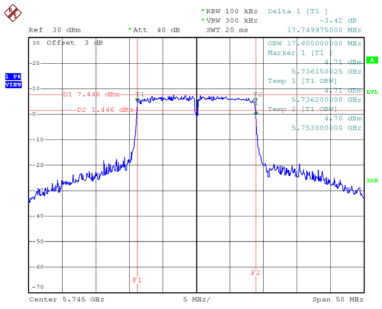
Test Mode	UNII-3_TX AC (VHT20) Mode

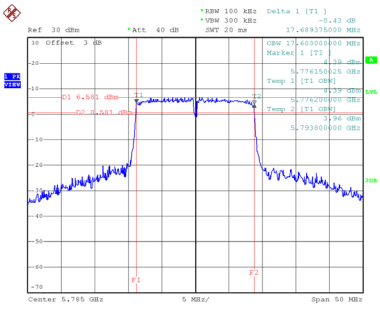
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.75	500	Complies
157	5785	17.69	500	Complies
165	5825	17.80	500	Complies

CH149



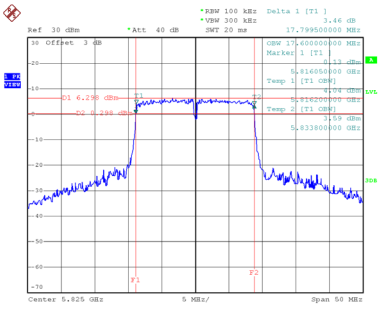
Date: 9.SEP.2019 15:50:44

CH157



Date: 9.SEP.2019 15:52:10

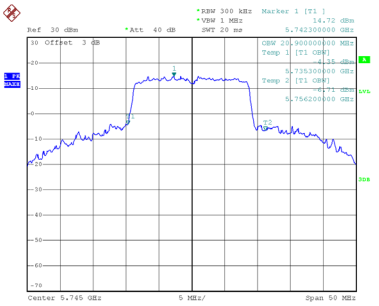
CH165



Date: 9.SEP.2019 15:53:37

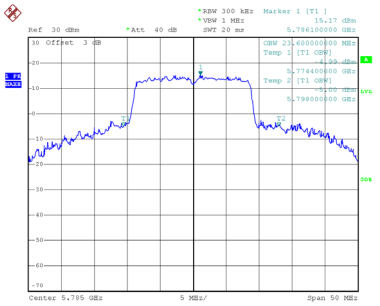
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
149	5745	20.90	Complies
157	5785	23.60	Complies
165	5825	21.30	Complies

CH149



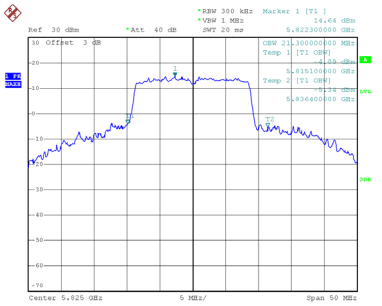
Date: 9.SEP.2019 17:13:54

CH157



Date: 9.SEP.2019 17:14:22

CH165

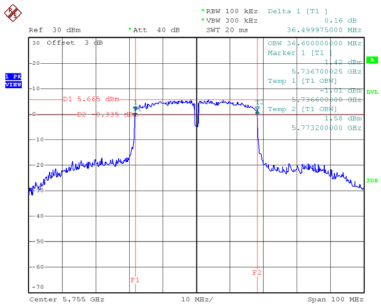


Date: 9.SEP.2019 17:14:51

Test Mode	UNII-3_TX AC (VHT40) Mode

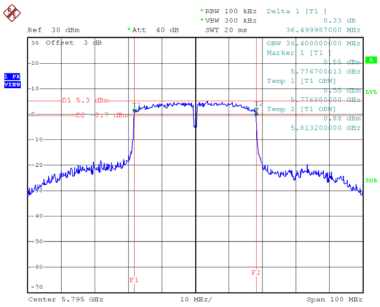
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	36.50	500	Complies
159	5795	36.50	500	Complies

CH151



Date: 9.SEP.2019 16:04:21

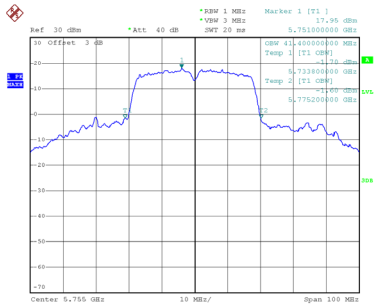
CH159



Date: 9.SEP.2019 16:05:56

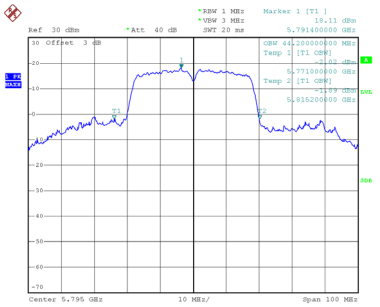
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
151	5755	41.40	Complies
159	5795	44.20	Complies

CH151



Date: 9.SEP.2019 17:17:16

CH159

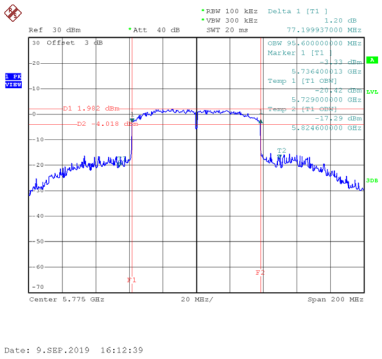


Date: 9.SEP.2019 17:17:59

Test Mode	UNII-3_TX AC (VHT80)

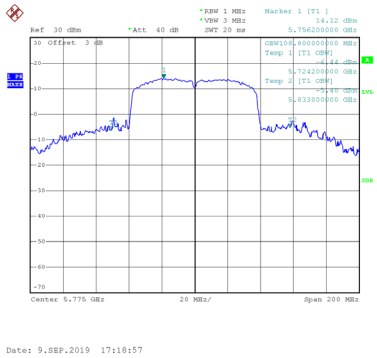
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	77.20	500	Complies

CH155



Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
155	5775	108.80	Complies

CH155



APPENDIX F - CONDUCTED OUTPUT POWER

Non-Beamforming

Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	22.76	0.00	22.76	30.00	1.00	Complies
40	5200	24.37	0.00	24.37	30.00	1.00	Complies
48	5240	24.14	0.00	24.14	30.00	1.00	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	20.89	0.00	20.89	27.99	0.63	Complies
40	5200	20.95	0.00	20.95	27.99	0.63	Complies
48	5240	19.97	0.00	19.97	27.99	0.63	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	20.99	0.00	20.99	27.99	0.63	Complies
40	5200	21.15	0.00	21.15	27.99	0.63	Complies
48	5240	20.01	0.00	20.01	27.99	0.63	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	23.95	27.99	0.63	Complies
40	5200	24.06	27.99	0.63	Complies
48	5240	23.00	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	19.45	0.00	19.45	27.99	0.63	Complies
46	5230	22.69	0.00	22.69	27.99	0.63	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	18.61	0.00	18.61	27.99	0.63	Complies
46	5230	22.11	0.00	22.11	27.99	0.63	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	22.06	27.99	0.63	Complies
46	5230	25.42	27.99	0.63	Complies

Test Mode	UNII-3_TX A Mode

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	23.09	0.00	23.09	30.00	1.00	Complies
157	5785	22.53	0.00	22.53	30.00	1.00	Complies
165	5825	23.01	0.00	23.01	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.23	0.00	21.23	27.99	0.63	Complies
157	5785	21.47	0.00	21.47	27.99	0.63	Complies
165	5825	21.38	0.00	21.38	27.99	0.63	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.45	0.00	21.45	27.99	0.63	Complies
157	5785	21.41	0.00	21.41	27.99	0.63	Complies
165	5825	21.15	0.00	21.15	27.99	0.63	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.35	27.99	0.63	Complies
157	5785	24.45	27.99	0.63	Complies
165	5825	24.28	27.99	0.63	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	20.77	0.00	20.77	27.99	0.63	Complies
159	5795	20.82	0.00	20.82	27.99	0.63	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	20.59	0.00	20.59	27.99	0.63	Complies
159	5795	20.87	0.00	20.87	27.99	0.63	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.69	27.99	0.63	Complies
159	5795	23.86	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.94	0.00	21.94	27.99	0.63	Complies
40	5200	21.43	0.00	21.43	27.99	0.63	Complies
48	5240	20.58	0.00	20.58	27.99	0.63	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.53	0.00	21.53	27.99	0.63	Complies
40	5200	20.87	0.00	20.87	27.99	0.63	Complies
48	5240	20.43	0.00	20.43	27.99	0.63	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	24.75	27.99	0.63	Complies
40	5200	24.17	27.99	0.63	Complies
48	5240	23.52	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	20.59	0.00	20.59	27.99	0.63	Complies
46	5230	23.27	0.00	23.27	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	19.26	0.00	19.26	27.99	0.63	Complies
46	5230	21.67	0.00	21.67	27.99	0.63	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	22.99	27.99	0.63	Complies
46	5230	25.55	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	18.65	0.00	18.65	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	17.86	0.00	17.86	27.99	0.63	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	21.28	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.25	0.00	21.25	27.99	0.63	Complies
157	5785	21.31	0.00	21.31	27.99	0.63	Complies
165	5825	21.67	0.00	21.67	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.64	0.00	21.64	27.99	0.63	Complies
157	5785	21.71	0.00	21.71	27.99	0.63	Complies
165	5825	21.35	0.00	21.35	27.99	0.63	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.46	27.99	0.63	Complies
157	5785	24.52	27.99	0.63	Complies
165	5825	24.52	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	21.68	0.00	21.68	27.99	0.63	Complies
159	5795	22.02	0.00	22.02	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	21.11	0.00	21.11	27.99	0.63	Complies
159	5795	21.32	0.00	21.32	27.99	0.63	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.41	27.99	0.63	Complies
159	5795	24.69	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	21.94	0.00	21.94	27.99	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	19.23	0.00	19.23	27.99	0.63	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	23.80	27.99	0.63	Complies

Beamforming

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	20.22	0.00	20.22	28.00	0.63	Complies
40	5200	20.63	0.00	20.63	28.00	0.63	Complies
48	5240	19.29	0.00	19.29	28.00	0.63	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	20.36	0.00	20.36	28.00	0.63	Complies
40	5200	20.53	0.00	20.53	28.00	0.63	Complies
48	5240	19.31	0.00	19.31	28.00	0.63	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	23.30	28.00	0.63	Complies
40	5200	23.59	28.00	0.63	Complies
48	5240	22.31	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	18.75	0.00	18.75	28.00	0.63	Complies
46	5230	22.09	0.00	22.09	28.00	0.63	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	18.01	0.00	18.01	28.00	0.63	Complies
46	5230	21.76	0.00	21.76	28.00	0.63	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	21.41	28.00	0.63	Complies
46	5230	24.94	28.00	0.63	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	20.86	0.00	20.86	28.00	0.63	Complies
157	5785	20.69	0.00	20.69	28.00	0.63	Complies
165	5825	20.86	0.00	20.86	28.00	0.63	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	20.99	0.00	20.99	28.00	0.63	Complies
157	5785	20.89	0.00	20.89	28.00	0.63	Complies
165	5825	20.76	0.00	20.76	28.00	0.63	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	23.94	28.00	0.63	Complies
157	5785	23.80	28.00	0.63	Complies
165	5825	23.82	28.00	0.63	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	20.19	0.00	20.19	28.00	0.63	Complies
159	5795	20.16	0.00	20.16	28.00	0.63	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	19.89	0.00	19.89	28.00	0.63	Complies
159	5795	20.23	0.00	20.23	28.00	0.63	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.05	28.00	0.63	Complies
159	5795	23.21	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.36	0.00	21.36	28.00	0.63	Complies
40	5200	19.76	0.00	19.76	28.00	0.63	Complies
48	5240	19.91	0.00	19.91	28.00	0.63	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	20.81	0.00	20.81	28.00	0.63	Complies
40	5200	19.23	0.00	19.23	28.00	0.63	Complies
48	5240	19.78	0.00	19.78	28.00	0.63	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	24.10	28.00	0.63	Complies
40	5200	22.51	28.00	0.63	Complies
48	5240	22.86	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	19.95	0.00	19.95	28.00	0.63	Complies
46	5230	22.57	0.00	22.57	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	18.71	0.00	18.71	28.00	0.63	Complies
46	5230	21.02	0.00	21.02	28.00	0.63	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	22.38	28.00	0.63	Complies
46	5230	24.87	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	18.06	0.00	18.06	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	17.16	0.00	17.16	28.00	0.63	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	20.64	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	20.45	0.00	20.45	28.00	0.63	Complies
157	5785	20.56	0.00	20.56	28.00	0.63	Complies
165	5825	21.01	0.00	21.01	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	20.59	0.00	20.59	28.00	0.63	Complies
157	5785	20.89	0.00	20.89	28.00	0.63	Complies
165	5825	20.55	0.00	20.55	28.00	0.63	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	23.53	28.00	0.63	Complies
157	5785	23.74	28.00	0.63	Complies
165	5825	23.80	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	20.96	0.00	20.96	28.00	0.63	Complies
159	5795	21.46	0.00	21.46	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	20.51	0.00	20.51	28.00	0.63	Complies
159	5795	20.61	0.00	20.61	28.00	0.63	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.75	28.00	0.63	Complies
159	5795	24.07	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	21.31	0.00	21.31	28.00	0.63	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	18.59	0.00	18.59	28.00	0.63	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total

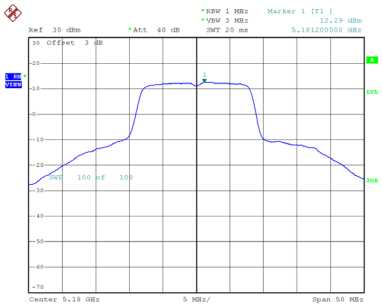
Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	23.17	28.00	0.63	Complies

APPENDIX G - POWER SPECTRAL DENSITY

Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	12.29	0.00	12.29	17.00	Complies
40	5200	12.76	0.00	12.76	17.00	Complies
48	5240	12.96	0.00	12.96	17.00	Complies

CH36



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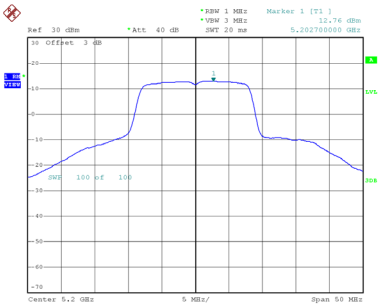
CH40



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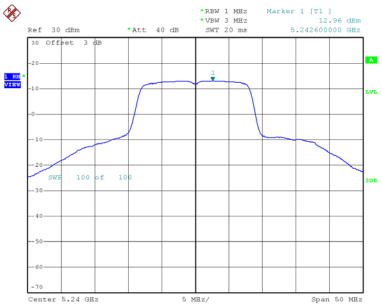
CH48

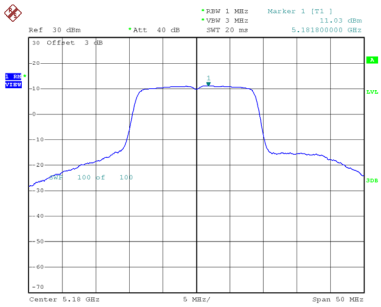


Date: 9.SEP.2019 15:10:05

Test Mode	UNII-1_TX AC (VHT20) 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	11.03	0.00	11.03	14.99	Complies
40	5200	10.78	0.00	10.78	14.99	Complies
48	5240	10.58	0.00	10.58	14.99	Complies

CH36



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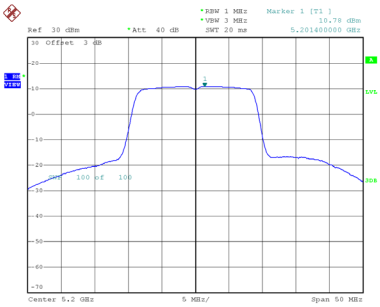

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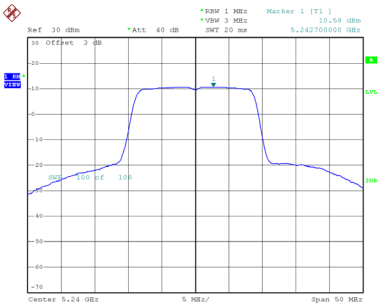
CH48



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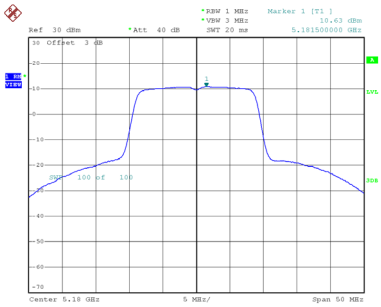
Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	10.63	0.00	10.63	14.99	Complies
40	5200	8.44	0.00	8.44	14.99	Complies
48	5240	7.62	0.00	7.62	14.99	Complies

CH36



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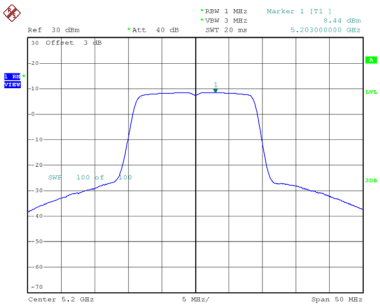

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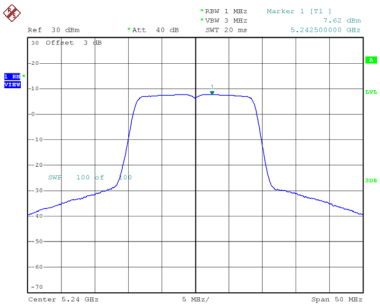

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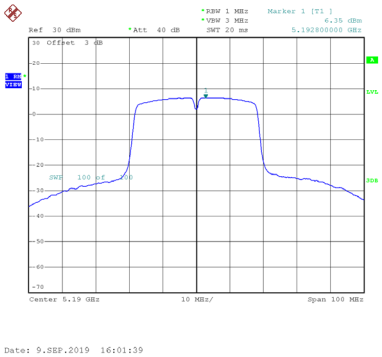
Test Mode	UNII-1_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	13.84	14.99	Complies
40	5200	12.78	14.99	Complies
48	5240	12.36	14.99	Complies

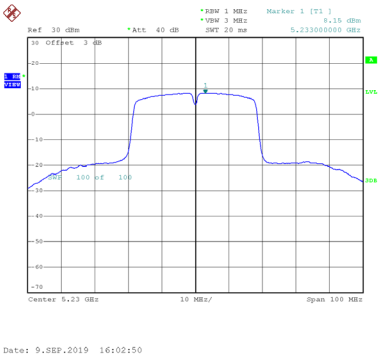
Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.35	0.00	6.35	14.99	Complies
46	5230	8.15	0.00	8.15	14.99	Complies

CH38



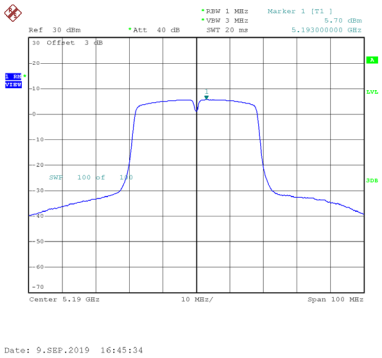
CH46



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	5.70	0.00	5.70	14.99	Complies
46	5230	7.38	0.00	7.38	14.99	Complies

CH38



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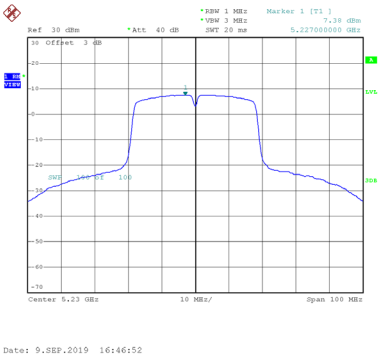


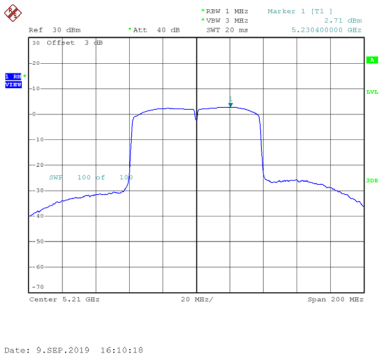
Test Mode	UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	9.05	14.99	Complies
46	5230	10.79	14.99	Complies

Test Mode	UNII-1_TX AC (VHT80) 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
42	5210	2.71	0.00	2.71	14.99	Complies

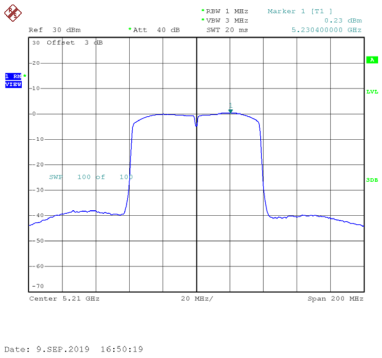
CH42



Test Mode	UNII-1_TX AC (VHT80) 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
42	5210	0.23	0.00	0.23	14.99	Complies

CH42



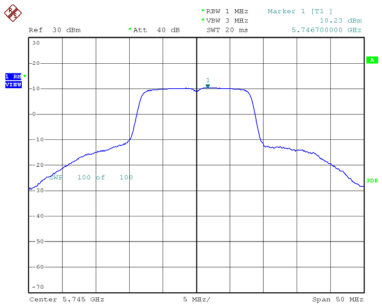
Test Mode	UNII-1_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	4.65	14.99	Complies

Test Mode	UNII-3_TX A Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.23	0.00	10.23	30.00	Complies
157	5785	9.75	0.00	9.75	30.00	Complies
165	5825	9.60	0.00	9.60	30.00	Complies

CH149



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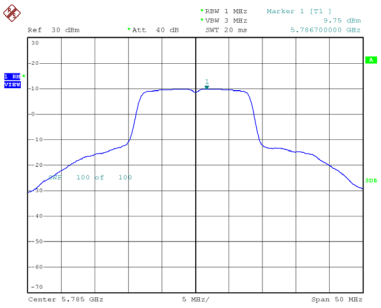

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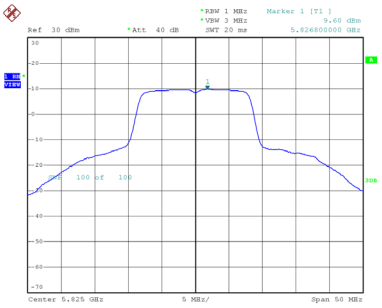
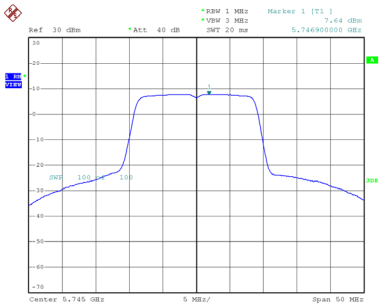


Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1

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	7.64	0.00	7.64	27.99	Complies
157	5785	6.84	0.00	6.84	27.99	Complies
165	5825	6.39	0.00	6.39	27.99	Complies

CH149



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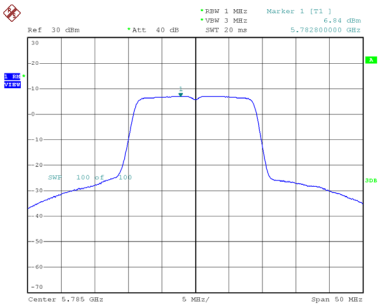
CH157



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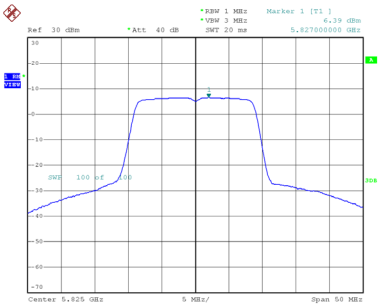
CH165

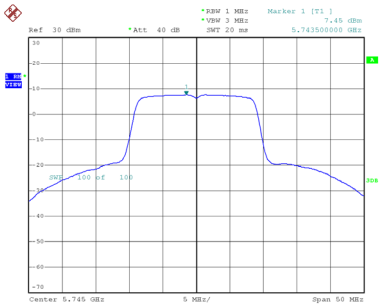


Date: 9.SEP.2019 15:52:59

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	7.45	0.00	7.45	27.99	Complies
157	5785	6.68	0.00	6.68	27.99	Complies
165	5825	6.70	0.00	6.70	27.99	Complies

CH149



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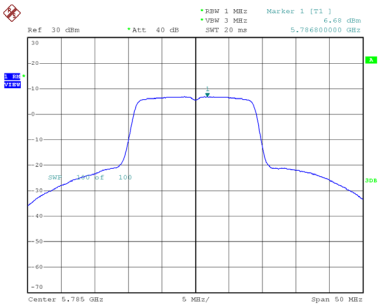

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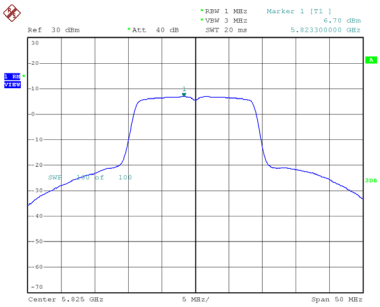
CH165



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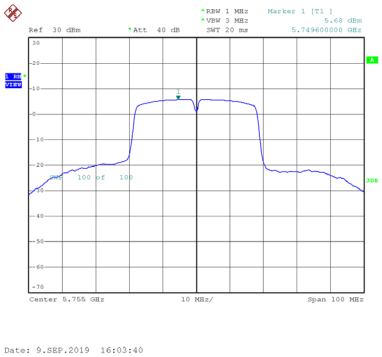
Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.56	27.99	Complies
157	5785	9.77	27.99	Complies
165	5825	9.56	27.99	Complies

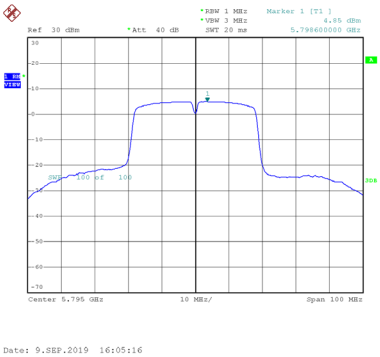
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1

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	5.68	0.00	5.68	27.99	Complies
159	5795	4.85	0.00	4.85	27.99	Complies

CH151



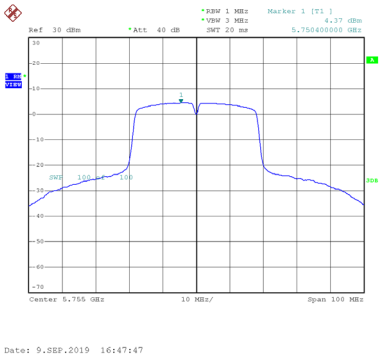
CH159



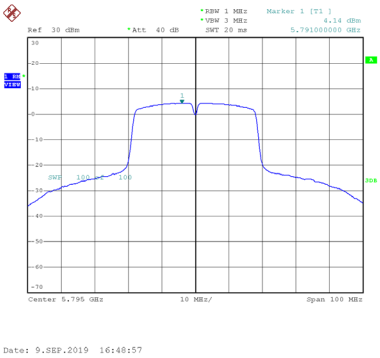
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2

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	4.37	0.00	4.37	27.99	Complies
159	5795	4.14	0.00	4.14	27.99	Complies

CH151



CH159



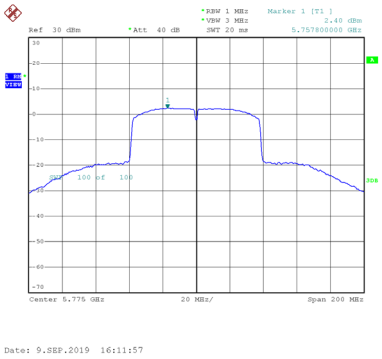
Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	8.08	27.99	Complies
159	5795	7.52	27.99	Complies

Test Mode	UNII-3_TX AC (VHT80) 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
155	5775	2.40	0.00	2.40	27.99	Complies

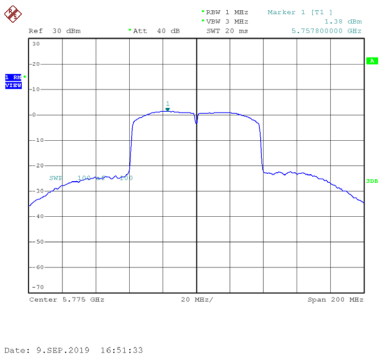
CH155



Test Mode	UNII-3_TX AC (VHT80) 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
155	5775	1.38	0.00	1.38	27.99	Complies

CH155



Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	4.93	27.99	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9948
120	5179.9950
108	5180.0150
Maximum Deviation (MHz)	0.0150
Maximum Deviation (ppm)	2.8982

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9999
10	5179.9950
20	5179.9948
30	5179.9999
40	5180.0000
Maximum Deviation (MHz)	0.0052
Maximum Deviation (ppm)	1.0014

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9750
120	5744.9750
108	5744.9999
Maximum Deviation (MHz)	0.0250
Maximum Deviation (ppm)	4.3516

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5745.0000
10	5745.0000
20	5744.9748
30	5744.9950
40	5744.9902
Maximum Deviation (MHz)	0.0252
Maximum Deviation (ppm)	4.3864

End of Test Report