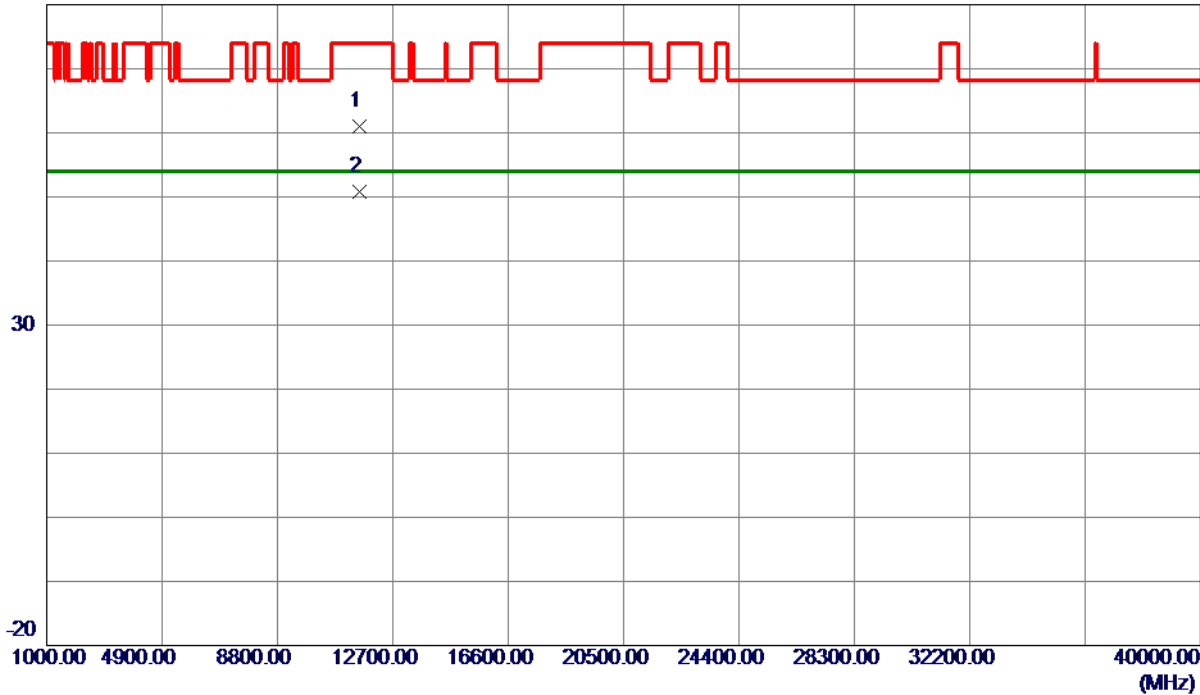


Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5795 MHz

## Vertical

80 dBuV/m



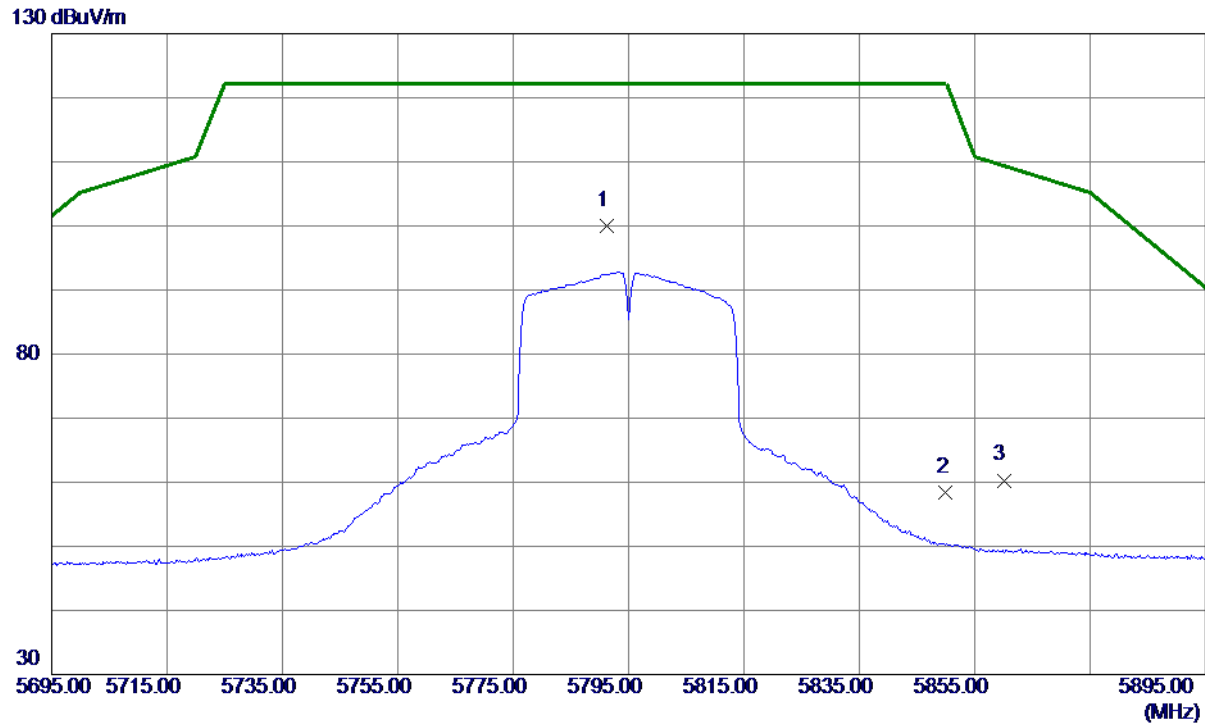
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11585.6000	41.47	19.45	60.92	74.00	-13.08	Peak	
2 *	11589.6500	31.32	19.43	50.75	54.00	-3.25	AVG	

### REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5795 MHz

## Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5791.2000	78.09	21.87	99.96	122.20	-22.24	Peak	No Limit
2	5850.0000	36.17	22.16	58.33	122.20	-63.87	Peak	
3	5860.0000	38.09	22.21	60.30	109.40	-49.10	Peak	

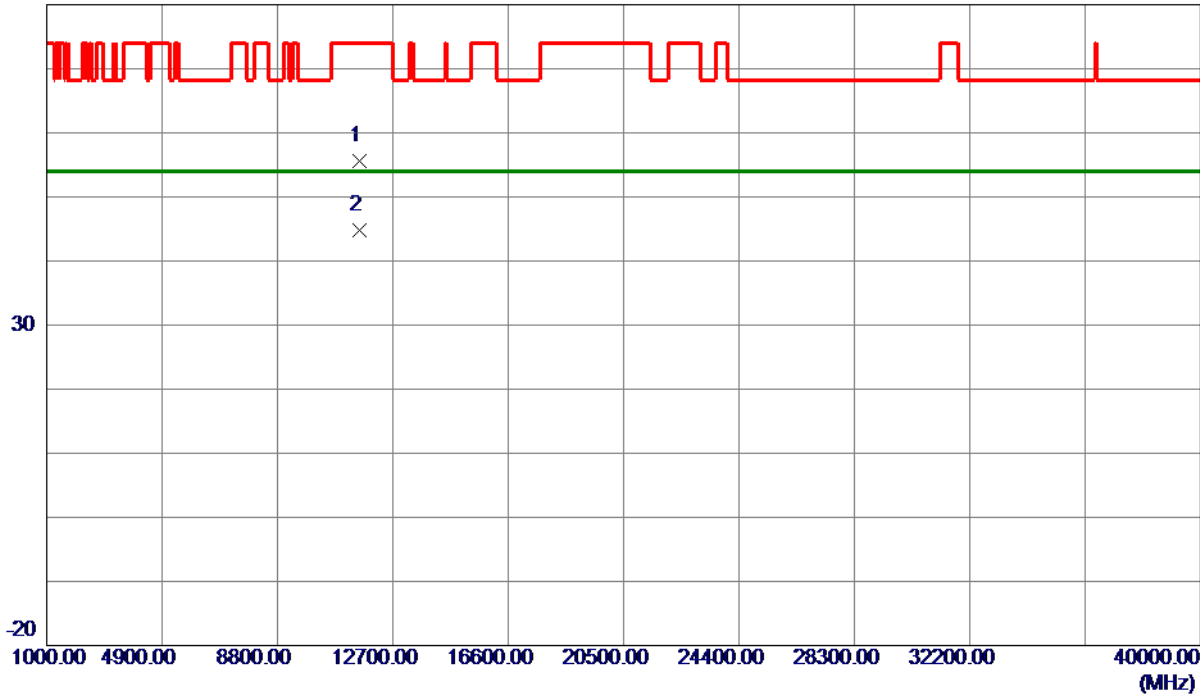
### REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.  
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5795 MHz

## Horizontal

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11588.6500	36.12	19.44	55.56	74.00	-18.44	Peak	
2 *	11589.9500	25.30	19.43	44.73	54.00	-9.27	AVG	

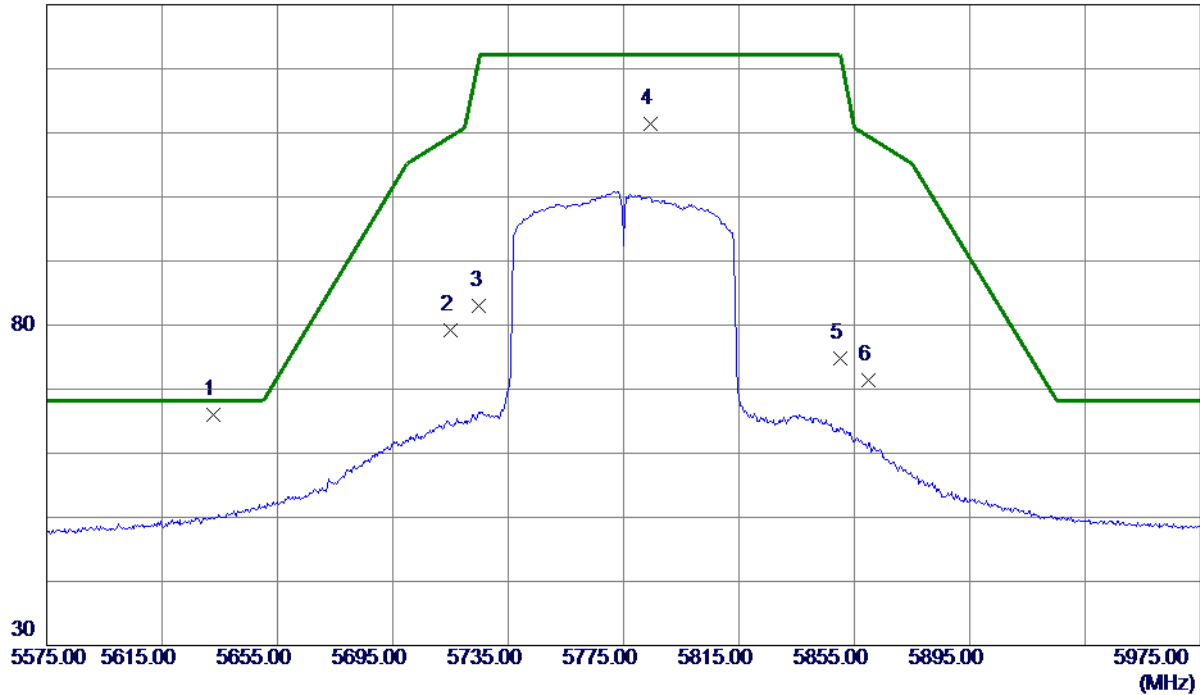
### REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT80) Mode 5775 MHz

## Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5632.6000	44.89	21.10	65.99	68.20	-2.21	Peak	
2	5715.0000	57.68	21.50	79.18	109.40	-30.22	Peak	
3	5725.0000	61.50	21.55	83.05	122.20	-39.15	Peak	
4	5784.2000	89.63	21.84	111.47	122.20	-10.73	Peak	No Limit
5	5850.0000	52.55	22.16	74.71	122.20	-47.49	Peak	
6	5860.0000	49.25	22.21	71.46	109.40	-37.94	Peak	

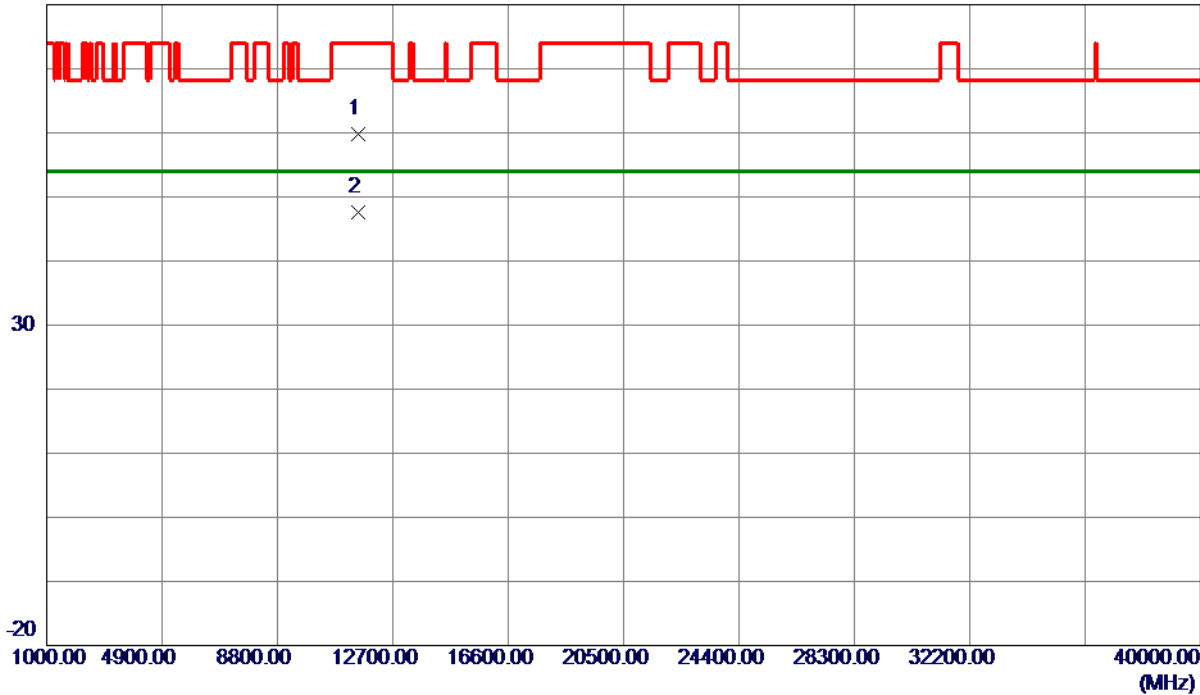
### REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.  
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT80) Mode 5775 MHz

## Vertical

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11538.4500	40.29	19.58	59.87	74.00	-14.13	Peak	
2 *	11546.3500	28.01	19.56	47.57	54.00	-6.43	AVG	

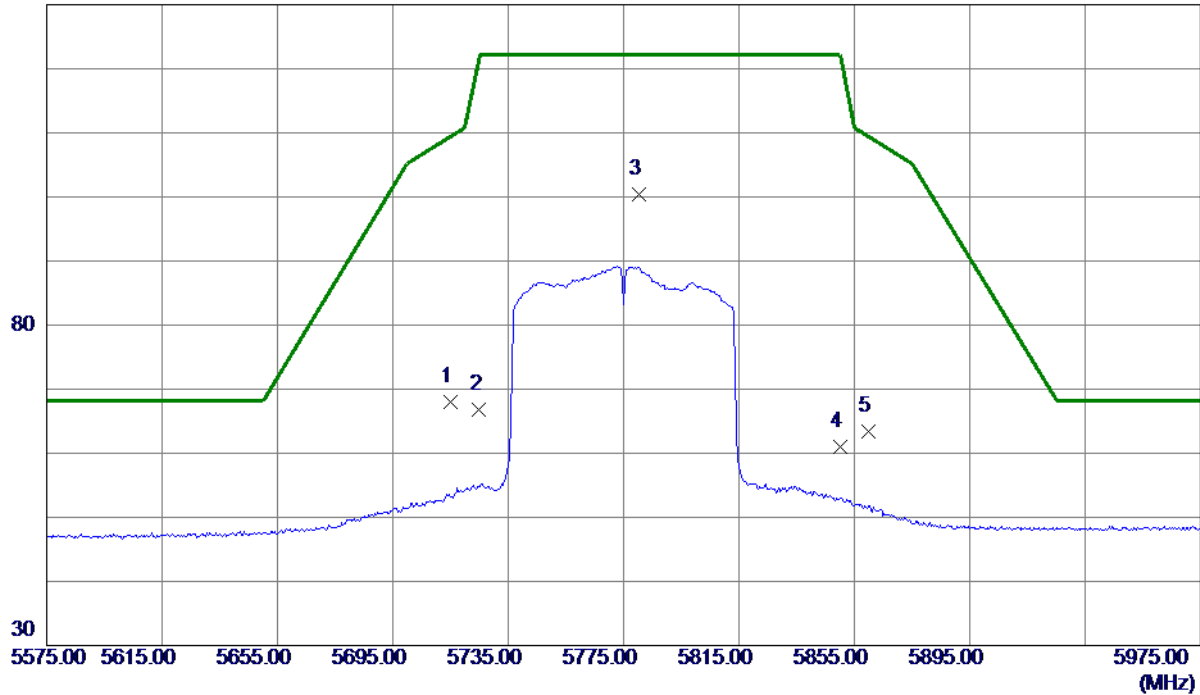
### REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT80) Mode 5775 MHz

## Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	46.46	21.50	67.96	109.40	-41.44	Peak	
2	5725.0000	45.29	21.55	66.84	122.20	-55.36	Peak	
3 *	5780.2000	78.65	21.82	100.47	122.20	-21.73	Peak	No Limit
4	5850.0000	38.76	22.16	60.92	122.20	-61.28	Peak	
5	5860.0000	41.19	22.21	63.40	109.40	-46.00	Peak	

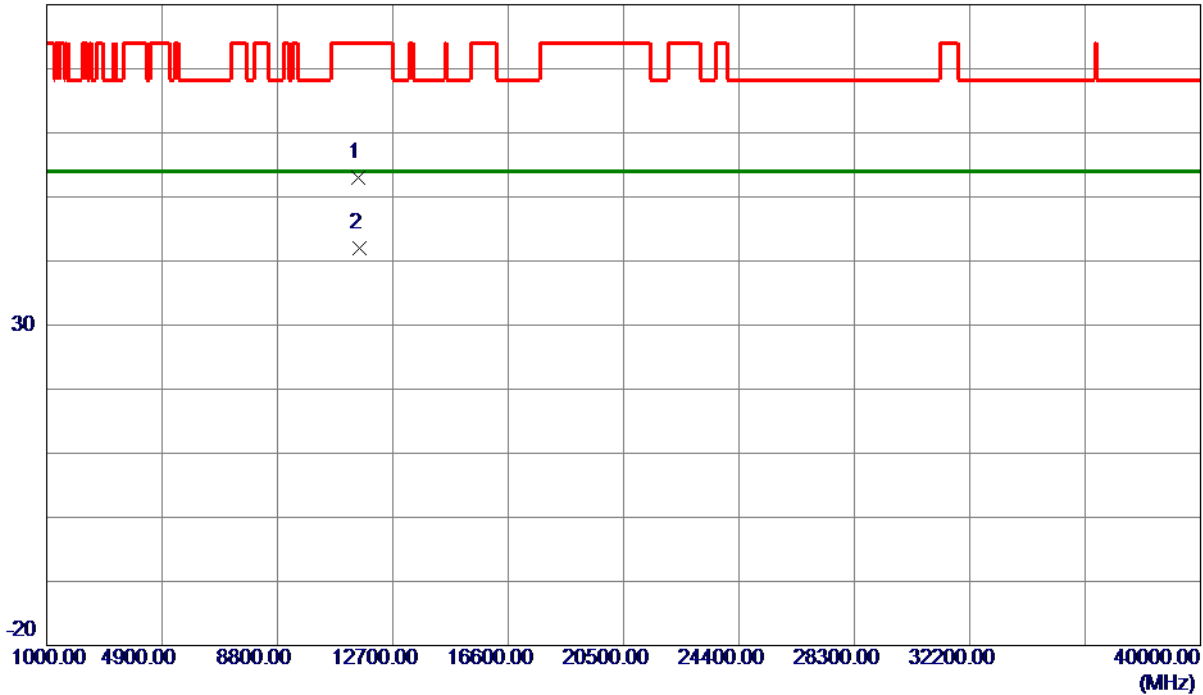
### REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.  
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT80) Mode 5775 MHz

## Horizontal

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11549.3600	33.46	19.55	53.01	74.00	-20.99	Peak	
2 *	11557.4200	22.55	19.52	42.07	54.00	-11.93	AVG	

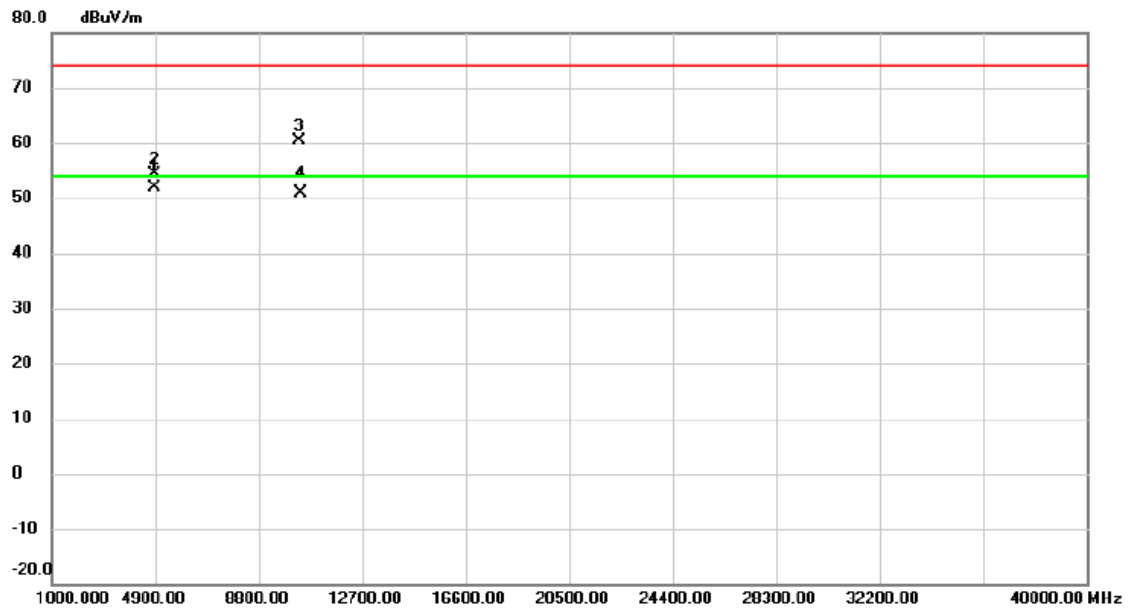
### REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

The worst case of simultaneous transmission:

Test Mode: TX B Mode 2437+AC 40 Mode 5180MHz

## Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4874.008	43.66	8.21	51.87	54.00	-2.13	AVG	
2		4874.110	46.24	8.21	54.45	74.00	-19.55	peak	
3		10359.230	40.33	19.95	60.28	74.00	-13.72	peak	
4		10360.070	30.88	19.96	50.84	54.00	-3.16	AVG	

## REMARKS:

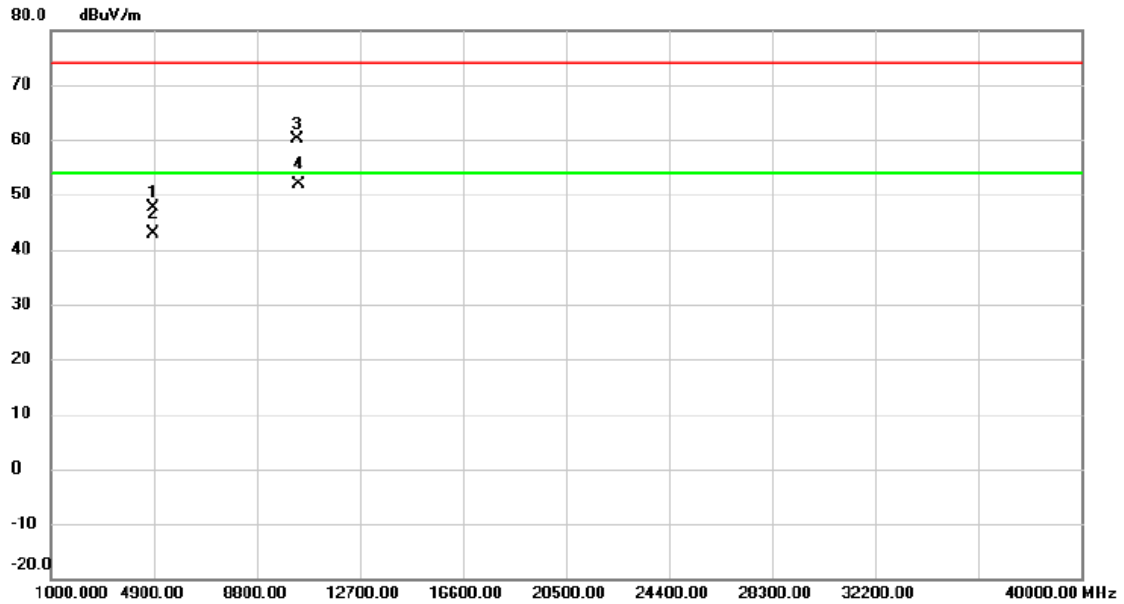
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX B Mode 2437+A Mode 5180MHz

## Horizontal



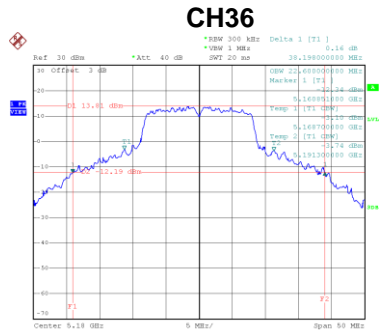
### REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

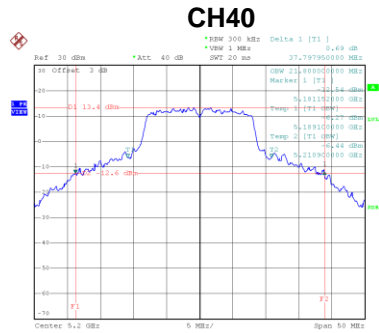
## **APPENDIX E - BANDWIDTH**

Test Mode	UNII-1_TX A Mode_Ant.3
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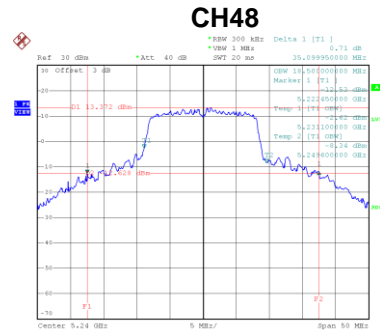
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	38.20	22.60
40	5200	37.80	21.80
48	5240	35.10	18.50



Date: 13.FEB.2020 13:03:05



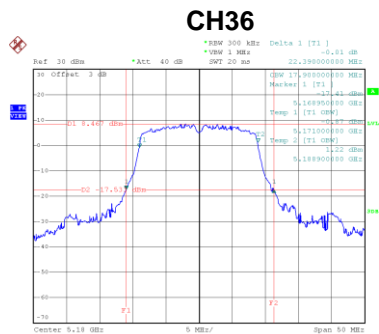
Date: 13.FEB.2020 13:03:41



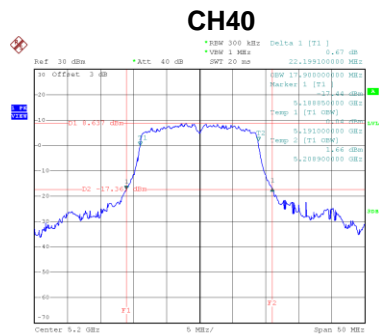
Date: 13.FEB.2020 13:15:10

Test Mode	UNII-1_TX N (HT20) Mode_Ant.3
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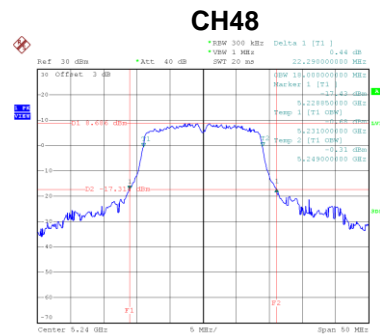
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	22.39	17.90
40	5200	22.20	17.90
48	5240	22.29	18.00



Date: 13.FEB.2020 13:14:29



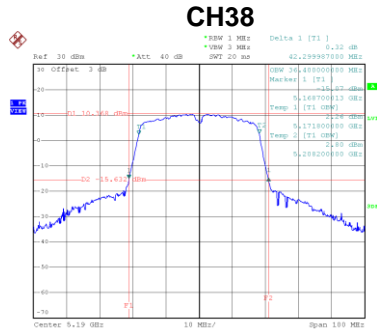
Date: 13.FEB.2020 13:15:35



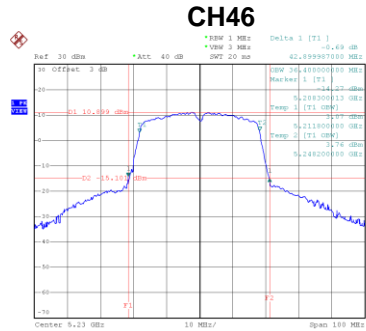
Date: 13.FEB.2020 13:16:39

Test Mode	UNII-1_TX N (HT40) Mode_Ant.3
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	42.30	36.40
46	5230	42.90	36.40



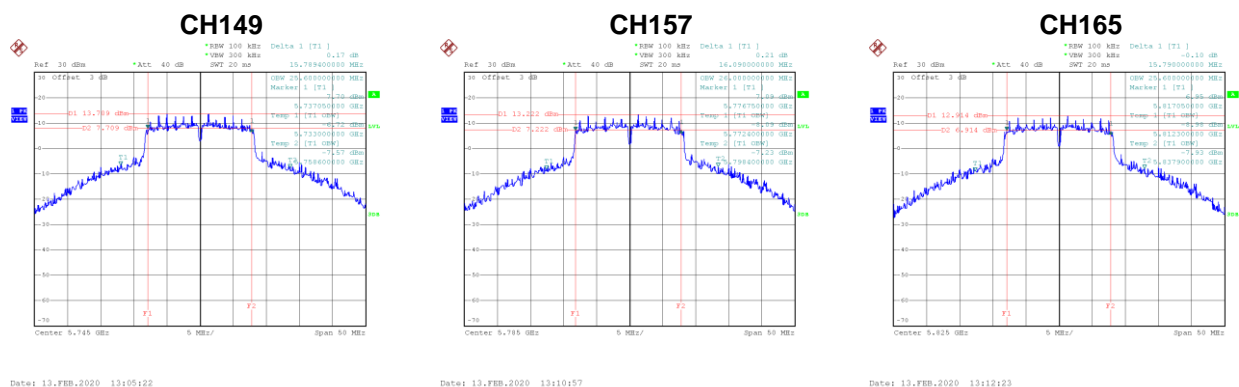
Date: 13.FEB.2020 13:32:14



Date: 13.FEB.2020 13:33:26

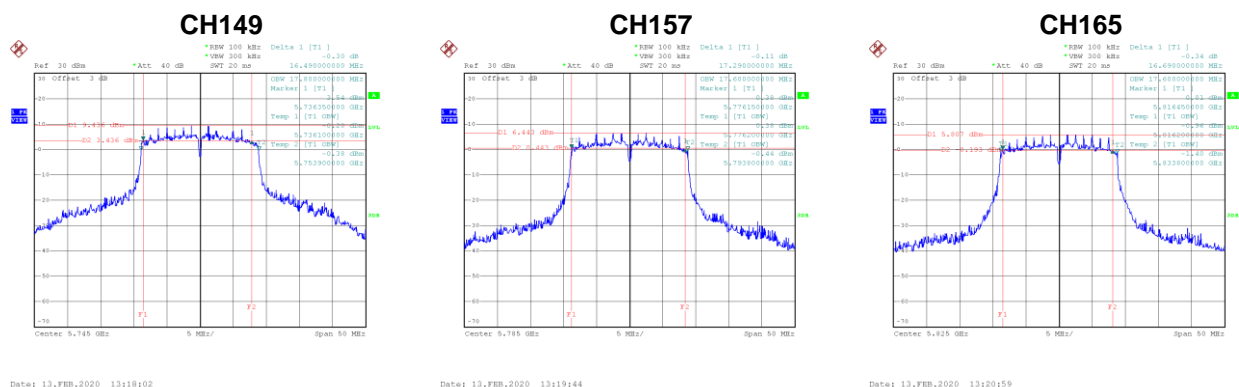
Test Mode	UNII-3_TX A Mode_Ant.3
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	15.79	25.60	500	Complies
157	5785	16.09	26.00	500	Complies
165	5825	15.79	25.60	500	Complies



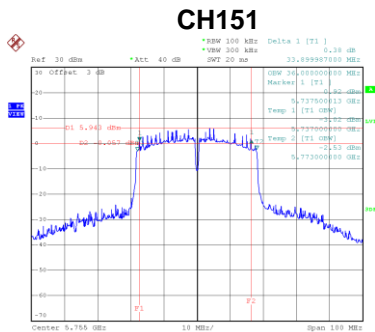
Test Mode	UNII-3_TX N (HT20) Mode_Ant.3
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.49	17.80	500	Complies
157	5785	17.29	17.60	500	Complies
165	5825	16.69	17.60	500	Complies

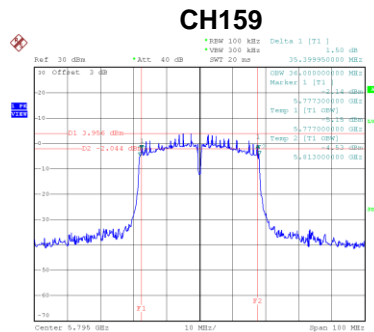


Test Mode	UNII-3_TX N (HT40) Mode_Ant.3
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	33.90	36.00	500	Complies
159	5795	35.40	36.00	500	Complies



Date: 13.FEB.2020 13:34:41



Date: 13.FEB.2020 13:36:35

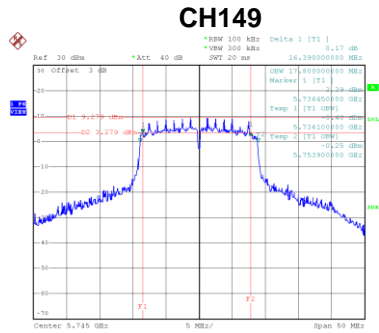




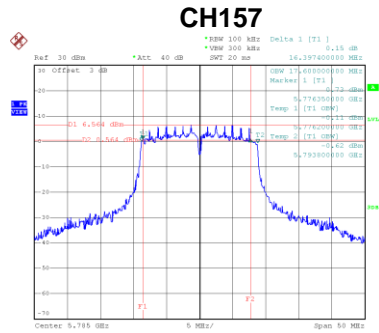


Test Mode	UNII-3_TX AC (VHT20) Mode_Ant.3
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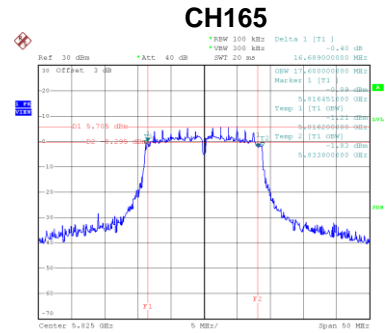
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.39	17.80	500	Complies
157	5785	16.40	17.60	500	Complies
165	5825	16.69	17.60	500	Complies



Date: 13.FEB.2020 13:27:29



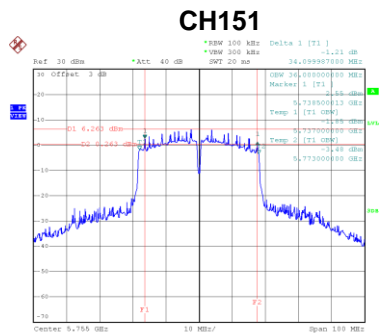
Date: 13.FEB.2020 13:29:27



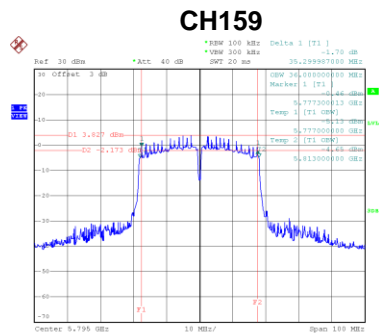
Date: 13.FEB.2020 13:30:35

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant.3
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	34.10	36.00	500	Complies
159	5795	35.30	36.00	500	Complies



Date: 13.FEB.2020 13:40:20

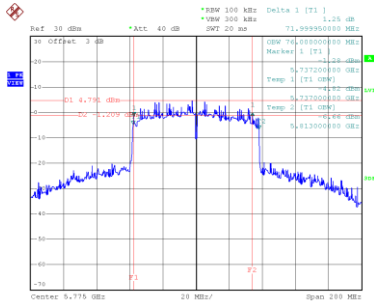


Date: 13.FEB.2020 13:42:37

Test Mode	UNII-3_TX AC (VHT80) _Ant.3
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	72.00	76.00	500	Complies

## CH155



Date: 13.FEB.2020 13:45:16

## **APPENDIX F - CONDUCTED OUTPUT POWER**

### Non-Beamforming

Test Mode	UNII-1_TX A Mode_Ant.3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	22.14	0.34	22.48	30.00	1.00	Complies
40	5200	21.98	0.34	22.32	30.00	1.00	Complies
48	5240	21.43	0.34	21.77	30.00	1.00	Complies

Test Mode	UNII-3_TX A Mode_Ant.3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.62	0.34	21.96	30.00	1.00	Complies
157	5785	21.19	0.34	21.53	30.00	1.00	Complies
165	5825	20.35	0.34	20.69	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.53	0.73	13.26	30.00	1.00	Complies
40	5200	14.01	0.73	14.74	30.00	1.00	Complies
48	5240	16.11	0.73	16.84	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	11.74	0.73	12.47	30.00	1.00	Complies
40	5200	13.11	0.73	13.84	30.00	1.00	Complies
48	5240	15.41	0.73	16.14	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.61	0.73	13.34	30.00	1.00	Complies
40	5200	12.54	0.73	13.27	30.00	1.00	Complies
48	5240	14.73	0.73	15.46	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.82	0.73	13.55	30.00	1.00	Complies
40	5200	14.33	0.73	15.06	30.00	1.00	Complies
48	5240	15.52	0.73	16.25	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.19	30.00	1.00	Complies
40	5200	20.30	30.00	1.00	Complies
48	5240	22.22	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 1
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.97	1.14	17.11	30.00	1.00	Complies
46	5230	16.89	1.14	18.03	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 2
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.76	1.14	16.90	30.00	1.00	Complies
46	5230	16.32	1.14	17.46	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 3
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.10	1.14	17.24	30.00	1.00	Complies
46	5230	16.74	1.14	17.88	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 4
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.17	1.14	17.31	30.00	1.00	Complies
46	5230	17.01	1.14	18.15	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Total
-----------	-------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	23.16	30.00	1.00	Complies
46	5230	23.91	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.46	0.73	19.19	30.00	1.00	Complies
157	5785	17.12	0.73	17.85	30.00	1.00	Complies
165	5825	15.79	0.73	16.52	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.45	0.73	19.18	30.00	1.00	Complies
157	5785	17.10	0.73	17.83	30.00	1.00	Complies
165	5825	15.72	0.73	16.45	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 3
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.60	0.73	19.33	30.00	1.00	Complies
157	5785	17.04	0.73	17.77	30.00	1.00	Complies
165	5825	15.88	0.73	16.61	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.88	0.73	19.61	30.00	1.00	Complies
157	5785	17.11	0.73	17.84	30.00	1.00	Complies
165	5825	16.16	0.73	16.89	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Total
-----------	-------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.35	30.00	1.00	Complies
157	5785	23.84	30.00	1.00	Complies
165	5825	22.64	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.23	1.14	18.37	30.00	1.00	Complies
159	5795	15.59	1.14	16.73	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2
-----------	--------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.16	1.14	18.30	30.00	1.00	Complies
159	5795	15.51	1.14	16.65	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.16	1.14	18.30	30.00	1.00	Complies
159	5795	15.32	1.14	16.46	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.38	1.14	18.52	30.00	1.00	Complies
159	5795	15.36	1.14	16.50	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.39	30.00	1.00	Complies
159	5795	22.61	30.00	1.00	Complies



Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.74	0.55	13.29	30.00	1.00	Complies
40	5200	14.26	0.55	14.81	30.00	1.00	Complies
48	5240	16.44	0.55	16.99	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	11.89	0.55	12.44	30.00	1.00	Complies
40	5200	13.27	0.55	13.82	30.00	1.00	Complies
48	5240	15.64	0.55	16.19	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.78	0.55	13.33	30.00	1.00	Complies
40	5200	12.89	0.55	13.44	30.00	1.00	Complies
48	5240	14.91	0.55	15.46	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	13.02	0.55	13.57	30.00	1.00	Complies
40	5200	14.66	0.55	15.21	30.00	1.00	Complies
48	5240	15.81	0.55	16.36	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.20	30.00	1.00	Complies
40	5200	20.40	30.00	1.00	Complies
48	5240	22.31	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.13	1.02	17.15	30.00	1.00	Complies
46	5230	17.12	1.02	18.14	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.89	1.02	16.91	30.00	1.00	Complies
46	5230	16.45	1.02	17.47	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.23	1.02	17.25	30.00	1.00	Complies
46	5230	16.87	1.02	17.89	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.30	1.02	17.32	30.00	1.00	Complies
46	5230	17.14	1.02	18.16	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	23.18	30.00	1.00	Complies
46	5230	23.95	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	13.24	1.99	15.23	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	13.47	1.99	15.46	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	14.11	1.99	16.10	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	13.84	1.99	15.83	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	21.69	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.81	0.55	19.36	30.00	1.00	Complies
157	5785	17.35	0.55	17.90	30.00	1.00	Complies
165	5825	16.07	0.55	16.62	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.78	0.55	19.33	30.00	1.00	Complies
157	5785	17.32	0.55	17.87	30.00	1.00	Complies
165	5825	15.94	0.55	16.49	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.95	0.55	19.50	30.00	1.00	Complies
157	5785	17.25	0.55	17.80	30.00	1.00	Complies
165	5825	16.11	0.55	16.66	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	19.07	0.55	19.62	30.00	1.00	Complies
157	5785	17.36	0.55	17.91	30.00	1.00	Complies
165	5825	16.47	0.55	17.02	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.48	30.00	1.00	Complies
157	5785	23.89	30.00	1.00	Complies
165	5825	22.73	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.36	1.02	18.38	30.00	1.00	Complies
159	5795	15.72	1.02	16.74	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.29	1.02	18.31	30.00	1.00	Complies
159	5795	15.64	1.02	16.66	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.56	1.02	18.58	30.00	1.00	Complies
159	5795	15.61	1.02	16.63	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.51	1.02	18.53	30.00	1.00	Complies
159	5795	15.49	1.02	16.51	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.47	30.00	1.00	Complies
159	5795	22.66	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	17.27	1.99	19.26	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	16.42	1.99	18.41	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	16.84	1.99	18.83	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	17.16	1.99	19.15	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	24.94	30.00	1.00	Complies

### Beamforming

Test Mode UNII-1\_TX N (HT20) Mode\_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.32	0.73	13.05	30.00	1.00	Complies
40	5200	13.94	0.73	14.67	30.00	1.00	Complies
48	5240	16.02	0.73	16.75	30.00	1.00	Complies

Test Mode UNII-1\_TX N (HT20) Mode\_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	11.47	0.73	12.20	30.00	1.00	Complies
40	5200	12.95	0.73	13.68	30.00	1.00	Complies
48	5240	15.22	0.73	15.95	30.00	1.00	Complies

Test Mode UNII-1\_TX N (HT20) Mode\_Ant. 3

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.36	0.73	13.09	30.00	1.00	Complies
40	5200	12.57	0.73	13.30	30.00	1.00	Complies
48	5240	14.59	0.73	15.32	30.00	1.00	Complies

Test Mode UNII-1\_TX N (HT20) Mode\_Ant. 4

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.70	0.73	13.43	30.00	1.00	Complies
40	5200	14.34	0.73	15.07	30.00	1.00	Complies
48	5240	15.29	0.73	16.02	30.00	1.00	Complies

Test Mode UNII-1\_TX N (HT20) Mode\_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	18.98	25.00	0.32	Complies
40	5200	20.26	25.00	0.32	Complies
48	5240	22.06	25.00	0.32	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.81	1.14	16.95	30.00	1.00	Complies
46	5230	16.80	1.14	17.94	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.57	1.14	16.71	30.00	1.00	Complies
46	5230	16.13	1.14	17.27	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.91	1.14	17.05	30.00	1.00	Complies
46	5230	16.55	1.14	17.69	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.98	1.14	17.12	30.00	1.00	Complies
46	5230	16.82	1.14	17.96	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	22.98	25.00	0.32	Complies
46	5230	23.74	25.00	0.32	Complies



Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.01	0.73	18.74	30.00	1.00	Complies
157	5785	16.73	0.73	17.46	30.00	1.00	Complies
165	5825	15.65	0.73	16.38	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.04	0.73	18.77	30.00	1.00	Complies
157	5785	16.50	0.73	17.23	30.00	1.00	Complies
165	5825	15.52	0.73	16.25	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	17.99	0.73	18.72	30.00	1.00	Complies
157	5785	16.63	0.73	17.36	30.00	1.00	Complies
165	5825	15.69	0.73	16.42	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	17.98	0.73	18.71	30.00	1.00	Complies
157	5785	17.54	0.73	18.27	30.00	1.00	Complies
165	5825	16.15	0.73	16.88	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.75	25.00	0.32	Complies
157	5785	23.62	25.00	0.32	Complies
165	5825	22.51	25.00	0.32	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.04	1.14	18.18	30.00	1.00	Complies
159	5795	15.40	1.14	16.54	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	16.97	1.14	18.11	30.00	1.00	Complies
159	5795	15.32	1.14	16.46	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.24	1.14	18.38	30.00	1.00	Complies
159	5795	15.29	1.14	16.43	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.19	1.14	18.33	30.00	1.00	Complies
159	5795	15.17	1.14	16.31	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.27	25.00	0.32	Complies
159	5795	22.46	25.00	0.32	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.58	0.55	13.13	30.00	1.00	Complies
40	5200	14.17	0.55	14.72	30.00	1.00	Complies
48	5240	16.25	0.55	16.80	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	11.73	0.55	12.28	30.00	1.00	Complies
40	5200	13.18	0.55	13.73	30.00	1.00	Complies
48	5240	15.45	0.55	16.00	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 3
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.59	0.55	13.14	30.00	1.00	Complies
40	5200	12.75	0.55	13.30	30.00	1.00	Complies
48	5240	14.72	0.55	15.27	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 4
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.87	0.55	13.42	30.00	1.00	Complies
40	5200	14.48	0.55	15.03	30.00	1.00	Complies
48	5240	15.62	0.55	16.17	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.04	25.00	0.32	Complies
40	5200	20.28	25.00	0.32	Complies
48	5240	22.12	25.00	0.32	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.99	1.02	17.01	30.00	1.00	Complies
46	5230	16.97	1.02	17.99	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.76	1.02	16.78	30.00	1.00	Complies
46	5230	16.23	1.02	17.25	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 3
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.14	1.02	17.16	30.00	1.00	Complies
46	5230	16.68	1.02	17.70	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 4
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.12	1.02	17.14	30.00	1.00	Complies
46	5230	16.96	1.02	17.98	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	23.05	25.00	0.32	Complies
46	5230	23.76	25.00	0.32	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	13.25	1.99	15.24	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	13.28	1.99	15.27	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 3
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	13.82	1.99	15.81	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 4
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	13.75	1.99	15.74	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	21.54	25.00	0.32	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.12	0.55	18.67	30.00	1.00	Complies
157	5785	17.19	0.55	17.74	30.00	1.00	Complies
165	5825	15.88	0.55	16.43	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.09	0.55	18.64	30.00	1.00	Complies
157	5785	17.17	0.55	17.72	30.00	1.00	Complies
165	5825	15.75	0.55	16.30	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 3
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.26	0.55	18.81	30.00	1.00	Complies
157	5785	17.16	0.55	17.71	30.00	1.00	Complies
165	5825	15.92	0.55	16.47	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 4
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.38	0.55	18.93	30.00	1.00	Complies
157	5785	17.18	0.55	17.73	30.00	1.00	Complies
165	5825	16.28	0.55	16.83	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.79	25.00	0.32	Complies
157	5785	23.75	25.00	0.32	Complies
165	5825	22.54	25.00	0.32	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.27	1.02	18.29	30.00	1.00	Complies
159	5795	15.63	1.02	16.65	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.19	1.02	18.21	30.00	1.00	Complies
159	5795	15.55	1.02	16.57	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 3
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.47	1.02	18.49	30.00	1.00	Complies
159	5795	15.56	1.02	16.58	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 4
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	17.38	1.02	18.40	30.00	1.00	Complies
159	5795	15.37	1.02	16.39	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.37	25.00	0.32	Complies
159	5795	22.57	25.00	0.32	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	17.08	1.99	19.07	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	16.53	1.99	18.52	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 3
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	16.68	1.99	18.67	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 4
-----------	----------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	16.87	1.99	18.86	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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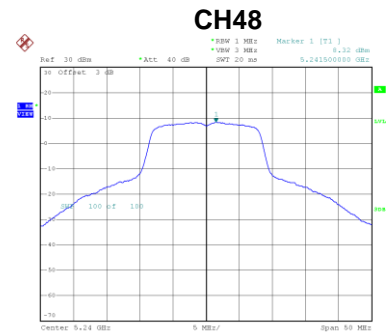
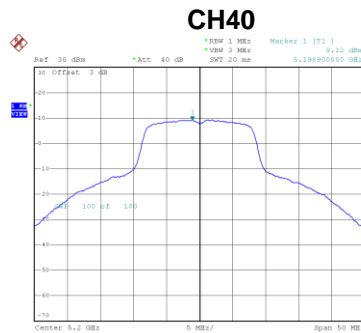
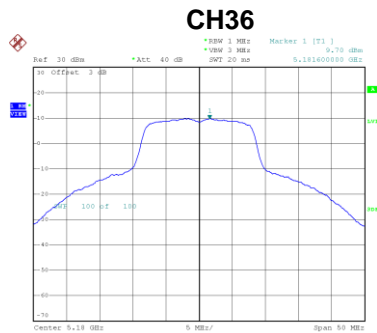
Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	24.80	25.00	0.32	Complies



## **APPENDIX G - POWER SPECTRAL DENSITY**

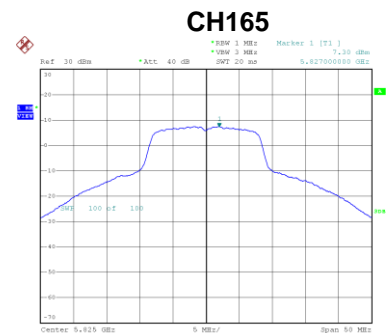
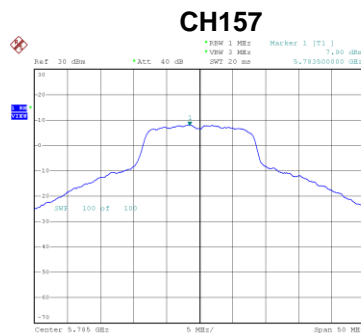
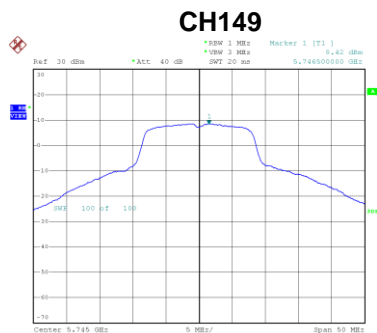
Test Mode	UNII-1_TX A Mode_Ant.3
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.70	0.34	10.04	17.00	Complies
40	5200	9.12	0.34	9.46	17.00	Complies
48	5240	8.32	0.34	8.66	17.00	Complies



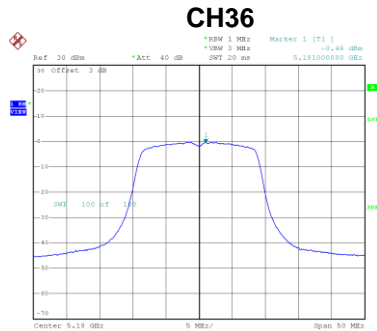
Test Mode	UNII-3_TX A Mode_Ant.3
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	8.42	0.34	8.76	30.00	Complies
157	5785	7.90	0.34	8.24	30.00	Complies
165	5825	7.30	0.34	7.64	30.00	Complies

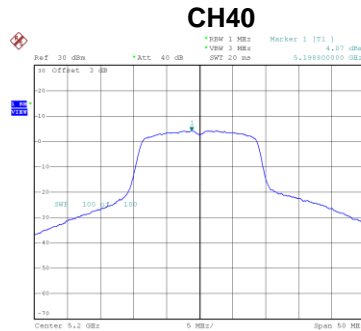


Test Mode UNII-1\_TX AC (VHT20) Mode\_Ant. 1

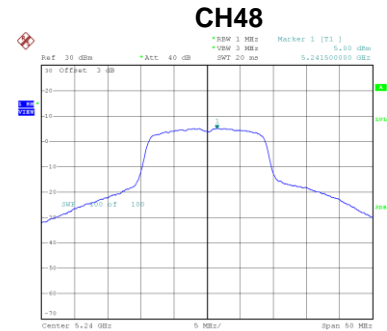
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	-0.46	0.55	0.09	17.00	Complies
40	5200	4.07	0.55	4.62	17.00	Complies
48	5240	5.00	0.55	5.55	17.00	Complies



Date: 13.FEB.2020 10:44:45



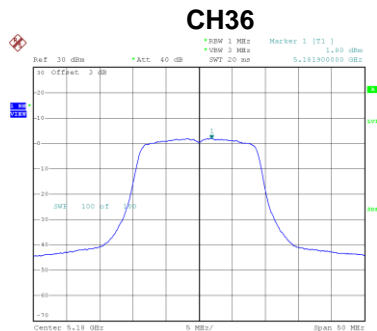
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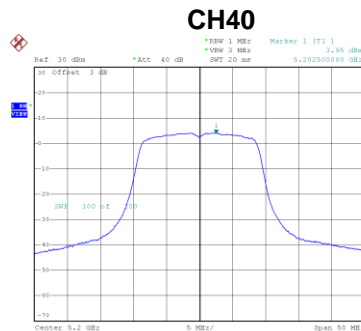
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Test Mode UNII-1\_TX AC (VHT20) Mode\_Ant. 2

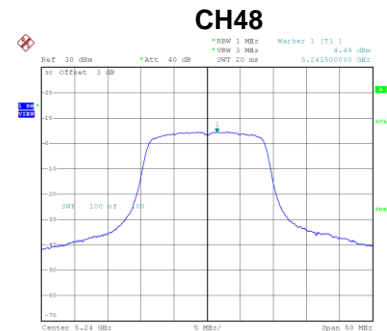
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	1.80	0.55	2.35	17.00	Complies
40	5200	3.95	0.55	4.50	17.00	Complies
48	5240	4.49	0.55	5.04	17.00	Complies



Date: 13.FEB.2020 10:38:19



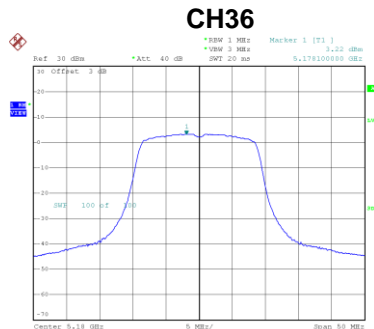
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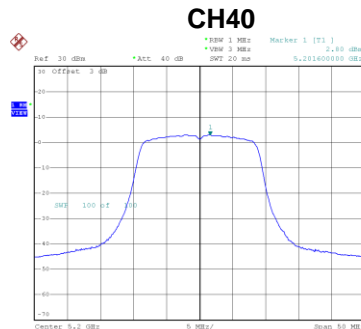
Date: 13.FEB.2020 10:38:59

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 3
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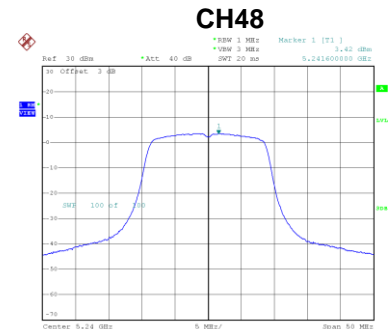
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	3.22	0.55	3.77	17.00	Complies
40	5200	2.80	0.55	3.35	17.00	Complies
48	5240	3.42	0.55	3.97	17.00	Complies



Date: 13.FEB.2020 10:31:15



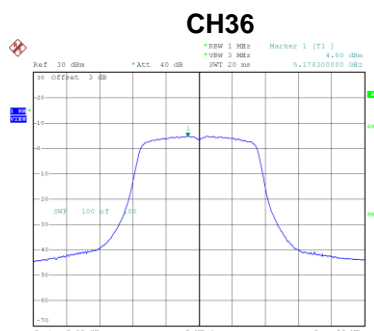
Date: 13.FEB.2020 10:31:18



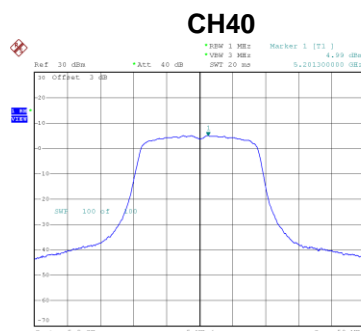
Date: 13.FEB.2020 10:32:06

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 4
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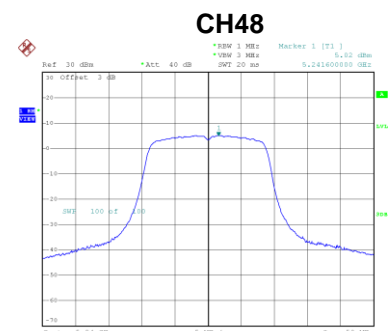
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	4.80	0.55	5.35	17.00	Complies
40	5200	4.99	0.55	5.54	17.00	Complies
48	5240	5.02	0.55	5.57	17.00	Complies



Date: 13.FEB.2020 10:21:06



Date: 13.FEB.2020 10:23:21



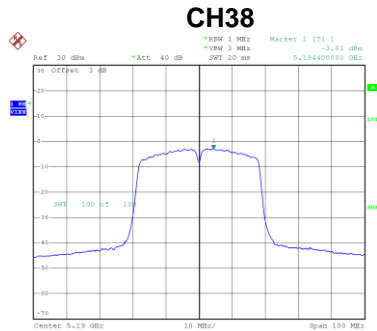
Date: 13.FEB.2020 10:25:06

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.32	11.98	Complies
40	5200	10.59	11.98	Complies
48	5240	11.10	11.98	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
-----------	----------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-3.01	1.02	-1.99	17.00	Complies
46	5230	2.23	1.02	3.25	17.00	Complies



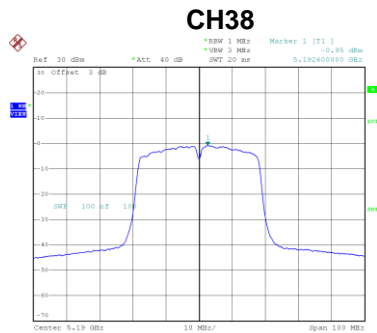
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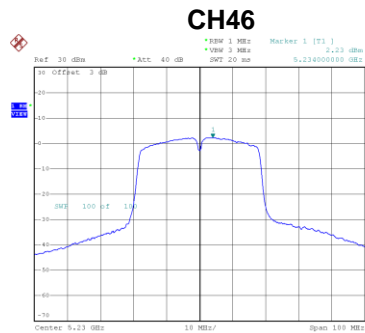
Date: 13.FEB.2020 10:52:22

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-0.95	1.02	0.07	17.00	Complies
46	5230	2.23	1.02	3.25	17.00	Complies



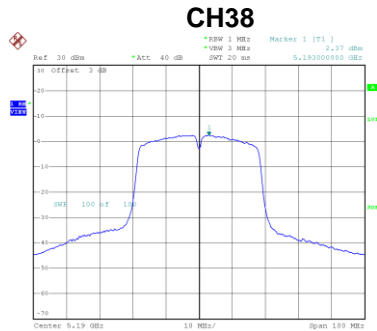
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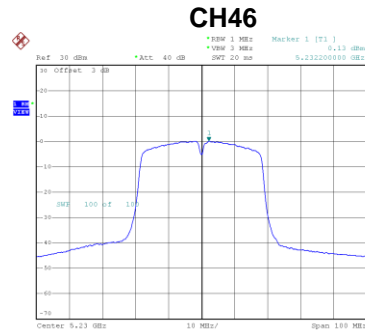
Date: 13.FEB.2020 10:41:18

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 3
-----------	----------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	2.37	1.02	3.39	17.00	Complies
46	5230	0.13	1.02	1.15	17.00	Complies



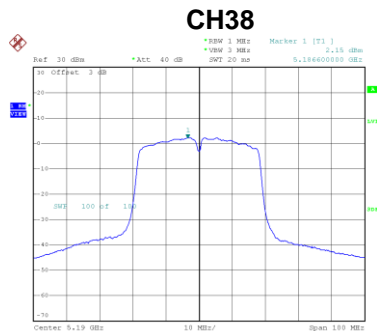
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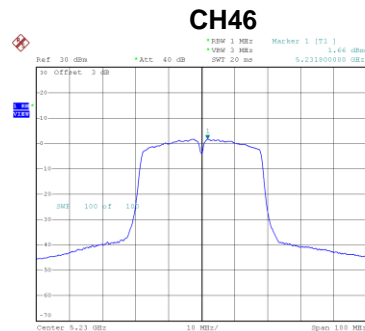
Date: 13.FEB.2020 10:34:04

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 4
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	2.15	1.02	3.17	17.00	Complies
46	5230	1.66	1.02	2.68	17.00	Complies



Date: 13.FEB.2020 12:57:43



Date: 13.FEB.2020 10:28:07

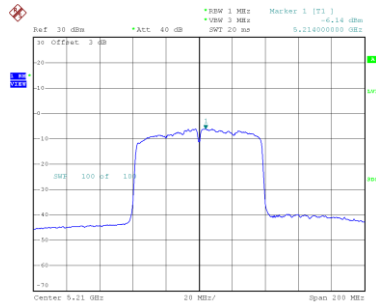
Test Mode	UNII-1_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.71	11.98	Complies
46	5230	8.68	11.98	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
-----------	----------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-6.14	1.99	-4.15	17.00	Complies

## CH42

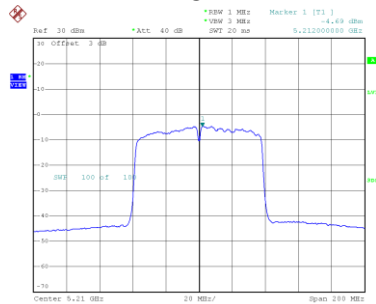


Date: 13.FEB.2020 10:54:27

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-4.69	1.99	-2.70	17.00	Complies

## CH42



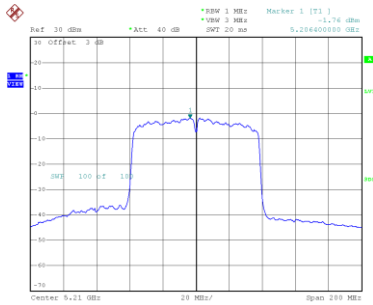
Date: 13.FEB.2020 10:59:01



Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 3
-----------	----------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-1.76	1.99	0.23	17.00	Complies

## CH42

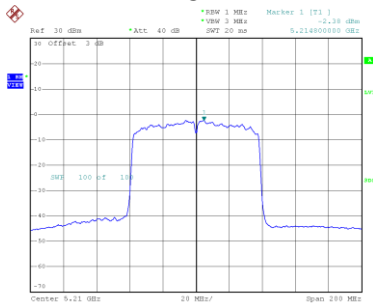


Date: 13.FEB.2020 12:55:25

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 4
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-2.38	1.99	-0.39	17.00	Complies

## CH42



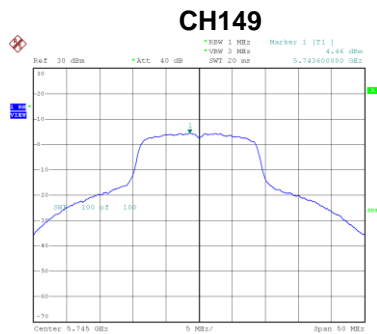
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Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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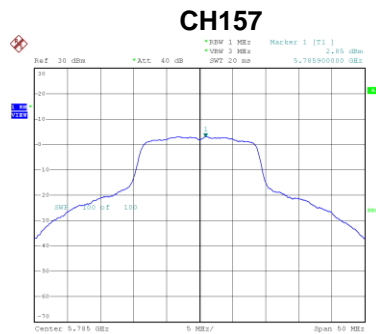
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	4.61	11.98	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1
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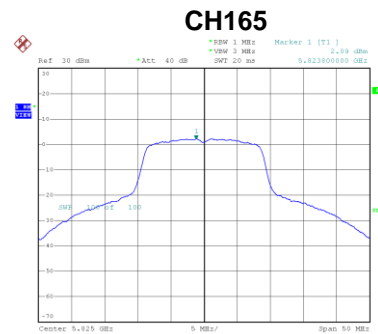
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.46	0.55	5.01	30.00	Complies
157	5785	2.85	0.55	3.40	30.00	Complies
165	5825	2.09	0.55	2.64	30.00	Complies



Date: 13.FEB.2020 10:46:54



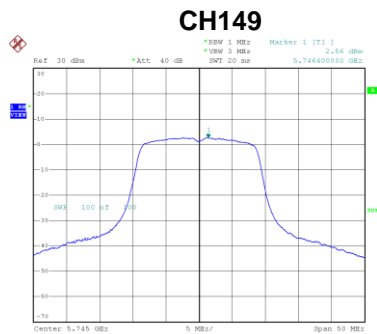
Date: 13.FEB.2020 10:47:30



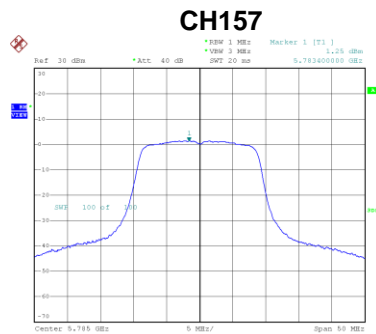
Date: 13.FEB.2020 10:47:47

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2
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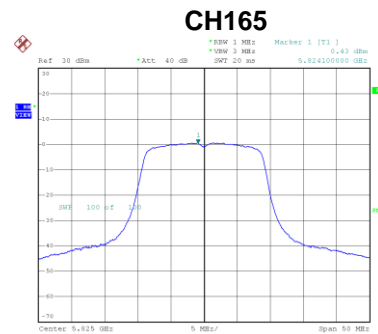
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	2.56	0.55	3.11	30.00	Complies
157	5785	1.25	0.55	1.80	30.00	Complies
165	5825	0.43	0.55	0.98	30.00	Complies



Date: 13.FEB.2020 10:39:33



Date: 13.FEB.2020 10:39:53



Date: 13.FEB.2020 10:40:16

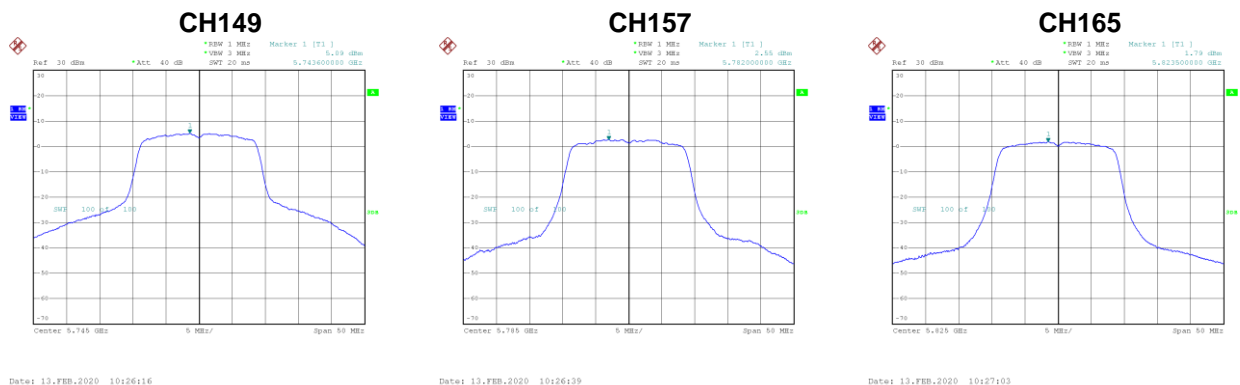
Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 3
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	3.25	0.55	3.80	30.00	Complies
157	5785	1.06	0.55	1.61	30.00	Complies
165	5825	-0.42	0.55	0.13	30.00	Complies



Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 4
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	5.09	0.55	5.64	30.00	Complies
157	5785	2.55	0.55	3.10	30.00	Complies
165	5825	1.79	0.55	2.34	30.00	Complies

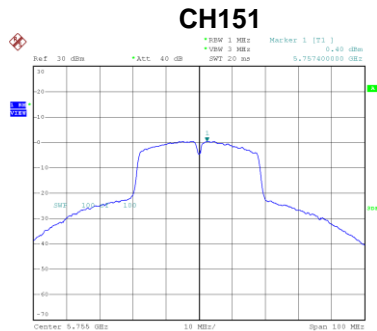


Test Mode	UNII-3_TX AC (VHT20) Mode_Total
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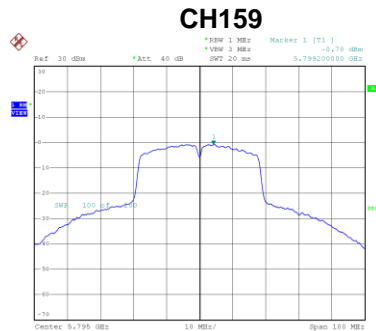
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.53	24.98	Complies
157	5785	8.57	24.98	Complies
165	5825	7.66	24.98	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	0.40	1.02	1.42	30.00	Complies
159	5795	-0.78	1.02	0.24	30.00	Complies



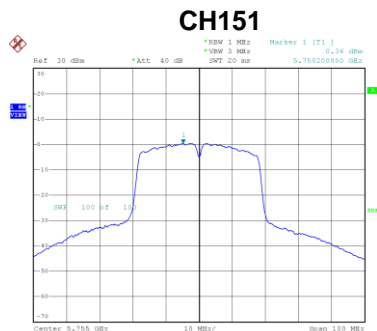
Date: 13.FEB.2020 10:52:46



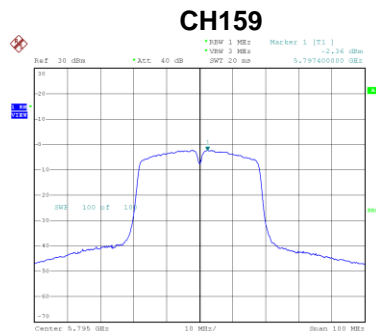
Date: 13.FEB.2020 10:53:21

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	0.36	1.02	1.38	30.00	Complies
159	5795	-2.36	1.02	-1.34	30.00	Complies



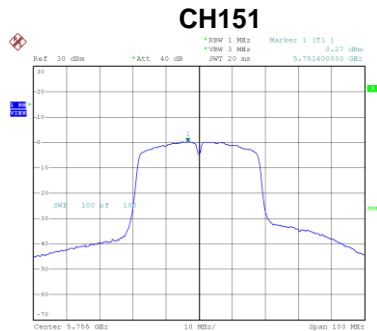
Date: 13.FEB.2020 10:41:42



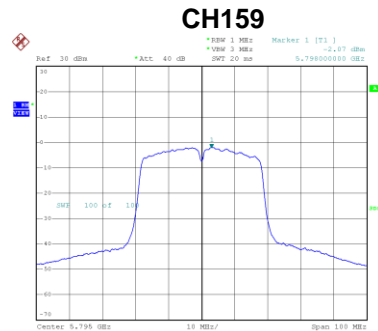
Date: 13.FEB.2020 10:42:07

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 3
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	0.27	1.02	1.29	30.00	Complies
159	5795	-2.07	1.02	-1.05	30.00	Complies



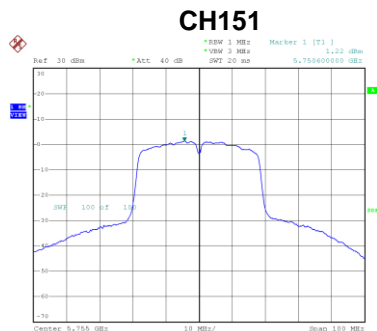
Date: 13.FEB.2020 10:35:09



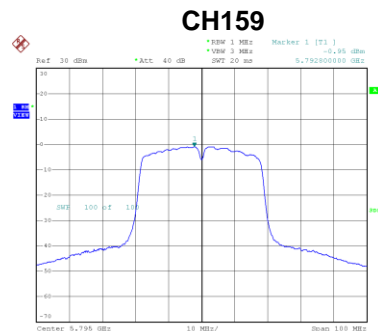
Date: 13.FEB.2020 10:35:14

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 4
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	1.22	1.02	2.24	30.00	Complies
159	5795	-0.95	1.02	0.07	30.00	Complies



Date: 13.FEB.2020 10:28:37



Date: 13.FEB.2020 10:29:01

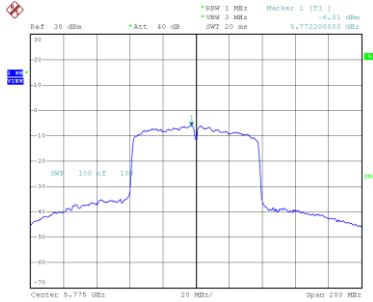
Test Mode	UNII-3_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	7.62	24.98	Complies
159	5795	5.56	24.98	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-6.01	1.99	-4.02	30.00	Complies

## CH155

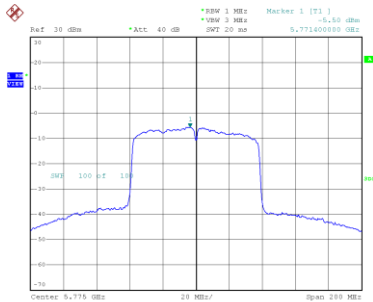


Date: 13.FEB.2020 10:54:50

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-5.50	1.99	-3.51	30.00	Complies

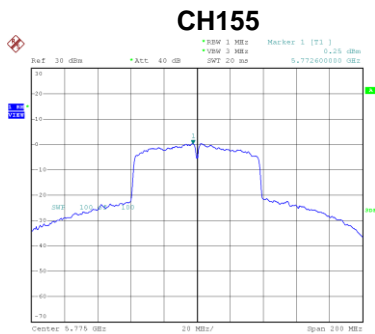
## CH155



Date: 13.FEB.2020 12:52:40

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 3
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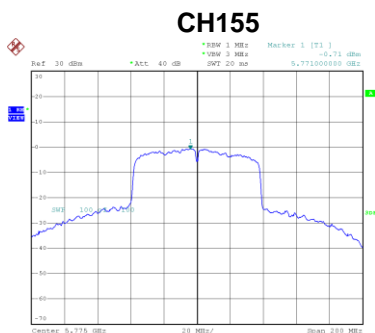
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	0.25	1.99	2.24	30.00	Complies



Date: 13.FEB.2020 12:55:54

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 4
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-0.71	1.99	1.28	30.00	Complies



Date: 13.FEB.2020 12:58:39

Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	5.86	24.98	Complies



## **APPENDIX H - FREQUENCY STABILITY**

Test Mode	UNII-1
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#### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
138	5179.9732
120	5179.9736
102	5179.9740
Maximum Deviation (MHz)	0.0268
Maximum Deviation (ppm)	5.1737

#### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9748
10	5179.9748
20	5179.9752
30	5179.9752
40	5179.9756
Maximum Deviation (MHz)	0.0252
Maximum Deviation (ppm)	4.8649

Test Mode	UNII-3
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### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5744.9736
120	5744.9736
102	5744.9740
Maximum Deviation (MHz)	0.0264
Maximum Deviation (ppm)	4.5953

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9748
10	5744.9748
20	5744.9748
30	5744.9752
40	5744.9756
Maximum Deviation (MHz)	0.0252
Maximum Deviation (ppm)	4.3864

**End of Test Report**