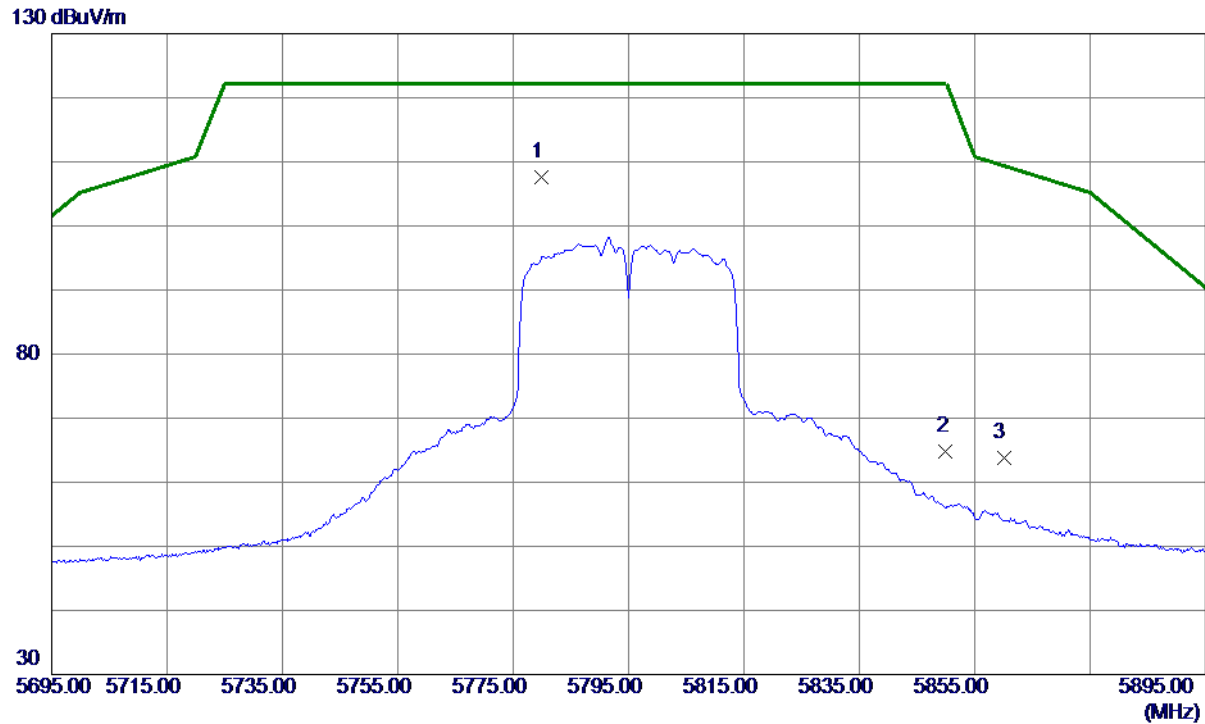


Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5795 MHz

## Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5779.8000	85.86	21.82	107.68	122.20	-14.52	Peak	No Limit
2	5850.0000	42.72	22.16	64.88	122.20	-57.32	Peak	
3	5860.0000	41.62	22.21	63.83	109.40	-45.57	Peak	

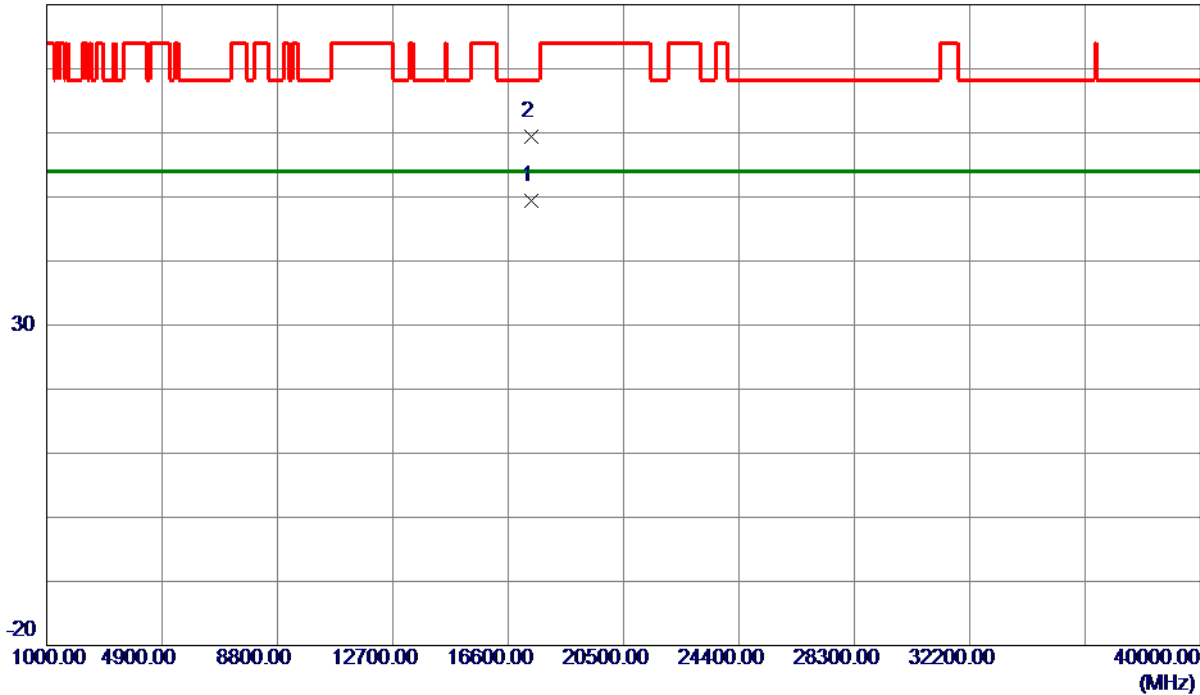
### REMARKS:

- (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



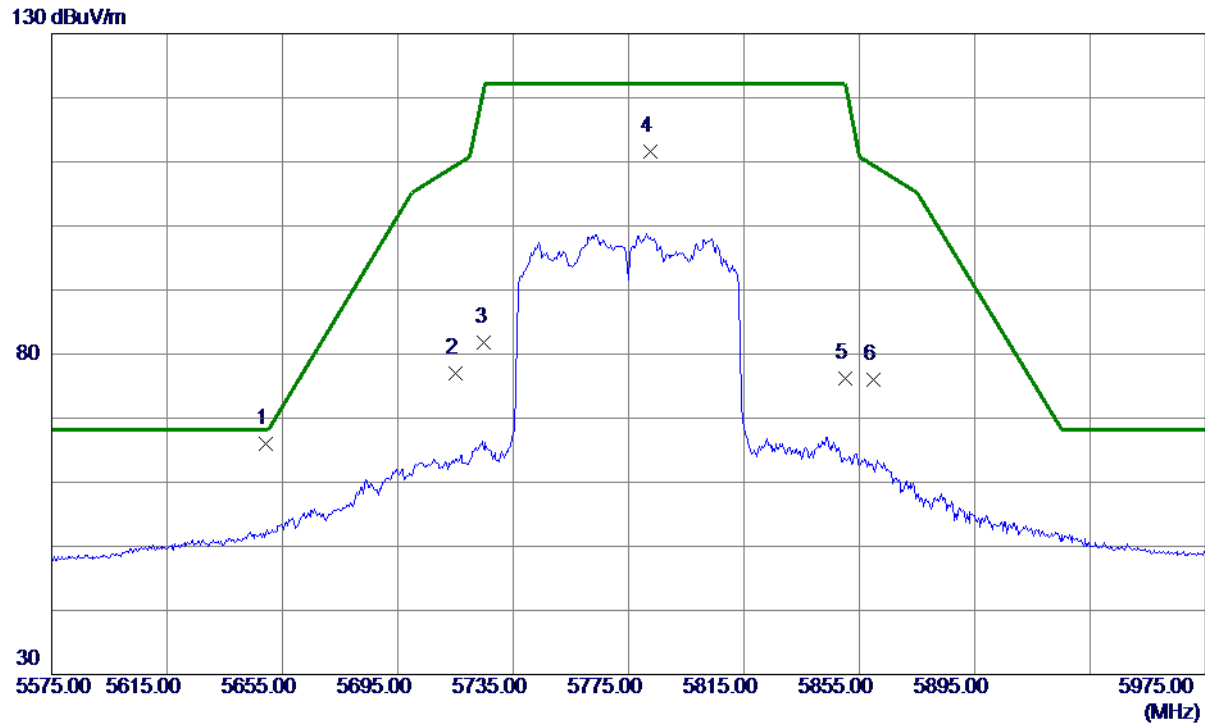
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	17390.1100	23.15	26.17	49.32	54.00	-4.68	AVG	
2	17390.3400	33.21	26.17	59.38	68.30	-8.92	Peak	

### 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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5649.2000	44.86	21.18	66.04	68.20	-2.16	Peak	
2	5715.0000	55.42	21.50	76.92	109.40	-32.48	Peak	
3	5725.0000	60.17	21.55	81.72	122.20	-40.48	Peak	
4	5782.6000	89.83	21.83	111.66	122.20	-10.54	Peak	No Limit
5	5850.0000	54.07	22.16	76.23	122.20	-45.97	Peak	
6	5860.0000	53.80	22.21	76.01	109.40	-33.39	Peak	

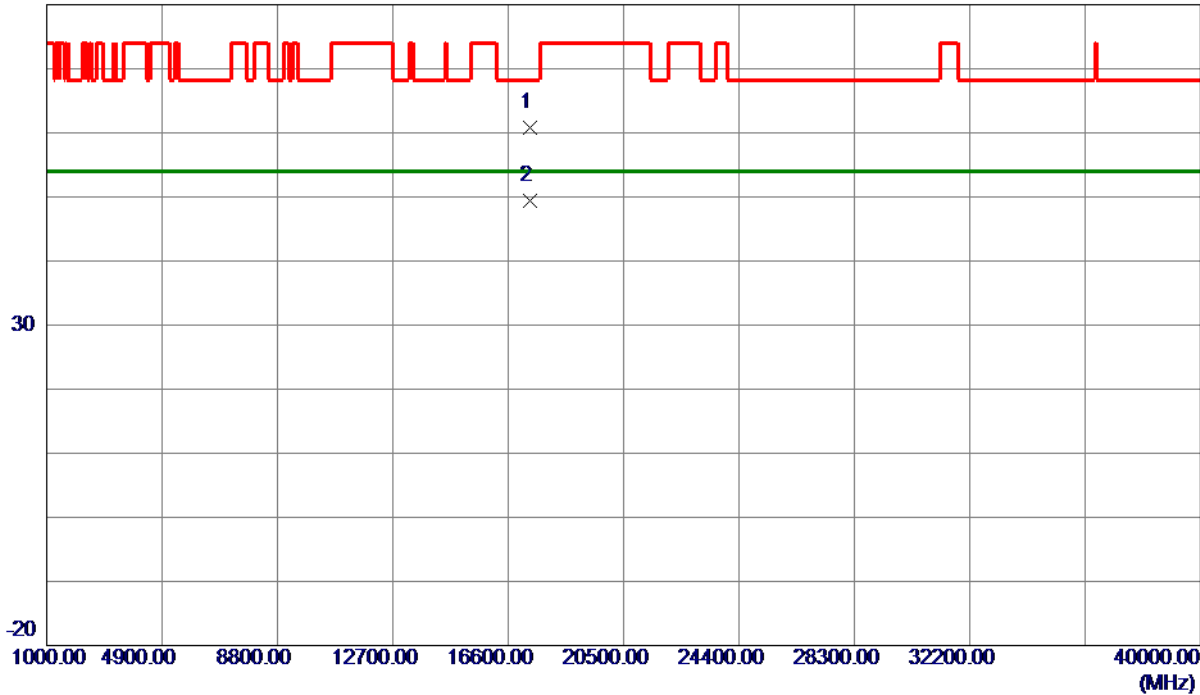
### REMARKS:

- (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	17322.4800	34.83	26.00	60.83	68.30	-7.47	Peak	
2 *	17331.2700	23.42	26.02	49.44	54.00	-4.56	AVG	

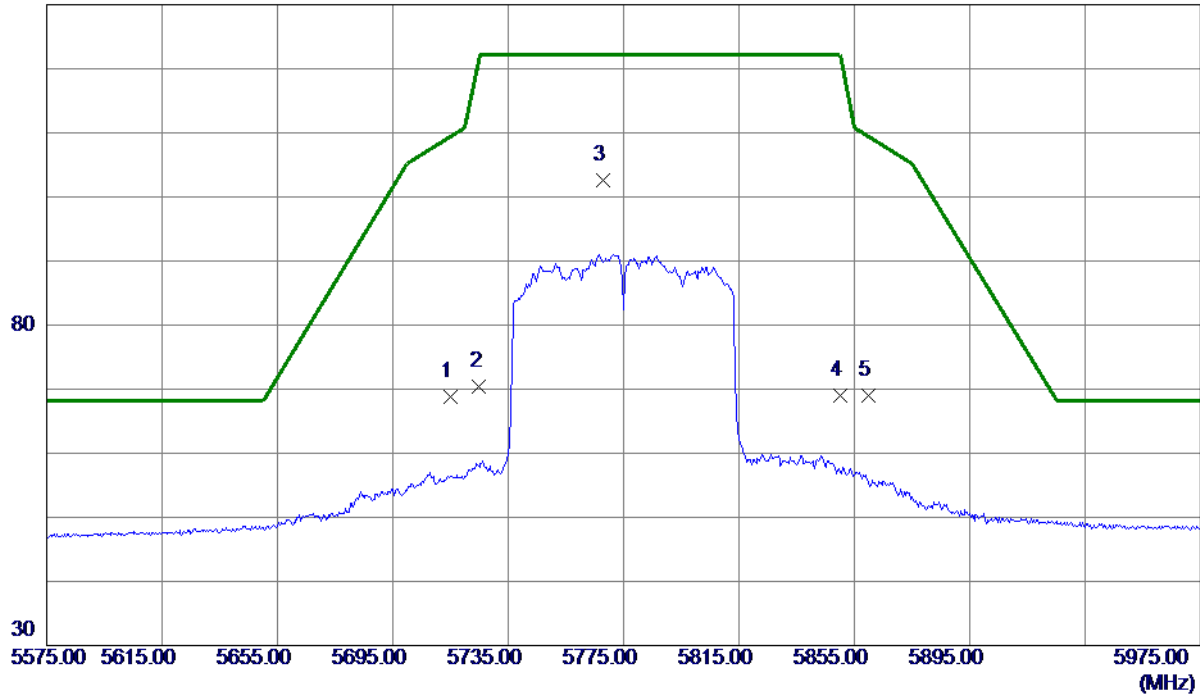
### REMARKS:

- (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	47.28	21.50	68.78	109.40	-40.62	Peak	
2	5725.0000	48.83	21.55	70.38	122.20	-51.82	Peak	
3 *	5767.8000	80.80	21.76	102.56	122.20	-19.64	Peak	No Limit
4	5850.0000	46.89	22.16	69.05	122.20	-53.15	Peak	
5	5860.0000	46.73	22.21	68.94	109.40	-40.46	Peak	

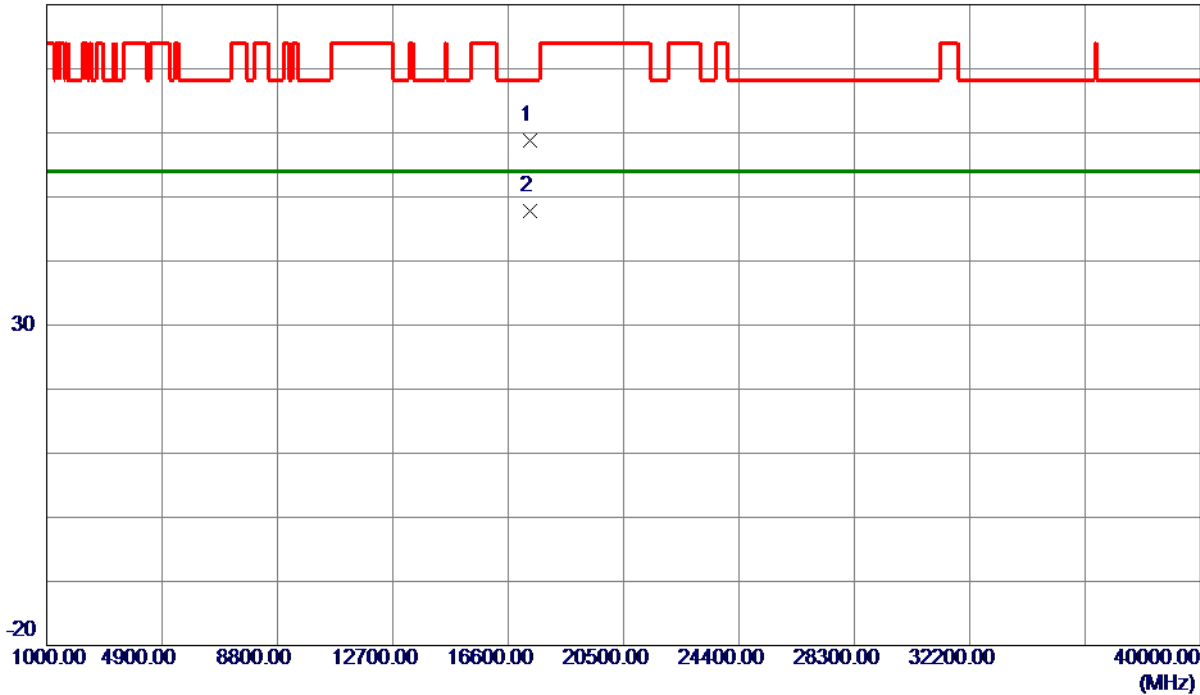
### REMARKS:

- (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	17324.5000	32.83	26.00	58.83	68.30	-9.47	Peak	
2 *	17328.4500	21.78	26.01	47.79	54.00	-6.21	AVG	

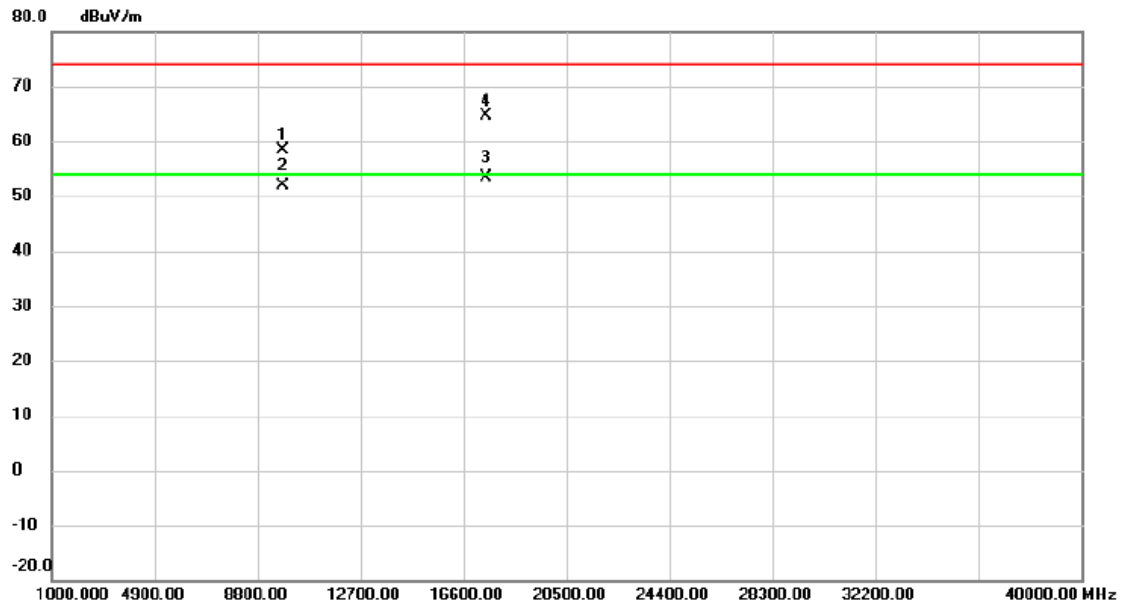
### REMARKS:

- (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 20 Mode 5825MHz

## Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9747.980	39.56	18.81	58.37	74.00	-15.63	peak	
2		9748.360	33.17	18.81	51.98	54.00	-2.02	AVG	
3	*	17465.280	27.04	26.35	53.39	54.00	-0.61	AVG	
4		17466.410	38.23	26.36	64.59	74.00	-9.41	peak	

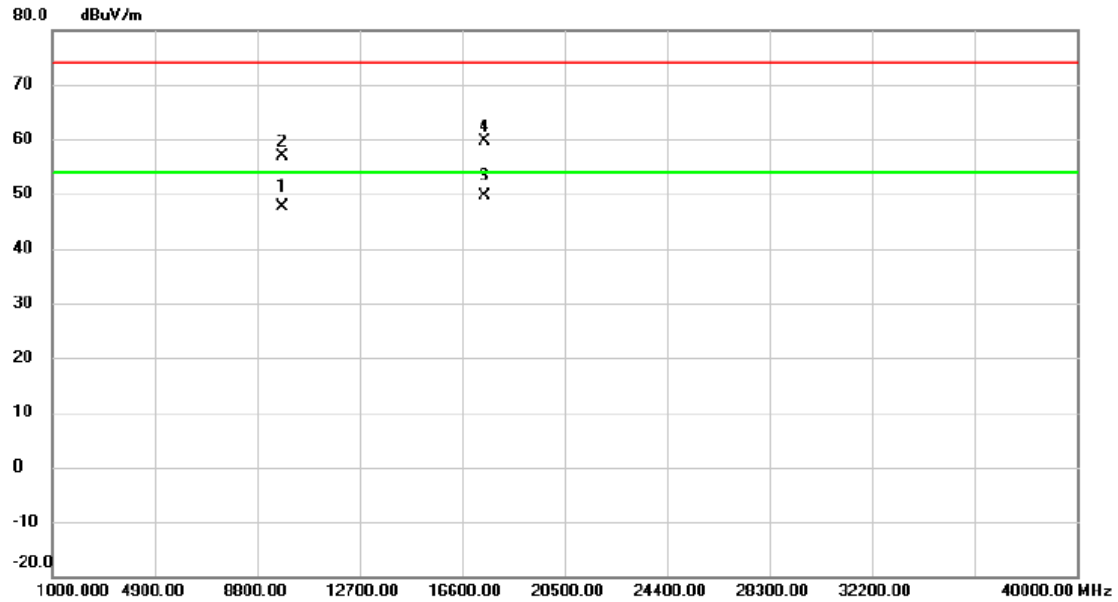
### REMARKS:

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

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

Test Mode: TX B Mode 2437+AC 20 Mode 5825MHz

### Horizontal



#### REMARKS:

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

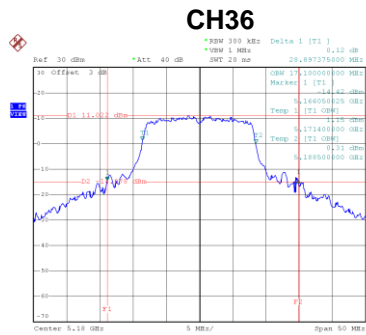
(2) Margin Level = Measurement Value - Limit Value.



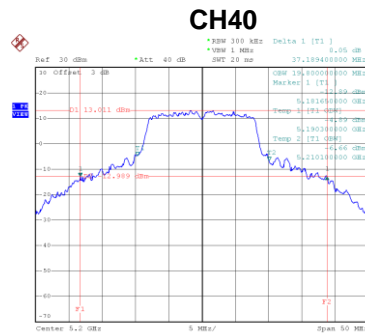
## **APPENDIX E - BANDWIDTH**

Test Mode	UNII-1_TX A Mode_Ant.4
-----------	------------------------

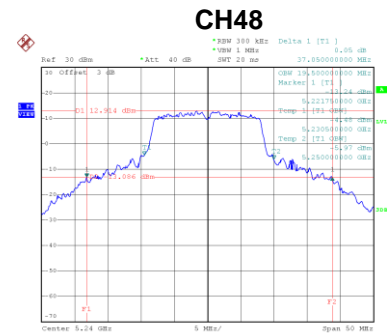
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	28.90	17.10
40	5200	37.19	19.80
48	5240	37.05	19.50



Date: 14.FEB.2020 08:59:26



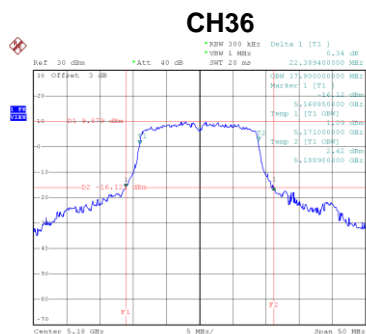
Date: 14.FEB.2020 09:00:06



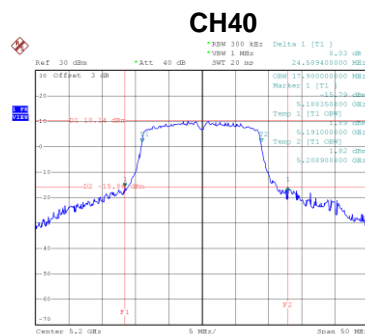
Date: 14.FEB.2020 09:48:45

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

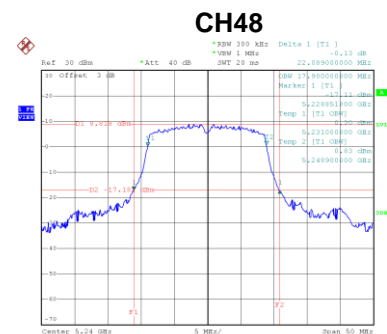
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	22.39	17.90
40	5200	24.59	17.90
48	5240	22.09	17.90



Date: 14.FEB.2020 09:07:43



Date: 14.FEB.2020 09:08:38

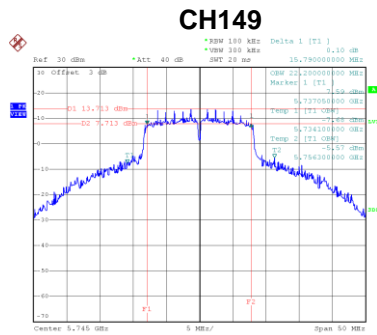


Date: 14.FEB.2020 09:10:18

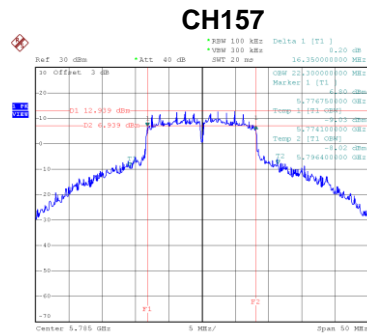


Test Mode UNII-3\_TX A Mode\_Ant.4

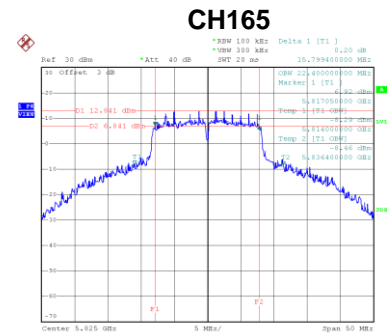
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	15.79	22.20	500	Complies
157	5785	16.35	22.30	500	Complies
165	5825	15.80	22.40	500	Complies



Date: 14.FEB.2020 09:01:37



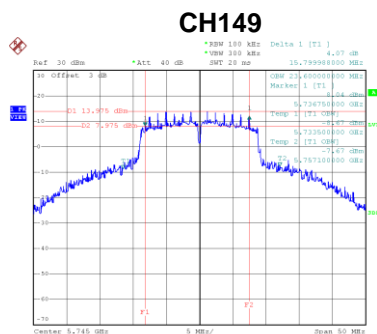
Date: 14.FEB.2020 09:03:50



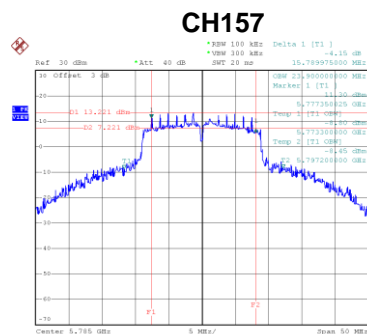
Date: 14.FEB.2020 09:05:05

Test Mode UNII-3\_TX N (HT20) Mode\_Ant.4

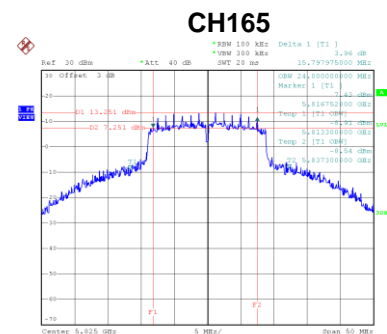
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	15.80	23.60	500	Complies
157	5785	15.79	23.90	500	Complies
165	5825	15.80	24.00	500	Complies



Date: 14.FEB.2020 09:11:43



Date: 14.FEB.2020 09:13:50

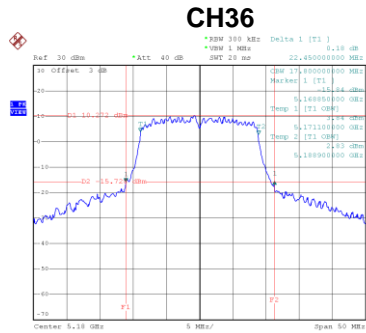


Date: 14.FEB.2020 09:15:13

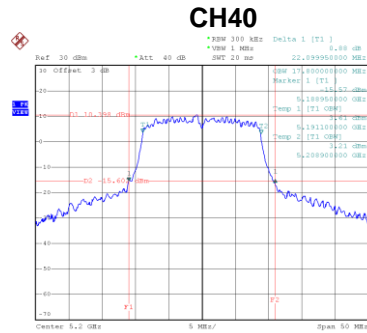


Test Mode	UNII-1_TX AC (VHT20) Mode_Ant.4
-----------	---------------------------------

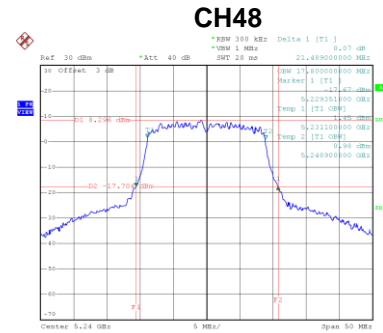
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	22.45	17.80
40	5200	22.10	17.80
48	5240	21.49	17.80



Date: 14.FEB.2020 09:16:59



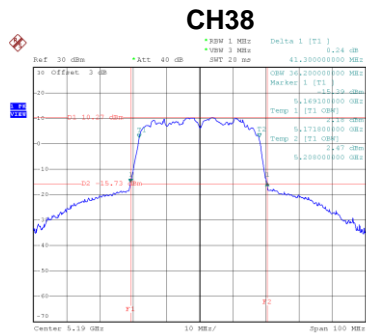
Date: 14.FEB.2020 09:18:32



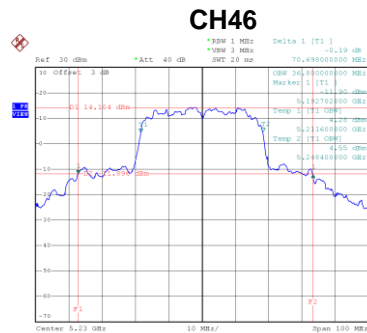
Date: 14.FEB.2020 09:19:37

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	41.30	36.20
46	5230	70.70	36.80



Date: 14.FEB.2020 09:34:29

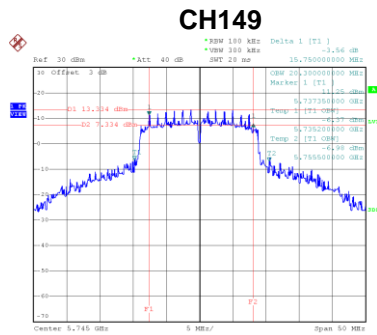


Date: 14.FEB.2020 09:35:16

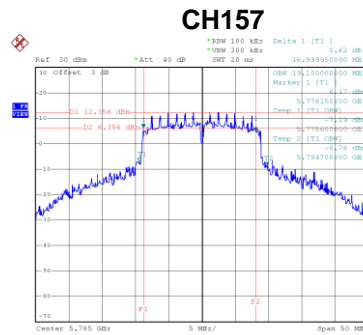


Test Mode UNII-3\_TX AC (VHT20) Mode\_Ant.4

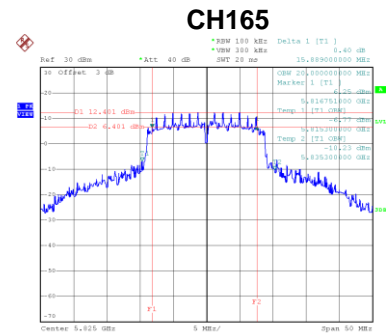
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	15.75	20.30	500	Complies
157	5785	17.00	19.10	500	Complies
165	5825	15.89	20.00	500	Complies



Date: 14.FEB.2020 09:21:29



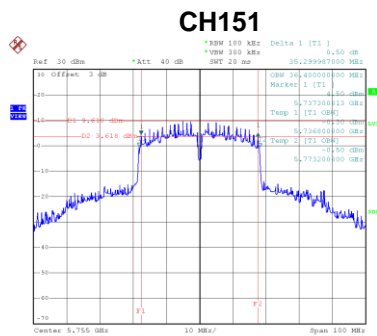
Date: 14.FEB.2020 09:23:34



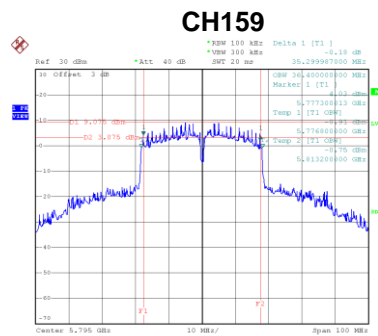
Date: 14.FEB.2020 09:24:44

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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	35.30	36.40	500	Complies
159	5795	35.30	36.40	500	Complies



Date: 14.FEB.2020 09:38:59



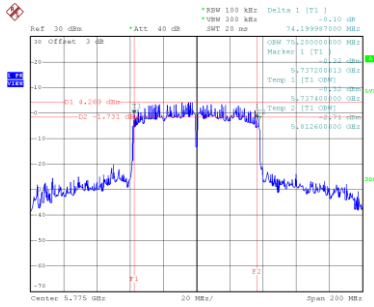
Date: 14.FEB.2020 09:40:56



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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	74.20	75.20	500	Complies

## CH155



Date: 14.FEB.2020 09:43:52

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

### Non-Beamforming

Test Mode	UNII-1_TX A 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	21.89	0.51	22.40	30.00	1.00	Complies
40	5200	23.05	0.51	23.56	30.00	1.00	Complies
48	5240	22.55	0.51	23.06	30.00	1.00	Complies

Test Mode	UNII-3_TX A 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	22.88	0.51	23.39	30.00	1.00	Complies
157	5785	23.14	0.51	23.65	30.00	1.00	Complies
165	5825	23.51	0.51	24.02	30.00	1.00	Complies

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	14.54	0.58	15.12	30.00	1.00	Complies
40	5200	14.76	0.58	15.34	30.00	1.00	Complies
48	5240	14.22	0.58	14.80	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	13.98	0.58	14.56	30.00	1.00	Complies
40	5200	14.21	0.58	14.79	30.00	1.00	Complies
48	5240	13.43	0.58	14.01	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	14.81	0.58	15.39	30.00	1.00	Complies
40	5200	14.83	0.58	15.41	30.00	1.00	Complies
48	5240	13.58	0.58	14.16	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	14.22	0.58	14.80	30.00	1.00	Complies
40	5200	15.15	0.58	15.73	30.00	1.00	Complies
48	5240	13.24	0.58	13.82	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	21.00	30.00	1.00	Complies
40	5200	21.36	30.00	1.00	Complies
48	5240	20.24	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	16.15	1.36	17.51	30.00	1.00	Complies
46	5230	17.70	1.36	19.06	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	15.92	1.36	17.28	30.00	1.00	Complies
46	5230	19.51	1.36	20.87	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	15.83	1.36	17.19	30.00	1.00	Complies
46	5230	18.18	1.36	19.54	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	16.38	1.36	17.74	30.00	1.00	Complies
46	5230	18.73	1.36	20.09	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	23.46	30.00	1.00	Complies
46	5230	25.96	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	20.98	0.58	21.56	30.00	1.00	Complies
157	5785	20.98	0.58	21.56	30.00	1.00	Complies
165	5825	20.49	0.58	21.07	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	20.71	0.58	21.29	30.00	1.00	Complies
157	5785	20.36	0.58	20.94	30.00	1.00	Complies
165	5825	19.95	0.58	20.53	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	20.01	0.58	20.59	30.00	1.00	Complies
157	5785	20.47	0.58	21.05	30.00	1.00	Complies
165	5825	20.62	0.58	21.20	30.00	1.00	Complies

Test Mode	UNII-3_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
149	5745	20.12	0.58	20.70	30.00	1.00	Complies
157	5785	20.25	0.58	20.83	30.00	1.00	Complies
165	5825	20.77	0.58	21.35	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	27.08	30.00	1.00	Complies
157	5785	27.13	30.00	1.00	Complies
165	5825	27.07	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	19.85	1.36	21.21	30.00	1.00	Complies
159	5795	19.16	1.36	20.52	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	18.93	1.36	20.29	30.00	1.00	Complies
159	5795	18.32	1.36	19.68	30.00	1.00	Complies

Test Mode	UNII-3_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
151	5755	19.02	1.36	20.38	30.00	1.00	Complies
159	5795	19.45	1.36	20.81	30.00	1.00	Complies

Test Mode	UNII-3_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
151	5755	18.76	1.36	20.12	30.00	1.00	Complies
159	5795	19.02	1.36	20.38	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total
-----------	-------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	26.54	30.00	1.00	Complies
159	5795	26.39	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	14.68	1.74	16.42	30.00	1.00	Complies
40	5200	14.85	1.74	16.59	30.00	1.00	Complies
48	5240	14.26	1.74	16.00	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	14.12	1.74	15.86	30.00	1.00	Complies
40	5200	14.32	1.74	16.06	30.00	1.00	Complies
48	5240	13.54	1.74	15.28	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	14.95	1.74	16.69	30.00	1.00	Complies
40	5200	14.95	1.74	16.69	30.00	1.00	Complies
48	5240	13.62	1.74	15.36	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	14.36	1.74	16.10	30.00	1.00	Complies
40	5200	15.29	1.74	17.03	30.00	1.00	Complies
48	5240	13.28	1.74	15.02	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	22.30	30.00	1.00	Complies
40	5200	22.63	30.00	1.00	Complies
48	5240	21.45	30.00	1.00	Complies



Test Mode	UNII-1_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
38	5190	16.34	1.42	17.76	30.00	1.00	Complies
46	5230	17.88	1.42	19.30	30.00	1.00	Complies

Test Mode	UNII-1_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
38	5190	16.11	1.42	17.53	30.00	1.00	Complies
46	5230	19.61	1.42	21.03	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	16.02	1.42	17.44	30.00	1.00	Complies
46	5230	18.26	1.42	19.68	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	16.57	1.42	17.99	30.00	1.00	Complies
46	5230	18.88	1.42	20.30	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	23.71	30.00	1.00	Complies
46	5230	26.15	30.00	1.00	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	14.17	1.90	16.07	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	14.52	1.90	16.42	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	14.32	1.90	16.22	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	14.63	1.90	16.53	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	22.33	30.00	1.00	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	21.02	1.74	22.76	30.00	1.00	Complies
157	5785	21.07	1.74	22.81	30.00	1.00	Complies
165	5825	20.52	1.74	22.26	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	20.75	1.74	22.49	30.00	1.00	Complies
157	5785	20.42	1.74	22.16	30.00	1.00	Complies
165	5825	20.09	1.74	21.83	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	20.04	1.74	21.78	30.00	1.00	Complies
157	5785	20.55	1.74	22.29	30.00	1.00	Complies
165	5825	20.67	1.74	22.41	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	20.13	1.74	21.87	30.00	1.00	Complies
157	5785	20.37	1.74	22.11	30.00	1.00	Complies
165	5825	20.89	1.74	22.63	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	28.27	30.00	1.00	Complies
157	5785	28.37	30.00	1.00	Complies
165	5825	28.31	30.00	1.00	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	19.97	1.42	21.39	30.00	1.00	Complies
159	5795	19.45	1.42	20.87	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	19.22	1.42	20.64	30.00	1.00	Complies
159	5795	18.61	1.42	20.03	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	19.31	1.42	20.73	30.00	1.00	Complies
159	5795	19.74	1.42	21.16	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	19.05	1.42	20.47	30.00	1.00	Complies
159	5795	19.31	1.42	20.73	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	26.85	30.00	1.00	Complies
159	5795	26.74	30.00	1.00	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	17.43	1.90	19.33	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	17.24	1.90	19.14	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	17.36	1.90	19.26	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	17.60	1.90	19.50	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	25.33	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	14.27	0.58	14.85	30.00	1.00	Complies
40	5200	14.41	0.58	14.99	30.00	1.00	Complies
48	5240	13.84	0.58	14.42	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	13.81	0.58	14.39	30.00	1.00	Complies
40	5200	13.98	0.58	14.56	30.00	1.00	Complies
48	5240	12.96	0.58	13.54	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	14.33	0.58	14.91	30.00	1.00	Complies
40	5200	14.56	0.58	15.14	30.00	1.00	Complies
48	5240	12.96	0.58	13.54	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	14.17	0.58	14.75	30.00	1.00	Complies
40	5200	14.80	0.58	15.38	30.00	1.00	Complies
48	5240	12.84	0.58	13.42	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	20.75	26.00	0.40	Complies
40	5200	21.05	26.00	0.40	Complies
48	5240	19.77	26.00	0.40	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	16.04	1.36	17.40	30.00	1.00	Complies
46	5230	17.97	1.36	19.33	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	15.85	1.36	17.21	30.00	1.00	Complies
46	5230	18.95	1.36	20.31	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	15.81	1.36	17.17	30.00	1.00	Complies
46	5230	18.22	1.36	19.58	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	16.07	1.36	17.43	30.00	1.00	Complies
46	5230	18.17	1.36	19.53	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	23.33	26.00	0.40	Complies
46	5230	25.73	26.00	0.40	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	18.27	0.58	18.85	30.00	1.00	Complies
157	5785	18.31	0.58	18.89	30.00	1.00	Complies
165	5825	17.90	0.58	18.48	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	17.83	0.58	18.41	30.00	1.00	Complies
157	5785	17.98	0.58	18.56	30.00	1.00	Complies
165	5825	17.58	0.58	18.16	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	17.79	0.58	18.37	30.00	1.00	Complies
157	5785	18.18	0.58	18.76	30.00	1.00	Complies
165	5825	17.95	0.58	18.53	30.00	1.00	Complies

Test Mode	UNII-3_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
149	5745	17.92	0.58	18.50	30.00	1.00	Complies
157	5785	18.05	0.58	18.63	30.00	1.00	Complies
165	5825	18.07	0.58	18.65	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	24.56	26.00	0.40	Complies
157	5785	24.74	26.00	0.40	Complies
165	5825	24.48	26.00	0.40	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	18.91	1.36	20.27	30.00	1.00	Complies
159	5795	18.45	1.36	19.81	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	18.20	1.36	19.56	30.00	1.00	Complies
159	5795	17.97	1.36	19.33	30.00	1.00	Complies

Test Mode	UNII-3_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
151	5755	17.97	1.36	19.33	30.00	1.00	Complies
159	5795	18.49	1.36	19.85	30.00	1.00	Complies

Test Mode	UNII-3_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
151	5755	18.34	1.36	19.70	30.00	1.00	Complies
159	5795	18.07	1.36	19.43	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total
-----------	-------------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	25.75	26.00	0.40	Complies
159	5795	25.63	26.00	0.40	Complies

Test Mode	UNII-1_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
36	5180	14.35	1.74	16.09	30.00	1.00	Complies
40	5200	14.51	1.74	16.25	30.00	1.00	Complies
48	5240	14.02	1.74	15.76	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	13.89	1.74	15.63	30.00	1.00	Complies
40	5200	14.14	1.74	15.88	30.00	1.00	Complies
48	5240	13.14	1.74	14.88	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	14.41	1.74	16.15	30.00	1.00	Complies
40	5200	14.62	1.74	16.36	30.00	1.00	Complies
48	5240	13.14	1.74	14.88	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	14.25	1.74	15.99	30.00	1.00	Complies
40	5200	14.87	1.74	16.61	30.00	1.00	Complies
48	5240	13.02	1.74	14.76	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.99	26.00	0.40	Complies
40	5200	22.31	26.00	0.40	Complies
48	5240	21.11	26.00	0.40	Complies

Test Mode	UNII-1_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
38	5190	16.21	1.42	17.63	30.00	1.00	Complies
46	5230	18.11	1.42	19.53	30.00	1.00	Complies

Test Mode	UNII-1_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
38	5190	16.02	1.42	17.44	30.00	1.00	Complies
46	5230	19.02	1.42	20.44	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	15.98	1.42	17.40	30.00	1.00	Complies
46	5230	18.31	1.42	19.73	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	16.24	1.42	17.66	30.00	1.00	Complies
46	5230	18.24	1.42	19.66	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	23.56	26.00	0.40	Complies
46	5230	25.88	26.00	0.40	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	13.89	1.90	15.79	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	14.12	1.90	16.02	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	14.23	1.90	16.13	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	14.42	1.90	16.32	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	22.09	26.00	0.40	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	18.46	1.74	20.20	30.00	1.00	Complies
157	5785	18.42	1.74	20.16	30.00	1.00	Complies
165	5825	18.19	1.74	19.93	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	18.02	1.74	19.76	30.00	1.00	Complies
157	5785	18.11	1.74	19.85	30.00	1.00	Complies
165	5825	17.87	1.74	19.61	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	17.98	1.74	19.72	30.00	1.00	Complies
157	5785	18.23	1.74	19.97	30.00	1.00	Complies
165	5825	18.24	1.74	19.98	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	18.11	1.74	19.85	30.00	1.00	Complies
157	5785	18.14	1.74	19.88	30.00	1.00	Complies
165	5825	18.36	1.74	20.10	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	25.91	26.00	0.40	Complies
157	5785	25.99	26.00	0.40	Complies
165	5825	25.93	26.00	0.40	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	19.02	1.42	20.44	30.00	1.00	Complies
159	5795	18.72	1.42	20.14	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	18.33	1.42	19.75	30.00	1.00	Complies
159	5795	18.24	1.42	19.66	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	18.02	1.42	19.44	30.00	1.00	Complies
159	5795	18.76	1.42	20.18	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	18.51	1.42	19.93	30.00	1.00	Complies
159	5795	18.34	1.42	19.76	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	25.93	26.00	0.40	Complies
159	5795	25.97	26.00	0.40	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	17.24	1.90	19.14	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	17.12	1.90	19.02	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	16.98	1.90	18.88	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	17.29	1.90	19.19	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total
-----------	---------------------------------

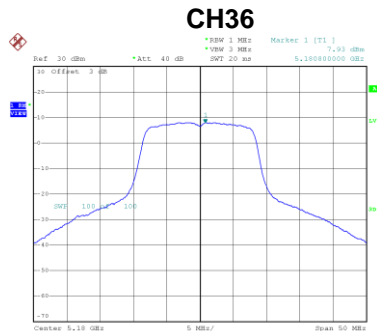
Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	25.08	26.00	0.40	Complies

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

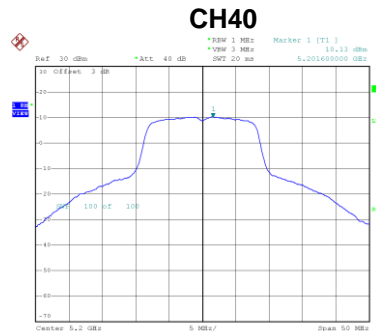


Test Mode UNII-1\_TX A Mode\_Ant.4

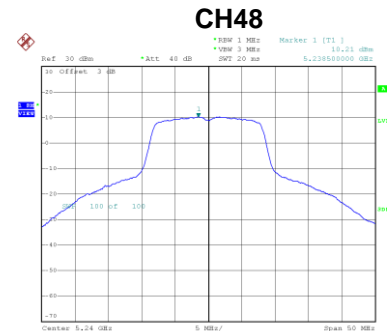
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	7.93	0.51	8.44	17.00	Complies
40	5200	10.13	0.51	10.64	17.00	Complies
48	5240	10.21	0.51	10.72	17.00	Complies



Date: 14.FEB.2020 08:16:02



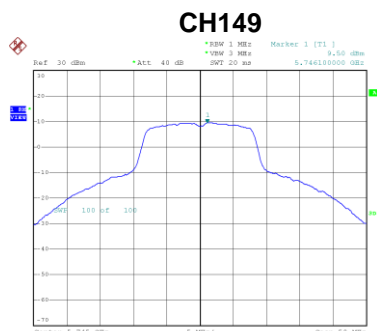
Date: 14.FEB.2020 08:16:22



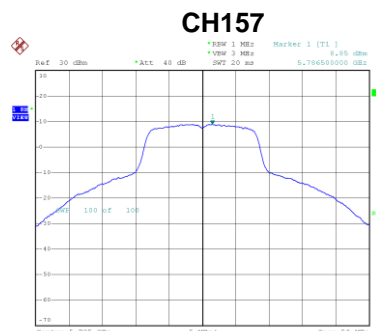
Date: 14.FEB.2020 08:16:40

Test Mode UNII-3\_TX A Mode\_Ant.4

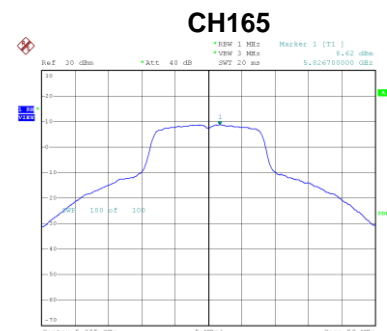
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.50	0.51	10.01	30.00	Complies
157	5785	8.85	0.51	9.36	30.00	Complies
165	5825	8.62	0.51	9.13	30.00	Complies



Date: 14.FEB.2020 08:16:59



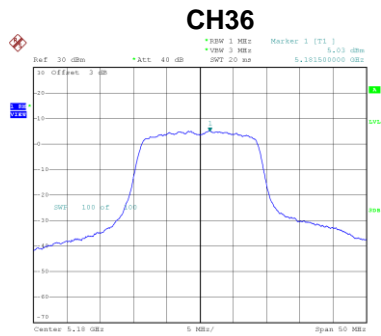
Date: 14.FEB.2020 08:17:18



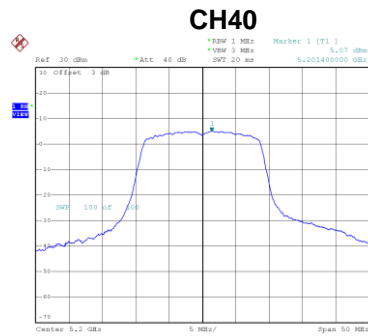
Date: 14.FEB.2020 08:17:38

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

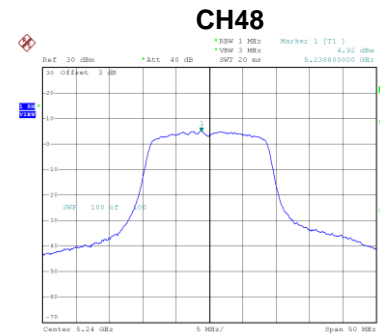
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	5.03	1.74	6.77	17.00	Complies
40	5200	5.07	1.74	6.81	17.00	Complies
48	5240	4.92	1.74	6.66	17.00	Complies



Date: 14.FEB.2020 08:47:58



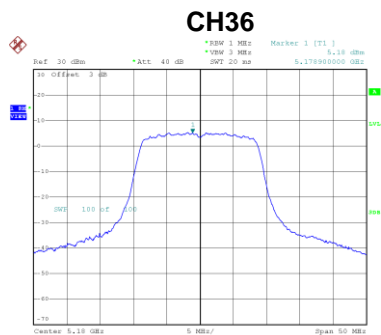
Date: 14.FEB.2020 08:48:24



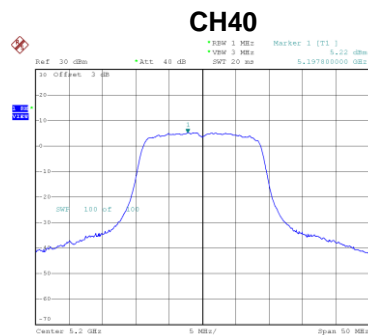
Date: 14.FEB.2020 08:48:53

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

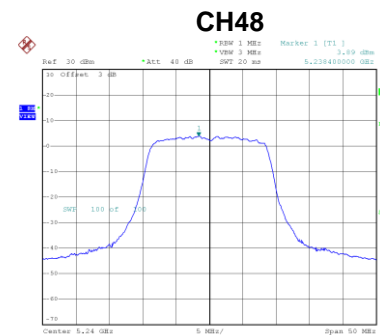
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	5.18	1.74	6.92	17.00	Complies
40	5200	5.22	1.74	6.96	17.00	Complies
48	5240	3.89	1.74	5.63	17.00	Complies



Date: 14.FEB.2020 08:38:59



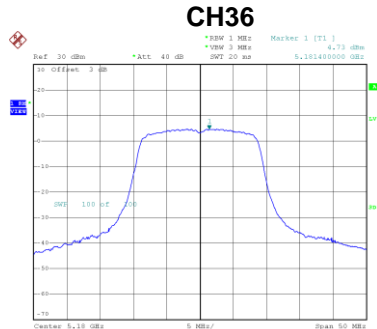
Date: 14.FEB.2020 08:40:47



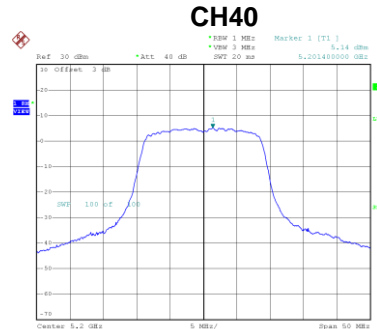
Date: 14.FEB.2020 08:41:19

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

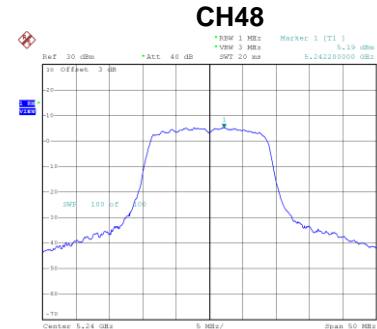
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	4.73	1.74	6.47	17.00	Complies
40	5200	5.14	1.74	6.88	17.00	Complies
48	5240	5.19	1.74	6.93	17.00	Complies



Date: 14.FEB.2020 08:19:42



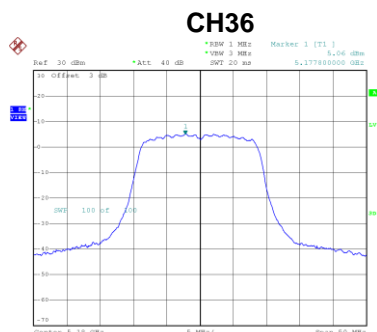
Date: 14.FEB.2020 08:21:32



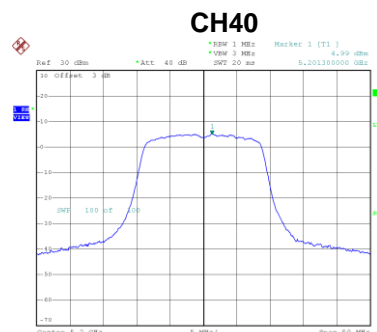
Date: 14.FEB.2020 08:22:46

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 4
-----------	----------------------------------

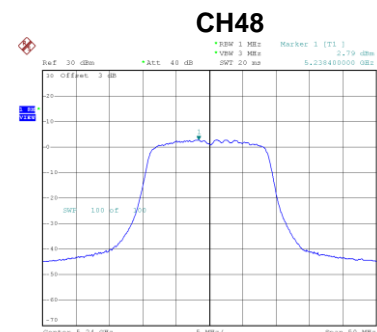
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	5.06	1.74	6.80	17.00	Complies
40	5200	4.99	1.74	6.73	17.00	Complies
48	5240	2.79	1.74	4.53	17.00	Complies



Date: 14.FEB.2020 08:06:15



Date: 14.FEB.2020 08:09:16



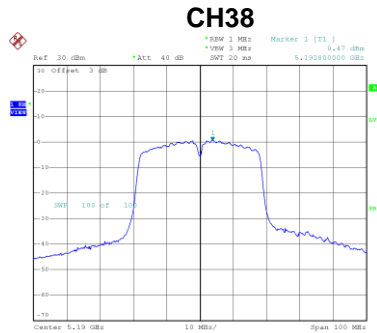
Date: 14.FEB.2020 08:17:57

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

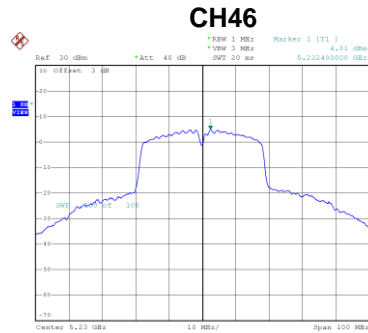
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	12.77	12.98	Complies
40	5200	12.87	12.98	Complies
48	5240	12.06	12.98	Complies

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	0.47	1.42	1.89	17.00	Complies
46	5230	4.81	1.42	6.23	17.00	Complies



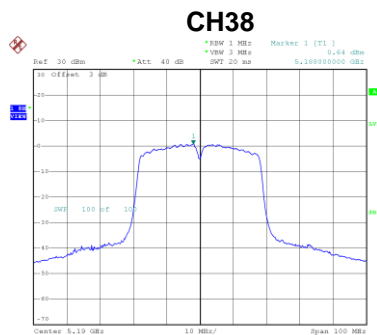
Date: 14.FEB.2020 08:50:54



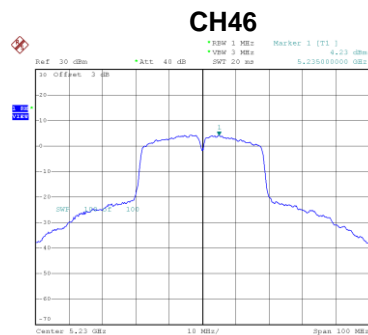
Date: 14.FEB.2020 08:52:06

Test Mode	UNII-1_TX AC (VHT40) 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
38	5190	0.64	1.42	2.06	17.00	Complies
46	5230	4.23	1.42	5.65	17.00	Complies



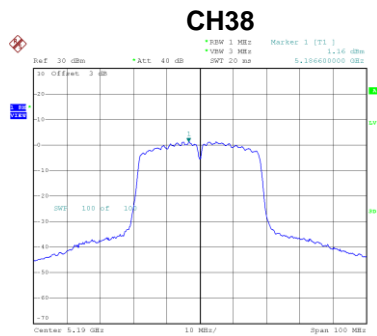
Date: 14.FEB.2020 08:43:22



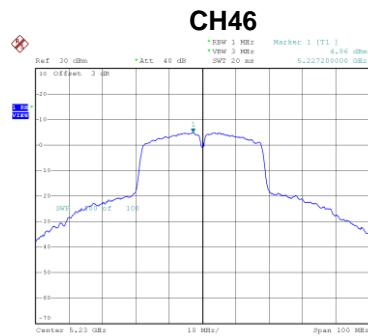
Date: 14.FEB.2020 08:44:00

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	1.16	1.42	2.58	17.00	Complies
46	5230	4.86	1.42	6.28	17.00	Complies



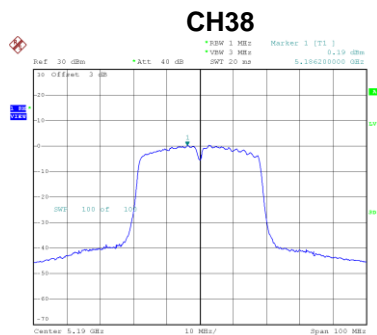
Date: 14.FEB.2020 08:24:23



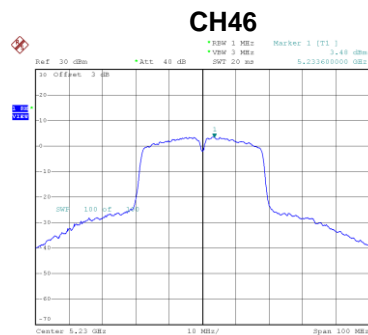
Date: 14.FEB.2020 08:24:45

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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	0.19	1.42	1.61	17.00	Complies
46	5230	3.48	1.42	4.90	17.00	Complies



Date: 14.FEB.2020 08:13:18



Date: 14.FEB.2020 08:13:41

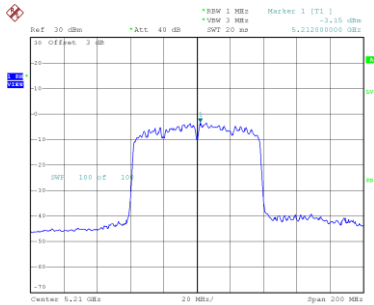
Test Mode	UNII-1_TX AC (VHT40) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	8.07	12.98	Complies
46	5230	11.82	12.98	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	-3.15	1.90	-1.25	17.00	Complies

## CH42

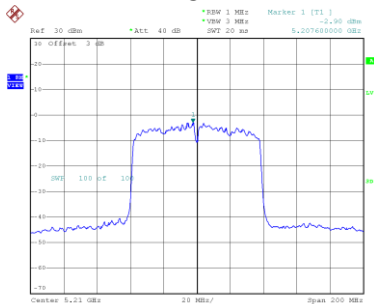


Date: 14.FEB.2020 08:53:36

Test Mode	UNII-1_TX AC (VHT80) 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
42	5210	-2.90	1.90	-1.00	17.00	Complies

## CH42

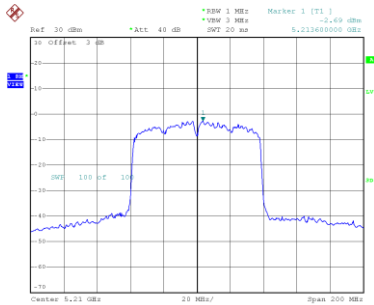


Date: 14.FEB.2020 08:46:12

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	-2.69	1.90	-0.79	17.00	Complies

## CH42

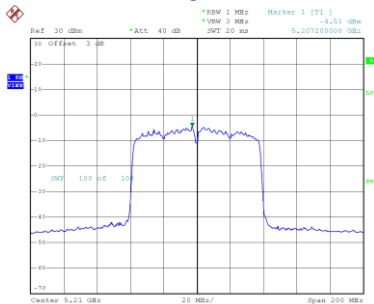


Date: 14.FEB.2020 08:25:59

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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-4.51	1.90	-2.61	17.00	Complies

## CH42



Date: 14.FEB.2020 08:14:58

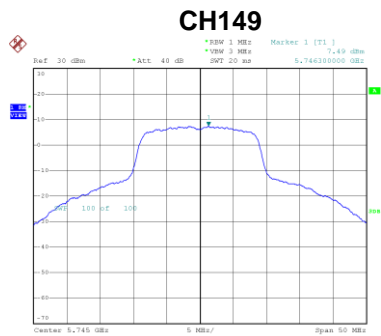
Test Mode	UNII-1_TX AC (VHT80) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	4.66	12.98	Complies

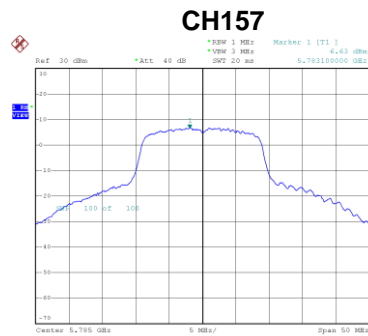


Test Mode UNII-3\_TX AC (VHT20) Mode\_Ant. 1

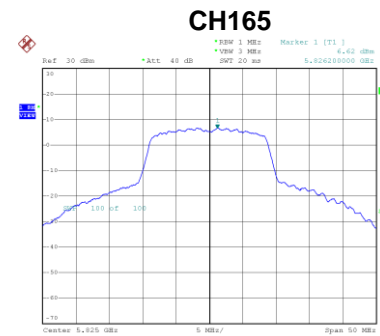
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	7.49	1.74	9.23	30.00	Complies
157	5785	6.63	1.74	8.37	30.00	Complies
165	5825	6.62	1.74	8.36	30.00	Complies



Date: 14.FEB.2020 08:49:19



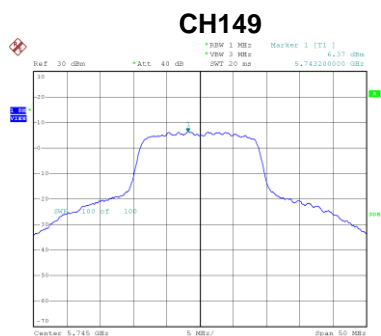
Date: 14.FEB.2020 08:49:37



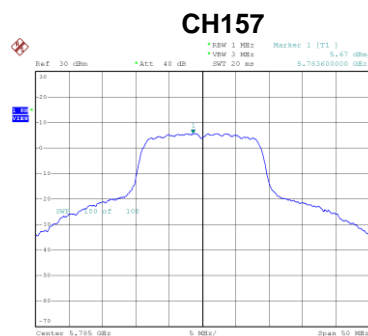
Date: 14.FEB.2020 08:49:54

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

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	6.37	1.74	8.11	30.00	Complies
157	5785	5.67	1.74	7.41	30.00	Complies
165	5825	5.49	1.74	7.23	30.00	Complies



Date: 14.FEB.2020 08:42:04



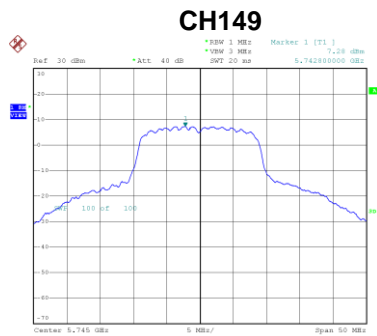
Date: 14.FEB.2020 08:42:21



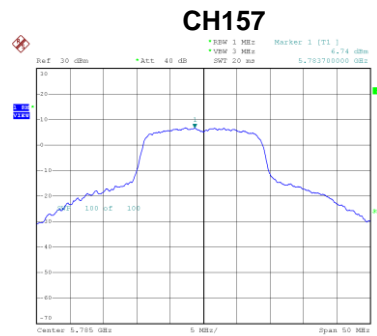
Date: 14.FEB.2020 08:42:41

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

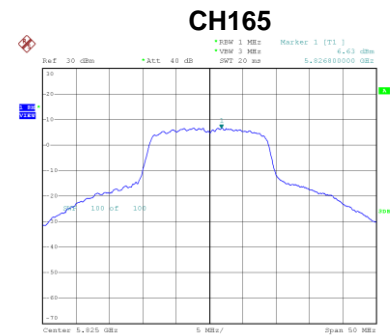
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	7.28	1.74	9.02	30.00	Complies
157	5785	6.74	1.74	8.48	30.00	Complies
165	5825	6.63	1.74	8.37	30.00	Complies



Date: 14.FEB.2020 08:23:10



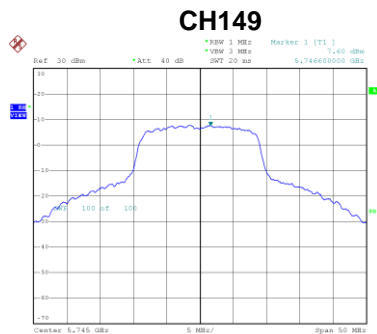
Date: 14.FEB.2020 08:23:31



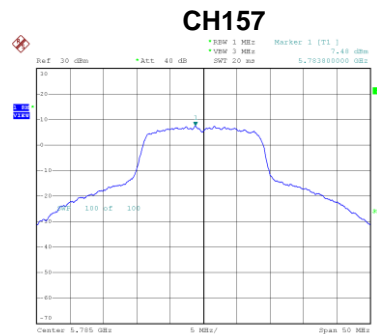
Date: 14.FEB.2020 08:23:49

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

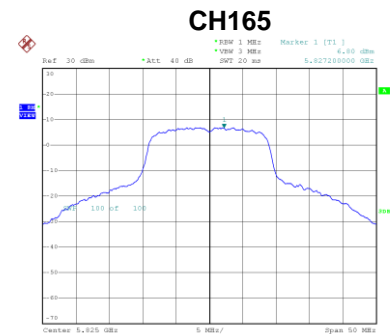
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	7.60	1.74	9.34	30.00	Complies
157	5785	7.48	1.74	9.22	30.00	Complies
165	5825	6.80	1.74	8.54	30.00	Complies



Date: 14.FEB.2020 08:10:40



Date: 14.FEB.2020 08:12:15



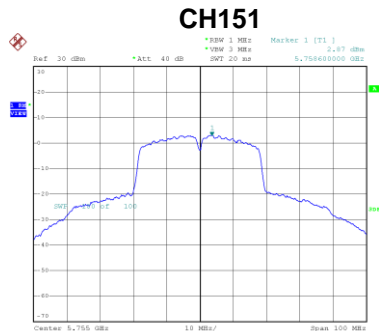
Date: 14.FEB.2020 08:12:32

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

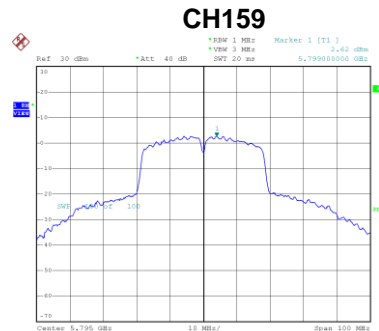
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	14.97	26.00	Complies
157	5785	14.44	26.00	Complies
165	5825	14.18	26.00	Complies

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

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	2.87	1.42	4.29	30.00	Complies
159	5795	2.62	1.42	4.04	30.00	Complies



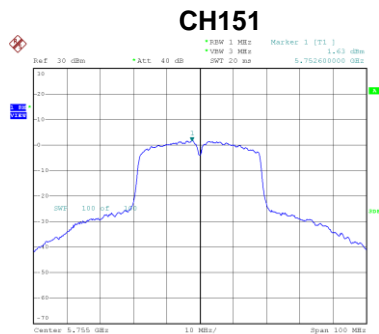
Date: 14.FEB.2020 08:52:25



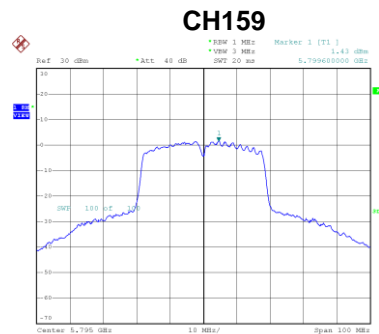
Date: 14.FEB.2020 08:52:52

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

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	1.63	1.42	3.05	30.00	Complies
159	5795	1.43	1.42	2.85	30.00	Complies



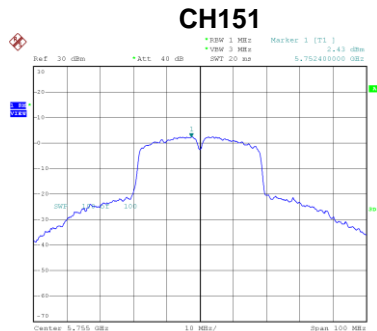
Date: 14.FEB.2020 08:44:19



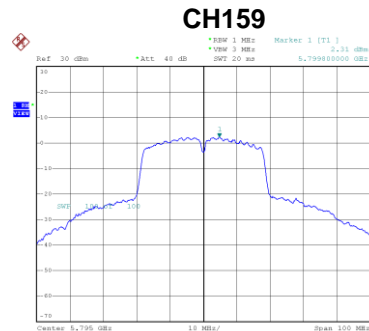
Date: 14.FEB.2020 08:44:58

Test Mode UNII-3\_TX AC (VHT40) Mode\_Ant. 3

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	2.43	1.42	3.85	30.00	Complies
159	5795	2.31	1.42	3.73	30.00	Complies



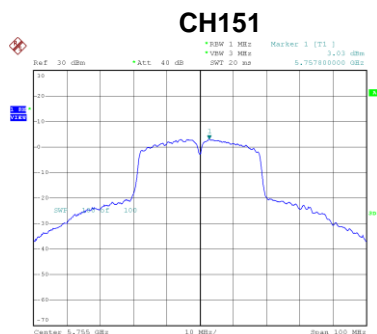
Date: 14.FEB.2020 08:25:06



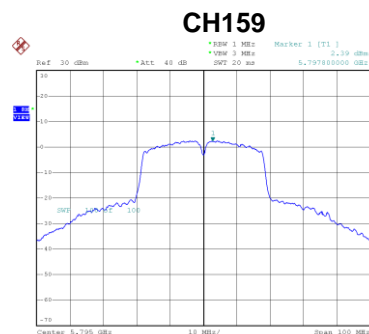
Date: 14.FEB.2020 08:25:29

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

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	3.03	1.42	4.45	30.00	Complies
159	5795	2.39	1.42	3.81	30.00	Complies



Date: 14.FEB.2020 08:14:01



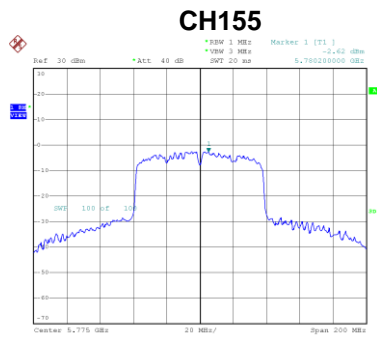
Date: 14.FEB.2020 08:14:21

Test Mode UNII-3\_TX AC (VHT40) Mode\_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	9.97	26.00	Complies
159	5795	9.65	26.00	Complies

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

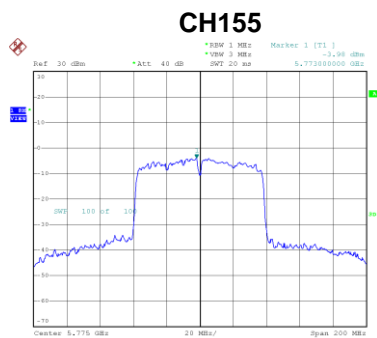
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-2.62	1.90	-0.72	30.00	Complies



Date: 14.FEB.2020 08:54:20

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

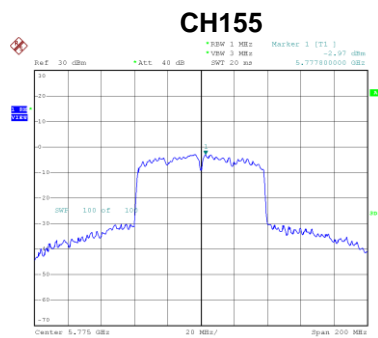
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-3.98	1.90	-2.08	30.00	Complies



Date: 14.FEB.2020 08:46:57

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

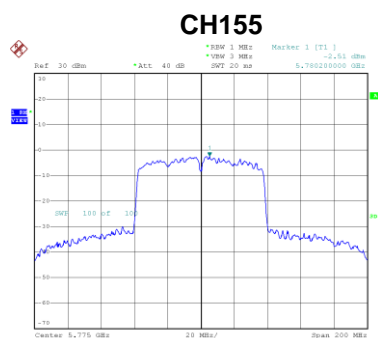
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-2.97	1.90	-1.07	30.00	Complies



Date: 14.FEB.2020 08:26:40

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

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	-2.51	1.90	-0.61	30.00	Complies



Date: 14.FEB.2020 08:15:24

Test Mode	UNII-3_TX AC (VHT80) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	4.93	26.00	Complies

## **APPENDIX H - FREQUENCY STABILITY**



Test Mode	UNII-1
-----------	--------

### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
138	5179.9524
120	5179.9524
102	5179.9528
Maximum Deviation (MHz)	0.0476
Maximum Deviation (ppm)	9.1892

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9532
10	5179.9532
20	5179.9528
30	5179.9528
40	5179.9528
Maximum Deviation (MHz)	0.0472
Maximum Deviation (ppm)	9.1120

Test Mode	UNII-3
-----------	--------

### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5744.9476
120	5744.9476
102	5744.9476
Maximum Deviation (MHz)	0.0524
Maximum Deviation (ppm)	9.1210

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9472
10	5744.9472
20	5744.9476
30	5744.9476
40	5744.9476
Maximum Deviation (MHz)	0.0528
Maximum Deviation (ppm)	9.1906

**End of Test Report**