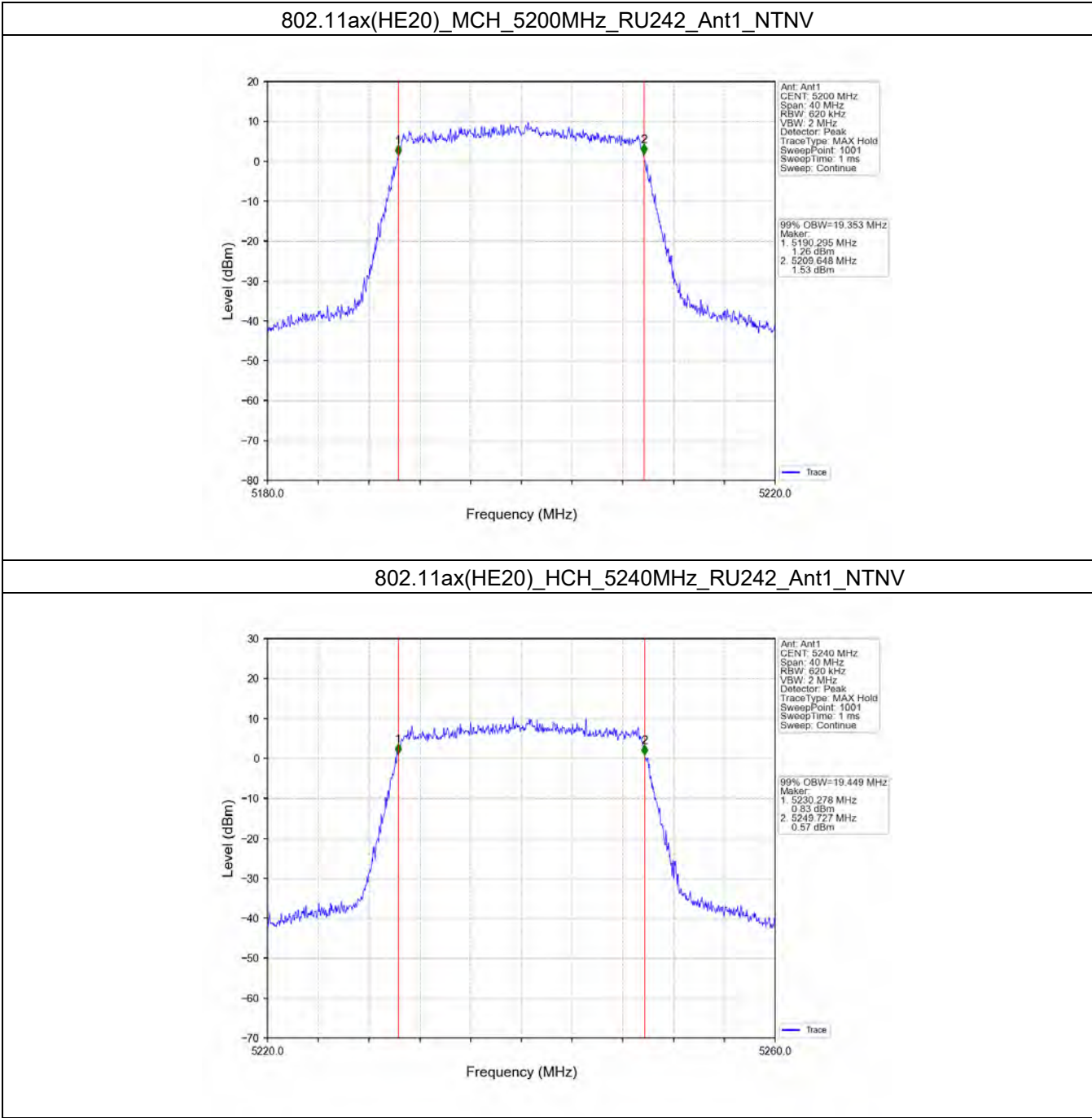


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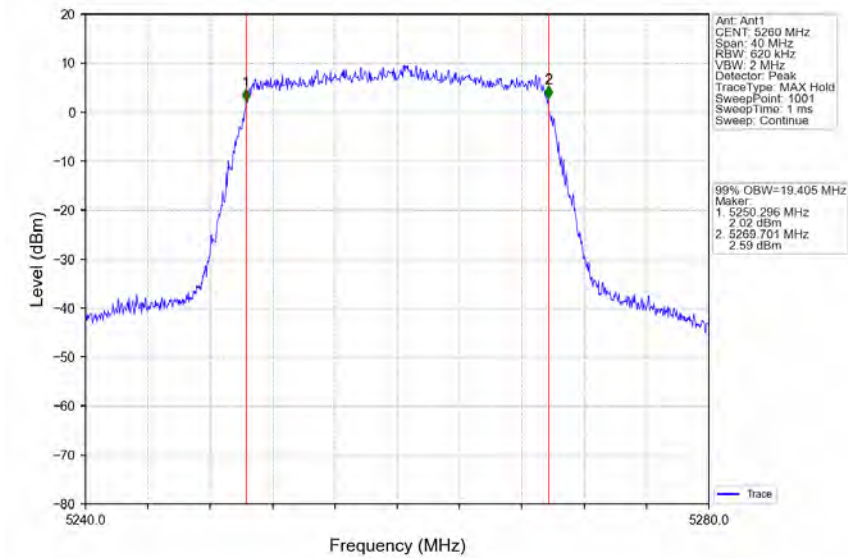
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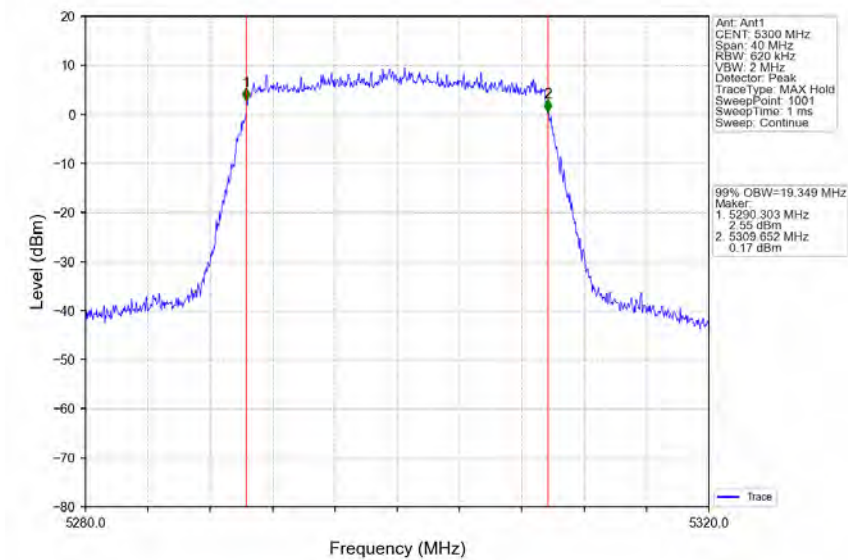
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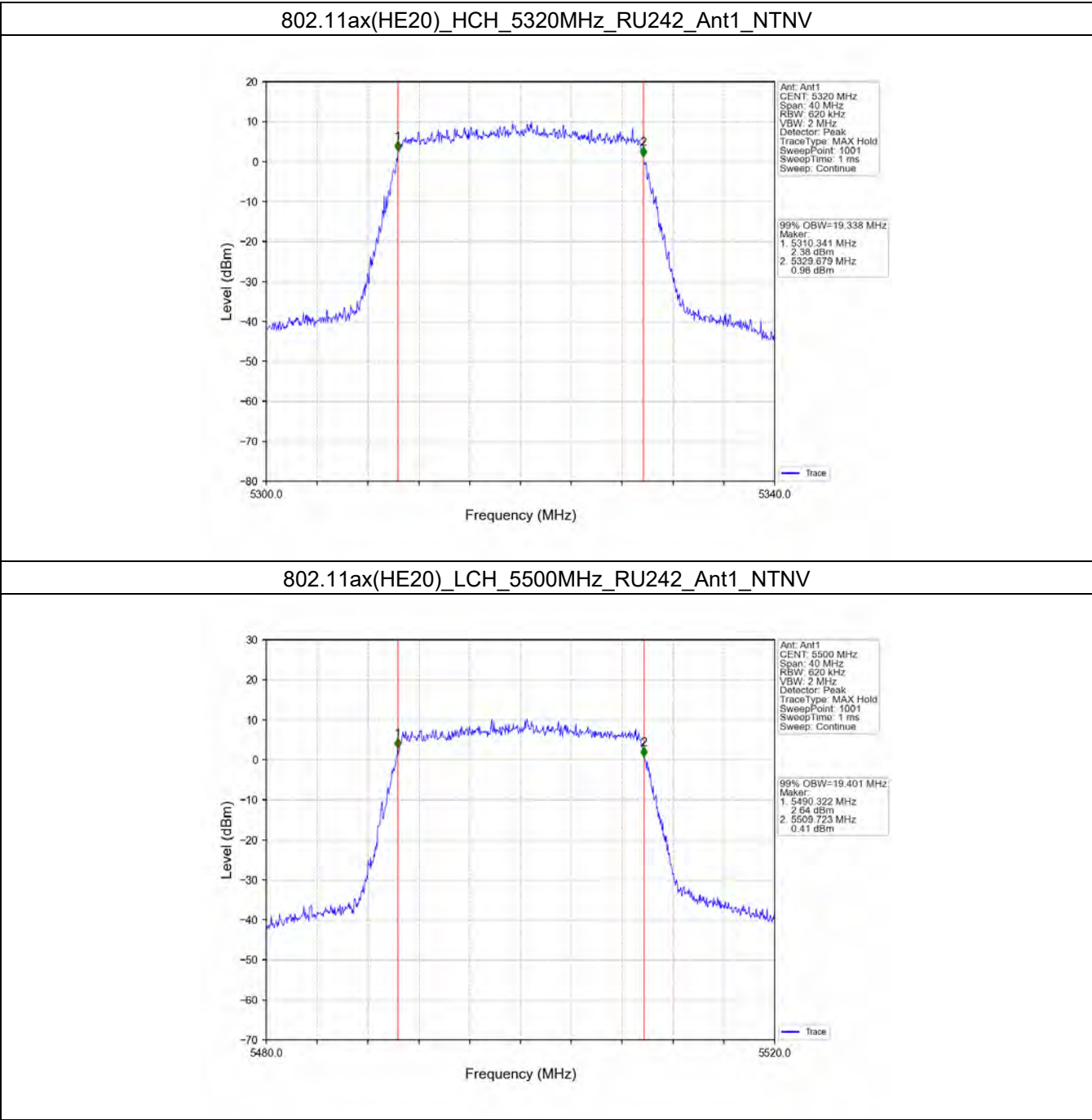
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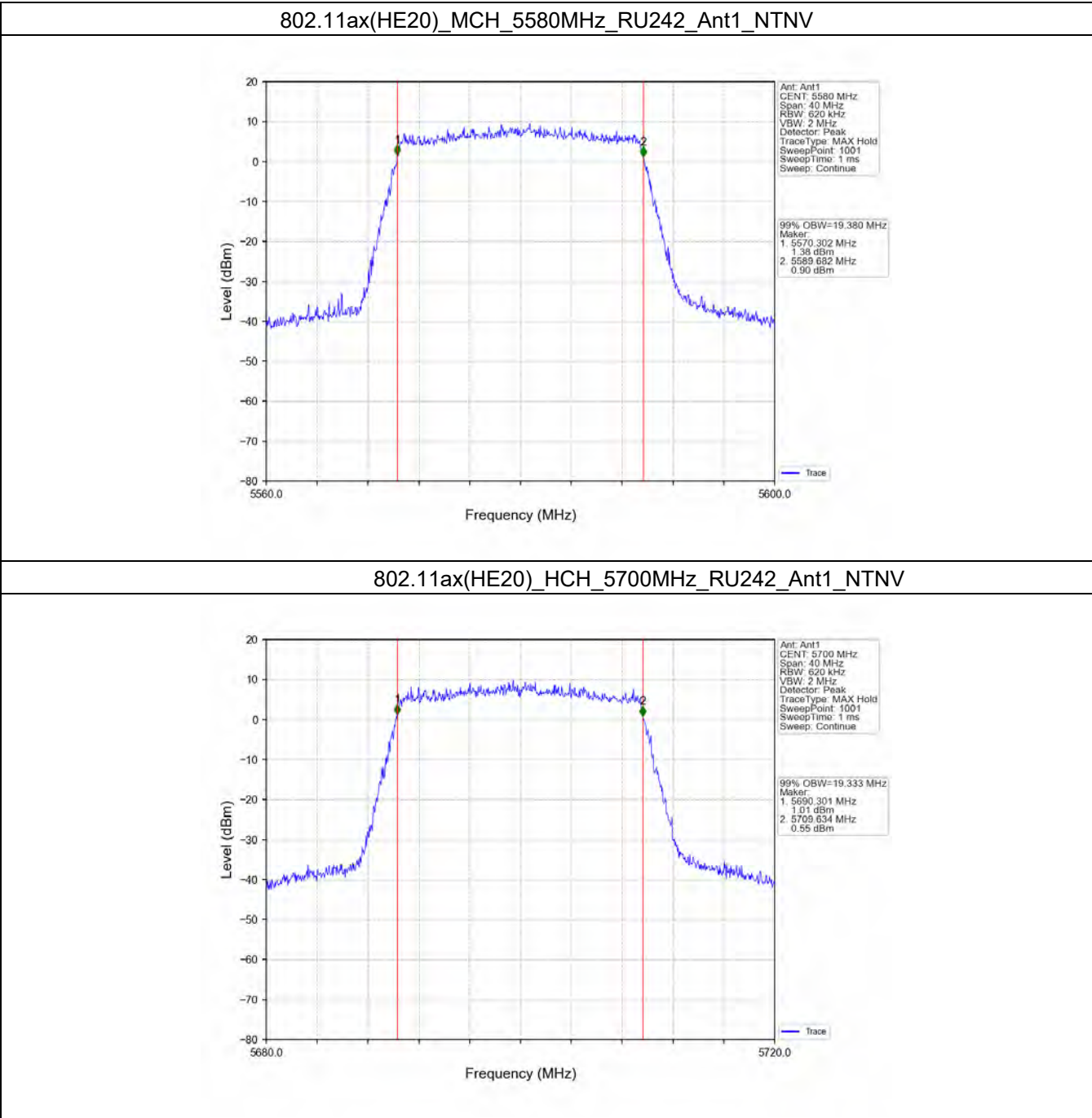
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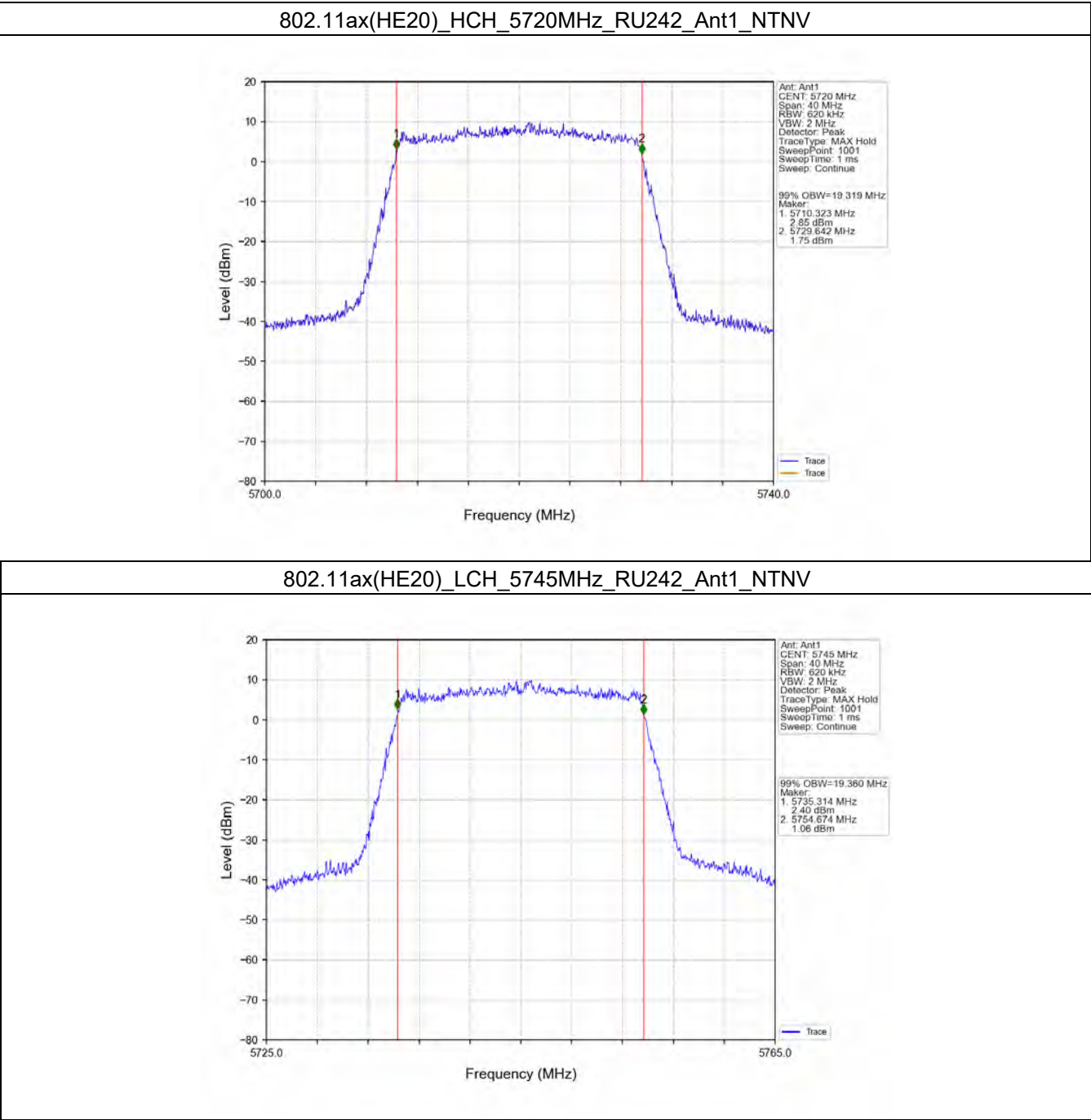


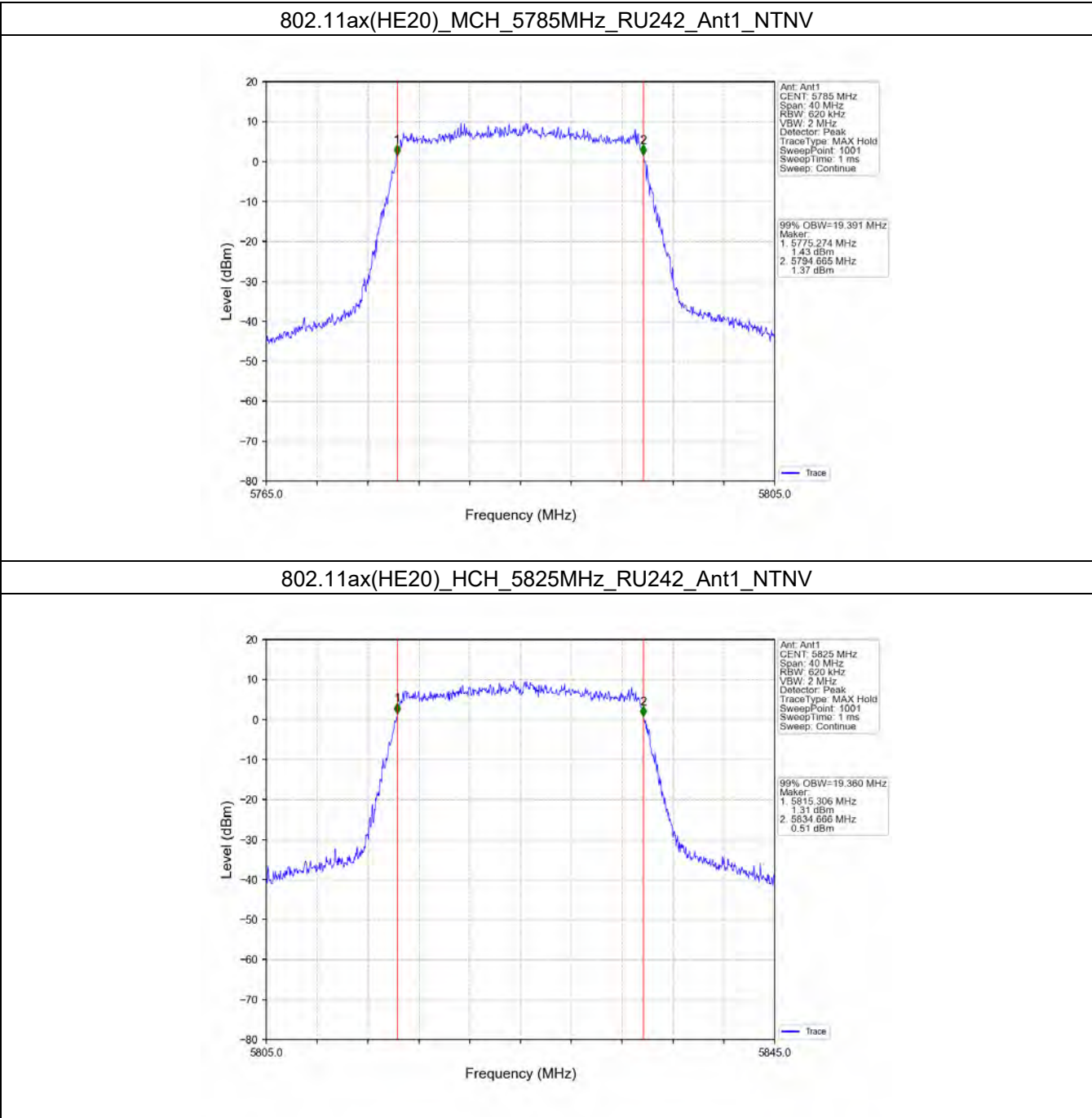
802.11ax(HE20)_MCH_5300MHz_RU242_Ant1_NTNV



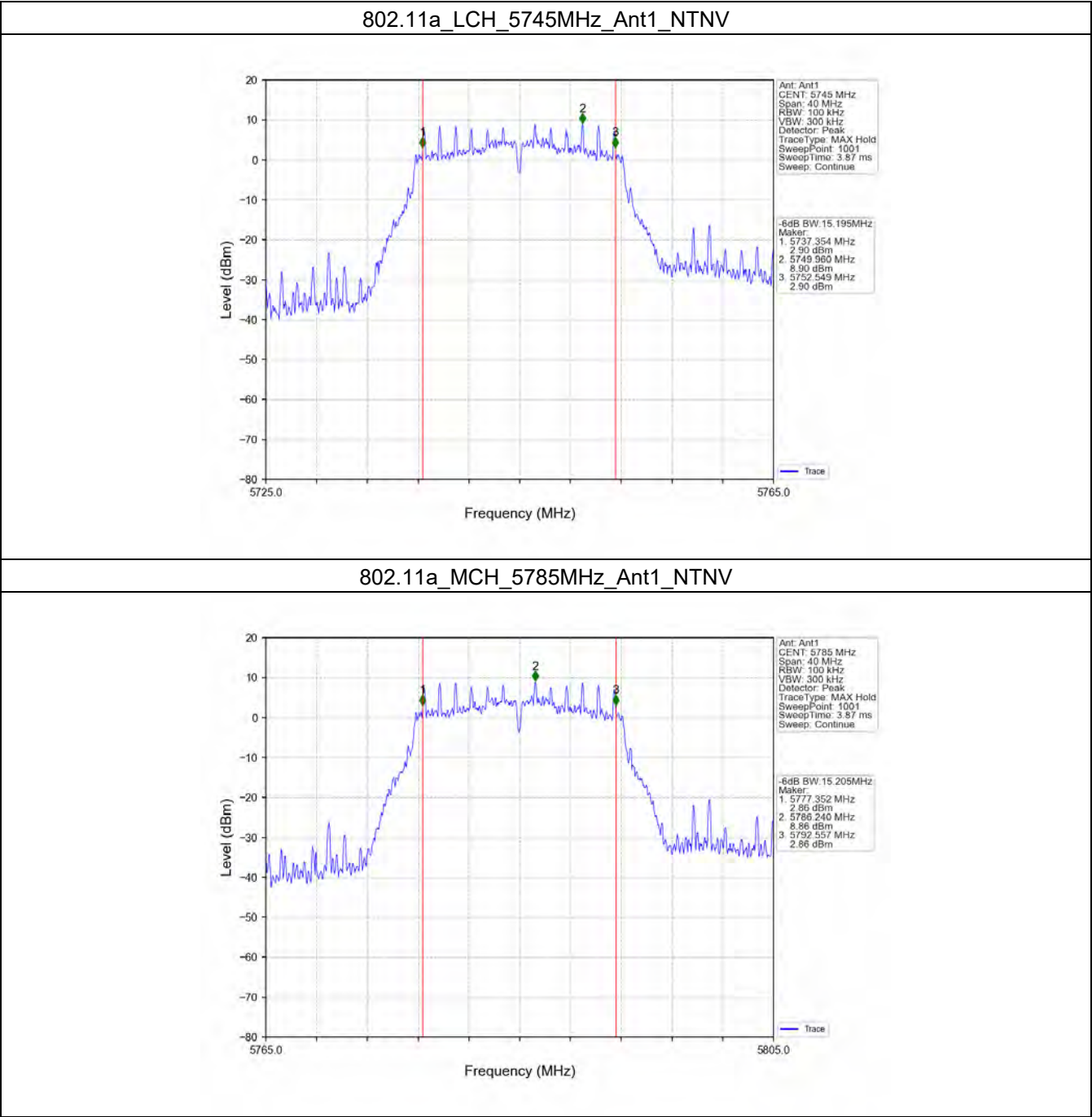




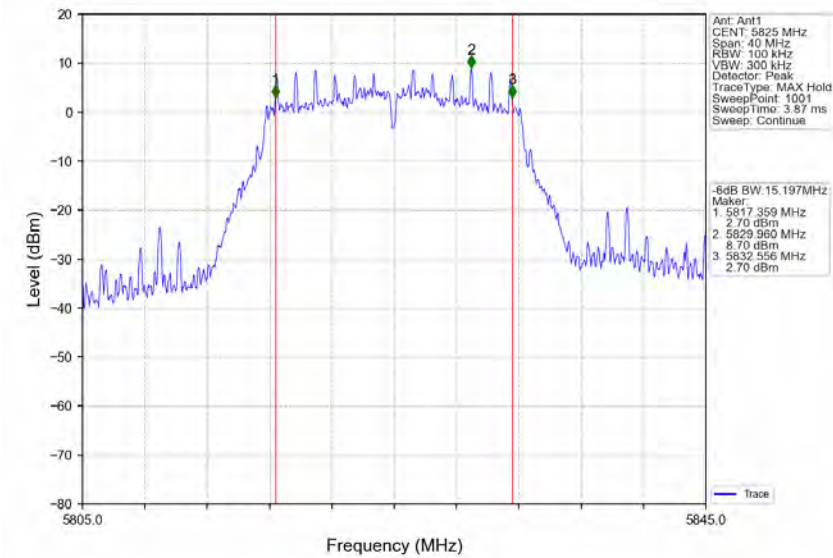




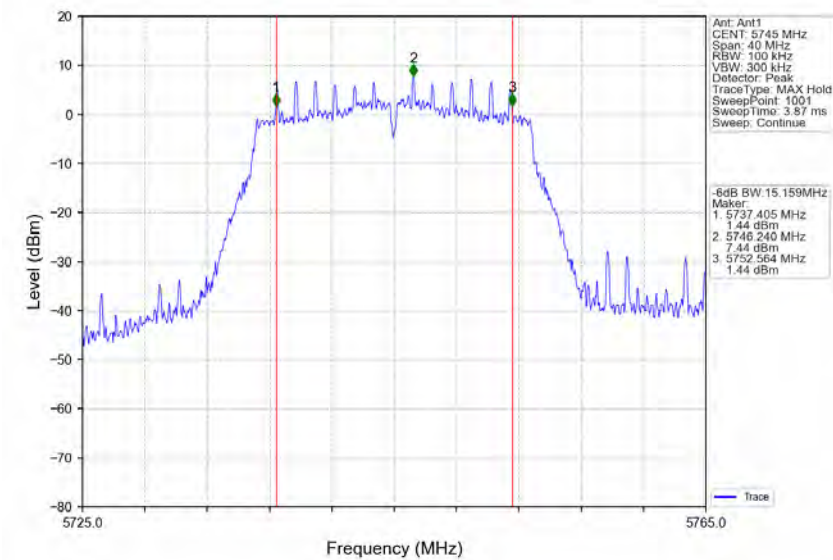
2.2.2 6dB BW



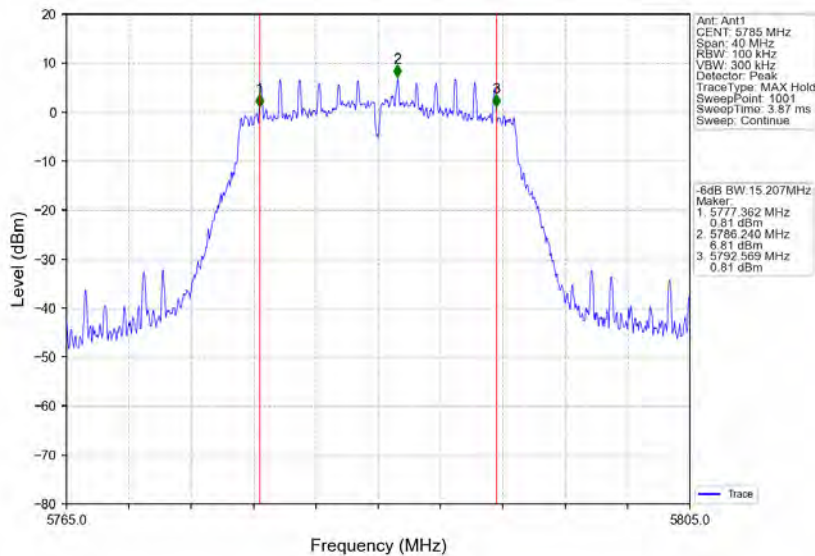
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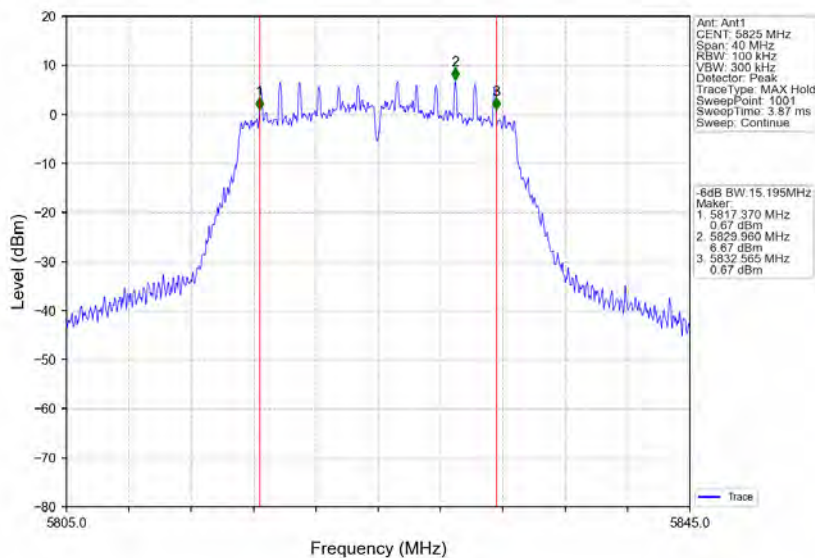
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



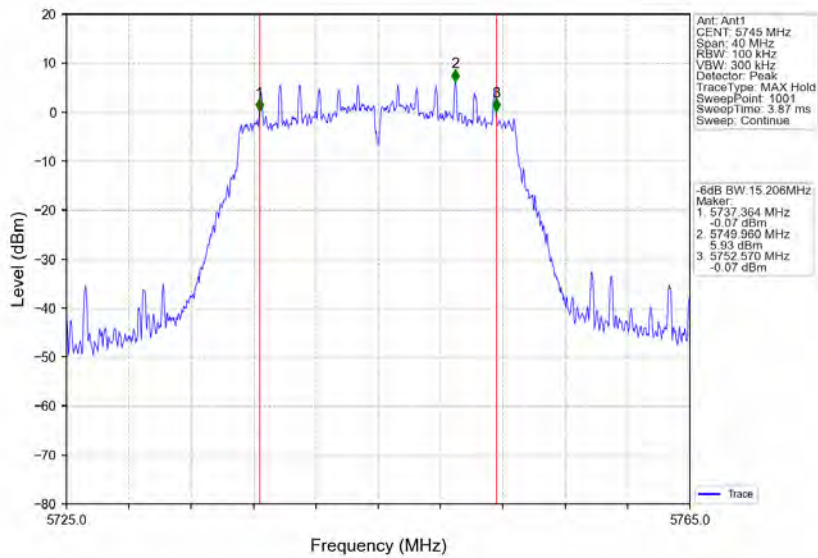
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



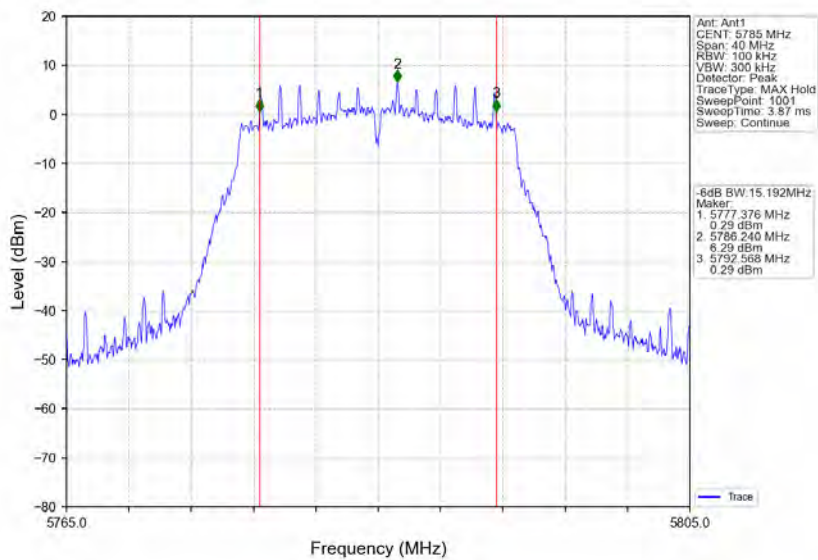
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



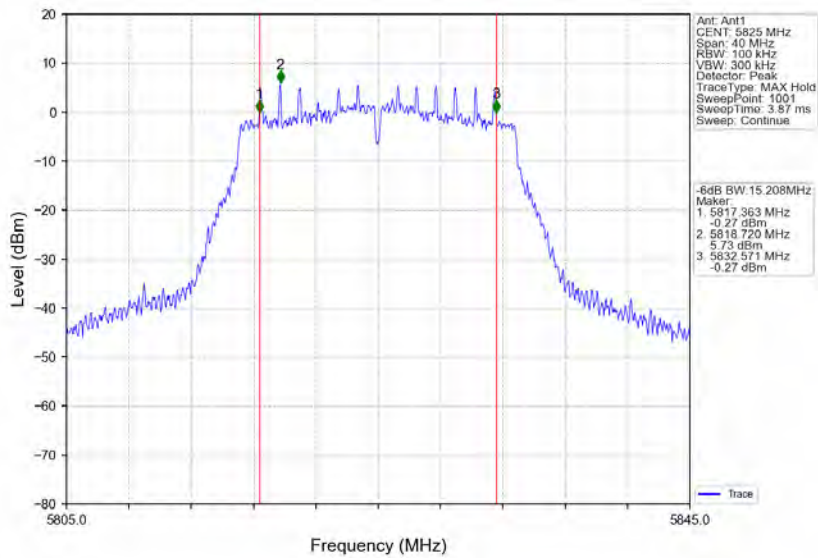
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



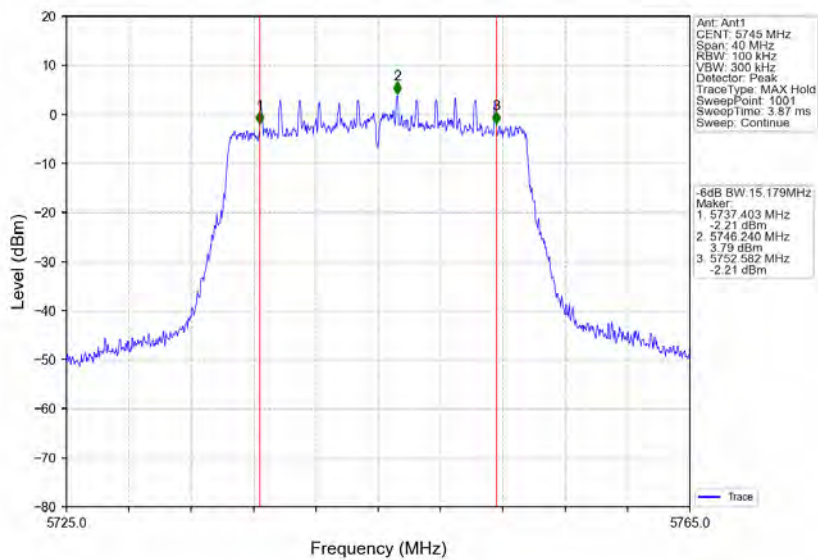
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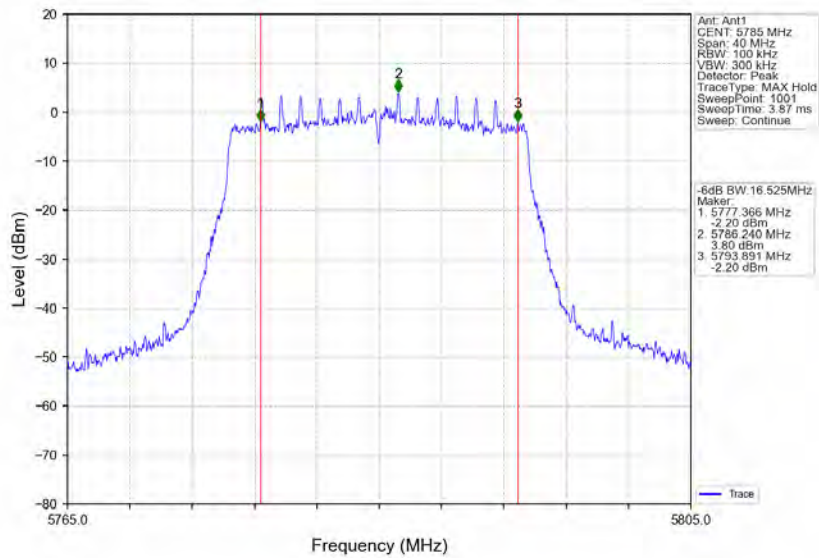
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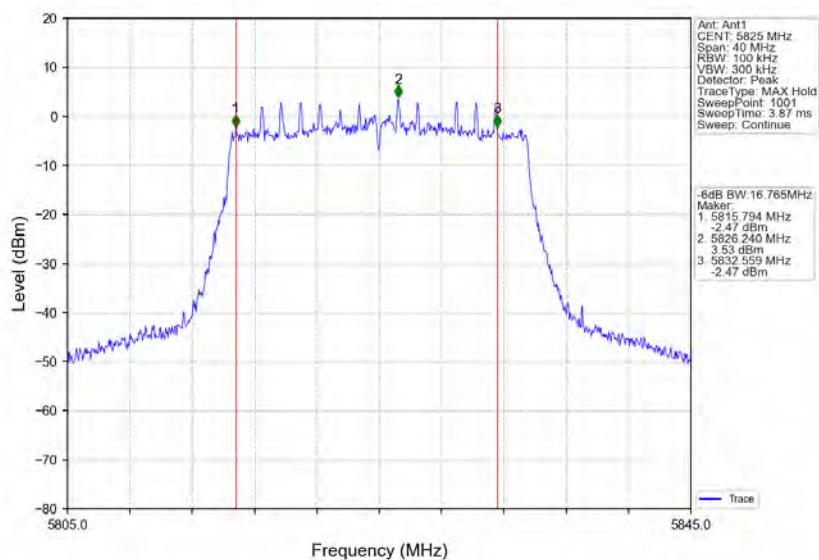
802.11ax(HE20)_LCH_5745MHz_RU242_Ant1_NTNV



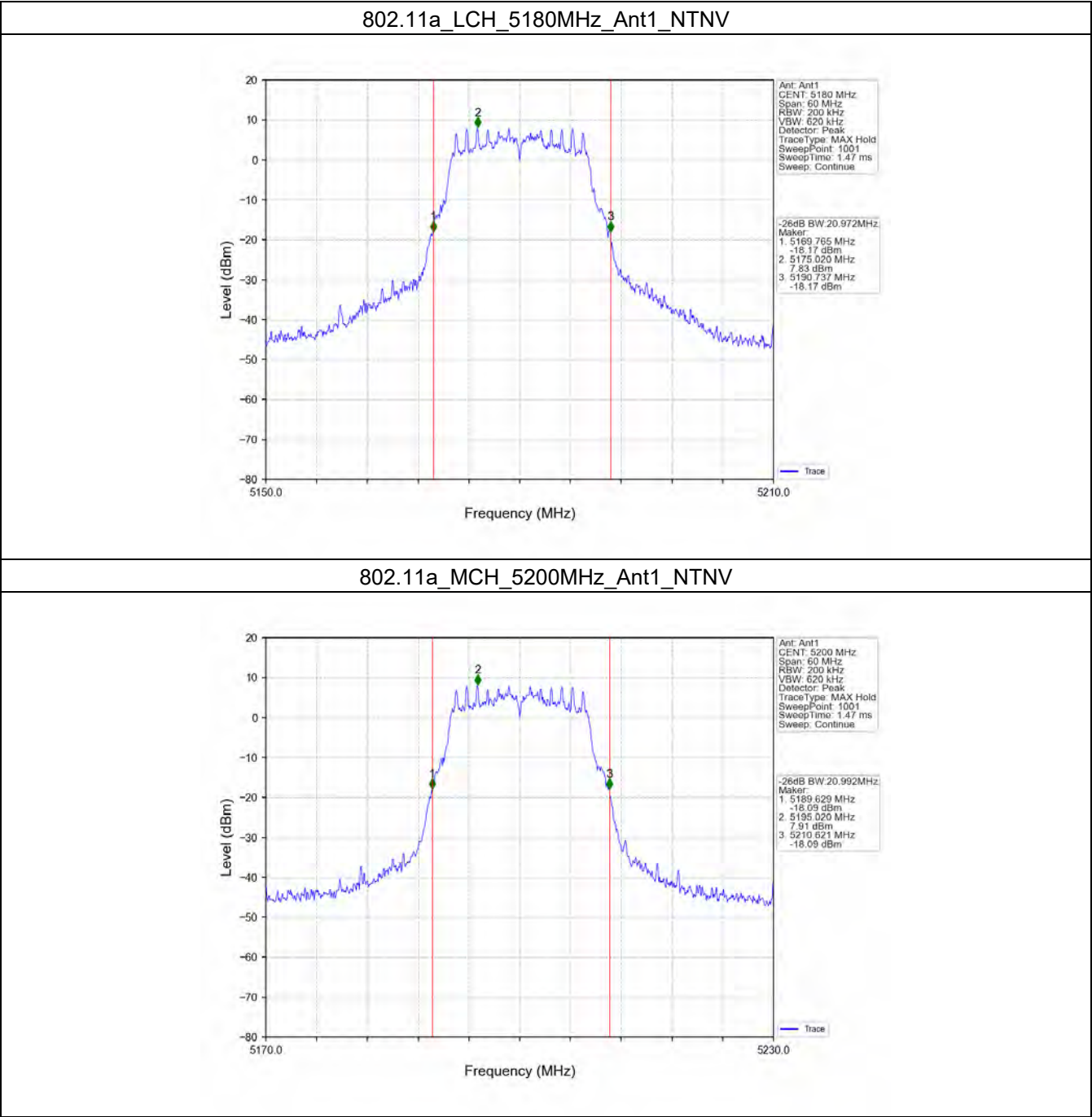
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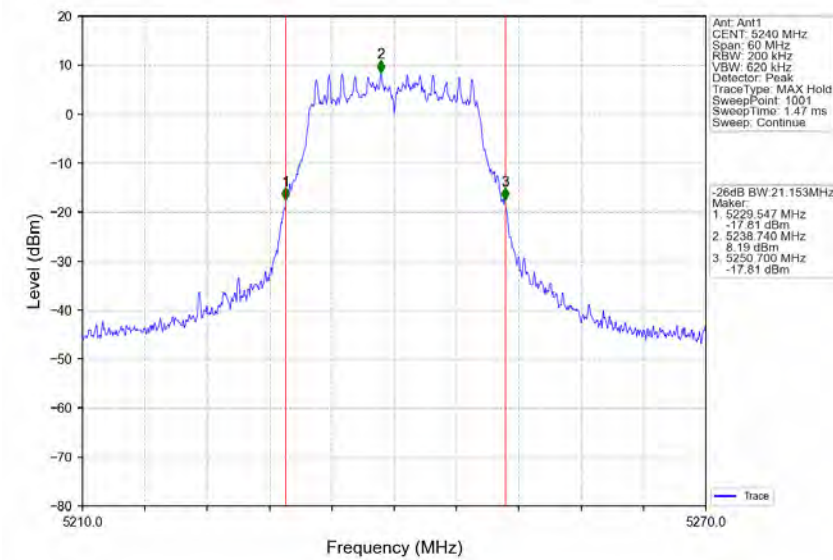
802.11ax(HE20)_HCH_5825MHz_RU242_Ant1_NTNV



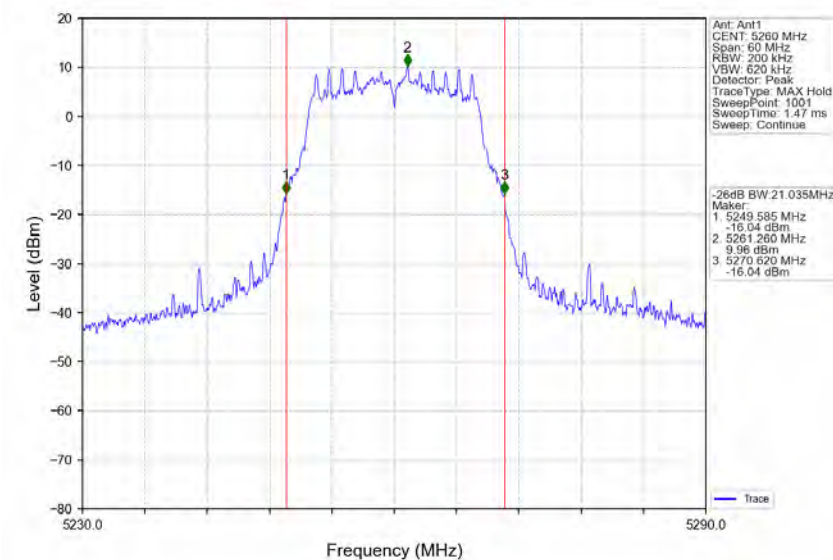
2.2.3 26dB BW



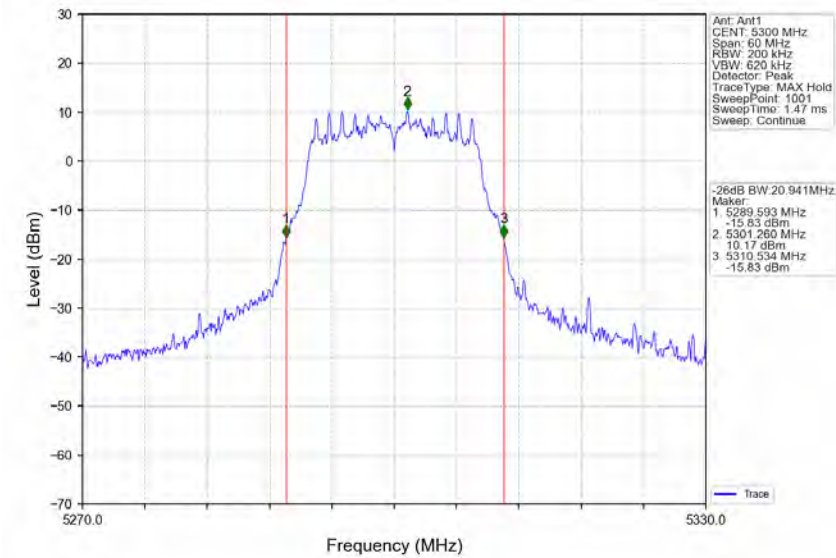
802.11a_HCH_5240MHz_Ant1_NTNV



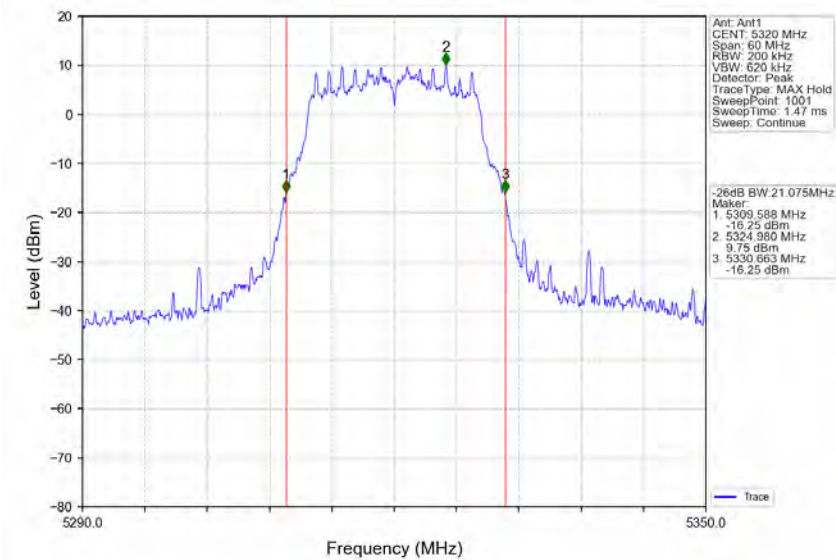
802.11a_LCH_5260MHz_Ant1_NTNV



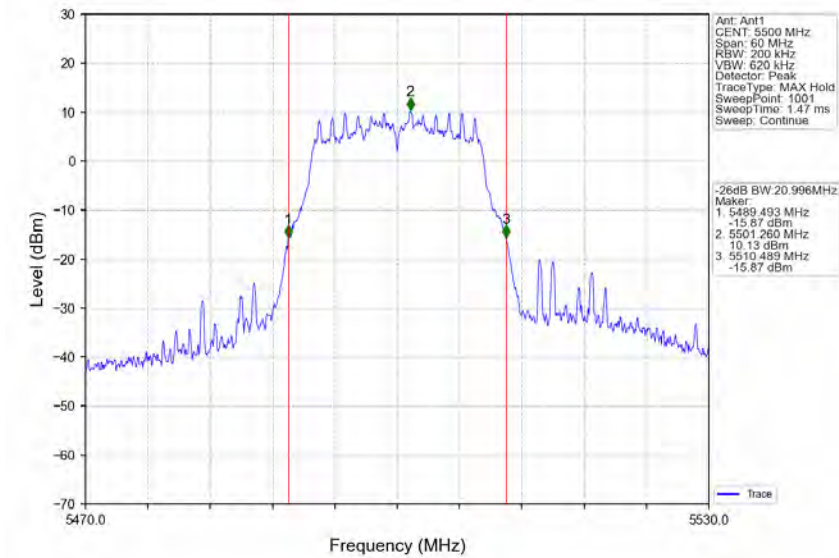
802.11a_MCH_5300MHz_Ant1_NTNV



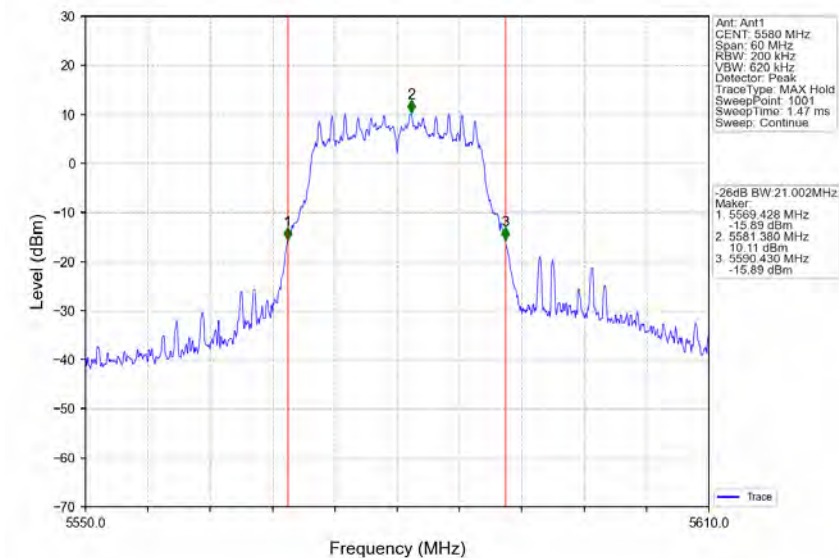
802.11a_HCH_5320MHz_Ant1_NTNV



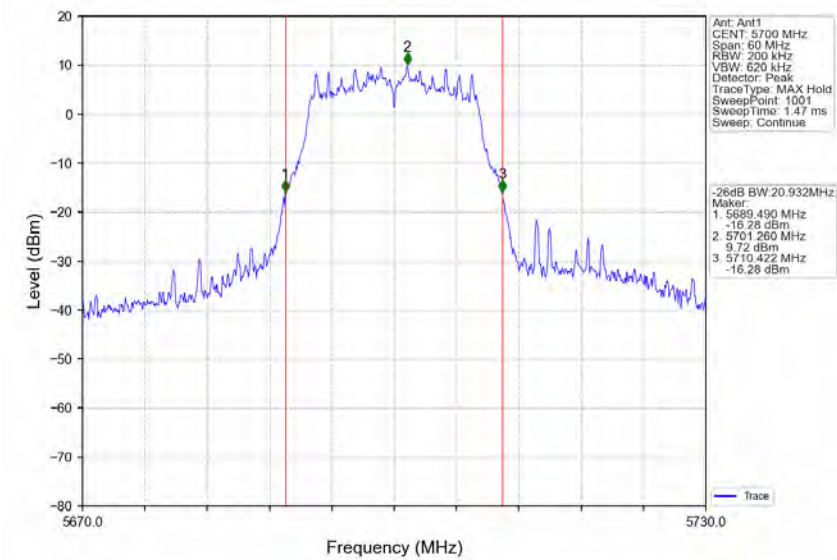
802.11a_LCH_5500MHz_Ant1_NTNV



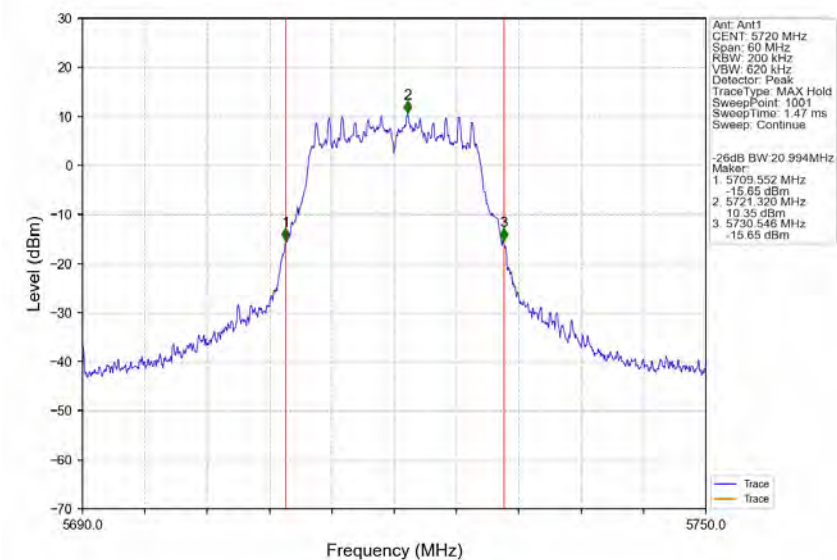
802.11a_MCH_5580MHz_Ant1_NTNV



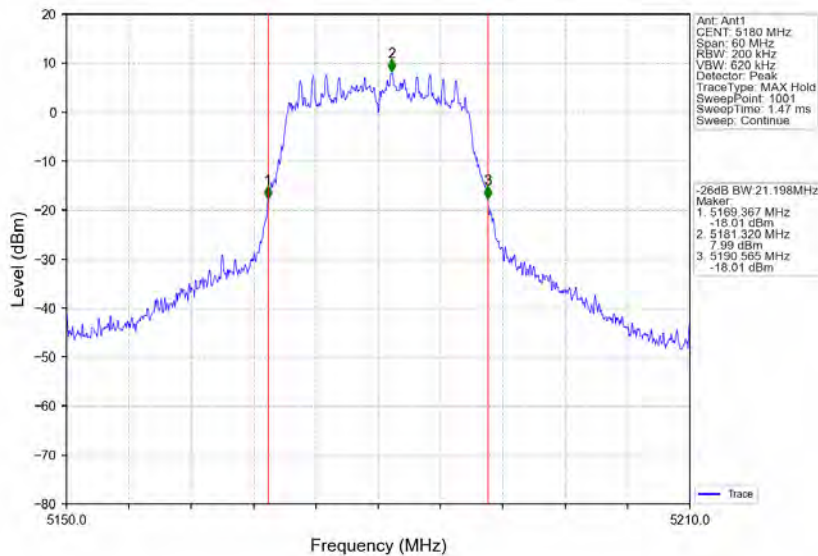
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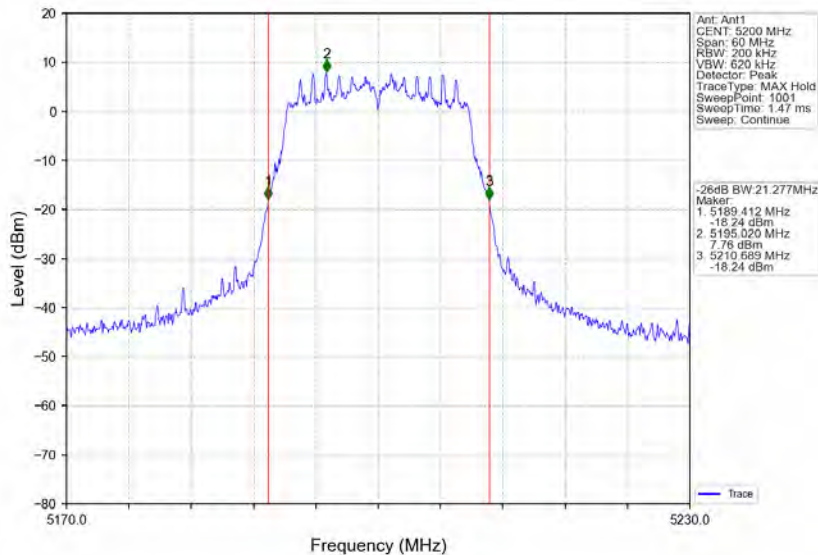
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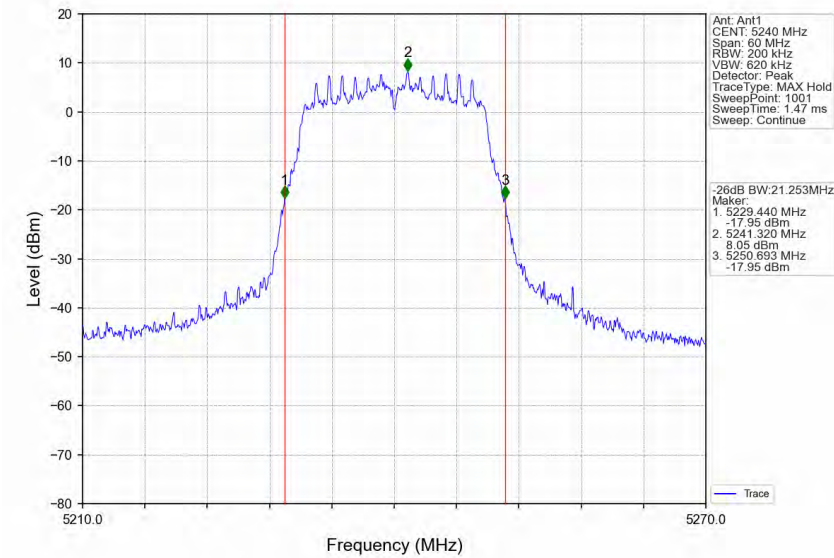
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



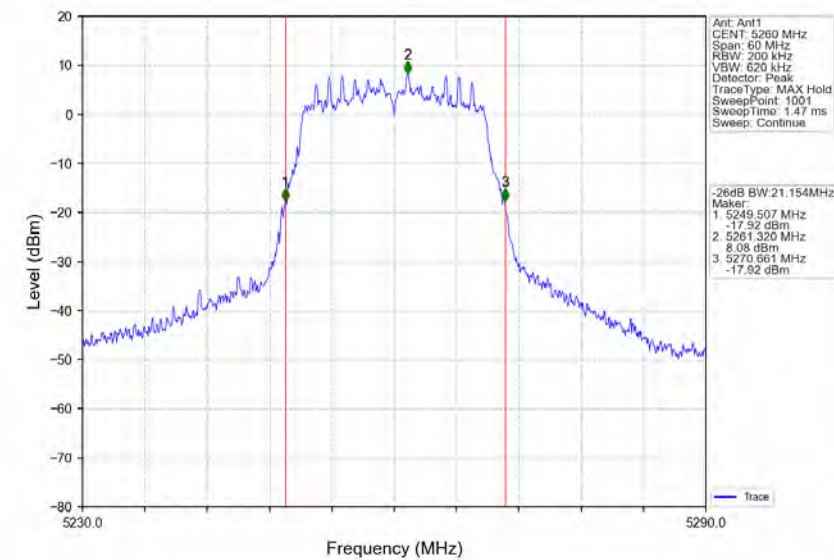
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



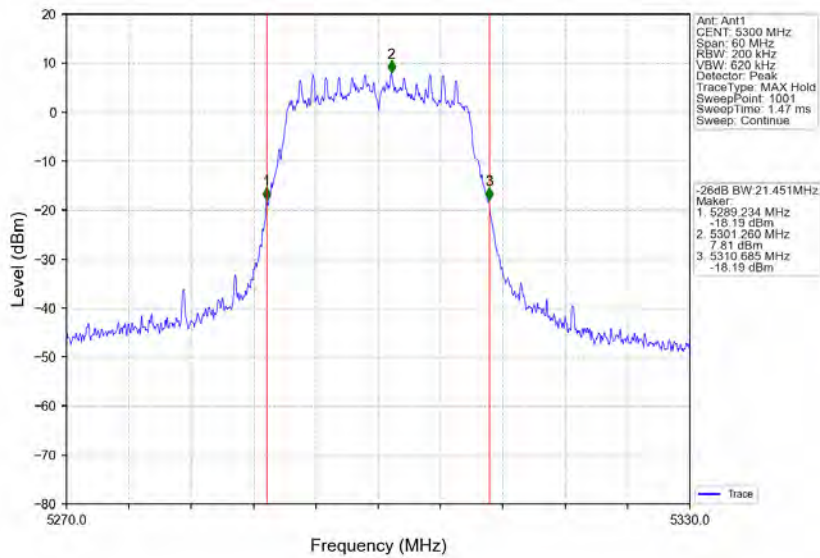
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



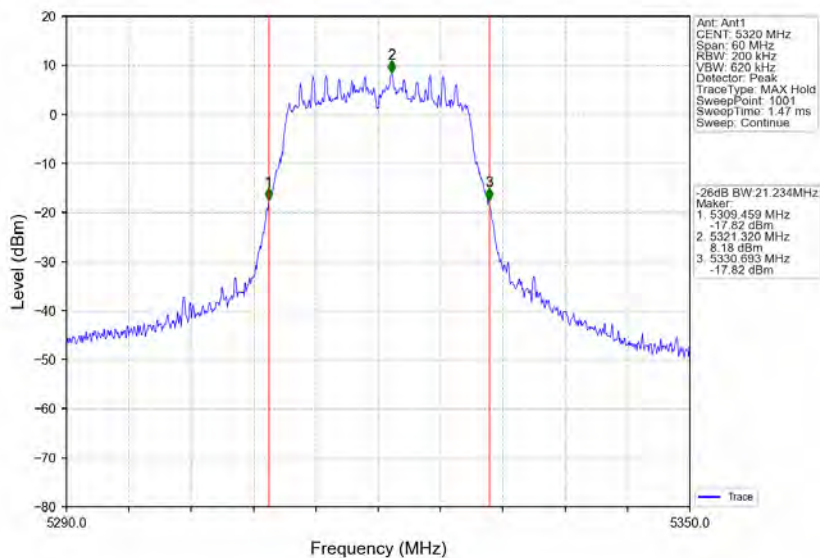
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



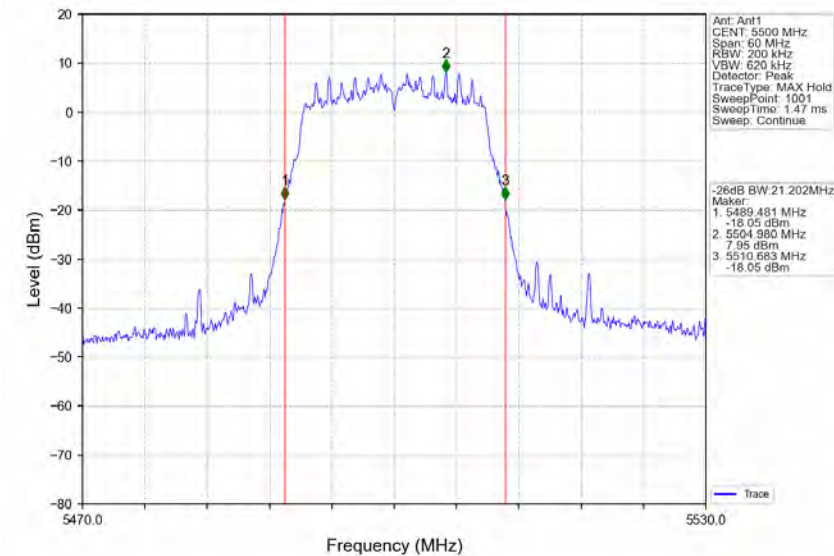
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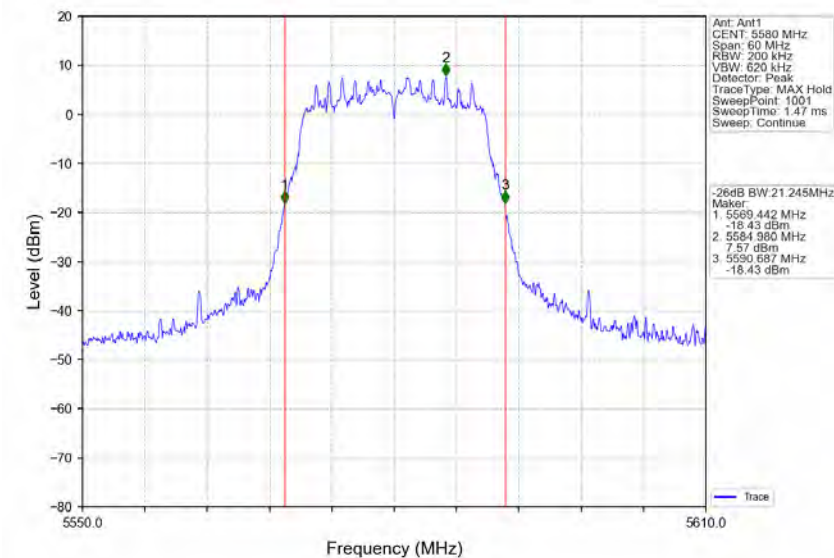
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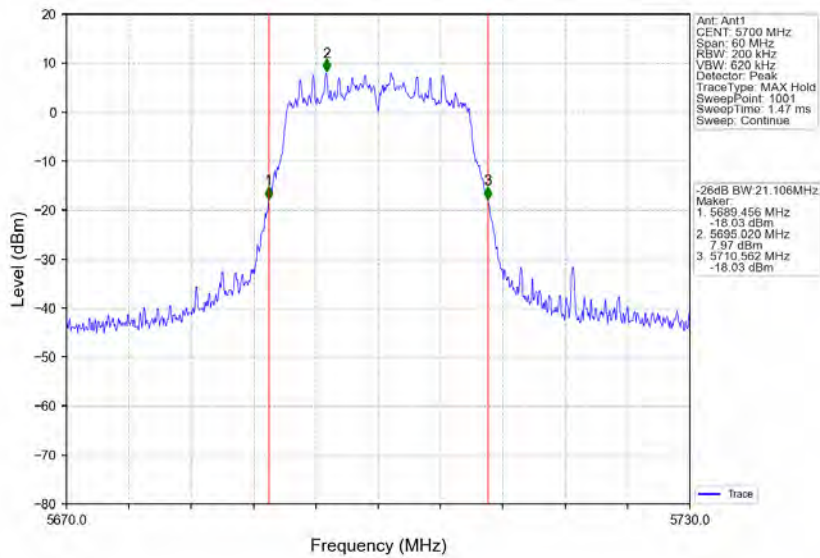
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



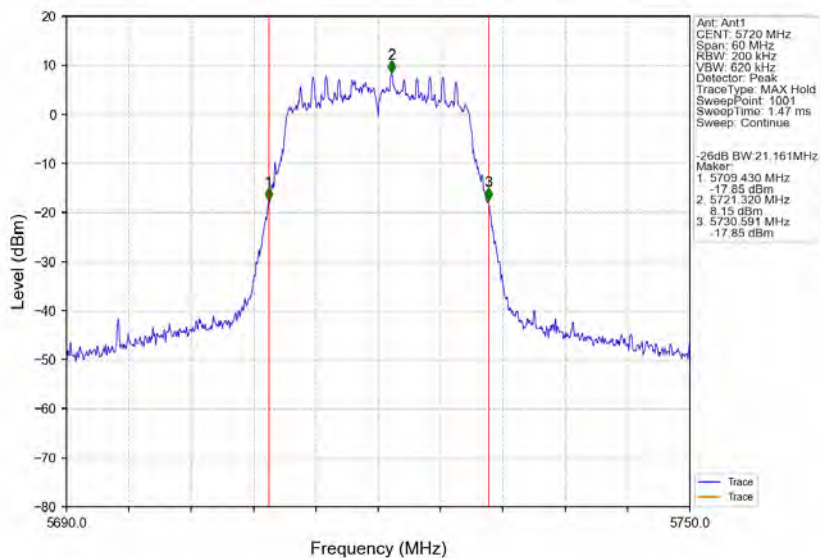
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



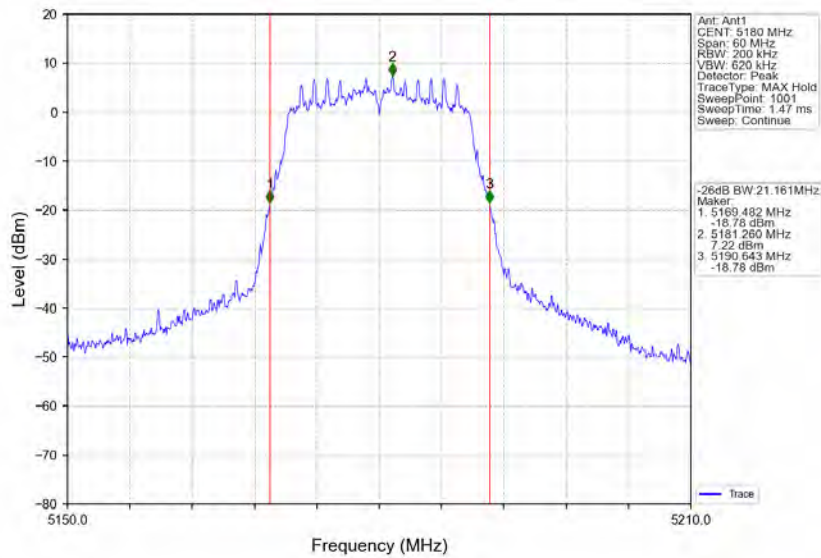
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



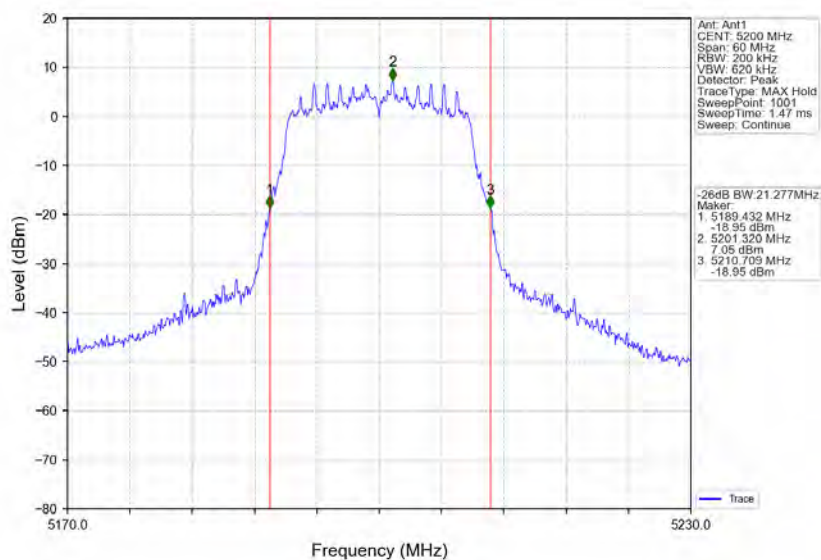
802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



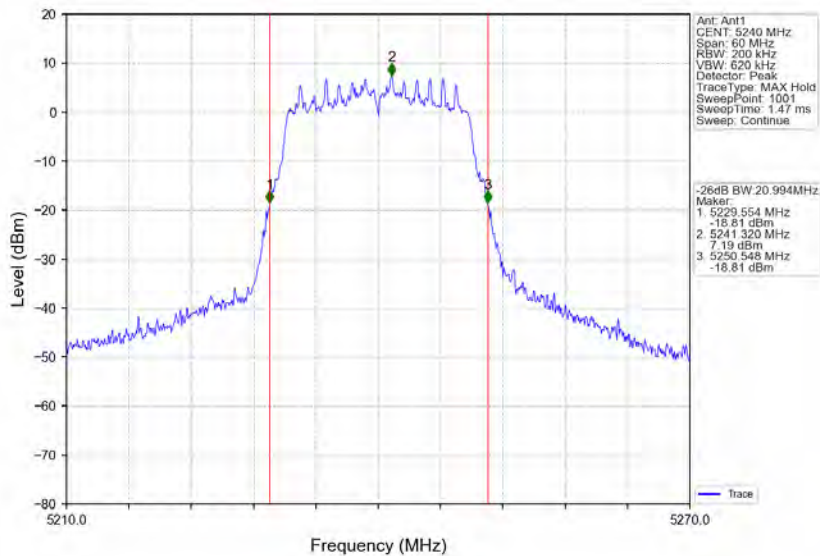
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



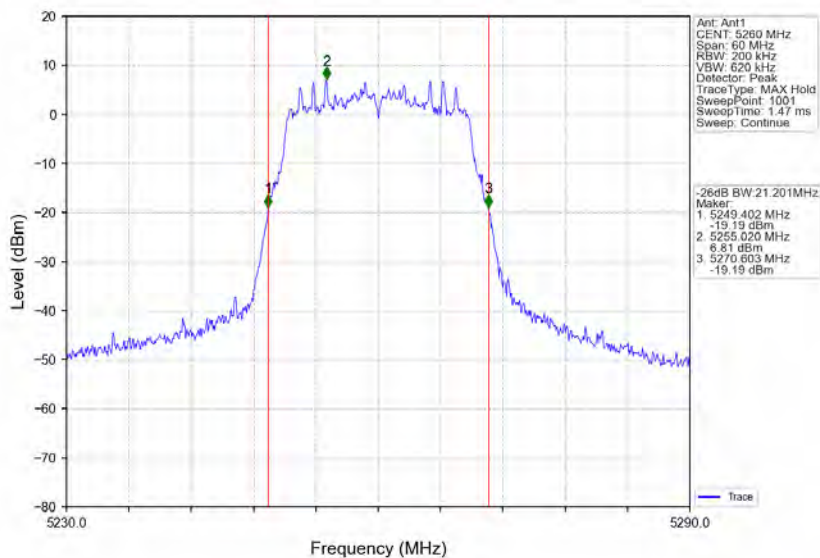
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



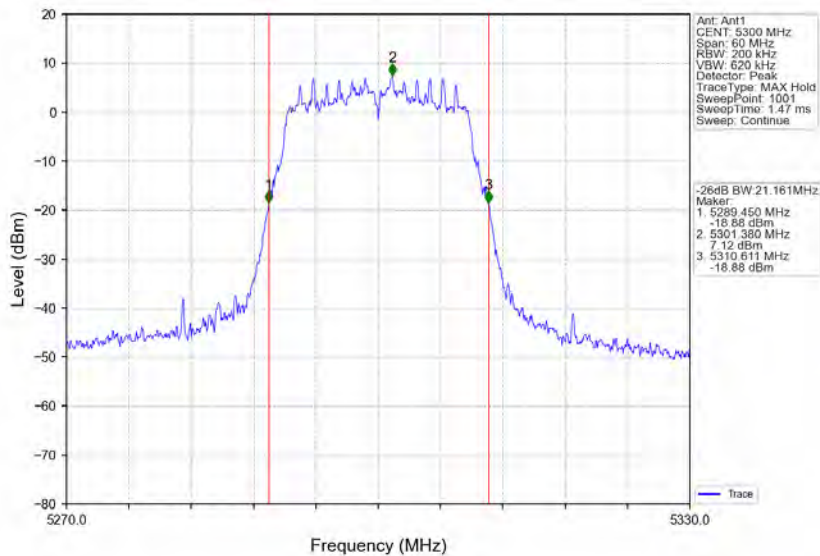
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



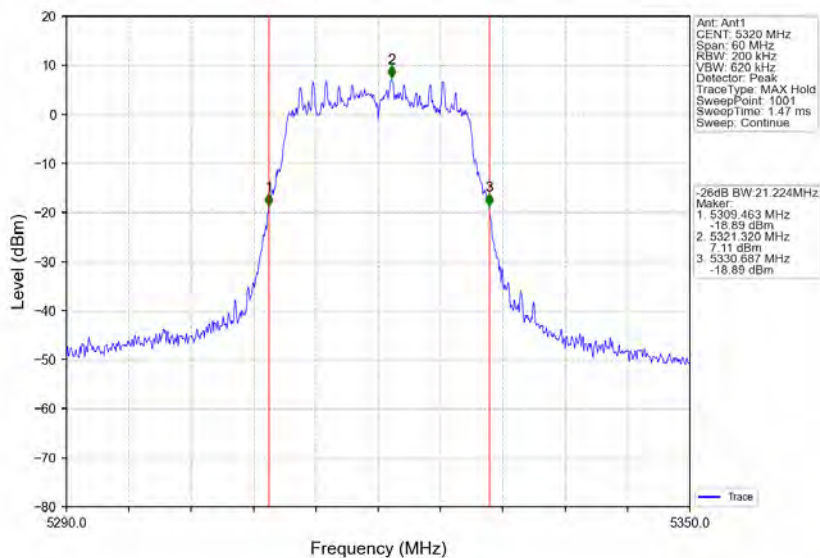
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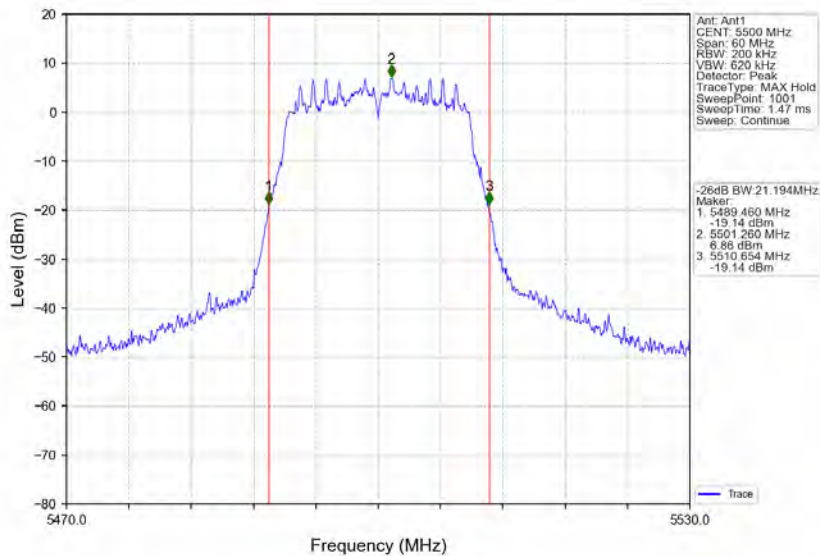
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



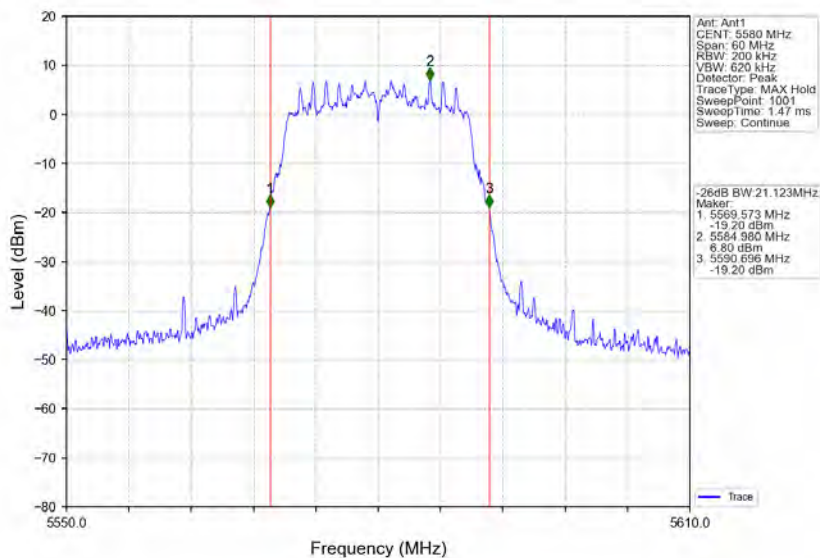
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



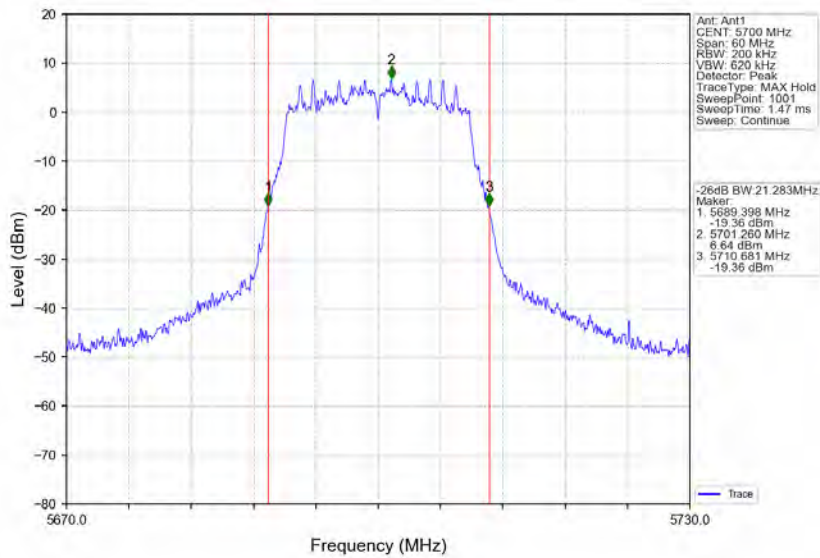
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



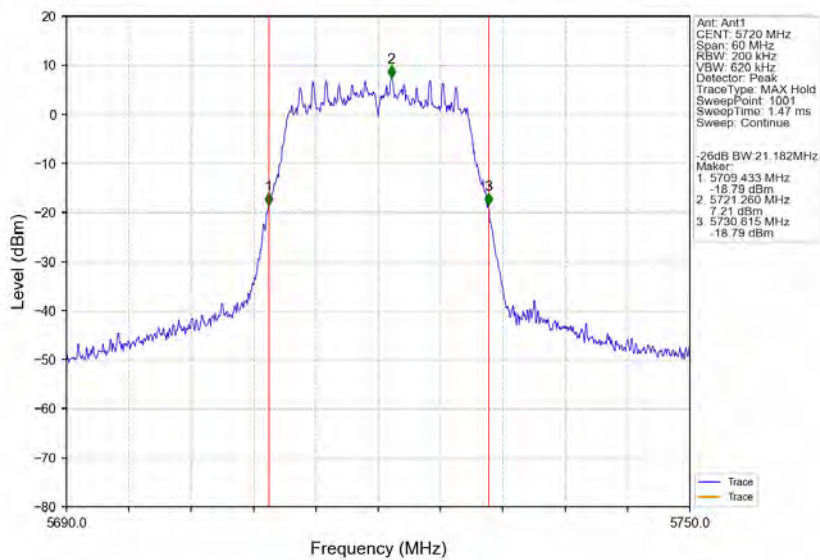
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



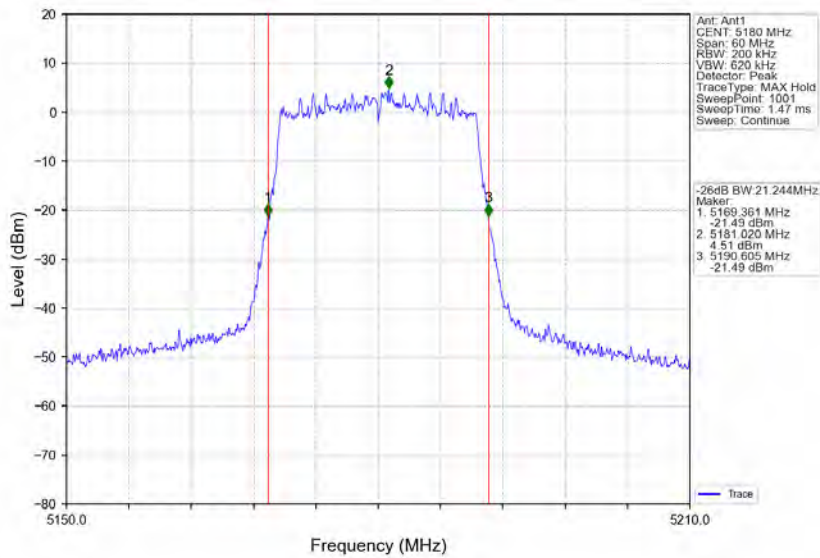
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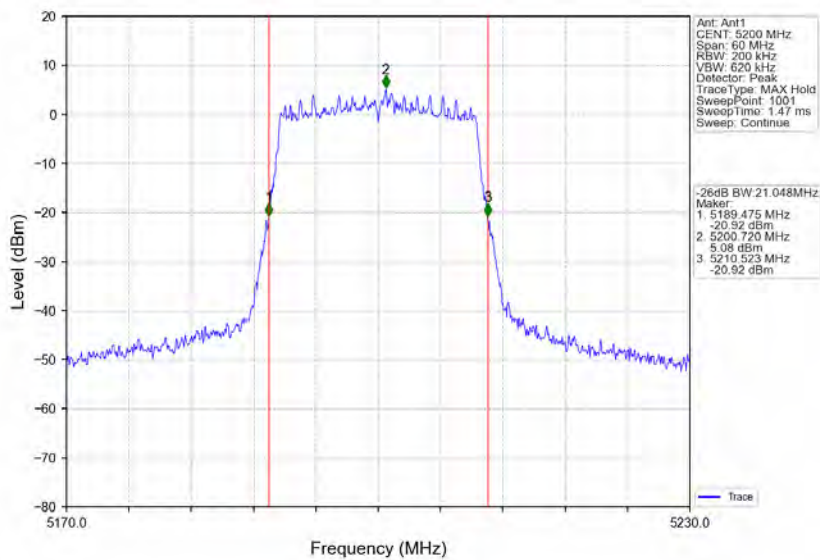
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802.11ax(HE20)_LCH_5180MHz_RU242_Ant1_NTNV



802.11ax(HE20)_MCH_5200MHz_RU242_Ant1_NTNV

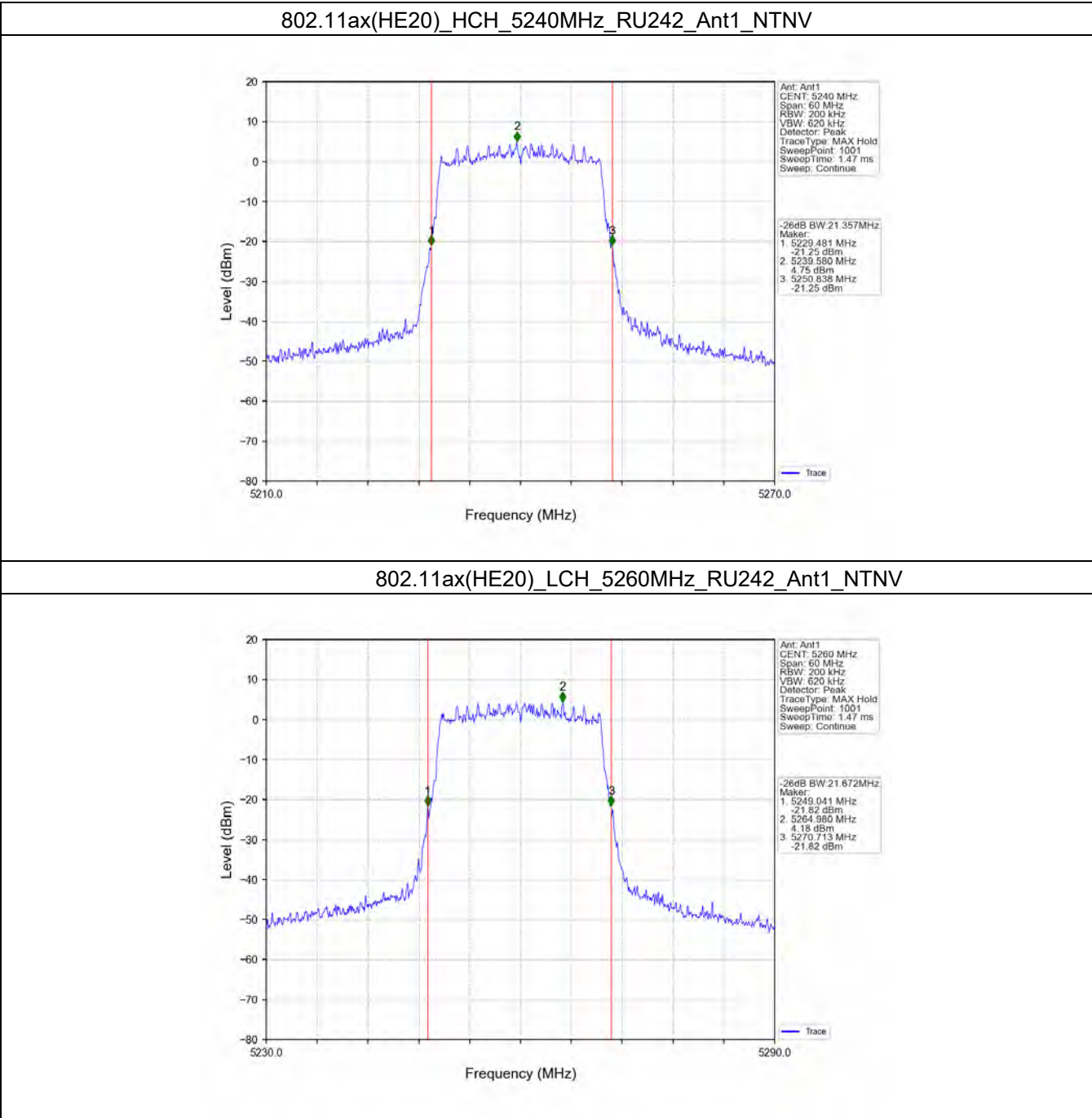


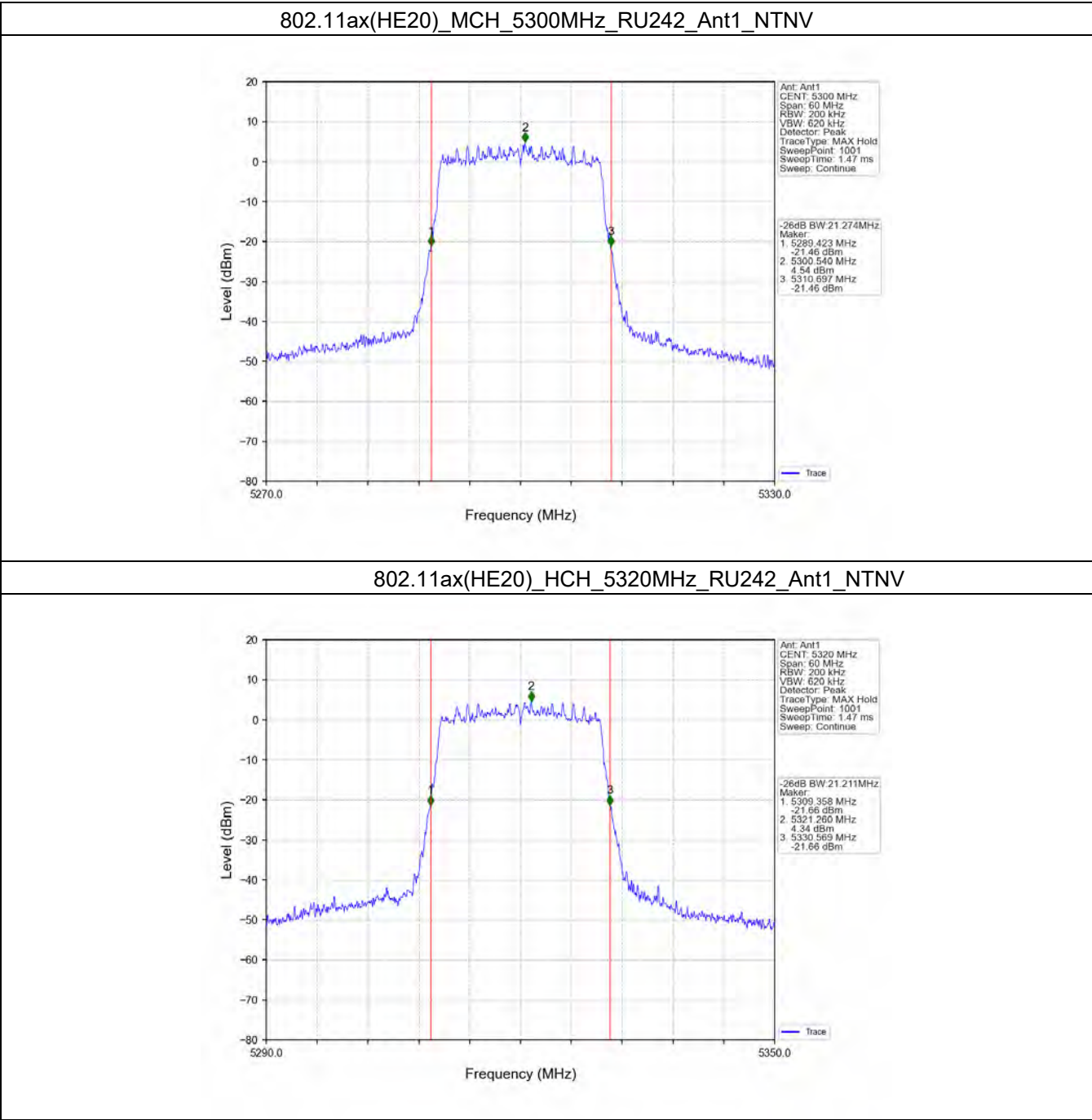
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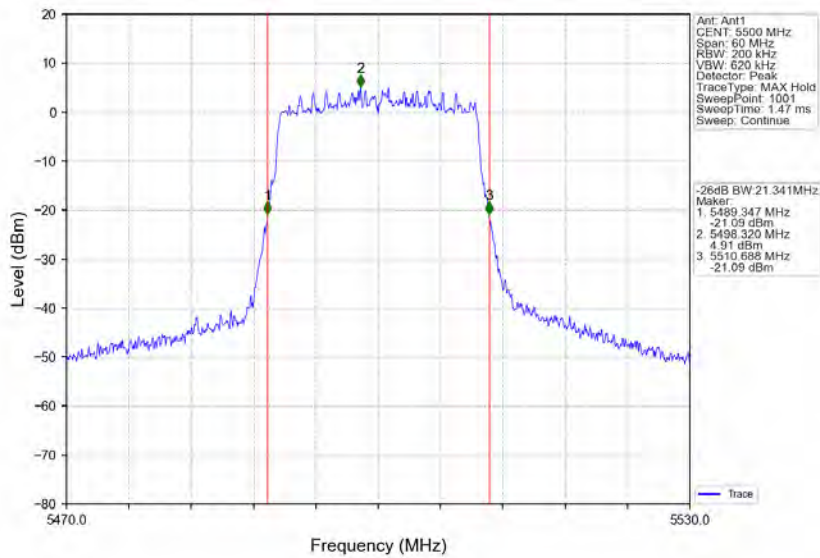
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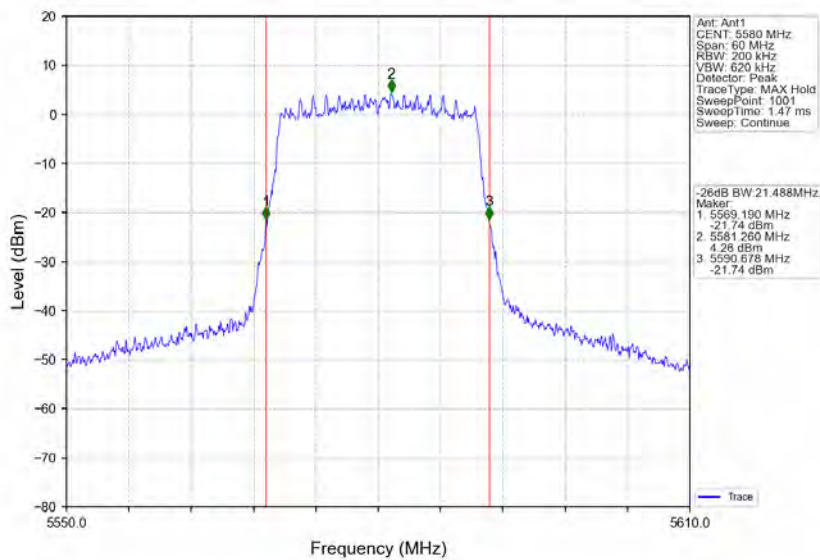




802.11ax(HE20)_LCH_5500MHz_RU242_Ant1_NTNV



802.11ax(HE20)_MCH_5580MHz_RU242_Ant1_NTNV

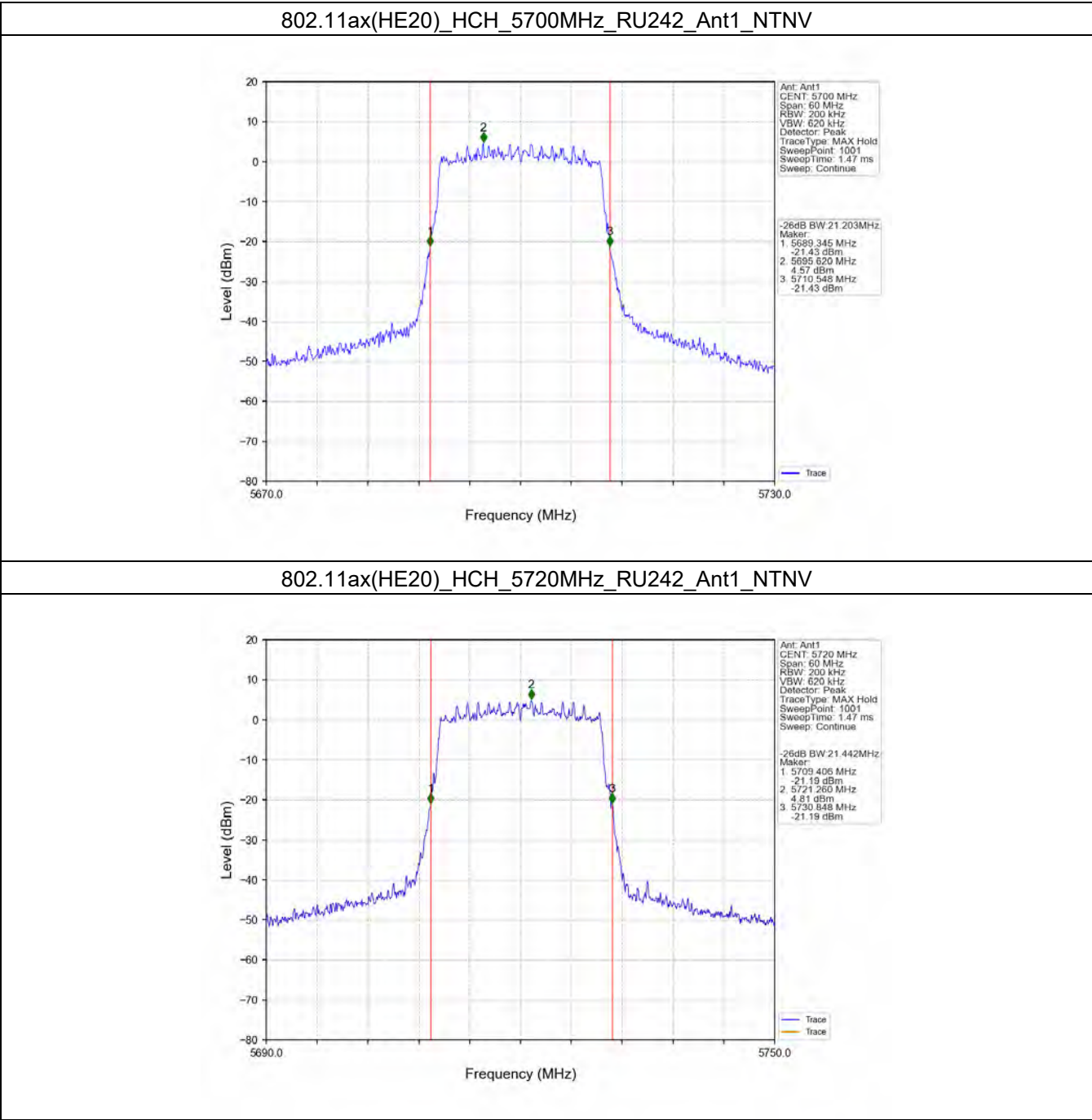


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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power For IC

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	15.58	/	Pass
		5200	/	/	15.57	/	Pass
		5240	/	/	15.93	/	Pass
		5260	/	/	17.39	<=23.49	Pass
		5300	/	/	17.63	<=23.52	Pass
		5320	/	/	17.36	<=23.5	Pass
		5500	/	/	17.61	<=23.51	Pass
		5580	/	/	17.67	<=23.52	Pass
		5700	/	/	17.27	<=23.51	Pass
		5720	/	/	17.49	<=23.98	Pass
		5745	/	/	17.50	<=30	Pass
		5785	/	/	17.39	<=30	Pass
		5825	/	/	17.27	<=30	Pass
802.11n (HT20)	SISO	5180	/	/	15.38	/	Pass
		5200	/	/	15.41	/	Pass
		5240	/	/	15.40	/	Pass
		5260	/	/	15.47	<=23.7	Pass
		5300	/	/	15.38	<=23.71	Pass
		5320	/	/	15.55	<=23.72	Pass
		5500	/	/	15.43	<=23.72	Pass
		5580	/	/	15.17	<=23.73	Pass
		5700	/	/	15.60	<=23.7	Pass
		5720	/	/	15.39	<=23.98	Pass
		5745	/	/	15.67	<=30	Pass
		5785	/	/	15.34	<=30	Pass
		5825	/	/	15.27	<=30	Pass
802.11ac (VHT20)	SISO	5180	/	/	14.67	/	Pass
		5200	/	/	14.45	/	Pass
		5240	/	/	14.52	/	Pass
		5260	/	/	14.55	<=23.71	Pass
		5300	/	/	14.62	<=23.72	Pass
		5320	/	/	14.47	<=23.7	Pass
		5500	/	/	14.49	<=23.72	Pass
		5580	/	/	14.41	<=23.71	Pass



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		5700	/	/	14.42	<=23.7	Pass
		5720	/	/	14.49	<=23.98	Pass
		5745	/	/	14.40	<=30	Pass
		5785	/	/	14.54	<=30	Pass
		5825	/	/	14.52	<=30	Pass
802.11ax (HE20)	SISO	5180	RU26	Left	8.18	/	Pass
			RU52	Left	11.23	/	Pass
			RU106	Left	12.67	/	Pass
			RU242	/	12.37	/	Pass
		5200	RU26	Mid	9.60	/	Pass
			RU242	/	12.44	/	Pass
		5240	RU26	Right	7.99	/	Pass
			RU52	Right	11.22	/	Pass
			RU106	Right	12.30	/	Pass
			RU242	/	12.67	/	Pass
		5260	RU26	Left	12.62	<=23.88	Pass
			RU52	Left	12.40	<=23.88	Pass
			RU106	Left	12.67	<=23.88	Pass
			RU242	/	12.62	<=23.88	Pass
		5300	RU26	Mid	12.30	<=23.87	Pass
			RU242	/	12.38	<=23.87	Pass
		5320	RU26	Right	12.42	<=23.86	Pass
			RU52	Right	12.77	<=23.86	Pass
			RU106	Right	12.56	<=23.86	Pass
			RU242	/	12.52	<=23.86	Pass
		5500	RU26	Left	12.30	<=23.88	Pass
			RU52	Left	12.65	<=23.88	Pass
			RU106	Left	12.58	<=23.88	Pass
			RU242	/	12.64	<=23.88	Pass
		5580	RU26	Mid	12.64	<=23.87	Pass
			RU242	/	12.42	<=23.87	Pass
		5700	RU26	Right	12.27	<=23.86	Pass
			RU52	Right	12.52	<=23.86	Pass
			RU106	Right	12.65	<=23.86	Pass
			RU242	/	12.54	<=23.86	Pass
		5720	RU26	Left	11.98	<=23.98	Pass
			RU52	Left	12.51	<=23.98	Pass
			RU106	Left	12.40	<=23.98	Pass
			RU242	/	12.41	<=23.98	Pass
		5745	RU26	Left	12.27	<=30	Pass
			RU52	Left	12.34	<=30	Pass
			RU106	Left	12.20	<=30	Pass
			RU242	/	12.58	<=30	Pass
		5785	RU26	Mid	12.28	<=30	Pass

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			RU242	/	12.62	<=30	Pass
		5825	RU26	Right	12.74	<=30	Pass
			RU52	Right	12.53	<=30	Pass
			RU106	Right	12.38	<=30	Pass
			RU242	/	12.39	<=30	Pass

3.1.2 EIRP for IC (Dipole antenna)

Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	19.58	<=22.5	Pass
		5200	/	/	19.57	<=22.51	Pass
		5240	/	/	19.93	<=22.5	Pass
		5260	/	/	21.39	<=29.49	Pass
		5300	/	/	21.63	<=29.52	Pass
		5320	/	/	21.36	<=29.5	Pass
		5500	/	/	21.61	<=29.51	Pass
		5580	/	/	21.67	<=29.52	Pass
		5700	/	/	21.27	<=29.51	Pass
		5720	/	/	21.49	<=23.98	Pass
		5745	/	/	21.50	/	Pass
		5785	/	/	21.39	/	Pass
		5825	/	/	21.27	/	Pass
802.11n (HT20)	SISO	5180	/	/	19.38	<=22.73	Pass
		5200	/	/	19.41	<=22.71	Pass
		5240	/	/	19.40	<=22.74	Pass
		5260	/	/	19.47	<=29.7	Pass
		5300	/	/	19.38	<=29.71	Pass
		5320	/	/	19.55	<=29.72	Pass
		5500	/	/	19.43	<=29.72	Pass
		5580	/	/	19.17	<=29.73	Pass
		5700	/	/	19.60	<=29.7	Pass
		5720	/	/	19.39	<=23.98	Pass
		5745	/	/	19.67	/	Pass
		5785	/	/	19.34	/	Pass
		5825	/	/	19.27	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	18.67	<=22.72	Pass
		5200	/	/	18.45	<=22.72	Pass
		5240	/	/	18.52	<=22.7	Pass
		5260	/	/	18.55	<=29.71	Pass
		5300	/	/	18.62	<=29.72	Pass
		5320	/	/	18.47	<=29.7	Pass
		5500	/	/	18.49	<=29.72	Pass
		5580	/	/	18.41	<=29.71	Pass

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		5700	/	/	18.42	<=29.7	Pass
		5720	/	/	18.49	<=23.98	Pass
		5745	/	/	18.40	/	Pass
		5785	/	/	18.54	/	Pass
		5825	/	/	18.52	/	Pass
802.11ax (HE20)	SISO	5180	RU26	Left	12.18	<=22.86	Pass
			RU52	Left	15.23	<=22.86	Pass
			RU106	Left	16.67	<=22.86	Pass
			RU242	/	16.37	<=22.86	Pass
		5200	RU26	Mid	13.60	<=22.87	Pass
			RU242	/	16.44	<=22.87	Pass
		5240	RU26	Right	11.99	<=22.89	Pass
			RU52	Right	15.22	<=22.89	Pass
			RU106	Right	16.30	<=22.89	Pass
			RU242	/	16.67	<=22.89	Pass
		5260	RU26	Left	16.62	<=29.88	Pass
			RU52	Left	16.40	<=29.88	Pass
			RU106	Left	16.67	<=29.88	Pass
			RU242	/	16.62	<=29.88	Pass
		5300	RU26	Mid	16.30	<=29.87	Pass
			RU242	/	16.38	<=29.87	Pass
		5320	RU26	Right	16.42	<=29.86	Pass
			RU52	Right	16.77	<=29.86	Pass
			RU106	Right	16.56	<=29.86	Pass
			RU242	/	16.52	<=29.86	Pass
		5500	RU26	Left	16.30	<=29.88	Pass
			RU52	Left	16.65	<=29.88	Pass
			RU106	Left	16.58	<=29.88	Pass
			RU242	/	16.64	<=29.88	Pass
		5580	RU26	Mid	16.64	<=29.87	Pass
			RU242	/	16.42	<=29.87	Pass
		5700	RU26	Right	16.27	<=29.86	Pass
			RU52	Right	16.52	<=29.86	Pass
			RU106	Right	16.65	<=29.86	Pass
			RU242	/	16.54	<=29.86	Pass
		5720	RU26	Left	15.98	<=23.98	Pass
			RU52	Left	16.51	<=23.98	Pass
			RU106	Left	16.40	<=23.98	Pass
			RU242	Left	16.41	<=23.98	Pass
		5745	RU26	Left	16.27	/	Pass
			RU52	Left	16.34	/	Pass
			RU106	Left	16.20	/	Pass
			RU242	Left	16.58	/	Pass
		5785	RU26	Mid	16.28	/	Pass

Note1: Dipole Antenna Gain: 4.00dBi;
Note2: E.I.R.P = Measured Power + Antenna Gain

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3.1.3 EIRP for IC (PCB antenna)

Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	18.98	<=22.5	Pass
		5200	/	/	18.97	<=22.51	Pass
		5240	/	/	19.33	<=22.5	Pass
		5260	/	/	20.79	<=29.49	Pass
		5300	/	/	21.03	<=29.52	Pass
		5320	/	/	20.76	<=29.5	Pass
		5500	/	/	21.01	<=29.51	Pass
		5580	/	/	21.07	<=29.52	Pass
		5700	/	/	20.67	<=29.51	Pass
		5720	/	/	20.89	<=23.98	Pass
		5745	/	/	20.90	/	Pass
		5785	/	/	20.79	/	Pass
		5825	/	/	20.67	/	Pass
802.11n (HT20)	SISO	5180	/	/	18.78	<=22.73	Pass
		5200	/	/	18.81	<=22.71	Pass
		5240	/	/	18.80	<=22.74	Pass
		5260	/	/	18.87	<=29.7	Pass
		5300	/	/	18.78	<=29.71	Pass
		5320	/	/	18.95	<=29.72	Pass
		5500	/	/	18.83	<=29.72	Pass
		5580	/	/	18.57	<=29.73	Pass
		5700	/	/	19.00	<=29.7	Pass
		5720	/	/	18.79	<=23.98	Pass
		5745	/	/	19.07	/	Pass
		5785	/	/	18.74	/	Pass
		5825	/	/	18.67	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	18.07	<=22.72	Pass
		5200	/	/	17.85	<=22.72	Pass
		5240	/	/	17.92	<=22.7	Pass
		5260	/	/	17.95	<=29.71	Pass
		5300	/	/	18.02	<=29.72	Pass
		5320	/	/	17.87	<=29.7	Pass
		5500	/	/	17.89	<=29.72	Pass
		5580	/	/	17.81	<=29.71	Pass
		5700	/	/	17.82	<=29.7	Pass
		5720	/	/	17.89	<=23.98	Pass
		5745	/	/	17.80	/	Pass
		5785	/	/	17.94	/	Pass
		5825	/	/	17.92	/	Pass

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802.11ax (HE20)	SISO	5180	RU26	Left	11.58	<=22.86	Pass
			RU52	Left	14.63	<=22.86	Pass
			RU106	Left	16.07	<=22.86	Pass
			RU242	/	15.77	<=22.86	Pass
		5200	RU26	Mid	13.00	<=22.87	Pass
			RU242	/	15.84	<=22.87	Pass
		5240	RU26	Right	11.39	<=22.89	Pass
			RU52	Right	14.62	<=22.89	Pass
			RU106	Right	15.70	<=22.89	Pass
			RU242	/	16.07	<=22.89	Pass
		5260	RU26	Left	16.02	<=29.88	Pass
			RU52	Left	15.80	<=29.88	Pass
			RU106	Left	16.07	<=29.88	Pass
			RU242	/	16.02	<=29.88	Pass
		5300	RU26	Mid	15.70	<=29.87	Pass
			RU242	/	15.78	<=29.87	Pass
		5320	RU26	Right	15.82	<=29.86	Pass
			RU52	Right	16.17	<=29.86	Pass
			RU106	Right	15.96	<=29.86	Pass
			RU242	/	15.92	<=29.86	Pass
		5500	RU26	Left	15.70	<=29.88	Pass
			RU52	Left	16.05	<=29.88	Pass
			RU106	Left	15.98	<=29.88	Pass
			RU242	/	16.04	<=29.88	Pass
		5580	RU26	Mid	16.04	<=29.87	Pass
			RU242	/	15.82	<=29.87	Pass
		5700	RU26	Right	15.67	<=29.86	Pass
			RU52	Right	15.92	<=29.86	Pass
			RU106	Right	16.05	<=29.86	Pass
			RU242	/	15.94	<=29.86	Pass
		5720	RU26	Left	15.38	<=23.98	Pass
			RU52	Left	15.91	<=23.98	Pass
			RU106	Left	15.80	<=23.98	Pass
			RU242	Left	15.81	<=23.98	Pass
		5745	RU26	Left	15.67	/	Pass
			RU52	Left	15.74	/	Pass
			RU106	Left	15.60	/	Pass
			RU242	Left	15.98	/	Pass
		5785	RU26	Mid	15.68	/	Pass
			RU242	/	16.02	/	Pass
		5825	RU26	Right	16.14	/	Pass
			RU52	Right	15.93	/	Pass
			RU106	Right	15.78	/	Pass
			RU242	/	15.79	/	Pass

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Note1: PCB Antenna Gain: 3.40dBi;
Note2: E.I.R.P = Measured Power + Antenna Gain

3.1.4 Power for FCC

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	17.56	<=23.98	Pass
		5200	/	/	17.57	<=23.98	Pass
		5240	/	/	17.41	<=23.98	Pass
		5260	/	/	17.39	<=23.98	Pass
		5300	/	/	17.63	<=23.98	Pass
		5320	/	/	17.36	<=23.98	Pass
		5500	/	/	17.61	<=23.98	Pass
		5580	/	/	17.67	<=23.98	Pass
		5700	/	/	17.27	<=23.98	Pass
		5720	/	/	17.49	<=23.98	Pass
		5745	/	/	17.50	<=30	Pass
		5785	/	/	17.39	<=30	Pass
		5825	/	/	17.27	<=30	Pass
802.11n (HT20)	SISO	5180	/	/	15.38	<=23.98	Pass
		5200	/	/	15.41	<=23.98	Pass
		5240	/	/	15.40	<=23.98	Pass
		5260	/	/	15.47	<=23.98	Pass
		5300	/	/	15.38	<=23.98	Pass
		5320	/	/	15.55	<=23.98	Pass
		5500	/	/	15.43	<=23.98	Pass
		5580	/	/	15.17	<=23.98	Pass
		5700	/	/	15.60	<=23.98	Pass
		5720	/	/	15.39	<=23.98	Pass
		5745	/	/	15.67	<=30	Pass
		5785	/	/	15.34	<=30	Pass
		5825	/	/	15.27	<=30	Pass
802.11ac (VHT20)	SISO	5180	/	/	14.67	<=23.98	Pass
		5200	/	/	14.45	<=23.98	Pass
		5240	/	/	14.52	<=23.98	Pass
		5260	/	/	14.55	<=23.98	Pass
		5300	/	/	14.62	<=23.98	Pass
		5320	/	/	14.47	<=23.98	Pass
		5500	/	/	14.49	<=23.98	Pass
		5580	/	/	14.41	<=23.98	Pass
		5700	/	/	14.42	<=23.98	Pass
		5720	/	/	14.49	<=23.98	Pass
		5745	/	/	14.40	<=30	Pass

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802.11ax (HE20)	SISO	5785	/	/	14.54	<=30	Pass
		5825	/	/	14.52	<=30	Pass
		5180	RU26	Left	12.32	<=23.98	Pass
			RU52	Left	12.39	<=23.98	Pass
			RU106	Left	12.67	<=23.98	Pass
			RU242	/	12.37	<=23.98	Pass
		5200	RU26	Mid	12.54	<=23.98	Pass
			RU242	/	12.44	<=23.98	Pass
		5240	RU26	Right	12.50	<=23.98	Pass
			RU52	Right	12.20	<=23.98	Pass
			RU106	Right	12.30	<=23.98	Pass
			RU242	/	12.67	<=23.98	Pass
		5260	RU26	Left	12.62	<=23.98	Pass
			RU52	Left	12.40	<=23.98	Pass
			RU106	Left	12.67	<=23.98	Pass
			RU242	/	12.62	<=23.98	Pass
		5300	RU26	Mid	12.30	<=23.98	Pass
			RU242	/	12.38	<=23.98	Pass
		5320	RU26	Right	12.42	<=23.98	Pass
			RU52	Right	12.77	<=23.98	Pass
			RU106	Right	12.56	<=23.98	Pass
			RU242	/	12.52	<=23.98	Pass
		5500	RU26	Left	12.30	<=23.98	Pass
			RU52	Left	12.65	<=23.98	Pass
			RU106	Left	12.58	<=23.98	Pass
			RU242	/	12.64	<=23.98	Pass
		5580	RU26	Mid	12.64	<=23.98	Pass
			RU242	/	12.42	<=23.98	Pass
		5700	RU26	Right	12.27	<=23.98	Pass
			RU52	Right	12.52	<=23.98	Pass
			RU106	Right	12.65	<=23.98	Pass
			RU242	/	12.54	<=23.98	Pass
		5720	RU26	Left	11.98	<=23.98	Pass
			RU52	Left	12.51	<=23.98	Pass
			RU106	Left	12.40	<=23.98	Pass
			RU242	Left	12.41	<=23.98	Pass
		5745	RU26	Left	12.27	<=30	Pass
			RU52	Left	12.34	<=30	Pass
			RU106	Left	12.20	<=30	Pass
			RU242	/	12.58	<=30	Pass
		5785	RU26	Mid	12.28	<=30	Pass
			RU242	/	12.62	<=30	Pass
		5825	RU26	Right	12.74	<=30	Pass
			RU52	Right	12.53	<=30	Pass



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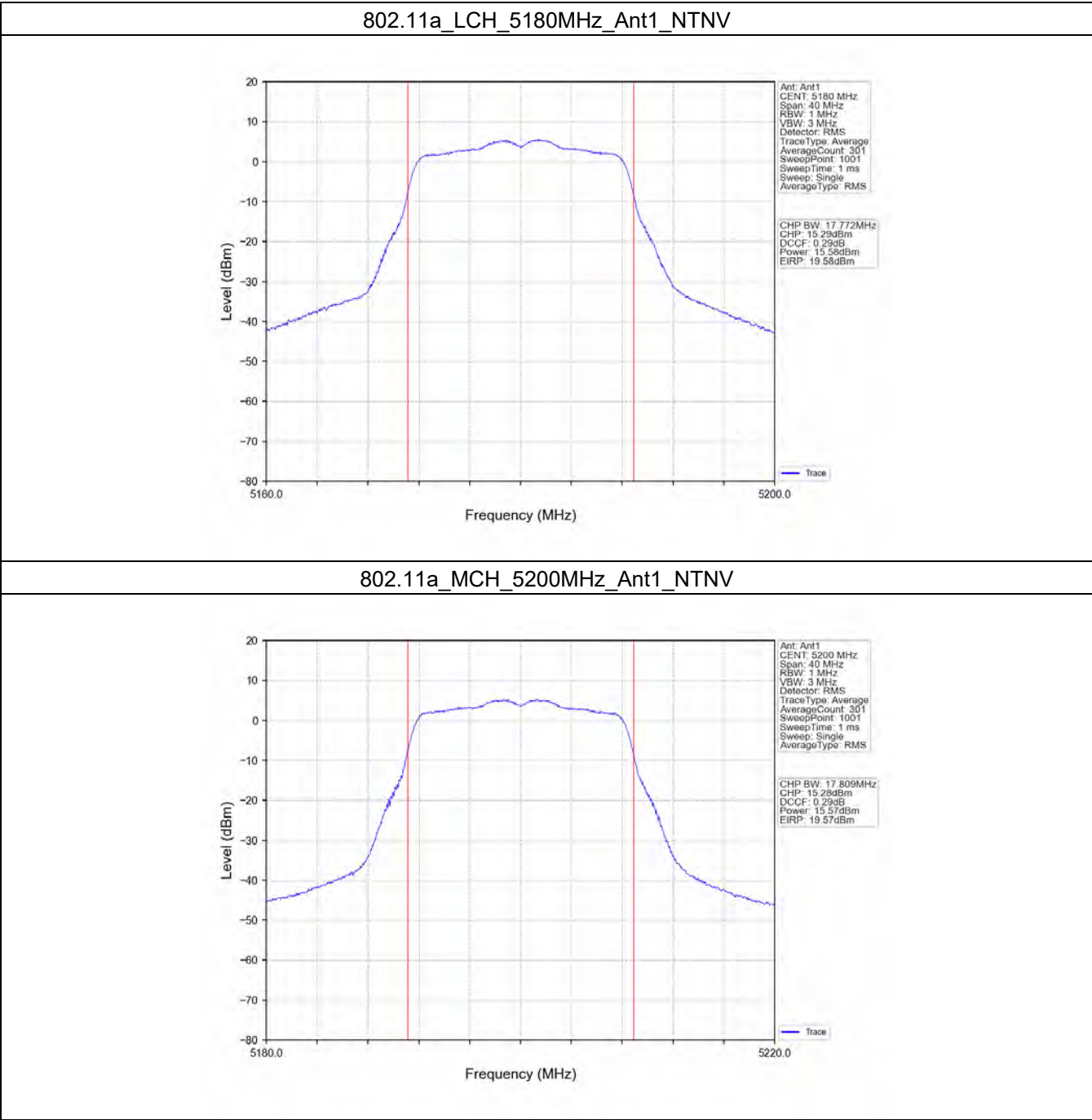
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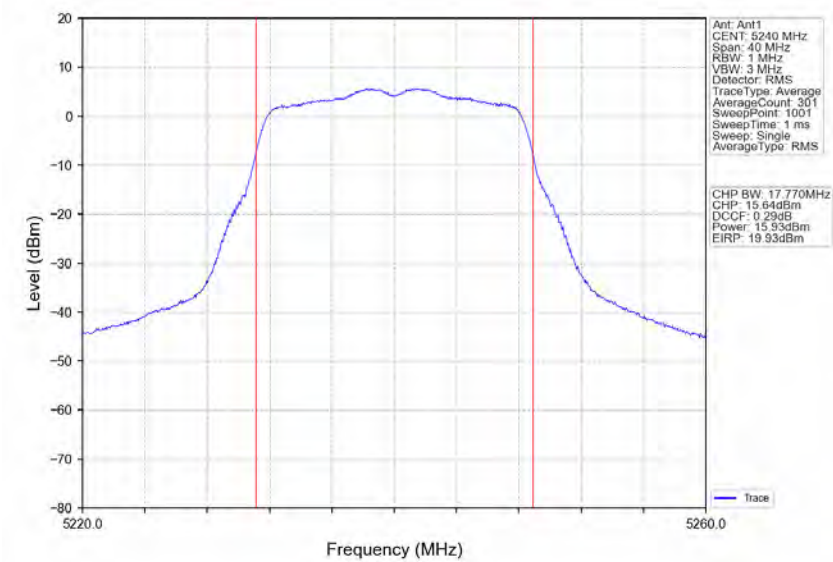
			RU106	Right	12.38	<=30	Pass
			RU242	/	12.39	<=30	Pass

3.2 Test Graph

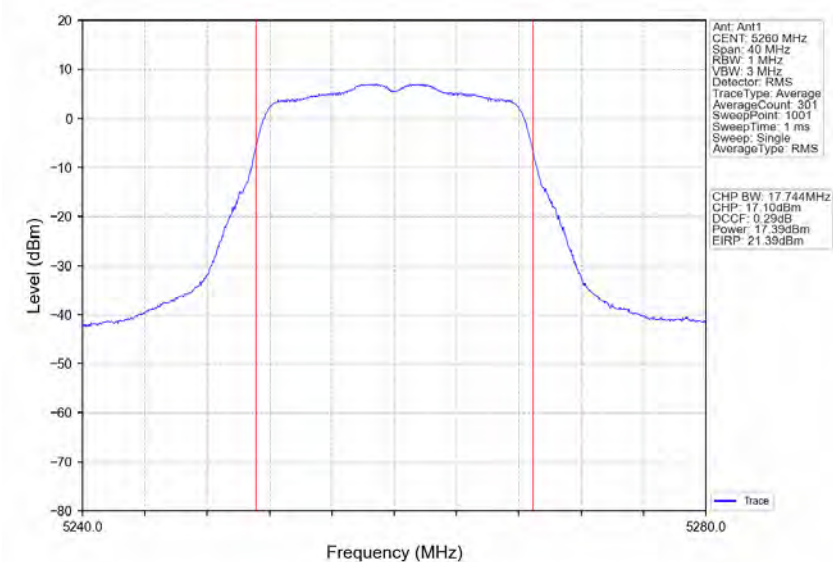
3.2.1 EIRP for IC



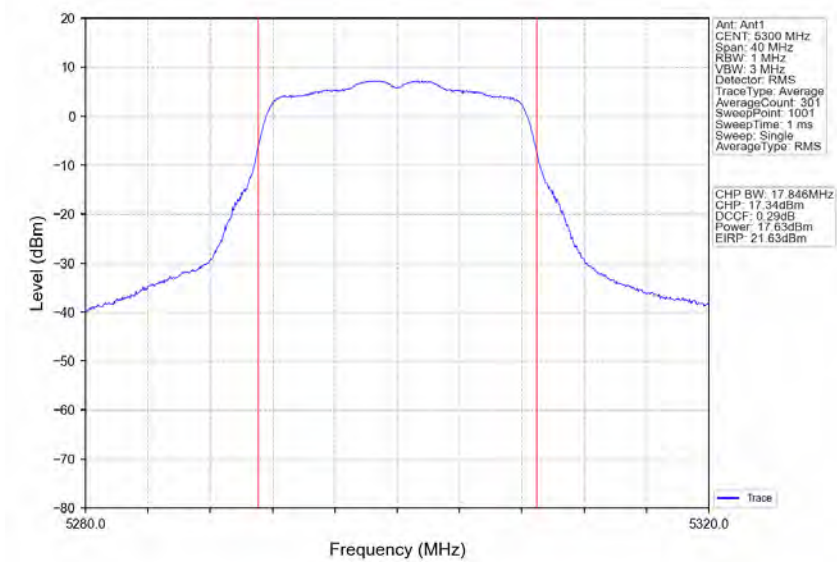
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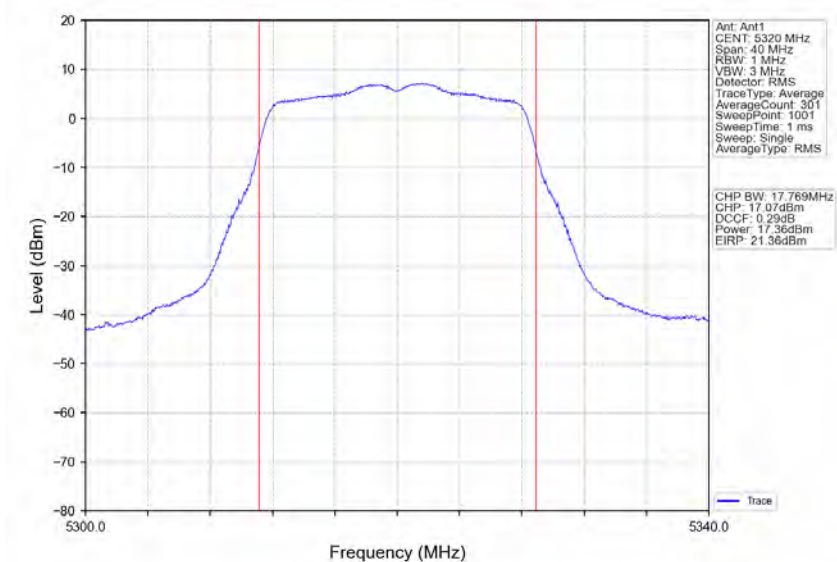
802.11a_LCH_5260MHz_Ant1_NTNV



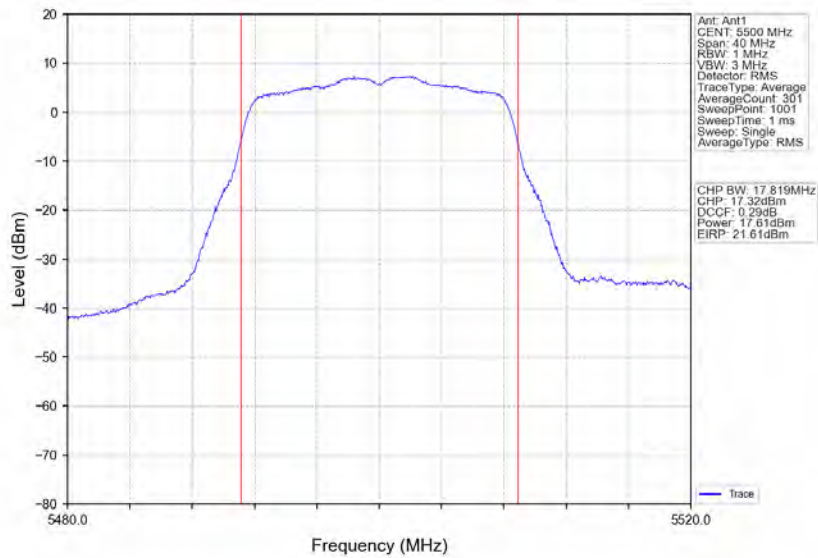
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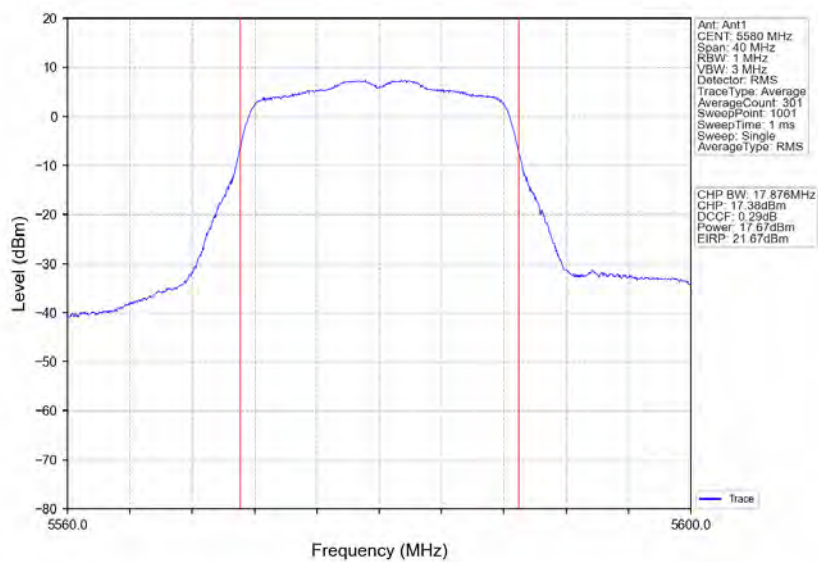
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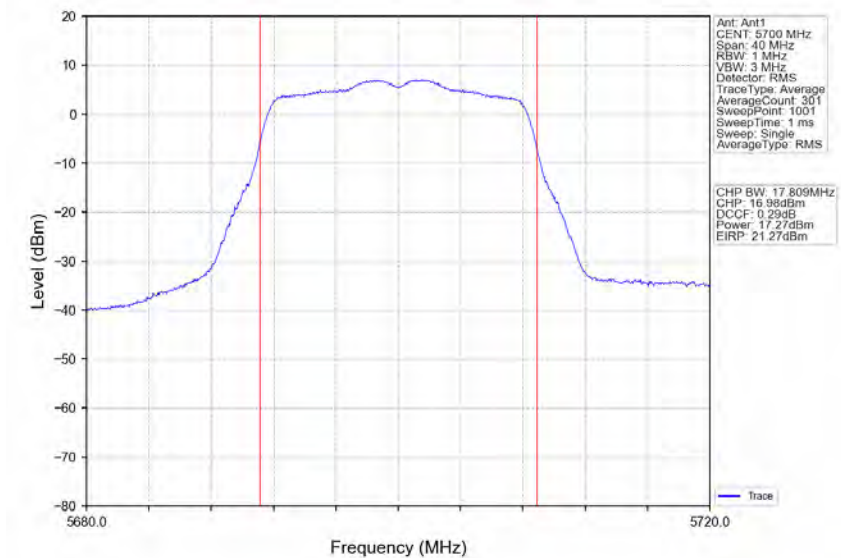
802.11a_LCH_5500MHz_Ant1_NTNV



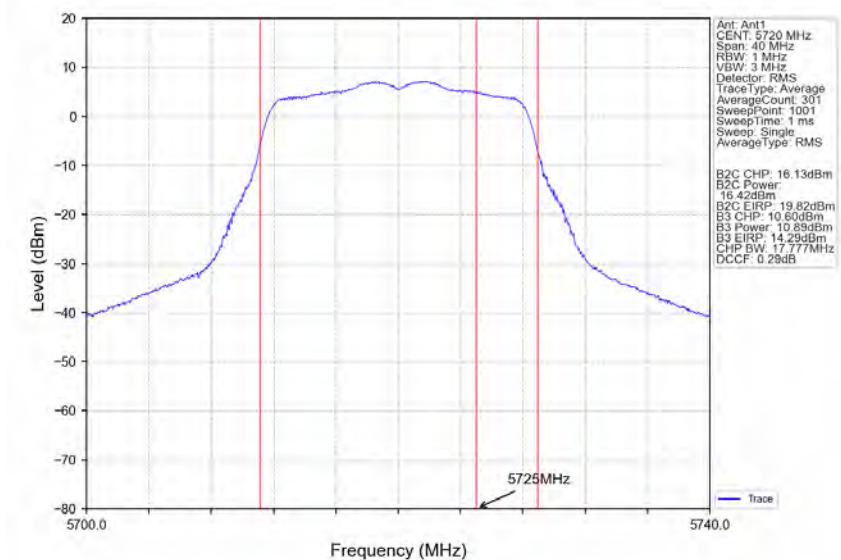
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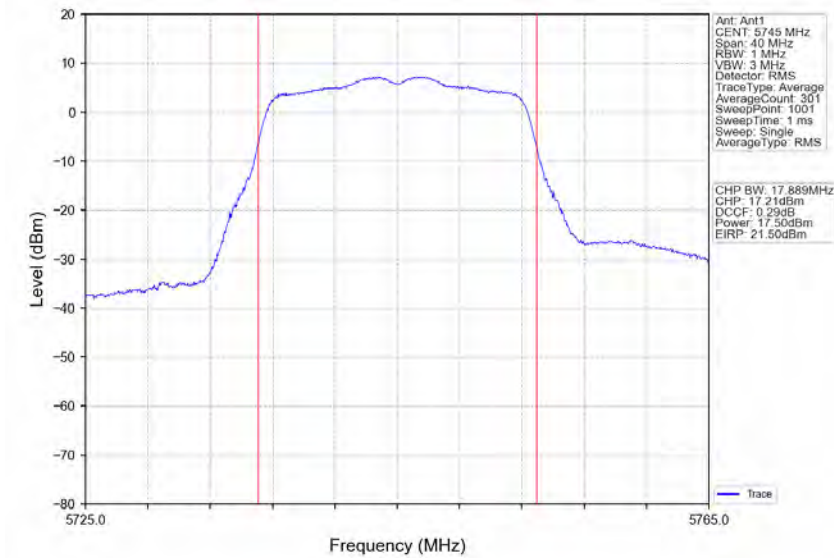
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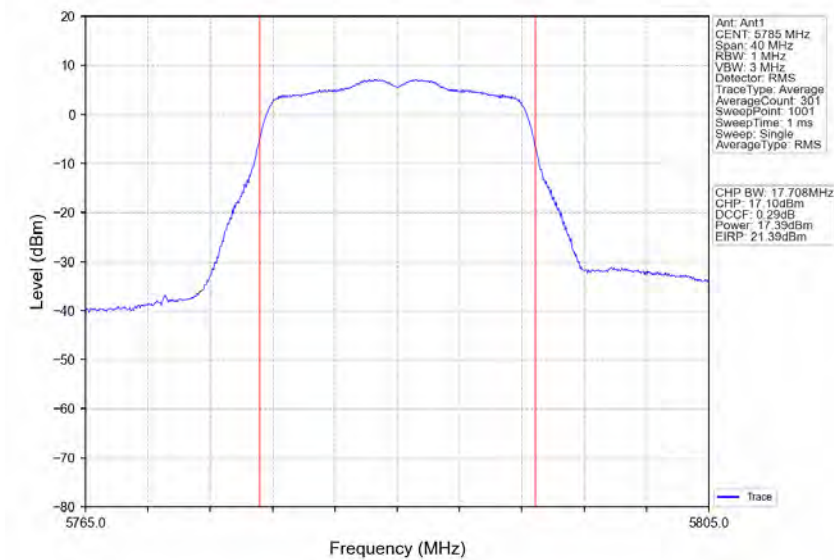
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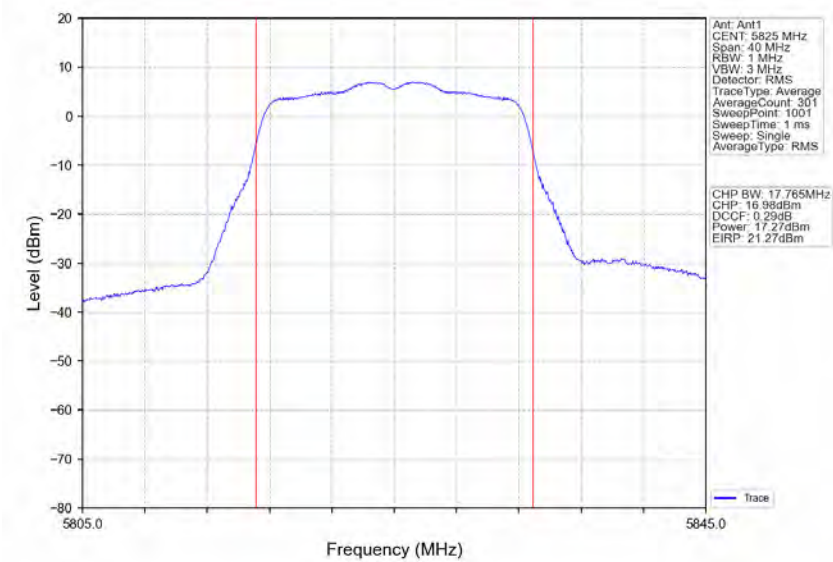
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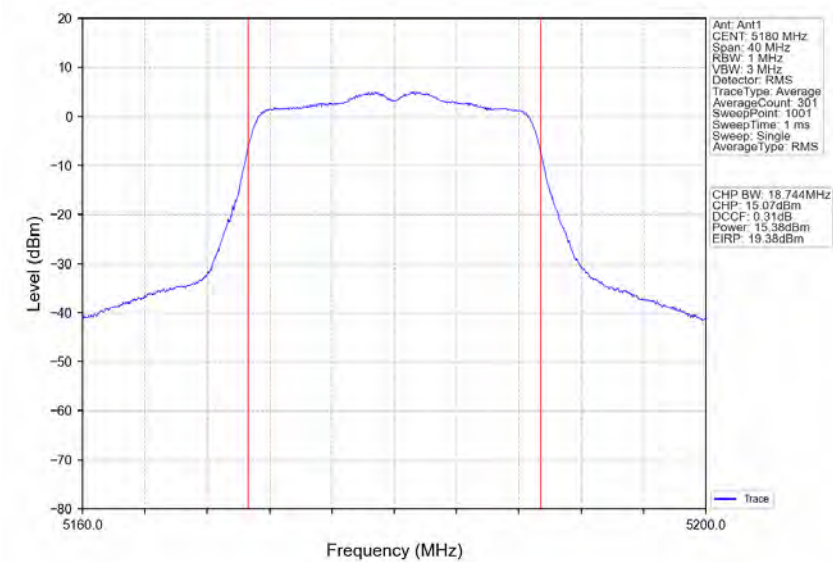
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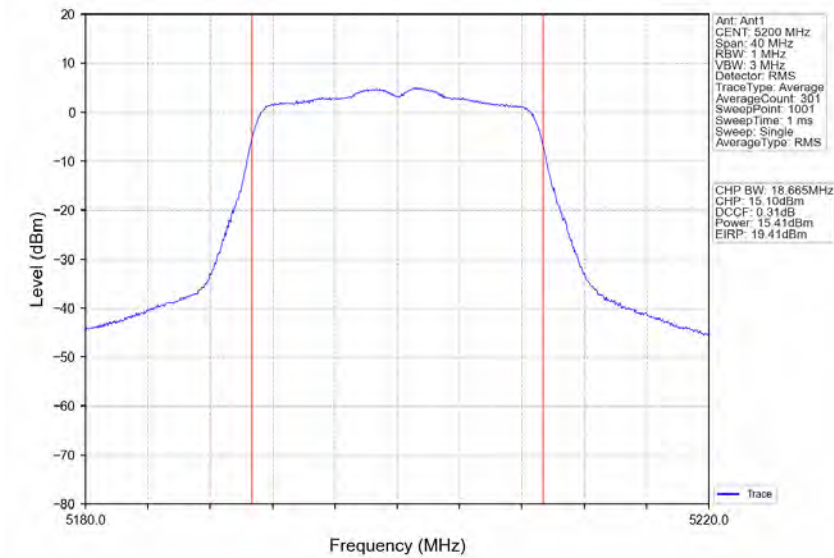
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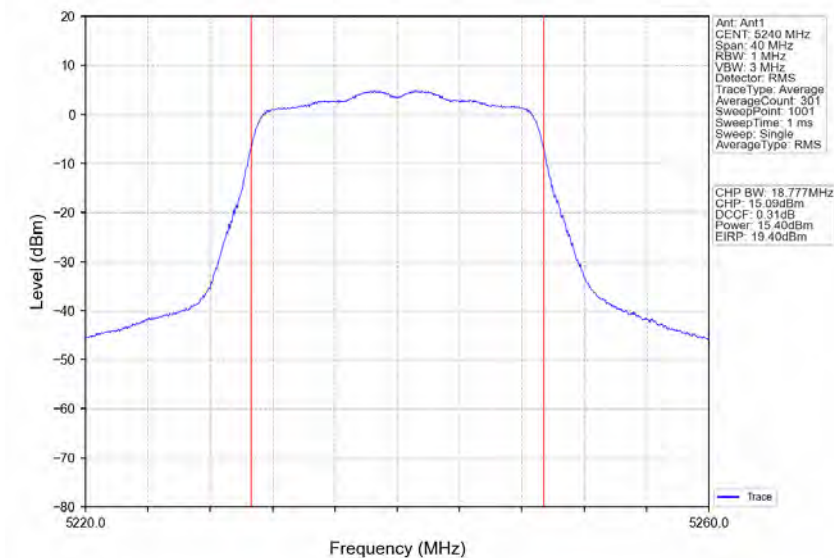
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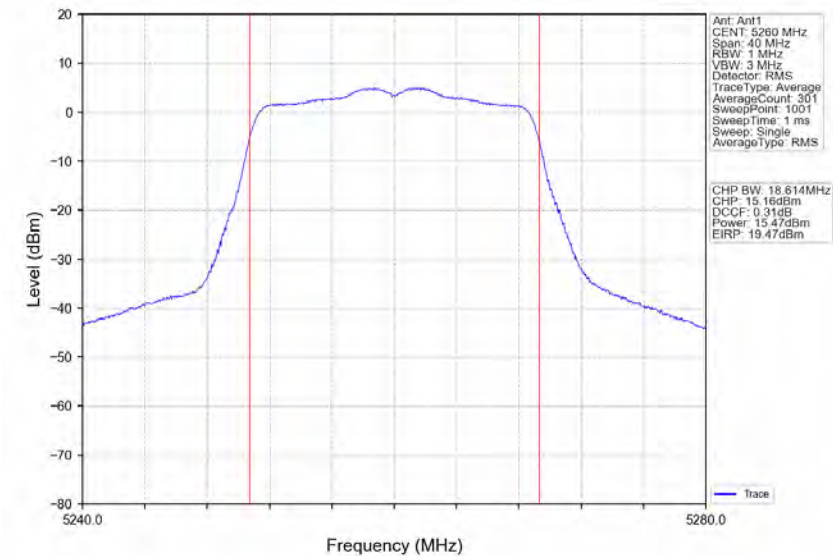
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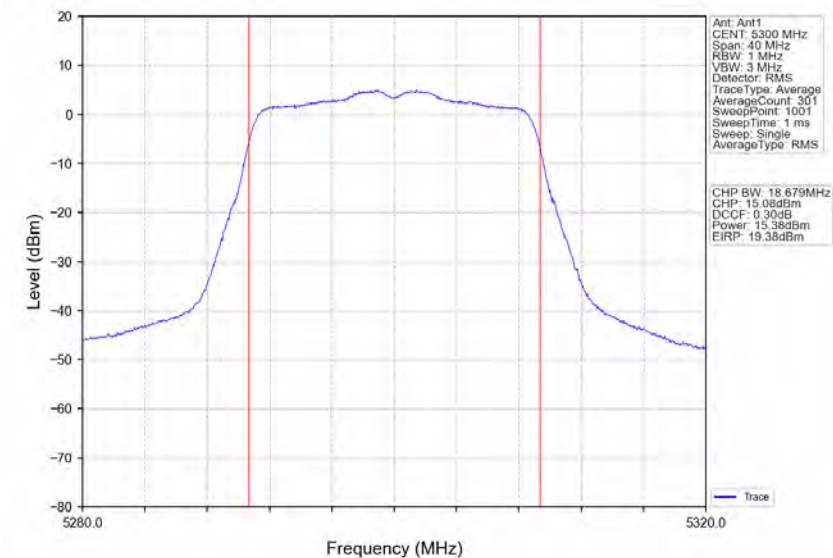
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



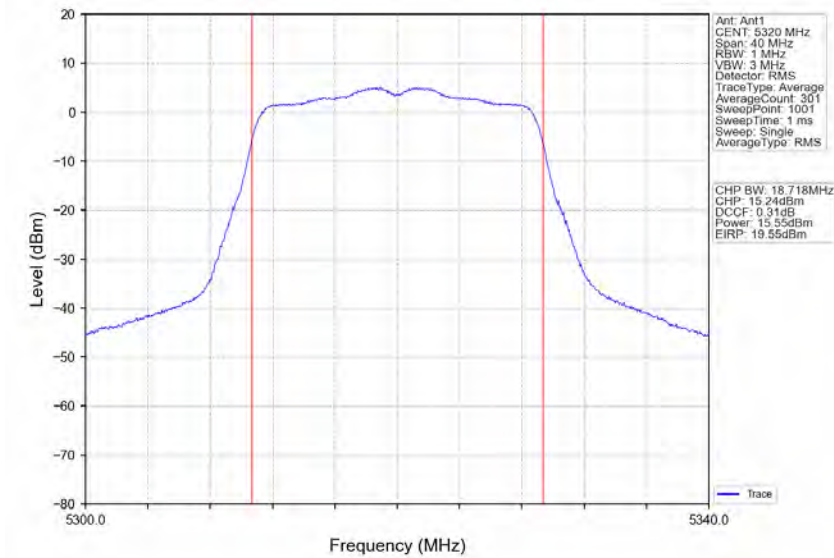
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



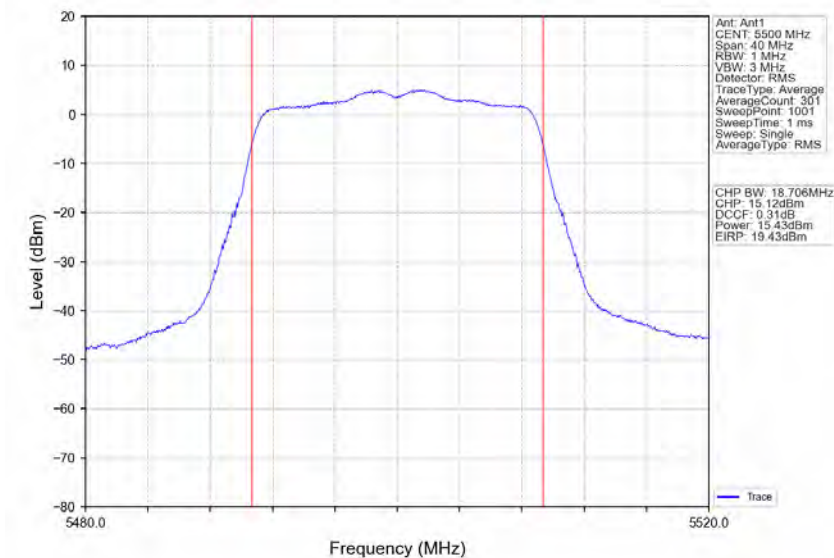
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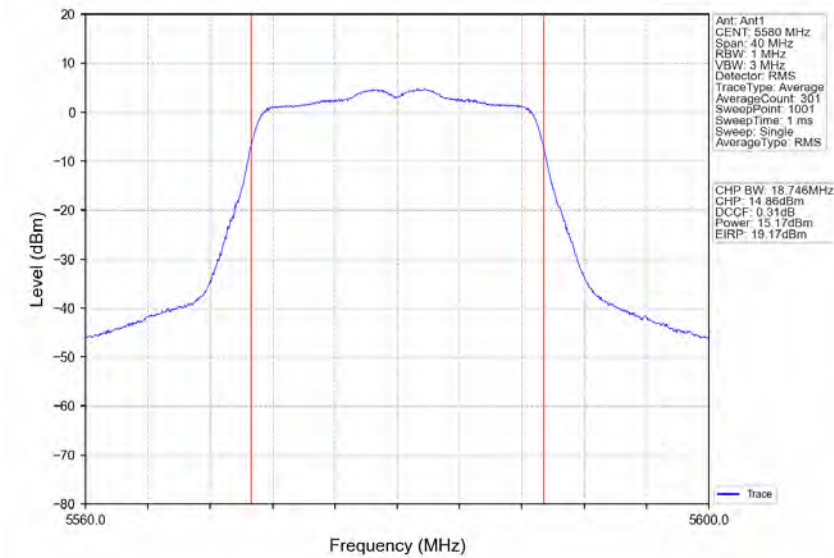
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



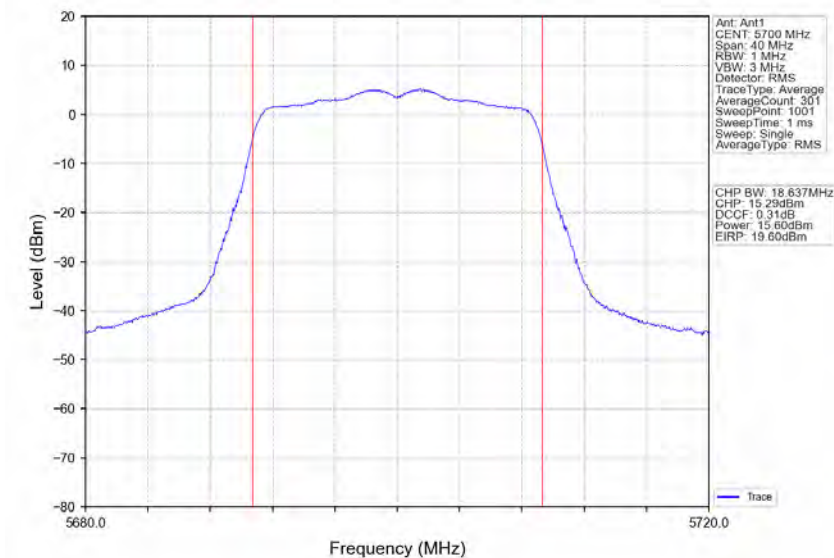
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



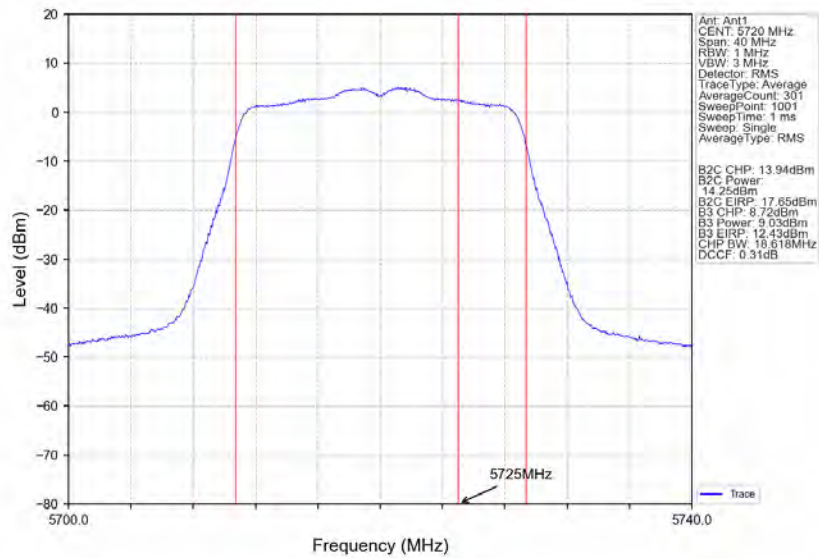
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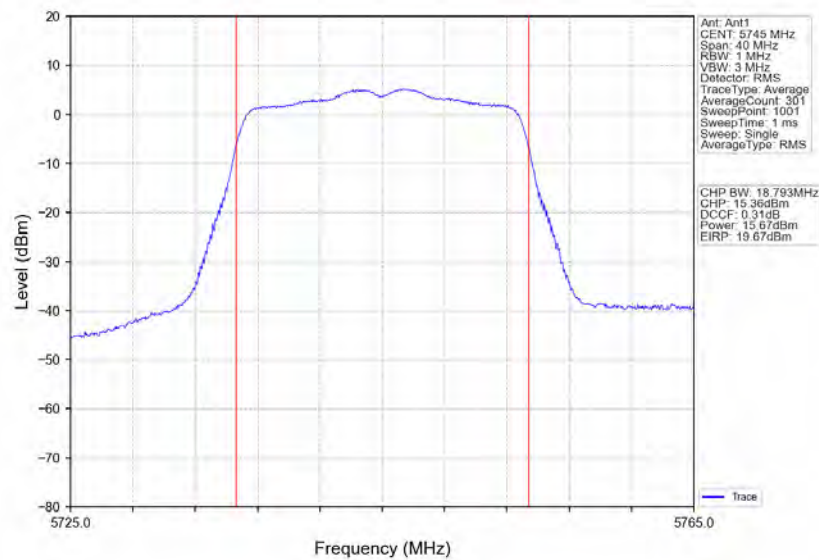
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



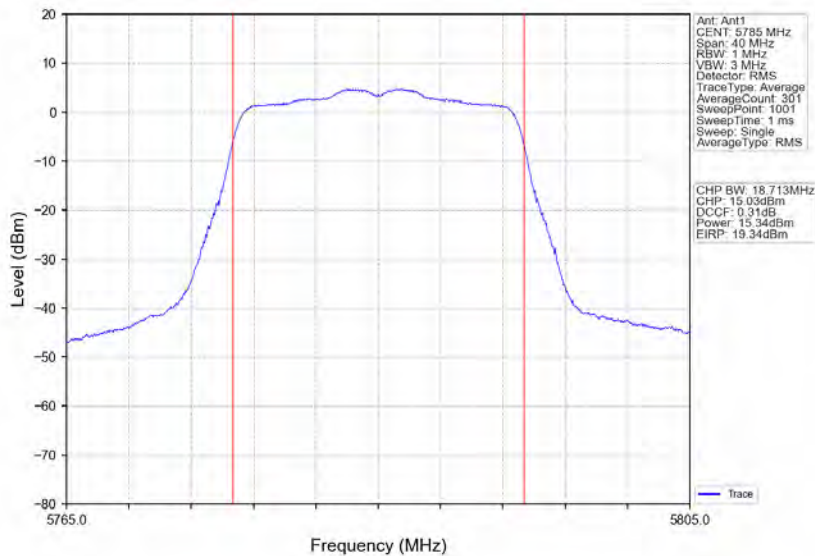
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

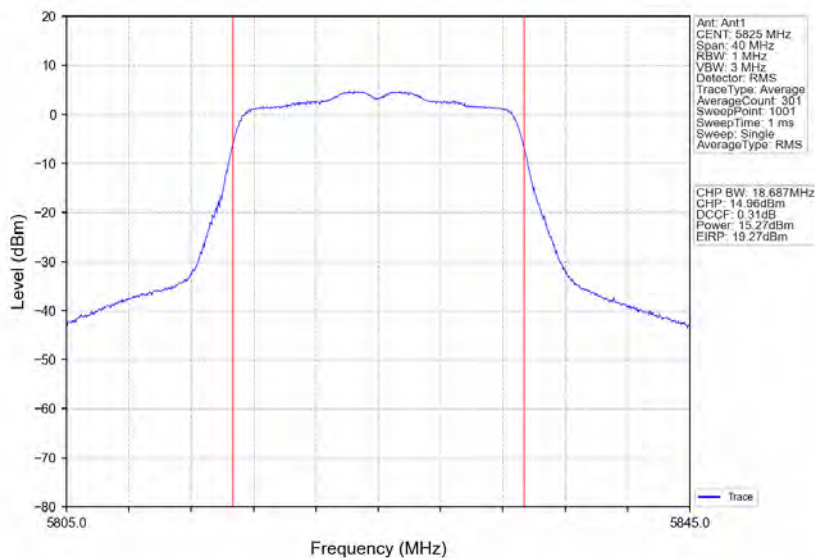
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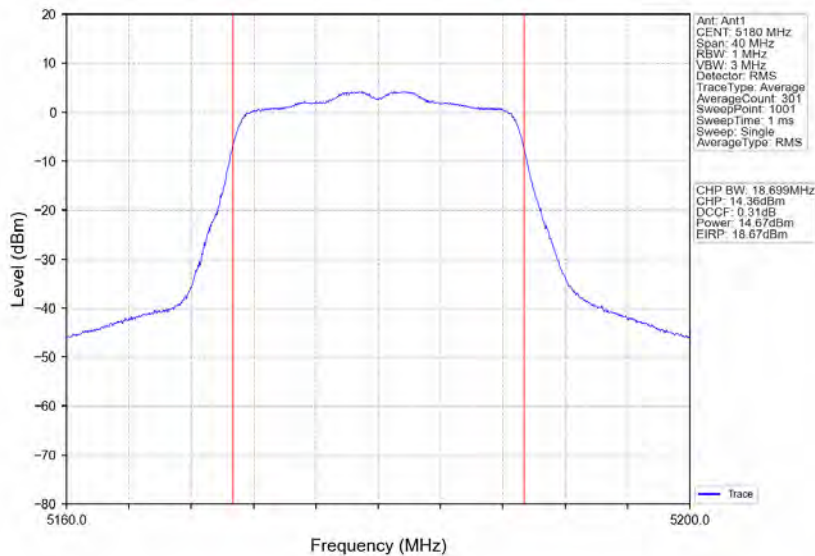
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

