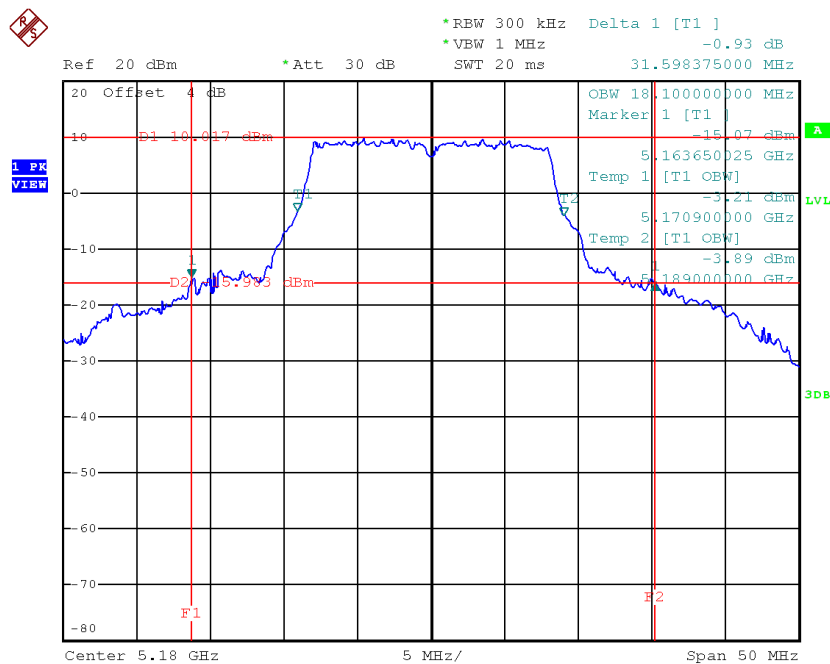


APPENDIX E - BANDWIDTH

Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48

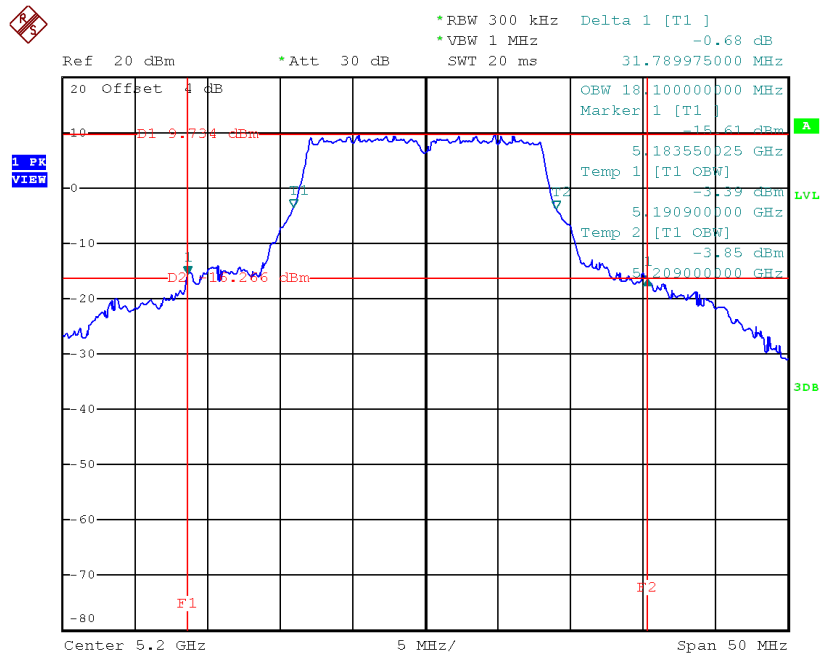
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	31.60	18.10
CH40	5200	31.79	18.10
CH48	5240	29.70	17.90

TX CH36



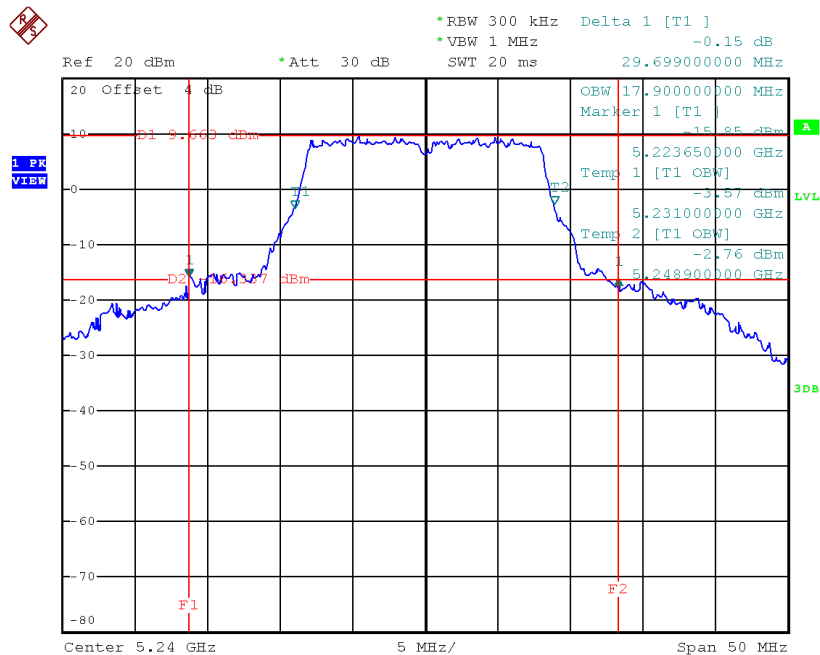
Date: 23.NOV.2017 21:10:25

TX CH40



Date: 23.NOV.2017 20:05:42

TX CH48

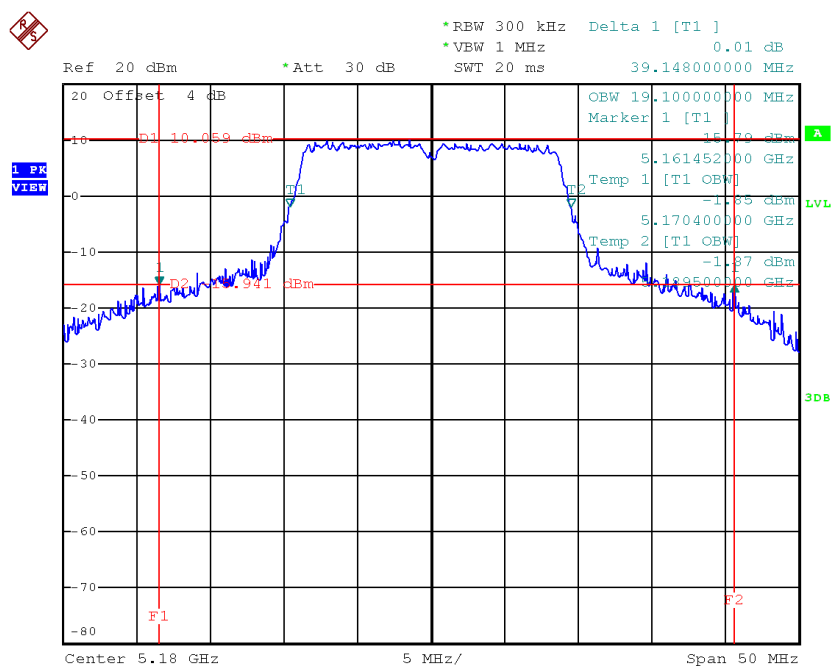


Date: 23.NOV.2017 20:06:48

Test Mode: UNII-1/TX N20 Mode CH36/CH40/CH48

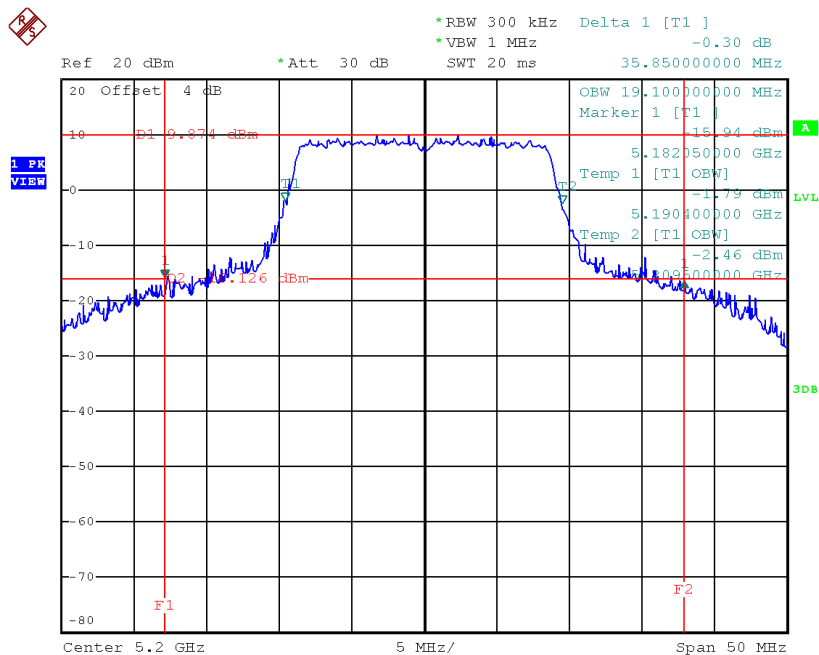
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	39.15	19.10
CH40	5200	35.85	19.10
CH48	5240	32.69	18.90

TX CH36



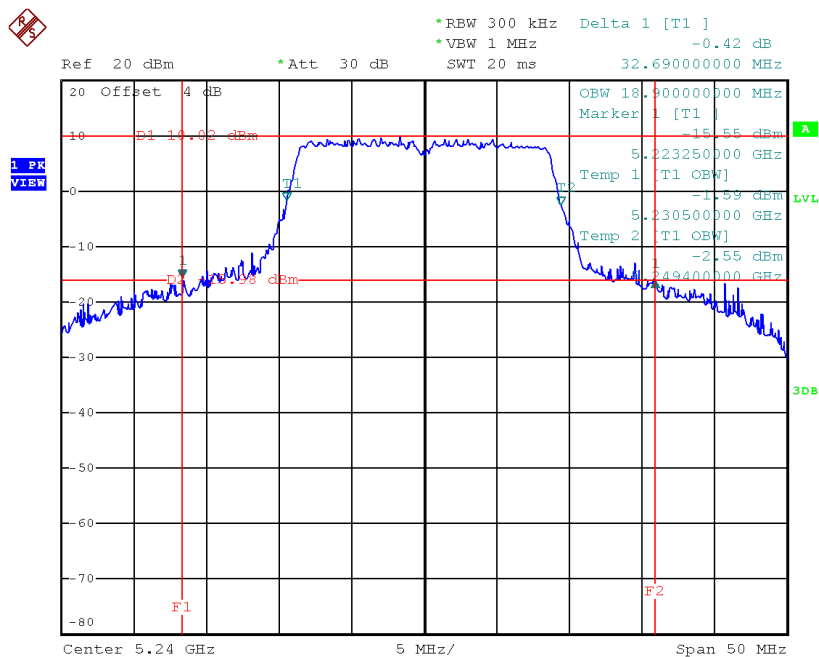
Date: 23.NOV.2017 20:27:08

TX CH40



Date: 23.NOV.2017 20:27:55

TX CH48

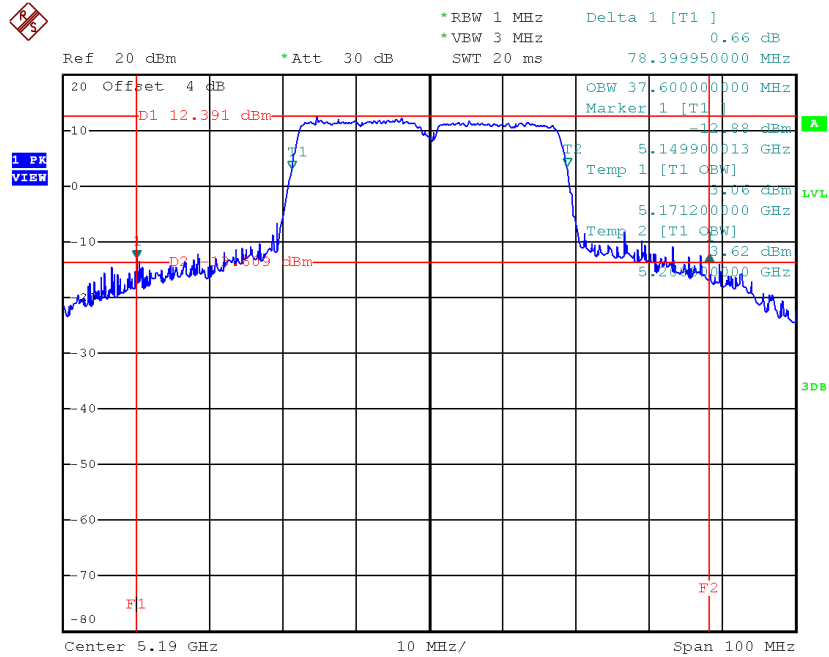


Date: 23.NOV.2017 20:29:01

Test Mode: UNII-1/TX N40 Mode_CH38/CH46

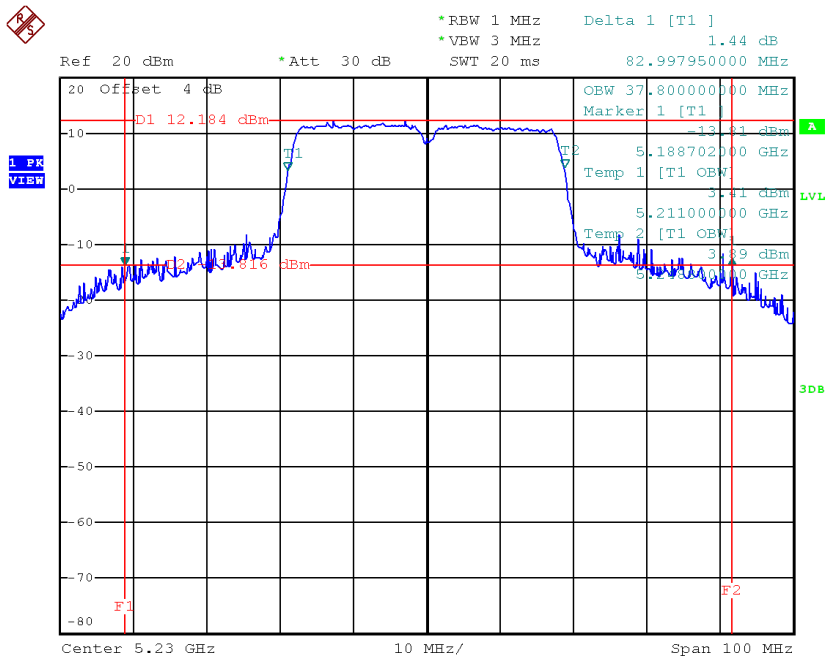
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	78.40	37.60
CH46	5230	83.00	37.80

TX CH38



Date: 23.NOV.2017 20:46:47

TX CH46

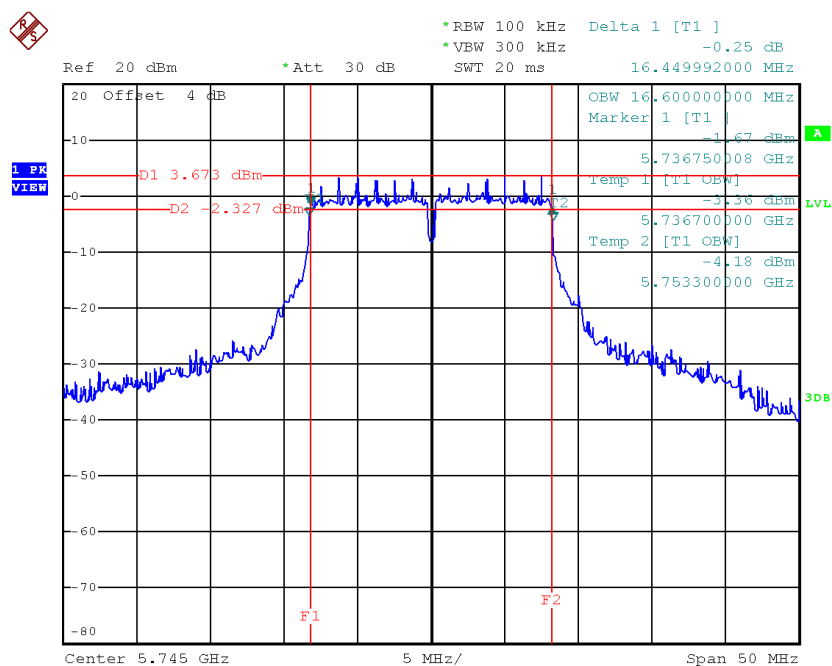


Date: 23.NOV.2017 20:47:26

Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH165

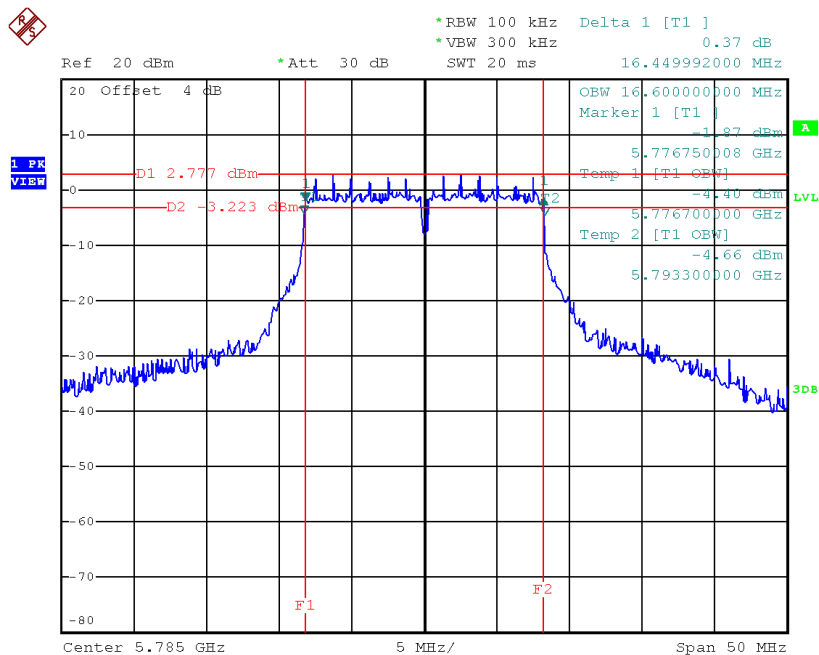
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.45	16.60	>=500
CH157	5785	16.45	16.60	>=500
CH165	5825	16.45	16.60	>=500

TX CH 149



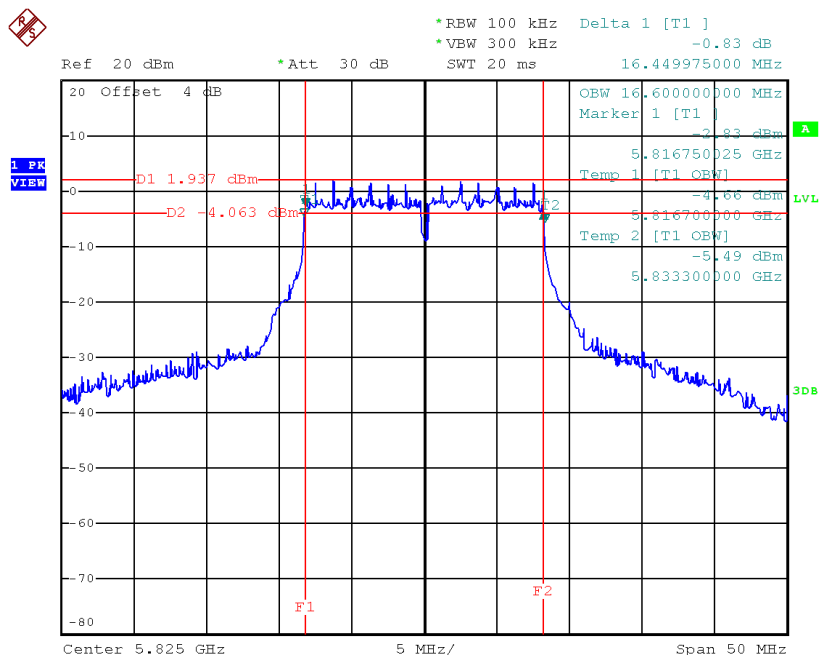
Date: 23.NOV.2017 20:20:46

TX CH 157



Date: 23.NOV.2017 20:25:38

TX CH 165

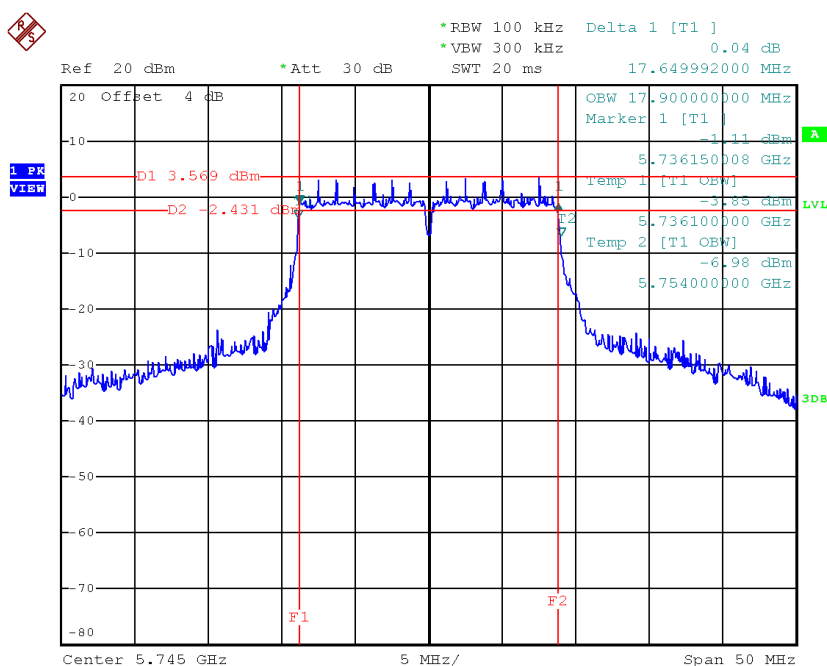


Date: 23.NOV.2017 20:26:26

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

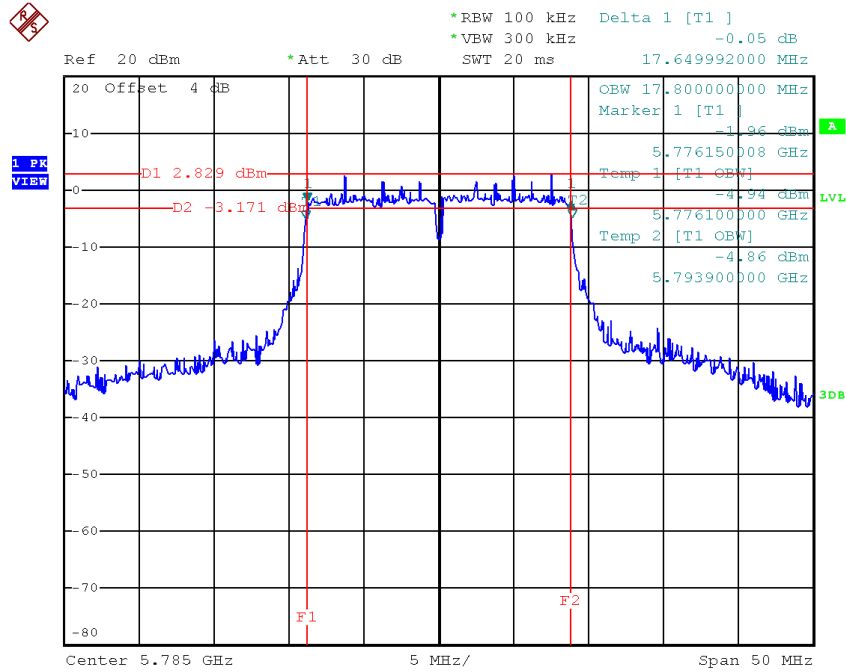
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.90	>=500
CH157	5785	17.65	17.80	>=500
CH165	5825	17.65	17.80	>=500

TX CH 149



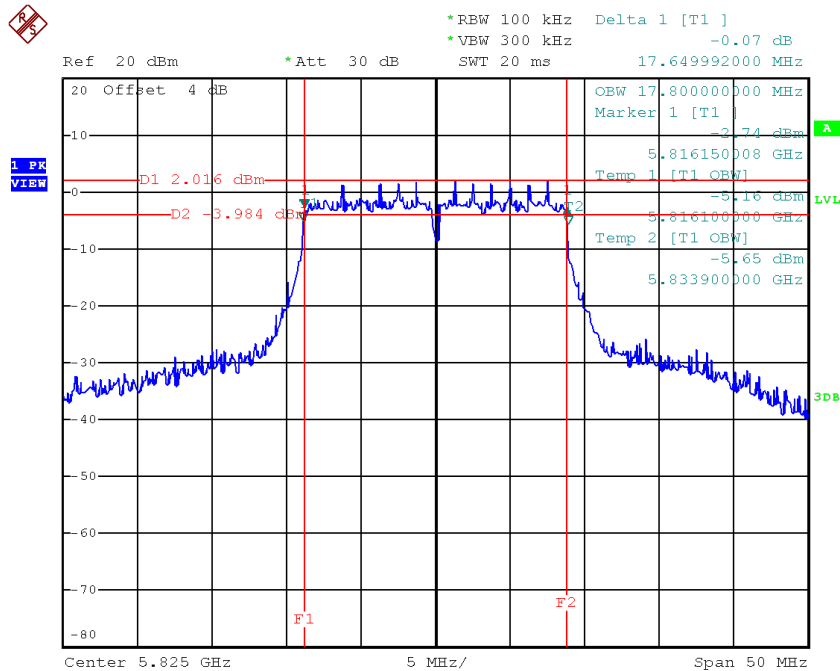
Date: 23.NOV.2017 20:34:52

TX CH 157



Date: 23.NOV.2017 20:35:41

TX CH 165

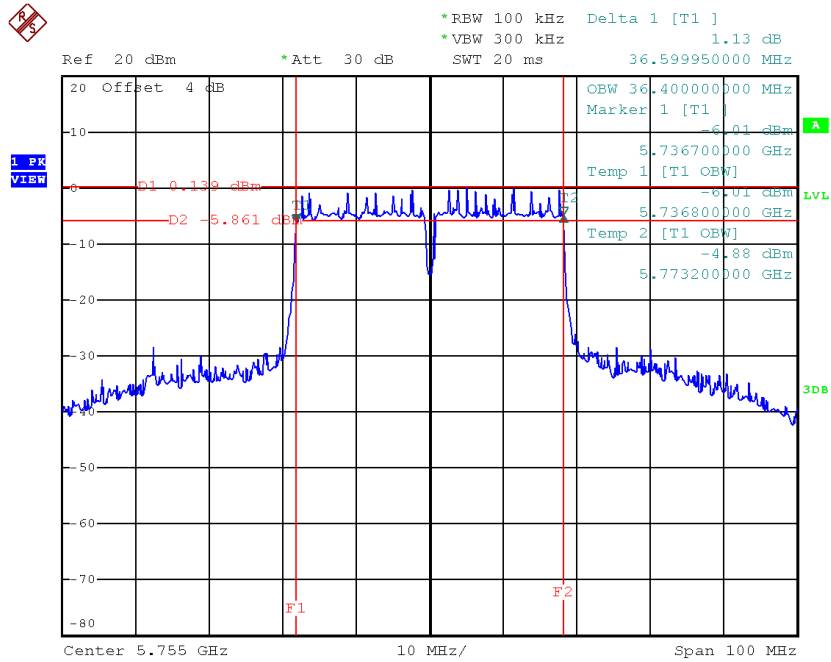


Date: 23.NOV.2017 20:36:30

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

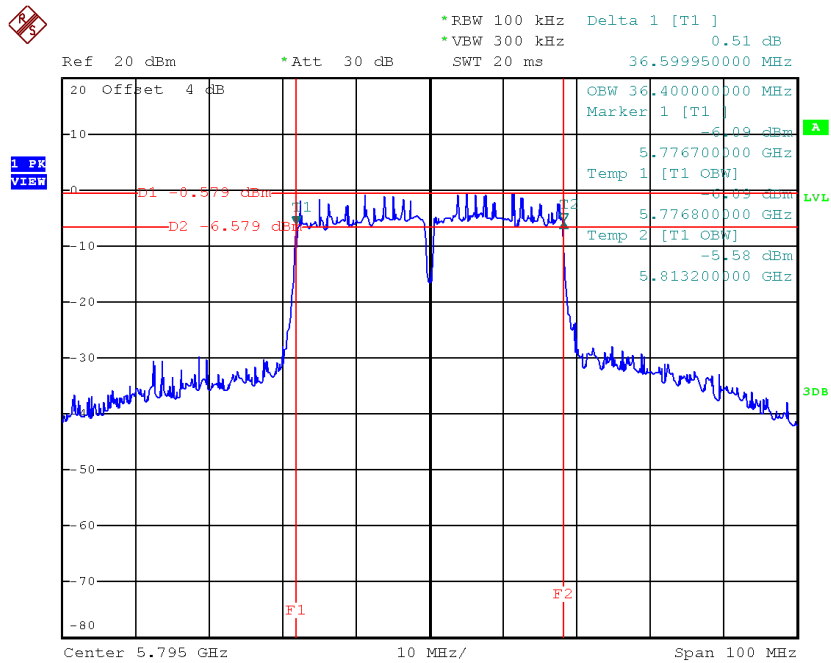
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.60	36.40	>=500
CH159	5795	36.60	36.40	>=500

TX CH 151



Date: 23.NOV.2017 20:52:07

TX CH 159

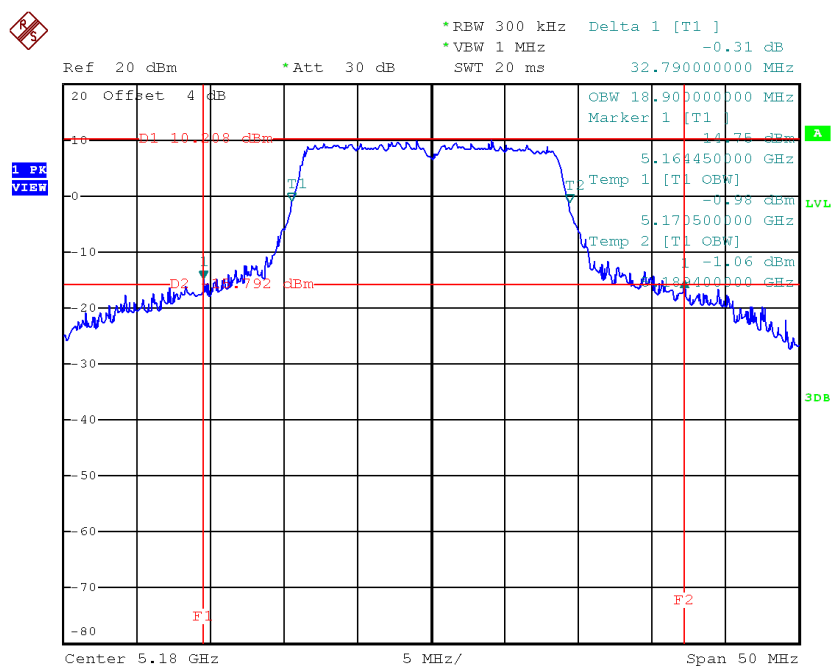


Date: 23.NOV.2017 20:53:01

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

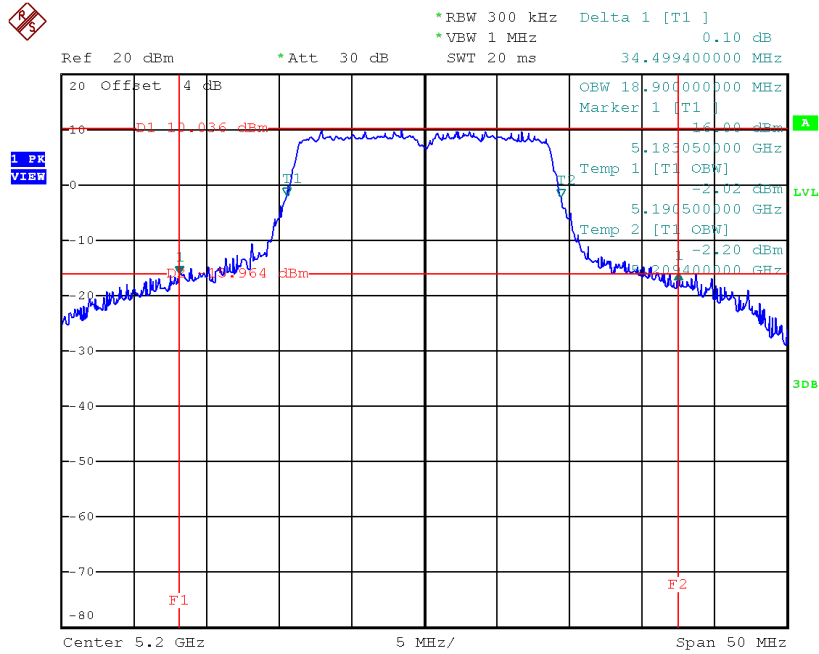
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	32.79	18.90
CH40	5200	34.50	18.90
CH48	5240	34.80	18.90

TX CH36



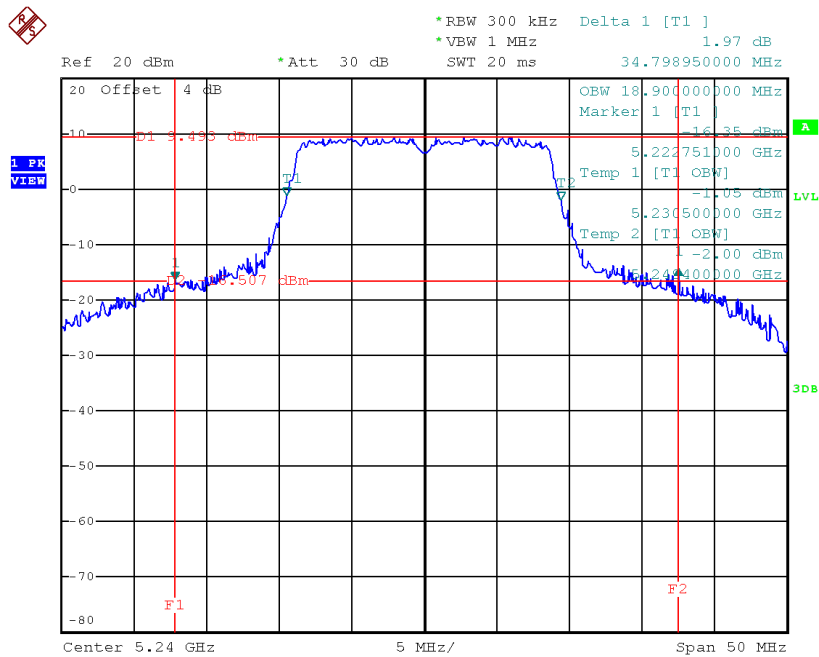
Date: 23.NOV.2017 20:37:29

TX CH40



Date: 23.NOV.2017 20:38:07

TX CH48

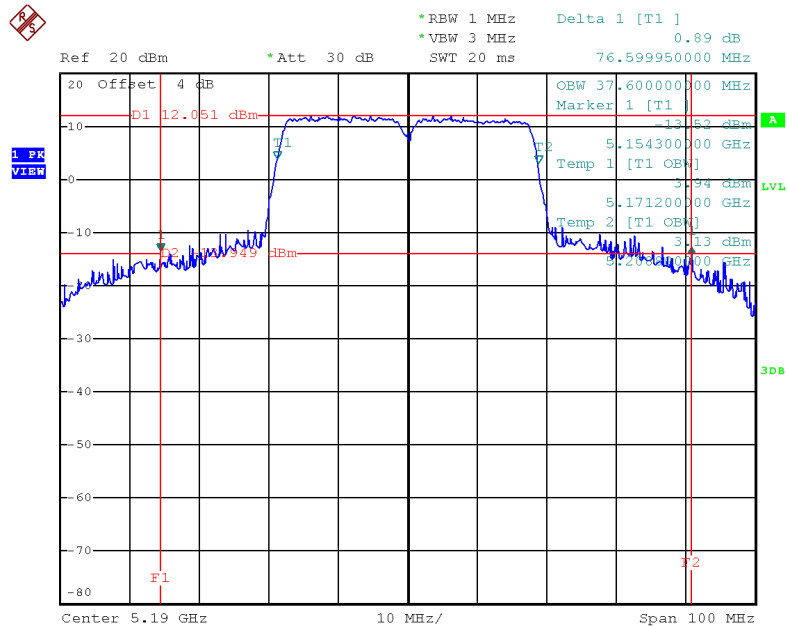


Date: 23.NOV.2017 20:38:49

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46

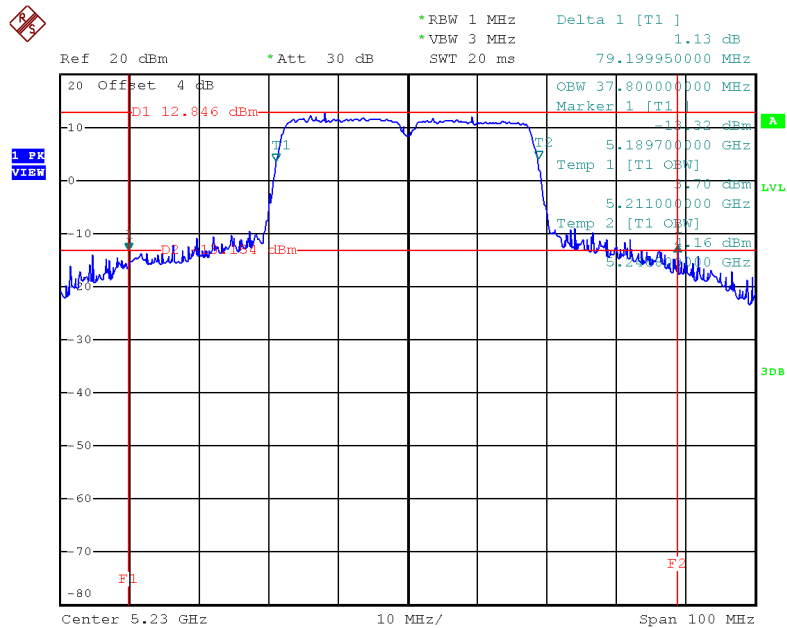
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	76.60	37.60
CH46	5230	79.20	37.80

TX CH38



Date: 23.NOV.2017 20:54:00

TX CH46

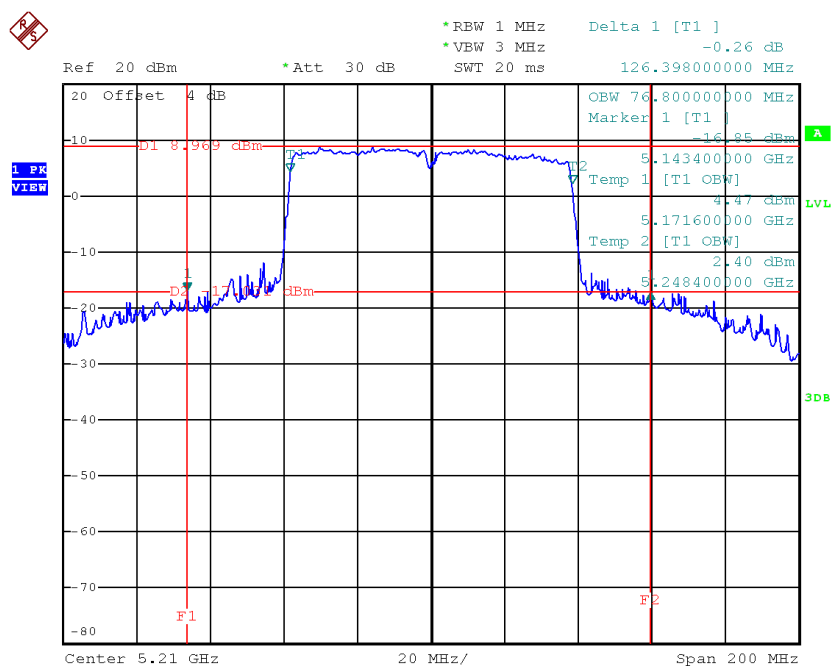


Date: 23.NOV.2017 20:54:36

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	126.40	76.80

TX CH42

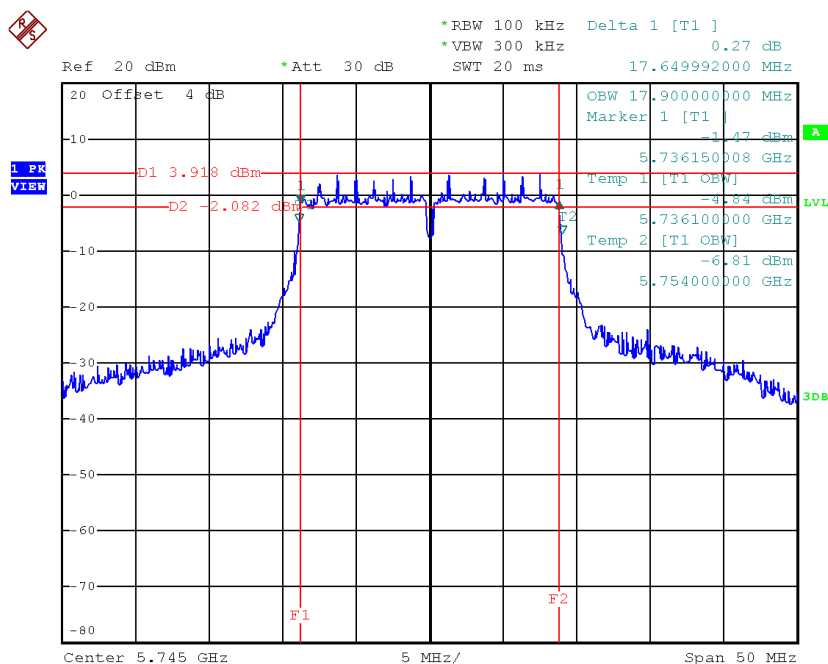


Date: 23.NOV.2017 21:04:54

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

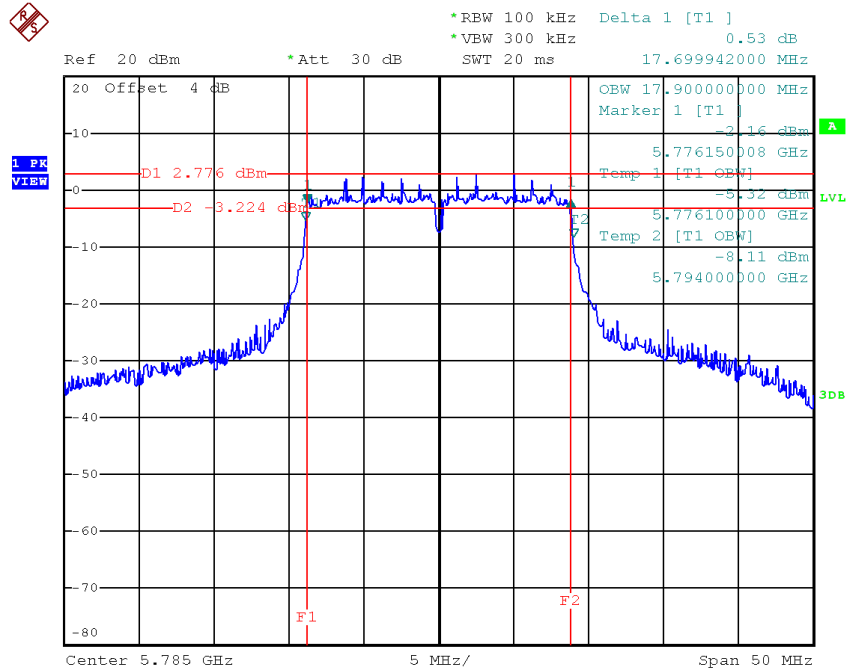
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.90	>=500
CH157	5785	17.70	17.90	>=500
CH165	5825	17.65	17.80	>=500

TX CH 149



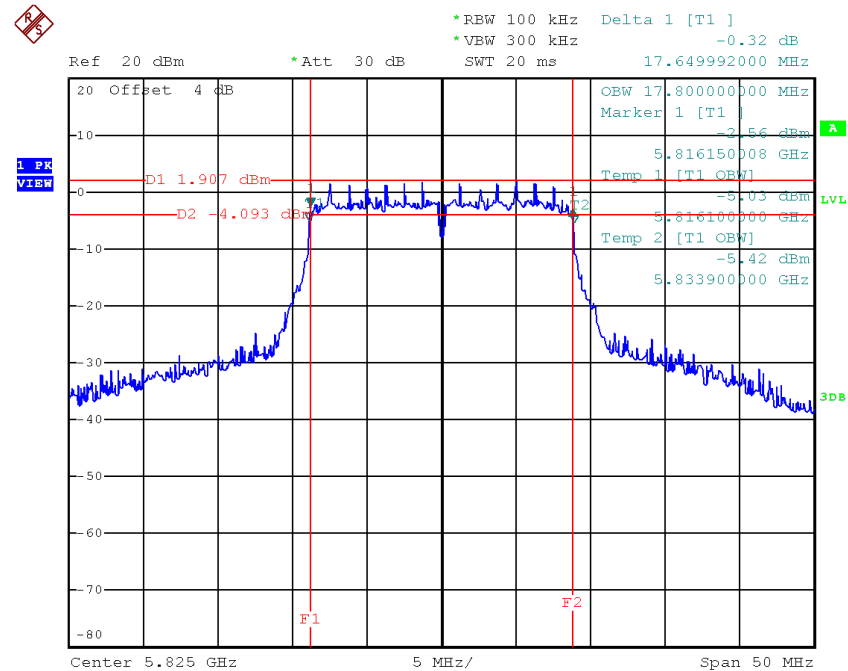
Date: 23.NOV.2017 20:44:19

TX CH 157



Date: 23.NOV.2017 20:45:07

TX CH 165

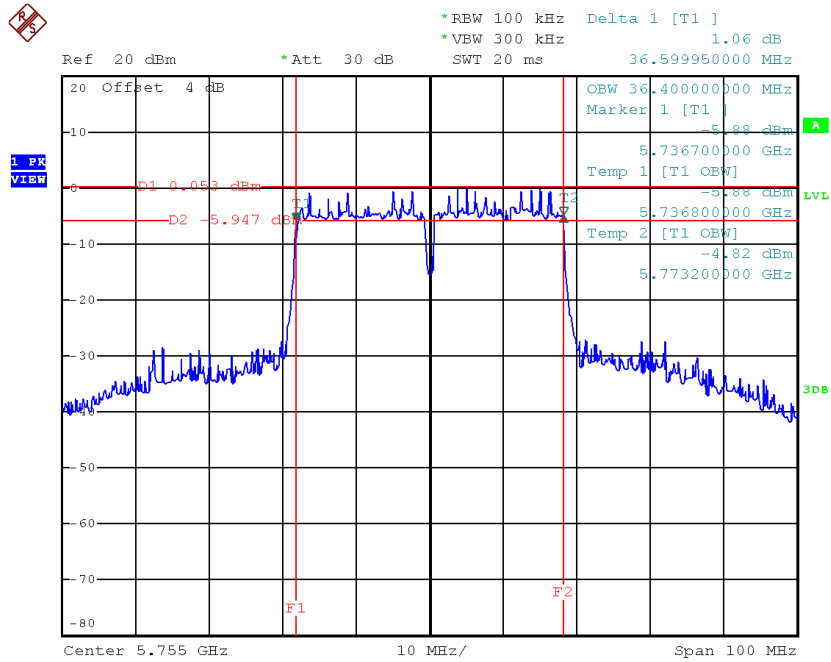


Date: 23.NOV.2017 20:45:55

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

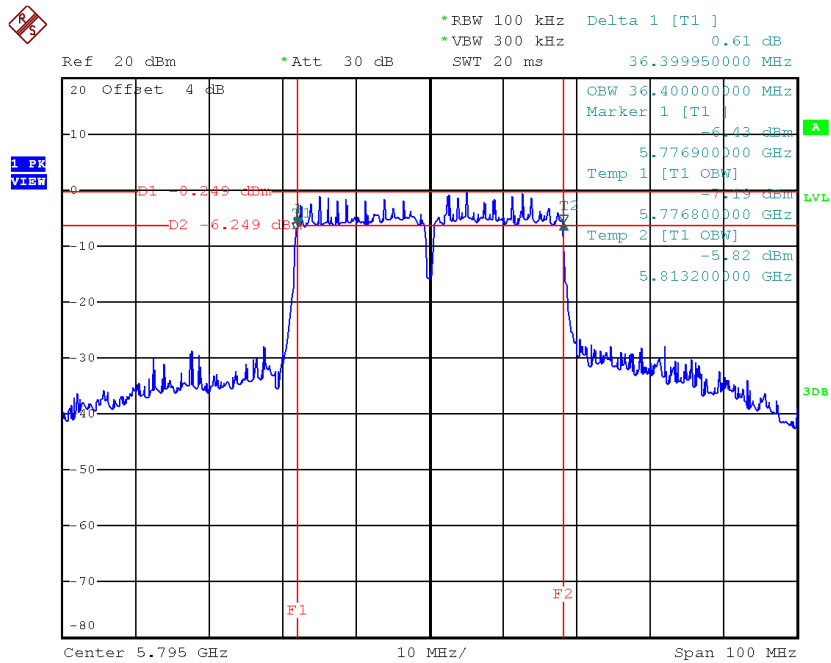
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.60	36.40	≥ 500
CH159	5795	36.40	36.40	≥ 500

TX CH 151



Date: 23.NOV.2017 21:02:32

TX CH 159

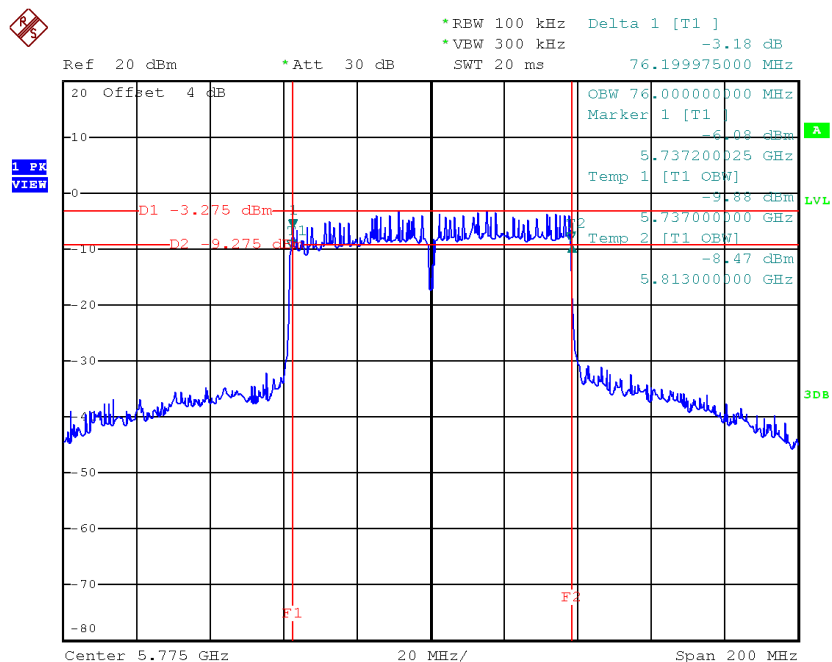


Date: 23.NOV.2017 21:03:33

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.20	76.00	>=500

TX CH 155



Date: 23.NOV.2017 21:09:23

APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.07	0.12	15.19	30.00	1.00
CH40	5200	17.93	0.12	18.05	30.00	1.00
CH48	5240	18.08	0.12	18.20	30.00	1.00

Test Mode: UNII-1/TX N20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	14.65	0.16	14.81	30.00	1.00
CH40	5200	17.85	0.16	18.01	30.00	1.00
CH48	5240	18.07	0.16	18.23	30.00	1.00

Test Mode: UNII-1/TX N40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	13.65	0.53	14.18	30.00	1.00
CH46	5230	17.24	0.53	17.77	30.00	1.00

Test Mode: UNII-3/ TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	18.47	0.12	18.59	30.00	1.00
CH157	5785	18.33	0.12	18.45	30.00	1.00
CH165	5825	18.11	0.12	18.23	30.00	1.00

Test Mode: UNII-3/TX N20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	18.42	0.16	18.58	30.00	1.00
CH157	5785	18.22	0.16	18.38	30.00	1.00
CH165	5825	18.14	0.16	18.30	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	17.58	0.53	18.11	30.00	1.00
CH159	5795	17.47	0.53	18.00	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	14.62	0.16	14.78	30.00	1.00
CH40	5200	17.87	0.16	18.03	30.00	1.00
CH48	5240	18.15	0.16	18.31	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	11.45	0.53	11.98	30.00	1.00
CH46	5230	17.17	0.53	17.70	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	11.05	0.79	11.84	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	18.37	0.16	18.53	30.00	1.00
CH157	5785	18.28	0.16	18.44	30.00	1.00
CH165	5825	18.04	0.16	18.20	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	17.52	0.53	18.05	30.00	1.00
CH159	5795	17.45	0.53	17.98	30.00	1.00

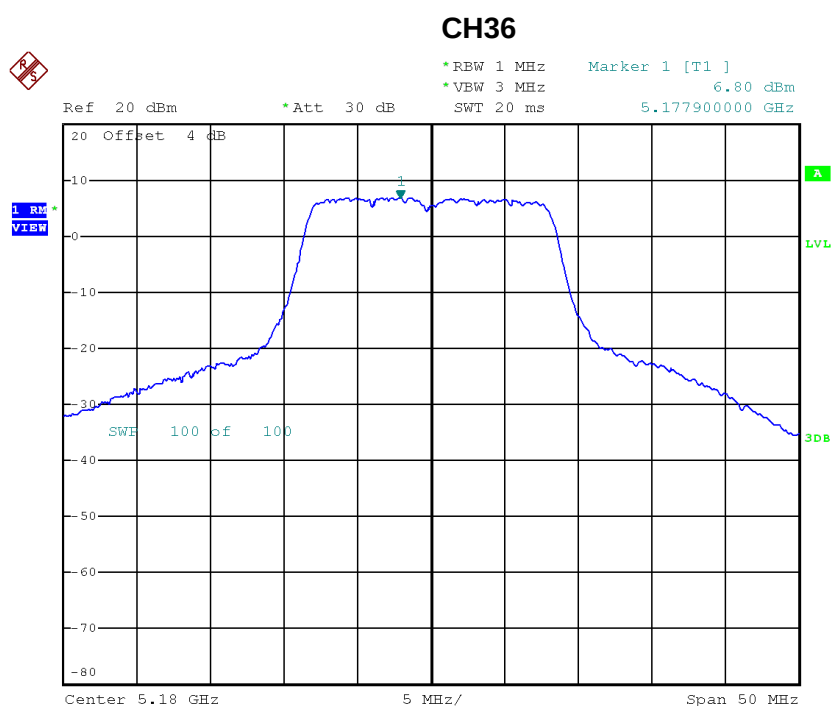
Test Mode: UNII-3/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	16.94	0.79	17.73	30.00	1.00

APPENDIX G - POWER SPECTRAL DENSITY

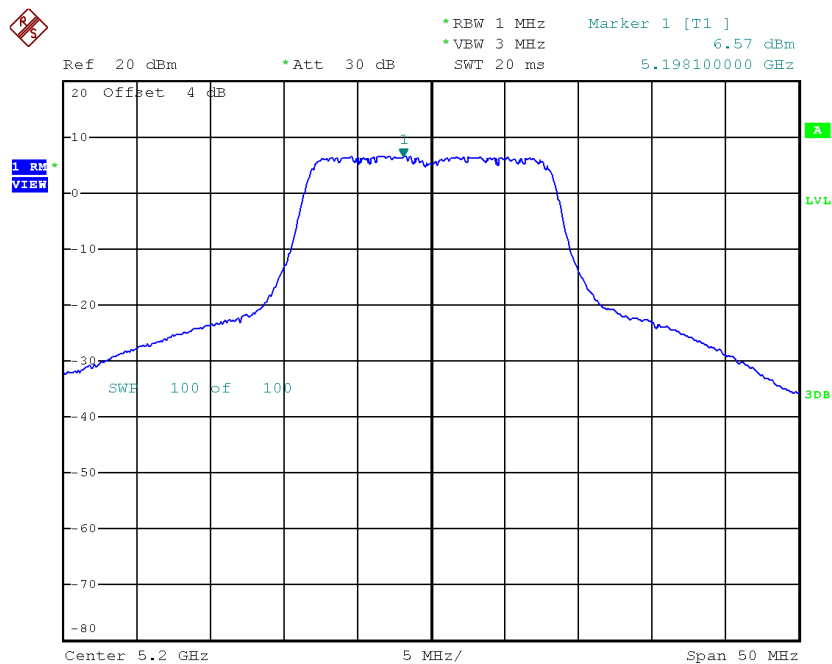
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.80	0.12	6.92	17.00
CH40	5200	6.57	0.12	6.69	17.00
CH48	5240	6.44	0.12	6.56	17.00



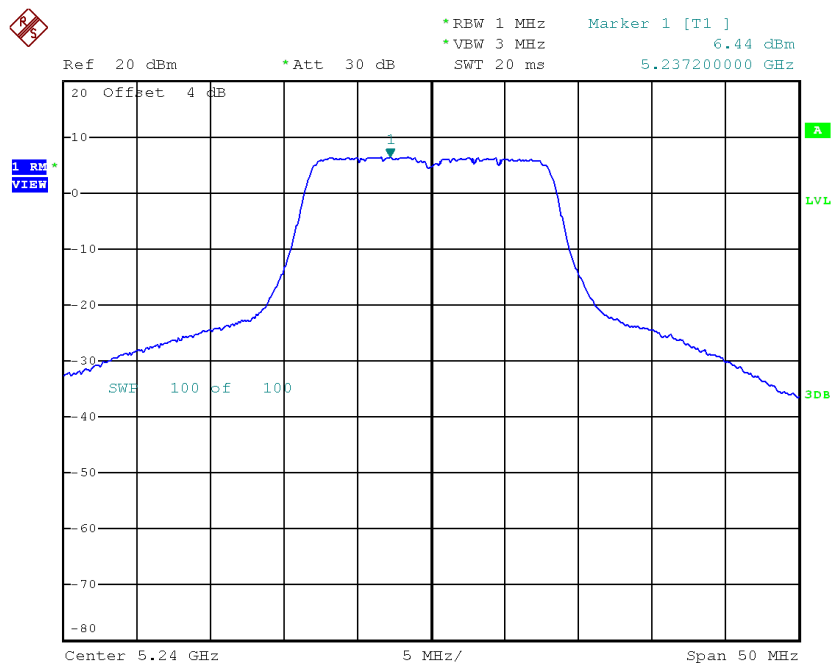
Date: 23.NOV.2017 21:10:35

CH40



Date: 23.NOV.2017 20:05:51

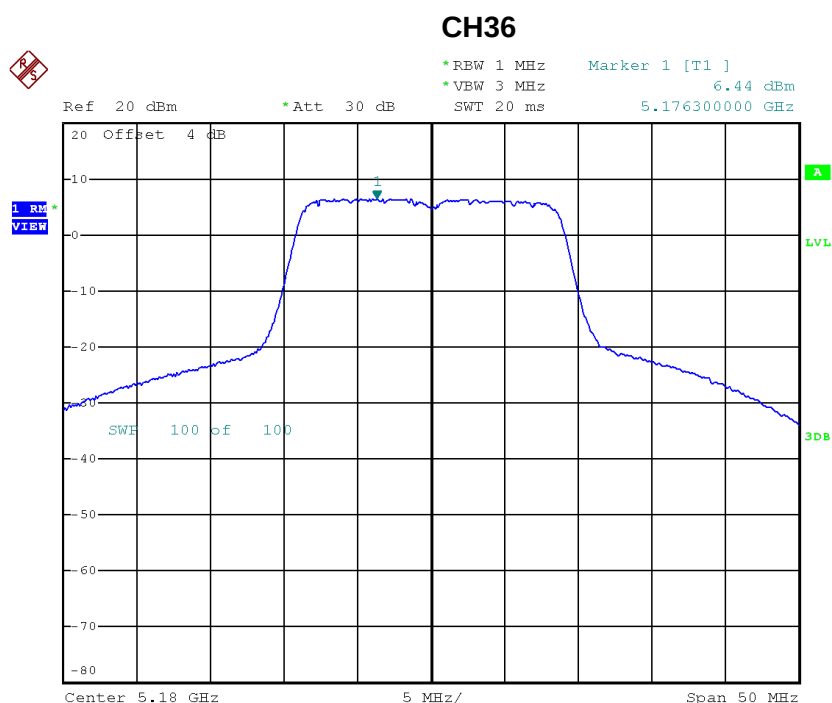
CH48



Date: 23.NOV.2017 20:06:57

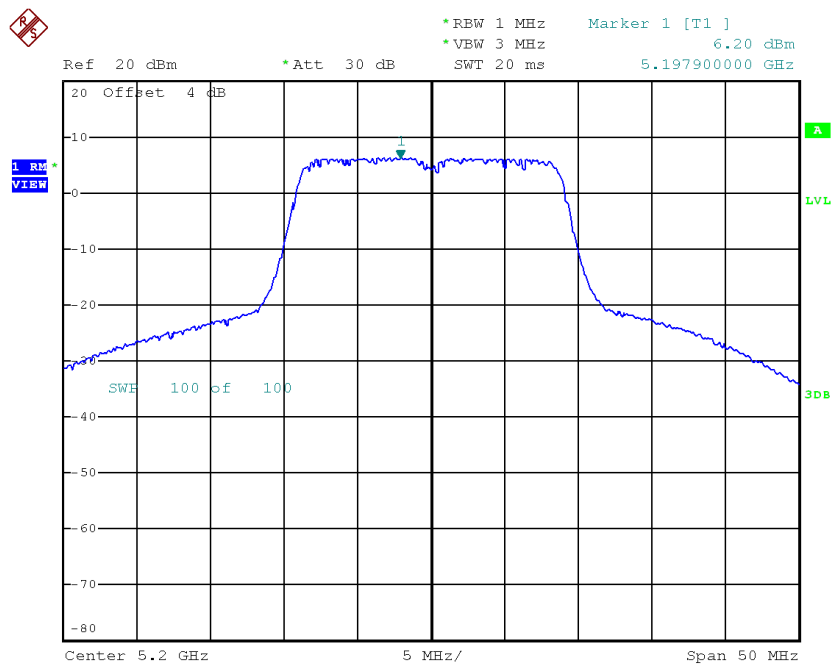
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.44	0.16	6.60	17.00
CH40	5200	6.20	0.16	6.36	17.00
CH48	5240	6.14	0.16	6.30	17.00



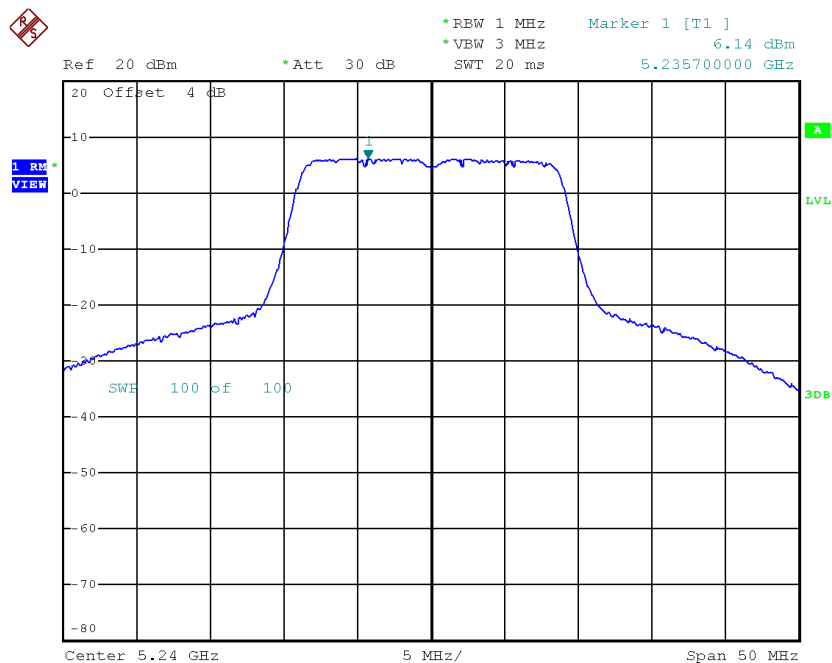
Date: 23.NOV.2017 20:27:18

CH40



Date: 23.NOV.2017 20:28:05

CH48

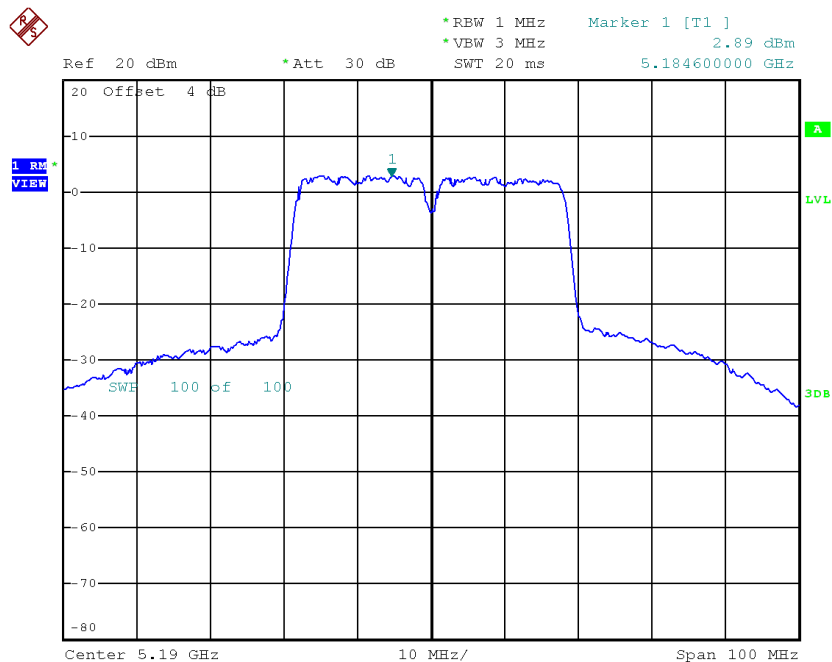


Date: 23.NOV.2017 20:29:11

Test Mode: UNII-1/TX N40 Mode_CH38/CH46

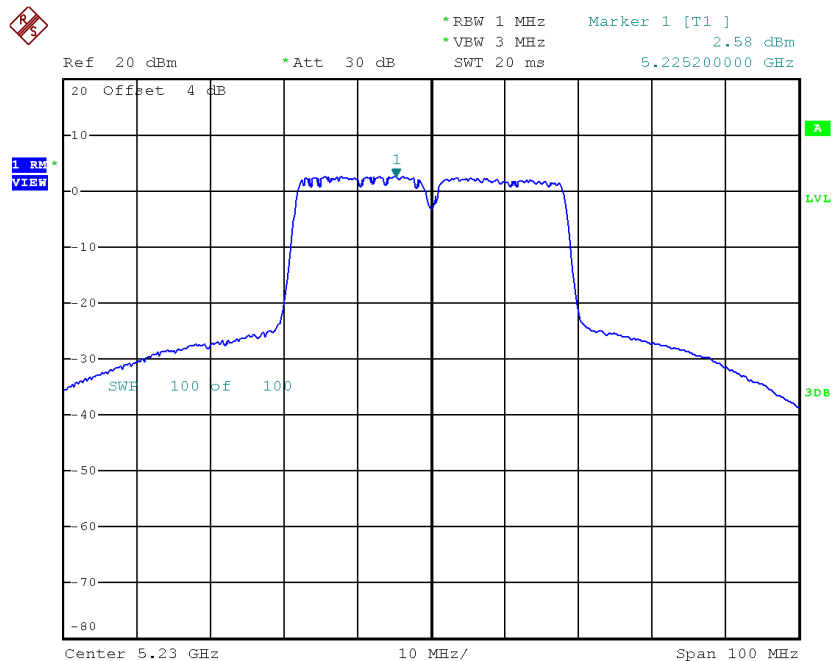
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.89	0.53	3.42	17.00
CH46	5230	2.58	0.53	3.11	17.00

CH38



Date: 23.NOV.2017 20:47:00

CH46

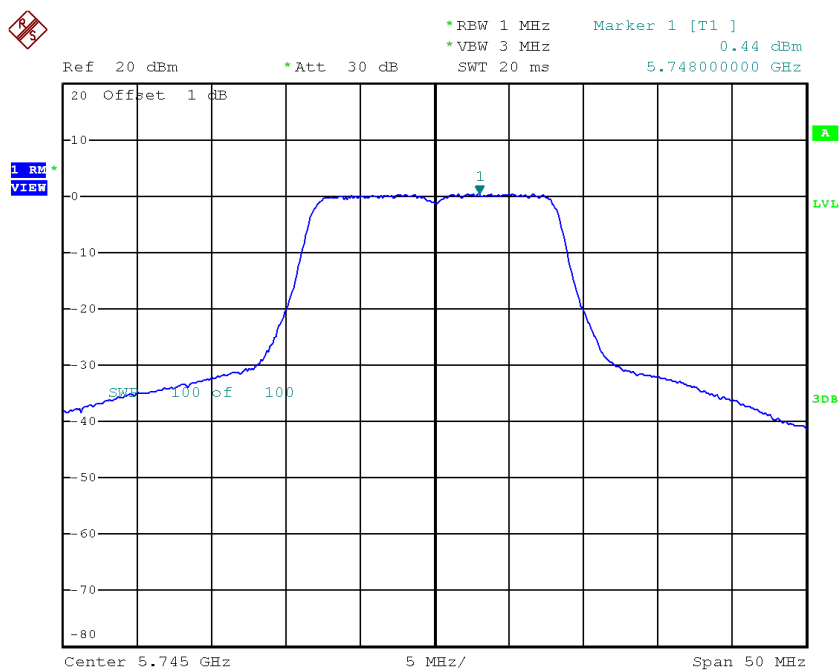


Date: 23.NOV.2017 20:47:38

Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

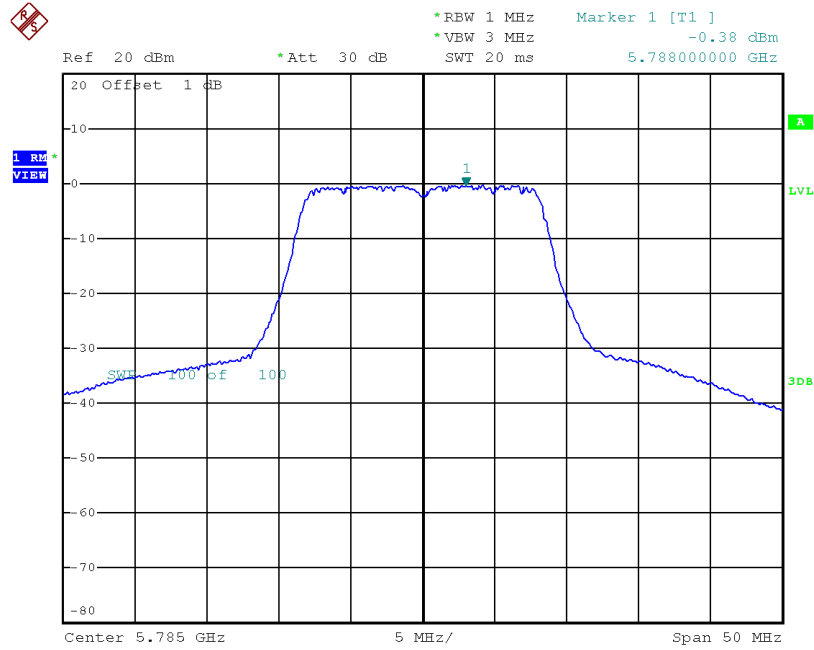
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	0.44	0.12	0.56	30.00
CH157	5785	-0.38	0.12	-0.26	30.00
CH165	5825	-1.09	0.12	-0.97	30.00

TX CH149



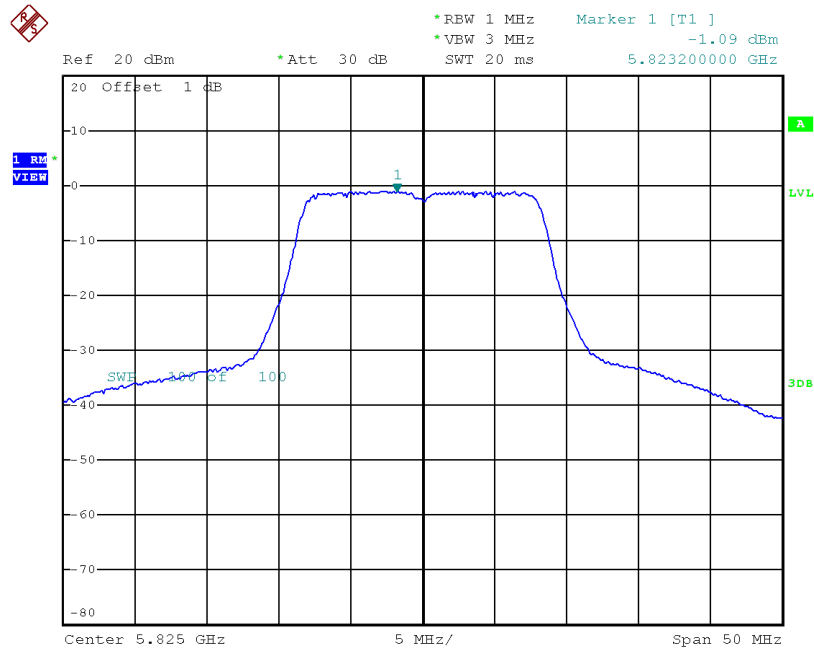
Date: 23.NOV.2017 20:20:18

TX CH157



Date: 23.NOV.2017 20:25:48

TX CH165

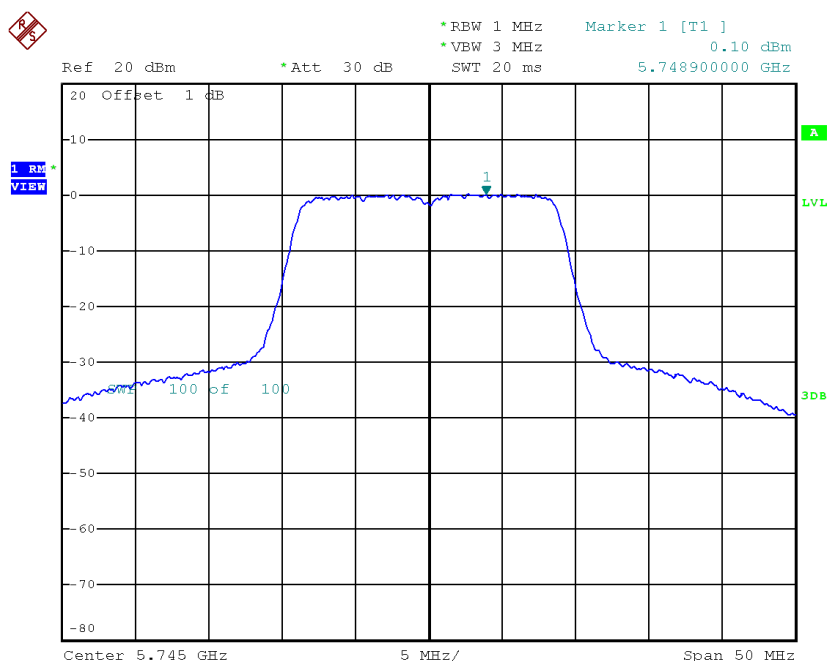


Date: 23.NOV.2017 20:26:35

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

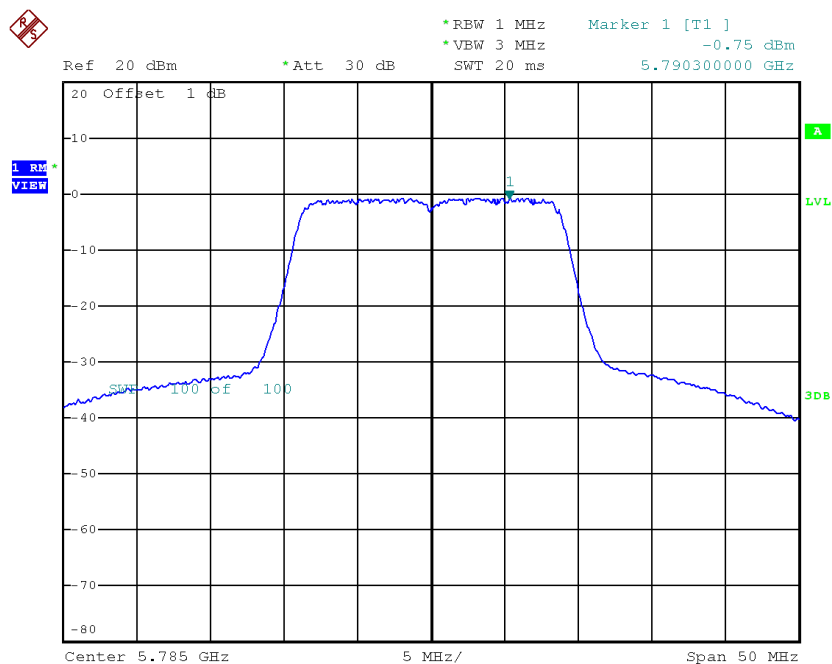
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	0.10	0.16	0.26	30.00
CH157	5785	-0.75	0.16	-0.59	30.00
CH165	5825	-1.42	0.16	-1.26	30.00

TX CH149



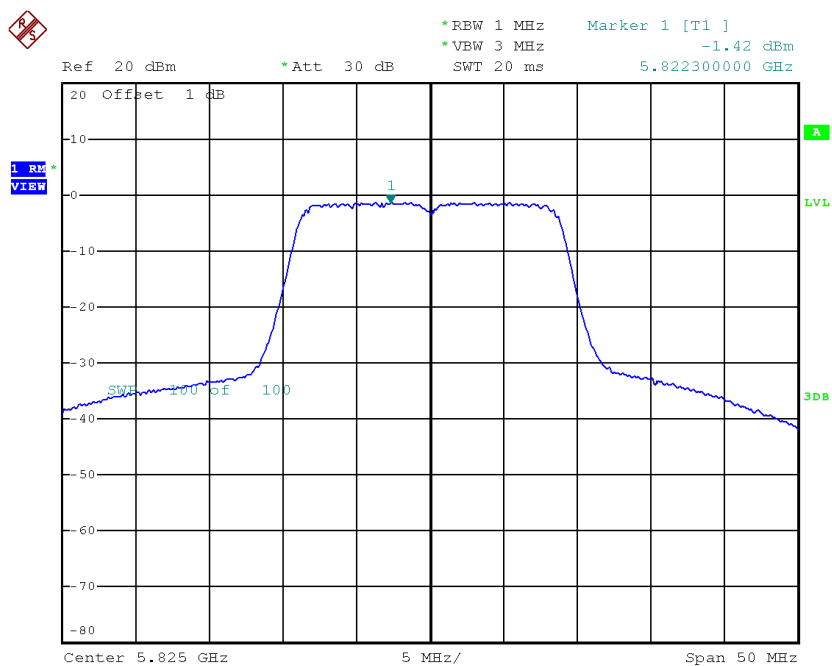
Date: 23.NOV.2017 20:35:02

TX CH157



Date: 23.NOV.2017 20:35:51

TX CH165

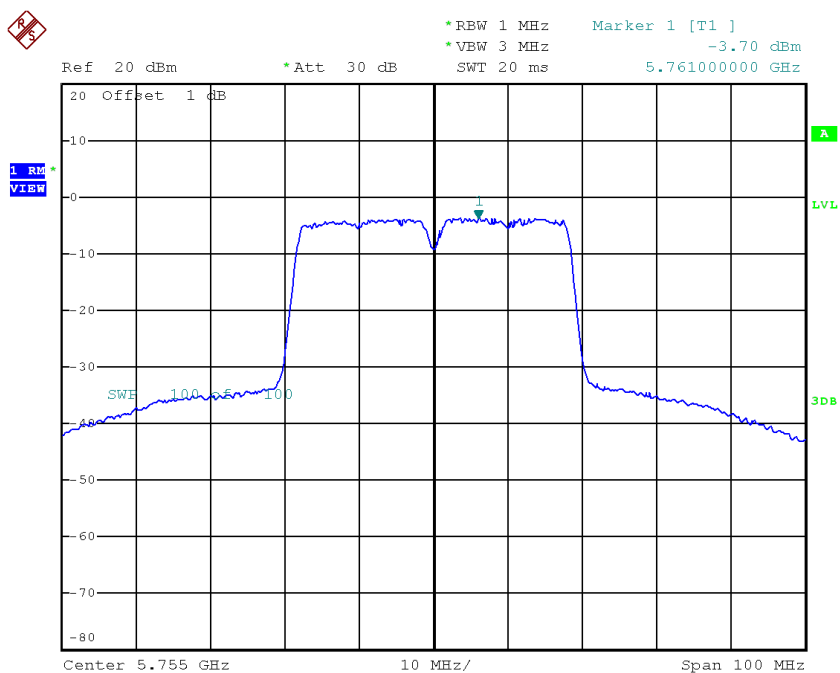


Date: 23.NOV.2017 20:36:40

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

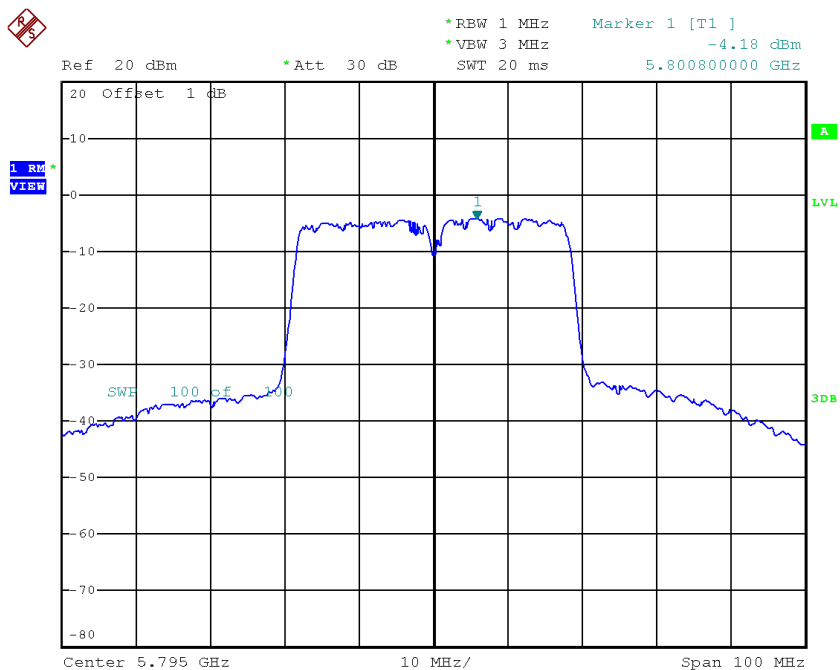
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-3.70	0.53	-3.17	30.00
CH159	5795	-4.18	0.53	-3.65	30.00

TX CH151



Date: 23.NOV.2017 20:52:20

TX CH159

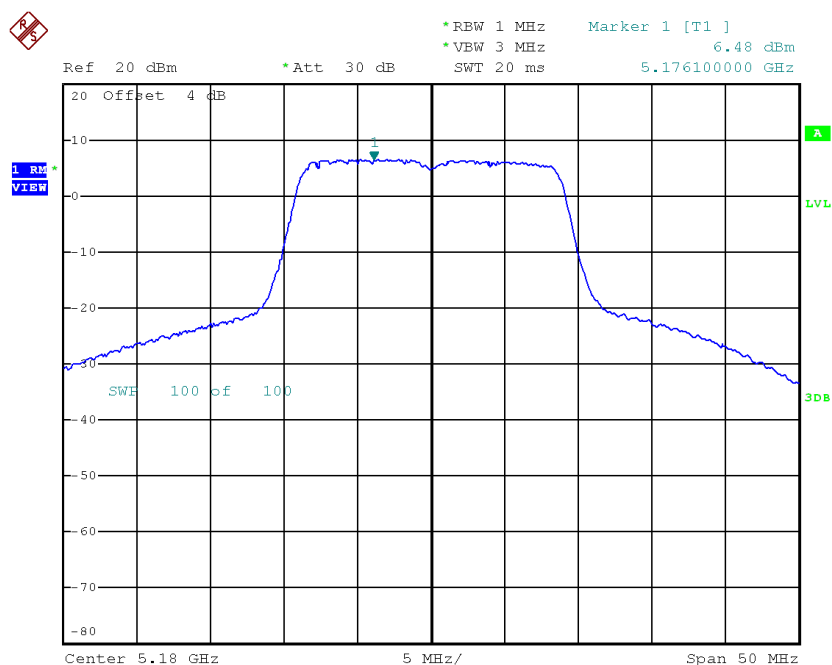


Date: 23.NOV.2017 20:53:13

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

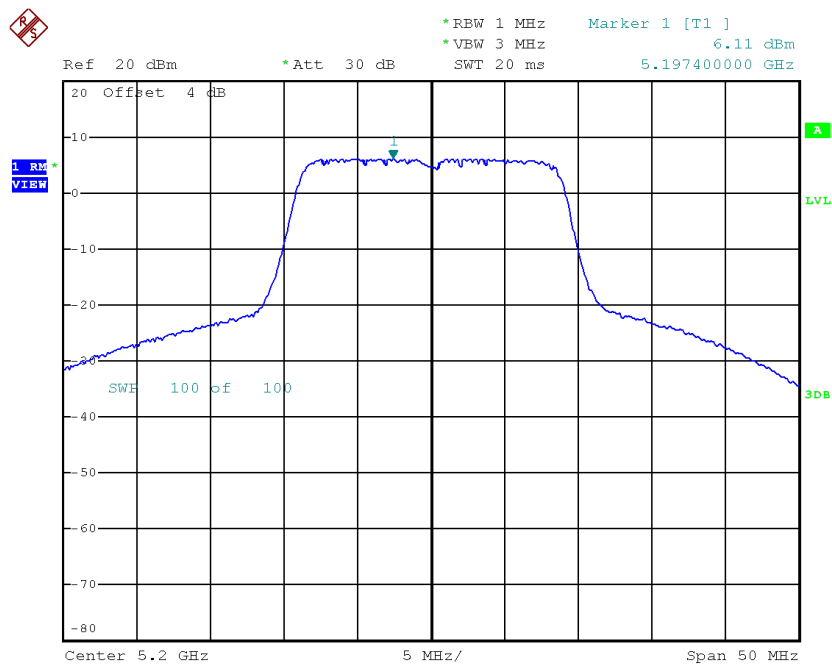
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.48	0.16	6.64	17.00
CH40	5200	6.11	0.16	6.27	17.00
CH48	5240	6.22	0.16	6.38	17.00

CH36



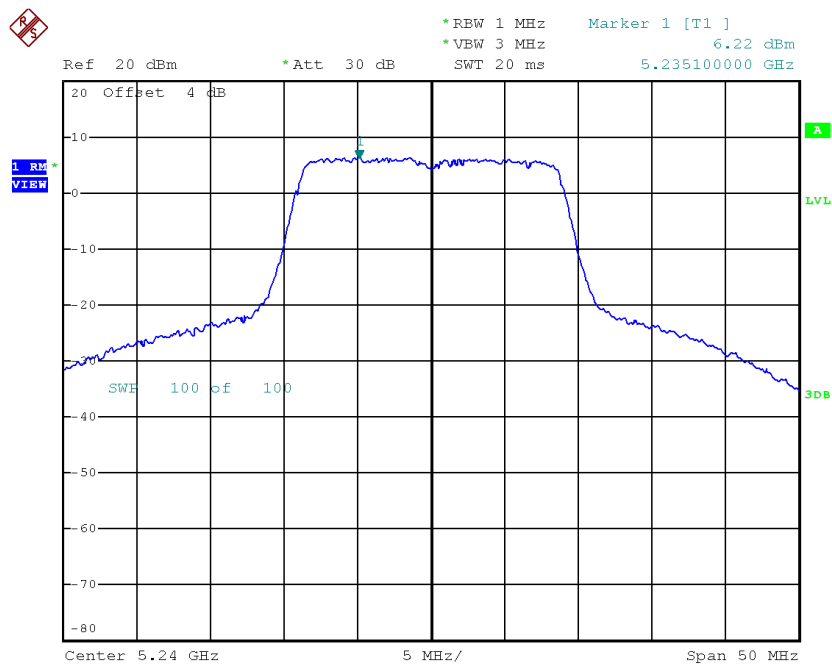
Date: 23.NOV.2017 20:37:38

CH40



Date: 23.NOV.2017 20:38:16

CH48

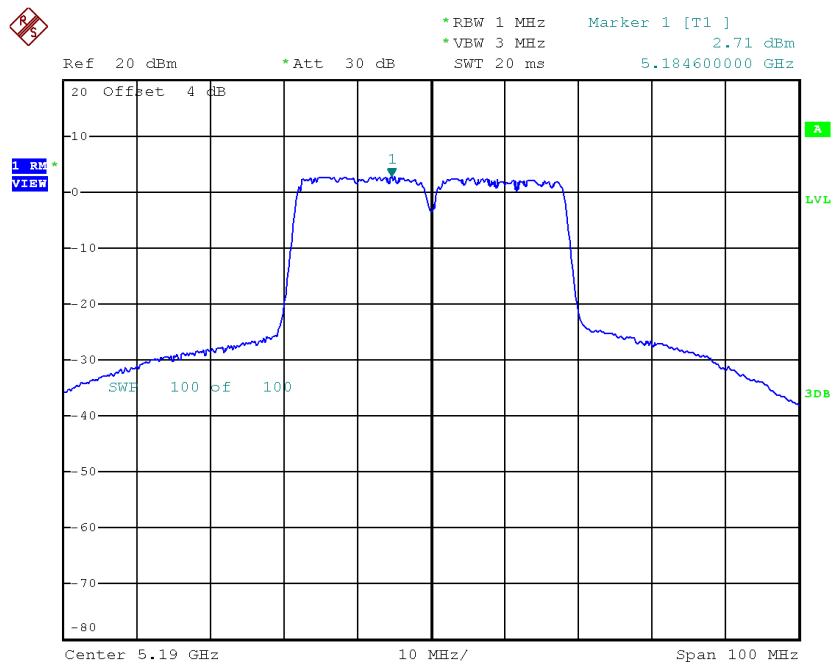


Date: 23.NOV.2017 20:38:58

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46

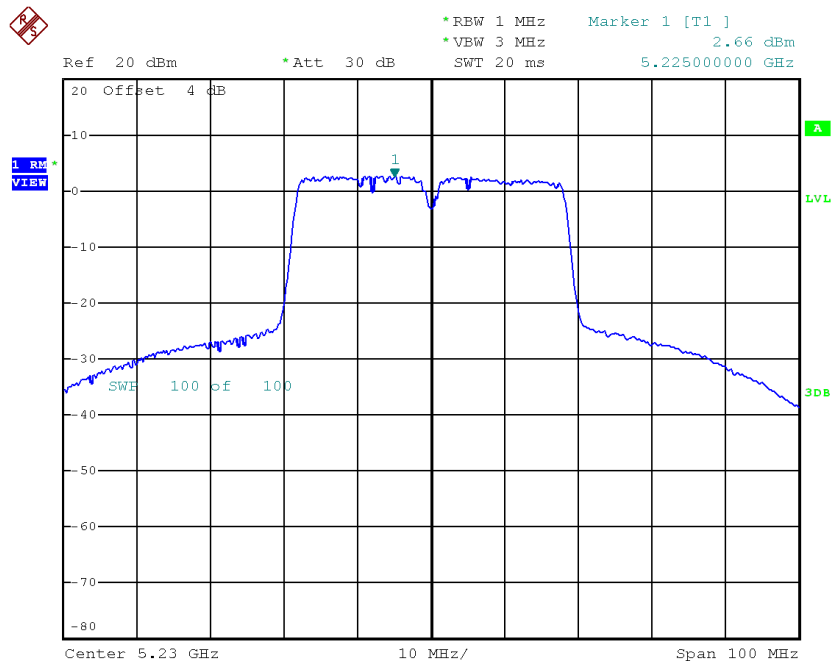
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.71	0.53	3.24	17.00
CH46	5230	2.66	0.53	3.19	17.00

CH38



Date: 23.NOV.2017 20:54:13

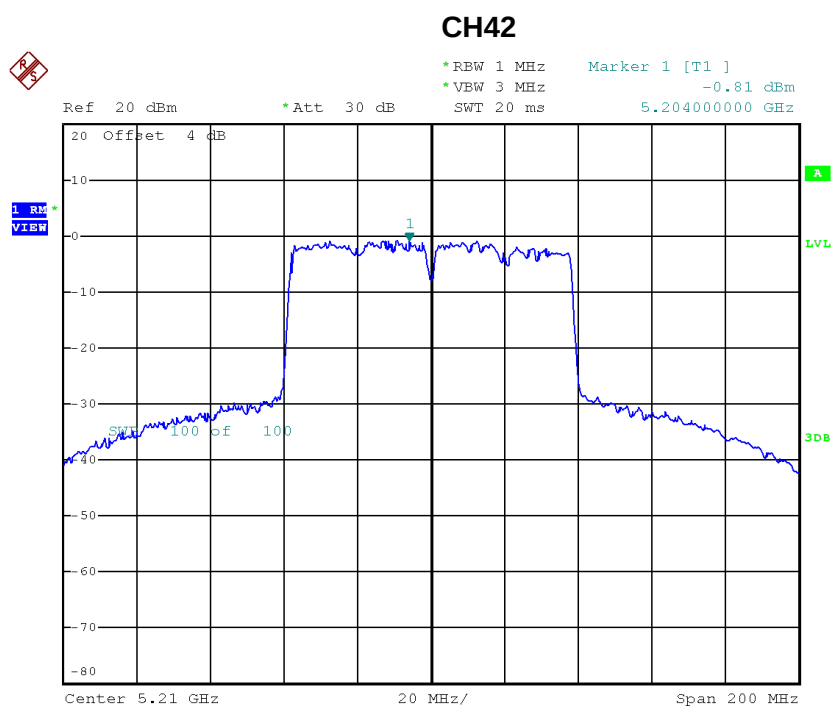
CH46



Date: 23.NOV.2017 20:54:48

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-0.81	0.79	-0.02	17.00

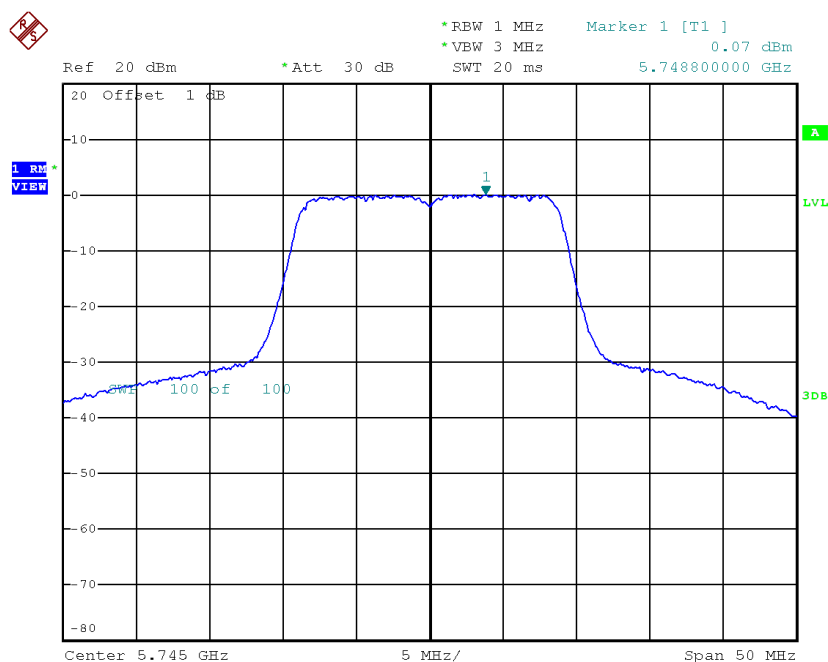


Date: 23.NOV.2017 21:05:07

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

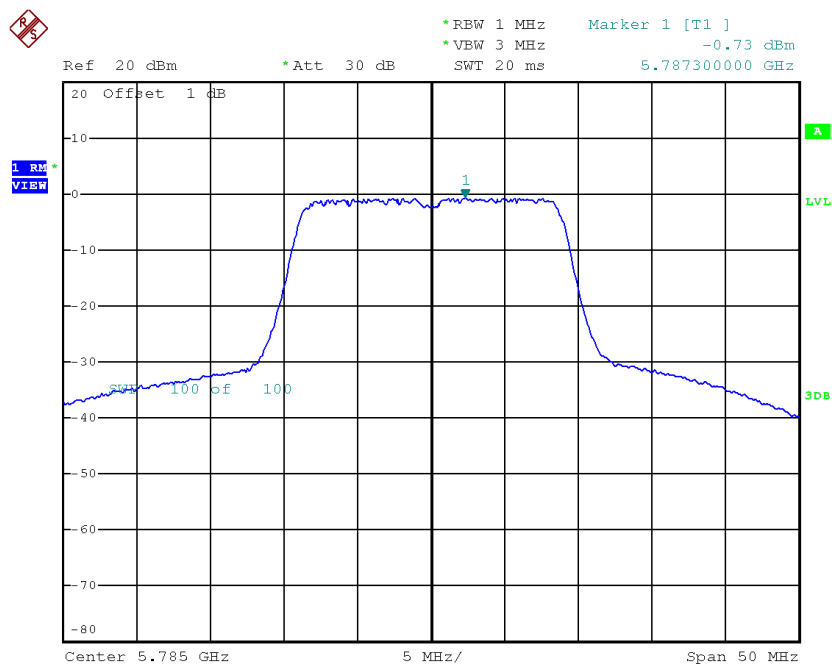
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	0.07	0.16	0.23	30.00
CH157	5785	-0.73	0.16	-0.57	30.00
CH165	5825	-1.41	0.16	-1.25	30.00

TX CH149



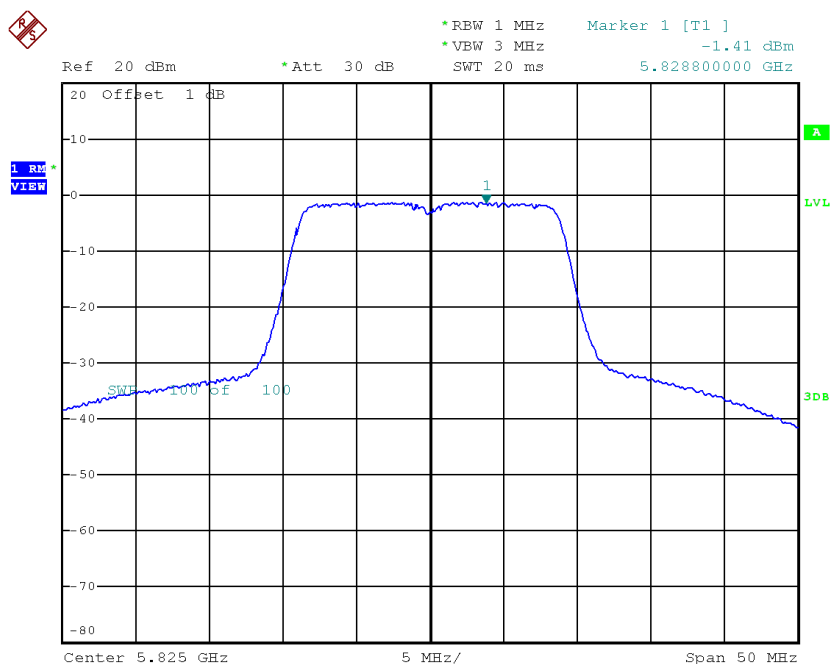
Date: 23.NOV.2017 20:44:28

TX CH157



Date: 23.NOV.2017 20:45:17

TX CH165

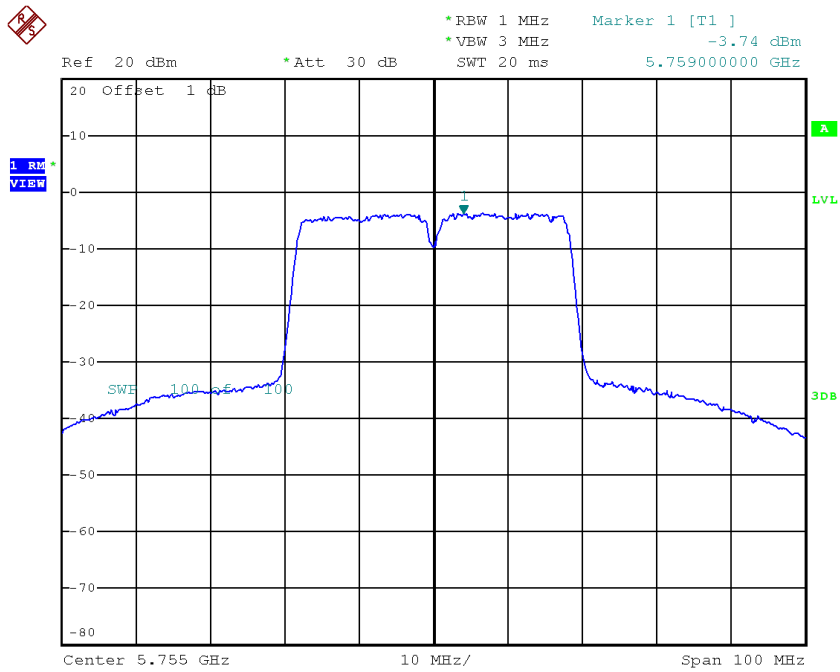


Date: 23.NOV.2017 20:46:05

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

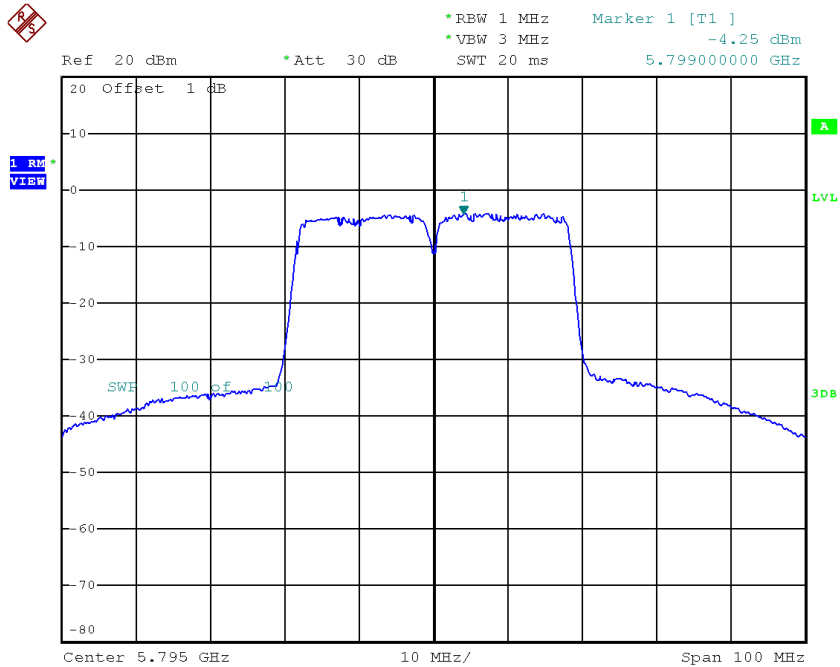
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-3.74	0.53	-3.21	30.00
CH159	5795	-4.25	0.53	-3.72	30.00

TX CH151



Date: 23.NOV.2017 21:02:45

TX CH159

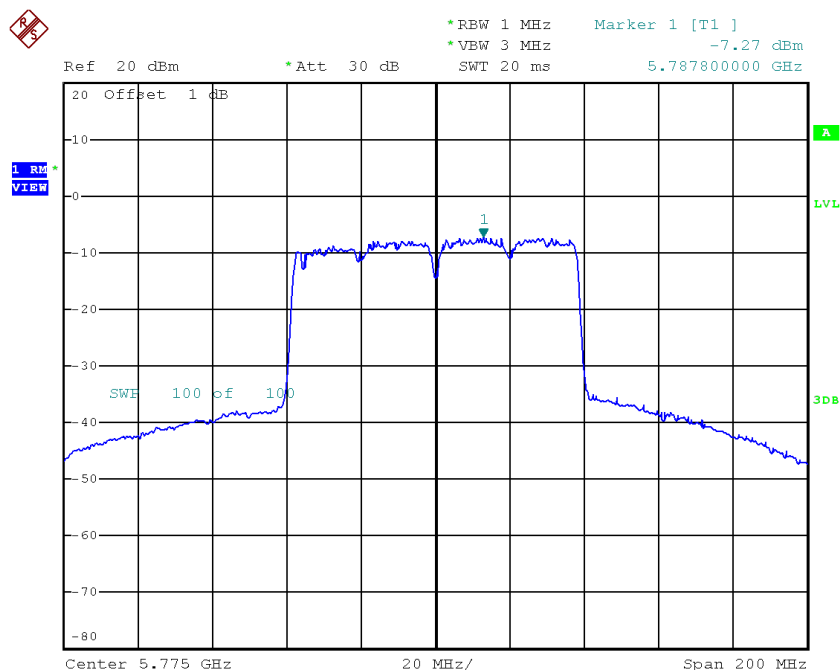


Date: 23.NOV.2017 21:03:46

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-7.27	0.79	-6.48	30.00

TX CH155



Date: 23.NOV.2017 21:09:36

APPENDIX H - FREQUENCY STABILITY

Test Mode:	UNII-1
------------	--------

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9800
120	5179.9750
108	5179.9799
Max. Deviation (MHz)	0.0201
Max. Deviation (ppm)	3.8803

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
-5	5179.9799
5	5179.9800
15	5179.9800
25	5179.9800
35	5179.9750
45	5179.9800
50	5179.9800
Max. Deviation (MHz)	0.0250
Max. Deviation (ppm)	4.8263

Test Mode:	UNII-3
------------	--------

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0000
120	5744.9748
108	5744.9750
Max. Deviation (MHz)	0.0250
Max. Deviation (ppm)	4.3516

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
-5	5744.9750
5	5744.9750
15	5744.9750
25	5744.9950
35	5744.9800
45	5744.9799
50	5744.9750
Max. Deviation (MHz)	0.0250
Max. Deviation (ppm)	4.3516