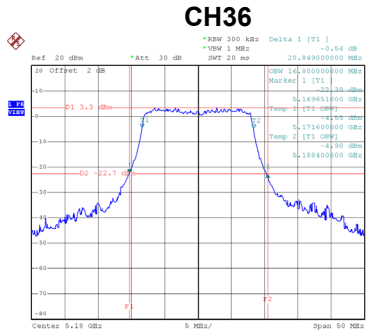


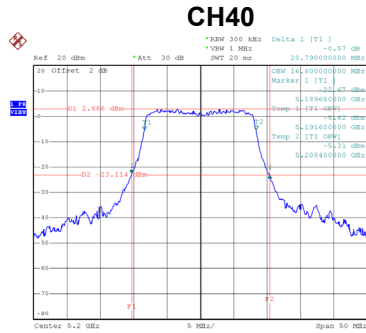
## APPENDIX E - BANDWIDTH

Test Mode	UNII-1_TX A Mode
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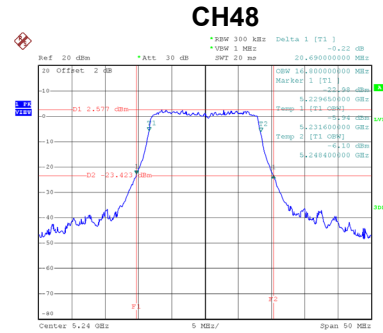
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	20.85	16.80
40	5200	20.79	16.80
48	5240	20.69	16.80



Date: 14.FEB.2020 14:51:16



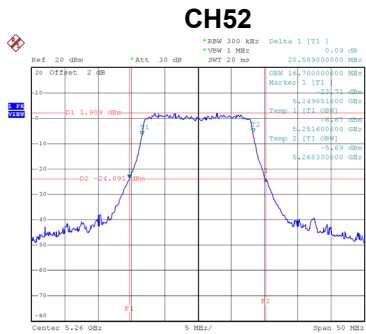
Date: 14.FEB.2020 14:52:27



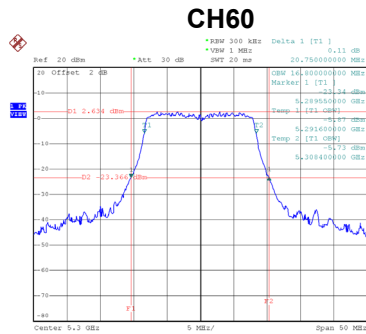
Date: 14.FEB.2020 14:53:33

Test Mode	UNII-2A_TX A Mode
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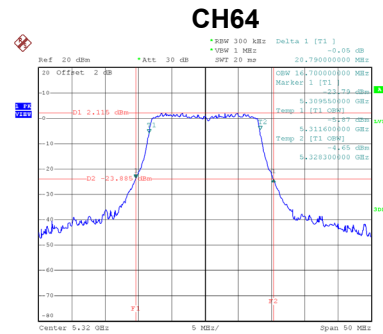
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	20.59	16.70
60	5300	20.75	16.80
64	5320	20.79	16.70



Date: 14.FEB.2020 14:54:45



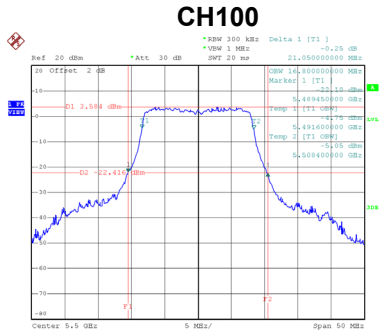
Date: 14.FEB.2020 14:55:51



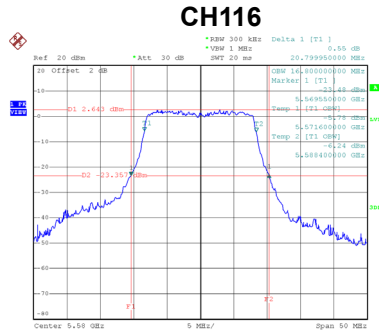
Date: 14.FEB.2020 14:56:54

Test Mode	UNII-2C_TX A Mode
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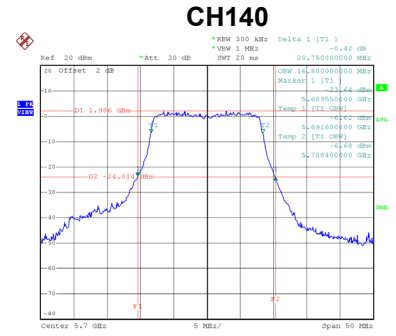
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
100	5500	21.05	16.80
116	5580	20.80	16.80
140	5700	20.75	16.80



Date: 14.FEB.2020 14:58:00



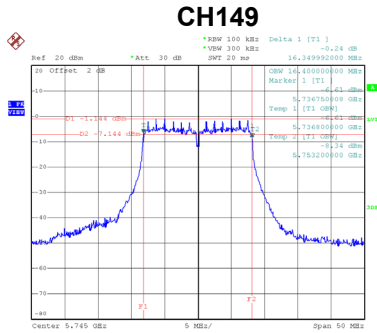
Date: 14.FEB.2020 14:59:07



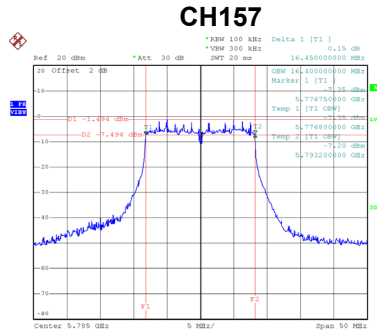
Date: 14.FEB.2020 15:00:03

Test Mode	UNII-3_TX A Mode
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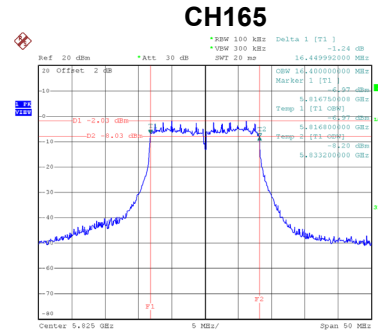
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.35	500	Complies
157	5785	16.45	500	Complies
165	5825	16.45	500	Complies



Date: 14.FEB.2020 15:01:24

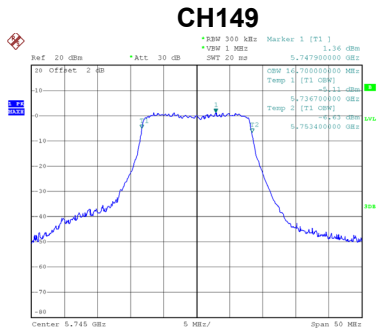


Date: 14.FEB.2020 15:03:38

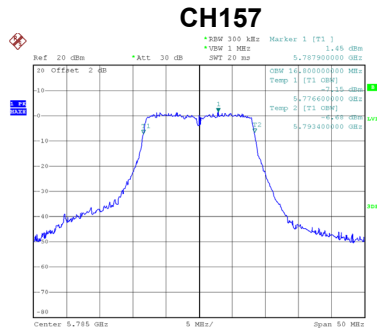


Date: 14.FEB.2020 15:05:13

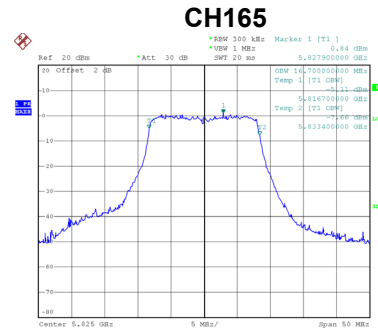
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
149	5745	16.70	Complies
157	5785	16.80	Complies
165	5825	16.70	Complies



Date: 14.FEB.2020 15:01:56



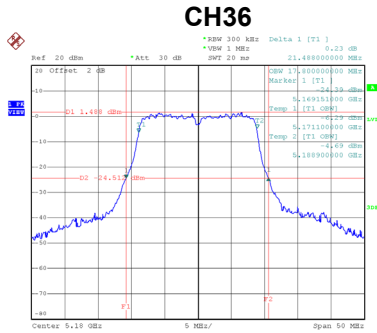
Date: 14.FEB.2020 15:02:12



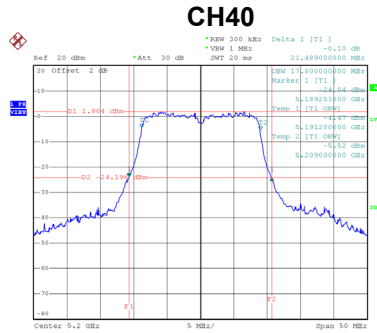
Date: 14.FEB.2020 15:05:24

Test Mode	UNII-1_TX AC (VHT20) Mode
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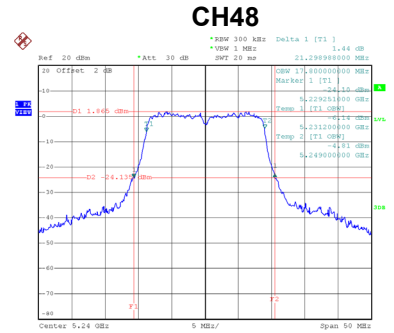
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	21.49	17.80
40	5200	21.49	17.80
48	5240	21.30	17.80



Date: 14.FEB.2020 15:06:55



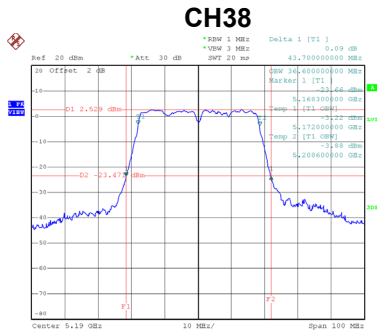
Date: 14.FEB.2020 15:07:55



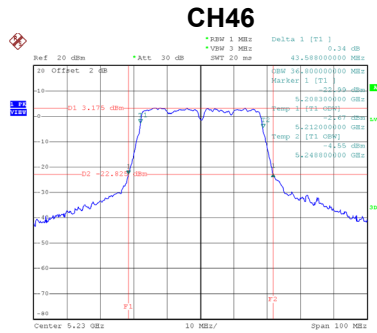
Date: 14.FEB.2020 15:09:00

Test Mode	UNII-1_TX AC (VHT40) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	43.70	36.60
46	5230	43.59	36.80



Date: 14.FEB.2020 15:21:32

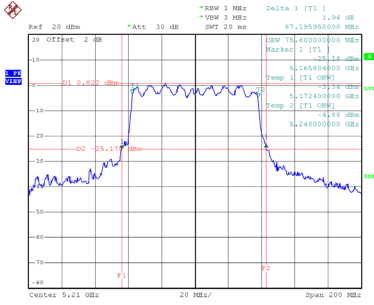


Date: 14.FEB.2020 15:22:26

Test Mode	UNII-1_TX AC (VHT80) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
42	5210	87.20	75.60

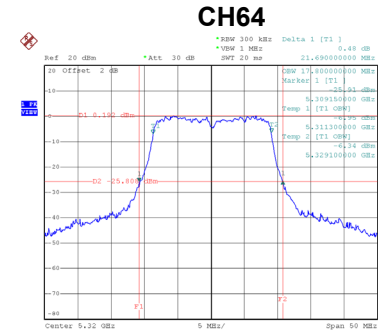
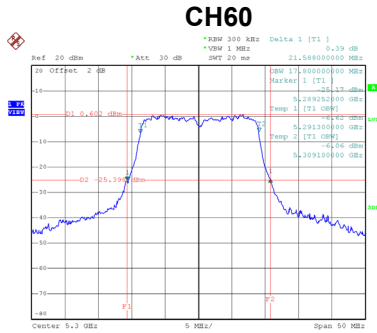
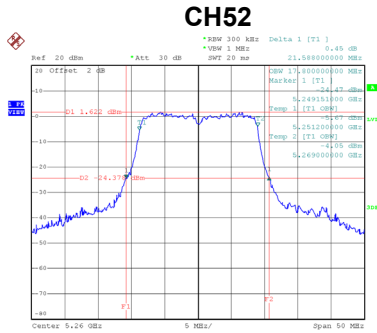
### CH42



Date: 14.FEB.2020 15:37:23

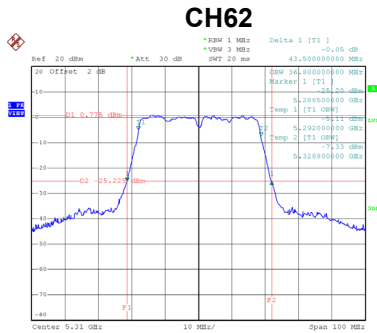
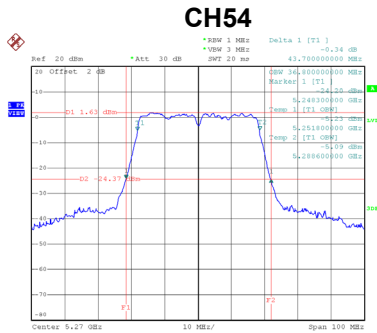
Test Mode	UNII-2A_TX AC (VHT20) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	21.59	17.80
60	5300	21.59	17.80
64	5320	21.69	17.80



Test Mode	UNII-2A_TX AC (VHT40) Mode
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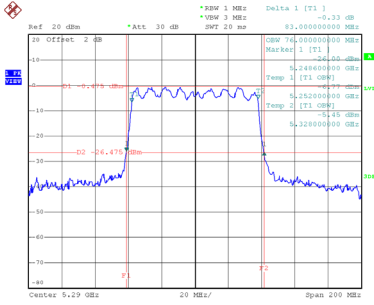
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
54	5270	43.70	36.80
62	5310	43.50	36.80



Test Mode	UNII-2A_TX AC (VHT80) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
58	5290	83.00	76.00

### CH58



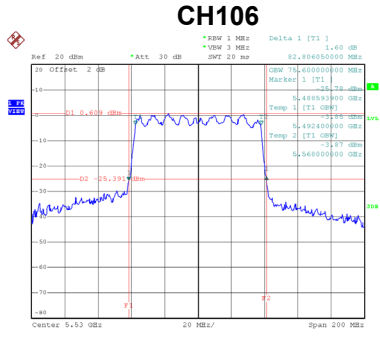
Date: 14.FEB.2020 15:38:40



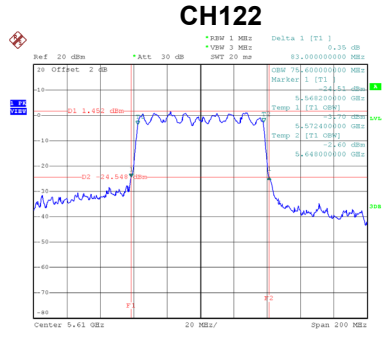


Test Mode	UNII-2C_TX AC (VHT80) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
106	5530	82.81	75.60
122	5610	83.00	75.60



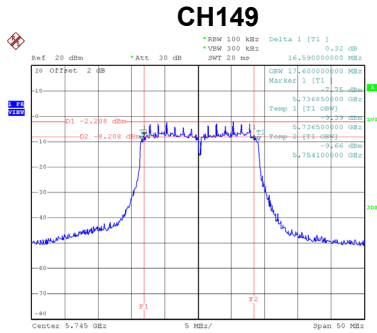
Date: 14.FEB.2020 15:39:57



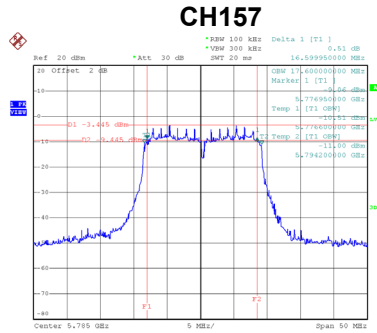
Date: 14.FEB.2020 15:41:14

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

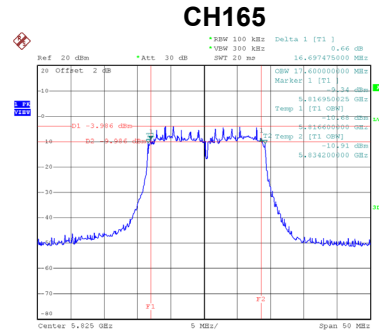
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.59	500	Complies
157	5785	16.60	500	Complies
165	5825	16.70	500	Complies



Date: 14.FEB.2020 15:17:13

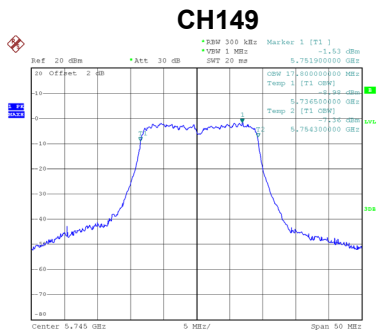


Date: 14.FEB.2020 15:19:02

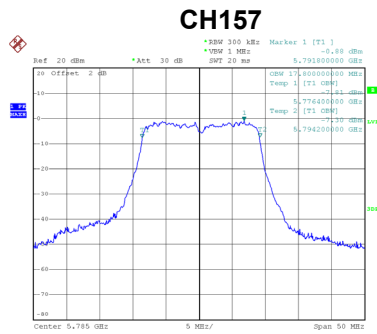


Date: 14.FEB.2020 15:20:05

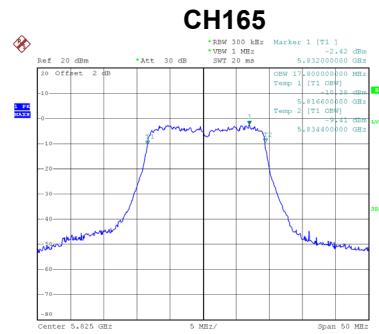
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
149	5745	17.80	Complies
157	5785	17.80	Complies
165	5825	17.80	Complies



Date: 14.FEB.2020 15:17:30



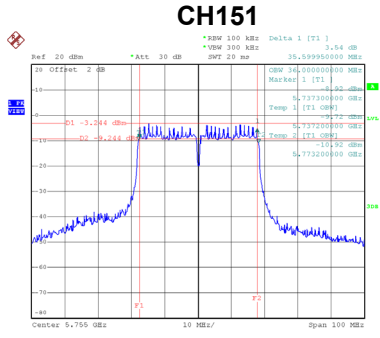
Date: 14.FEB.2020 15:17:51



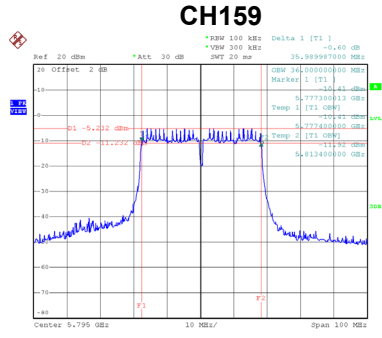
Date: 14.FEB.2020 15:20:17

Test Mode	UNII-3_TX AC (VHT40) Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	35.60	500	Complies
159	5795	35.99	500	Complies

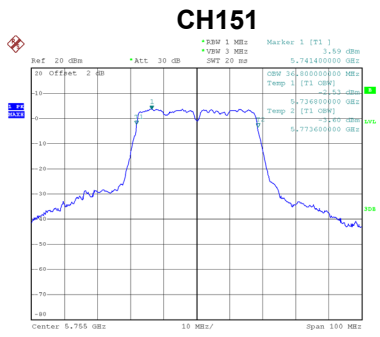


Date: 14.FEB.2020 15:33:13

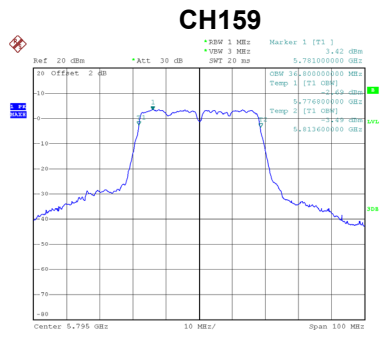


Date: 14.FEB.2020 15:35:57

Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
151	5755	36.80	Complies
159	5795	36.80	Complies



Date: 14.FEB.2020 15:33:58

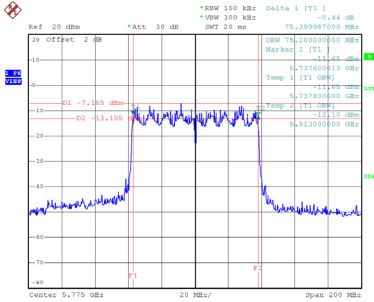


Date: 14.FEB.2020 15:34:29

Test Mode	UNII-3_TX AC (VHT80) Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	75.40	500	Complies

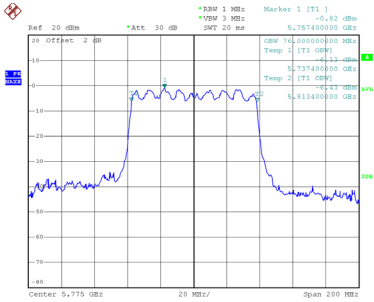
**CH155**



Date: 14.FEB.2020 15:42:36

Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
155	5775	76.00	Complies

**CH155**



Date: 14.FEB.2020 15:43:31

## **APPENDIX F - MAXIMUM OUTPUT POWER**

Test Mode	UNII-1_TX A Mode_Ant. 1
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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	13.65	0.16	13.81	24.00	0.25	Complies
40	5200	13.73	0.16	13.89	24.00	0.25	Complies
48	5240	13.71	0.16	13.87	24.00	0.25	Complies

Test Mode	UNII-2A_TX A Mode_Ant. 1
-----------	--------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	13.77	0.16	13.93	24.00	0.25	Complies
60	5300	13.62	0.16	13.78	24.00	0.25	Complies
64	5320	13.74	0.16	13.90	24.00	0.25	Complies

Test Mode	UNII-2C_TX A Mode_Ant. 1
-----------	--------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	13.58	0.16	13.74	24.00	0.25	Complies
116	5580	13.74	0.16	13.90	24.00	0.25	Complies
140	5700	13.66	0.16	13.82	24.00	0.25	Complies

Test Mode	UNII-3_TX A Mode_Ant. 1
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	13.66	0.16	13.82	30.00	1.00	Complies
157	5785	13.72	0.16	13.88	30.00	1.00	Complies
165	5825	13.78	0.16	13.94	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.74	0.18	12.92	24.00	0.25	Complies
40	5200	12.68	0.18	12.86	24.00	0.25	Complies
48	5240	12.63	0.18	12.81	24.00	0.25	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2
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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	12.66	0.18	12.84	24.00	0.25	Complies
40	5200	12.52	0.18	12.70	24.00	0.25	Complies
48	5240	12.54	0.18	12.72	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	15.89	24.00	0.25	Complies
40	5200	15.79	24.00	0.25	Complies
48	5240	15.78	24.00	0.25	Complies



Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	12.26	0.36	12.62	24.00	0.25	Complies
46	5230	12.61	0.36	12.97	24.00	0.25	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2
-----------	----------------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	12.14	0.36	12.50	24.00	0.25	Complies
46	5230	12.56	0.36	12.92	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.57	24.00	0.25	Complies
46	5230	15.95	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	12.19	0.70	12.89	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	12.13	0.70	12.83	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	15.87	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	12.76	0.18	12.94	24.00	0.25	Complies
60	5300	12.74	0.18	12.92	24.00	0.25	Complies
64	5320	12.69	0.18	12.87	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	12.63	0.18	12.81	24.00	0.25	Complies
60	5300	12.61	0.18	12.79	24.00	0.25	Complies
64	5320	12.66	0.18	12.84	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	15.89	24.00	0.25	Complies
60	5300	15.87	24.00	0.25	Complies
64	5320	15.87	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	12.58	0.36	12.94	24.00	0.25	Complies
62	5310	12.55	0.36	12.91	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	12.45	0.36	12.81	24.00	0.25	Complies
62	5310	12.43	0.36	12.79	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	15.88	24.00	0.25	Complies
62	5310	15.86	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	12.15	0.70	12.85	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	12.26	0.70	12.96	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	15.91	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	12.75	0.18	12.93	24.00	0.25	Complies
116	5580	12.68	0.18	12.86	24.00	0.25	Complies
140	5700	12.71	0.18	12.89	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	12.62	0.18	12.80	24.00	0.25	Complies
116	5580	12.55	0.18	12.73	24.00	0.25	Complies
140	5700	12.64	0.18	12.82	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	15.88	24.00	0.25	Complies
116	5580	15.81	24.00	0.25	Complies
140	5700	15.87	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	12.62	0.36	12.98	24.00	0.25	Complies
110	5550	12.61	0.36	12.97	24.00	0.25	Complies
134	5670	12.62	0.36	12.98	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	12.52	0.36	12.88	24.00	0.25	Complies
110	5550	12.57	0.36	12.93	24.00	0.25	Complies
134	5670	12.49	0.36	12.85	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	15.94	24.00	0.25	Complies
110	5550	15.96	24.00	0.25	Complies
134	5670	15.92	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	12.09	0.70	12.79	24.00	0.25	Complies
122	5610	12.34	0.70	13.04	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	12.23	0.70	12.93	24.00	0.25	Complies
122	5610	12.23	0.70	12.93	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	15.87	24.00	0.25	Complies
122	5610	15.99	24.00	0.25	Complies



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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	12.68	0.18	12.86	30.00	1.00	Complies
157	5785	12.78	0.18	12.96	30.00	1.00	Complies
165	5825	12.61	0.18	12.79	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	12.56	0.18	12.74	30.00	1.00	Complies
157	5785	12.64	0.18	12.82	30.00	1.00	Complies
165	5825	12.59	0.18	12.77	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	15.81	30.00	1.00	Complies
157	5785	15.90	30.00	1.00	Complies
165	5825	15.79	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	12.58	0.36	12.94	30.00	1.00	Complies
159	5795	12.62	0.36	12.98	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	12.52	0.36	12.88	30.00	1.00	Complies
159	5795	12.46	0.36	12.82	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	15.92	30.00	1.00	Complies
159	5795	15.91	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	12.17	0.70	12.87	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	12.26	0.70	12.96	30.00	1.00	Complies

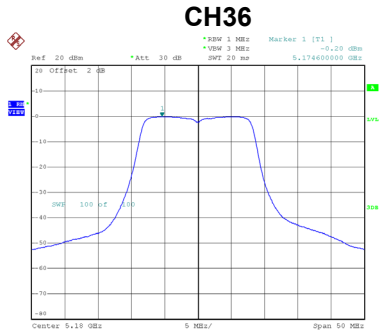
Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	15.92	30.00	1.00	Complies

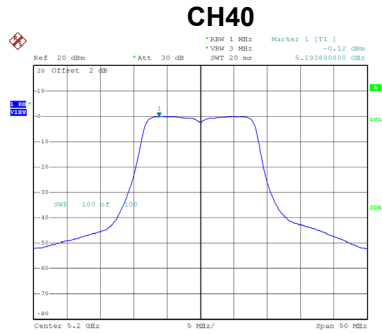
## **APPENDIX G - POWER SPECTRAL DENSITY**

Test Mode	UNII-1_TX A Mode_Ant. 1
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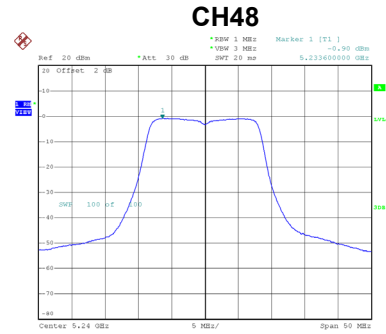
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	-0.20	0.16	-0.04	11.00	Complies
40	5200	-0.12	0.16	0.04	11.00	Complies
48	5240	-0.90	0.16	-0.74	11.00	Complies



Date: 14.FEB.2020 13:18:59



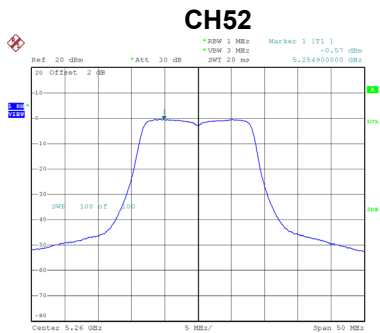
Date: 14.FEB.2020 13:21:03



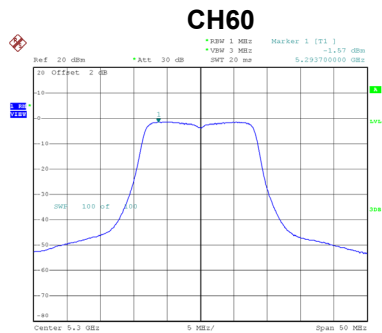
Date: 14.FEB.2020 13:21:26

Test Mode	UNII-2A_TX A Mode_Ant. 1
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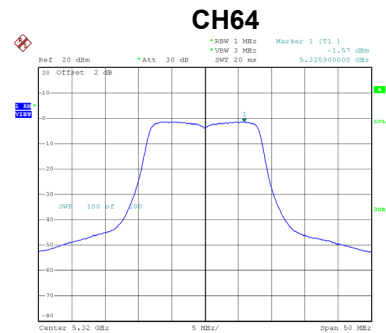
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	-0.57	0.16	-0.41	11.00	Complies
60	5300	-1.57	0.16	-1.41	11.00	Complies
64	5320	-1.57	0.16	-1.41	11.00	Complies



Date: 14.FEB.2020 13:22:00



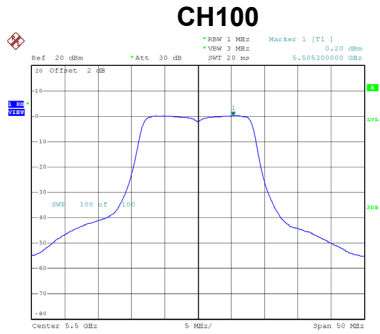
Date: 14.FEB.2020 13:22:26



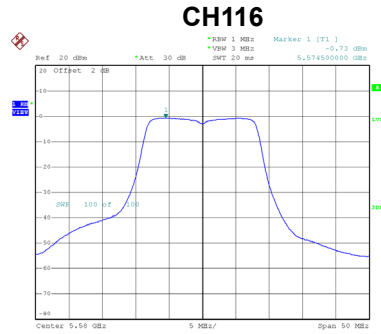
Date: 14.FEB.2020 13:23:08

Test Mode	UNII-2C_TX A Mode_Ant. 1
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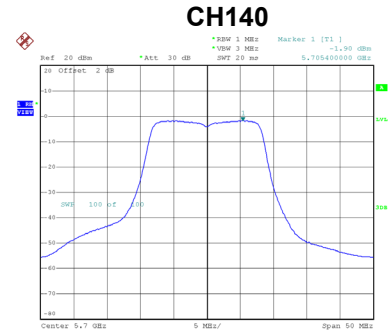
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	0.20	0.16	0.36	11.00	Complies
116	5580	-0.73	0.16	-0.57	11.00	Complies
140	5700	-1.90	0.16	-1.74	11.00	Complies



Date: 14.FEB.2020 13:23:44



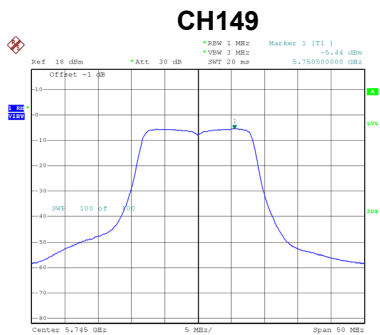
Date: 14.FEB.2020 13:24:11



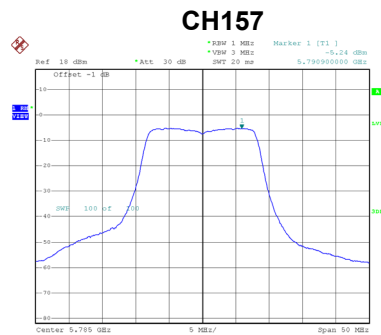
Date: 14.FEB.2020 13:24:17

Test Mode	UNII-3_TX A Mode_Ant. 1
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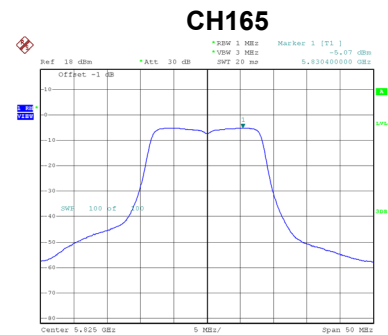
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-5.44	0.16	-5.28	30.00	Complies
157	5785	-5.24	0.16	-5.08	30.00	Complies
165	5825	-5.07	0.16	-4.91	30.00	Complies



Date: 14.FEB.2020 13:25:32



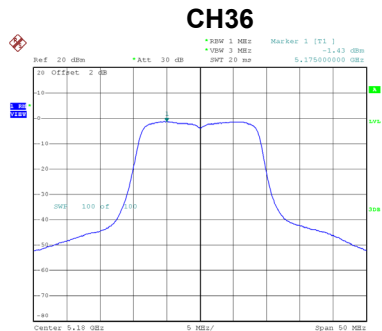
Date: 14.FEB.2020 13:25:56



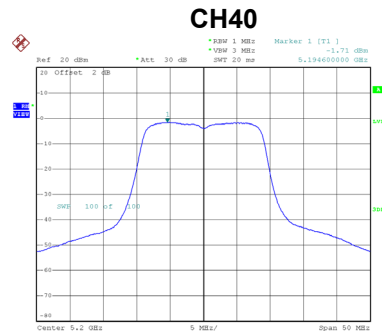
Date: 14.FEB.2020 13:26:25

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1
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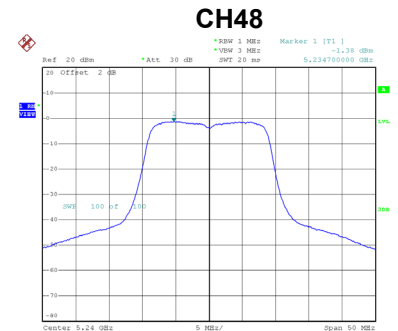
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	-1.43	0.18	-1.25	11.00	Complies
40	5200	-1.71	0.18	-1.53	11.00	Complies
48	5240	-1.38	0.18	-1.20	11.00	Complies



Date: 14.FEB.2020 13:12:28



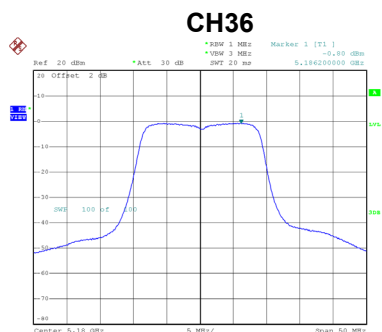
Date: 14.FEB.2020 13:12:59



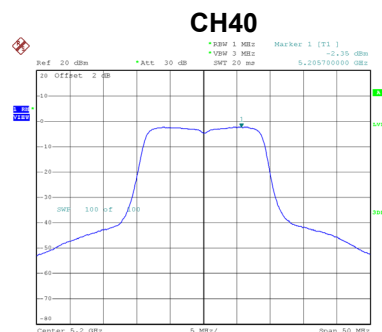
Date: 14.FEB.2020 13:28:28

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2
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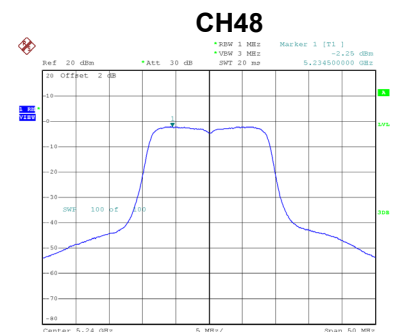
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	-0.80	0.18	-0.62	11.00	Complies
40	5200	-2.35	0.18	-2.17	11.00	Complies
48	5240	-2.25	0.18	-2.07	11.00	Complies



Date: 14.FEB.2020 14:11:47



Date: 14.FEB.2020 13:51:36



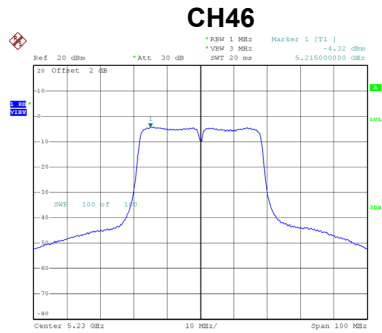
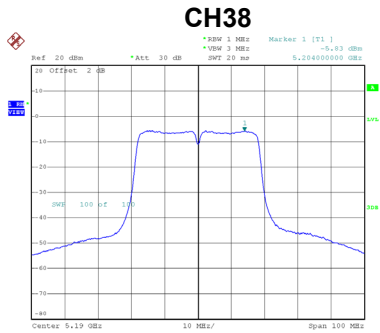
Date: 14.FEB.2020 13:52:13

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	2.09	11.00	Complies
40	5200	1.17	11.00	Complies
48	5240	1.40	11.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-5.83	0.36	-5.47	11.00	Complies
46	5230	-4.32	0.36	-3.96	11.00	Complies

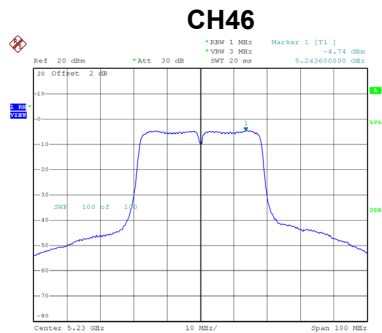
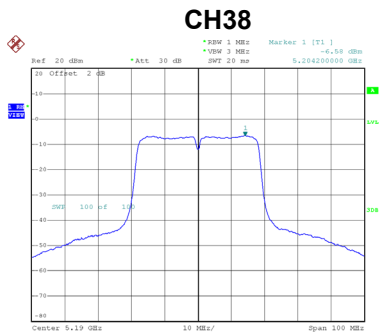


Date: 14.FEB.2020 13:34:32

Date: 14.FEB.2020 13:35:04

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-6.58	0.36	-6.22	11.00	Complies
46	5230	-4.74	0.36	-4.38	11.00	Complies



Date: 14.FEB.2020 13:57:47

Date: 14.FEB.2020 13:58:15

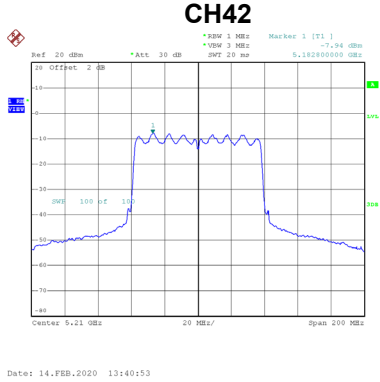
Test Mode	UNII-1_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-2.82	11.00	Complies
46	5230	-1.16	11.00	Complies



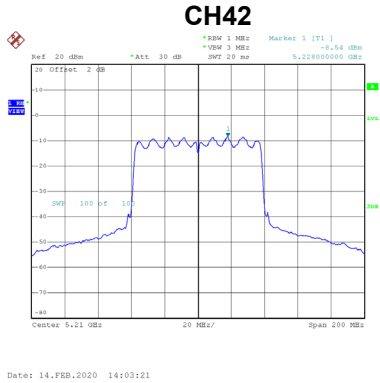
Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-7.94	0.70	-7.24	11.00	Complies



Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-8.54	0.70	-7.84	11.00	Complies

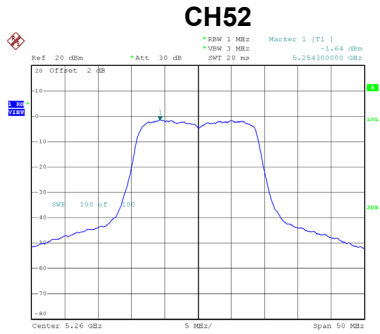


Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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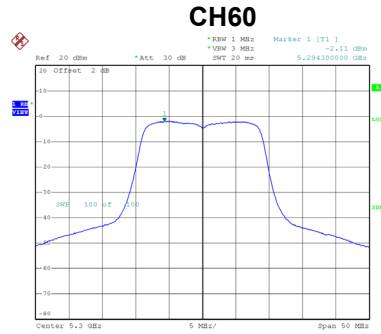
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-4.52	11.00	Complies

Test Mode	UNII-2A_TX AC (VHT20) Mode_Ant. 1
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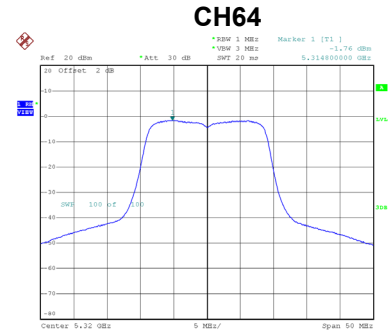
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	-1.64	0.18	-1.46	11.00	Complies
60	5300	-2.11	0.18	-1.93	11.00	Complies
64	5320	-1.76	0.18	-1.58	11.00	Complies



Date: 14.FEB.2020 13:28:56



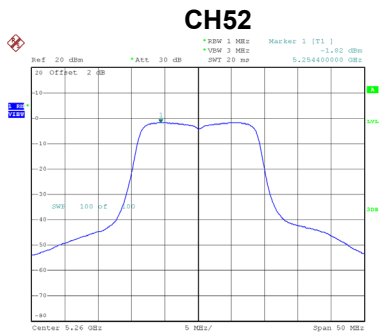
Date: 14.FEB.2020 13:29:25



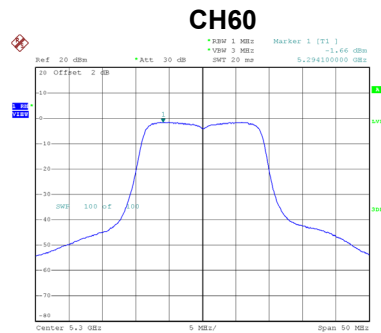
Date: 14.FEB.2020 13:29:55

Test Mode	UNII-2A_TX AC (VHT20) Mode_Ant. 2
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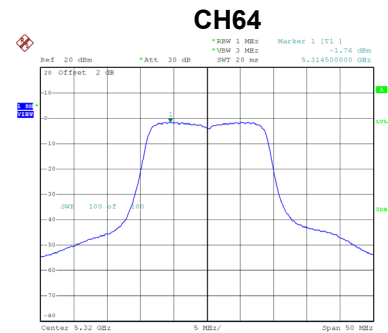
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	-1.82	0.18	-1.64	11.00	Complies
60	5300	-1.66	0.18	-1.48	11.00	Complies
64	5320	-1.76	0.18	-1.58	11.00	Complies



Date: 14.FEB.2020 13:53:27



Date: 14.FEB.2020 13:53:51



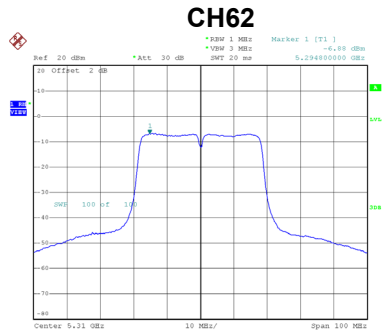
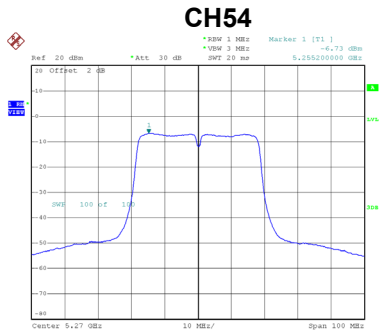
Date: 14.FEB.2020 13:54:15

Test Mode	UNII-2A_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	1.46	11.00	Complies
60	5300	1.31	11.00	Complies
64	5320	1.43	11.00	Complies

Test Mode	UNII-2A_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-6.73	0.36	-6.37	11.00	Complies
62	5310	-6.88	0.36	-6.52	11.00	Complies

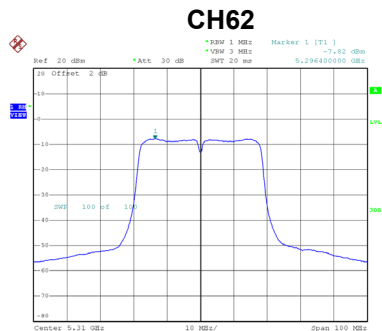
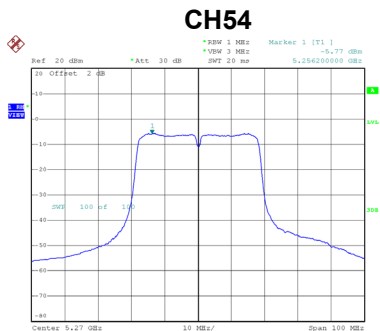


Date: 14.FEB.2020 14:36:51

Date: 14.FEB.2020 13:36:15

Test Mode	UNII-2A_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-5.77	0.36	-5.41	11.00	Complies
62	5310	-7.82	0.36	-7.46	11.00	Complies



Date: 14.FEB.2020 14:36:11

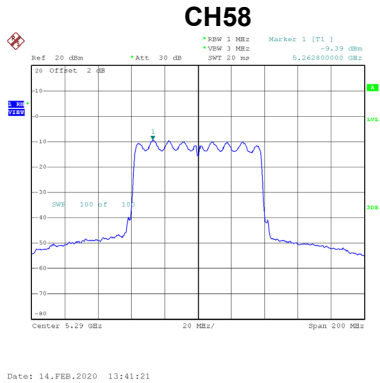
Date: 14.FEB.2020 13:59:30

Test Mode	UNII-2A_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-2.86	11.00	Complies
62	5310	-3.96	11.00	Complies

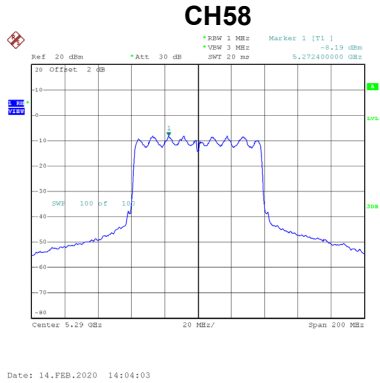
Test Mode	UNII-2A_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-9.39	0.70	-8.69	11.00	Complies



Test Mode	UNII-2A_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-8.19	0.70	-7.49	11.00	Complies

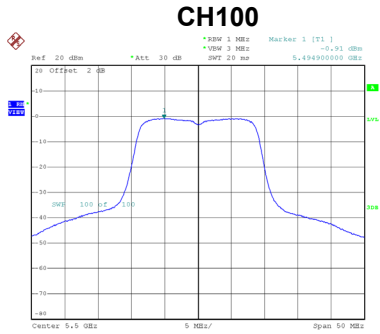


Test Mode	UNII-2A_TX AC (VHT80) Mode_Total
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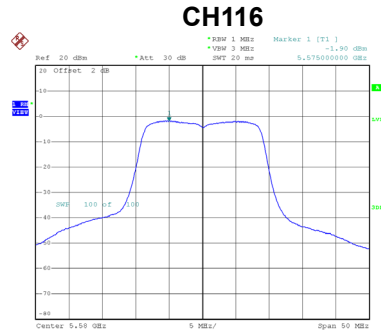
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-5.04	11.00	Complies

Test Mode	UNII-2C_TX AC (VHT20) Mode_Ant. 1
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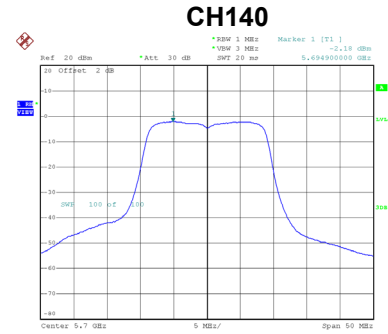
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	-0.91	0.18	-0.73	11.00	Complies
116	5580	-1.90	0.18	-1.72	11.00	Complies
140	5700	-2.18	0.18	-2.00	11.00	Complies



Date: 14.FEB.2020 13:30:31



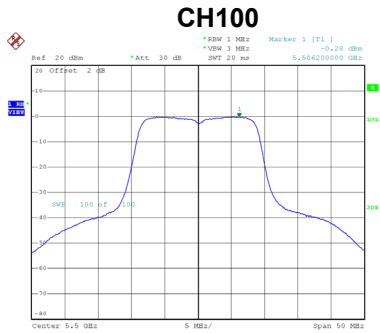
Date: 14.FEB.2020 13:30:54



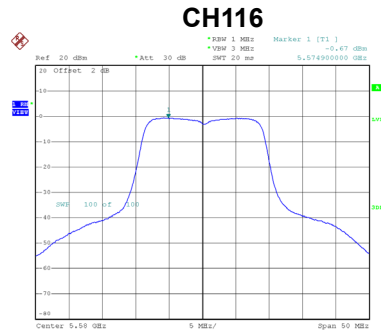
Date: 14.FEB.2020 13:31:25

Test Mode	UNII-2C_TX AC (VHT20) Mode_Ant. 2
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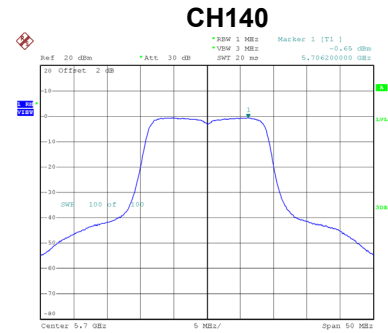
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	-0.28	0.18	-0.10	11.00	Complies
116	5580	-0.67	0.18	-0.49	11.00	Complies
140	5700	-0.65	0.18	-0.47	11.00	Complies



Date: 14.FEB.2020 13:54:54



Date: 14.FEB.2020 14:11:40



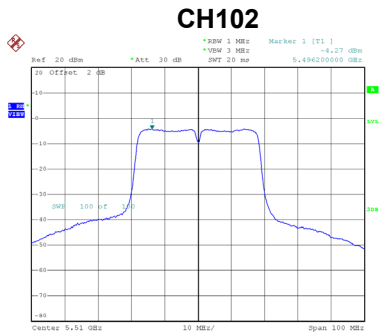
Date: 14.FEB.2020 13:55:48

Test Mode	UNII-2C_TX AC (VHT20) Mode_Total
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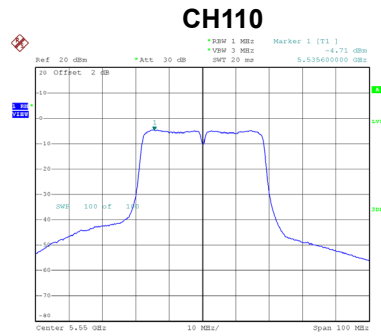
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	2.61	11.00	Complies
116	5580	1.95	11.00	Complies
140	5700	1.85	11.00	Complies

Test Mode	UNII-2C_TX AC (VHT40) Mode_Ant. 1
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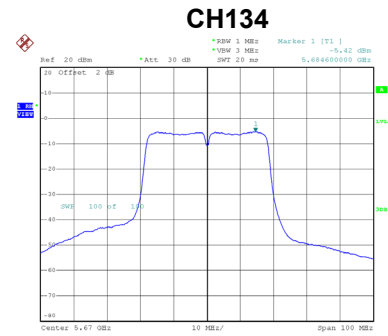
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-4.27	0.36	-3.91	11.00	Complies
110	5550	-4.71	0.36	-4.35	11.00	Complies
134	5670	-5.42	0.36	-5.06	11.00	Complies



Date: 14.FEB.2020 13:36:46



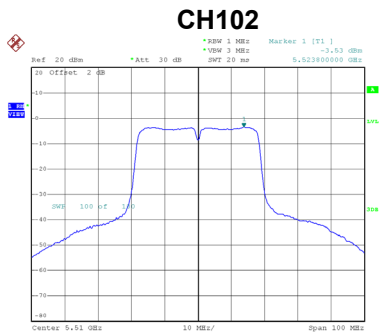
Date: 14.FEB.2020 14:38:35



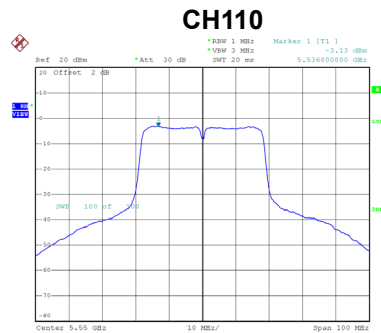
Date: 14.FEB.2020 13:37:46

Test Mode	UNII-2C_TX AC (VHT40) Mode_Ant. 2
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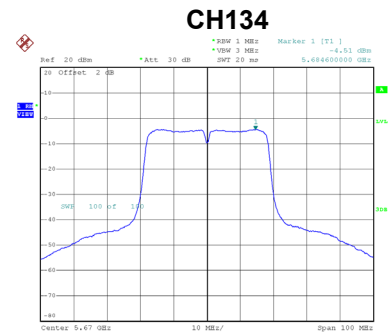
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-3.53	0.36	-3.17	11.00	Complies
110	5550	-3.13	0.36	-2.77	11.00	Complies
134	5670	-4.51	0.36	-4.15	11.00	Complies



Date: 14.FEB.2020 14:00:04



Date: 14.FEB.2020 14:01:28



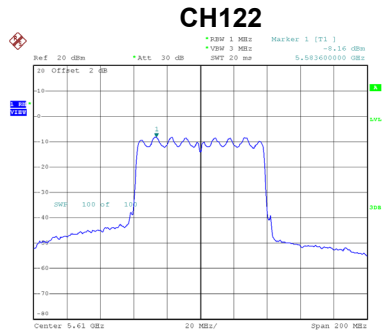
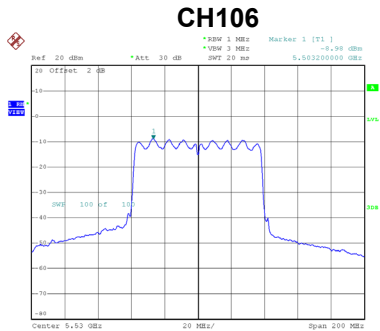
Date: 14.FEB.2020 14:01:54

Test Mode	UNII-2C_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-0.52	11.00	Complies
110	5550	-0.48	11.00	Complies
134	5670	-1.57	11.00	Complies

Test Mode	UNII-2C_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-8.98	0.70	-8.28	11.00	Complies
122	5610	-8.16	0.70	-7.46	11.00	Complies

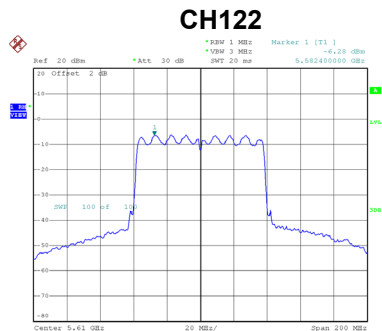
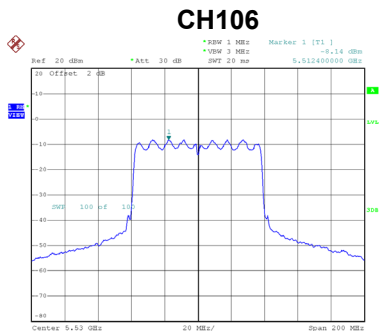


Date: 14.FEB.2020 13:41:52

Date: 14.FEB.2020 13:42:18

Test Mode	UNII-2C_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-8.14	0.70	-7.44	11.00	Complies
122	5610	-6.28	0.70	-5.58	11.00	Complies



Date: 14.FEB.2020 14:04:31

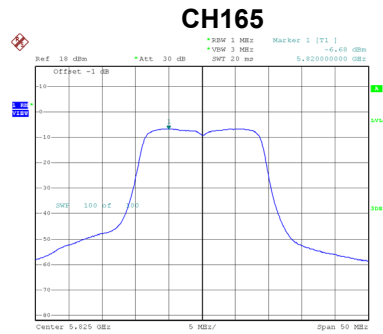
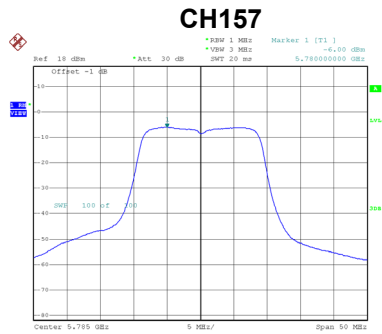
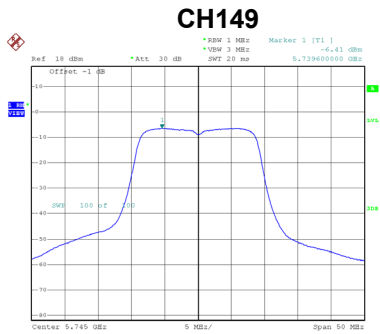
Date: 14.FEB.2020 14:05:12

Test Mode	UNII-2C_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-4.83	11.00	Complies
122	5610	-3.41	11.00	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	-6.41	0.18	-6.23	30.00	Complies
157	5785	-6.00	0.18	-5.82	30.00	Complies
165	5825	-6.68	0.18	-6.50	30.00	Complies



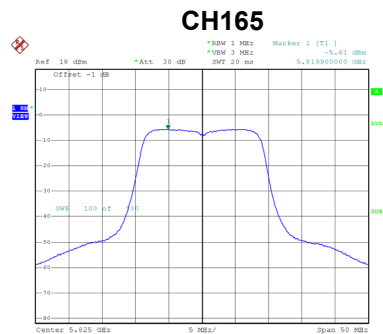
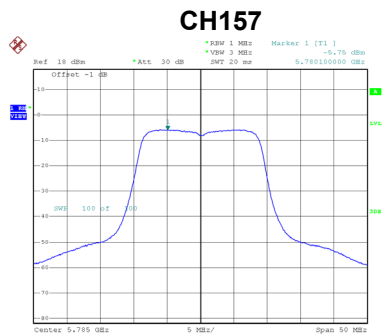
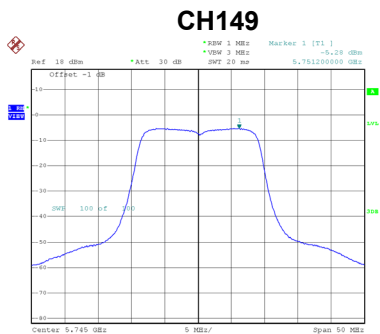
Date: 14.FEB.2020 13:31:50

Date: 14.FEB.2020 13:33:14

Date: 14.FEB.2020 13:33:41

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	-5.28	0.18	-5.10	30.00	Complies
157	5785	-5.75	0.18	-5.57	30.00	Complies
165	5825	-5.61	0.18	-5.43	30.00	Complies



Date: 14.FEB.2020 14:33:16

Date: 14.FEB.2020 13:56:42

Date: 14.FEB.2020 13:57:08



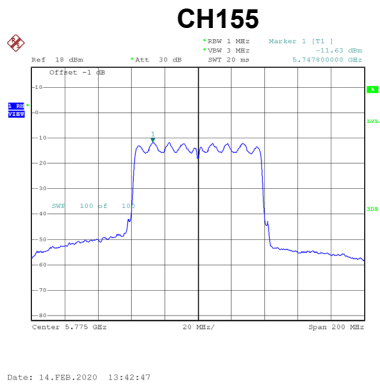
Test Mode	UNII-3_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-2.62	30.00	Complies
157	5785	-2.68	30.00	Complies
165	5825	-2.92	30.00	Complies



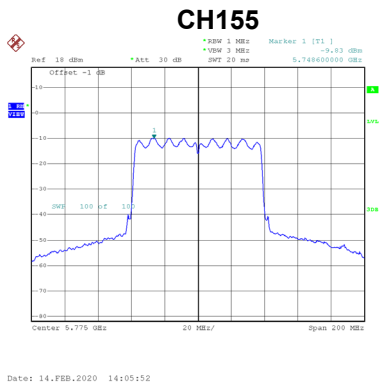
Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-11.63	0.70	-10.93	30.00	Complies



Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-9.83	0.70	-9.13	30.00	Complies



Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-6.93	30.00	Complies

## **APPENDIX H - FREQUENCY STABILITY**

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

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
5.75	5179.9676
5	5179.9672
4.25	5179.9672
Maximum Deviation (MHz)	0.0328
Maximum Deviation (ppm)	6.3320

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9672
10	5179.9672
20	5179.9672
30	5179.9672
40	5179.9672
Maximum Deviation (MHz)	0.0328
Maximum Deviation (ppm)	6.3320

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

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
5.75	5259.9936
5	5259.9968
4.25	5259.9972
Maximum Deviation (MHz)	0.0064
Maximum Deviation (ppm)	1.2167

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5260.0000
0	5259.9924
10	5259.9920
20	5259.9908
30	5259.9904
40	5259.9896
Maximum Deviation (MHz)	0.0104
Maximum Deviation (ppm)	1.9772

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

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
5.75	5499.9808
5	5499.9820
4.25	5499.9820
Maximum Deviation (MHz)	0.0192
Maximum Deviation (ppm)	3.4909

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5500.0000
0	5499.9804
10	5499.9796
20	5499.9788
30	5499.9784
40	5499.9776
Maximum Deviation (MHz)	0.0224
Maximum Deviation (ppm)	4.0727

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

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
5.75	5744.9720
5	5744.9748
4.25	5744.9752
Maximum Deviation (MHz)	0.0280
Maximum Deviation (ppm)	4.8738

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9752
10	5744.9752
20	5744.9748
30	5744.9744
40	5744.9740
Maximum Deviation (MHz)	0.0260
Maximum Deviation (ppm)	4.5257

**End of Test Report**