

TX AC40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

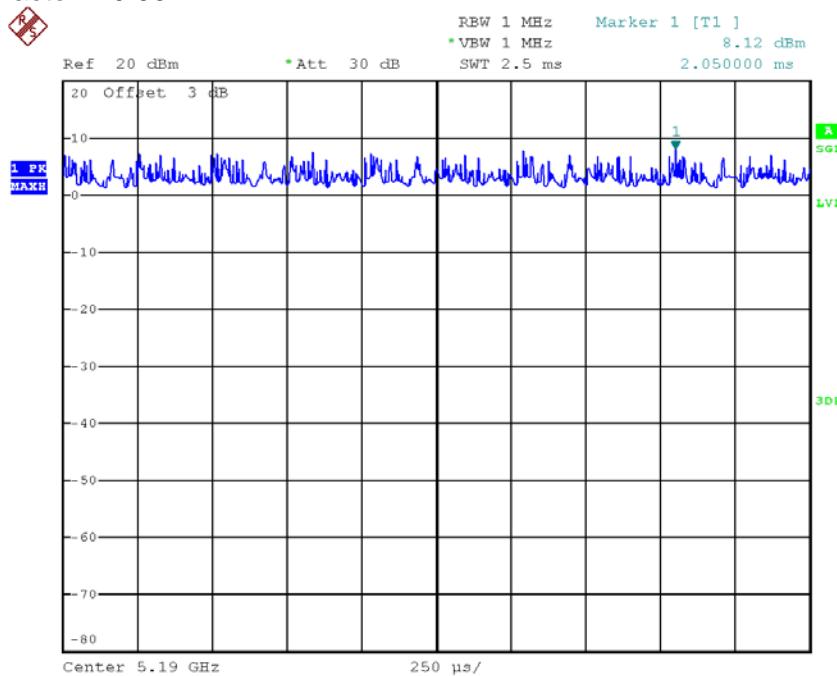
T_{ON} : 100000.000 msec

T_{Total} : 100000.000 msec

Duty cycle: 100.000%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

$$\text{Duty Factor} = 0.00$$



Date: 3.JAN.2003 03:30:34

Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be calculated as Output Power = Measured power + Duty factor
Power Spectral Density = Measured density + Duty factor

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

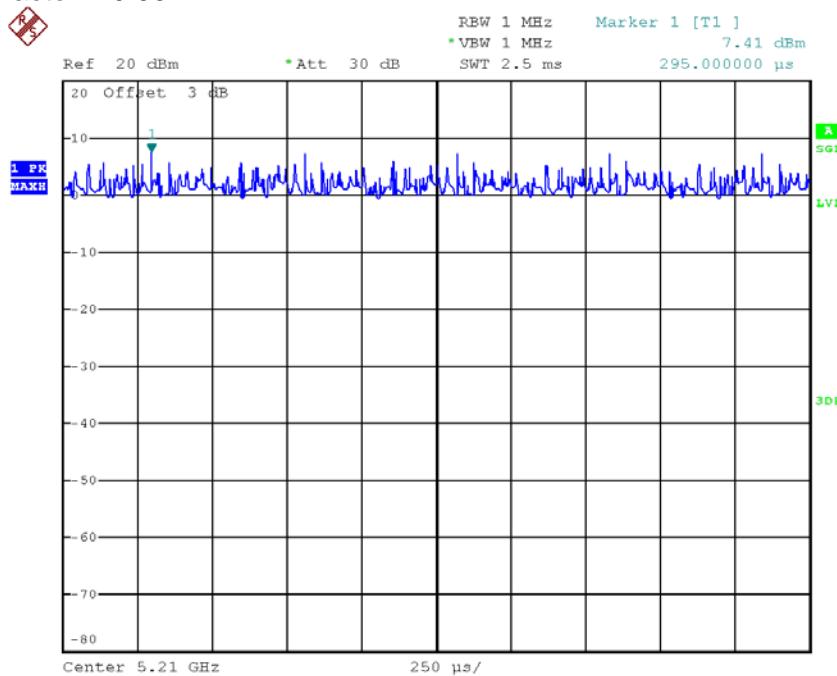
T_{ON} : 100000.000 msec

T_{Total} : 100000.000 msec

Duty cycle: 100.000%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

$$\text{Duty Factor} = 0.00$$



Date: 3.JAN.2003 03:38:45

Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be calculated as Output Power = Measured power + Duty factor
Power Spectral Density = Measured density + Duty factor

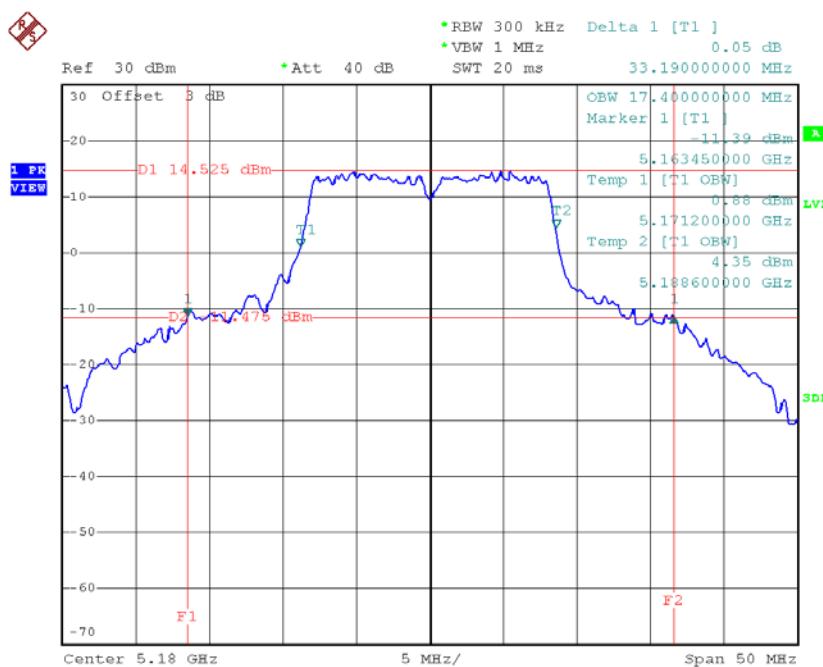
APPENDIX E - BANDWIDTH

Non Beamforming

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

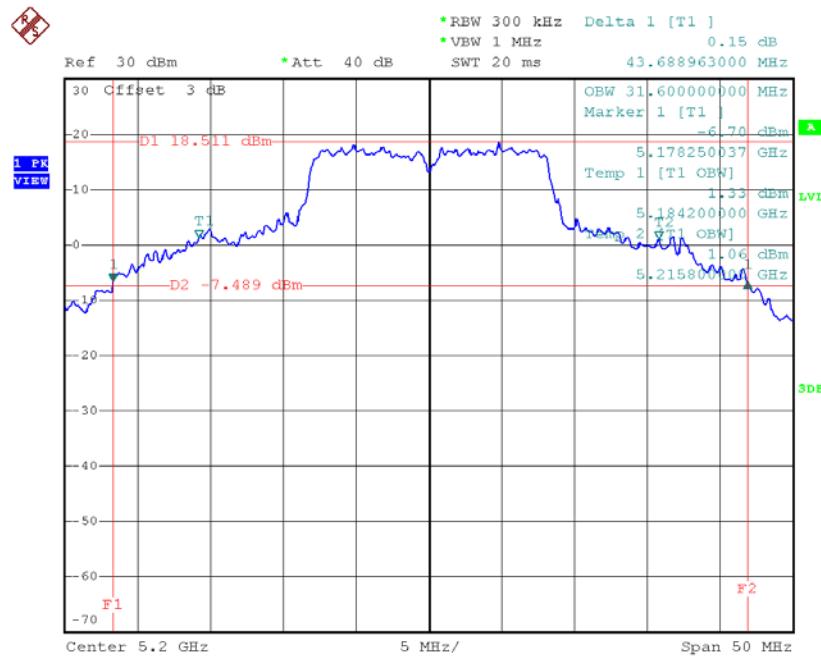
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	33.19	17.40
CH40	5200	43.69	31.60
CH48	5240	43.50	30.80

TX CH36



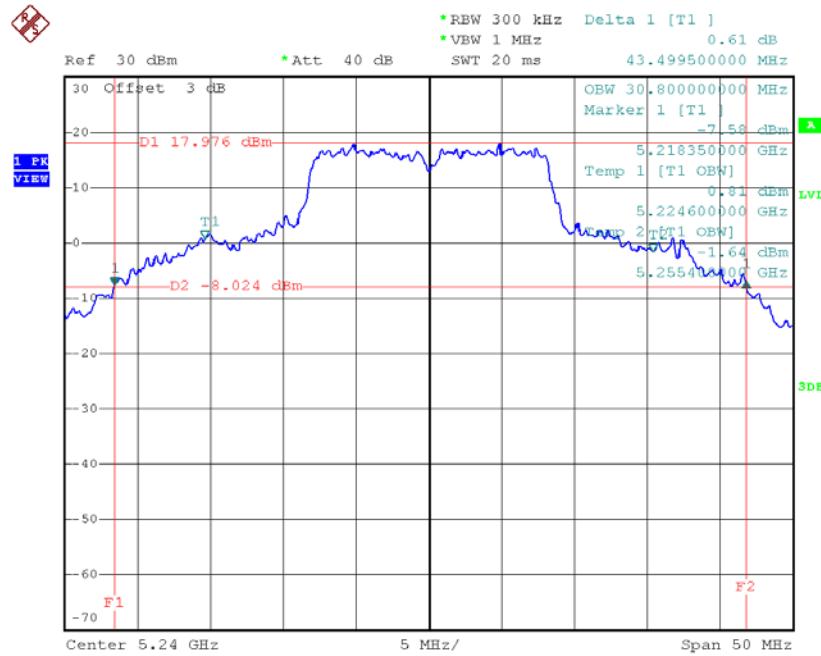
Date: 14.APR.2018 18:44:55

TX CH40



Date: 14.APR.2018 18:45:42

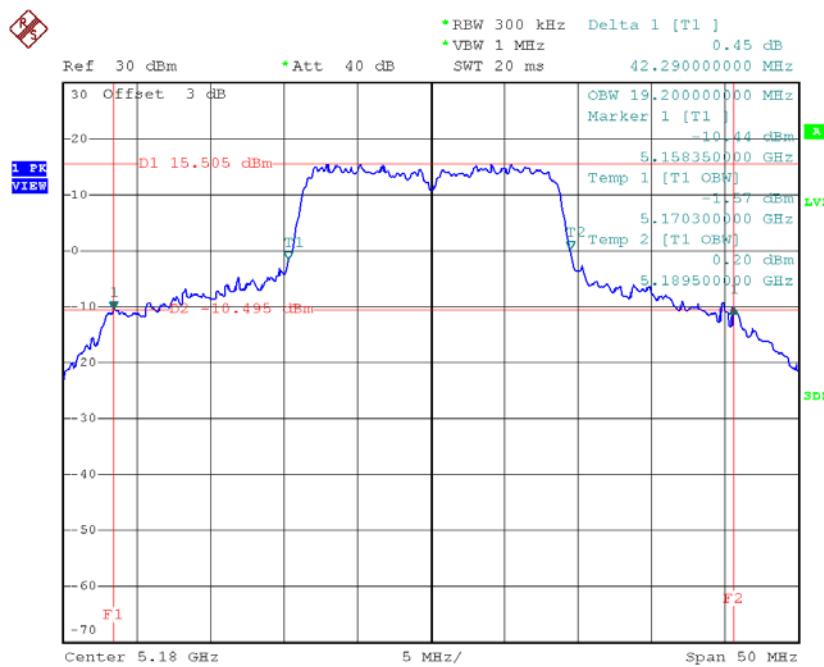
TX CH48



Date: 14.APR.2018 18:46:20

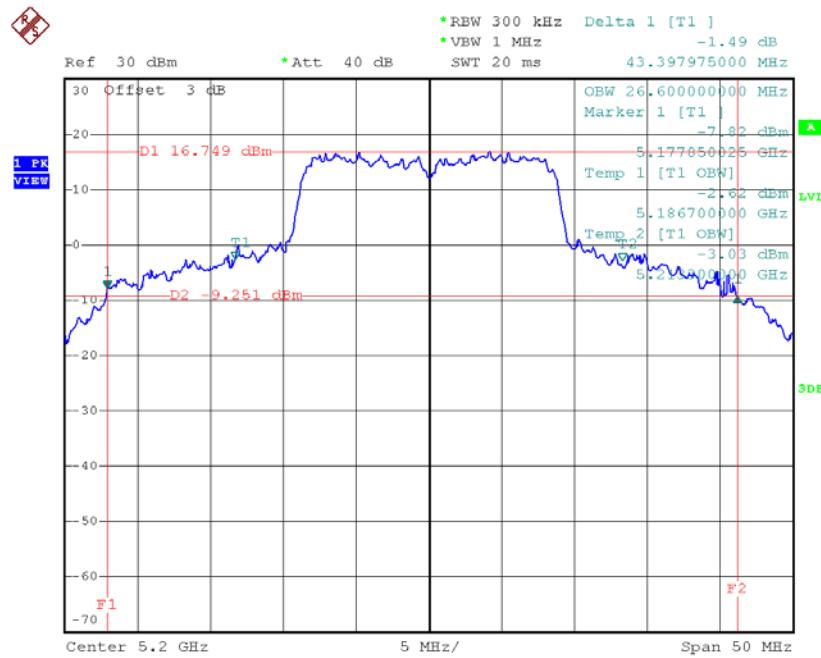
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	42.29	19.20
CH40	5200	43.40	26.60
CH48	5240	43.25	23.20

TX CH36


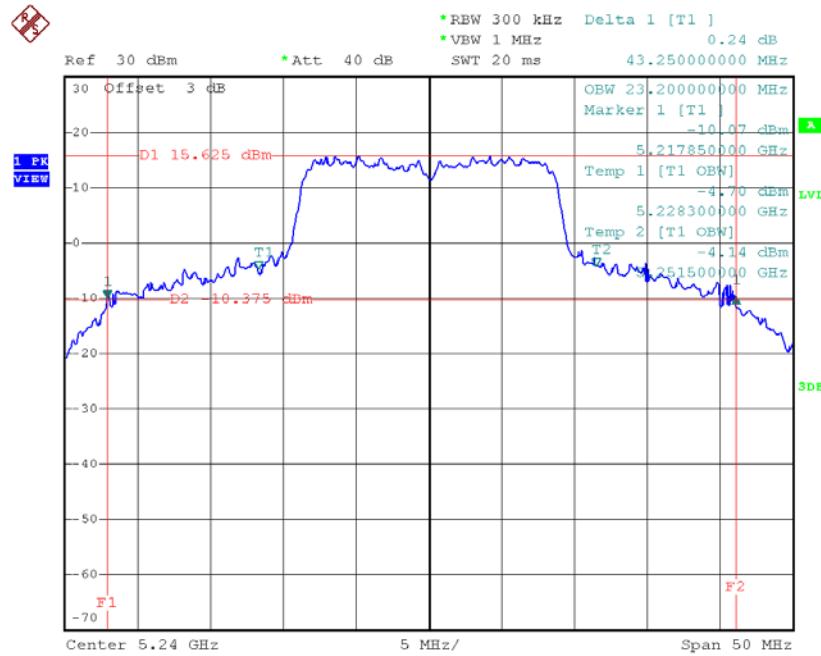
Date: 14.APR.2018 19:15:52

TX CH40



Date: 14.APR.2018 19:16:35

TX CH48

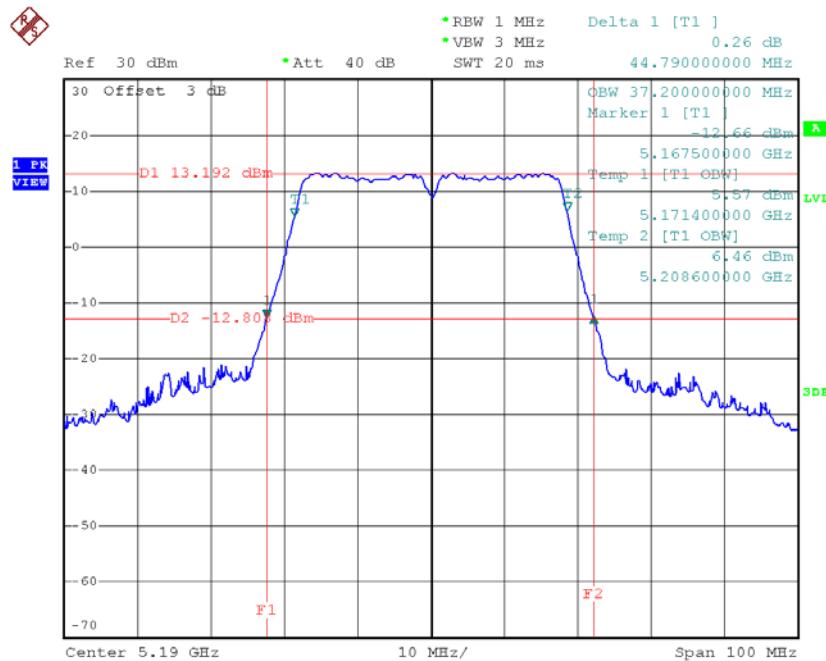


Date: 14.APR.2018 19:17:05

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

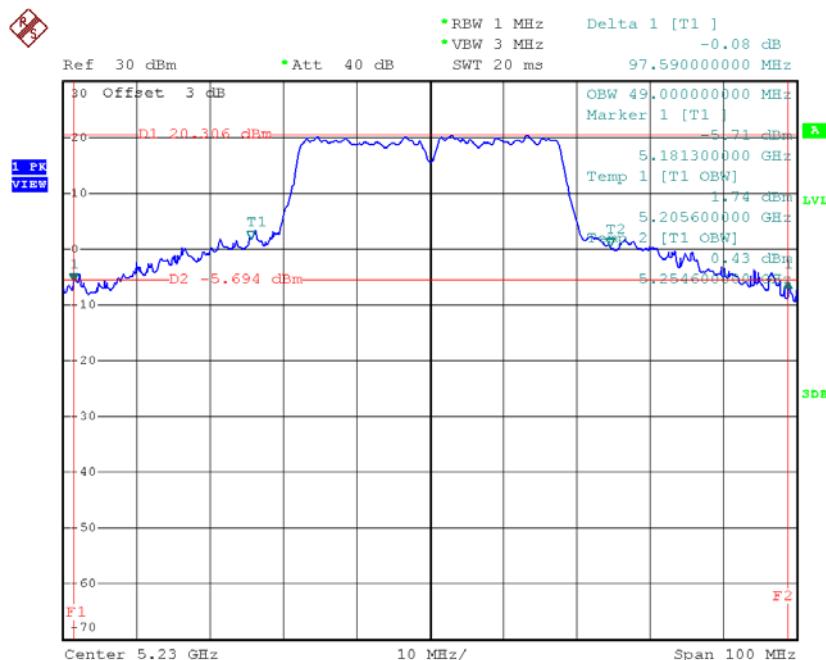
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.79	37.20
CH46	5230	97.59	49.00

TX CH38



Date: 14.APR.2018 19:58:51

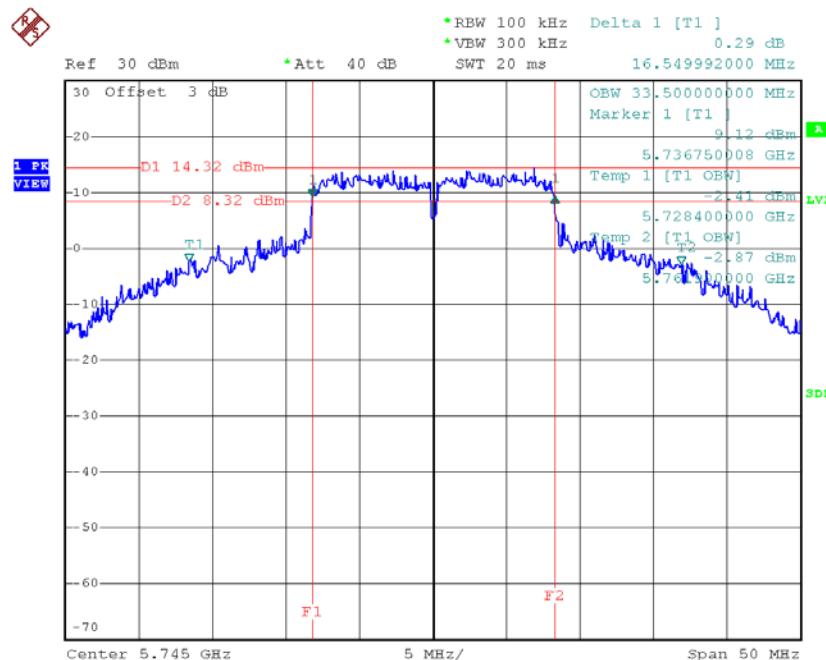
TX CH46



Date: 14.APR.2018 19:59:27

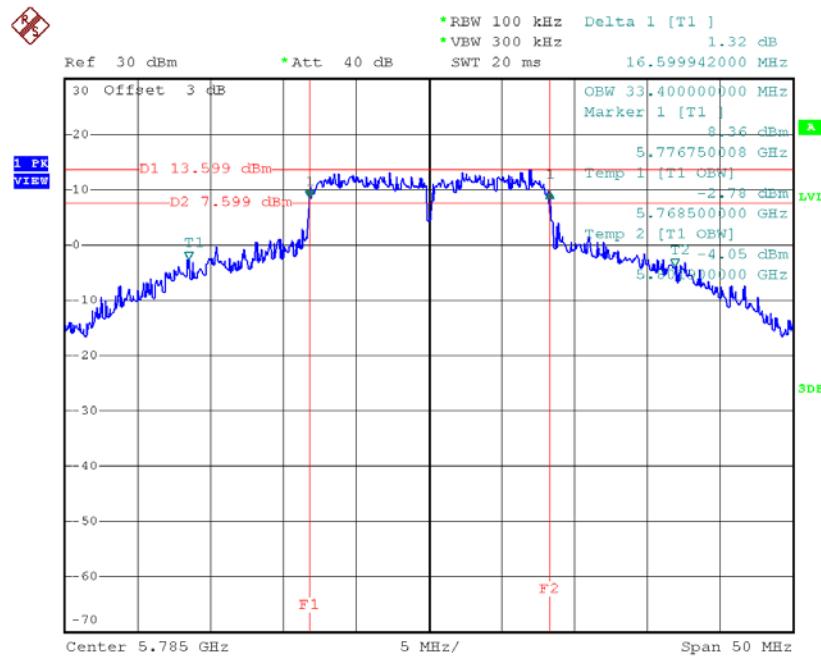
Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.55	33.50	>=500
CH157	5785	16.60	33.40	>=500
CH165	5825	16.60	33.70	>=500

TX CH 149


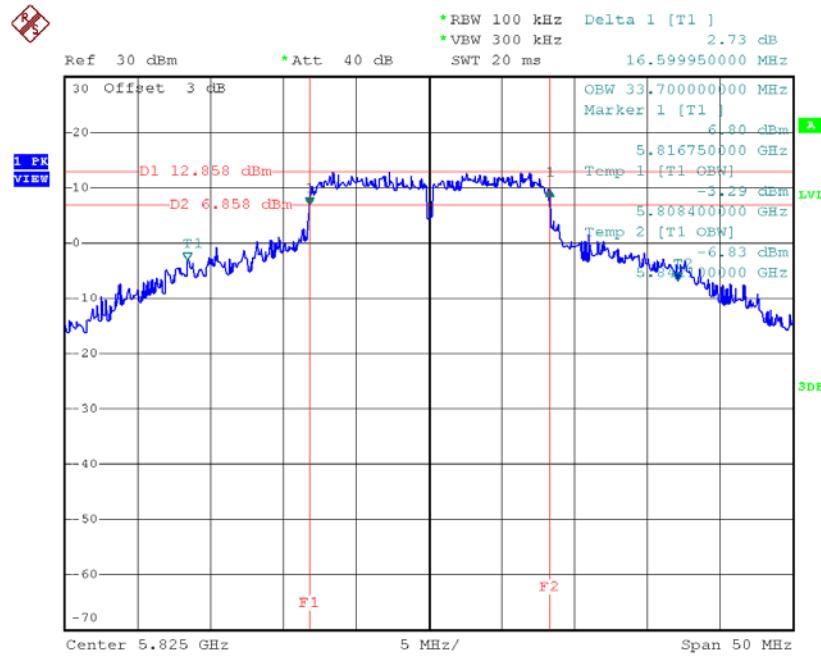
Date: 14.APR.2018 18:47:52

TX CH 157



Date: 14.APR.2018 18:48:42

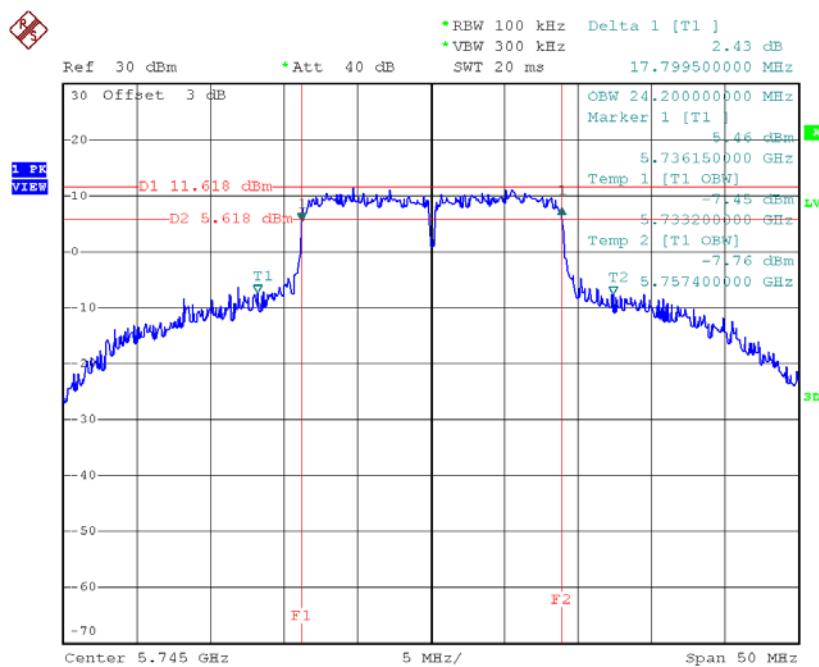
TX CH 165



Date: 14.APR.2018 18:54:19

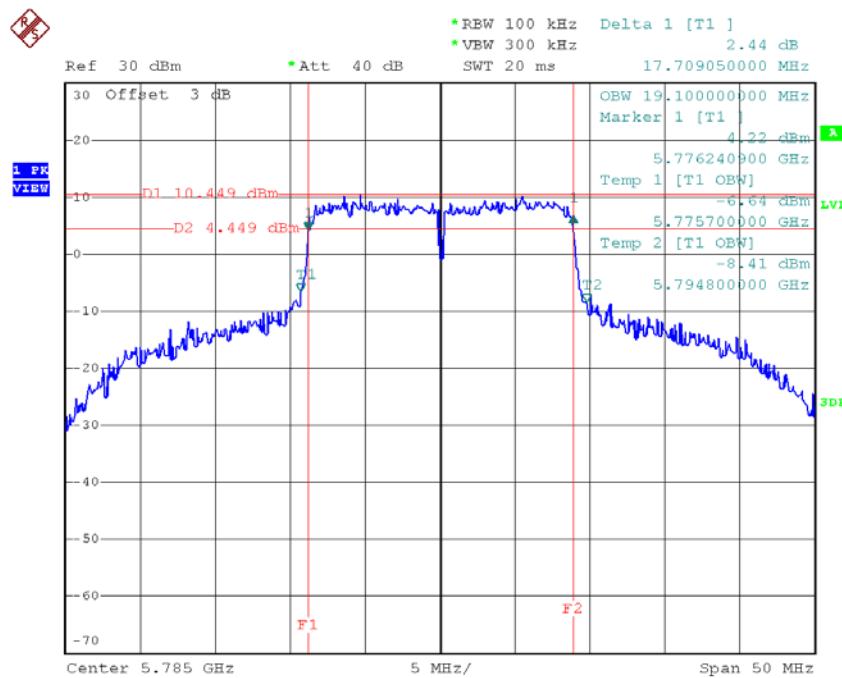
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.80	24.20	>=500
CH157	5785	17.71	19.10	>=500
CH165	5825	17.80	29.90	>=500

TX CH 149


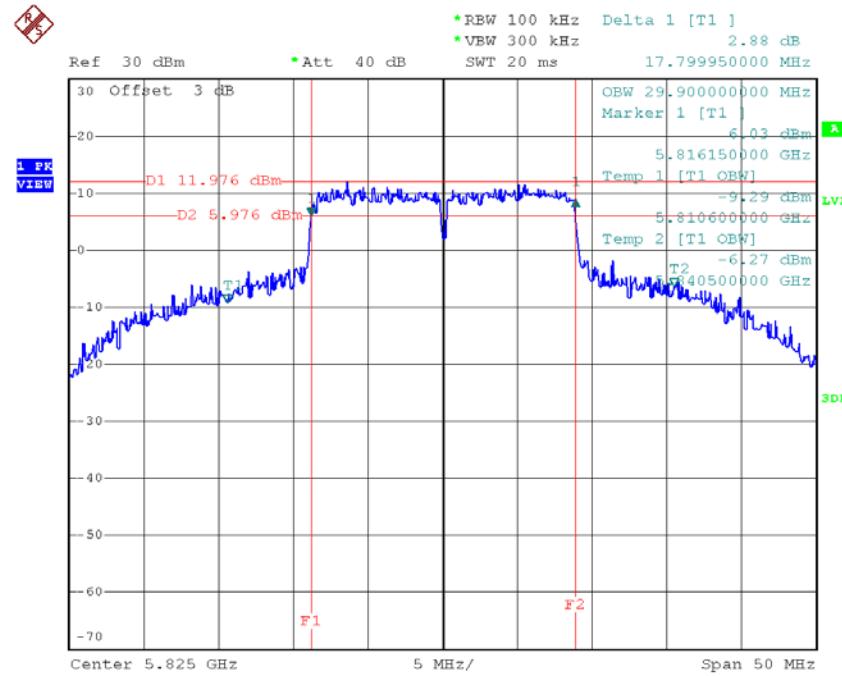
Date: 14.APR.2018 19:30:21

TX CH 157



Date: 14.APR.2018 19:31:26

TX CH 165

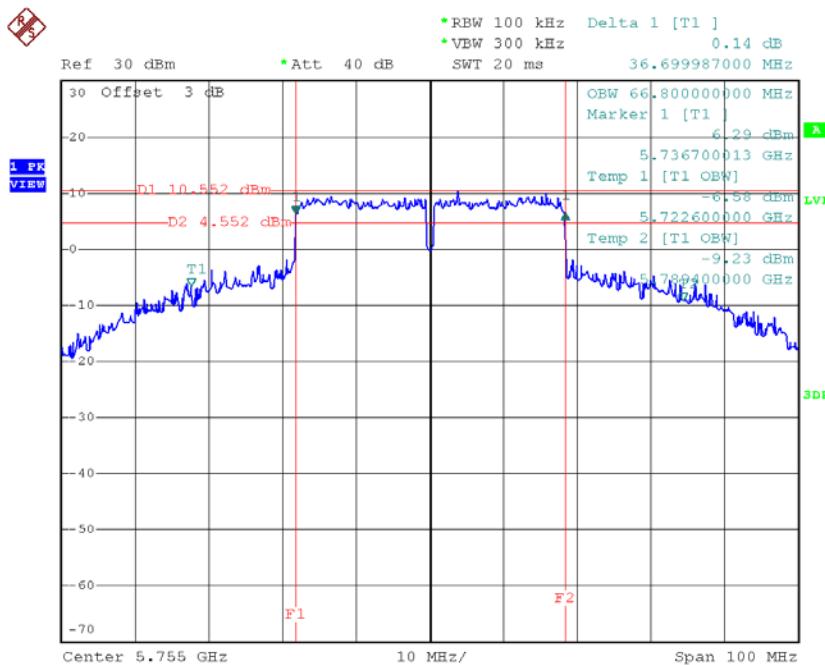


Date: 14.APR.2018 19:32:17

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

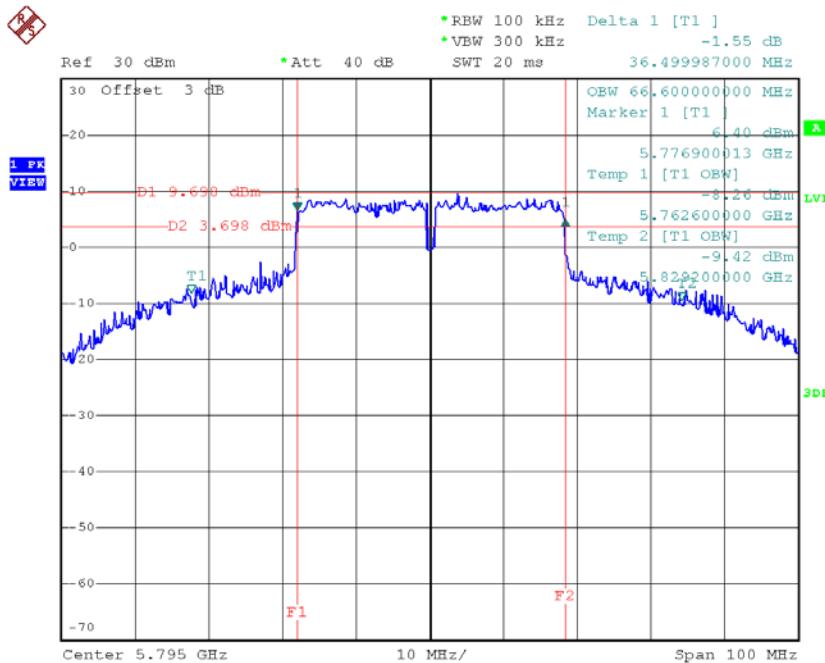
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	66.80	>=500
CH159	5795	36.50	66.60	>=500

TX CH 151



Date: 14.APR.2018 20:01:22

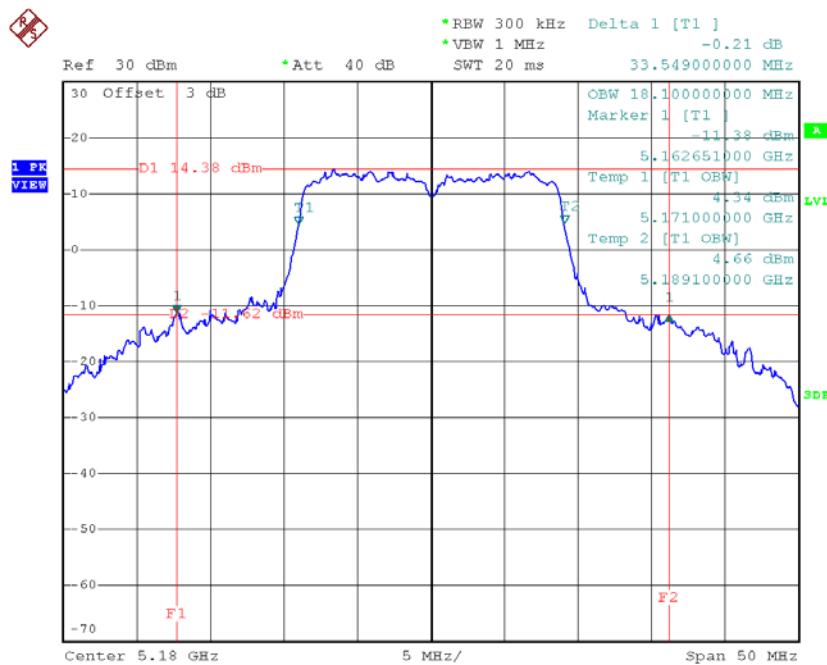
TX CH 159



Date: 14.APR.2018 20:02:46

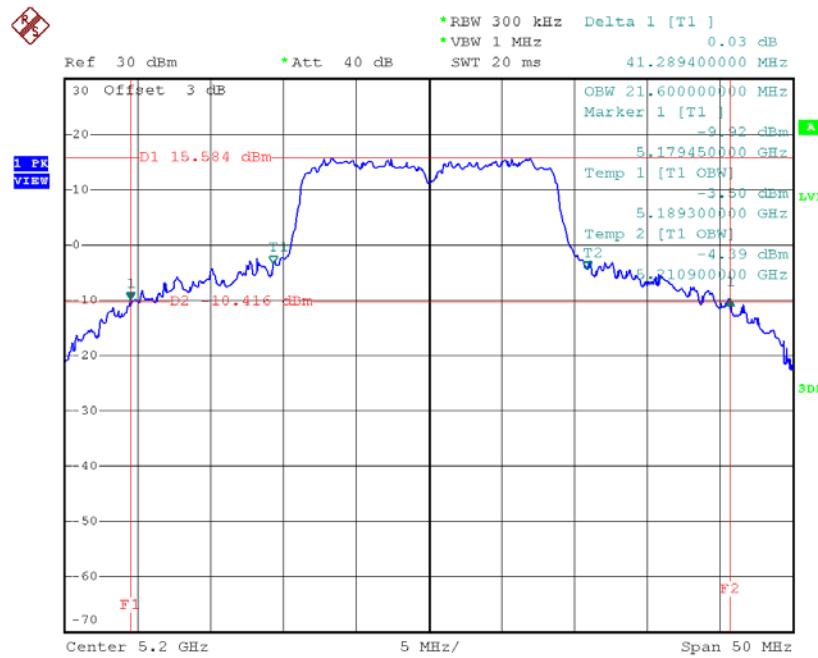
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	33.55	18.10
CH40	5200	41.29	21.60
CH48	5240	39.39	19.30

TX CH36


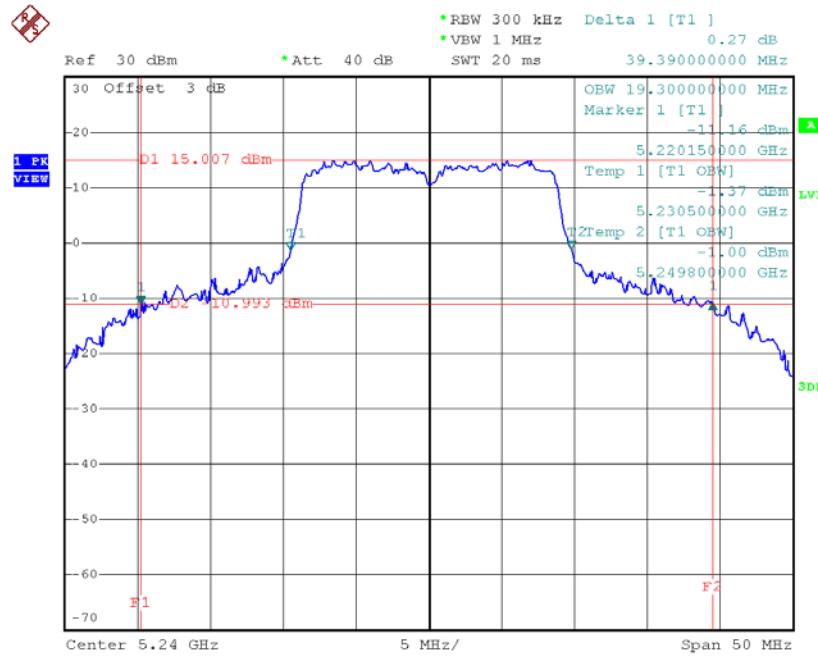
Date: 14.APR.2018 19:34:26

TX CH40



Date: 14.APR.2018 19:35:03

TX CH48

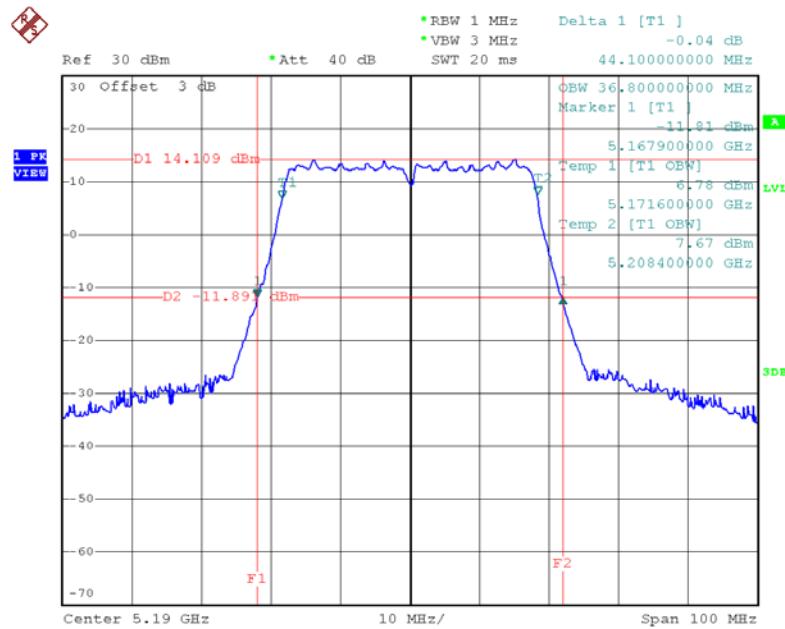


Date: 14.APR.2018 19:35:38

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

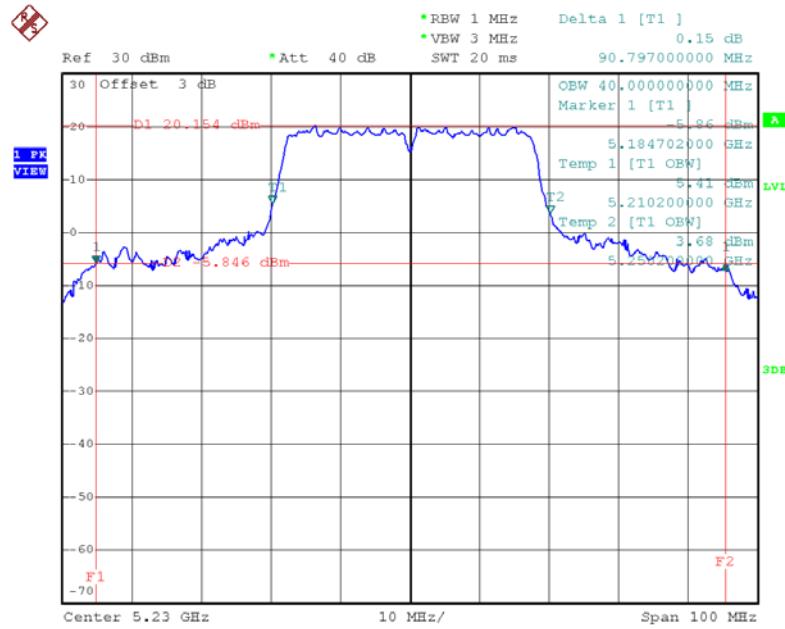
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.10	36.80
CH46	5230	90.80	40.00

TX CH38



Date: 14.APR.2018 20:07:05

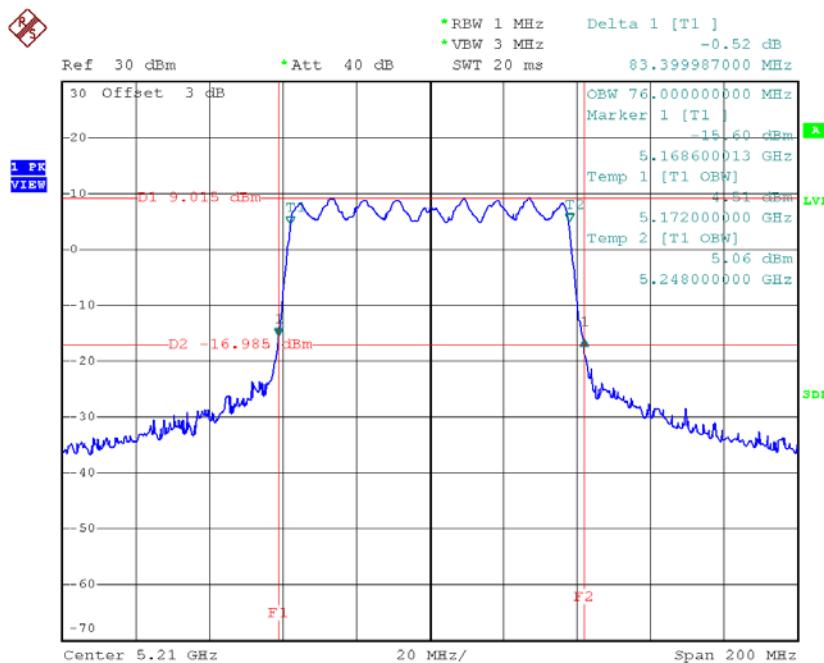
TX CH46



Date: 14.APR.2018 20:08:10

Test Mode: UNII-1/TX AC80 Mode _CH42

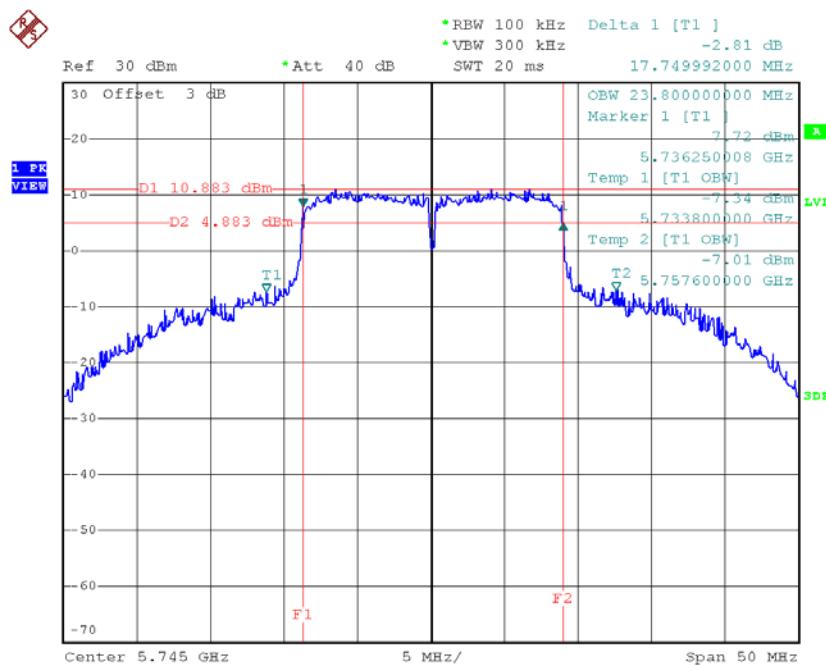
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	83.40	76.00

TX CH42

Date: 14.APR.2018 20:17:20

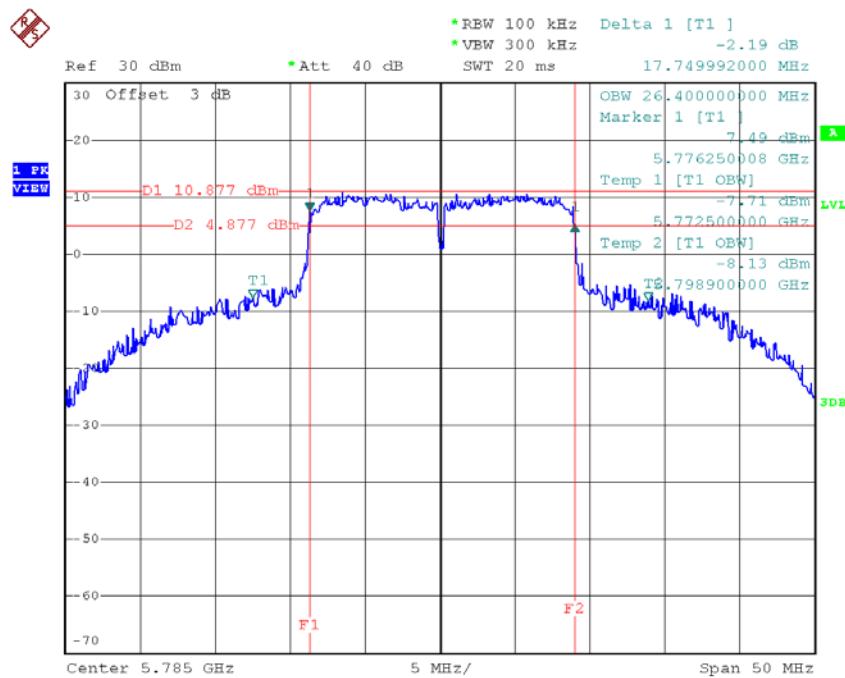
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.75	23.80	>=500
CH157	5785	17.75	26.40	>=500
CH165	5825	17.75	29.40	>=500

TX CH 149


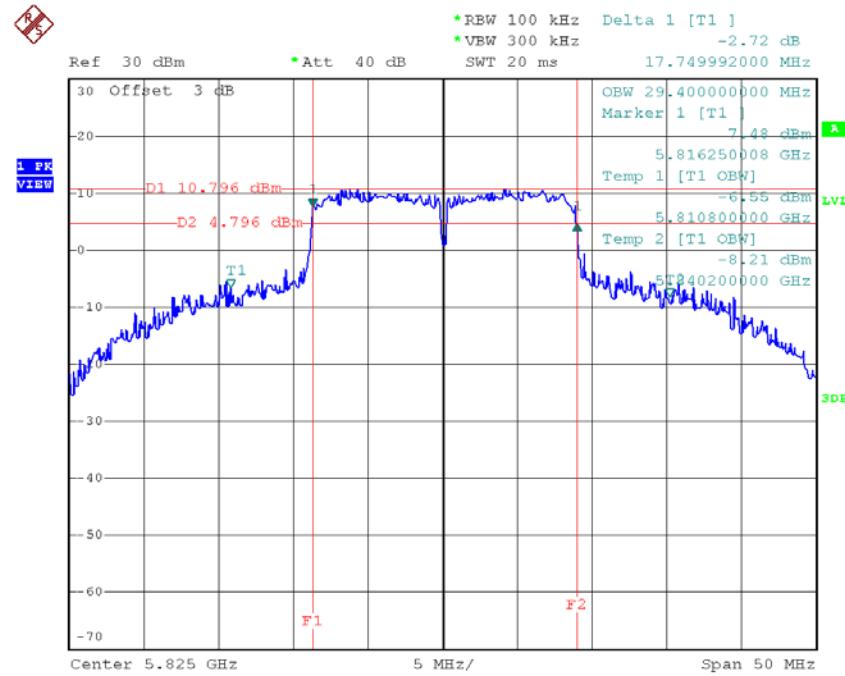
Date: 14.APR.2018 19:36:28

TX CH 157



Date: 14.APR.2018 19:37:19

TX CH 165

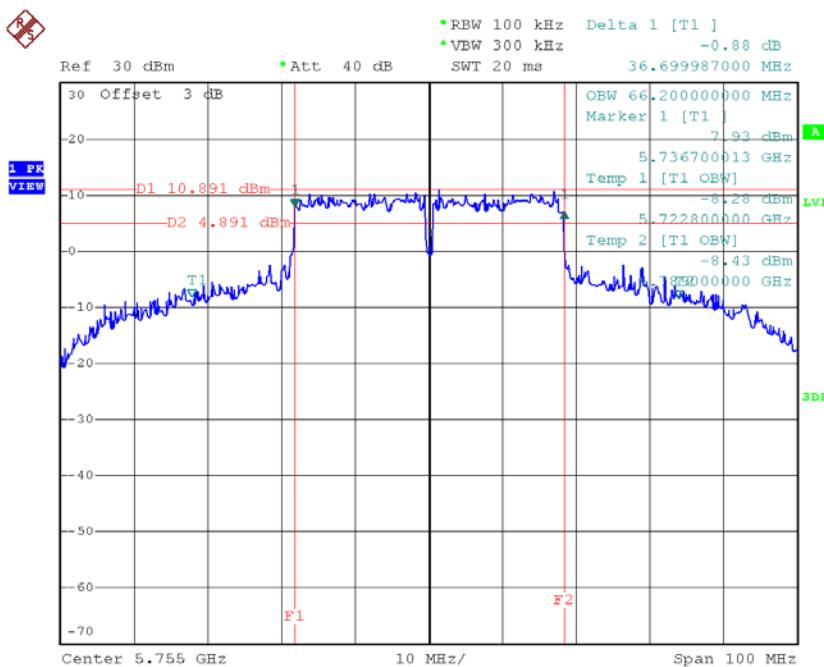


Date: 14.APR.2018 19:38:18

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

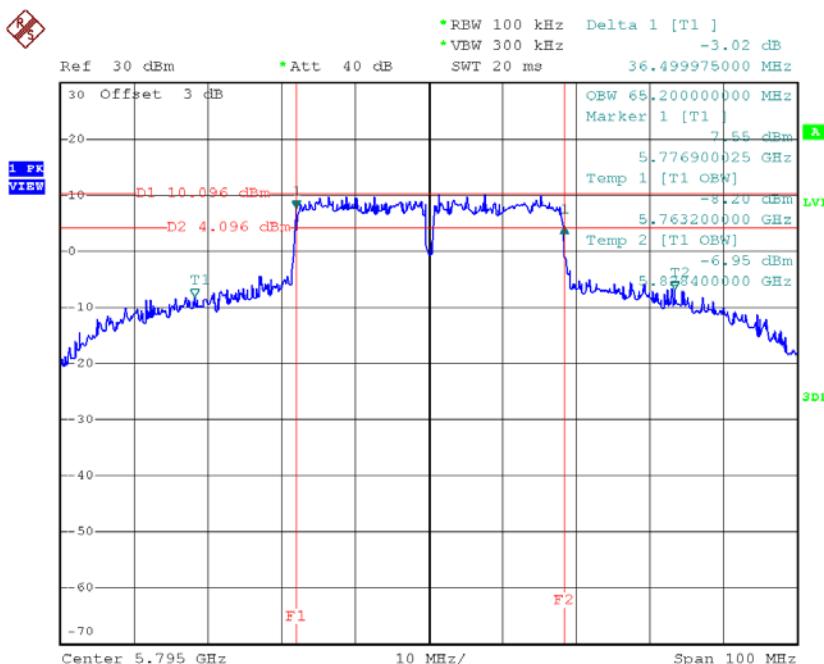
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	66.20	>=500
CH159	5795	36.50	65.20	>=500

TX CH 151



Date: 14.APR.2018 20:09:12

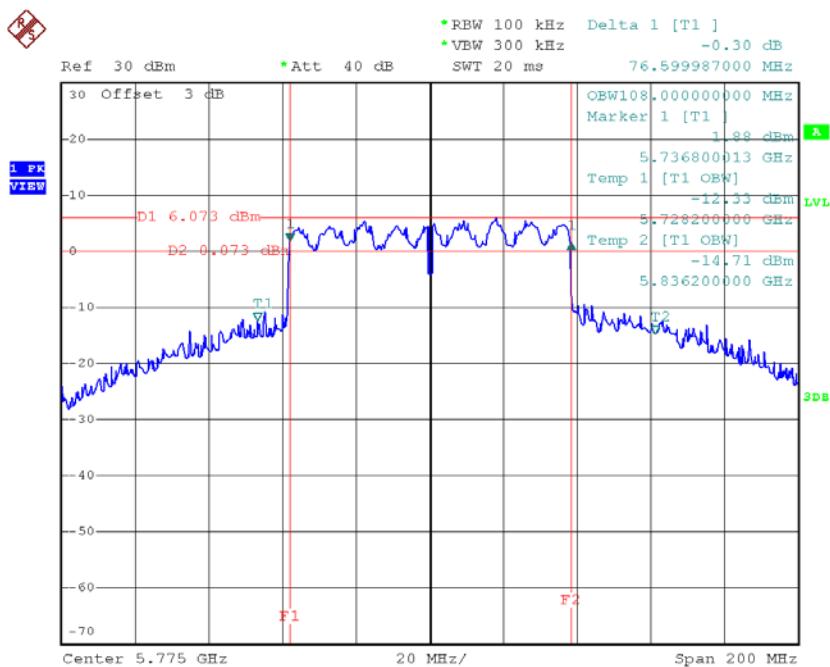
TX CH 159



Date: 14.APR.2018 20:10:06

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.60	108.00	>=500

TX CH 155

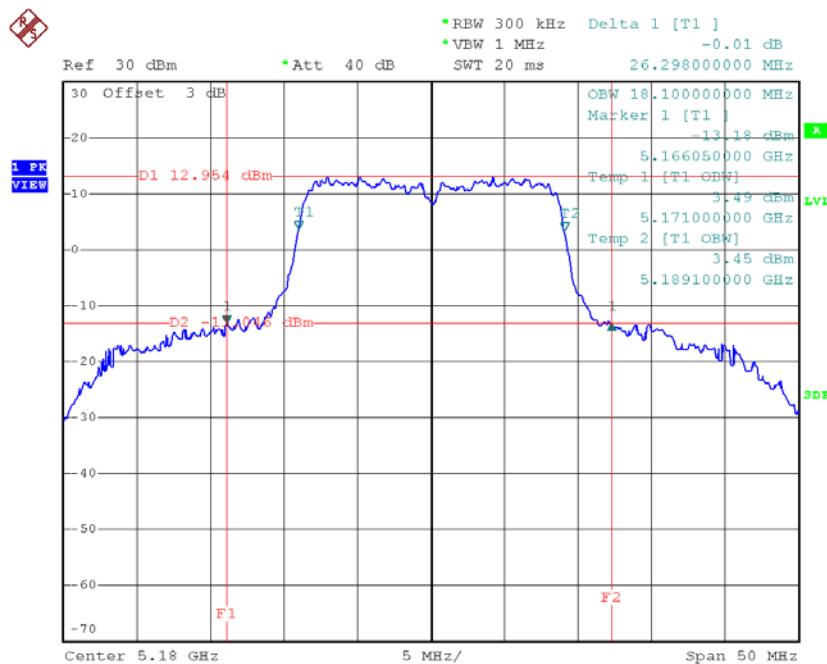
Date: 14.APR.2018 20:18:30

With Beamforming

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

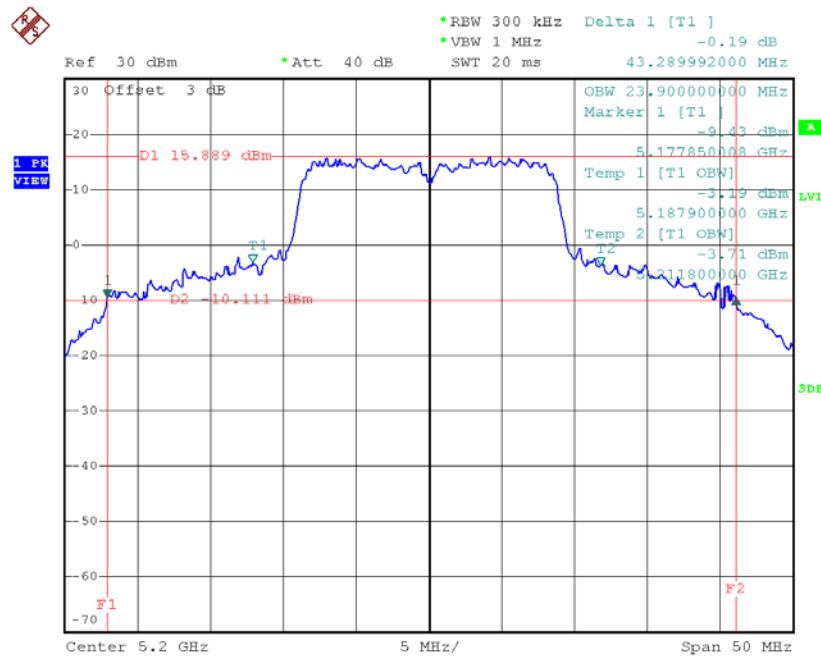
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	26.30	18.10
CH40	5200	43.29	23.90
CH48	5240	42.75	20.70

TX CH36



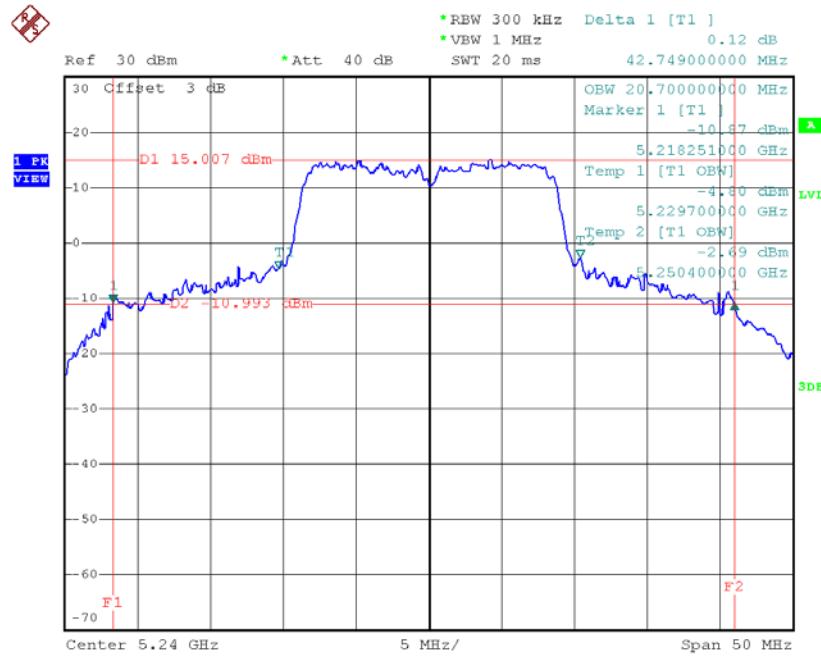
Date: 16.APR.2018 11:18:56

TX CH40



Date: 16.APR.2018 11:19:50

TX CH48

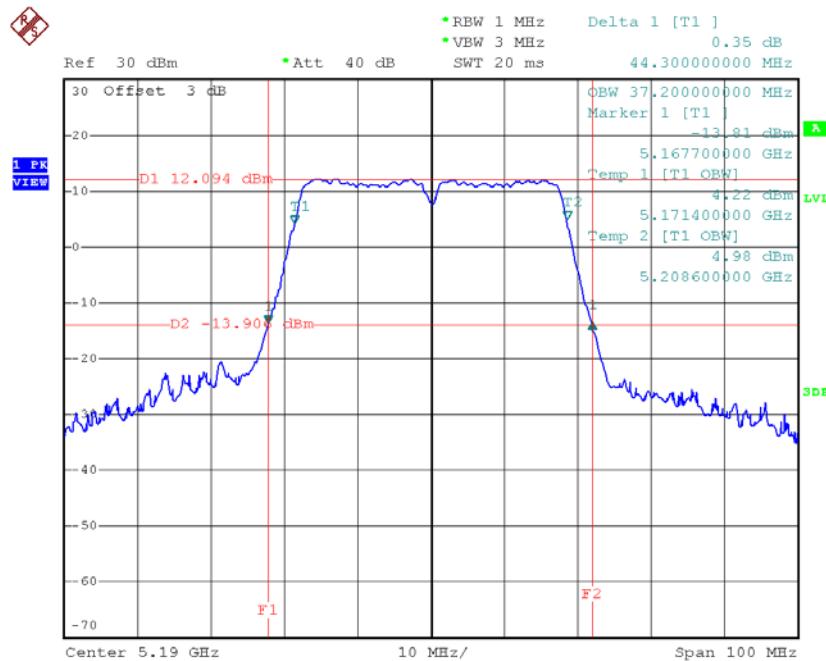


Date: 16.APR.2018 11:20:24

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

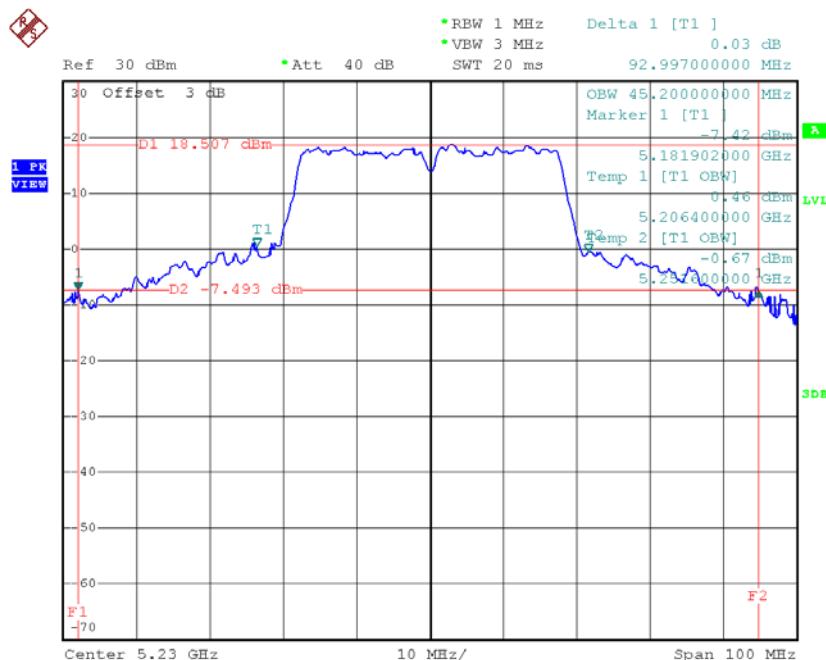
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.30	37.20
CH46	5230	93.00	45.20

TX CH38



Date: 16.APR.2018 11:50:50

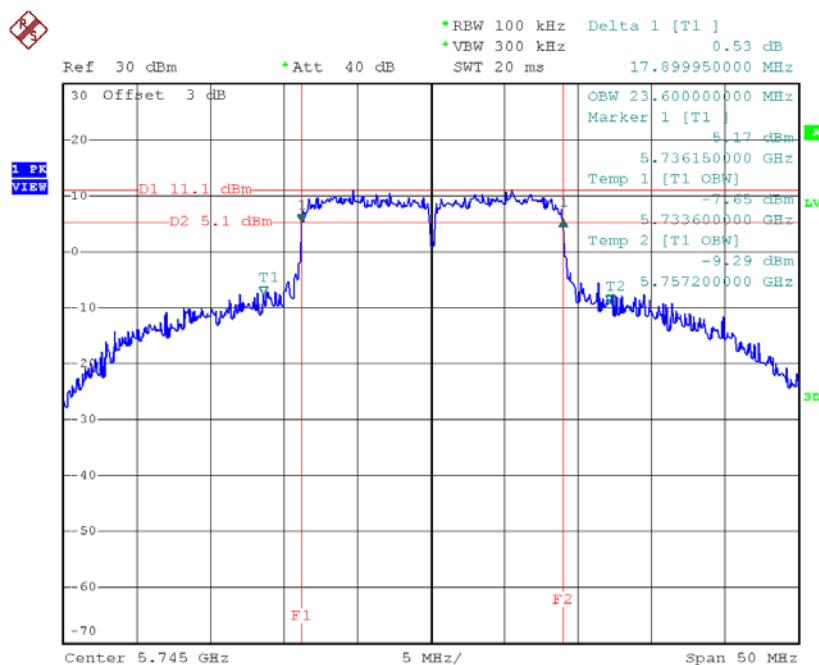
TX CH46



Date: 16.APR.2018 11:51:38

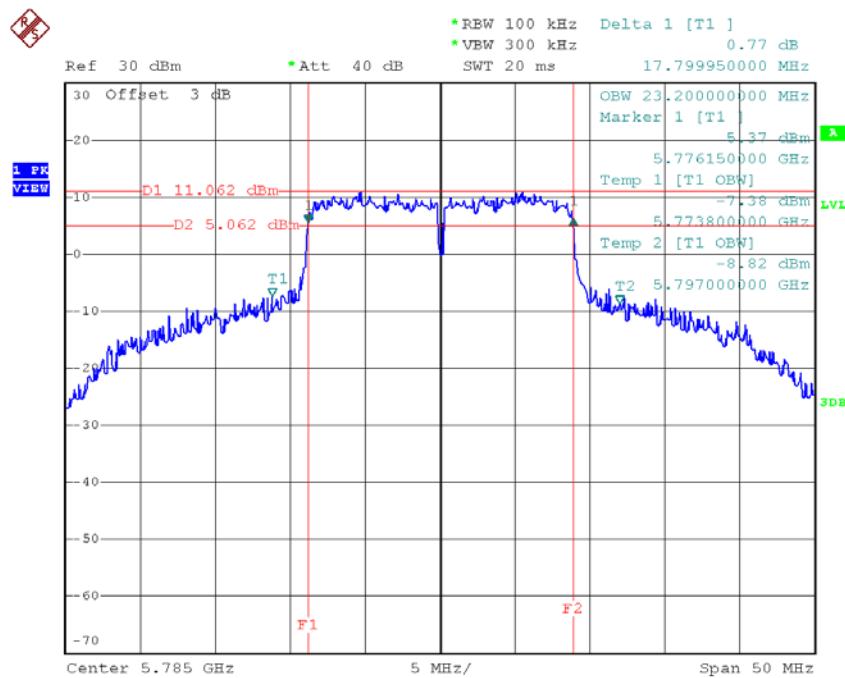
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.90	23.60	>=500
CH157	5785	17.80	23.20	>=500
CH165	5825	17.80	23.50	>=500

TX CH 149


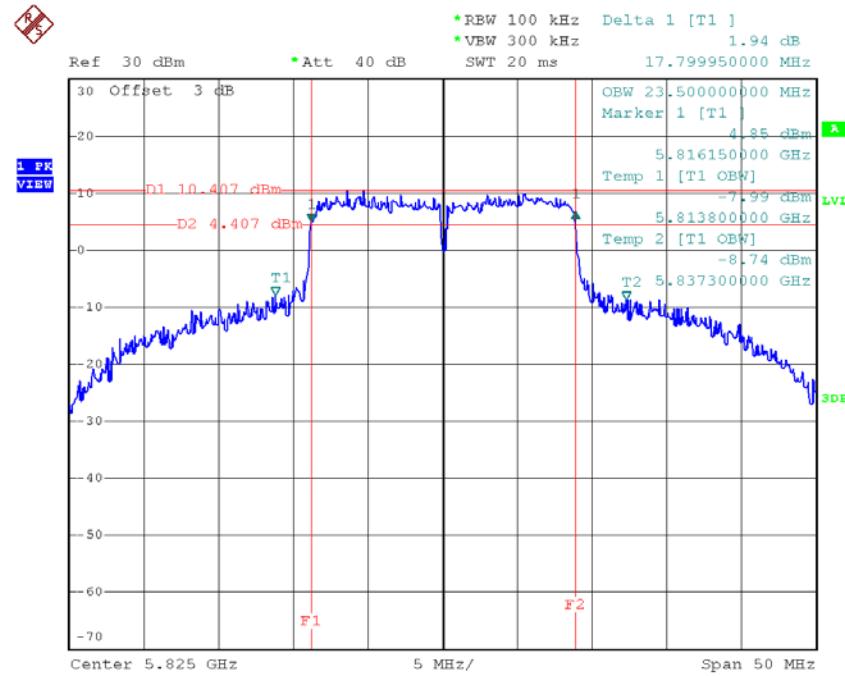
Date: 16.APR.2018 11:21:12

TX CH 157



Date: 16.APR.2018 11:22:37

TX CH 165

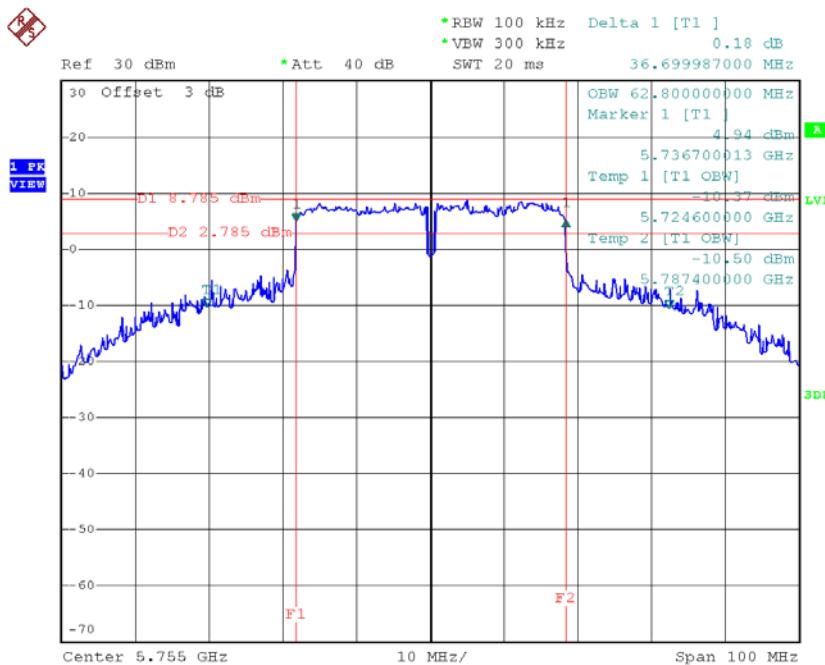


Date: 16.APR.2018 11:23:32

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

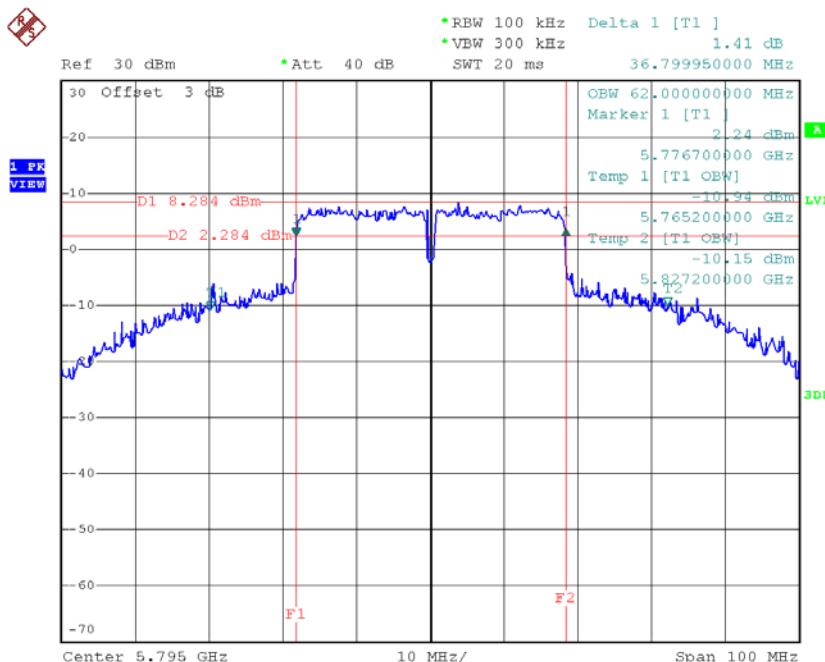
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	62.80	>=500
CH159	5795	36.80	62.00	>=500

TX CH 151



Date: 16.APR.2018 11:52:57

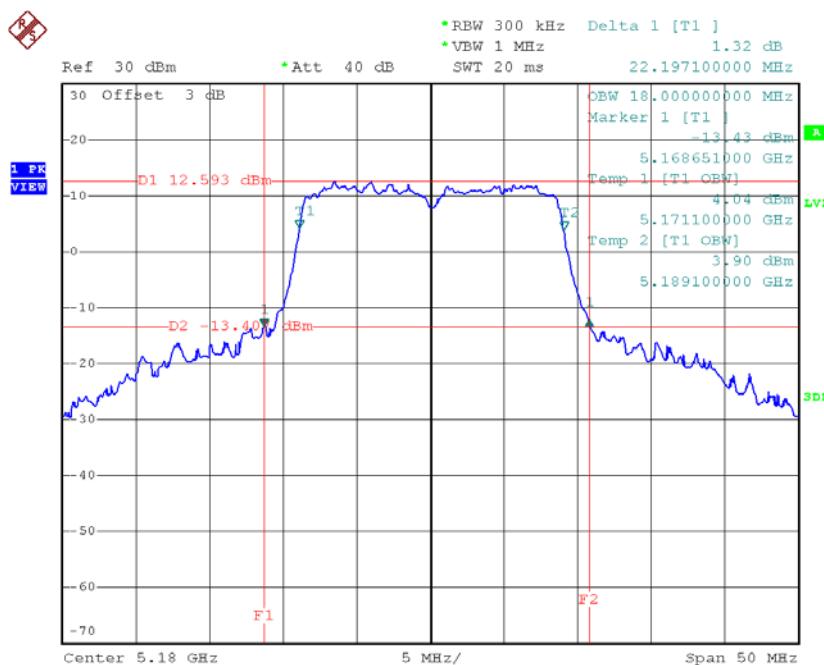
TX CH 159



Date: 16.APR.2018 11:53:51

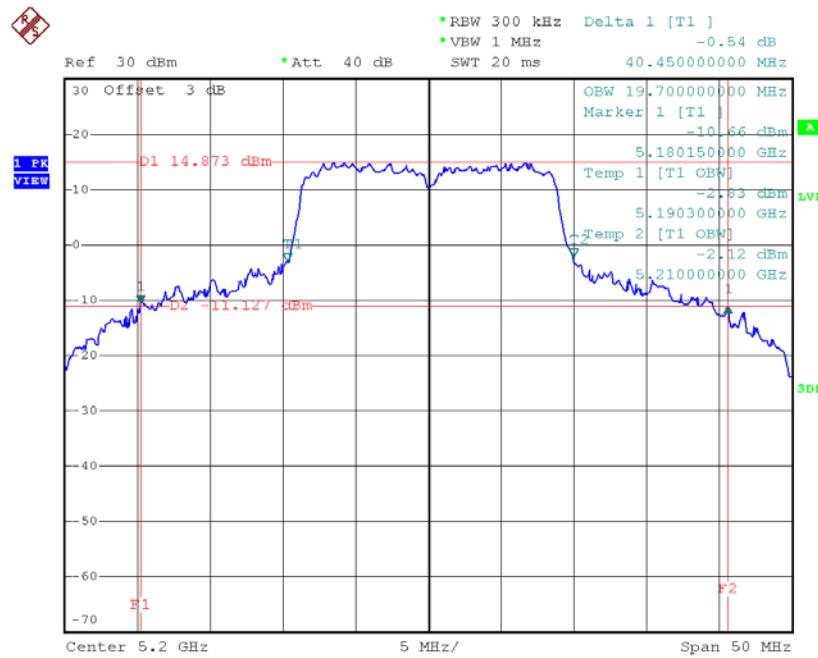
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.20	18.00
CH40	5200	40.45	19.70
CH48	5240	40.39	19.40

TX CH36


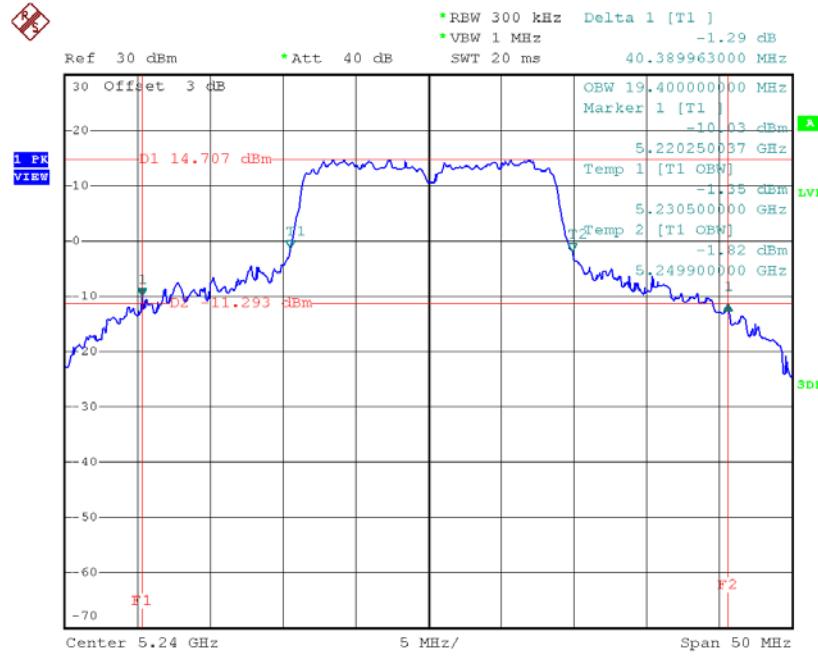
Date: 16.APR.2018 11:41:04

TX CH40



Date: 16.APR.2018 11:43:00

TX CH48

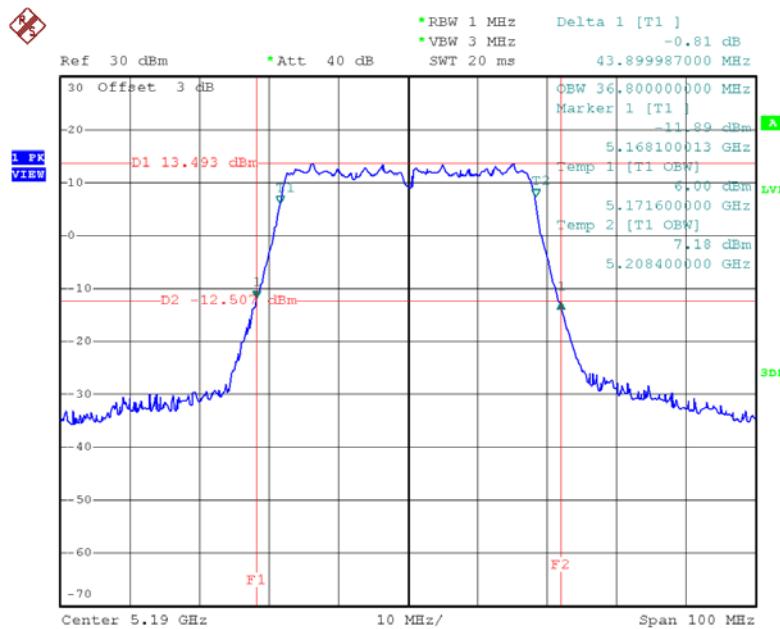


Date: 16.APR.2018 11:43:40

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

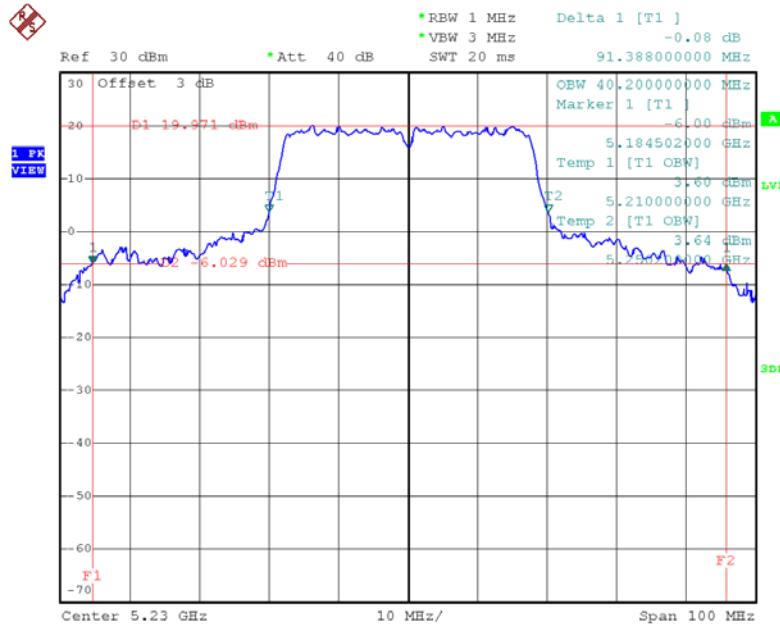
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.90	36.80
CH46	5230	91.39	40.20

TX CH38



Date: 16.APR.2018 12:19:05

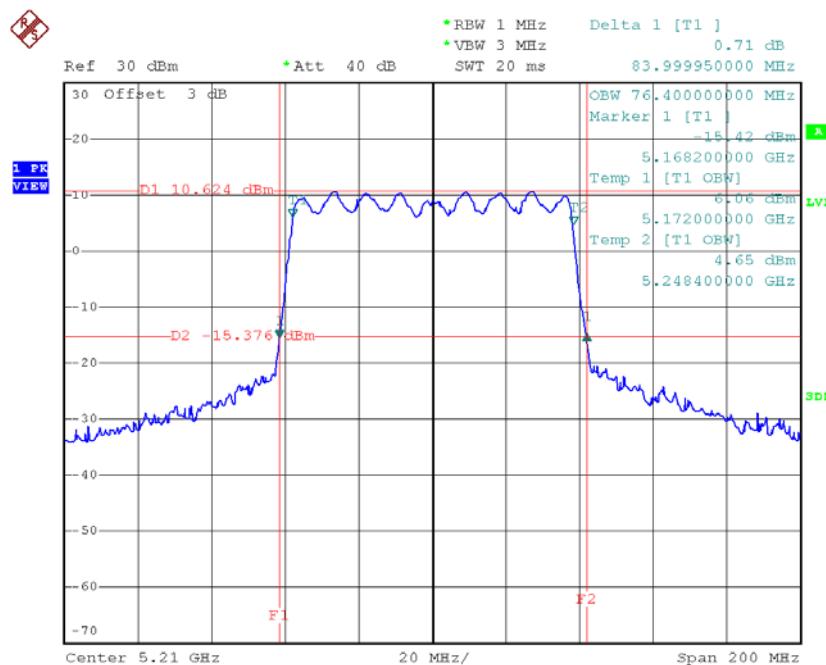
TX CH46



Date: 16.APR.2018 12:19:57

Test Mode: UNII-1/TX AC80 Mode _CH42

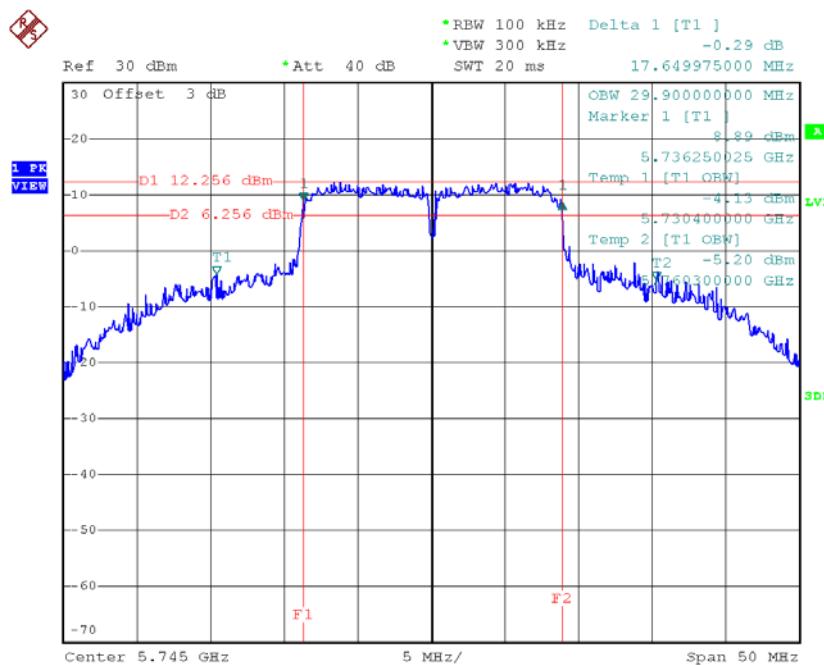
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	84.00	76.40

TX CH42

Date: 16.APR.2018 12:23:42

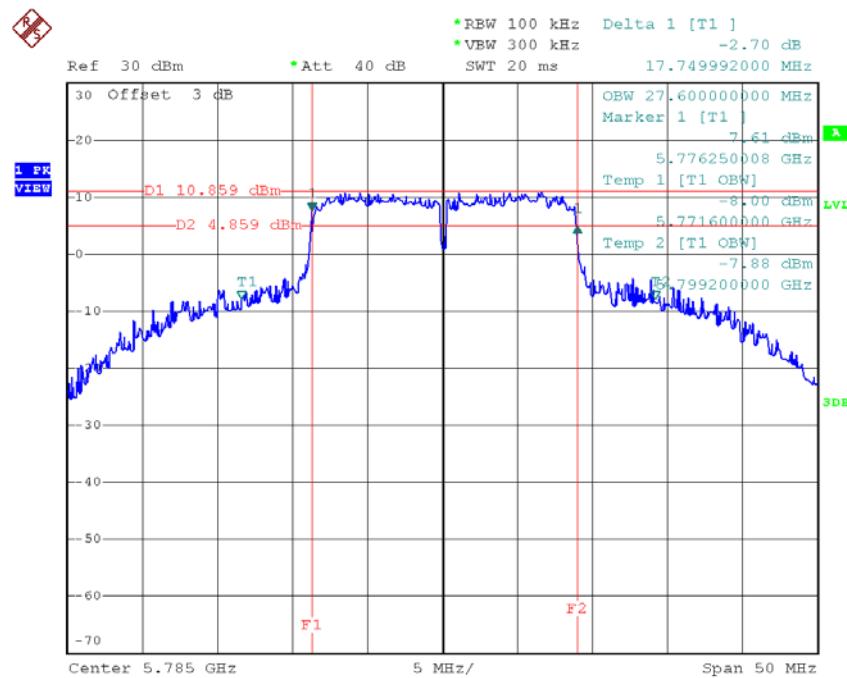
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	29.90	>=500
CH157	5785	17.75	27.60	>=500
CH165	5825	17.80	30.90	>=500

TX CH 149


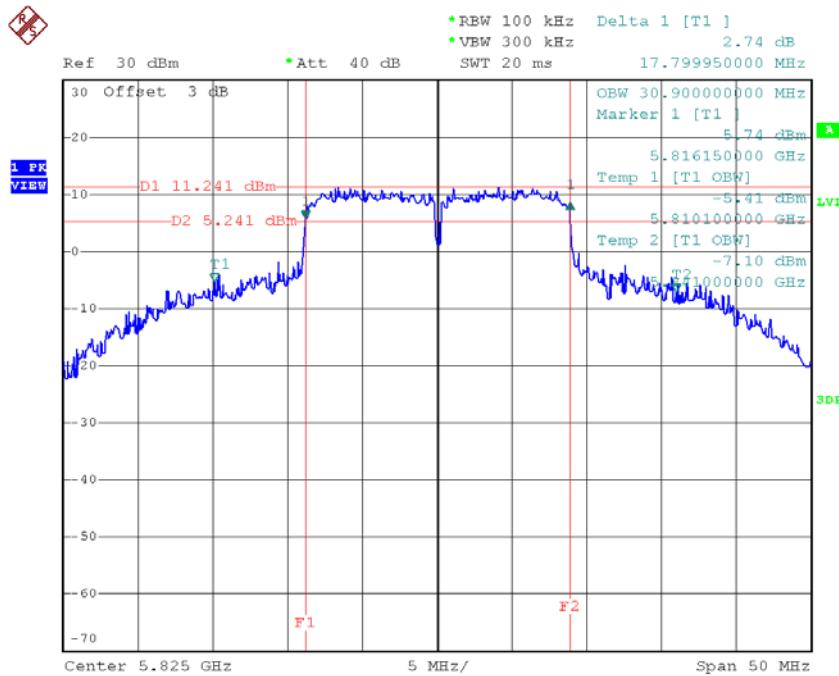
Date: 16.APR.2018 11:46:09

TX CH 157



Date: 16.APR.2018 11:47:00

TX CH 165

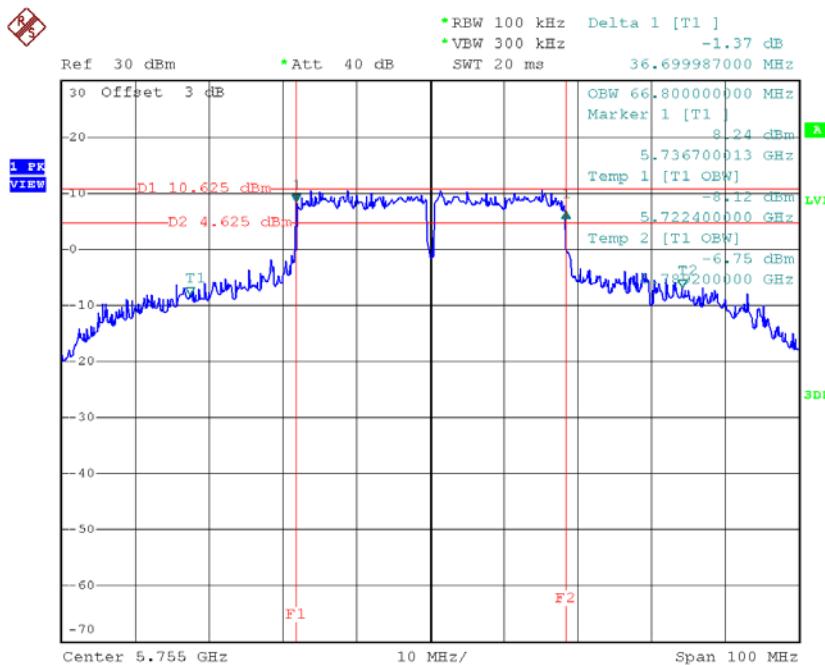


Date: 16.APR.2018 11:48:18

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

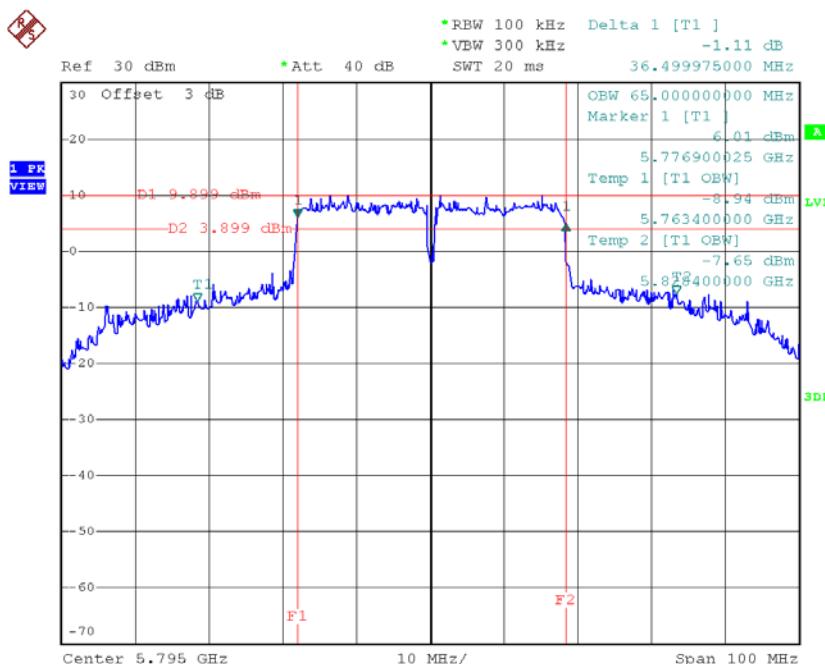
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	66.80	>=500
CH159	5795	36.50	65.00	>=500

TX CH 151



Date: 16.APR.2018 12:20:56

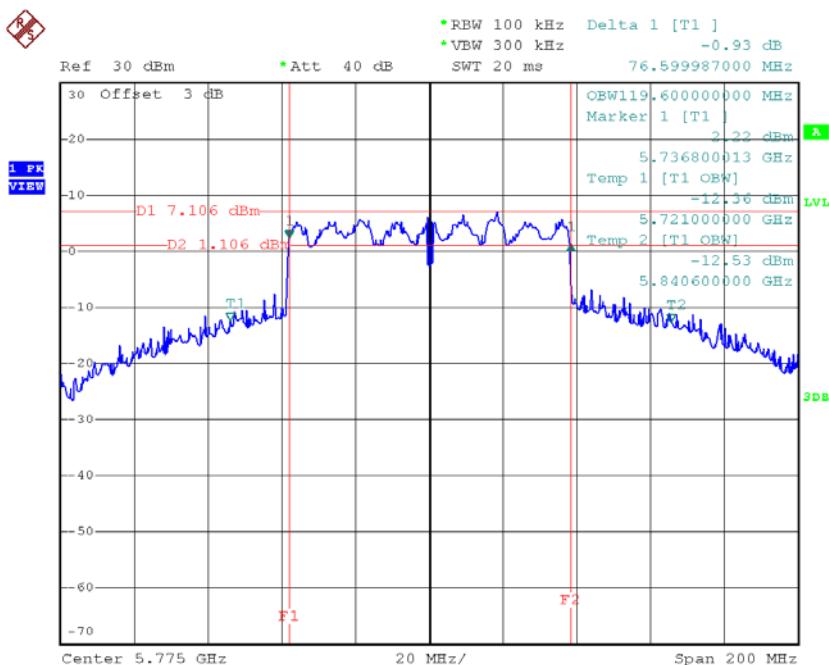
TX CH 159



Date: 16.APR.2018 12:21:48

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.60	119.60	>=500

TX CH 155

Date: 16.APR.2018 12:24:48

APPENDIX F - MAXIMUM OUTPUT POWER

Non Beamforming

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	24.17	0.00	24.17	30.00	1.00
CH40	5200	27.44	0.00	27.44	30.00	1.00
CH48	5240	27.55	0.00	27.55	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	27.25	0.00	27.25	30.00	1.00
CH157	5785	27.27	0.00	27.27	30.00	1.00
CH165	5825	27.06	0.00	27.06	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.14	0.00	24.14	29.99	1.00
CH40	5200	24.61	0.00	24.61	29.99	1.00
CH48	5240	24.64	0.00	24.64	29.99	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.37	0.00	24.37	29.99	1.00
CH40	5200	24.78	0.00	24.78	29.99	1.00
CH48	5240	24.11	0.00	24.11	29.99	1.00

Test Mode: UNII-1/TX N20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	27.27	29.99	1.00
CH40	5200	27.71	29.99	1.00
CH48	5240	27.39	29.99	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.77	0.00	23.77	29.99	1.00
CH46	5230	24.46	0.00	24.46	29.99	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.34	0.00	23.34	29.99	1.00
CH46	5230	24.88	0.00	24.88	29.99	1.00

Test Mode: UNII-1/TX N40 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	26.57	29.99	1.00
CH46	5230	27.69	29.99	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.45	0.00	24.45	29.99	1.00
CH157	5785	24.23	0.00	24.23	29.99	1.00
CH165	5825	24.24	0.00	24.24	29.99	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.33	0.00	24.33	29.99	1.00
CH157	5785	24.24	0.00	24.24	29.99	1.00
CH165	5825	24.36	0.00	24.36	29.99	1.00

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.40	29.99	1.00
CH157	5785	27.25	29.99	1.00
CH165	5825	27.31	29.99	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.52	0.00	24.52	29.99	1.00
CH159	5795	24.69	0.00	24.69	29.99	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.51	0.00	24.51	29.99	1.00
CH159	5795	24.43	0.00	24.43	29.99	1.00

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	27.53	29.99	1.00
CH159	5795	27.57	29.99	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.12	0.00	24.12	29.99	1.00
CH40	5200	24.49	0.00	24.49	29.99	1.00
CH48	5240	24.38	0.00	24.38	29.99	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.41	0.00	24.41	29.99	1.00
CH40	5200	24.52	0.00	24.52	29.99	1.00
CH48	5240	24.72	0.00	24.72	29.99	1.00

Test Mode: UNII-1/TX AC20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	27.28	29.99	1.00
CH40	5200	27.52	29.99	1.00
CH48	5240	27.56	29.99	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	22.15	0.00	22.15	29.99	1.00
CH46	5230	24.73	0.00	24.73	29.99	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.56	0.00	21.56	29.99	1.00
CH46	5230	24.64	0.00	24.64	29.99	1.00

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	24.88	29.99	1.00
CH46	5230	27.70	29.99	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.31	0.00	20.31	29.99	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.35	0.00	20.35	29.99	1.00

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	23.34	29.99	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.35	0.00	24.35	29.99	1.00
CH157	5785	24.23	0.00	24.23	29.99	1.00
CH165	5825	24.49	0.00	24.49	29.99	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.61	0.00	24.61	29.99	1.00
CH157	5785	24.13	0.00	24.13	29.99	1.00
CH165	5825	24.45	0.00	24.45	29.99	1.00

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.49	29.99	1.00
CH157	5785	27.19	29.99	1.00
CH165	5825	27.48	29.99	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.58	0.00	24.58	29.99	1.00
CH159	5795	24.53	0.00	24.53	29.99	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.56	0.00	24.56	29.99	1.00
CH159	5795	24.79	0.00	24.79	29.99	1.00

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	27.58	29.99	1.00
CH159	5795	27.67	29.99	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.77	0.00	24.77	29.99	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.23	0.00	24.23	29.99	1.00

Test Mode: UNII-3/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	27.52	29.99	1.00

With Beamforming

Test Mode: UNII-1/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.12	0.00	24.12	29.99	1.00
CH40	5200	24.45	0.00	24.45	29.99	1.00
CH48	5240	24.57	0.00	24.57	29.99	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.21	0.00	24.21	29.99	1.00
CH40	5200	24.63	0.00	24.63	29.99	1.00
CH48	5240	23.95	0.00	23.95	29.99	1.00

Test Mode: UNII-1/TX N20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	27.18	29.99	1.00
CH40	5200	27.55	29.99	1.00
CH48	5240	27.28	29.99	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.17	0.00	23.17	29.99	1.00
CH46	5230	24.36	0.00	24.36	29.99	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	23.24	0.00	23.24	29.99	1.00
CH46	5230	24.48	0.00	24.48	29.99	1.00

Test Mode: UNII-1/TX N40 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	26.22	29.99	1.00
CH46	5230	27.43	29.99	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.25	0.00	24.25	29.99	1.00
CH157	5785	24.08	0.00	24.08	29.99	1.00
CH165	5825	24.13	0.00	24.13	29.99	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.17	0.00	24.17	29.99	1.00
CH157	5785	24.12	0.00	24.12	29.99	1.00
CH165	5825	24.26	0.00	24.26	29.99	1.00

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.22	29.99	1.00
CH157	5785	27.11	29.99	1.00
CH165	5825	27.21	29.99	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.52	0.00	24.52	29.99	1.00
CH159	5795	24.49	0.00	24.49	29.99	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.51	0.00	24.51	29.99	1.00
CH159	5795	24.54	0.00	24.54	29.99	1.00

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	27.53	29.99	1.00
CH159	5795	27.53	29.99	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.01	0.00	24.01	29.99	1.00
CH40	5200	24.23	0.00	24.23	29.99	1.00
CH48	5240	24.31	0.00	24.31	29.99	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	24.32	0.00	24.32	29.99	1.00
CH40	5200	24.37	0.00	24.37	29.99	1.00
CH48	5240	24.54	0.00	24.54	29.99	1.00

Test Mode: UNII-1/TX AC20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	27.18	29.99	1.00
CH40	5200	27.31	29.99	1.00
CH48	5240	27.44	29.99	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	22.09	0.00	22.09	29.99	1.00
CH46	5230	24.63	0.00	24.63	29.99	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.56	0.00	21.56	29.99	1.00
CH46	5230	24.54	0.00	24.54	29.99	1.00

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	24.84	29.99	1.00
CH46	5230	27.60	29.99	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.17	0.00	20.17	29.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.24	0.00	20.24	29.00	1.00

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	23.22	29.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.29	0.00	24.29	29.99	1.00
CH157	5785	24.13	0.00	24.13	29.99	1.00
CH165	5825	24.29	0.00	24.29	29.99	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.43	0.00	24.43	29.99	1.00
CH157	5785	24.05	0.00	24.05	29.99	1.00
CH165	5825	24.25	0.00	24.25	29.99	1.00

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	27.37	29.99	1.00
CH157	5785	27.10	29.99	1.00
CH165	5825	27.28	29.99	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.38	0.00	24.38	29.99	1.00
CH159	5795	24.47	0.00	24.47	29.99	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.43	0.00	24.43	29.99	1.00
CH159	5795	24.61	0.00	24.61	29.99	1.00

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	27.42	29.99	1.00
CH159	5795	27.55	29.99	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.54	0.00	24.54	29.99	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.19	0.00	24.19	29.99	1.00

Test Mode: UNII-3/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	27.38	29.99	1.00

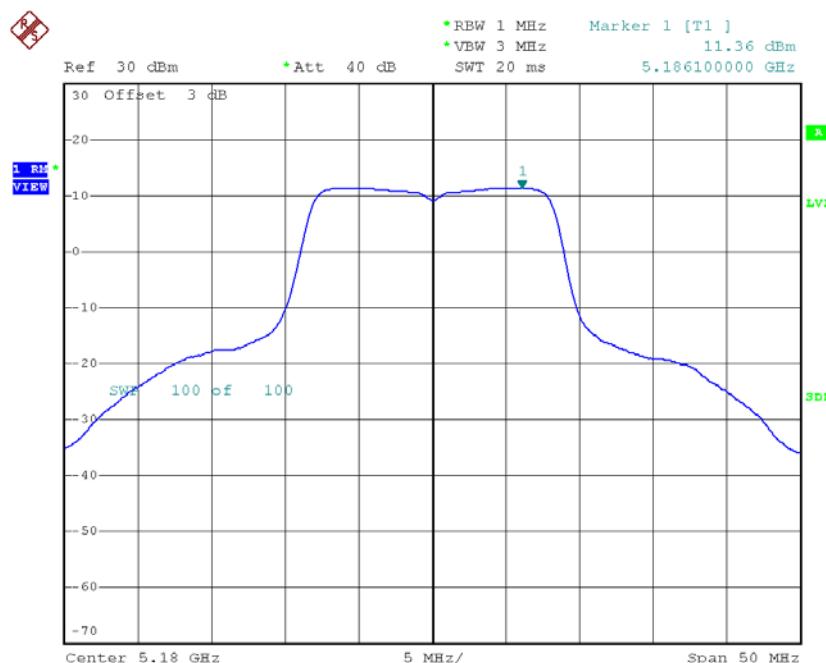
APPENDIX G - POWER SPECTRAL DENSITY

Non Beamforming

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

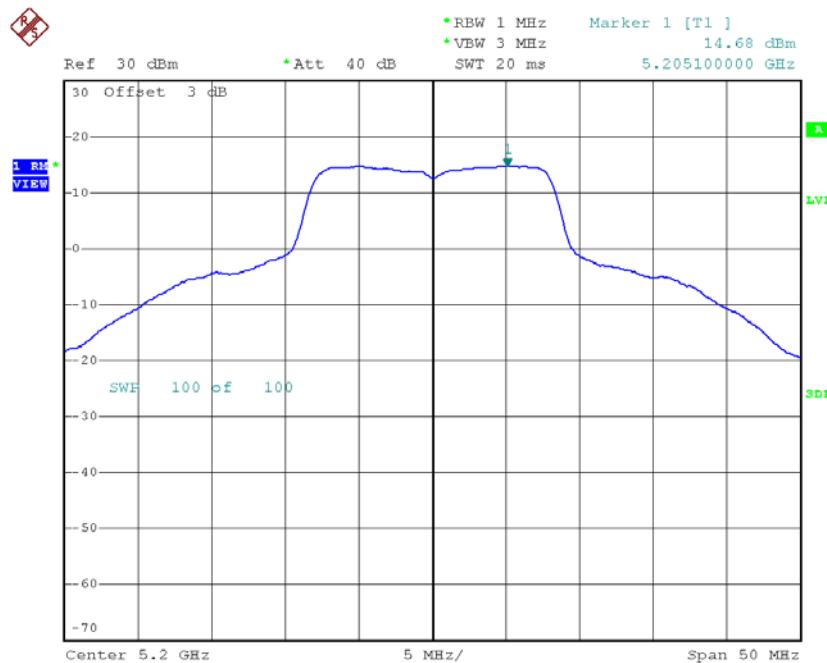
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.36	0.00	11.36	17.00
CH40	5200	14.68	0.00	14.68	17.00
CH48	5240	14.41	0.00	14.41	17.00

CH36



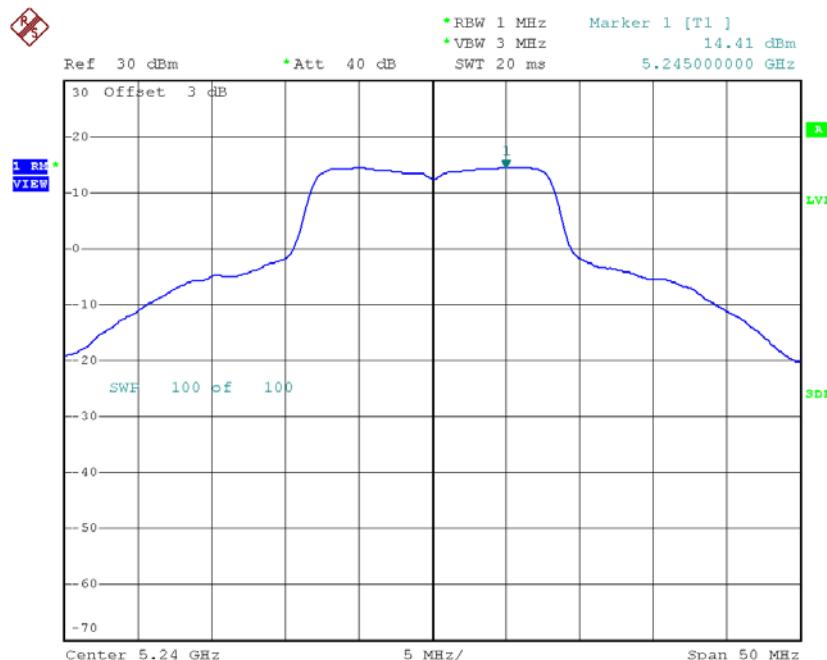
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CH40



Date: 14.APR.2018 18:45:52

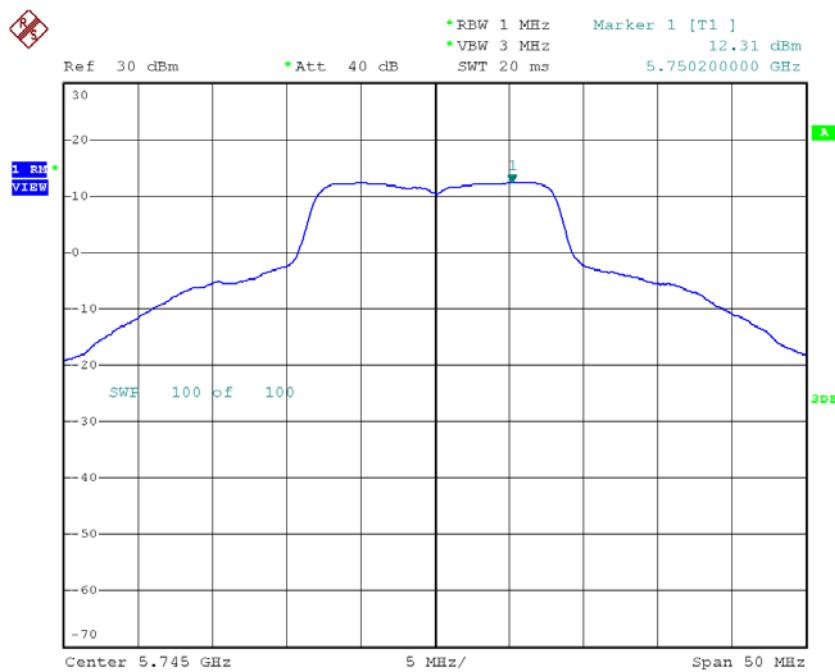
CH48



Date: 14.APR.2018 18:46:29

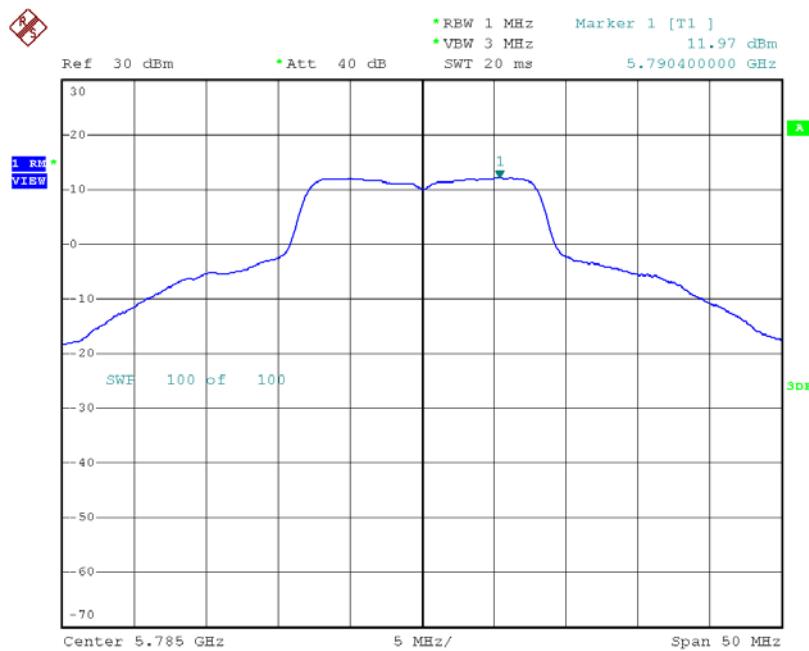
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	12.31	0.00	12.31	30.00
CH157	5785	11.97	0.00	11.97	30.00
CH165	5825	11.59	0.00	11.59	30.00

TX CH149

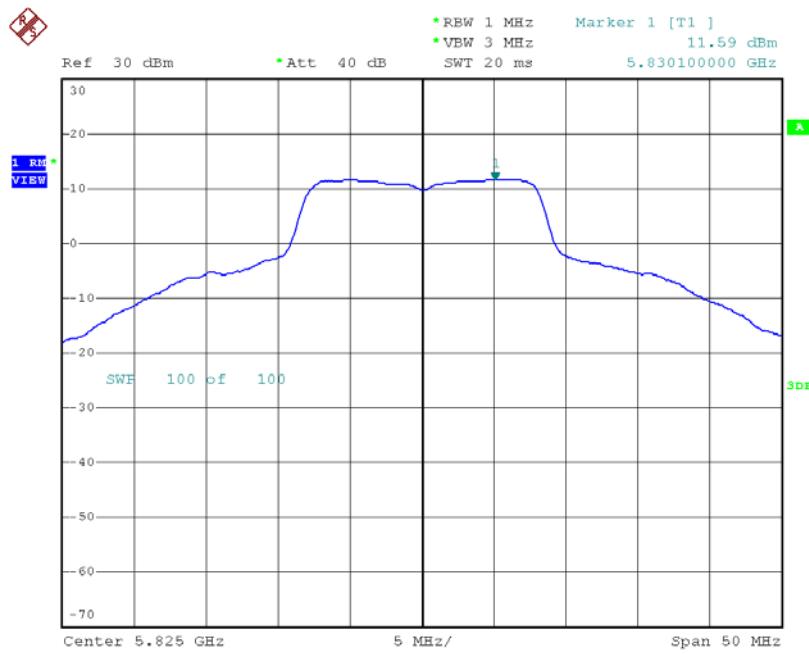
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TX CH157



Date: 14.APR.2018 18:48:52

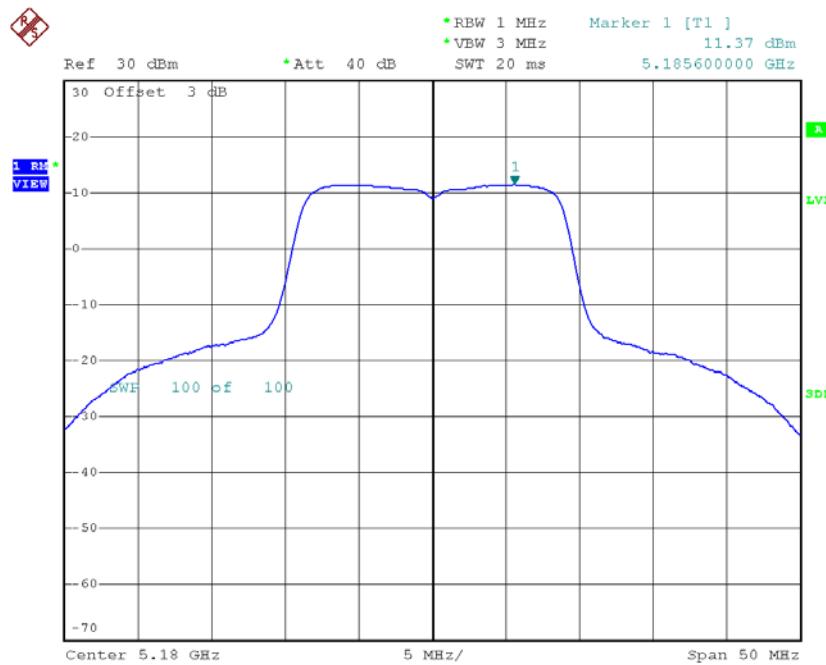
TX CH165



Date: 14.APR.2018 18:54:29

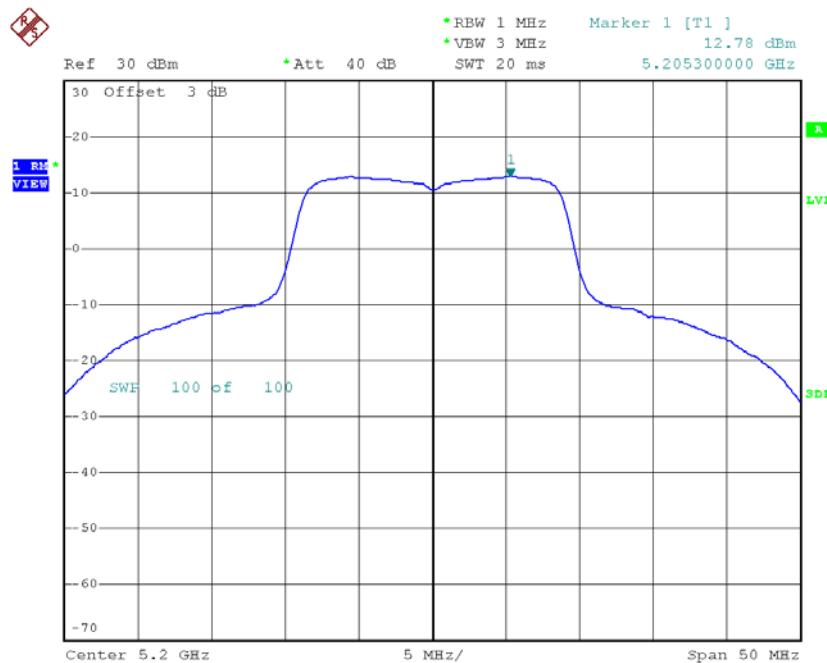
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Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.37	0.00	11.37	16.99
CH40	5200	12.78	0.00	12.78	16.99
CH48	5240	12.32	0.00	12.32	16.99

CH36

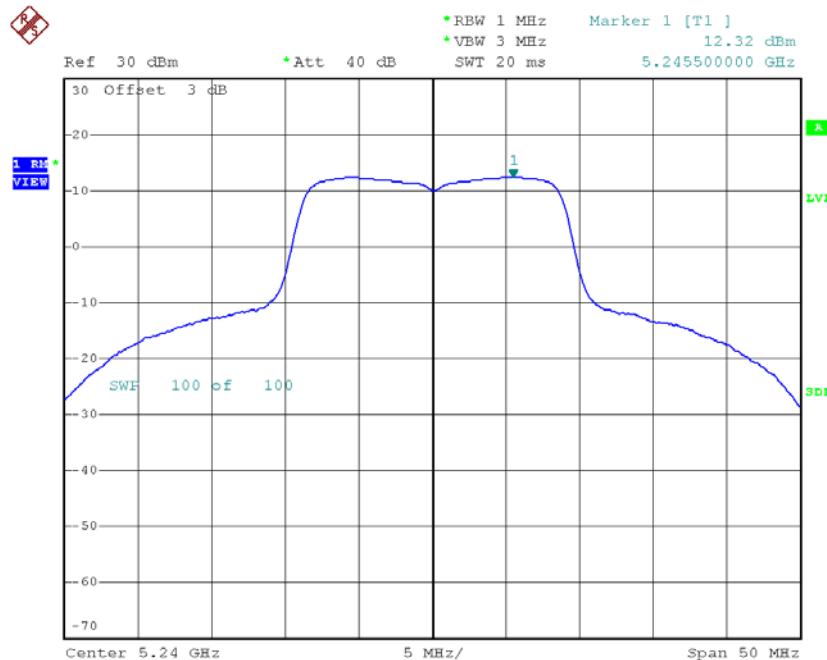
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CH40



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CH48

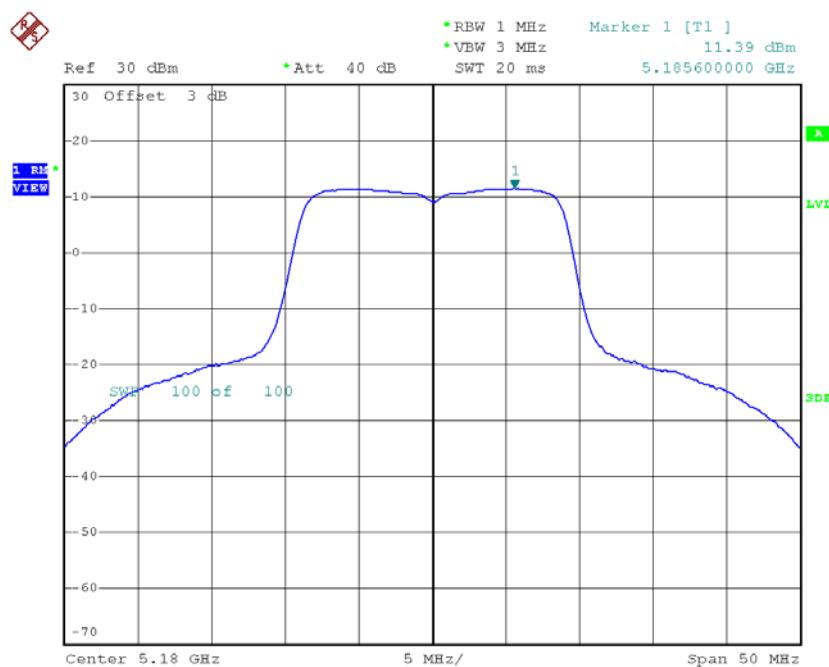


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Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 2

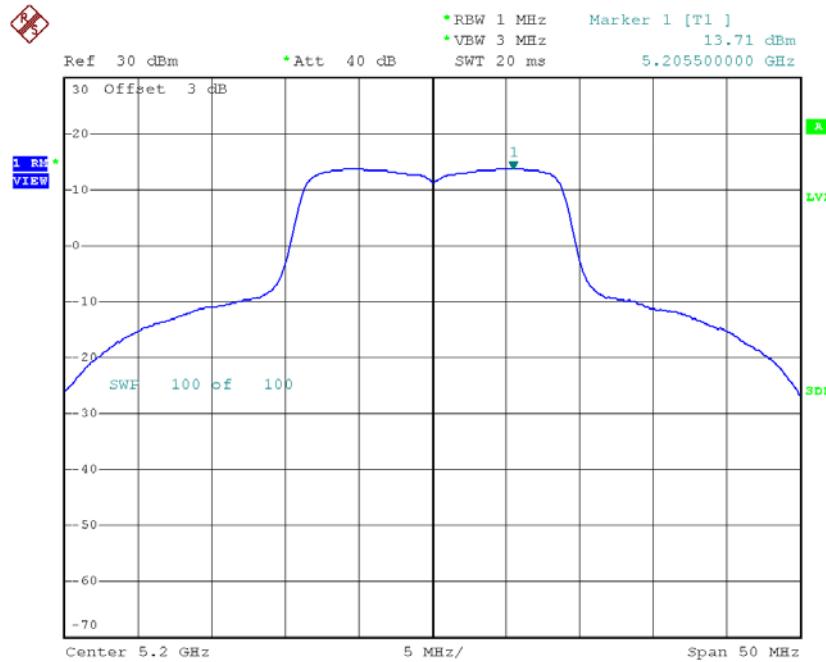
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.39	0.00	11.39	16.99
CH40	5200	13.71	0.00	13.71	16.99
CH48	5240	13.29	0.00	13.29	16.99

CH36



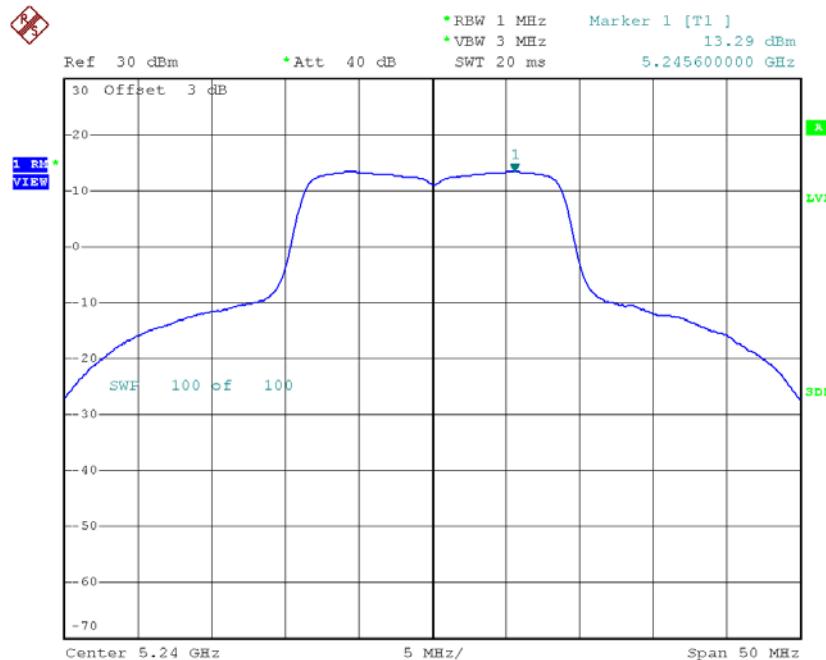
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CH40



Date: 14.APR.2018 19:22:39

CH48



Date: 14.APR.2018 19:23:09

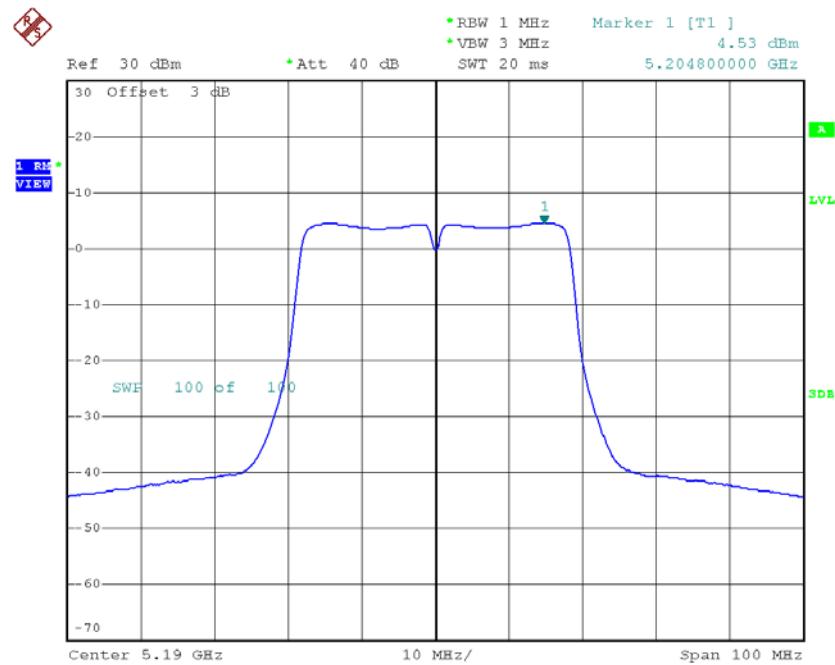
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	14.39	16.99
CH40	5200	16.28	16.99
CH48	5240	15.84	16.99

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 1

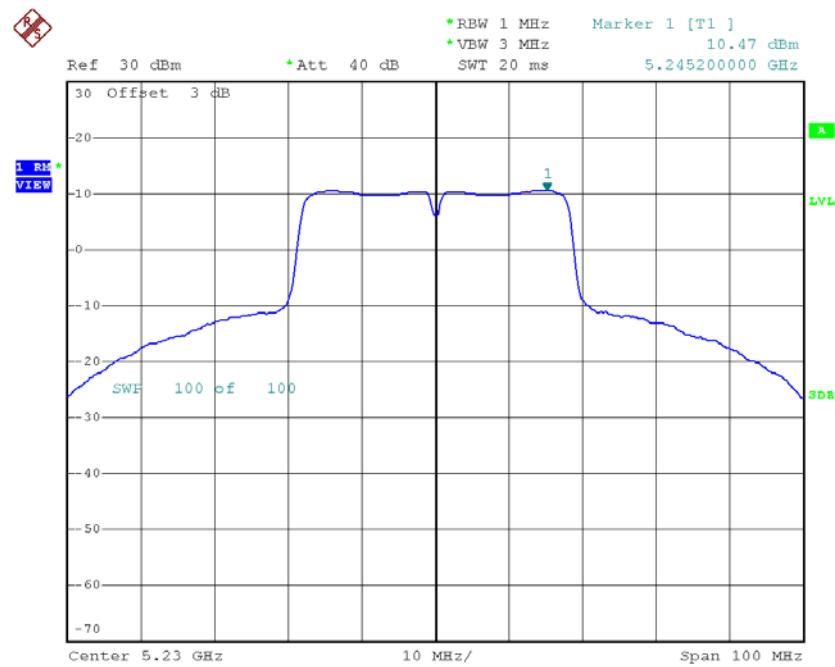
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.53	0.00	4.53	16.99
CH46	5230	10.47	0.00	10.47	16.99

CH38



Date: 14.APR.2018 19:59:03

CH46

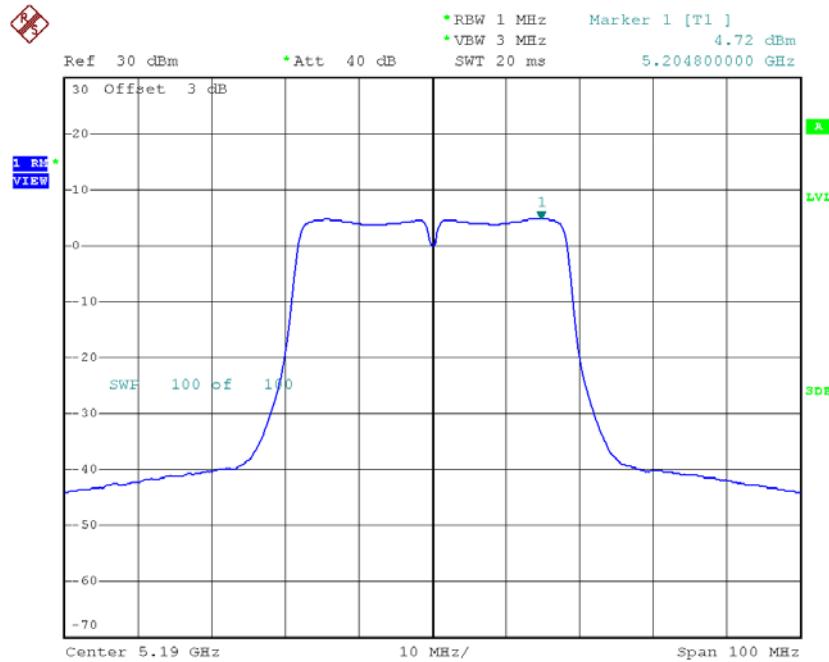


Date: 14.APR.2018 19:59:40

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 2

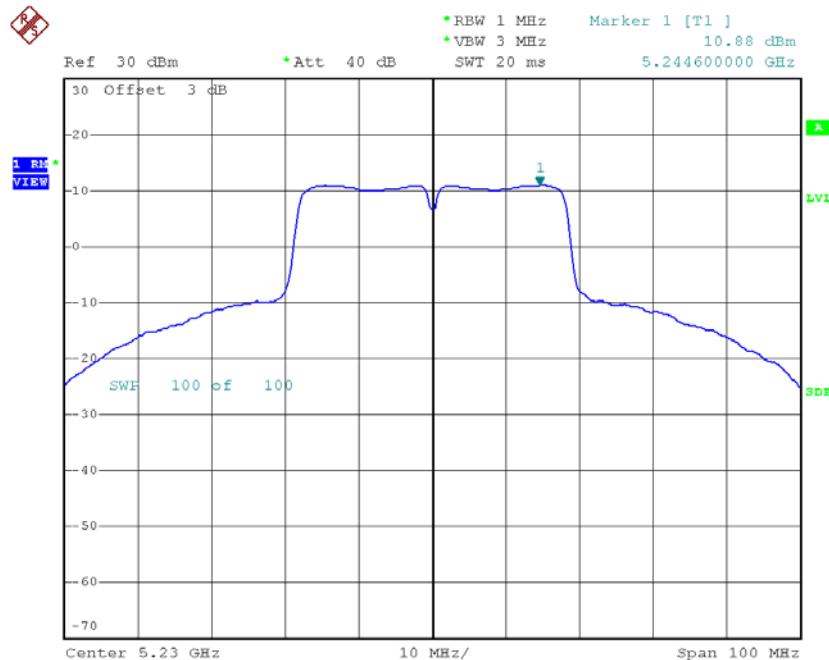
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.72	0.00	4.72	16.99
CH46	5230	10.88	0.00	10.88	16.99

CH38



Date: 14.APR.2018 19:48:09

CH46



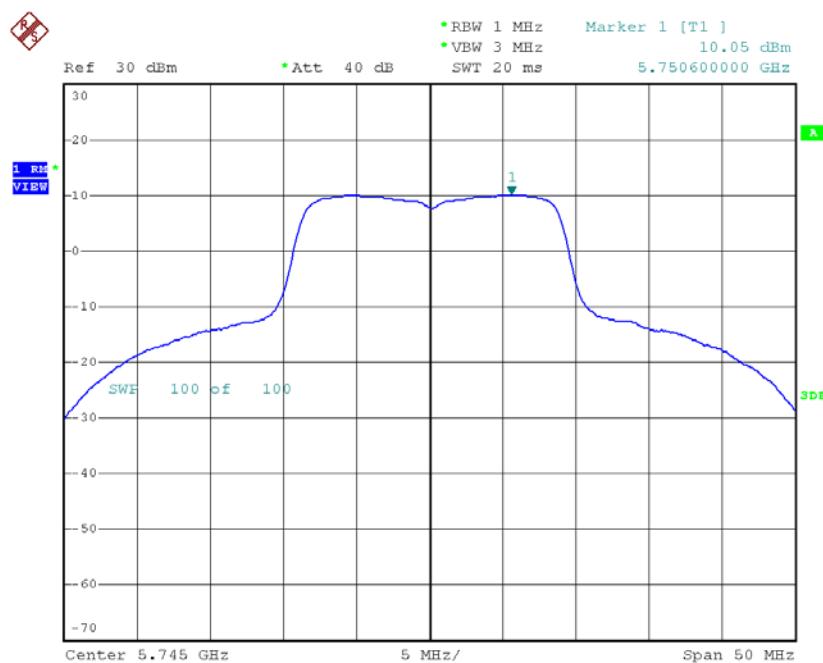
Date: 14.APR.2018 19:51:55

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	7.64	16.99
CH46	5230	13.69	16.99

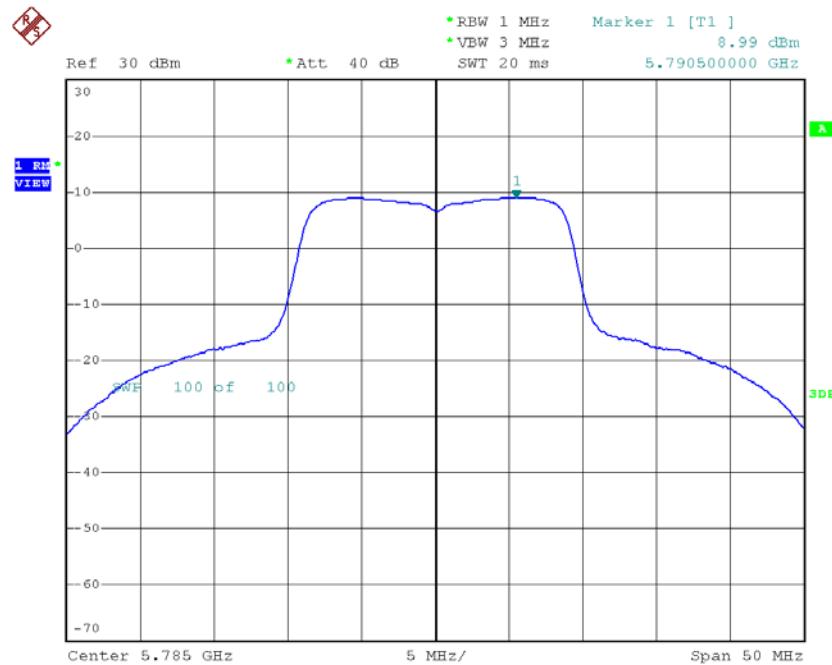
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.05	0.00	10.05	29.99
CH157	5785	8.99	0.00	8.99	29.99
CH165	5825	10.00	0.00	10.00	29.99

TX CH149

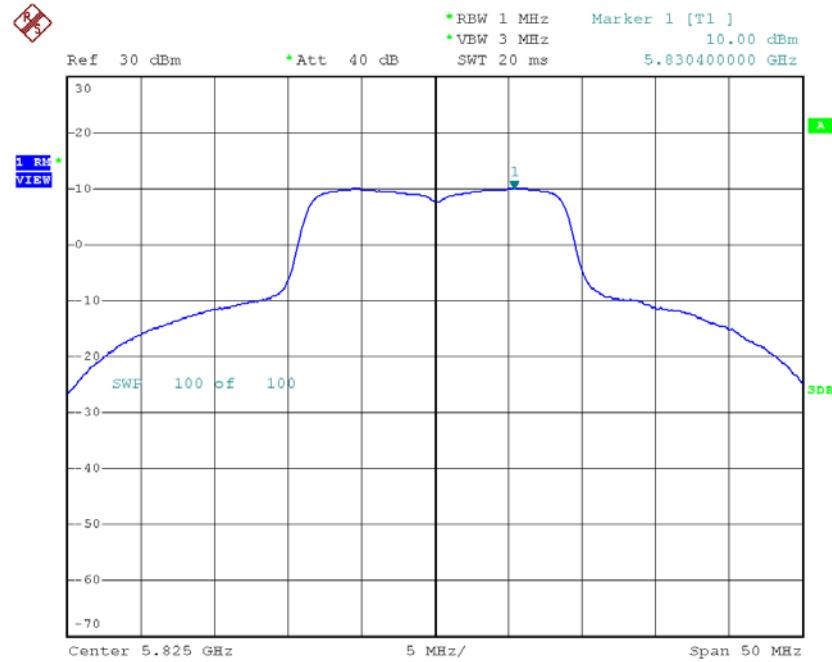
Date: 14.APR.2018 19:30:31

TX CH157



Date: 14.APR.2018 19:31:35

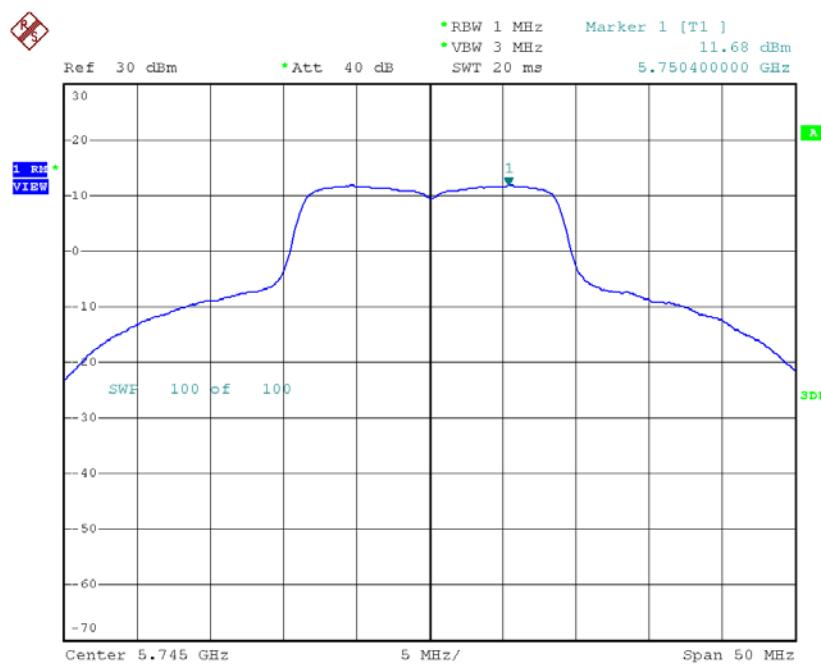
TX CH165



Date: 14.APR.2018 19:32:26

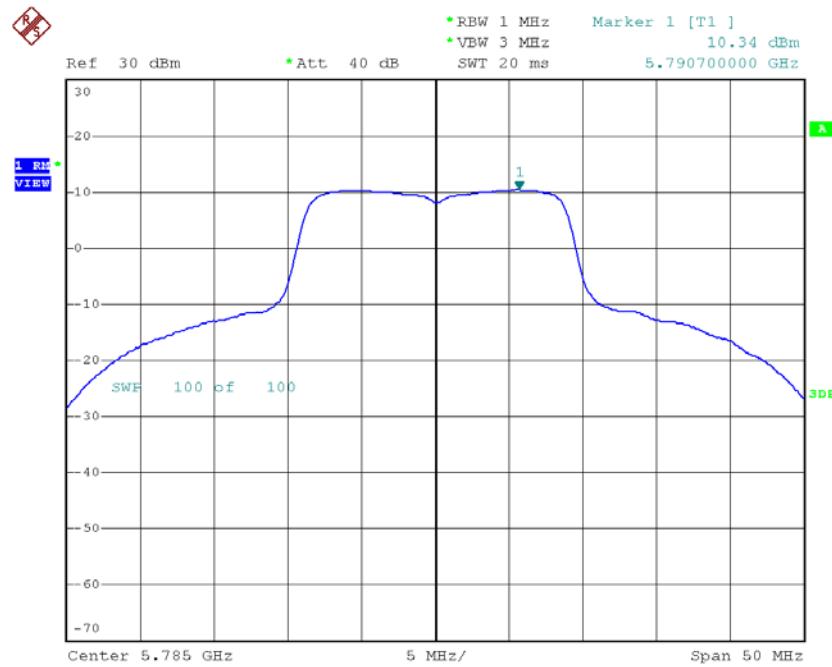
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	11.68	0.00	11.68	29.99
CH157	5785	10.34	0.00	10.34	29.99
CH165	5825	10.86	0.00	10.86	29.99

TX CH149


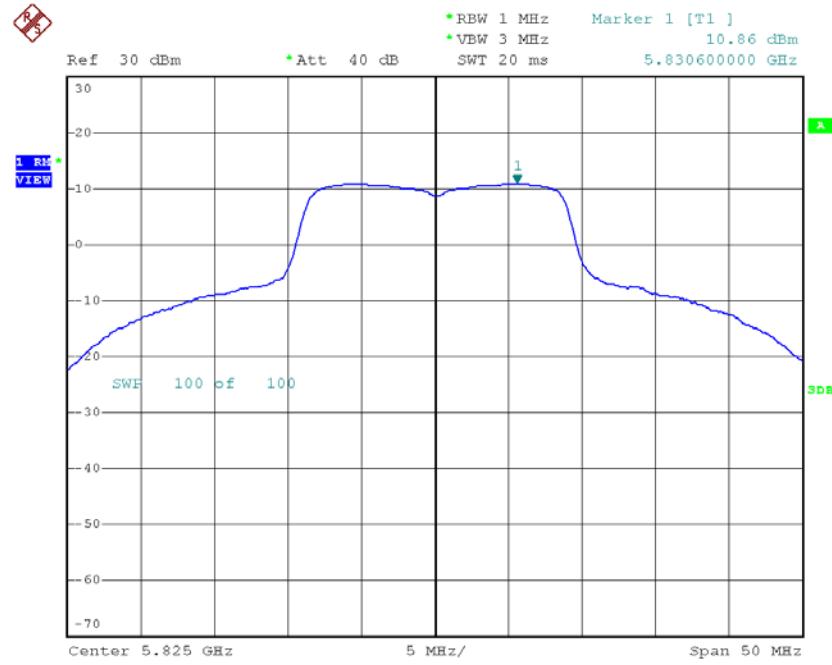
Date: 14.APR.2018 19:27:01

TX CH157



Date: 14.APR.2018 19:28:02

TX CH165



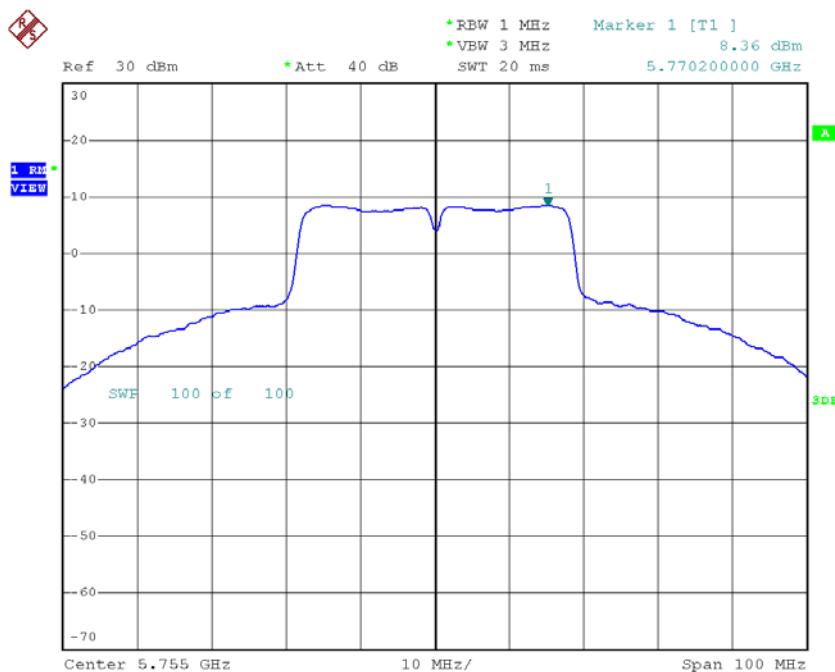
Date: 14.APR.2018 19:29:05

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

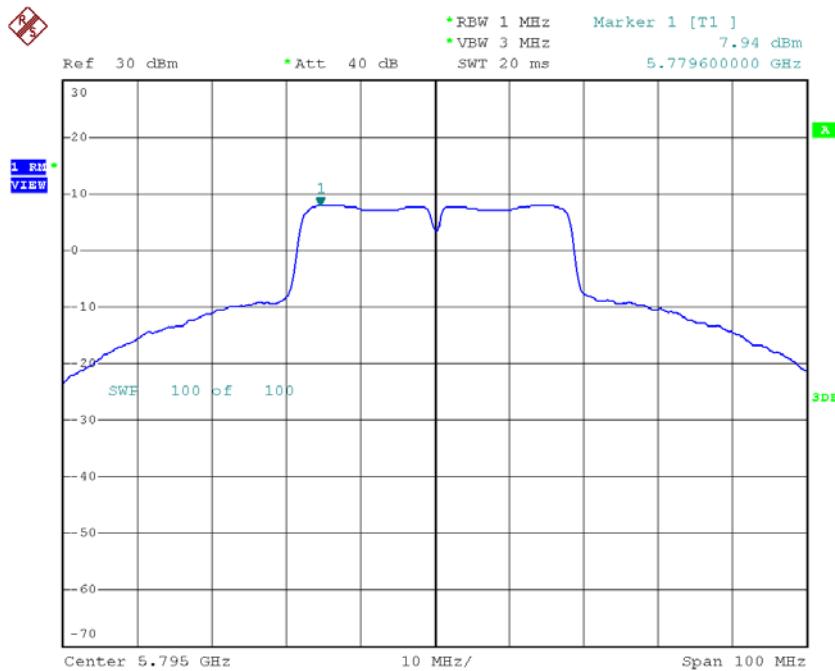
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	13.95	29.99
CH157	5785	12.73	29.99
CH165	5825	13.46	29.99

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	8.36	0.00	8.36	29.99
CH159	5795	7.94	0.00	7.94	29.99

TX CH151

Date: 14.APR.2018 20:01:35

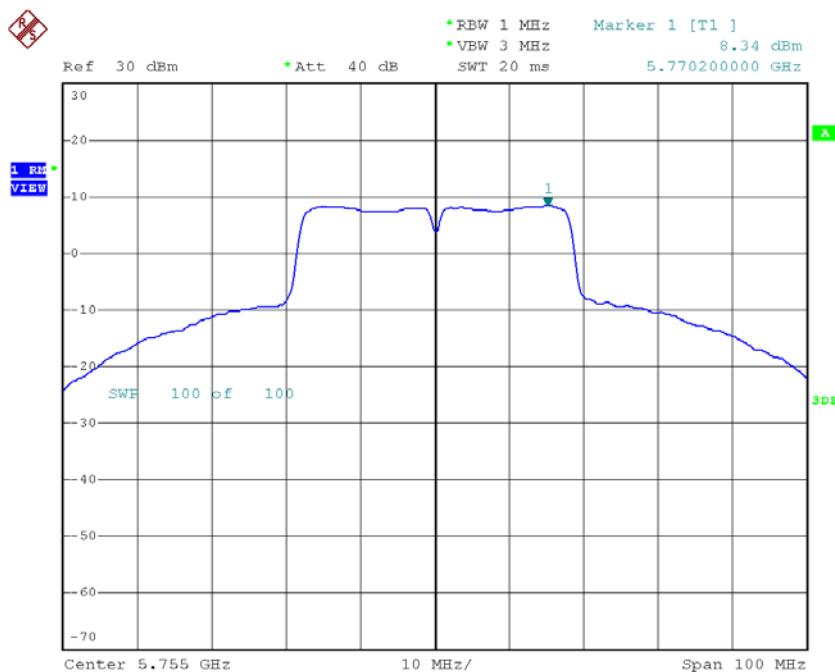
TX CH159

Date: 14.APR.2018 20:02:59

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 2

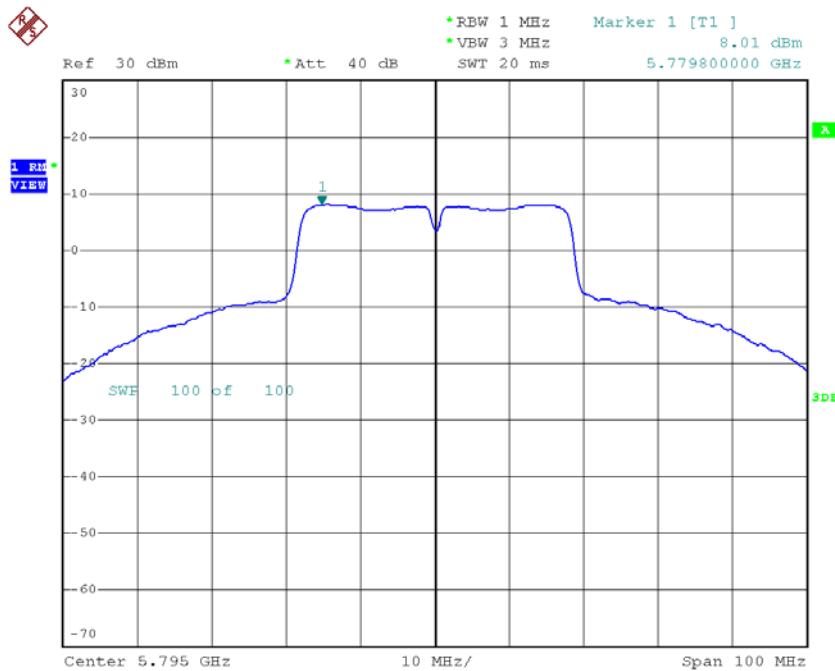
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	8.34	0.00	8.34	29.99
CH159	5795	8.01	0.00	8.01	29.99

TX CH151



Date: 14.APR.2018 19:56:45

TX CH159



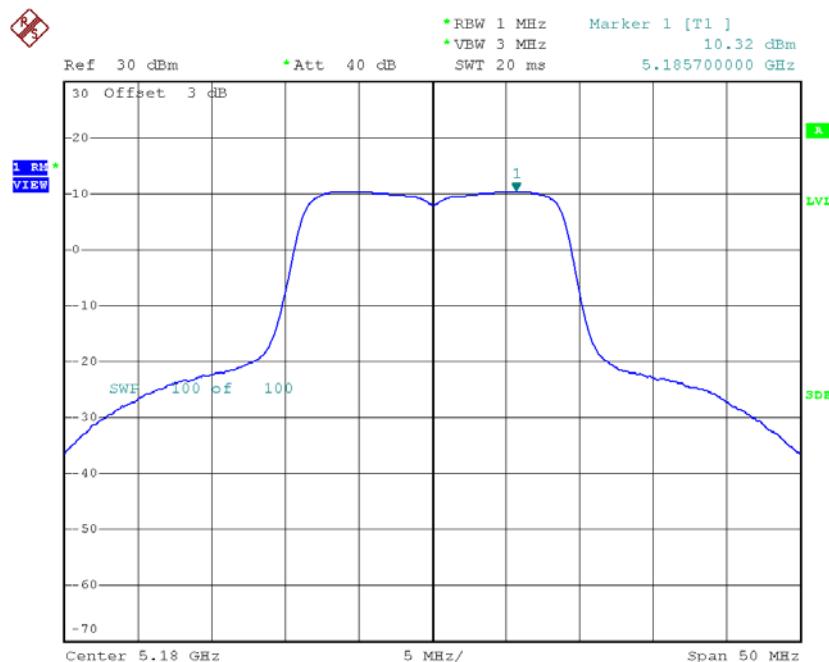
Date: 14.APR.2018 19:57:43

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	11.36	29.99
CH159	5795	10.99	29.99

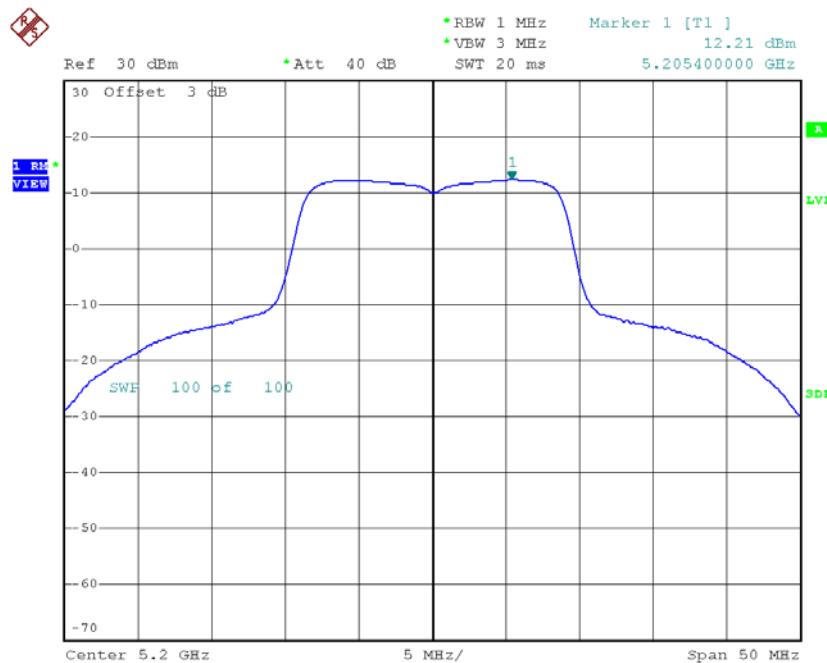
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.32	0.00	10.32	16.99
CH40	5200	12.21	0.00	12.21	16.99
CH48	5240	11.74	0.00	11.74	16.99

CH36

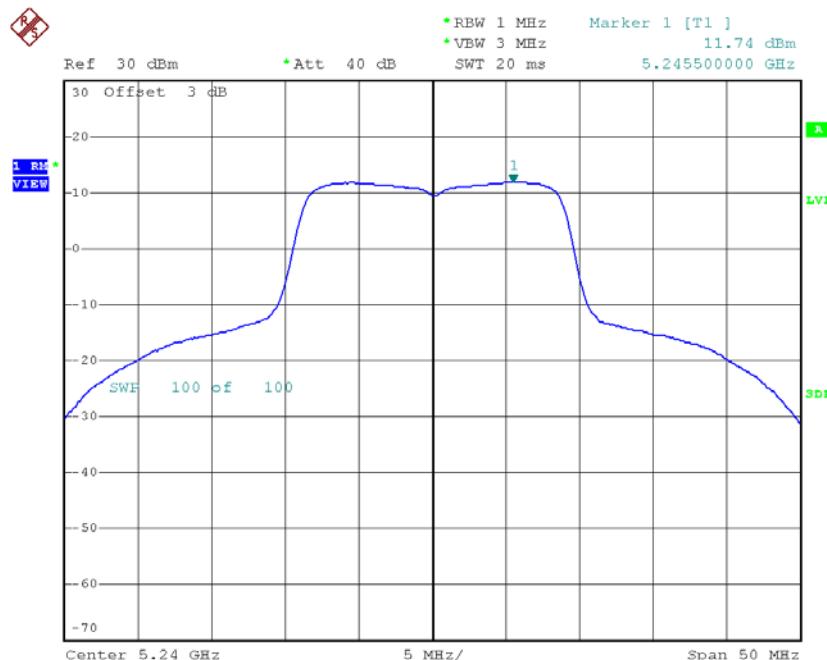
Date: 14.APR.2018 19:34:36

CH40



Date: 14.APR.2018 19:35:12

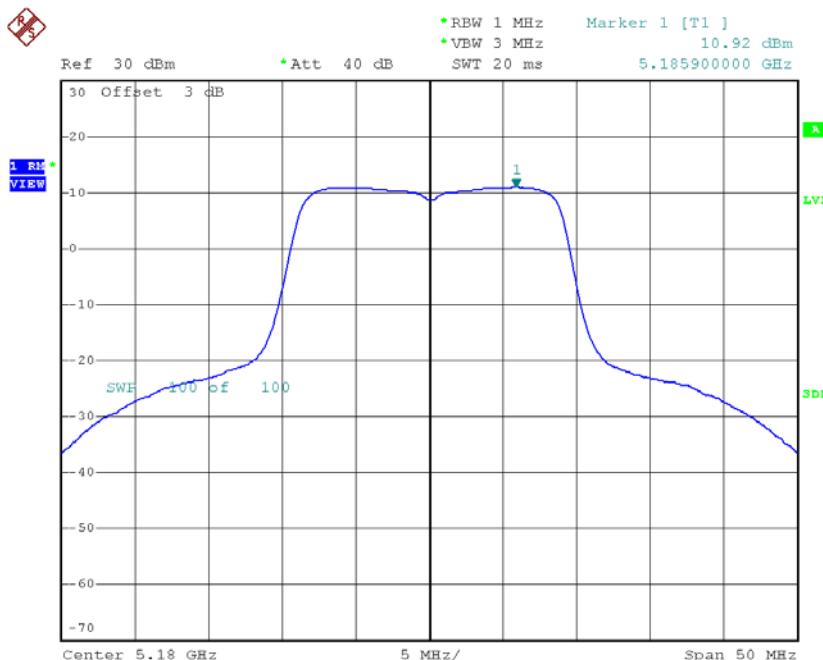
CH48



Date: 14.APR.2018 19:35:47

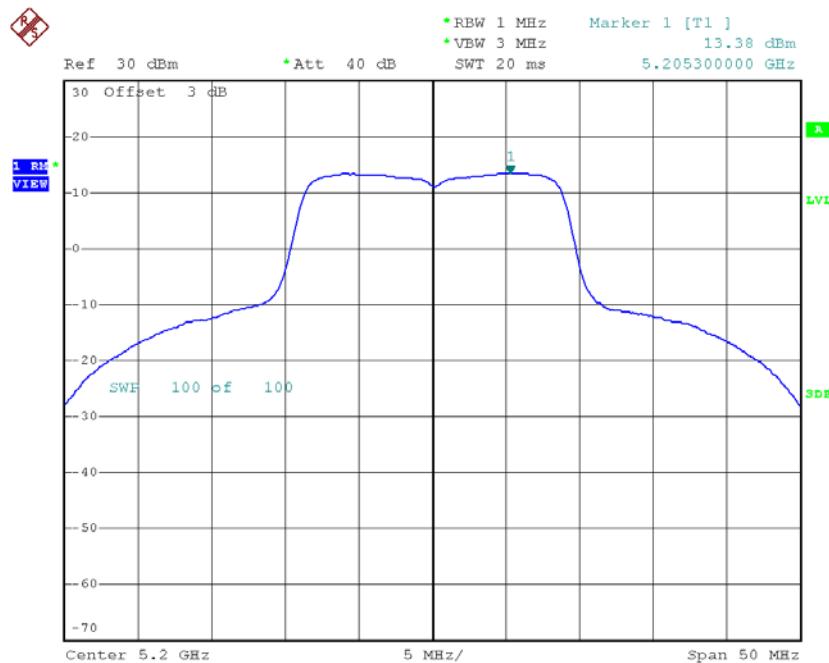
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.92	0.00	10.92	16.99
CH40	5200	13.38	0.00	13.38	16.99
CH48	5240	13.04	0.00	13.04	16.99

CH36

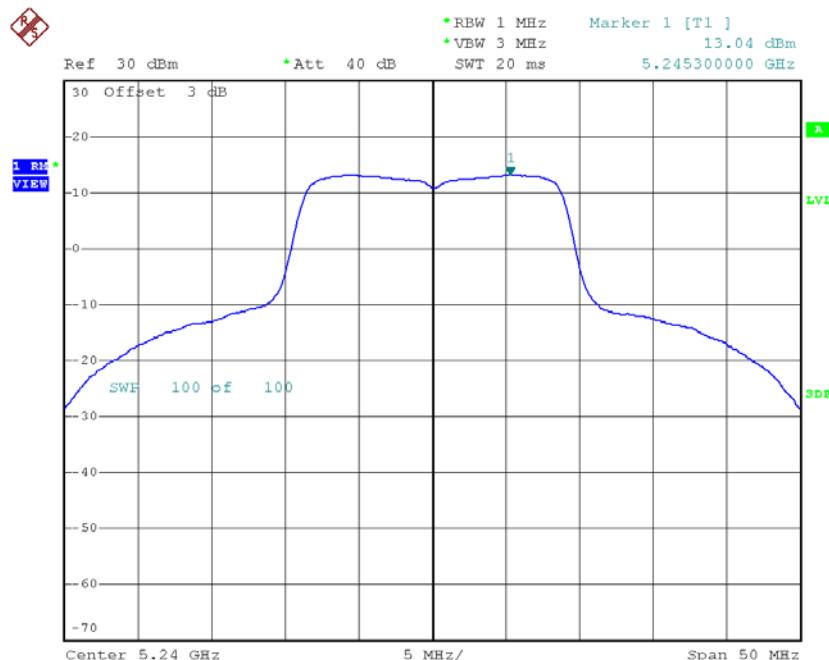
Date: 14.APR.2018 19:39:53

CH40



Date: 14.APR.2018 19:40:47

CH48



Date: 14.APR.2018 19:41:22

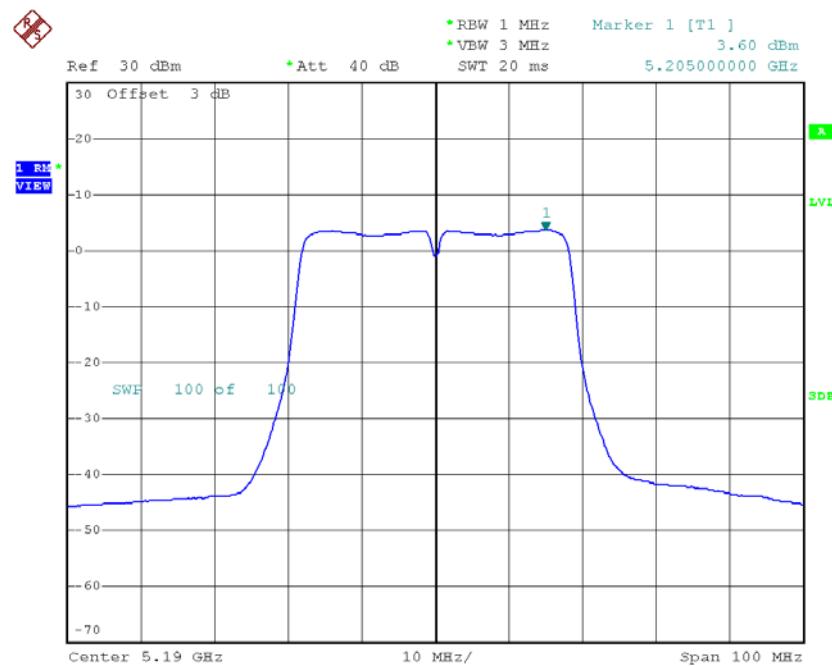
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	13.64	16.99
CH40	5200	15.84	16.99
CH48	5240	15.45	16.99

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 1

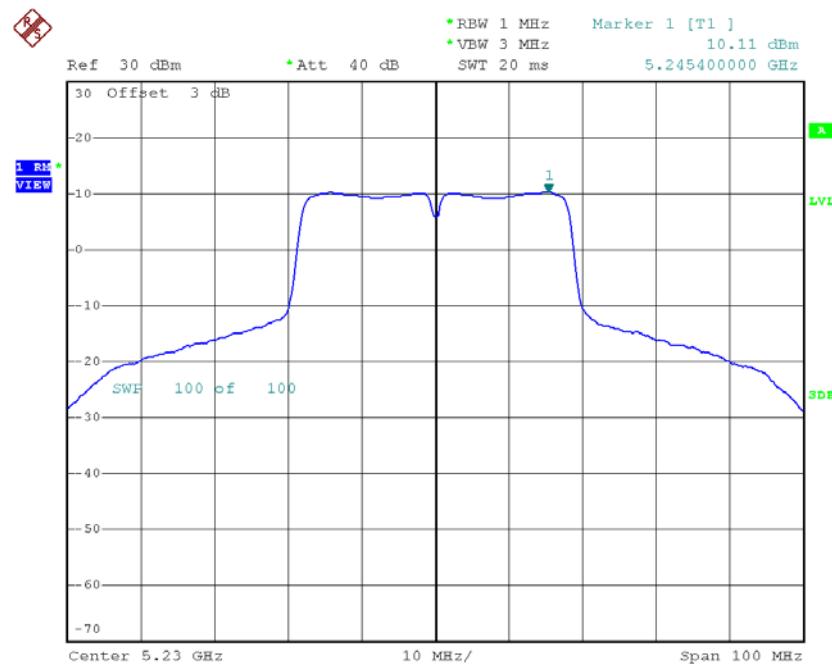
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	3.60	0.00	3.60	16.99
CH46	5230	10.11	0.00	10.11	16.99

CH38



Date: 14.APR.2018 20:07:18

CH46

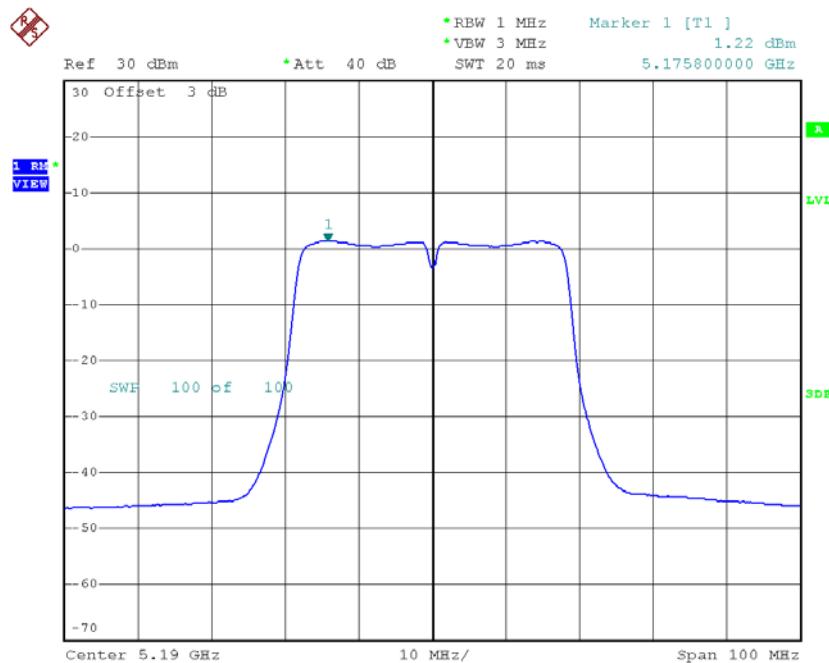


Date: 14.APR.2018 20:08:22

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	1.22	0.00	1.22	16.99
CH46	5230	8.53	0.00	8.53	16.99

CH38



Date: 14.APR.2018 20:11:48

CH46



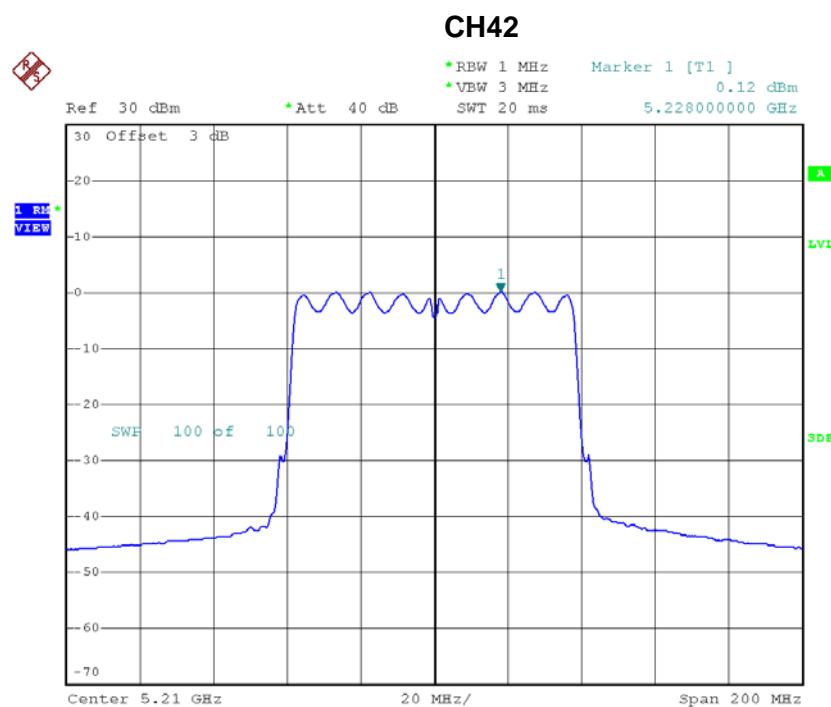
Date: 14.APR.2018 20:12:33

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	5.58	16.99
CH46	5230	12.40	16.99

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 1

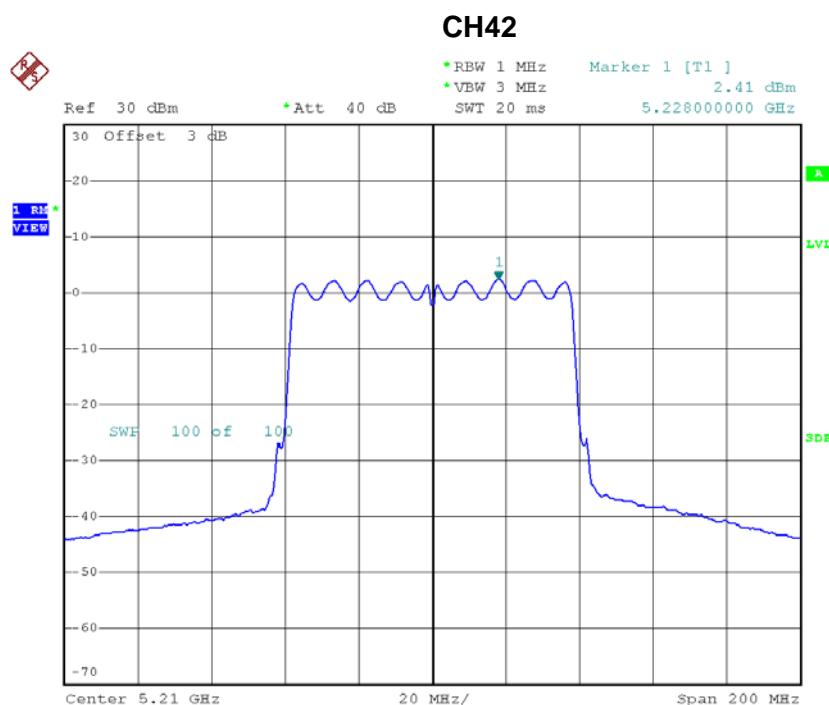
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	0.12	0.00	0.12	16.99



Date: 14.APR.2018 20:17:33

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	2.41	0.00	2.41	16.99



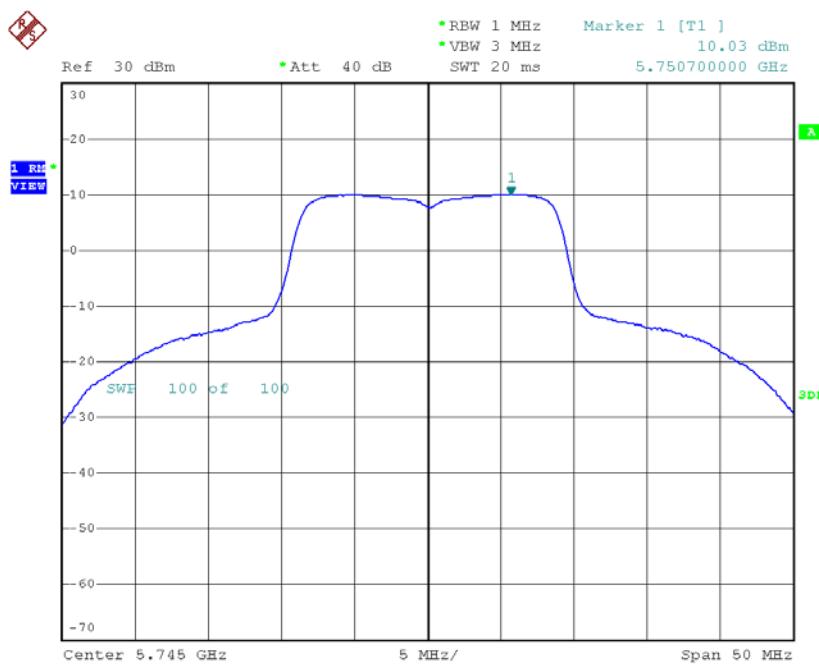
Date: 14.APR.2018 20:20:30

Test Mode: UNII-1/TX AC80 Mode_CH42_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	4.42	16.99

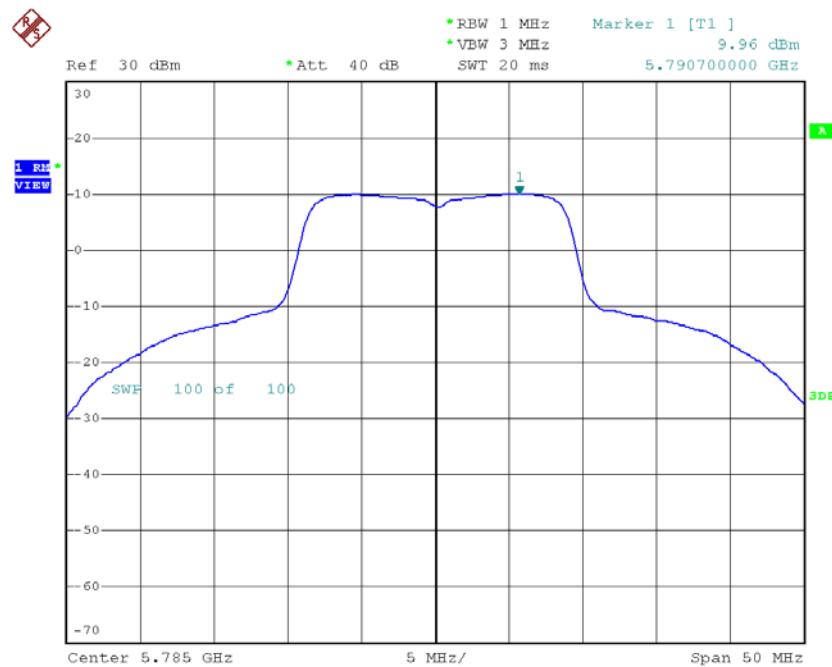
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.03	0.00	10.03	29.99
CH157	5785	9.96	0.00	9.96	29.99
CH165	5825	9.84	0.00	9.84	29.99

TX CH149

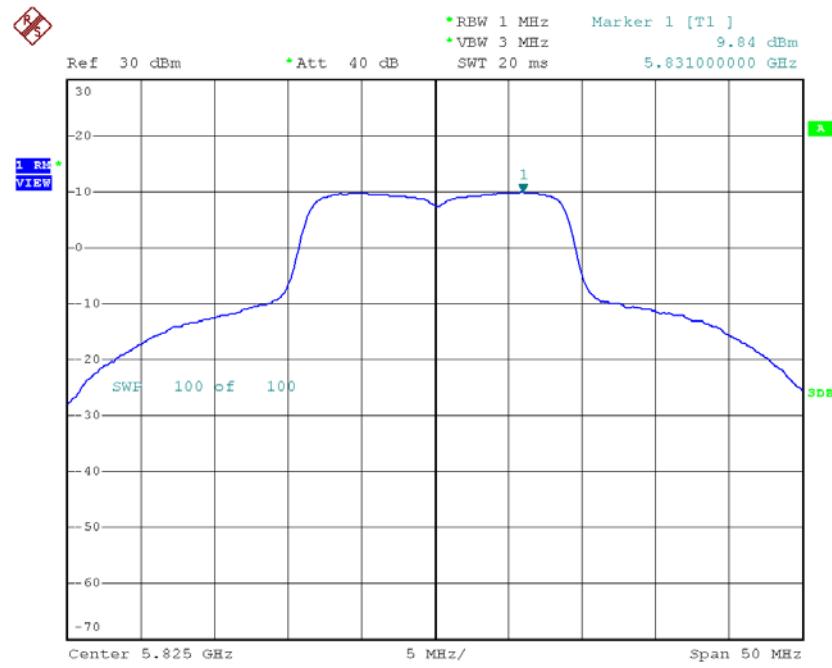
Date: 14.APR.2018 19:36:38

TX CH157



Date: 14.APR.2018 19:37:28

TX CH165



Date: 14.APR.2018 19:38:28