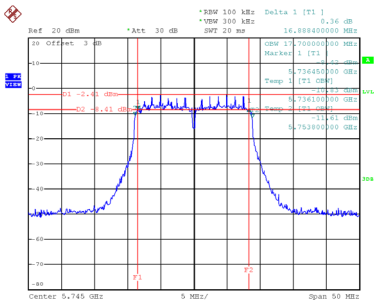


Test Mode UNII-3\_TX AC (VHT20) Mode

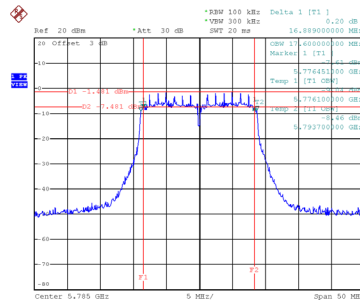
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.89	17.90	500	Complies
157	5785	16.89	17.90	500	Complies
165	5825	16.89	17.90	500	Complies

**CH149**



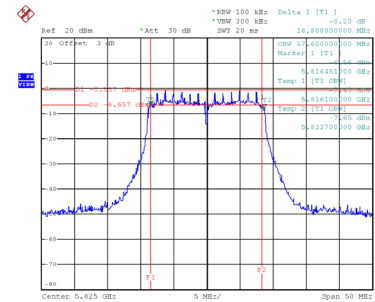
Date: 11.MAR.2020 10:38:36

**CH157**  
6 dB Bandwidth



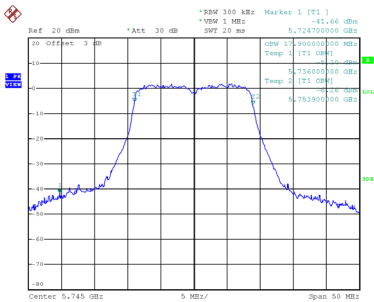
Date: 11.MAR.2020 10:40:13

**CH165**

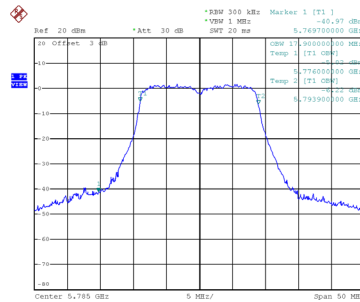


Date: 11.MAR.2020 10:41:31

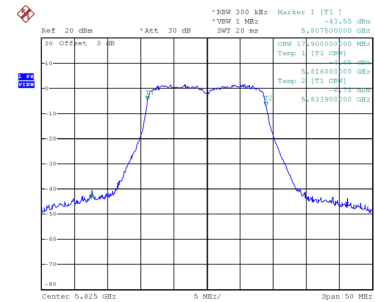
**99 % Emission Bandwidth**



Date: 11.MAR.2020 11:03:48



Date: 11.MAR.2020 11:04:02

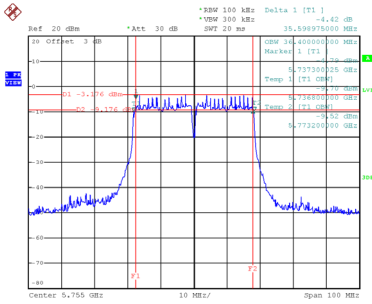


Date: 11.MAR.2020 11:04:17

Test Mode	UNII-3_TX AC (VHT40) Mode
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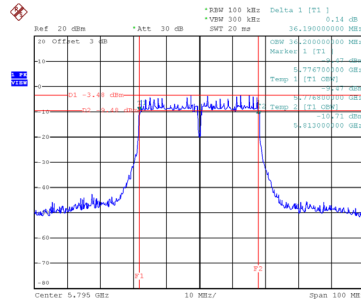
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	35.60	37.00	500	Complies
159	5795	36.19	37.20	500	Complies

### CH151



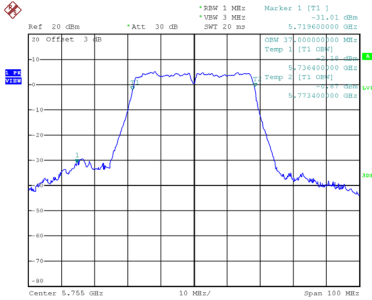
Date: 11.MAR.2020 10:52:15

### CH159 6 dB Bandwidth

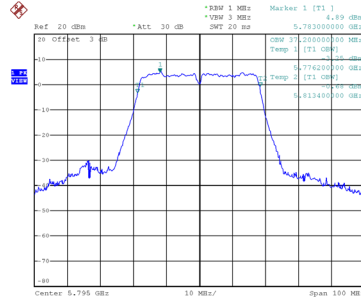


Date: 11.MAR.2020 10:53:15

### 99 % Emission Bandwidth



Date: 11.MAR.2020 11:08:52

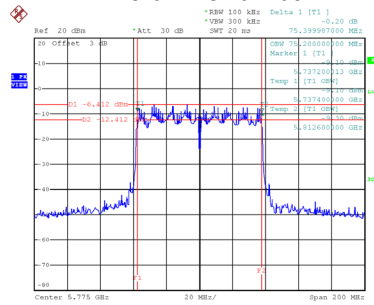


Date: 11.MAR.2020 11:09:04

Test Mode	UNII-3_TX AC (VHT80)
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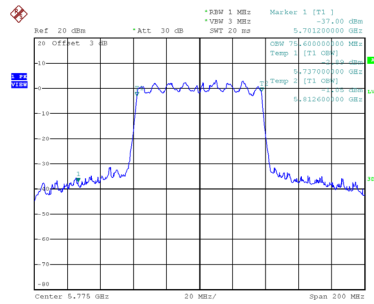
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	75.40	75.60	500	Complies

### CH155 6 dB Bandwidth



Date: 11\_MAR\_2020 10:22:27

### 99 % Emission Bandwidth



Date: 11\_MAR\_2020 11:10:16

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

### Non Beamforming

Test Mode	UNII-1_TX A Mode
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	16.75	0.15	16.90	24.00	0.25	Complies
40	5200	16.81	0.15	16.96	24.00	0.25	Complies
48	5240	16.69	0.15	16.84	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	16.74	0.15	16.89	30.00	1.00	Complies
157	5785	16.62	0.15	16.77	30.00	1.00	Complies
165	5825	16.82	0.15	16.97	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) 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	11.95	0.39	12.34	24.00	0.25	Complies
40	5200	11.82	0.39	12.21	24.00	0.25	Complies
48	5240	11.86	0.39	12.25	24.00	0.25	Complies

Test Mode	UNII-1_TX N (HT20) 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	11.83	0.39	12.22	24.00	0.25	Complies
40	5200	11.69	0.39	12.08	24.00	0.25	Complies
48	5240	11.78	0.39	12.17	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	15.30	21.84	0.15	Complies
40	5200	15.16	21.84	0.15	Complies
48	5240	15.22	21.84	0.15	Complies

Test Mode	UNII-1_TX N (HT40) 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	10.13	0.67	10.80	24.00	0.25	Complies
46	5230	11.29	0.67	11.96	24.00	0.25	Complies

Test Mode	UNII-1_TX N (HT40) 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	10.21	0.67	10.88	24.00	0.25	Complies
46	5230	11.38	0.67	12.05	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.85	21.84	0.15	Complies
46	5230	15.02	21.84	0.15	Complies

Test Mode	UNII-3_TX N (HT20) 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	11.32	0.39	11.71	30.00	1.00	Complies
157	5785	11.27	0.39	11.66	30.00	1.00	Complies
165	5825	11.84	0.39	12.23	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) 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	11.68	0.39	12.07	30.00	1.00	Complies
157	5785	11.84	0.39	12.23	30.00	1.00	Complies
165	5825	11.46	0.39	11.85	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	14.91	27.84	0.61	Complies
157	5785	14.97	27.84	0.61	Complies
165	5825	15.06	27.84	0.61	Complies



Test Mode	UNII-3_TX N (HT40) 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	11.05	0.67	11.72	30.00	1.00	Complies
159	5795	11.11	0.67	11.78	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) 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	11.31	0.67	11.98	30.00	1.00	Complies
159	5795	11.22	0.67	11.89	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	14.87	27.84	0.61	Complies
159	5795	14.85	27.84	0.61	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	9.58	0.45	10.03	24.00	0.25	Complies
40	5200	9.66	0.45	10.11	24.00	0.25	Complies
48	5240	9.74	0.45	10.19	24.00	0.25	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	9.11	0.45	9.56	24.00	0.25	Complies
40	5200	9.51	0.45	9.96	24.00	0.25	Complies
48	5240	9.39	0.45	9.84	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	12.81	21.84	0.15	Complies
40	5200	13.04	21.84	0.15	Complies
48	5240	13.03	21.84	0.15	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	9.33	0.63	9.96	24.00	0.25	Complies
46	5230	9.15	0.63	9.78	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	9.25	0.63	9.88	24.00	0.25	Complies
46	5230	9.23	0.63	9.86	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	12.93	21.84	0.15	Complies
46	5230	12.83	21.84	0.15	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	8.65	1.32	9.97	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	8.77	1.32	10.09	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	13.04	21.84	0.15	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	9.33	0.45	9.78	30.00	1.00	Complies
157	5785	9.66	0.45	10.11	30.00	1.00	Complies
165	5825	9.41	0.45	9.86	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	9.51	0.45	9.96	30.00	1.00	Complies
157	5785	9.26	0.45	9.71	30.00	1.00	Complies
165	5825	9.33	0.45	9.78	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	12.88	27.84	0.61	Complies
157	5785	12.92	27.84	0.61	Complies
165	5825	12.83	27.84	0.61	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	9.11	0.63	9.74	30.00	1.00	Complies
159	5795	9.03	0.63	9.66	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	9.25	0.63	9.88	30.00	1.00	Complies
159	5795	9.15	0.63	9.78	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	12.82	27.84	0.61	Complies
159	5795	12.73	27.84	0.61	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	8.54	1.32	9.86	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	8.62	1.32	9.94	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	12.91	27.84	0.61	Complies

### Beamforming

Test Mode	UNII-1_TX N (HT20) 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	11.89	0.39	12.28	24.00	0.25	Complies
40	5200	11.72	0.39	12.11	24.00	0.25	Complies
48	5240	11.84	0.39	12.23	24.00	0.25	Complies

Test Mode	UNII-1_TX N (HT20) 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	11.77	0.39	12.16	24.00	0.25	Complies
40	5200	11.59	0.39	11.98	24.00	0.25	Complies
48	5240	11.72	0.39	12.11	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	15.24	21.85	0.15	Complies
40	5200	15.06	21.85	0.15	Complies
48	5240	15.19	21.85	0.15	Complies



Test Mode	UNII-1_TX N (HT40) 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	10.12	0.67	10.79	24.00	0.25	Complies
46	5230	11.18	0.67	11.85	24.00	0.25	Complies

Test Mode	UNII-1_TX N (HT40) 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	10.18	0.67	10.85	24.00	0.25	Complies
46	5230	11.26	0.67	11.93	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.83	21.85	0.15	Complies
46	5230	14.90	21.85	0.15	Complies

Test Mode	UNII-3_TX N (HT20) 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	11.29	0.39	11.68	30.00	1.00	Complies
157	5785	11.19	0.39	11.58	30.00	1.00	Complies
165	5825	11.64	0.39	12.03	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) 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	11.55	0.39	11.94	30.00	1.00	Complies
157	5785	11.74	0.39	12.13	30.00	1.00	Complies
165	5825	11.52	0.39	11.91	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	14.83	27.85	0.61	Complies
157	5785	14.88	27.85	0.61	Complies
165	5825	14.99	27.85	0.61	Complies

Test Mode	UNII-3_TX N (HT40) 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	11.04	0.67	11.71	30.00	1.00	Complies
159	5795	11.05	0.67	11.72	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) 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	11.25	0.67	11.92	30.00	1.00	Complies
159	5795	11.19	0.67	11.86	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	14.83	27.85	0.61	Complies
159	5795	14.81	27.85	0.61	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	9.46	0.45	9.91	24.00	0.25	Complies
40	5200	9.54	0.45	9.99	24.00	0.25	Complies
48	5240	9.65	0.45	10.10	24.00	0.25	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	9.08	0.45	9.53	24.00	0.25	Complies
40	5200	9.44	0.45	9.89	24.00	0.25	Complies
48	5240	9.34	0.45	9.79	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	12.73	21.85	0.15	Complies
40	5200	12.95	21.85	0.15	Complies
48	5240	12.96	21.85	0.15	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	9.25	0.63	9.88	24.00	0.25	Complies
46	5230	9.14	0.63	9.77	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	9.21	0.63	9.84	24.00	0.25	Complies
46	5230	9.22	0.63	9.85	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	12.87	21.85	0.15	Complies
46	5230	12.82	21.85	0.15	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	8.54	1.32	9.86	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	8.67	1.32	9.99	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	12.93	21.85	0.15	Complies

Test Mode	UNII-3_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
149	5745	9.26	0.45	9.71	30.00	1.00	Complies
157	5785	9.54	0.45	9.99	30.00	1.00	Complies
165	5825	9.40	0.45	9.85	30.00	1.00	Complies

Test Mode	UNII-3_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
149	5745	9.46	0.45	9.91	30.00	1.00	Complies
157	5785	9.17	0.45	9.62	30.00	1.00	Complies
165	5825	9.30	0.45	9.75	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	12.82	27.85	0.61	Complies
157	5785	12.82	27.85	0.61	Complies
165	5825	12.81	27.85	0.61	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	9.05	0.63	9.68	30.00	1.00	Complies
159	5795	9.02	0.63	9.65	30.00	1.00	Complies

Test Mode	UNII-3_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
151	5755	9.11	0.63	9.74	30.00	1.00	Complies
159	5795	9.05	0.63	9.68	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	12.72	27.85	0.61	Complies
159	5795	12.67	27.85	0.61	Complies



Test Mode	UNII-3_TX AC (VHT80) 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
155	5775	8.43	1.32	9.75	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) 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
155	5775	8.55	1.32	9.87	30.00	1.00	Complies

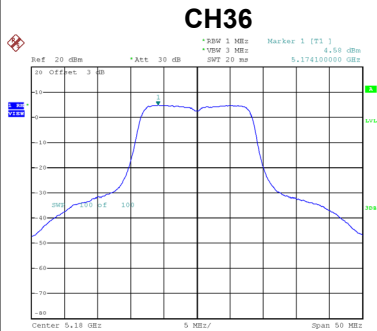
Test Mode	UNII-3_TX AC (VHT80) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	12.82	27.85	0.61	Complies

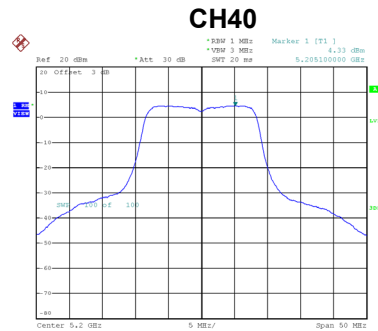
## **APPENDIX G - POWER SPECTRAL DENSITY**

Test Mode	UNII-1_TX A Mode
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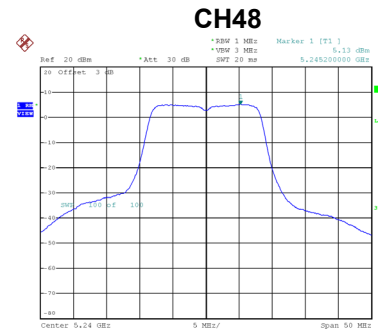
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	4.58	0.15	4.73	11.00	Complies
40	5200	4.33	0.15	4.48	11.00	Complies
48	5240	5.13	0.15	5.28	11.00	Complies



Date: 29.MAY.2020 09:18:53



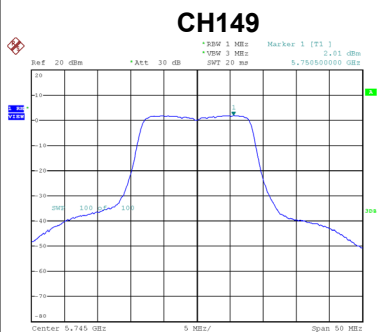
Date: 29.MAY.2020 09:19:47



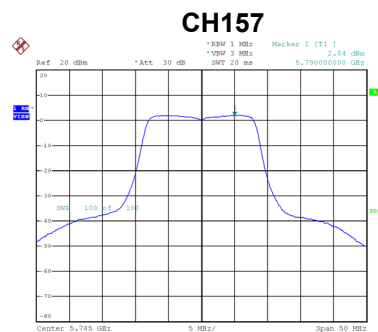
Date: 11.MAR.2020 09:20:35

Test Mode	UNII-3_TX A Mode
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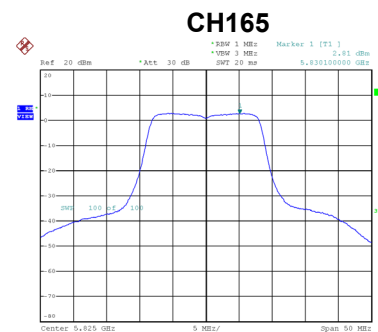
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	2.01	0.15	2.16	30.00	Complies
157	5785	2.04	0.15	2.19	30.00	Complies
165	5825	2.81	0.15	2.96	30.00	Complies



Date: 11.MAR.2020 09:31:46



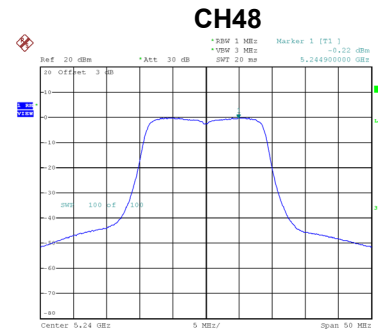
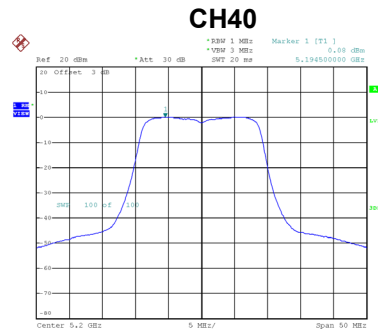
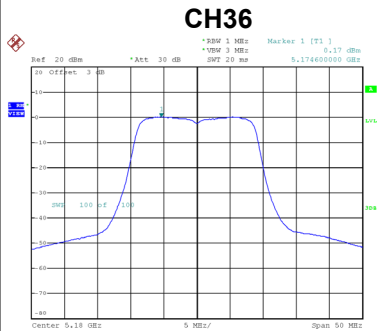
Date: 11.MAR.2020 09:33:37



Date: 11.MAR.2020 09:35:22

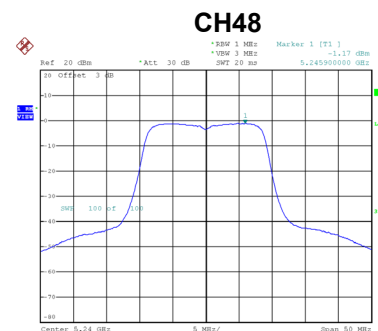
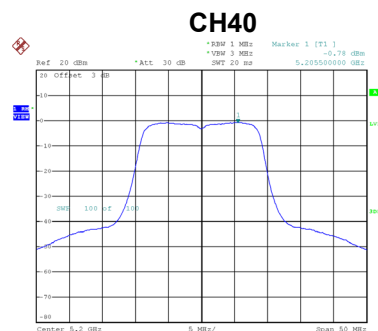
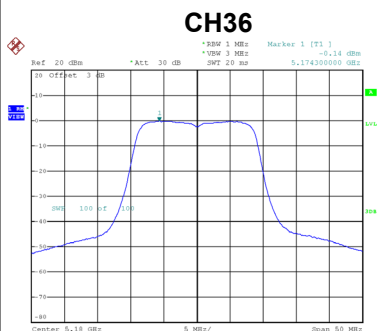
Test Mode	UNII-1_TX N (HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	0.17	0.39	0.56	11.00	Complies
40	5200	0.08	0.39	0.47	11.00	Complies
48	5240	-0.22	0.39	0.17	11.00	Complies



Test Mode	UNII-1_TX N (HT20) 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	-0.14	0.39	0.25	11.00	Complies
40	5200	-0.78	0.39	-0.39	11.00	Complies
48	5240	-1.17	0.39	-0.78	11.00	Complies

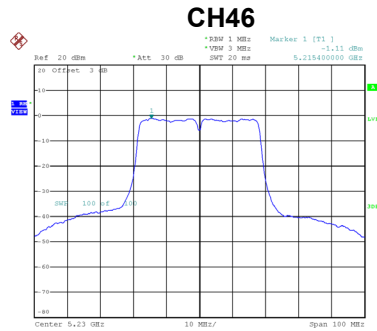
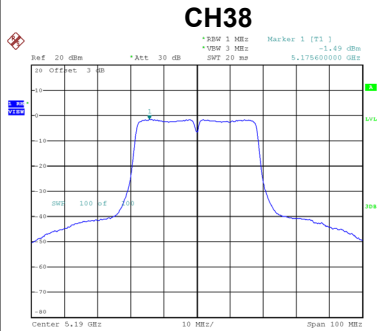


Test Mode	UNII-1_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	3.42	8.84	Complies
40	5200	3.08	8.84	Complies
48	5240	2.74	8.84	Complies

Test Mode	UNII-1_TX N (HT40) 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	-1.49	0.67	-0.82	11.00	Complies
46	5230	-1.11	0.67	-0.44	11.00	Complies

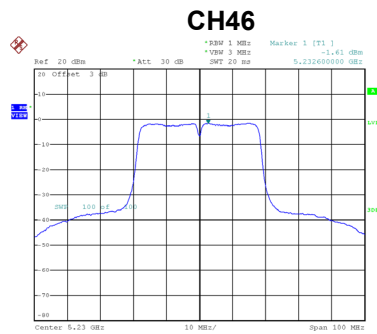
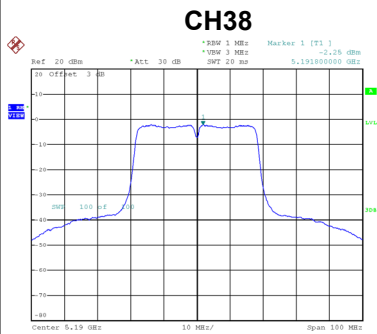


Date: 11.MAR.2020 09:55:22

Date: 11.MAR.2020 10:02:41

Test Mode	UNII-1_TX N (HT40) 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	-2.25	0.67	-1.58	11.00	Complies
46	5230	-1.61	0.67	-0.94	11.00	Complies



Date: 11.MAR.2020 11:27:43

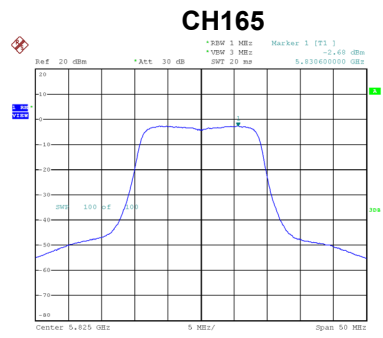
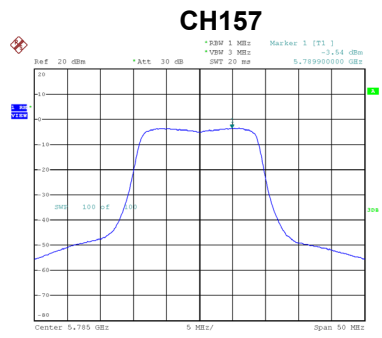
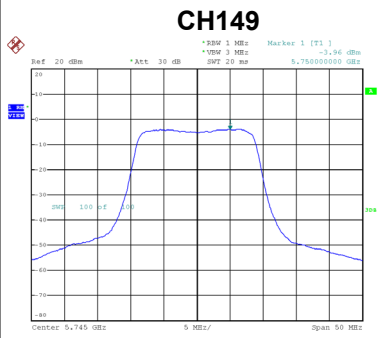
Date: 11.MAR.2020 11:28:13

Test Mode	UNII-1_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	1.83	8.84	Complies
46	5230	2.33	8.84	Complies

Test Mode	UNII-3_TX N (HT20) 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	-3.96	0.39	-3.57	30.00	Complies
157	5785	-3.54	0.39	-3.15	30.00	Complies
165	5825	-2.68	0.39	-2.29	30.00	Complies



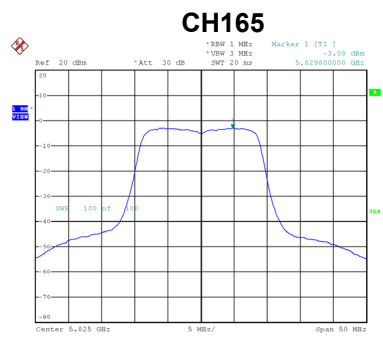
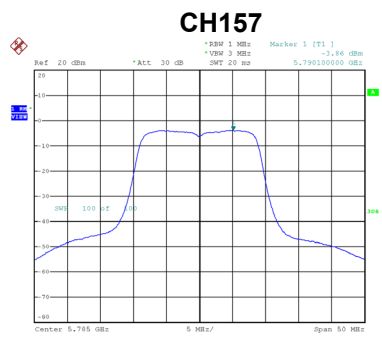
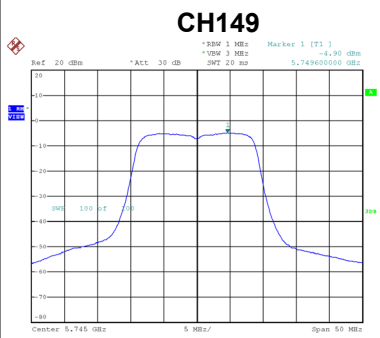
Date: 11.MAR.2020 09:48:28

Date: 11.MAR.2020 09:49:26

Date: 11.MAR.2020 09:51:28

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-4.90	0.39	-4.51	30.00	Complies
157	5785	-3.86	0.39	-3.47	30.00	Complies
165	5825	-3.00	0.39	-2.61	30.00	Complies



Date: 11.MAR.2020 14:07:59

Date: 11.MAR.2020 11:21:59

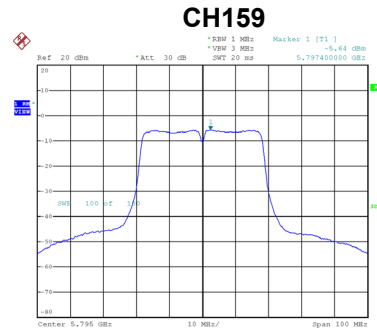
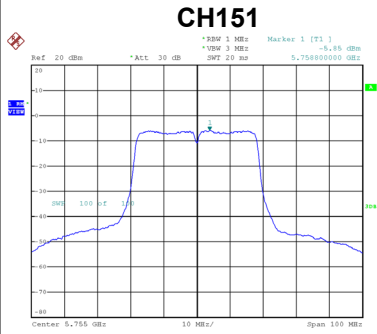
Date: 11.MAR.2020 11:22:16

Test Mode	UNII-3_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-1.00	27.84	Complies
157	5785	-0.29	27.84	Complies
165	5825	0.57	27.84	Complies

Test Mode	UNII-3_TX N (HT40) 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	-5.85	0.67	-5.18	30.00	Complies
159	5795	-5.64	0.67	-4.97	30.00	Complies

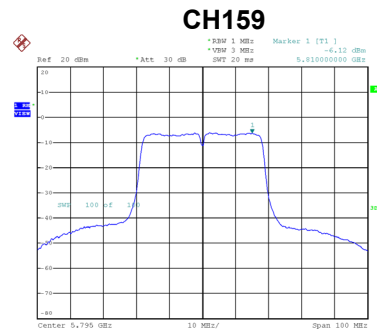
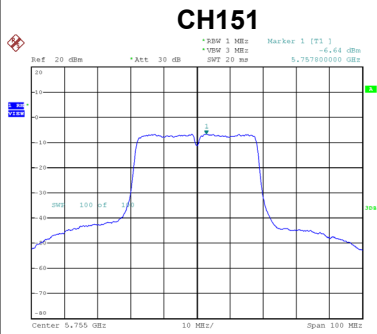


Date: 11.MAR.2020 10:10:48

Date: 11.MAR.2020 10:12:06

Test Mode	UNII-3_TX N (HT40) 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	-6.64	0.67	-5.97	30.00	Complies
159	5795	-6.12	0.67	-5.45	30.00	Complies



Date: 11.MAR.2020 11:39:00

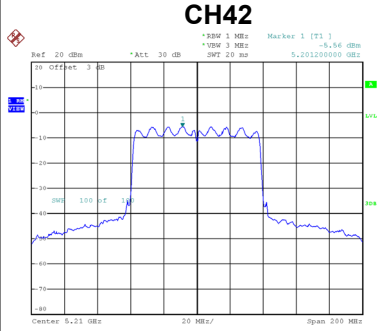
Date: 11.MAR.2020 11:39:59

Test Mode	UNII-3_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-2.54	27.84	Complies
159	5795	-2.19	27.84	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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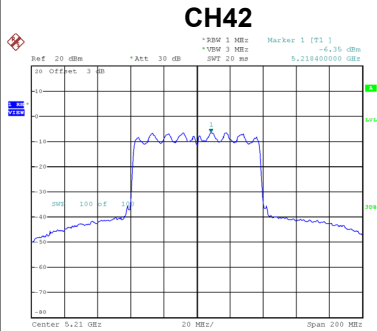
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-5.56	1.32	-4.24	11.00	Complies



Date: 11.MAR.2020 10:13:19

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	-6.35	1.32	-5.03	11.00	Complies



Date: 11.MAR.2020 11:52:02

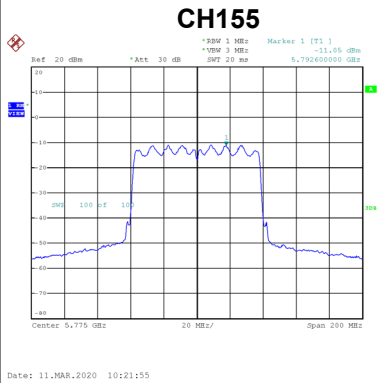
Test Mode	UNII-1_TX AC (VHT80) Mode_Total
-----------	---------------------------------

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-1.61	8.84	Complies



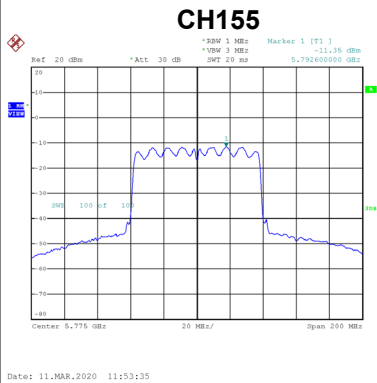
Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-11.05	1.32	-9.73	30.00	Complies



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	-11.35	1.32	-10.03	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	-6.87	27.84	Complies

## **APPENDIX H - FREQUENCY STABILITY**

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

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
138	5179.9204
120	5179.9204
102	5179.9180
Maximum Deviation (MHz)	0.0820
Maximum Deviation (ppm)	15.8301

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
-10	5179.9204
0	5179.9192
10	5179.9200
20	5179.9204
30	5179.9204
40	5179.9200
50	5179.9204
60	5179.9200
70	5179.9204
Maximum Deviation (MHz)	0.0808
Maximum Deviation (ppm)	15.5985

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

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5744.9092
120	5744.9092
102	5744.9092
Maximum Deviation (MHz)	0.0908
Maximum Deviation (ppm)	15.8050

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
-10	5744.9092
0	5744.9092
10	5744.9092
20	5744.9092
30	5744.9092
40	5744.9092
50	5744.9092
60	5744.9092
70	5744.9092
Maximum Deviation (MHz)	0.0908
Maximum Deviation (ppm)	15.8050

**End of Test Report**