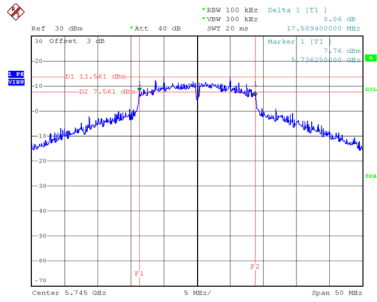


Test Mode UNII-3\_TX AC (VHT20) Mode

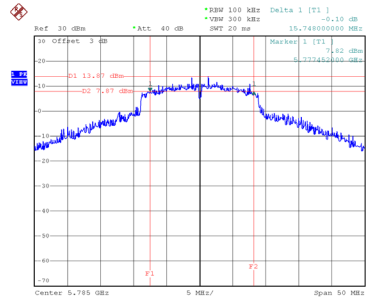
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.59	35.20	500	Complies
157	5785	15.75	35.70	500	Complies
165	5825	17.65	35.50	500	Complies

### CH149



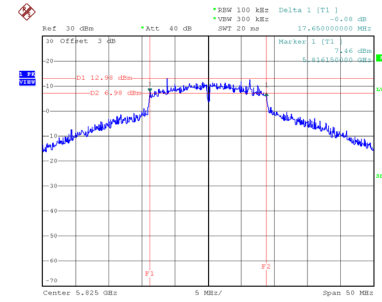
Date: 10\_OCT\_2020 10:41:29

### CH157 6 dB Bandwidth



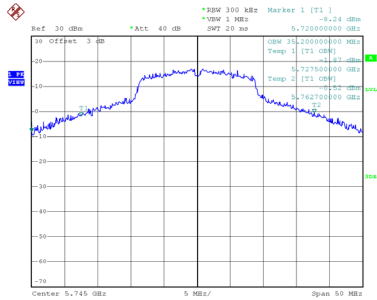
Date: 10\_OCT\_2020 10:43:03

### CH165

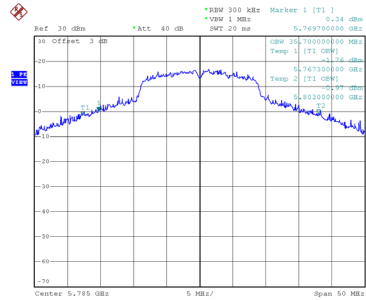


Date: 10\_OCT\_2020 10:44:35

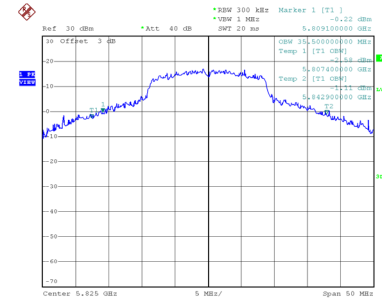
### 99 % Emission Bandwidth



Date: 10\_OCT\_2020 10:40:42



Date: 10\_OCT\_2020 10:42:10

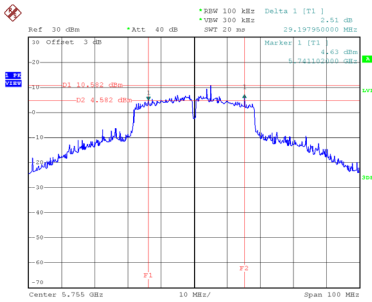


Date: 10\_OCT\_2020 10:43:48

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

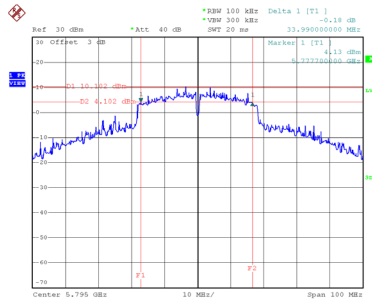
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	29.20	58.40	500	Complies
159	5795	33.99	71.00	500	Complies

### CH151



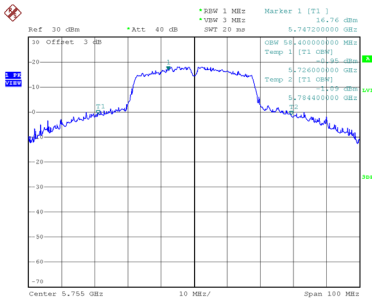
Date: 10.OCT.2020 10:57:43

### CH159 6 dB Bandwidth

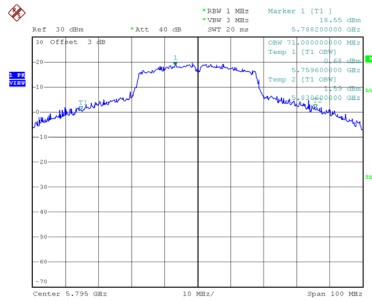


Date: 10.OCT.2020 10:59:39

### 99 % Emission Bandwidth



Date: 10.OCT.2020 10:56:53

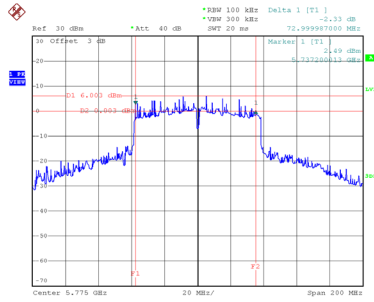


Date: 10.OCT.2020 10:58:43

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

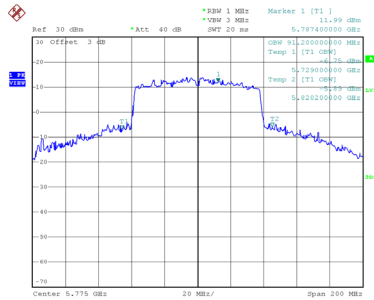
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	73.00	91.20	500	Complies

### CH155 6 dB Bandwidth



Date: 10\_OCT.2020 11:25:19

### 99 % Emission Bandwidth



Date: 10\_OCT.2020 11:24:19

## APPENDIX F - MAXIMUM OUTPUT POWER

### Non Beamforming

Test Mode	UNII-1_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
36	5180	19.01	0.36	19.37	30.00	1.00	Complies
40	5200	21.06	0.36	21.42	30.00	1.00	Complies
48	5240	19.43	0.36	19.79	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.52	0.36	19.88	30.00	1.00	Complies
40	5200	21.67	0.36	22.03	30.00	1.00	Complies
48	5240	20.28	0.36	20.64	30.00	1.00	Complies

Test Mode	UNII-1_TX A Mode_Total
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	22.64	30.00	1.00	Complies
40	5200	24.75	30.00	1.00	Complies
48	5240	23.25	30.00	1.00	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	21.93	0.36	22.29	30.00	1.00	Complies
157	5785	21.77	0.36	22.13	30.00	1.00	Complies
165	5825	21.96	0.36	22.32	30.00	1.00	Complies

Test Mode	UNII-3_TX A 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	22.07	0.36	22.43	30.00	1.00	Complies
157	5785	21.85	0.36	22.21	30.00	1.00	Complies
165	5825	21.99	0.36	22.35	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.37	30.00	1.00	Complies
157	5785	25.18	30.00	1.00	Complies
165	5825	25.35	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	18.96	0.36	19.32	30.00	1.00	Complies
40	5200	21.68	0.36	22.04	30.00	1.00	Complies
48	5240	18.35	0.36	18.71	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	19.48	0.36	19.84	30.00	1.00	Complies
40	5200	21.43	0.36	21.79	30.00	1.00	Complies
48	5240	19.16	0.36	19.52	30.00	1.00	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	22.60	30.00	1.00	Complies
40	5200	24.92	30.00	1.00	Complies
48	5240	22.14	30.00	1.00	Complies

Test Mode	UNII-1_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
38	5190	15.30	0.45	15.75	30.00	1.00	Complies
46	5230	20.68	0.45	21.13	30.00	1.00	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	15.53	0.45	15.98	30.00	1.00	Complies
46	5230	20.75	0.45	21.20	30.00	1.00	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	18.87	30.00	1.00	Complies
46	5230	24.17	30.00	1.00	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	13.53	0.43	13.96	30.00	1.00	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	13.62	0.43	14.05	30.00	1.00	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	17.02	30.00	1.00	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	21.27	0.36	21.63	30.00	1.00	Complies
157	5785	21.39	0.36	21.75	30.00	1.00	Complies
165	5825	21.22	0.36	21.58	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	21.33	0.36	21.69	30.00	1.00	Complies
157	5785	21.45	0.36	21.81	30.00	1.00	Complies
165	5825	21.25	0.36	21.61	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	24.67	30.00	1.00	Complies
157	5785	24.79	30.00	1.00	Complies
165	5825	24.60	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	21.45	0.45	21.90	30.00	1.00	Complies
159	5795	21.42	0.45	21.87	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	21.58	0.45	22.03	30.00	1.00	Complies
159	5795	21.66	0.45	22.11	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	24.97	30.00	1.00	Complies
159	5795	25.00	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	21.28	0.43	21.71	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	21.35	0.43	21.78	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	24.76	30.00	1.00	Complies

### Beamforming

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	18.42	0.36	18.78	30.00	1.00	Complies
40	5200	21.15	0.36	21.51	30.00	1.00	Complies
48	5240	18.39	0.36	18.75	30.00	1.00	Complies

Test Mode	UNII-1_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
36	5180	18.89	0.36	19.25	30.00	1.00	Complies
40	5200	21.58	0.36	21.94	30.00	1.00	Complies
48	5240	19.01	0.36	19.37	30.00	1.00	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	22.03	30.00	1.00	Complies
40	5200	24.74	30.00	1.00	Complies
48	5240	22.08	30.00	1.00	Complies

Test Mode	UNII-1_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
38	5190	15.35	0.45	15.80	30.00	1.00	Complies
46	5230	20.58	0.45	21.03	30.00	1.00	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	15.63	0.45	16.08	30.00	1.00	Complies
46	5230	20.61	0.45	21.06	30.00	1.00	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	18.95	30.00	1.00	Complies
46	5230	24.05	30.00	1.00	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	13.51	0.43	13.94	30.00	1.00	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	13.28	0.43	13.71	30.00	1.00	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	16.84	30.00	1.00	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	21.37	0.36	21.73	30.00	1.00	Complies
157	5785	21.48	0.36	21.84	30.00	1.00	Complies
165	5825	21.23	0.36	21.59	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	21.44	0.36	21.80	30.00	1.00	Complies
157	5785	21.52	0.36	21.88	30.00	1.00	Complies
165	5825	21.28	0.36	21.64	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	24.77	30.00	1.00	Complies
157	5785	24.87	30.00	1.00	Complies
165	5825	24.62	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	21.82	0.45	22.27	30.00	1.00	Complies
159	5795	21.88	0.45	22.33	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	21.93	0.45	22.38	30.00	1.00	Complies
159	5795	21.97	0.45	22.42	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	25.33	30.00	1.00	Complies
159	5795	25.38	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	21.21	0.43	21.64	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	21.38	0.43	21.81	30.00	1.00	Complies

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

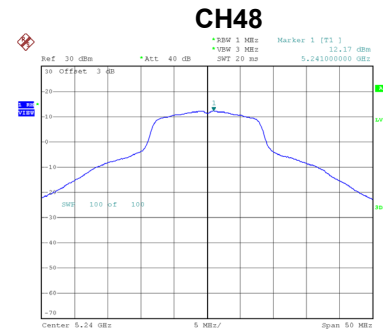
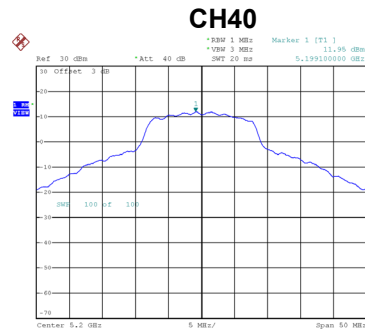
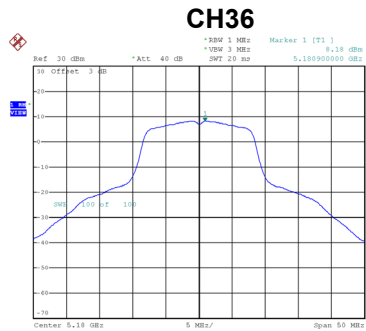
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	24.74	30.00	1.00	Complies

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

## Non Beamforming

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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	8.18	0.36	8.54	17.00	Complies
40	5200	11.95	0.36	12.31	17.00	Complies
48	5240	12.17	0.36	12.53	17.00	Complies



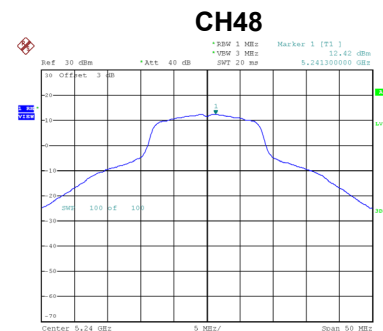
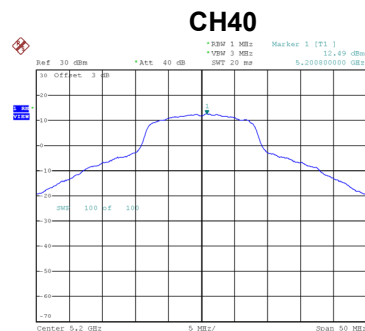
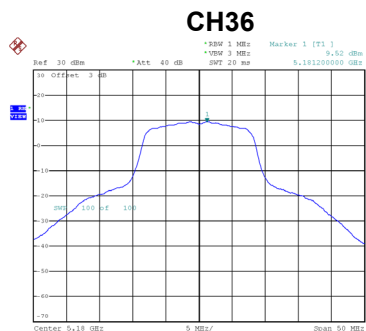
Date: 8.SEP.2020 15:47:10

Date: 8.SEP.2020 15:46:31

Date: 5.SEP.2020 17:05:38

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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.52	0.36	9.88	17.00	Complies
40	5200	12.49	0.36	12.85	17.00	Complies
48	5240	12.42	0.36	12.78	17.00	Complies



Date: 8.SEP.2020 15:48:09

Date: 8.SEP.2020 15:45:42

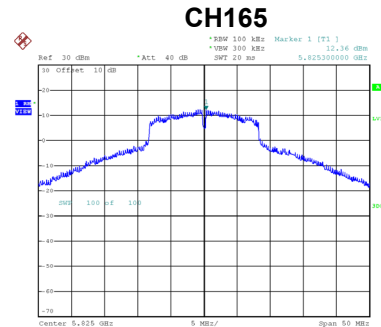
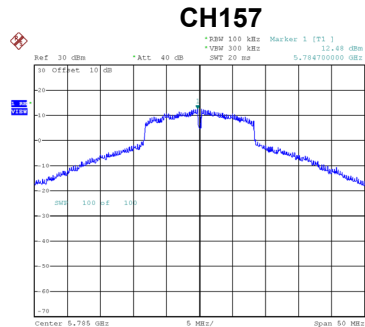
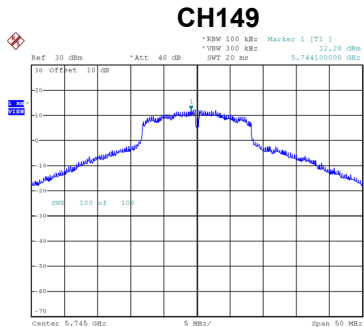
Date: 8.SEP.2020 13:43:05

Test Mode	UNII-1_TX A Mode_Total
-----------	------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	12.27	17.00	Complies
40	5200	15.60	17.00	Complies
48	5240	15.67	17.00	Complies

Test Mode UNII-3\_TX A 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	12.28	0.36	12.64	30.00	Complies
157	5785	12.48	0.36	12.84	30.00	Complies
165	5825	12.36	0.36	12.72	30.00	Complies



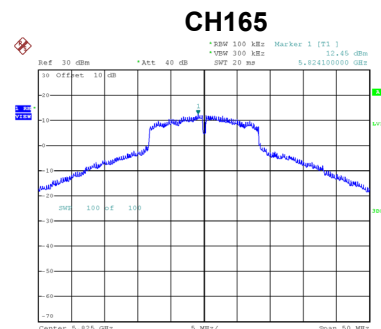
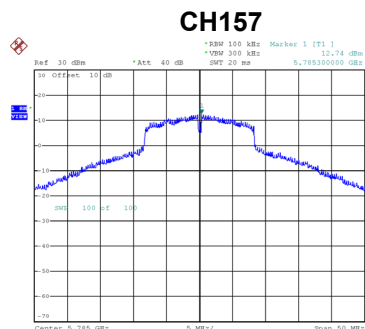
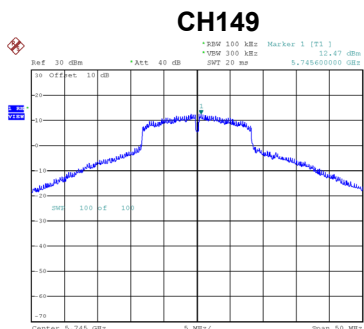
Date: 30\_SEP.2020 16:56:26

Date: 30\_SEP.2020 16:57:25

Date: 30\_SEP.2020 16:58:56

Test Mode UNII-3\_TX A 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	12.47	0.36	12.83	30.00	Complies
157	5785	12.74	0.36	13.10	30.00	Complies
165	5825	12.45	0.36	12.81	30.00	Complies



Date: 30\_SEP.2020 16:55:46

Date: 30\_SEP.2020 16:57:48

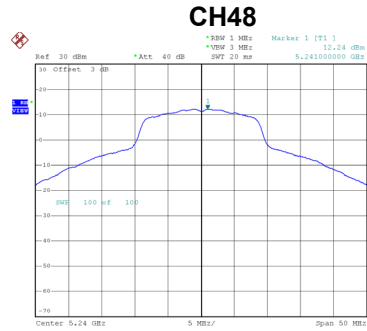
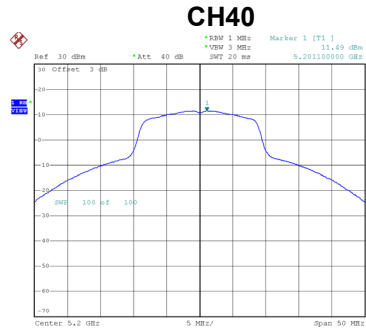
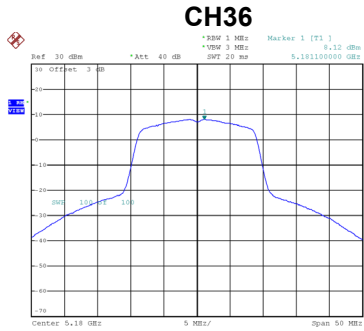
Date: 30\_SEP.2020 16:58:43

Test Mode	UNII-3_TX A Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	15.75	30.00	Complies
157	5785	15.98	30.00	Complies
165	5825	15.78	30.00	Complies

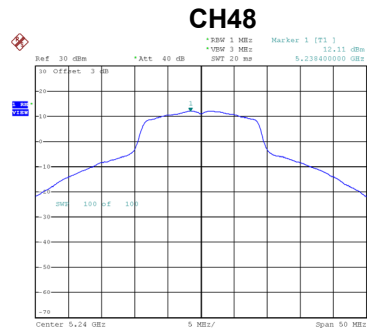
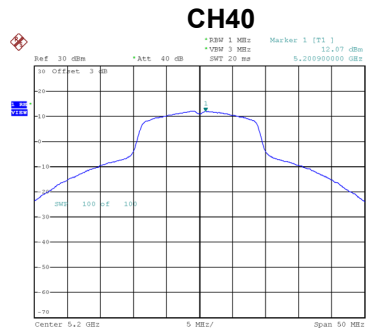
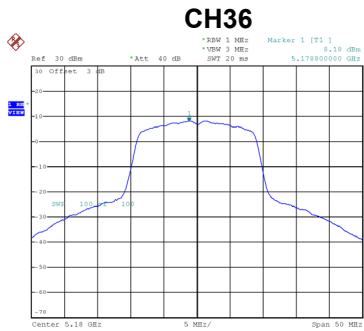
Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	8.12	0.36	8.48	17.00	Complies
40	5200	11.49	0.36	11.85	17.00	Complies
48	5240	12.24	0.36	12.60	17.00	Complies



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	8.18	0.36	8.54	17.00	Complies
40	5200	12.07	0.36	12.43	17.00	Complies
48	5240	12.11	0.36	12.47	17.00	Complies



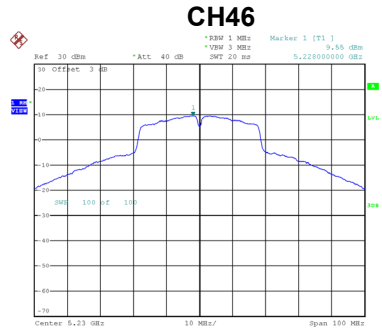
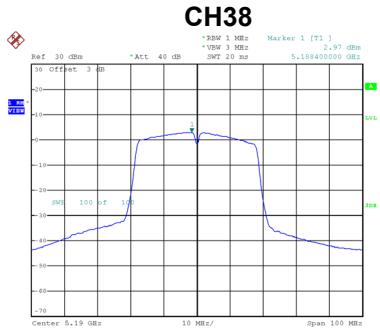


Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	11.52	17.00	Complies
40	5200	15.16	17.00	Complies
48	5240	15.54	17.00	Complies

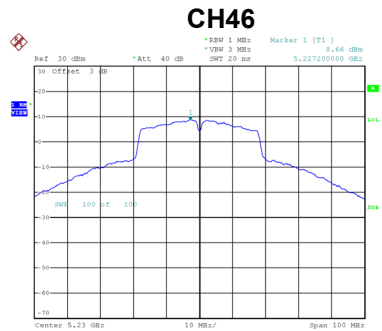
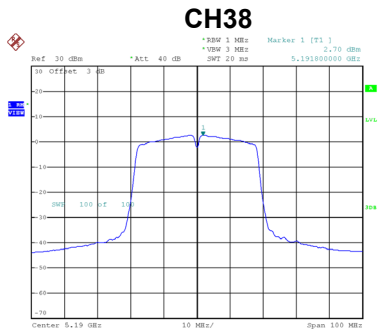
Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	2.97	0.45	3.42	17.00	Complies
46	5230	9.55	0.45	10.00	17.00	Complies



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	2.70	0.45	3.15	17.00	Complies
46	5230	8.66	0.45	9.11	17.00	Complies

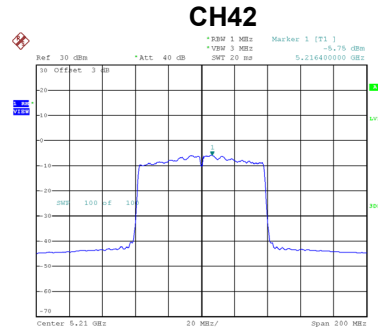


Test Mode	UNII-1_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.29	17.00	Complies
46	5230	12.59	17.00	Complies

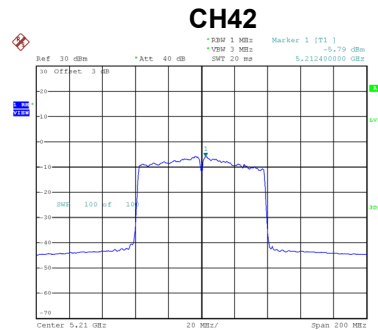
Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-5.75	0.43	-5.32	17.00	Complies



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	-5.79	0.43	-5.36	17.00	Complies

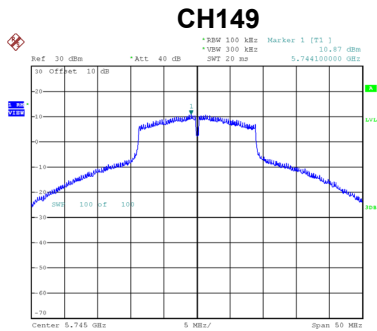


Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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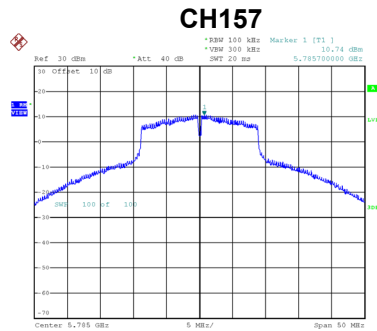
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-2.33	17.00	Complies

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

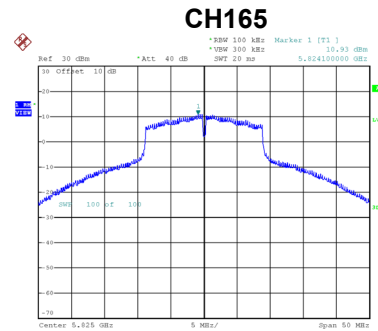
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.87	0.36	11.23	30.00	Complies
157	5785	10.74	0.36	11.10	30.00	Complies
165	5825	10.93	0.36	11.29	30.00	Complies



Date: 30\_SEP.2020 17:00:54



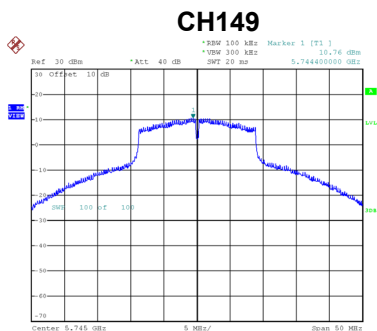
Date: 30\_SEP.2020 17:02:58



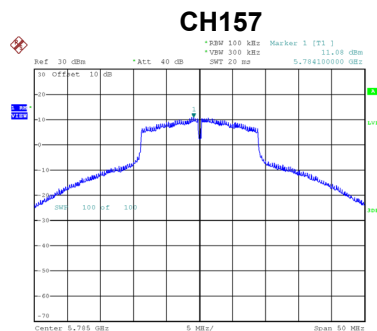
Date: 30\_SEP.2020 17:04:19

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

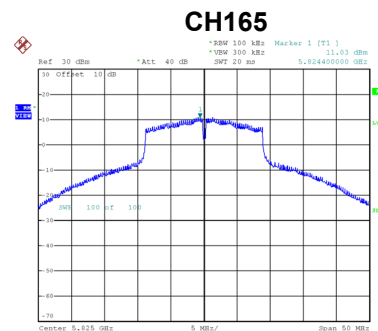
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.76	0.36	11.12	30.00	Complies
157	5785	11.08	0.36	11.44	30.00	Complies
165	5825	11.03	0.36	11.39	30.00	Complies



Date: 30\_SEP.2020 17:00:40



Date: 30\_SEP.2020 17:03:12



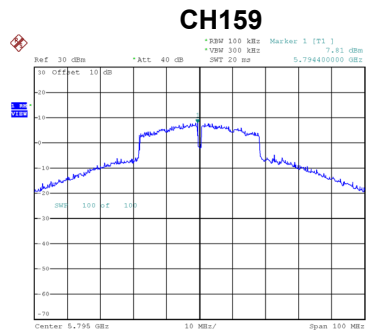
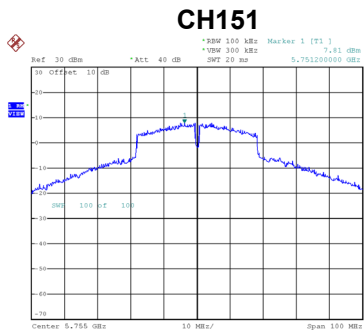
Date: 30\_SEP.2020 17:04:05

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	14.18	30.00	Complies
157	5785	14.28	30.00	Complies
165	5825	14.35	30.00	Complies

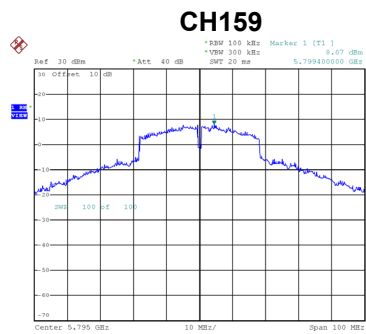
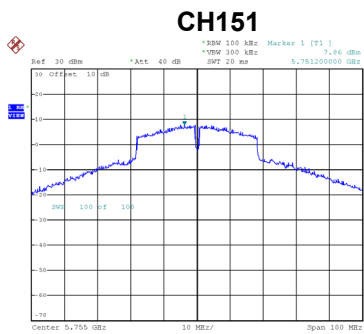
**Test Mode** UNII-3\_TX AC (VHT40) Mode\_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	7.81	0.45	8.26	30.00	Complies
159	5795	7.81	0.45	8.26	30.00	Complies



**Test Mode** UNII-3\_TX AC (VHT40) Mode\_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	7.86	0.45	8.31	30.00	Complies
159	5795	8.07	0.45	8.52	30.00	Complies

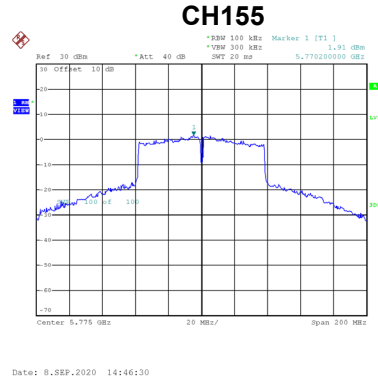


**Test Mode** UNII-3\_TX AC (VHT40) Mode\_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	11.29	30.00	Complies
159	5795	11.40	30.00	Complies

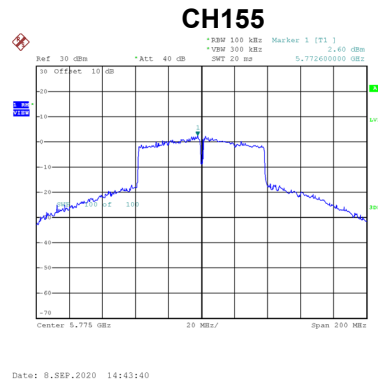
Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	1.91	0.43	2.34	30.00	Complies



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	2.60	0.43	3.03	30.00	Complies



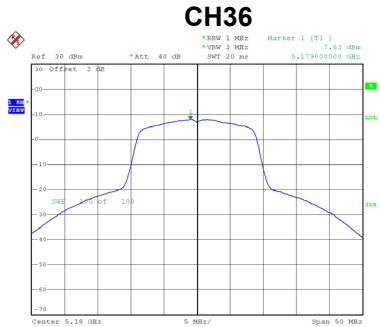
Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	5.71	30.00	Complies

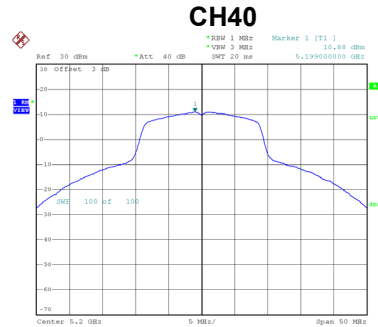
## Beamforming

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1
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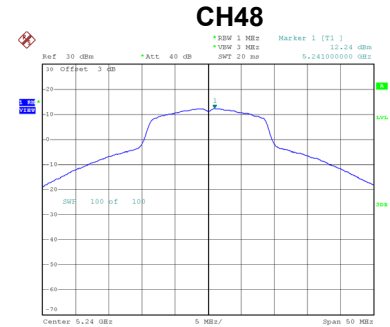
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	7.83	0.36	8.19	17.00	Complies
40	5200	10.88	0.36	11.24	17.00	Complies
48	5240	12.24	0.36	12.60	17.00	Complies



Date: 12\_SEP.2020 11:32:51



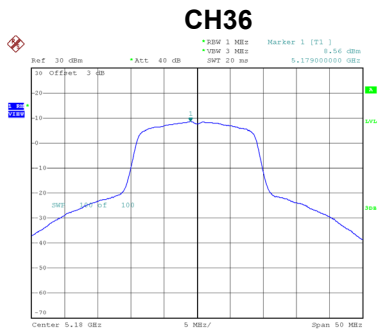
Date: 12\_SEP.2020 11:38:02



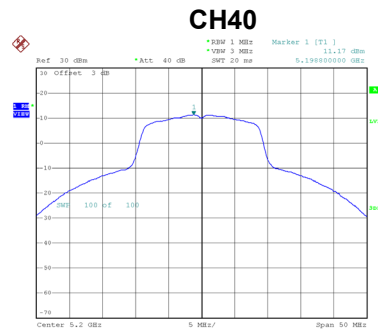
Date: 12\_SEP.2020 11:39:16

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2
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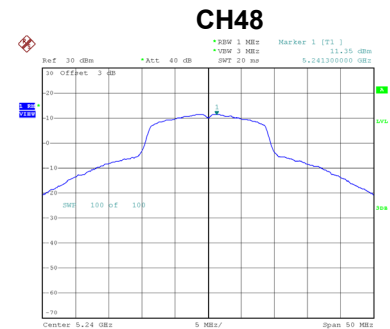
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	8.56	0.36	8.92	17.00	Complies
40	5200	11.17	0.36	11.53	17.00	Complies
48	5240	11.35	0.36	11.71	17.00	Complies



Date: 12\_SEP.2020 13:50:55



Date: 12\_SEP.2020 13:51:48



Date: 12\_SEP.2020 14:01:46

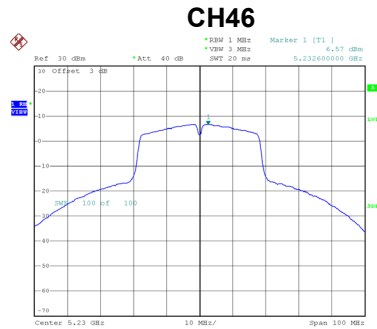
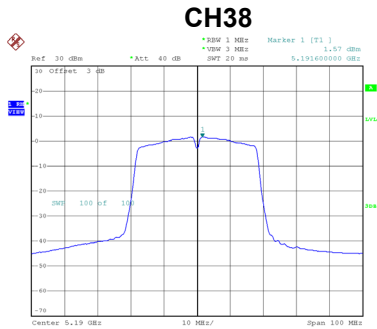


Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	11.58	17.00	Complies
40	5200	14.40	17.00	Complies
48	5240	15.19	17.00	Complies

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	1.57	0.45	2.02	17.00	Complies
46	5230	6.57	0.45	7.02	17.00	Complies

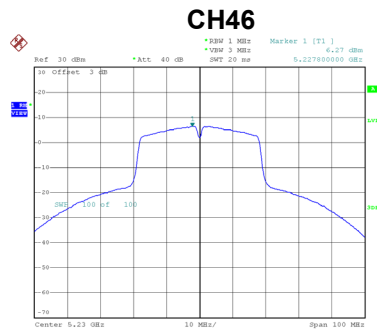
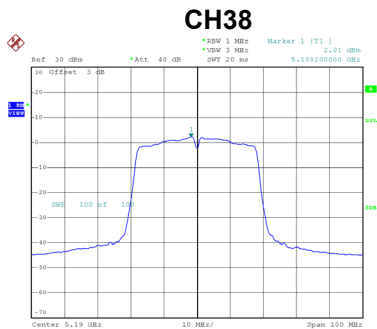


Date: 12\_SEP.2020 11:44:13

Date: 12\_SEP.2020 11:45:53

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	2.01	0.45	2.46	17.00	Complies
46	5230	6.27	0.45	6.72	17.00	Complies



Date: 12\_SEP.2020 14:05:39

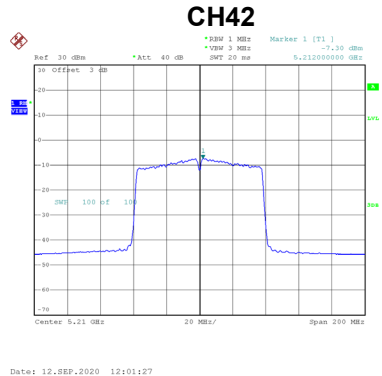
Date: 12\_SEP.2020 14:06:46

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	5.25	17.00	Complies
46	5230	9.88	17.00	Complies

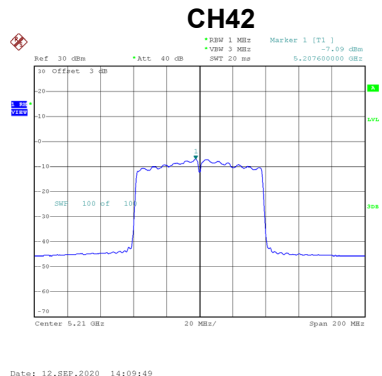
Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-7.30	0.43	-6.87	17.00	Complies



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	-7.09	0.43	-6.66	17.00	Complies

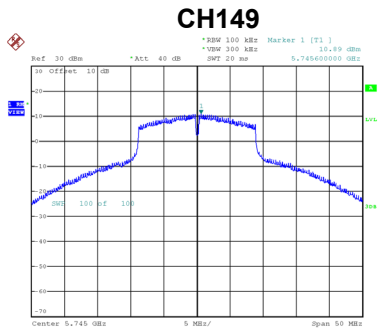


Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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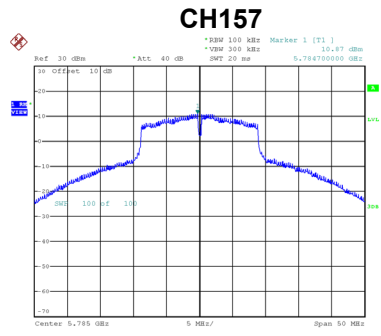
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-3.75	17.00	Complies

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

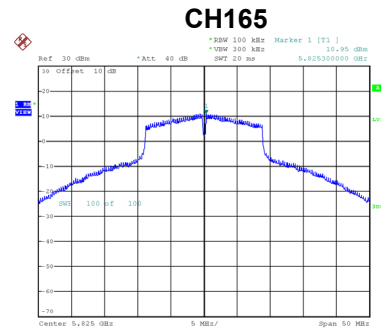
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.89	0.36	11.25	30.00	Complies
157	5785	10.87	0.36	11.23	30.00	Complies
165	5825	10.95	0.36	11.31	30.00	Complies



Date: 30\_SEP.2020 17:20:18



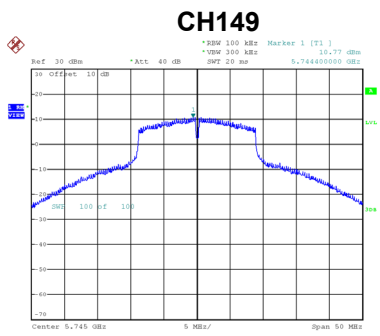
Date: 30\_SEP.2020 17:22:06



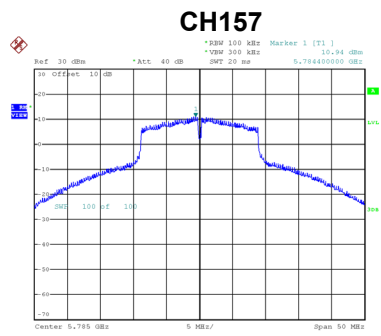
Date: 30\_SEP.2020 17:22:50

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

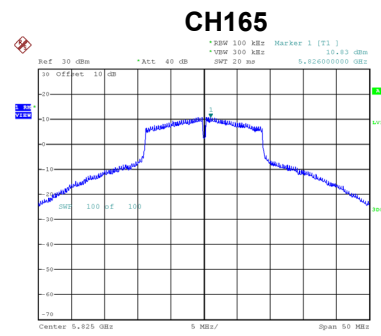
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.77	0.36	11.13	30.00	Complies
157	5785	10.94	0.36	11.30	30.00	Complies
165	5825	10.83	0.36	11.19	30.00	Complies



Date: 30\_SEP.2020 17:20:32



Date: 30\_SEP.2020 17:21:52



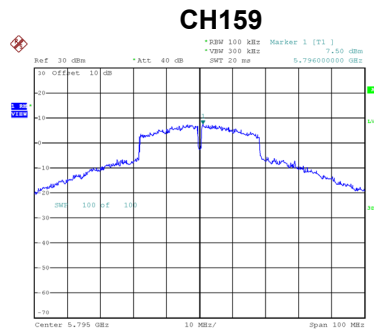
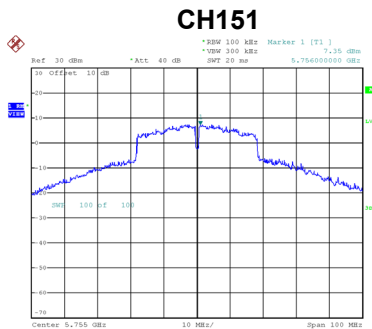
Date: 30\_SEP.2020 17:23:04

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	14.20	30.00	Complies
157	5785	14.27	30.00	Complies
165	5825	14.26	30.00	Complies

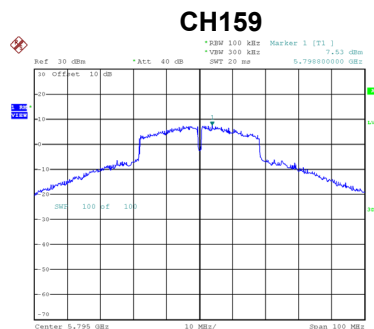
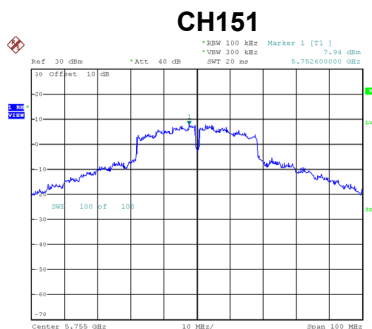
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	7.35	0.45	7.80	30.00	Complies
159	5795	7.50	0.45	7.95	30.00	Complies



Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	7.94	0.45	8.39	30.00	Complies
159	5795	7.53	0.45	7.98	30.00	Complies

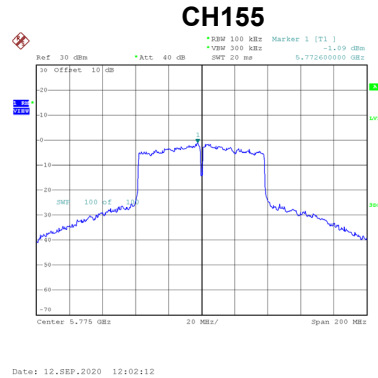


Test Mode	UNII-3_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	11.11	30.00	Complies
159	5795	10.97	30.00	Complies

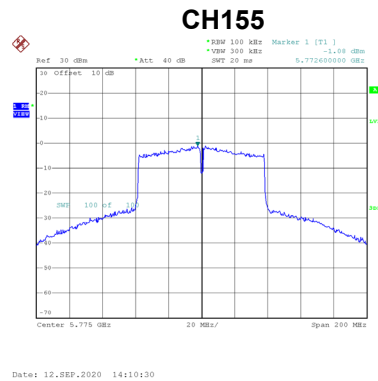
Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-1.09	0.43	-0.66	30.00	Complies



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	-1.08	0.43	-0.65	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	2.36	30.00	Complies

## APPENDIX H - FREQUENCY STABILITY



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

Voltage (V)	Measurement Frequency (MHz)
138	5180.0000
120	5179.9950
102	5179.9950
Maximum Deviation (MHz)	0.0250
Maximum Deviation (ppm)	4.8238

**Temperature vs. Frequency Stability**

Temperature (°C)	Measurement Frequency (MHz)
0	5180.0000
10	5179.9799
20	5179.9999
30	5179.9950
40	5179.9950
Maximum Deviation (MHz)	0.0201
Maximum Deviation (ppm)	3.8851

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

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5745.2199
120	5745.2200
102	5745.2200
Maximum Deviation (MHz)	0.2200
Maximum Deviation (ppm)	38.2920

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5745.2148
10	5745.2199
20	5745.2199
30	5745.2150
40	5745.2199
Maximum Deviation (MHz)	0.2199
Maximum Deviation (ppm)	38.2746

**End of Test Report**