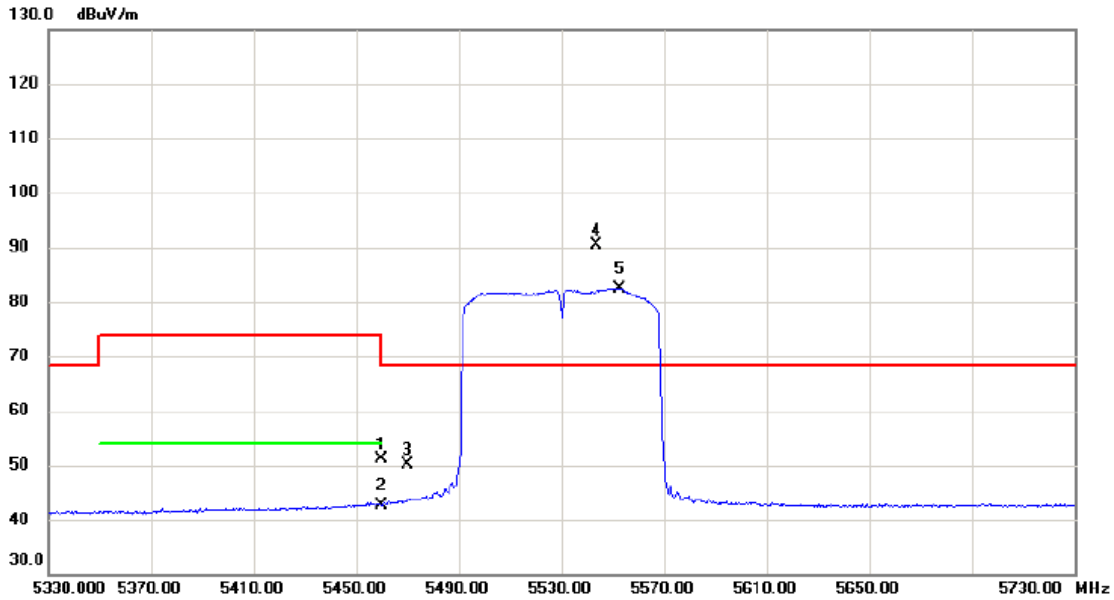


For 3GB+32GB

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

Vertical



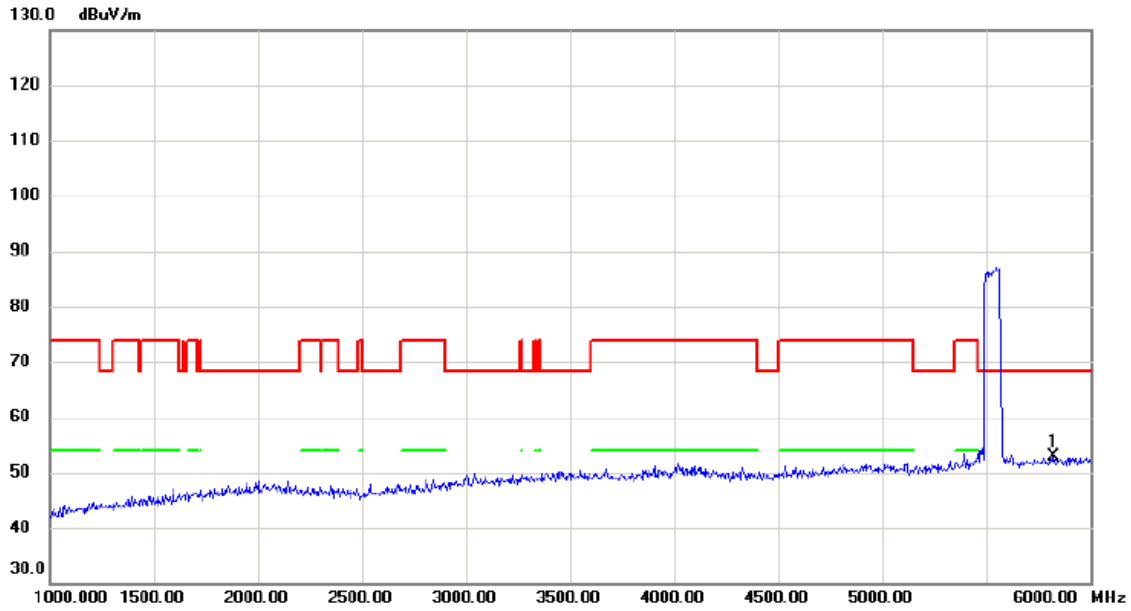
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	36.04	15.06	51.10	74.00	-22.90	peak	
2		5460.000	27.67	15.06	42.73	54.00	-11.27	AVG	
3		5470.000	34.94	15.08	50.02	68.30	-18.28	peak	
4	*	5543.600	75.21	15.25	90.46	68.30	22.16	peak	No Limit
5	X	5552.800	67.15	15.27	82.42	68.30	14.12	AVG	No Limit

REMARKS:

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

**Vertical**



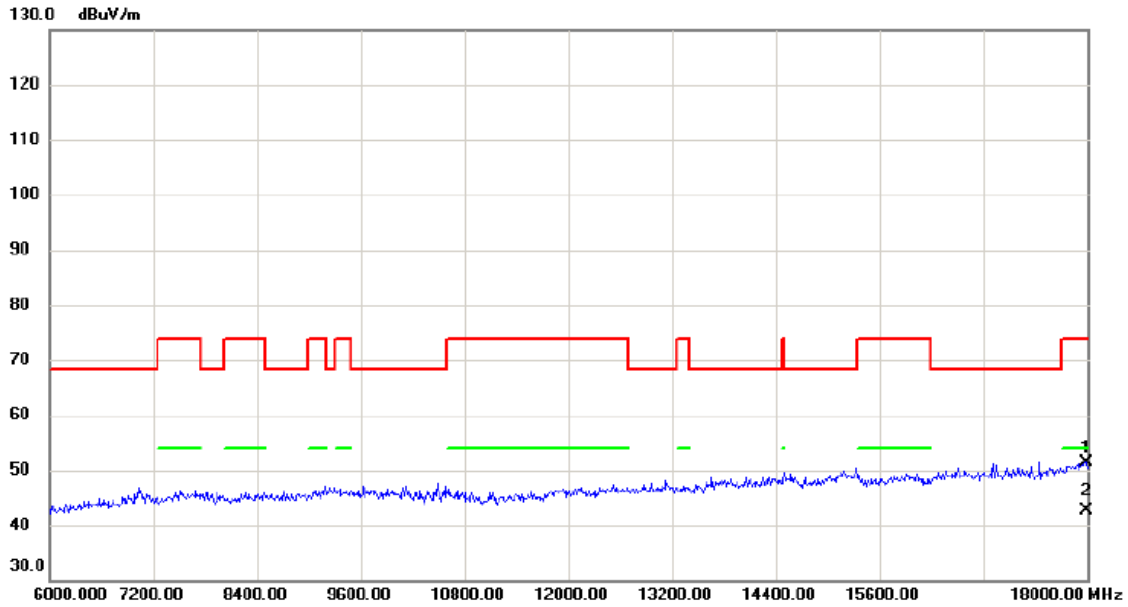
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5822.500	36.93	15.92	52.85	68.30	-15.45	peak	

**REMARKS:**

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

### Vertical



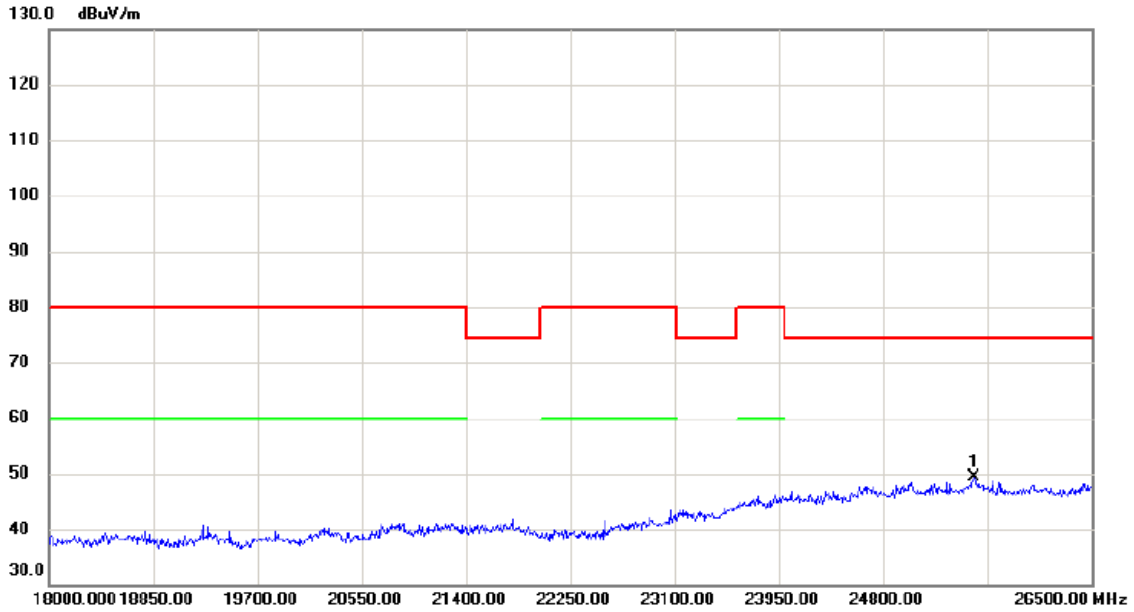
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		17988.000	32.11	19.34	51.45	74.00	-22.55	peak	
2	*	17988.000	23.25	19.34	42.59	54.00	-11.41	AVG	

**REMARKS:**

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

Vertical

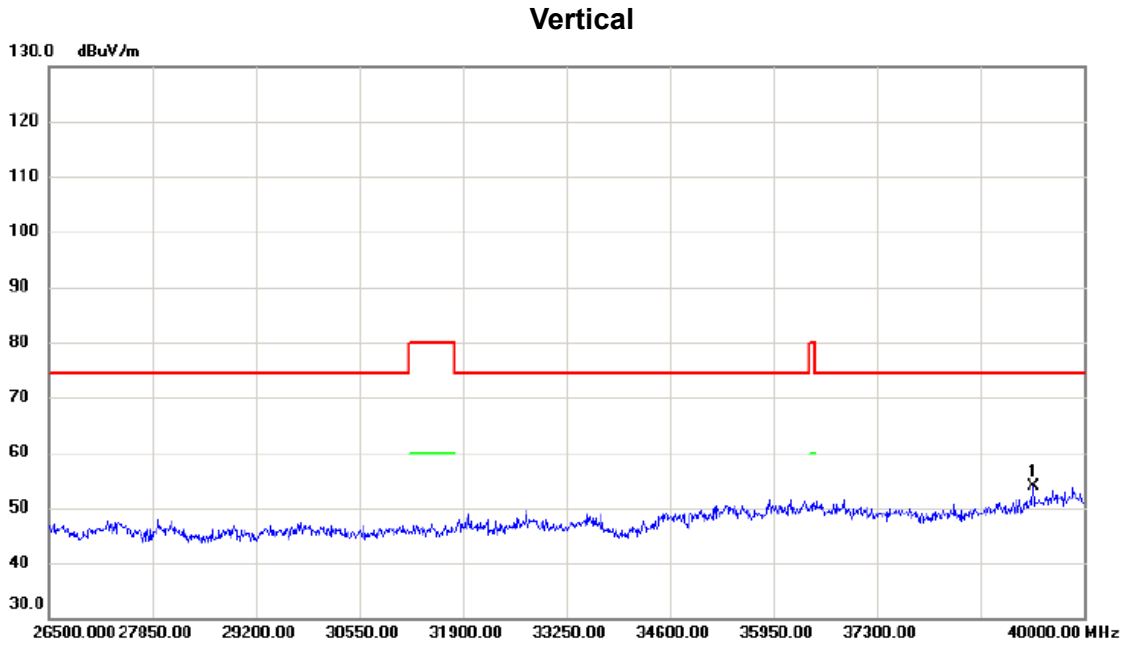


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	25543.750	29.29	20.02	49.31	74.30	-24.99	peak	

REMARKS:

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz



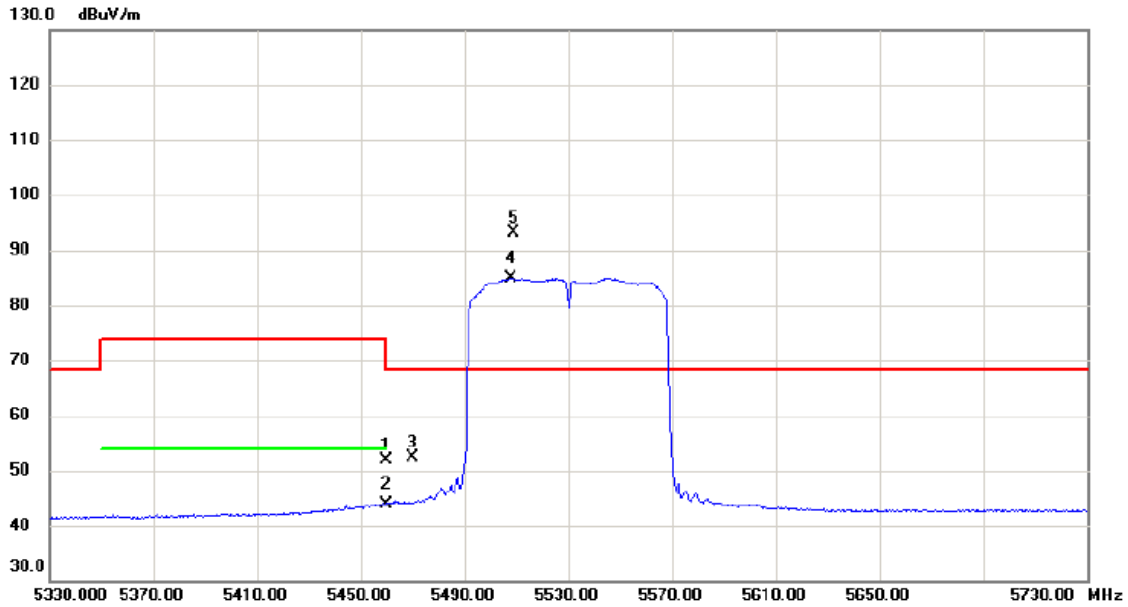
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	39345.250	39.16	14.66	53.82	74.30	-20.48	peak	

**REMARKS:**

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

### Horizontal



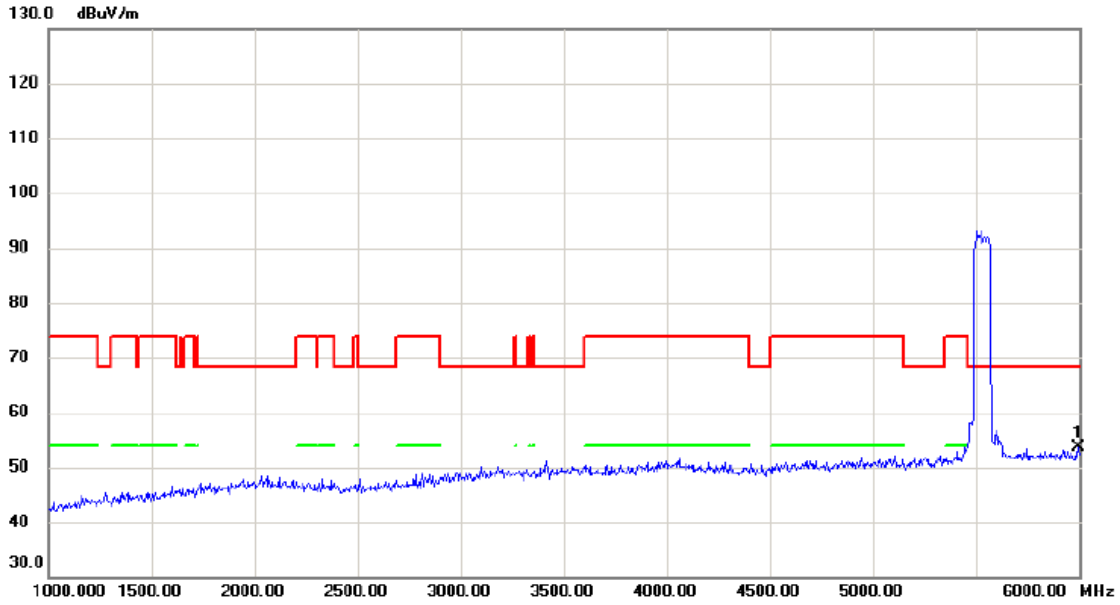
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	36.73	15.06	51.79	74.00	-22.21	peak	
2		5460.000	28.88	15.06	43.94	54.00	-10.06	AVG	
3		5470.000	37.42	15.08	52.50	68.30	-15.80	peak	
4	X	5508.000	69.68	15.16	84.84	68.30	16.54	AVG	No Limit
5	*	5509.000	77.97	15.16	93.13	68.30	24.83	peak	No Limit

**REMARKS:**

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

### Horizontal



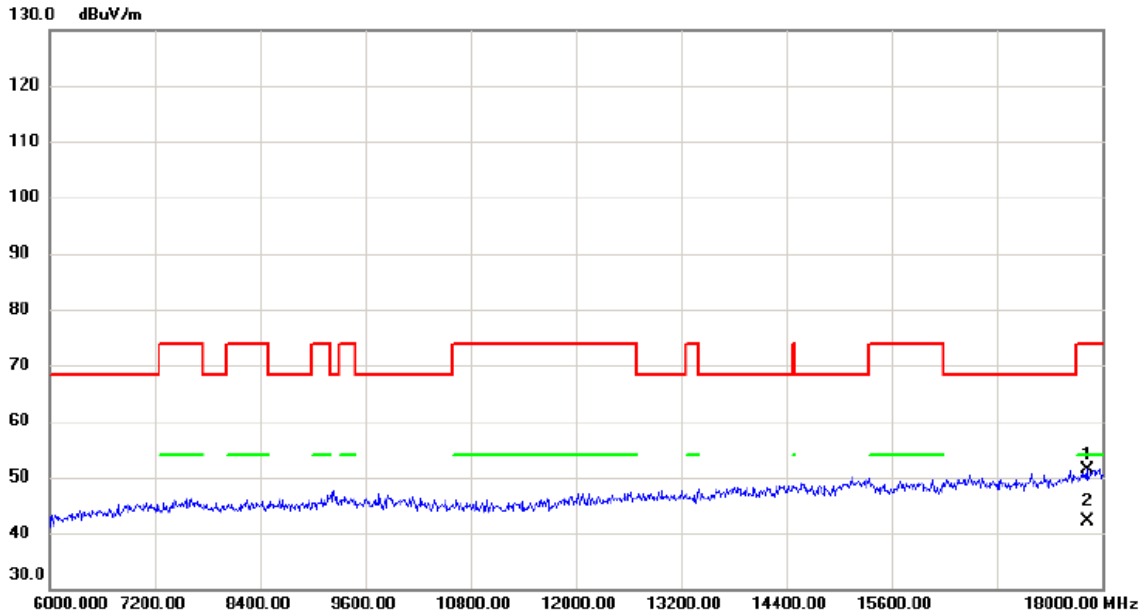
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5997.500	37.33	16.33	53.66	68.30	-14.64	peak	

**REMARKS:**

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		17826.000	32.54	18.92	51.46	74.00	-22.54	peak	
2	*	17826.000	23.25	18.92	42.17	54.00	-11.83	AVG	

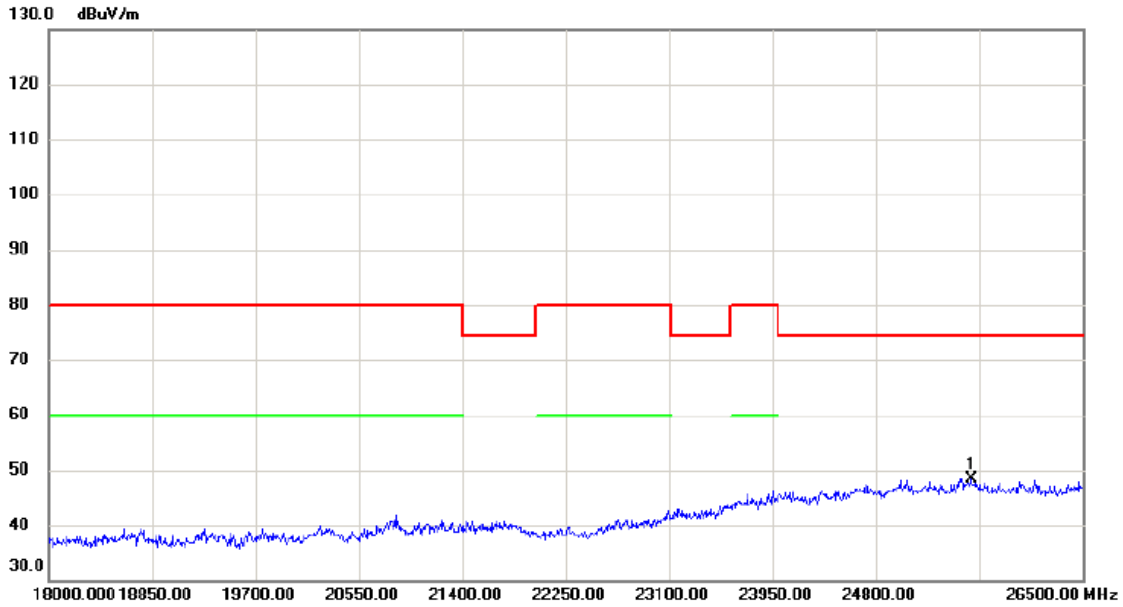
**REMARKS:**

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



Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

### Horizontal



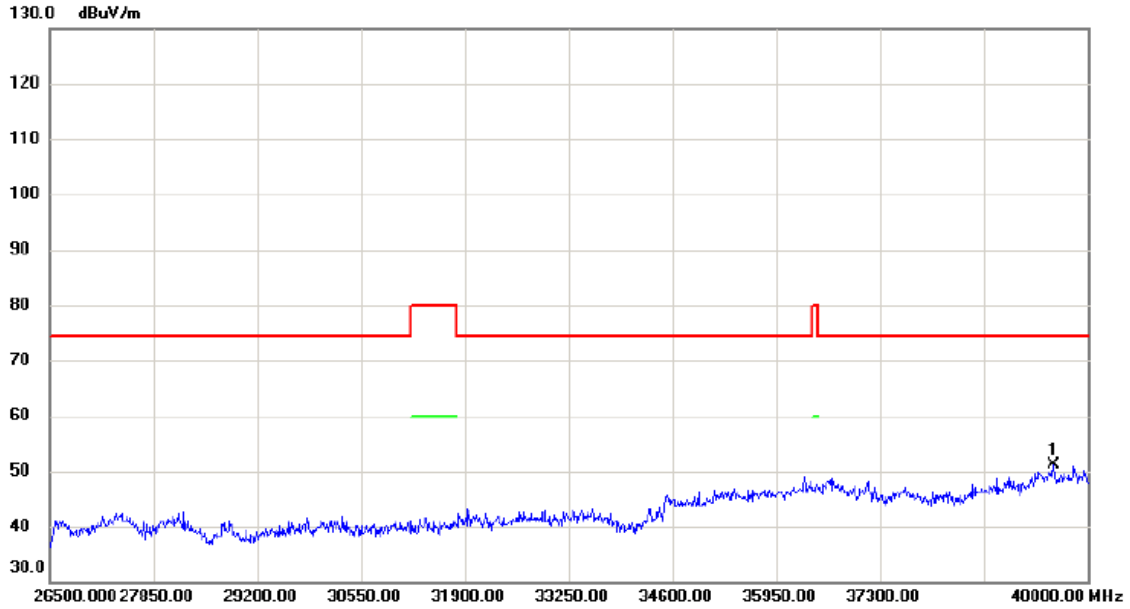
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	25582.000	28.43	19.99	48.42	74.30	-25.88	peak	

**REMARKS:**

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

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	39554.500	35.83	15.34	51.17	74.30	-23.13	peak	

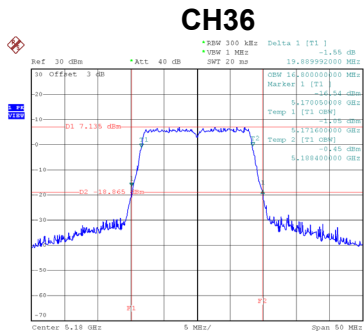
**REMARKS:**

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

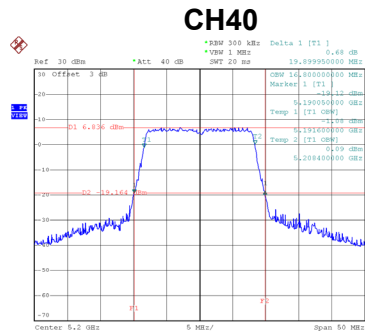
## APPENDIX E - BANDWIDTH

Test Mode	UNII-1_TX A Mode
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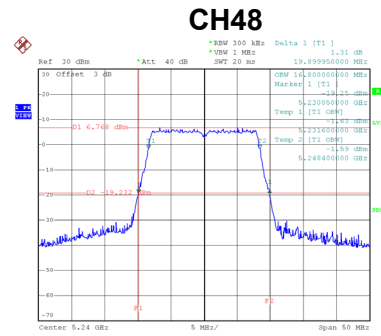
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	19.89	16.80
40	5200	19.90	16.80
48	5240	19.90	16.80



Date: 16.APR.2019 18:04:32



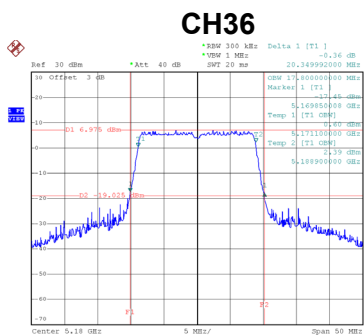
Date: 16.APR.2019 18:05:34



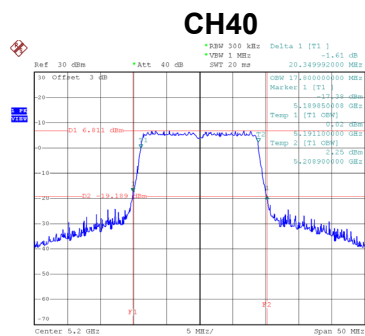
Date: 16.APR.2019 18:06:29

Test Mode	UNII-1_TX N (HT20) Mode
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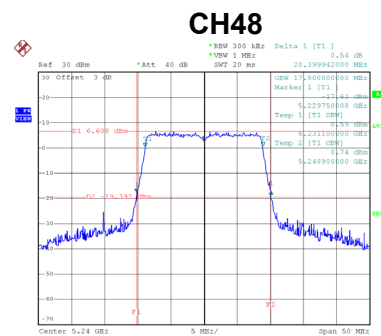
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	20.35	17.80
40	5200	20.35	17.80
48	5240	20.40	17.80



Date: 16.APR.2019 18:20:32



Date: 16.APR.2019 18:21:33

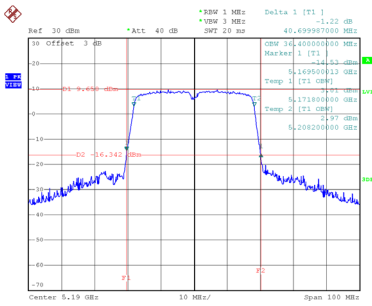


Date: 16.APR.2019 18:22:54

Test Mode	UNII-1_TX N (HT40) Mode
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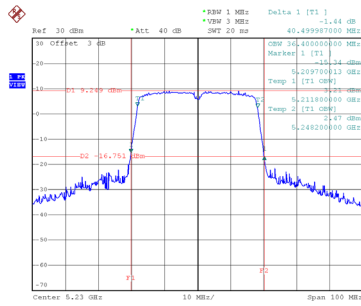
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	40.70	36.40
46	5230	40.50	36.40

**CH38**



Date: 16,APR,2019 18:48:21

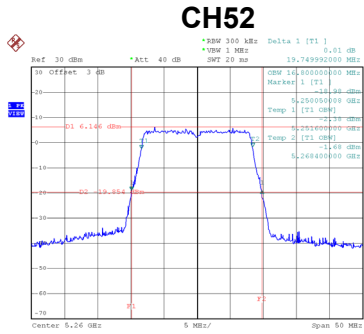
**CH46**



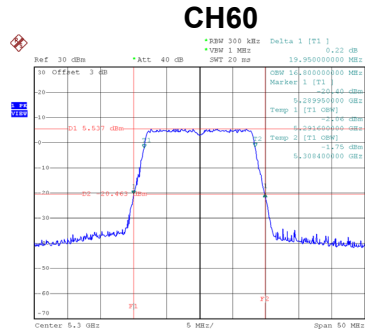
Date: 16,APR,2019 18:49:26

Test Mode	UNII-2A_TX A Mode
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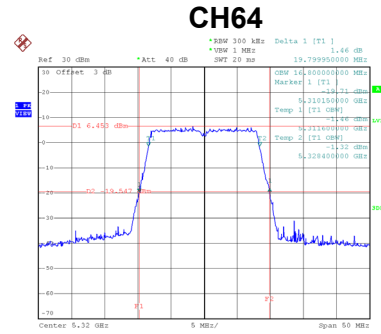
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	19.75	16.80
60	5300	19.95	16.80
64	5320	19.80	16.80



Date: 16.APR.2019 18:07:28



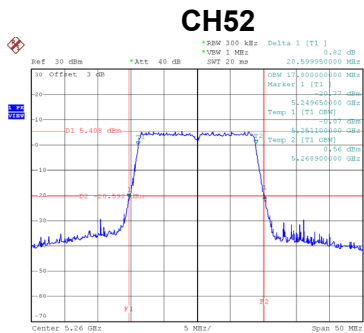
Date: 16.APR.2019 18:08:39



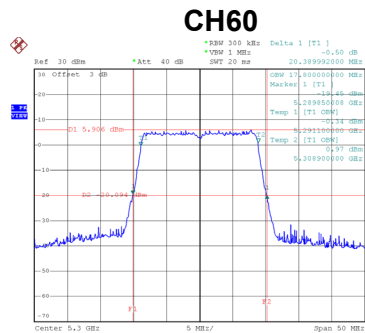
Date: 16.APR.2019 18:10:03

Test Mode	UNII-2A_TX N (HT20) Mode
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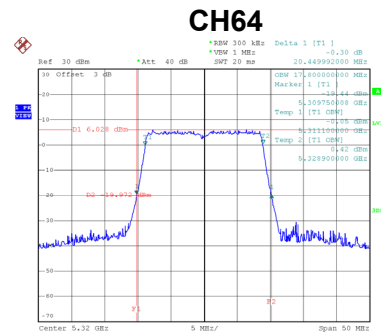
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	20.60	17.80
60	5300	20.39	17.80
64	5320	20.45	17.80



Date: 16.APR.2019 18:25:19



Date: 16.APR.2019 18:26:21

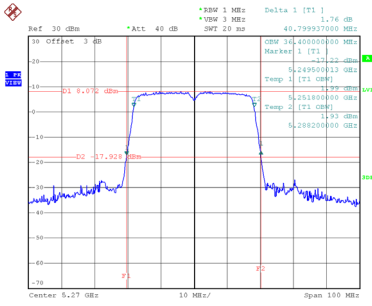


Date: 16.APR.2019 18:27:35

Test Mode UNII-2A\_TX N (HT40) Mode

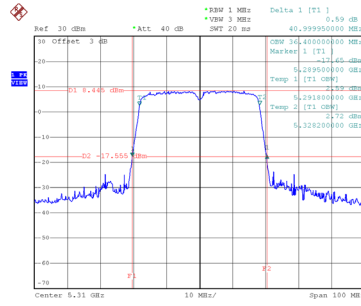
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
54	5270	40.80	36.40
62	5310	41.00	36.40

CH54



Date: 16,APR,2019 18:50:31

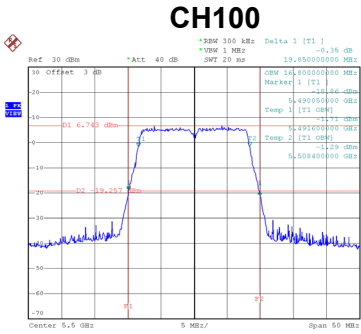
CH62



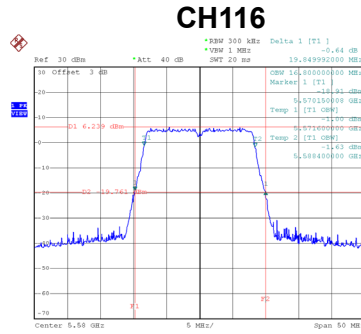
Date: 16,APR,2019 18:51:27

Test Mode	UNII-2C_TX A Mode
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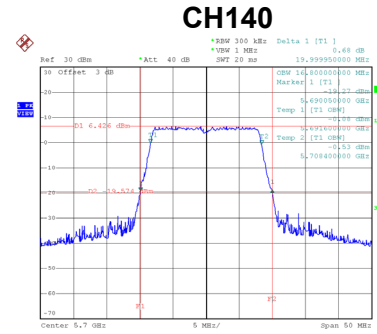
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
100	5500	19.85	16.80
116	5580	19.85	16.80
140	5700	20.00	16.80



Date: 16.APR.2019 18:11:00



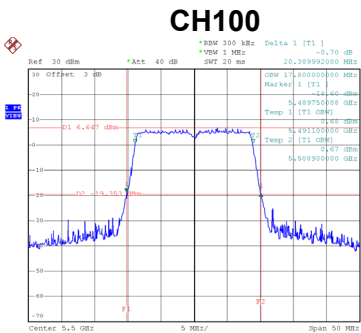
Date: 16.APR.2019 18:11:50



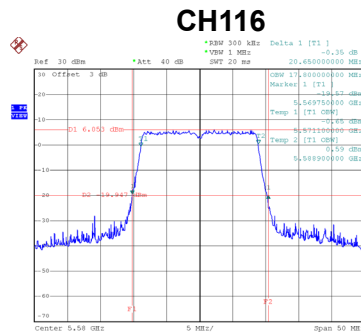
Date: 16.APR.2019 18:12:54

Test Mode	UNII-2C_TX N (HT20) Mode
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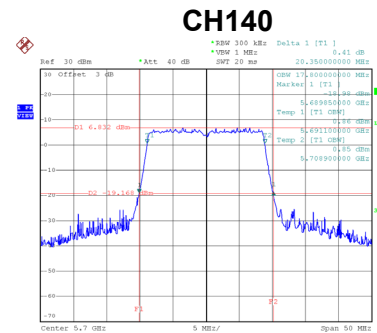
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
100	5500	20.39	17.80
116	5580	20.65	17.80
140	5700	20.35	17.80



Date: 16.APR.2019 18:28:32



Date: 16.APR.2019 18:29:29

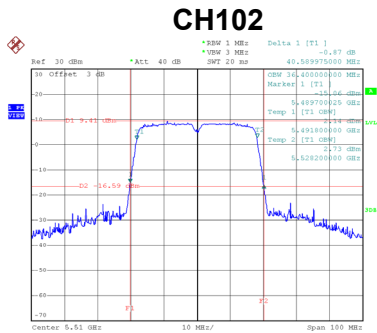


Date: 16.APR.2019 18:30:48

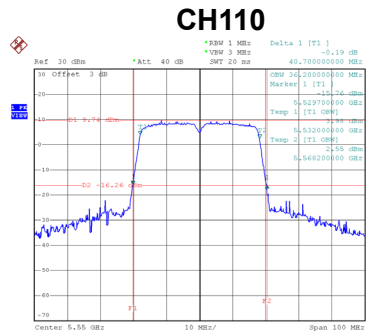


Test Mode	UNII-2C_TX N (HT40) Mode
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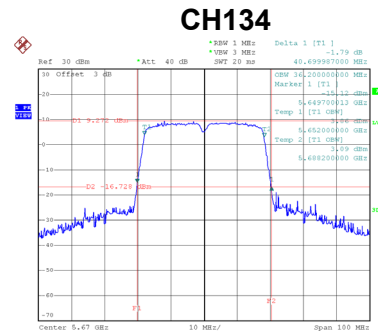
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
102	5510	40.59	36.40
110	5550	40.70	36.20
134	5670	40.70	36.20



Date: 16.APR.2019 18:52:29



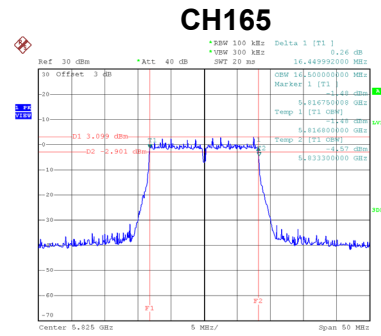
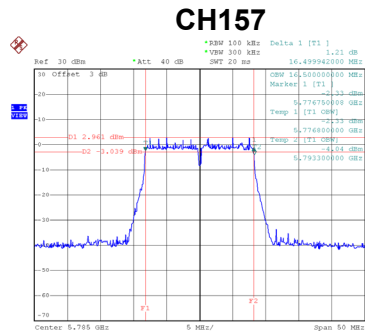
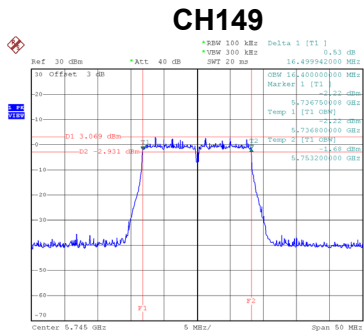
Date: 16.APR.2019 18:54:08



Date: 16.APR.2019 18:55:11

<b>Test Mode</b>	<b>UNII-3_TX A Mode</b>
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.50	16.40	500	Complies
157	5785	16.50	16.50	500	Complies
165	5825	16.45	16.50	500	Complies



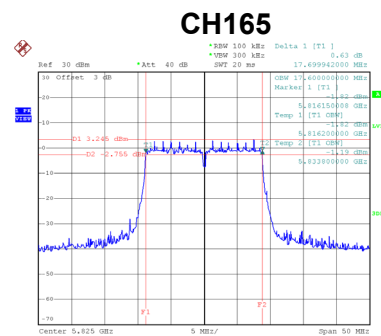
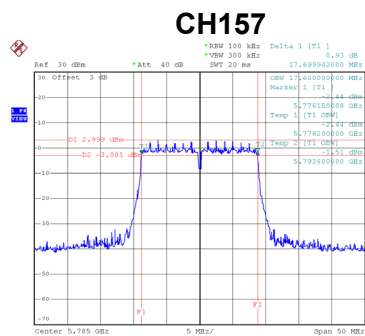
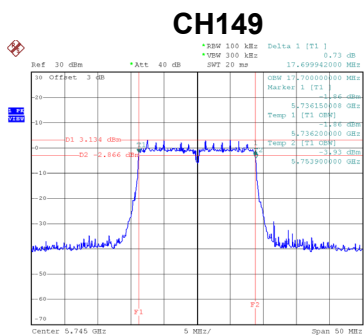
Date: 16.APR.2019 18:13:59

Date: 16.APR.2019 18:17:15

Date: 16.APR.2019 18:18:20

<b>Test Mode</b>	<b>UNII-3_TX N (HT20) Mode</b>
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.70	17.70	500	Complies
157	5785	17.70	17.60	500	Complies
165	5825	17.70	17.60	500	Complies



Date: 16.APR.2019 18:31:55

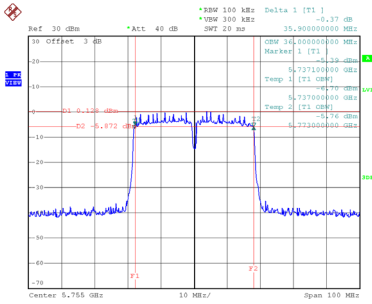
Date: 16.APR.2019 18:33:03

Date: 16.APR.2019 18:34:04

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

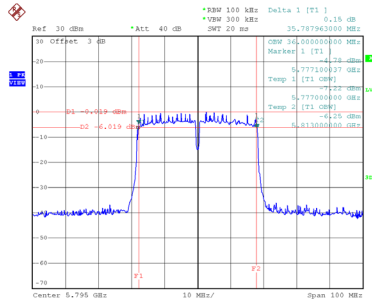
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	35.90	36.00	500	Complies
159	5795	35.79	36.00	500	Complies

CH151



Date: 16,APR,2019 18:56:16

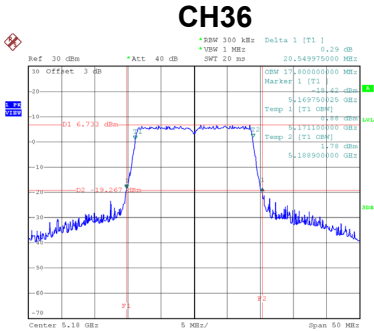
CH159



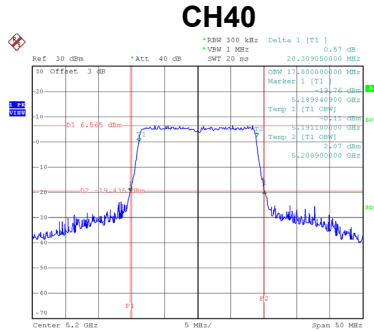
Date: 16,APR,2019 18:57:04

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

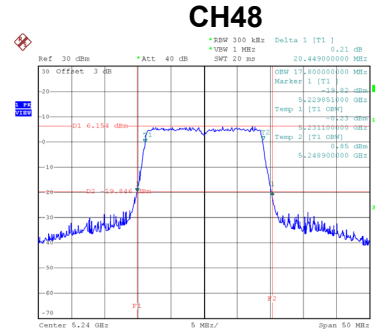
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	20.55	17.80
40	5200	20.31	17.80
48	5240	20.45	17.80



Date: 16.APR.2019 18:35:33



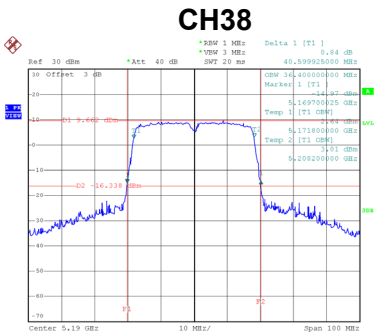
Date: 16.APR.2019 18:36:40



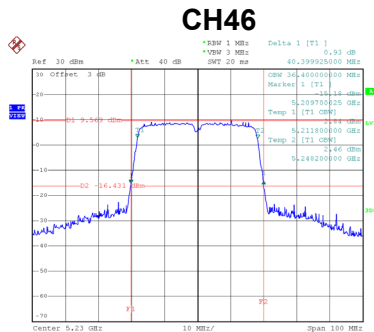
Date: 16.APR.2019 18:37:36

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	40.60	36.40
46	5230	40.40	36.40



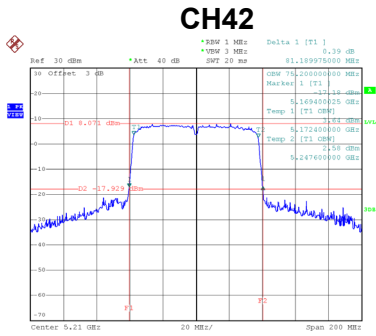
Date: 16.APR.2019 18:58:34



Date: 16.APR.2019 18:59:34

Test Mode	UNII-1_TX AC (VHT80)
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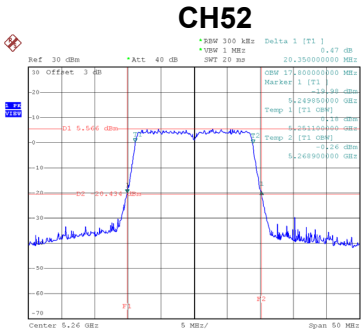
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
42	5210	81.19	75.20



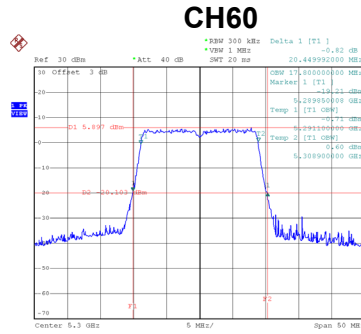
Date: 16.APR.2019 19:39:57

**Test Mode** UNII-2A\_TX AC (VHT20) Mode

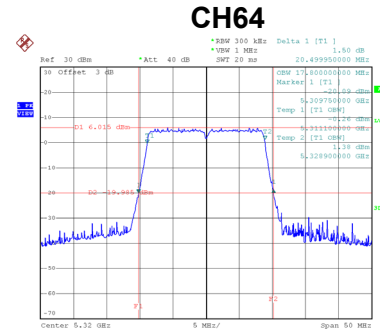
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	20.35	17.80
60	5300	20.45	17.80
64	5320	20.50	17.80



Date: 16.APR.2019 18:38:30



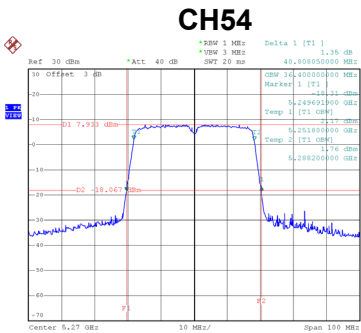
Date: 16.APR.2019 18:39:25



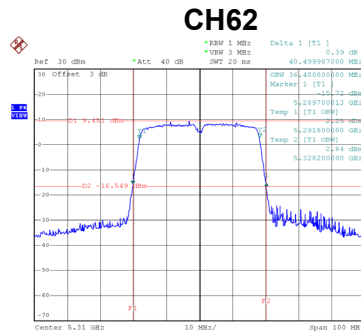
Date: 16.APR.2019 18:40:26

**Test Mode** UNII-2A\_TX AC (VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
54	5270	40.81	36.40
62	5310	40.50	36.40



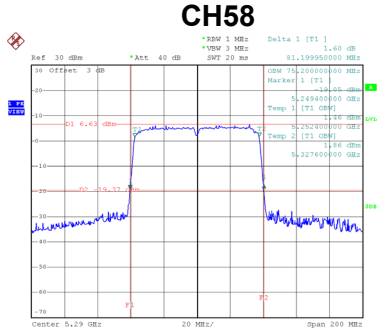
Date: 16.APR.2019 19:00:44



Date: 16.APR.2019 19:01:46

Test Mode	UNII-2A_TX AC (VHT80)
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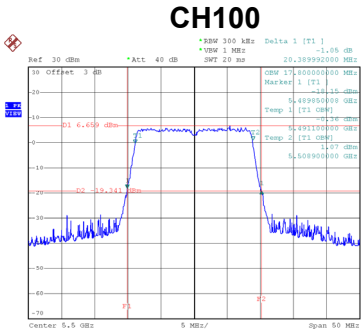
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
58	5290	81.20	75.20



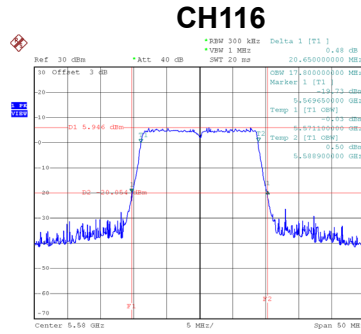
Date: 16.APR.2019 19:41:16

**Test Mode UNII-2C\_TX AC (VHT20) Mode**

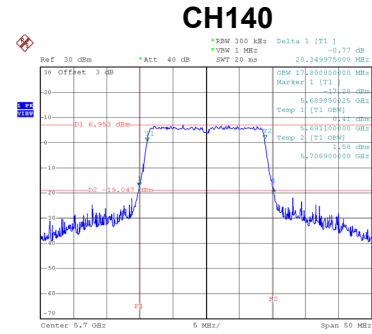
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
100	5500	20.39	17.80
116	5580	20.65	17.80
140	5700	20.35	17.80



Date: 16.APR.2019 18:41:21



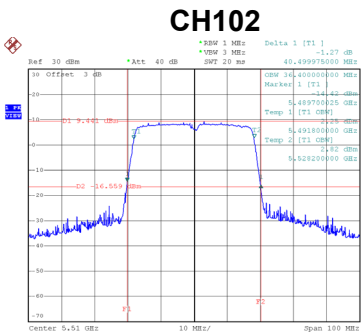
Date: 16.APR.2019 18:42:22



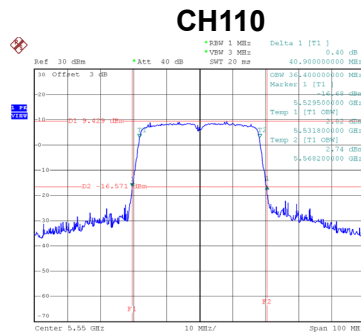
Date: 16.APR.2019 18:43:24

**Test Mode UNII-2C\_TX AC (VHT40) Mode**

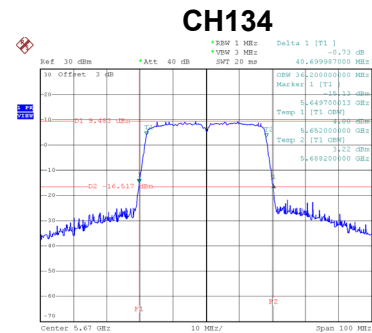
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
102	5510	40.50	36.40
110	5550	40.90	36.40
134	5670	40.70	36.20



Date: 16.APR.2019 19:02:51



Date: 16.APR.2019 19:03:50

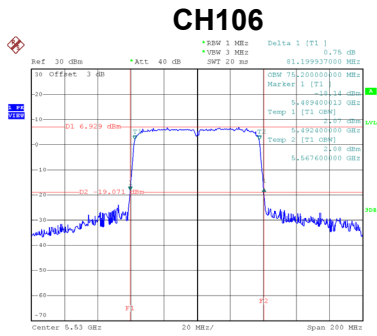


Date: 16.APR.2019 19:04:49

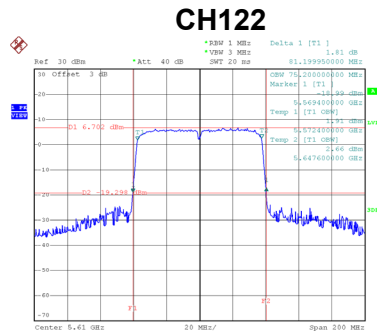


Test Mode	UNII-2C_TX AC (VHT80)
-----------	-----------------------

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
106	5530	81.20	75.20
122	5610	81.20	75.20



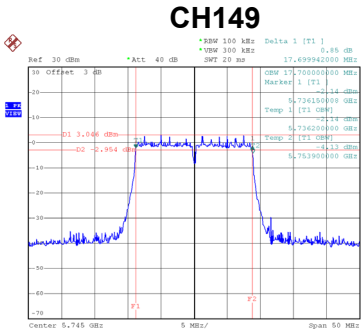
Date: 16.APR.2019 19:42:21



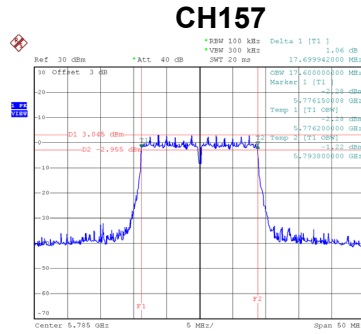
Date: 16.APR.2019 19:43:43

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

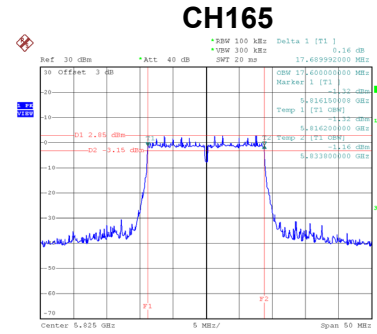
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.70	17.70	500	Complies
157	5785	17.70	17.60	500	Complies
165	5825	17.69	17.60	500	Complies



Date: 16.APR.2019 18:44:43



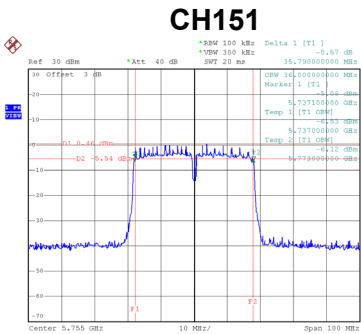
Date: 16.APR.2019 18:45:51



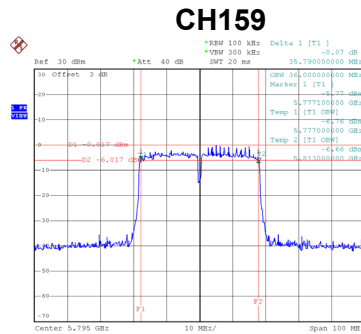
Date: 16.APR.2019 18:46:58

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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	35.79	36.00	500	Complies
159	5795	35.79	36.00	500	Complies



Date: 16.APR.2019 19:06:01

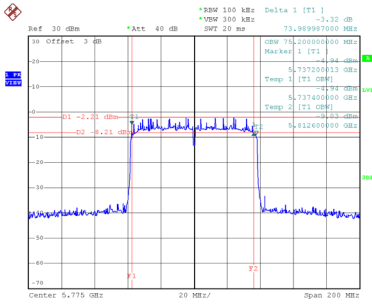


Date: 16.APR.2019 19:27:39

Test Mode	UNII-3_TX AC (VHT80)
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	73.99	75.20	500	Complies

### CH155



Date: 16.APR.2019 10:45:20

## APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	UNII-1_TX A Mode
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	14.04	0.10	14.14	24.00	0.25	Complies
40	5200	13.92	0.10	14.02	24.00	0.25	Complies
48	5240	13.85	0.10	13.95	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	14.02	0.13	14.15	24.00	0.25	Complies
40	5200	13.82	0.13	13.95	24.00	0.25	Complies
48	5240	14.09	0.13	14.22	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.77	0.36	14.13	24.00	0.25	Complies
46	5230	13.76	0.36	14.12	24.00	0.25	Complies

Test Mode	UNII-2A_TX A Mode
-----------	-------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	13.71	0.10	13.81	24.00	0.25	Complies
60	5300	13.78	0.10	13.88	24.00	0.25	Complies
64	5320	13.73	0.10	13.83	24.00	0.25	Complies

Test Mode	UNII-2A_TX N (HT20) Mode
-----------	--------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	13.61	0.13	13.74	24.00	0.25	Complies
60	5300	13.47	0.13	13.60	24.00	0.25	Complies
64	5320	13.51	0.13	13.64	24.00	0.25	Complies

Test Mode	UNII-2A_TX N (HT40) Mode
-----------	--------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	13.48	0.36	13.84	24.00	0.25	Complies
62	5310	13.70	0.36	14.06	24.00	0.25	Complies

Test Mode	UNII-2C_TX A Mode
-----------	-------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	13.91	0.10	14.01	24.00	0.25	Complies
116	5580	13.75	0.10	13.85	24.00	0.25	Complies
140	5700	13.77	0.10	13.87	24.00	0.25	Complies

Test Mode	UNII-2C_TX N (HT20) Mode
-----------	--------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	14.06	0.13	14.19	24.00	0.25	Complies
116	5580	13.92	0.13	14.05	24.00	0.25	Complies
140	5700	13.78	0.13	13.91	24.00	0.25	Complies

Test Mode	UNII-2C_TX N (HT40) Mode
-----------	--------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	13.73	0.36	14.09	24.00	0.25	Complies
110	5550	13.55	0.36	13.91	24.00	0.25	Complies
134	5670	13.36	0.36	13.72	24.00	0.25	Complies

Test Mode	UNII-3_TX A Mode
-----------	------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	13.74	0.10	13.84	30.00	1.00	Complies
157	5785	13.72	0.10	13.82	30.00	1.00	Complies
165	5825	13.78	0.10	13.88	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	13.73	0.13	13.86	30.00	1.00	Complies
157	5785	13.81	0.13	13.94	30.00	1.00	Complies
165	5825	13.84	0.13	13.97	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	13.43	0.36	13.79	30.00	1.00	Complies
159	5795	13.45	0.36	13.81	30.00	1.00	Complies



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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	13.87	0.12	13.99	24.00	0.25	Complies
40	5200	14.04	0.12	14.16	24.00	0.25	Complies
48	5240	14.03	0.12	14.15	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.71	0.36	14.07	24.00	0.25	Complies
46	5230	13.76	0.36	14.12	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	13.93	0.37	14.30	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT20) Mode
-----------	----------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	13.47	0.12	13.59	24.00	0.25	Complies
60	5300	13.77	0.12	13.89	24.00	0.25	Complies
64	5320	13.57	0.12	13.69	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT40) Mode
-----------	----------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	13.44	0.36	13.80	24.00	0.25	Complies
62	5310	13.56	0.36	13.92	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT80) Mode
-----------	----------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	13.52	0.37	13.89	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT20) Mode
-----------	----------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	13.99	0.12	14.11	24.00	0.25	Complies
116	5580	13.87	0.12	13.99	24.00	0.25	Complies
140	5700	13.74	0.12	13.86	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT40) Mode
-----------	----------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	13.77	0.36	14.13	24.00	0.25	Complies
110	5550	13.84	0.36	14.20	24.00	0.25	Complies
134	5670	13.47	0.36	13.83	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT80) Mode
-----------	----------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	13.77	0.37	14.14	24.00	0.25	Complies
122	5610	13.77	0.37	14.14	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	13.73	0.12	13.85	30.00	1.00	Complies
157	5785	13.74	0.12	13.86	30.00	1.00	Complies
165	5825	13.03	0.12	13.15	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	13.48	0.36	13.84	30.00	1.00	Complies
159	5795	13.47	0.36	13.83	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	13.63	0.37	14.00	30.00	1.00	Complies

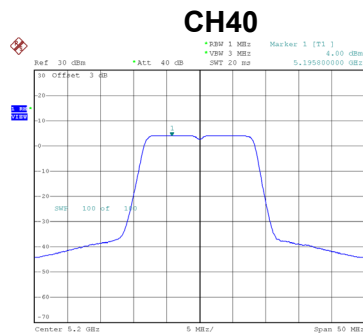
## APPENDIX G - POWER SPECTRAL DENSITY

Test Mode UNII-1\_TX A Mode

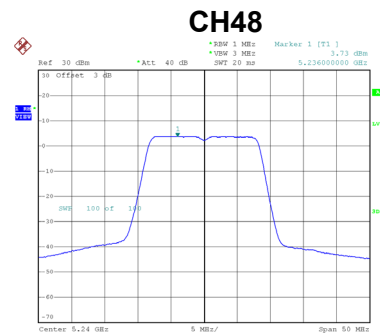
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	4.04	0.10	4.14	11.00	Complies
40	5200	4.00	0.10	4.10	11.00	Complies
48	5240	3.73	0.10	3.83	11.00	Complies



Date: 16.APR.2019 18:04:42



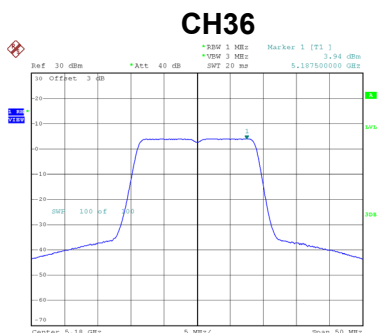
Date: 16.APR.2019 18:05:44



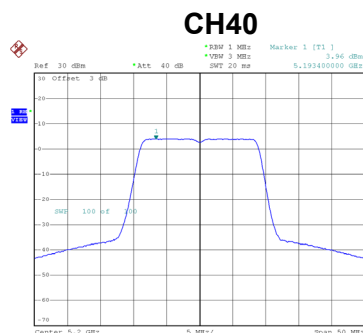
Date: 16.APR.2019 18:06:39

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

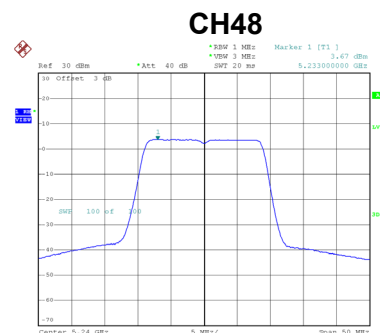
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	3.94	0.13	4.07	11.00	Complies
40	5200	3.96	0.13	4.09	11.00	Complies
48	5240	3.67	0.13	3.80	11.00	Complies



Date: 16.APR.2019 18:20:42



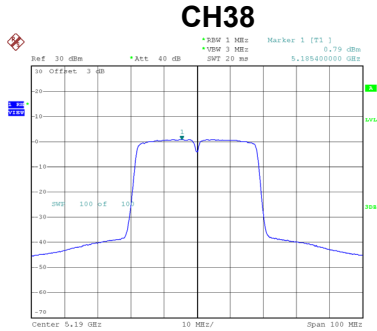
Date: 16.APR.2019 18:21:43



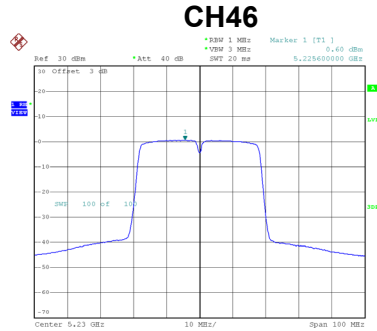
Date: 16.APR.2019 18:23:04

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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	0.79	0.36	1.15	11.00	Complies
46	5230	0.60	0.36	0.96	11.00	Complies



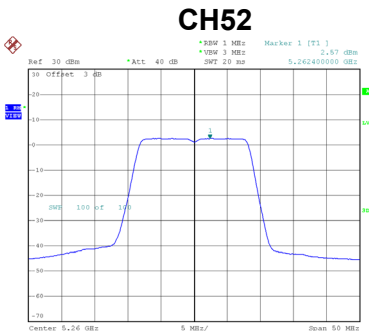
Date: 16.APR.2019 18:48:34



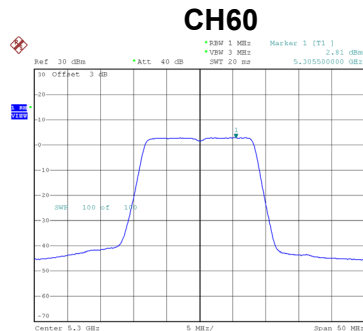
Date: 16.APR.2019 18:49:39

Test Mode UNII-2A\_TX A Mode

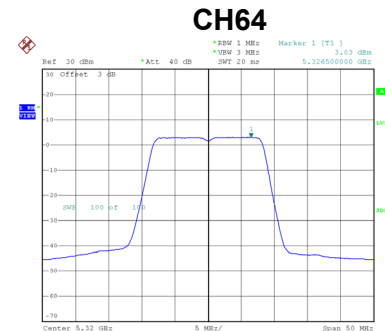
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	2.57	0.10	2.67	11.00	Complies
60	5300	2.81	0.10	2.91	11.00	Complies
64	5320	3.03	0.10	3.13	11.00	Complies



Date: 16.APR.2019 18:07:38



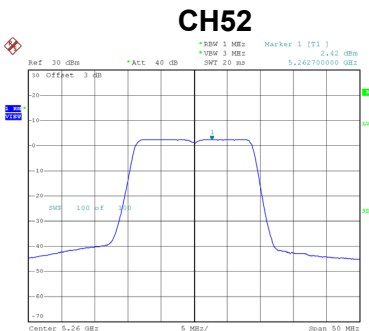
Date: 16.APR.2019 18:08:49



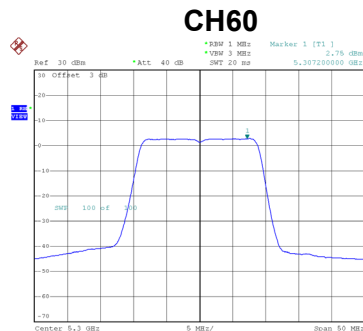
Date: 16.APR.2019 18:10:13

Test Mode UNII-2A\_TX N (HT20) Mode

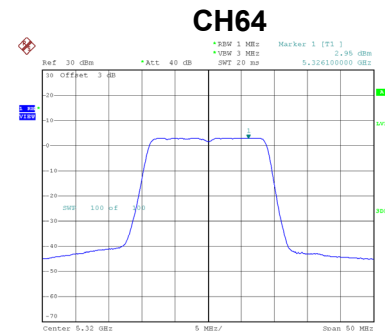
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	2.42	0.13	2.55	11.00	Complies
60	5300	2.75	0.13	2.88	11.00	Complies
64	5320	2.95	0.13	3.08	11.00	Complies



Date: 16.APR.2019 18:25:30



Date: 16.APR.2019 18:26:31



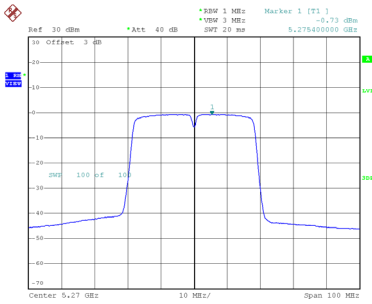
Date: 16.APR.2019 18:27:45



Test Mode UNII-2A\_TX N (HT40) Mode

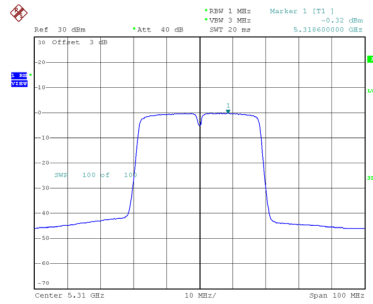
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-0.73	0.36	-0.37	11.00	Complies
62	5310	-0.32	0.36	0.04	11.00	Complies

CH54



Date: 16.APR.2019 18:50:43

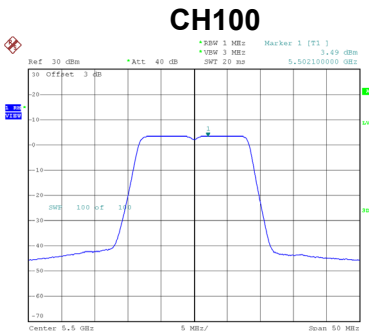
CH62



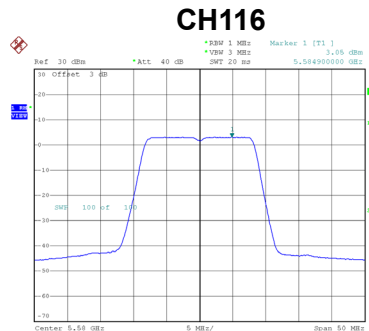
Date: 16.APR.2019 18:51:40

**Test Mode** UNII-2C\_TX A Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	3.49	0.10	3.59	11.00	Complies
116	5580	3.05	0.10	3.15	11.00	Complies
140	5700	3.83	0.10	3.93	11.00	Complies



Date: 16.APR.2019 18:11:10



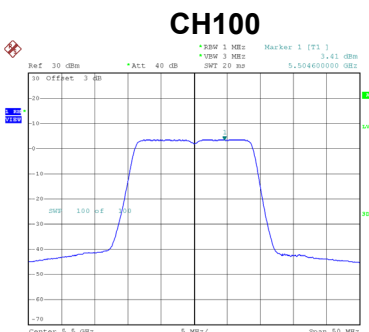
Date: 16.APR.2019 18:12:07



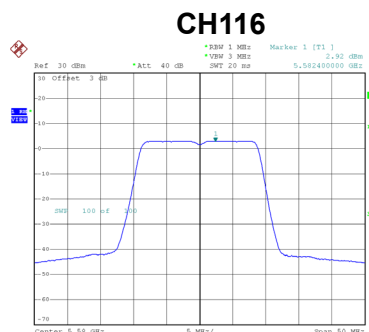
Date: 16.APR.2019 18:13:04

**Test Mode** UNII-2C\_TX N (HT20) Mode

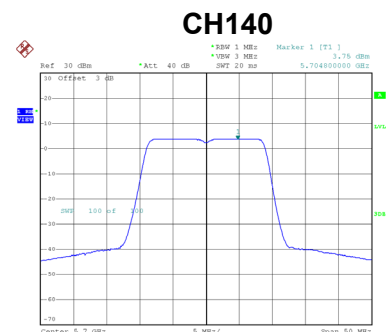
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	3.41	0.13	3.54	11.00	Complies
116	5580	2.92	0.13	3.05	11.00	Complies
140	5700	3.75	0.13	3.88	11.00	Complies



Date: 16.APR.2019 18:28:42



Date: 16.APR.2019 18:29:39

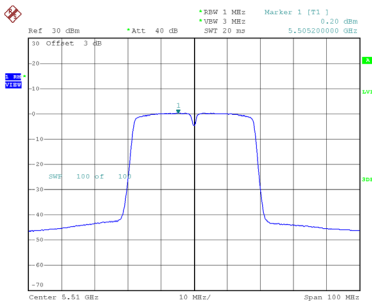


Date: 16.APR.2019 18:30:59

Test Mode UNII-2C\_TX N (HT40) Mode

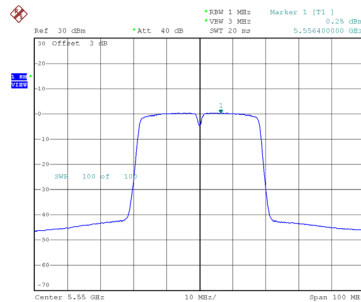
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	0.20	0.36	0.56	11.00	Complies
110	5550	0.25	0.36	0.61	11.00	Complies
134	5670	0.41	0.36	0.77	11.00	Complies

**CH102**



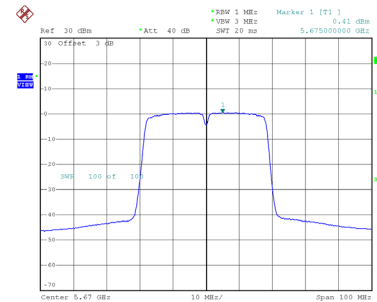
Date: 16.APR.2019 18:52:43

**CH110**



Date: 16.APR.2019 18:54:21

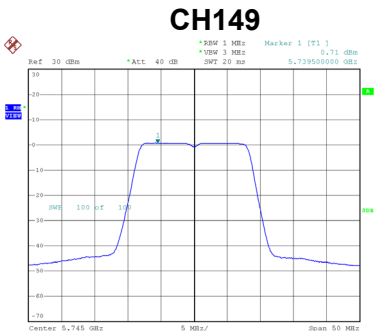
**CH134**



Date: 16.APR.2019 18:55:23

Test Mode UNII-3\_TX A Mode

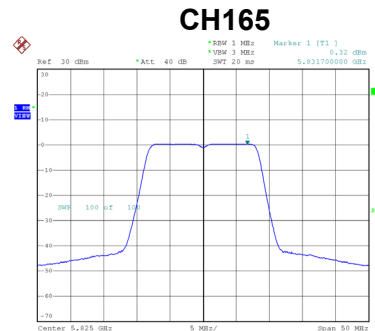
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	0.71	0.10	0.81	30.00	Complies
157	5785	0.38	0.10	0.48	30.00	Complies
165	5825	0.32	0.10	0.42	30.00	Complies



Date: 16.APR.2019 18:14:09



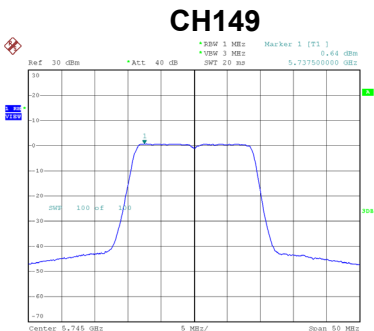
Date: 16.APR.2019 18:17:26



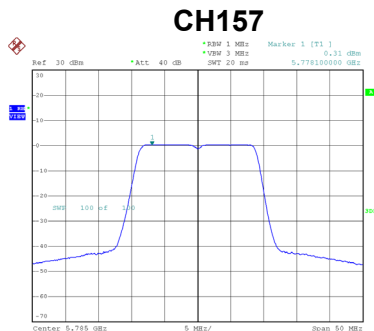
Date: 16.APR.2019 18:18:30

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

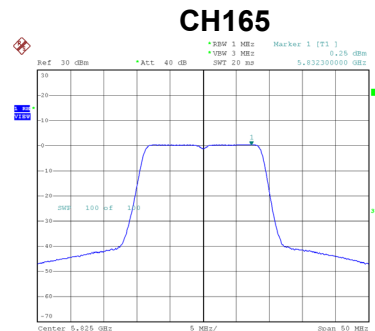
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	0.64	0.13	0.77	30.00	Complies
157	5785	0.31	0.13	0.44	30.00	Complies
165	5825	0.25	0.13	0.38	30.00	Complies



Date: 16.APR.2019 18:32:05



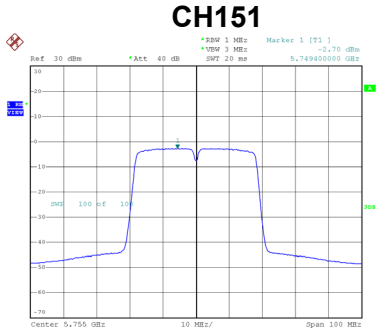
Date: 16.APR.2019 18:33:13



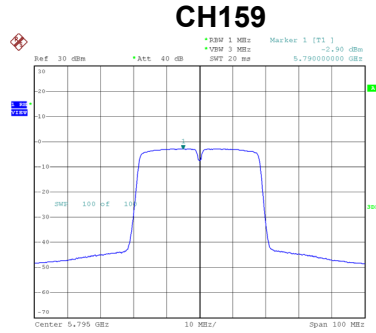
Date: 16.APR.2019 18:34:14

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

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	-2.70	0.36	-2.34	30.00	Complies
159	5795	-2.90	0.36	-2.54	30.00	Complies



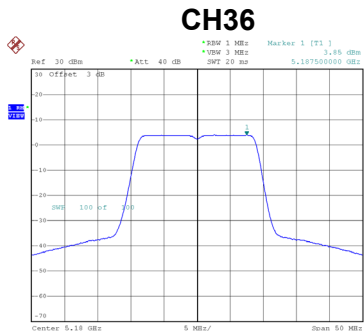
Date: 16.APR.2019 18:56:29



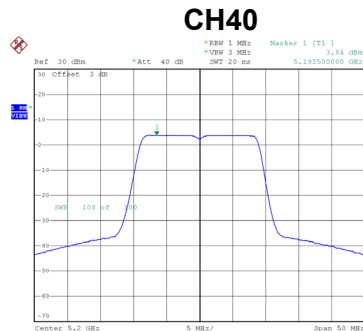
Date: 16.APR.2019 18:57:37

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

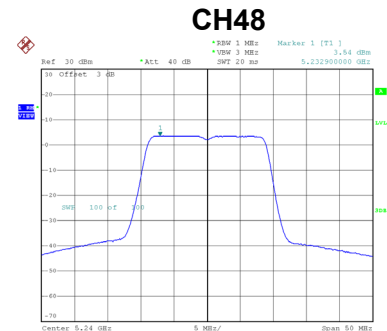
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	3.85	0.12	3.97	11.00	Complies
40	5200	3.84	0.12	3.96	11.00	Complies
48	5240	3.54	0.12	3.66	11.00	Complies



Date: 16.APR.2019 18:35:43



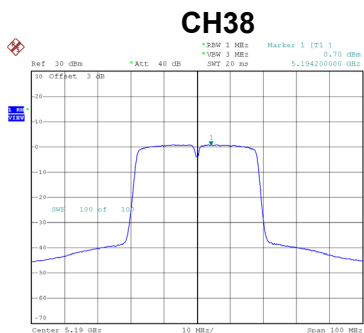
Date: 16.APR.2019 18:36:50



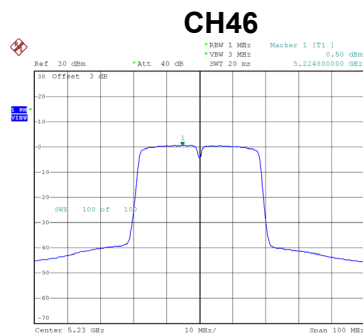
Date: 16.APR.2019 18:37:46

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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	0.70	0.36	1.06	11.00	Complies
46	5230	0.50	0.36	0.86	11.00	Complies



Date: 16.APR.2019 18:58:47

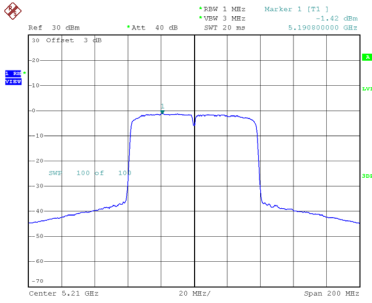


Date: 16.APR.2019 18:59:47

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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-1.42	0.37	-1.05	11.00	Complies

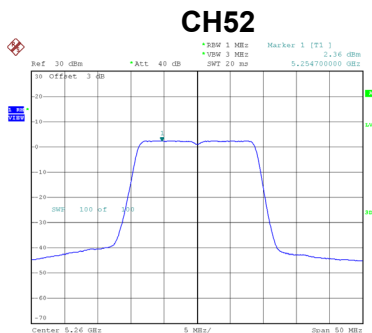
**CH42**



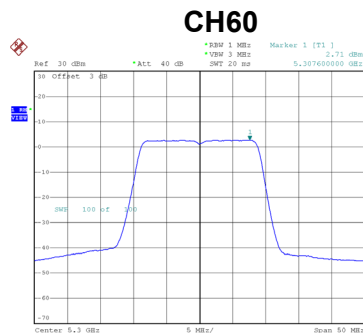
Date: 16.APR.2019 19:40:10

Test Mode UNII-2A\_TX AC (VHT20) Mode

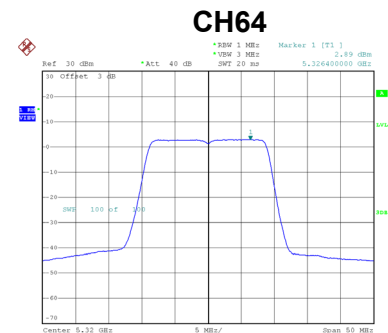
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	2.36	0.12	2.48	11.00	Complies
60	5300	2.71	0.12	2.83	11.00	Complies
64	5320	2.89	0.12	3.01	11.00	Complies



Date: 16.APR.2019 18:38:40



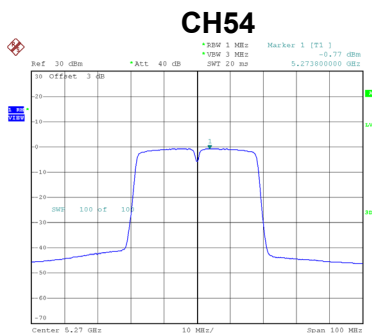
Date: 16.APR.2019 18:39:35



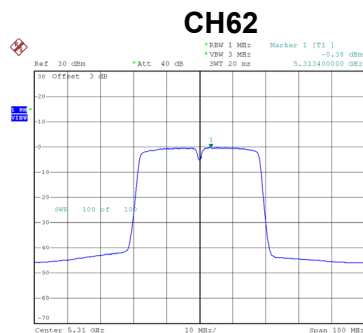
Date: 16.APR.2019 18:40:36

Test Mode UNII-2A\_TX AC (VHT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-0.77	0.36	-0.41	11.00	Complies
62	5310	-0.38	0.36	-0.02	11.00	Complies



Date: 16.APR.2019 19:00:58



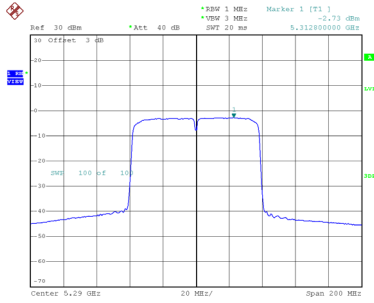
Date: 16.APR.2019 19:01:59



Test Mode UNII-2A\_TX AC (VHT80) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-2.73	0.37	-2.36	11.00	Complies

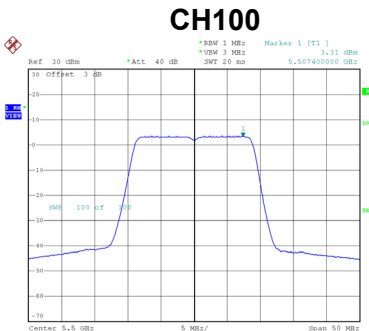
**CH58**



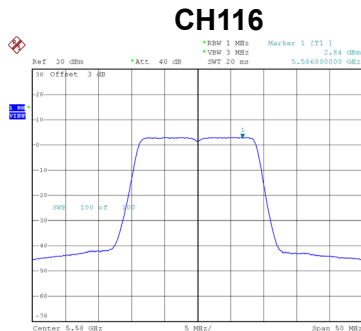
Date: 16.APR.2019 19:41:29

**Test Mode** UNII-2C\_TX AC (VHT20) Mode

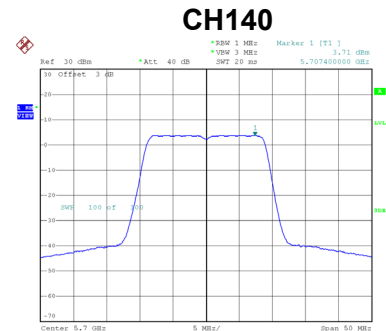
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	3.31	0.12	3.43	11.00	Complies
116	5580	2.84	0.12	2.96	11.00	Complies
140	5700	3.71	0.12	3.83	11.00	Complies



Date: 16.APR.2019 18:41:31



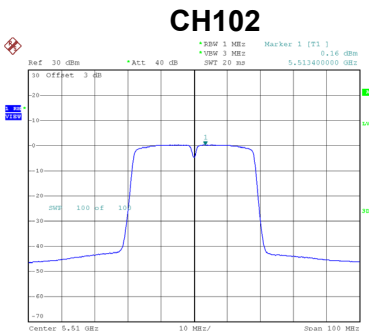
Date: 16.APR.2019 18:42:32



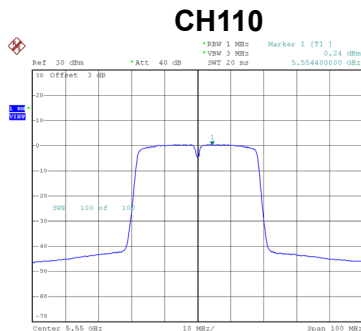
Date: 16.APR.2019 18:43:34

**Test Mode** UNII-2C\_TX AC (VHT40) Mode

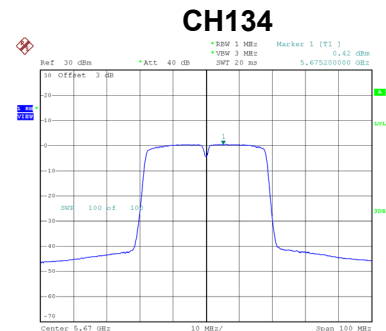
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	0.16	0.36	0.52	11.00	Complies
110	5550	0.24	0.36	0.60	11.00	Complies
134	5670	0.42	0.36	0.78	11.00	Complies



Date: 16.APR.2019 19:03:04



Date: 16.APR.2019 19:04:03

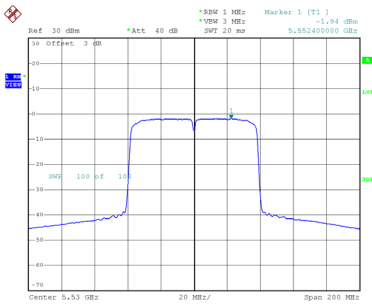


Date: 16.APR.2019 19:05:02

Test Mode UNII-2C\_TX AC (VHT80) Mode

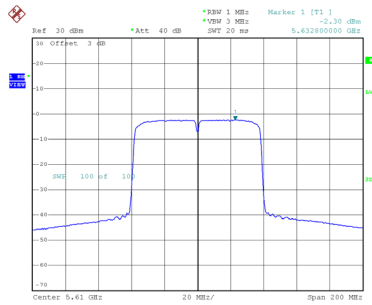
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-1.94	0.37	-1.57	11.00	Complies
122	5610	-2.30	0.37	-1.93	11.00	Complies

CH106



Date: 16.APR.2019 19:42:34

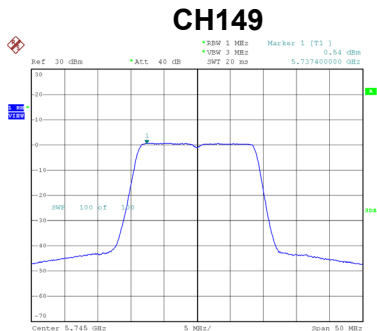
CH122



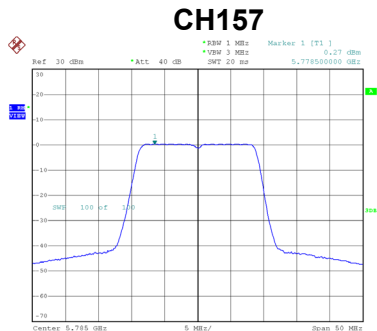
Date: 16.APR.2019 19:43:56

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

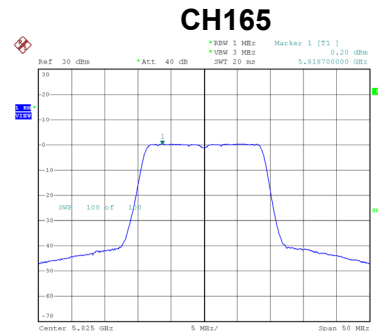
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	0.54	0.12	0.66	30.00	Complies
157	5785	0.27	0.12	0.39	30.00	Complies
165	5825	0.20	0.12	0.32	30.00	Complies



Date: 16.APR.2019 18:44:54



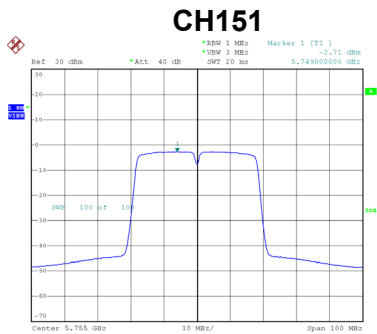
Date: 16.APR.2019 18:46:02



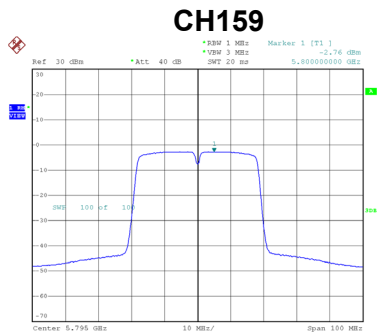
Date: 16.APR.2019 18:47:08

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

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	-2.71	0.36	-2.35	30.00	Complies
159	5795	-2.76	0.36	-2.40	30.00	Complies



Date: 16.APR.2019 19:06:14

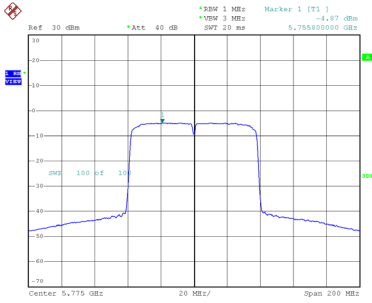


Date: 16.APR.2019 19:27:53

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

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	-4.87	0.37	-4.50	30.00	Complies

**CH155**



Date: 16.APR.2019 19:45:33

## APPENDIX H - FREQUENCY STABILITY

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

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
120	5179.9800
132	5179.9999
108	5179.9948
Maximum Deviation (MHz)	0.0200
Maximum Deviation (ppm)	3.8658

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5180.0000
10	5180.0000
20	5180.0000
30	5179.9999
35	5179.9950
Maximum Deviation (MHz)	0.0050
Maximum Deviation (ppm)	0.9653

Test Mode	UNII-2A
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**Voltage vs. Frequency Stability**

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
132	5260.0150
120	5259.9999
108	5259.9999
Maximum Deviation (MHz)	0.0150
Maximum Deviation (ppm)	2.8541

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5260.0000
0	5260.0150
10	5260.0200
20	5259.9950
30	5259.9999
35	5260.0150
Maximum Deviation (MHz)	0.0200
Maximum Deviation (ppm)	3.7999



Test Mode	UNII-2C
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**Voltage vs. Frequency Stability**

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
132	5499.9999
120	5499.9950
108	5500.0150
Maximum Deviation (MHz)	0.0150
Maximum Deviation (ppm)	2.7295

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5500.0000
0	5500.0102
10	5499.9950
20	5500.0150
30	5499.9999
35	5500.0150
Maximum Deviation (MHz)	0.0150
Maximum Deviation (ppm)	2.7295

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

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0150
120	5745.0000
108	5745.0000
Maximum Deviation (MHz)	0.0150
Maximum Deviation (ppm)	2.6131

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5745.0150
10	5745.0000
20	5745.0150
30	5744.9999
35	5745.0200
Maximum Deviation (MHz)	0.0200
Maximum Deviation (ppm)	3.4791

**End of Test Report**