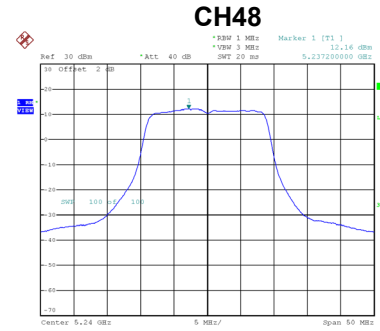
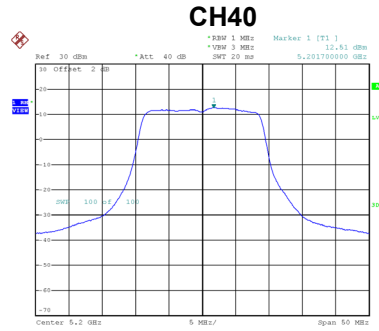
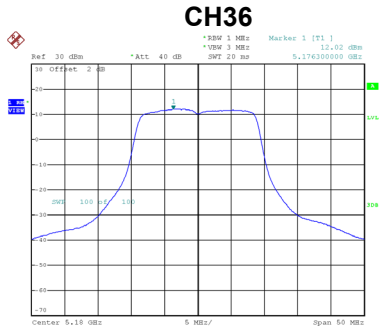


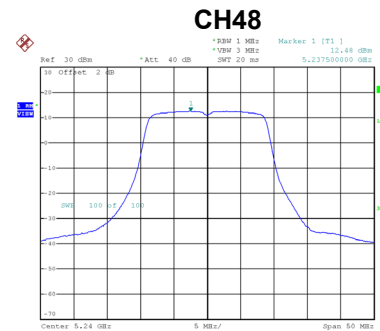
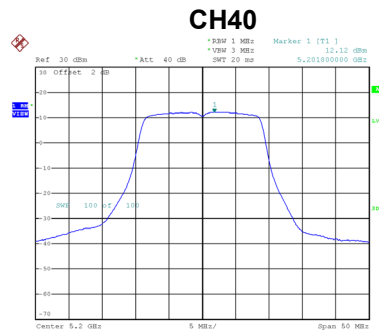
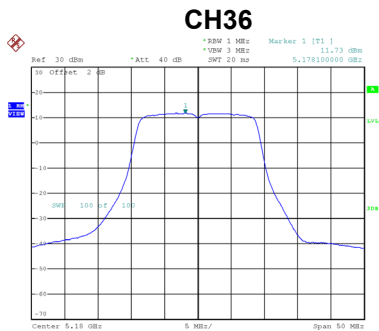
**Test Mode** UNII-1\_TX N (HT20) Mode\_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	12.02	0.15	12.17	17.00	Complies
40	5200	12.51	0.15	12.66	17.00	Complies
48	5240	12.16	0.15	12.31	17.00	Complies



**Test Mode** UNII-1\_TX N (HT20) 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	11.73	0.15	11.88	17.00	Complies
40	5200	12.12	0.15	12.27	17.00	Complies
48	5240	12.48	0.15	12.63	17.00	Complies

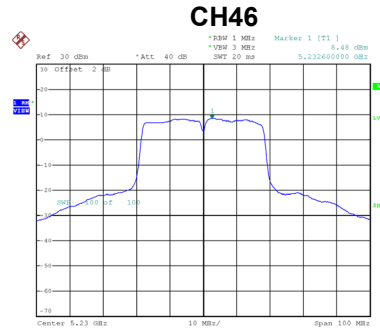
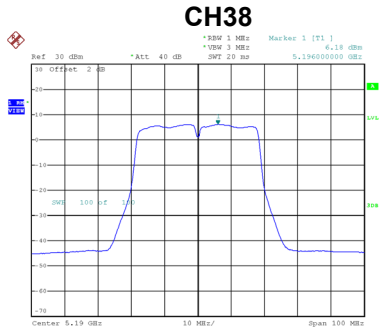


**Test Mode** UNII-1\_TX N (HT20) Mode\_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	15.04	17.00	Complies
40	5200	15.48	17.00	Complies
48	5240	15.49	17.00	Complies

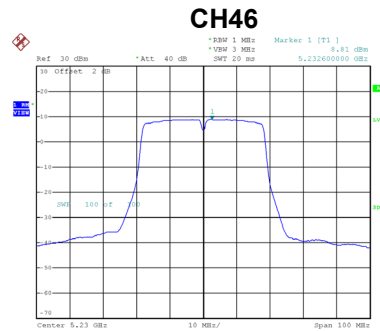
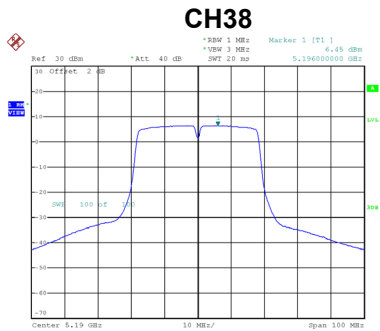
Test Mode	UNII-1_TX N (HT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.18	0.23	6.41	17.00	Complies
46	5230	8.48	0.23	8.71	17.00	Complies



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	6.45	0.23	6.68	17.00	Complies
46	5230	8.81	0.23	9.04	17.00	Complies

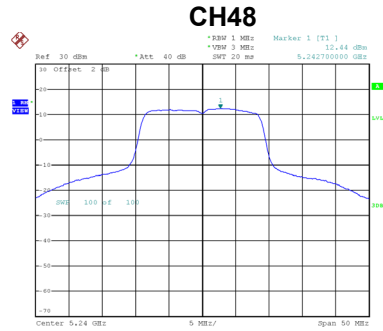
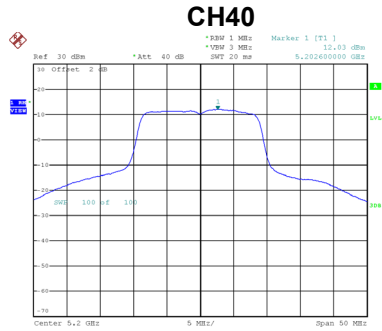
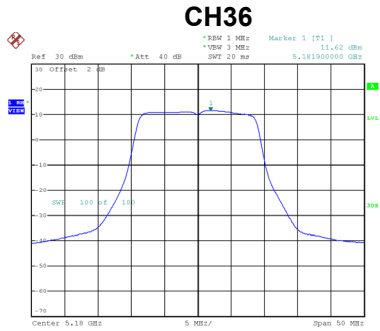


Test Mode	UNII-1_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	9.56	17.00	Complies
46	5230	11.89	17.00	Complies

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	11.62	0.17	11.79	17.00	Complies
40	5200	12.03	0.17	12.20	17.00	Complies
48	5240	12.44	0.17	12.61	17.00	Complies



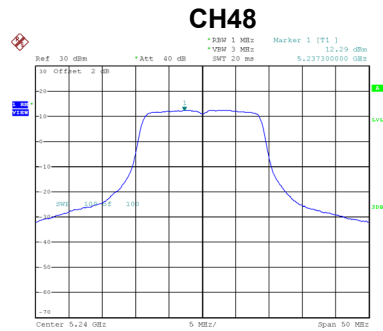
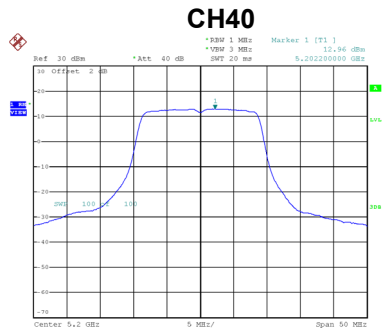
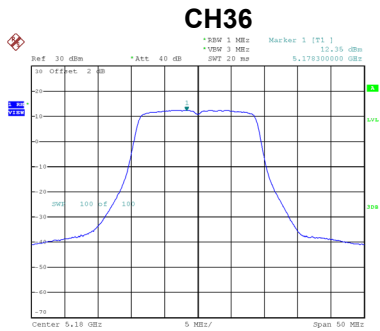
Date: 31.OCT.2019 17:25:28

Date: 31.OCT.2019 17:48:28

Date: 31.OCT.2019 17:51:27

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	12.35	0.17	12.52	17.00	Complies
40	5200	12.96	0.17	13.13	17.00	Complies
48	5240	12.29	0.17	12.46	17.00	Complies



Date: 31.OCT.2019 16:53:03

Date: 31.OCT.2019 17:47:38

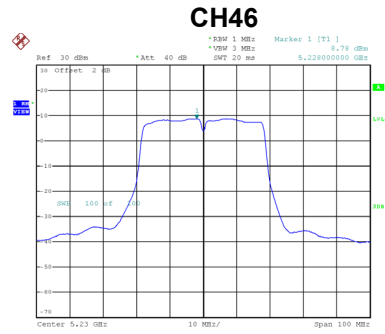
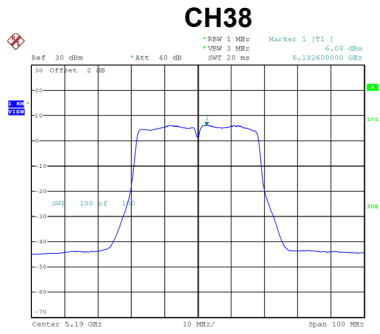
Date: 31.OCT.2019 17:50:24

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	15.18	17.00	Complies
40	5200	15.70	17.00	Complies
48	5240	15.55	17.00	Complies

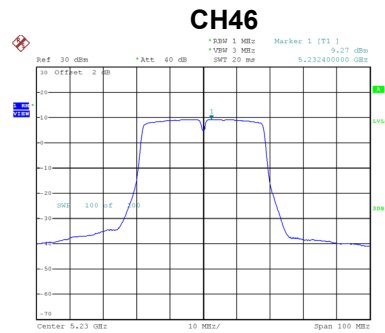
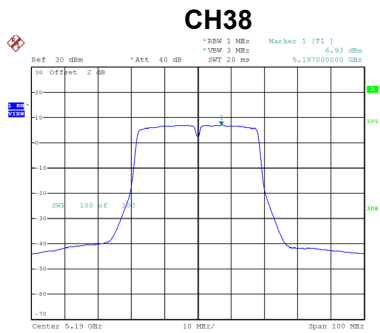
**Test Mode** UNII-1\_TX AC (VHT40) Mode\_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.08	0.22	6.30	17.00	Complies
46	5230	8.78	0.22	9.00	17.00	Complies



**Test Mode** UNII-1\_TX AC (VHT40) Mode\_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.93	0.22	7.15	17.00	Complies
46	5230	9.27	0.22	9.49	17.00	Complies



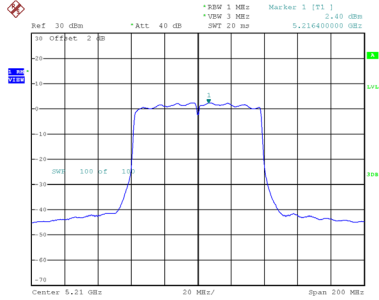
**Test Mode** UNII-1\_TX AC (VHT40) Mode\_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	9.75	17.00	Complies
46	5230	12.26	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	2.40	0.20	2.60	17.00	Complies

**CH42**

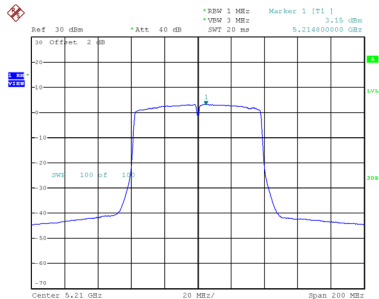


Date: 31.OCT.2019 18:37:22

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	3.15	0.20	3.35	17.00	Complies

**CH42**



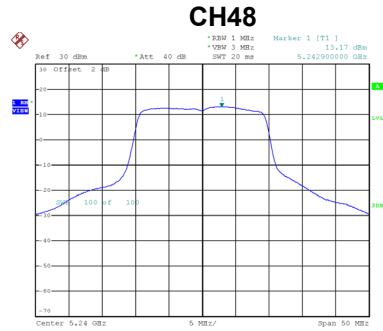
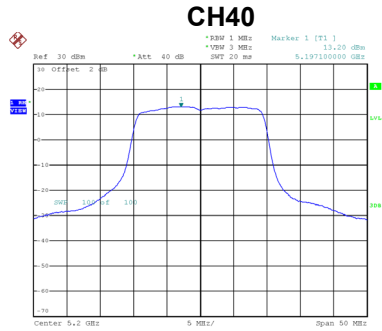
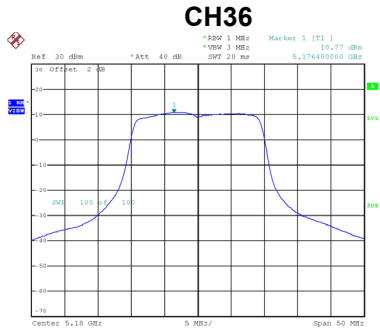
Date: 31.OCT.2019 17:00:49

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	6.00	17.00	Complies

Test Mode	UNII-1_TX AX (HEW20) 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	10.77	0.18	10.95	17.00	Complies
40	5200	13.20	0.18	13.38	17.00	Complies
48	5240	13.17	0.18	13.35	17.00	Complies



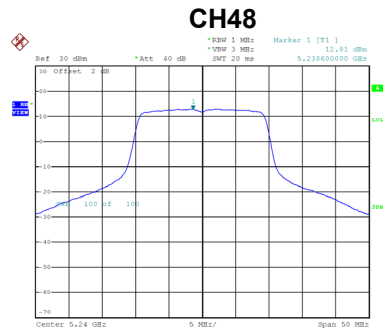
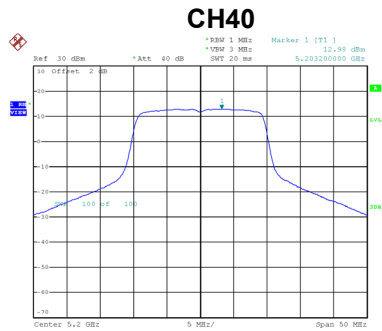
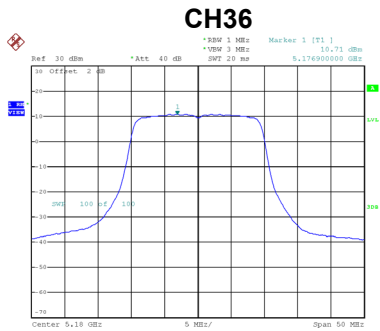
Date: 31.OCT.2019 18:54:15

Date: 31.OCT.2019 18:56:03

Date: 31.OCT.2019 18:57:51

Test Mode	UNII-1_TX AX (HEW20) 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	10.71	0.18	10.89	17.00	Complies
40	5200	12.98	0.18	13.16	17.00	Complies
48	5240	12.81	0.18	12.99	17.00	Complies



Date: 31.OCT.2019 17:03:00

Date: 31.OCT.2019 17:04:08

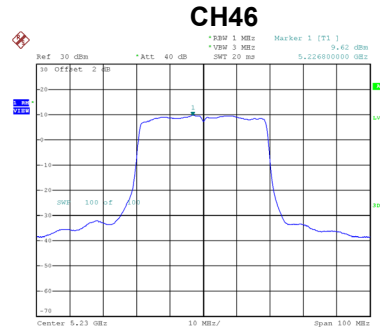
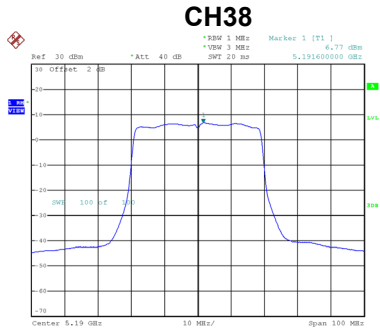
Date: 31.OCT.2019 18:59:49

Test Mode	UNII-1_TX AX (HEW20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	13.94	17.00	Complies
40	5200	16.29	17.00	Complies
48	5240	16.19	17.00	Complies

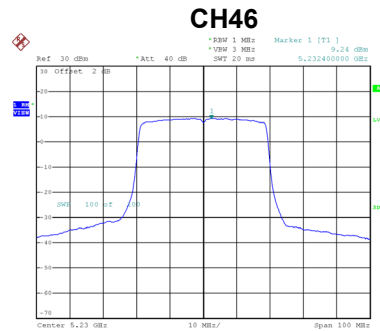
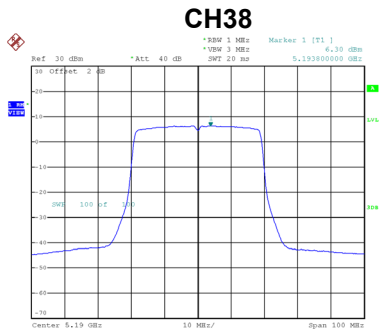
Test Mode	UNII-1_TX AX (HEW40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.77	0.19	6.96	17.00	Complies
46	5230	9.62	0.19	9.81	17.00	Complies



Test Mode	UNII-1_TX AX (HEW40) 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	6.30	0.19	6.49	17.00	Complies
46	5230	9.24	0.19	9.43	17.00	Complies



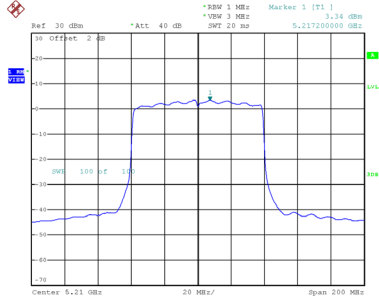
Test Mode	UNII-1_TX AX (HEW40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	9.74	17.00	Complies
46	5230	12.63	17.00	Complies

Test Mode	UNII-1_TX AX (HEW80) 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	3.34	0.17	3.51	17.00	Complies

**CH42**

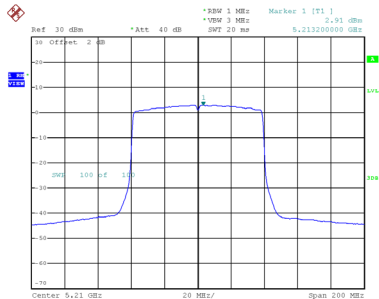


Date: 31.OCT.2019 19:03:26

Test Mode	UNII-1_TX AX (HEW80) 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	2.91	0.17	3.08	17.00	Complies

**CH42**



Date: 31.OCT.2019 17:08:17

Test Mode	UNII-1_TX AX (HEW80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	6.31	17.00	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	5179.9599
102	5179.9399
	5179.9599
Maximum Deviation (MHz)	0.0601
Maximum Deviation (ppm)	11.6071

**Temperature vs. Frequency Stability**

Temperature (°C)	Measurement Frequency (MHz)
0	5180.0000
5	5179.9600
15	5179.9550
25	5179.9599
35	5179.9399
40	5179.9399
	5179.9550
Maximum Deviation (MHz)	0.0601
Maximum Deviation (ppm)	11.6071

**End of Test Report**