TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

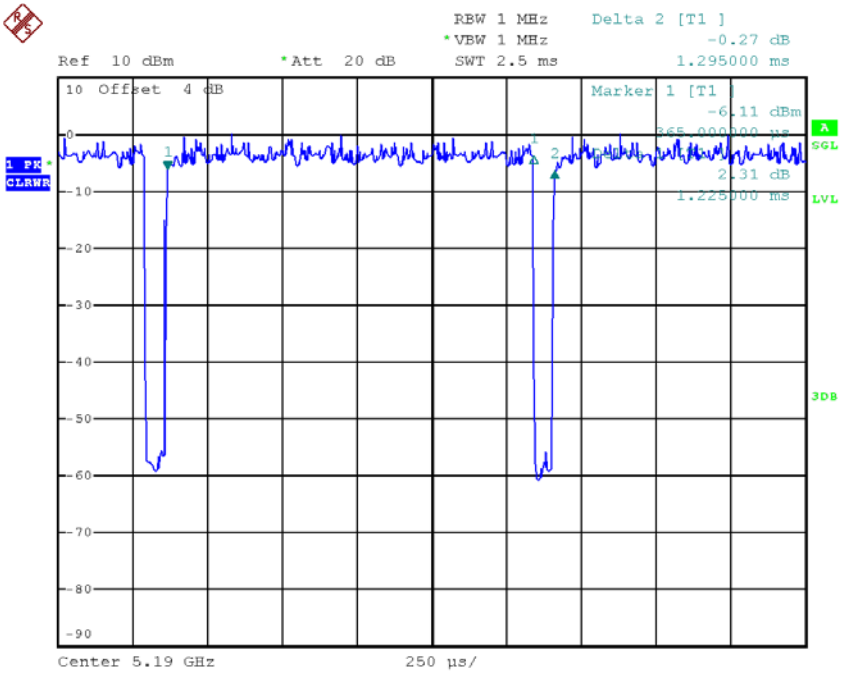
T_{ON}: 1.22 msec

T_{Total}: 1.30 msec

Duty cycle: 93.85%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.28



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

TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

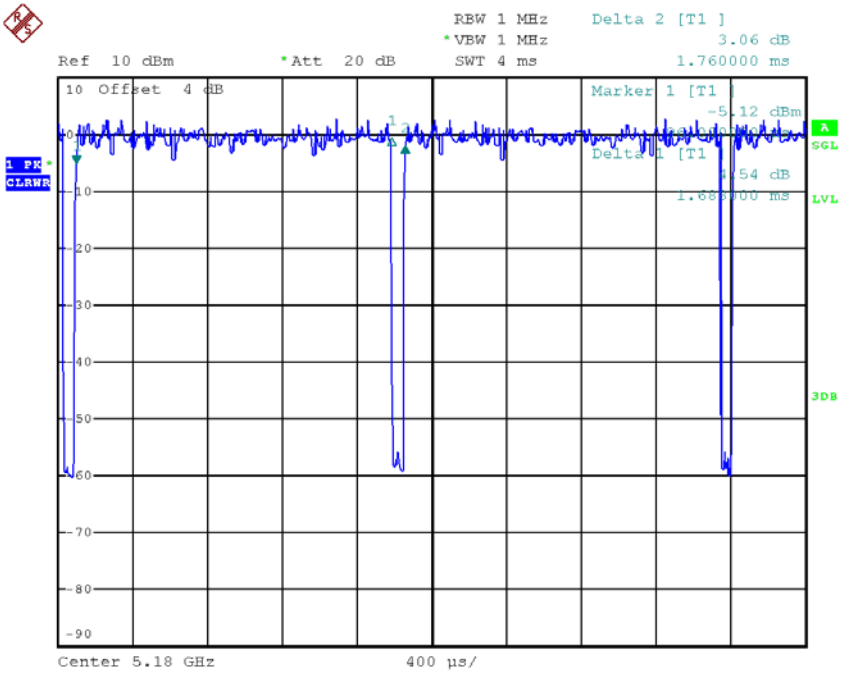
T_{ON}: 1.69 msec

T_{Total}: 1.76 msec

Duty cycle: 96.02%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.18



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

TX AC40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

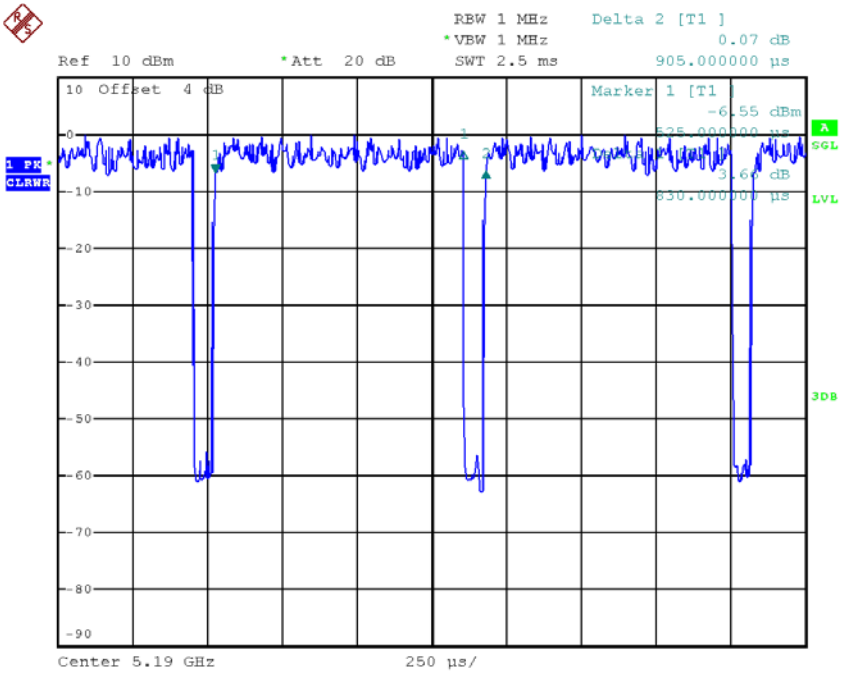
T_{ON}: 0.83 msec

T_{Total}: 0.90 msec

Duty cycle: 92.22%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.35



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

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

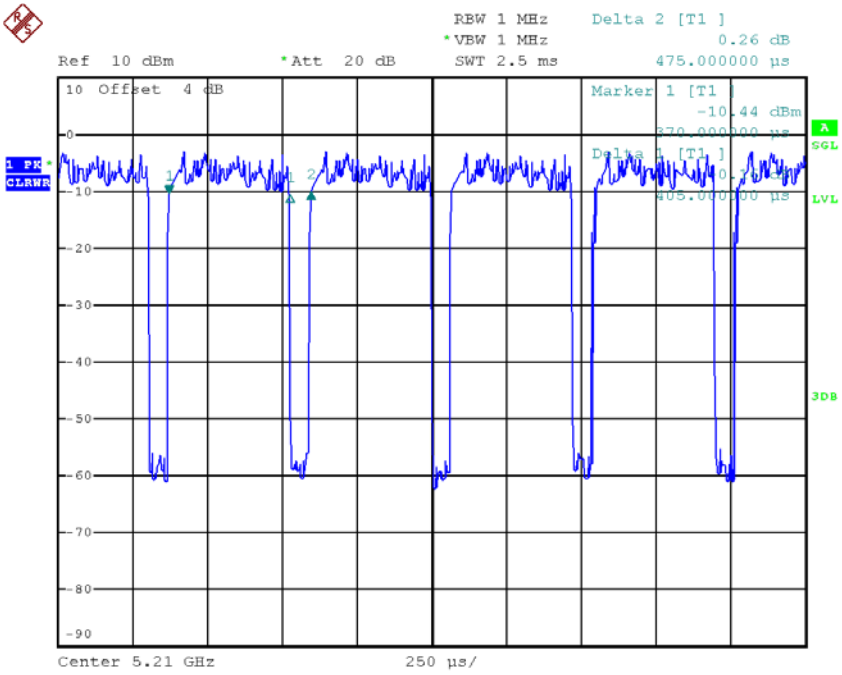
T_{ON}: 0.40 msec

T_{Total}: 0.48 msec

Duty cycle: 83.33%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.79



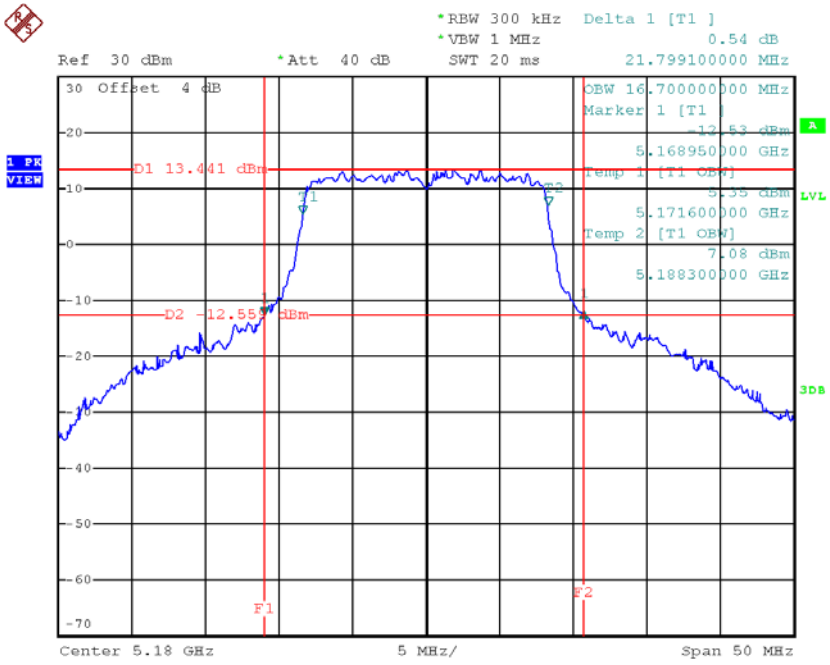
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

APPENDIX E - BANDWIDTH

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

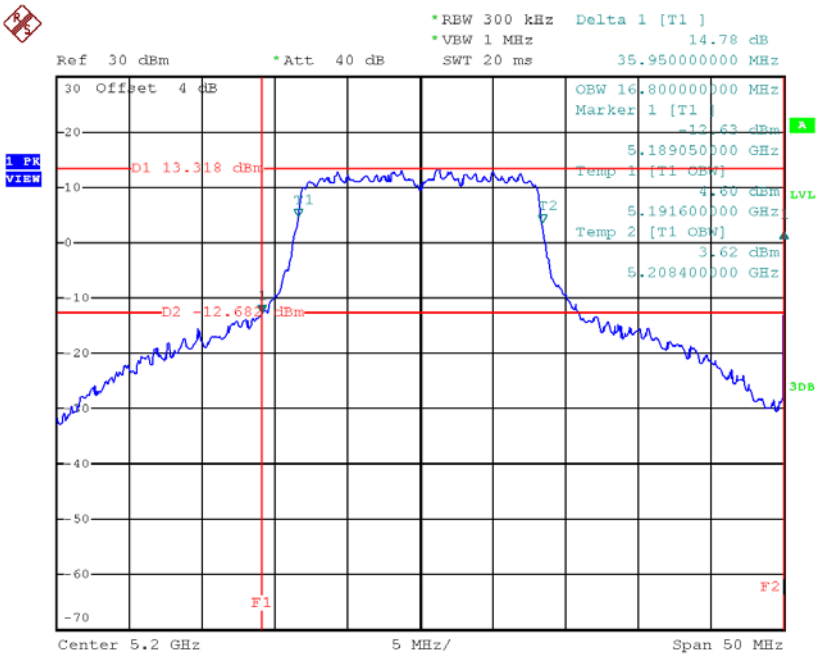
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.80	16.70
CH40	5200	35.95	16.80
CH48	5240	25.40	17.00

TX CH36



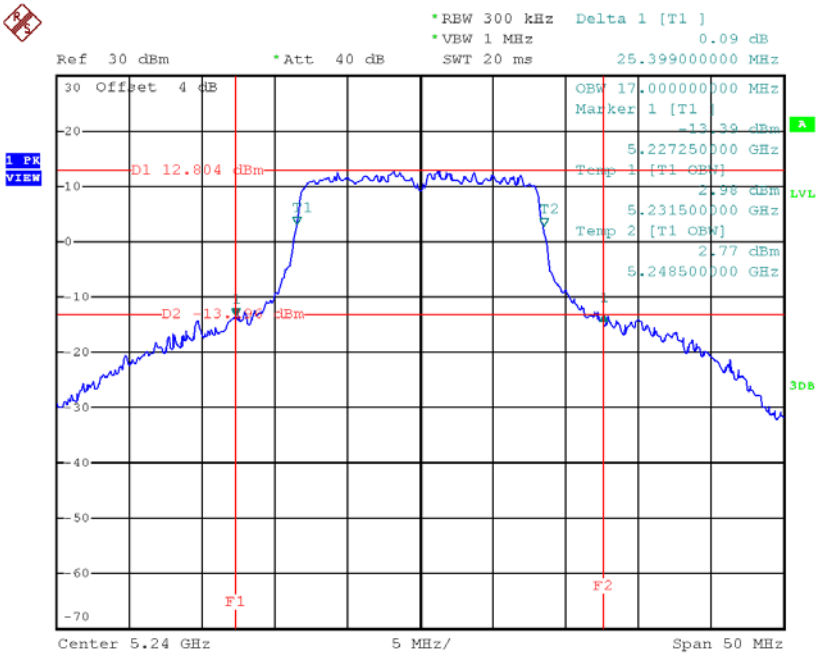
Date: 20.AUG.2017 11:32:02

TX CH40



Date: 20.AUG.2017 11:40:19

TX CH48

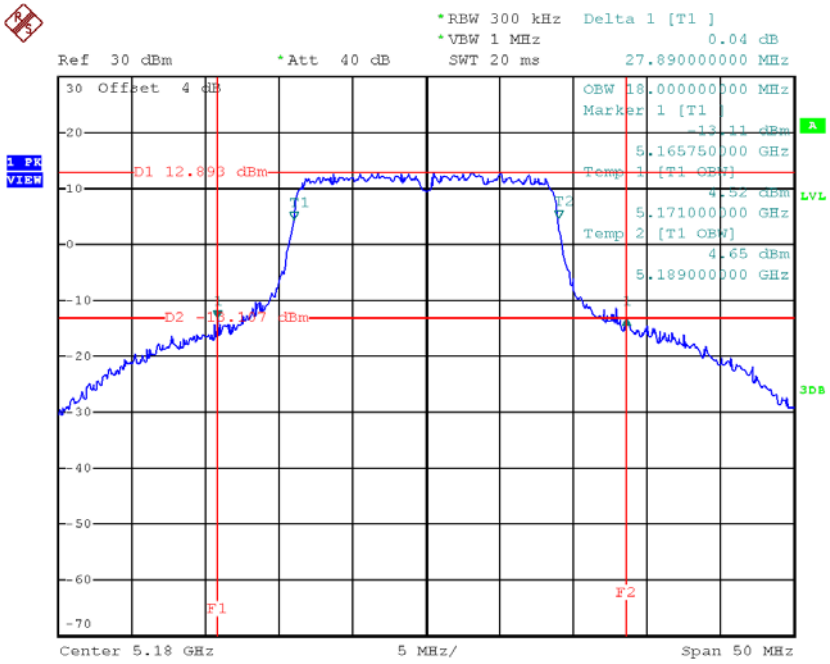


Date: 20.AUG.2017 11:39:31

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

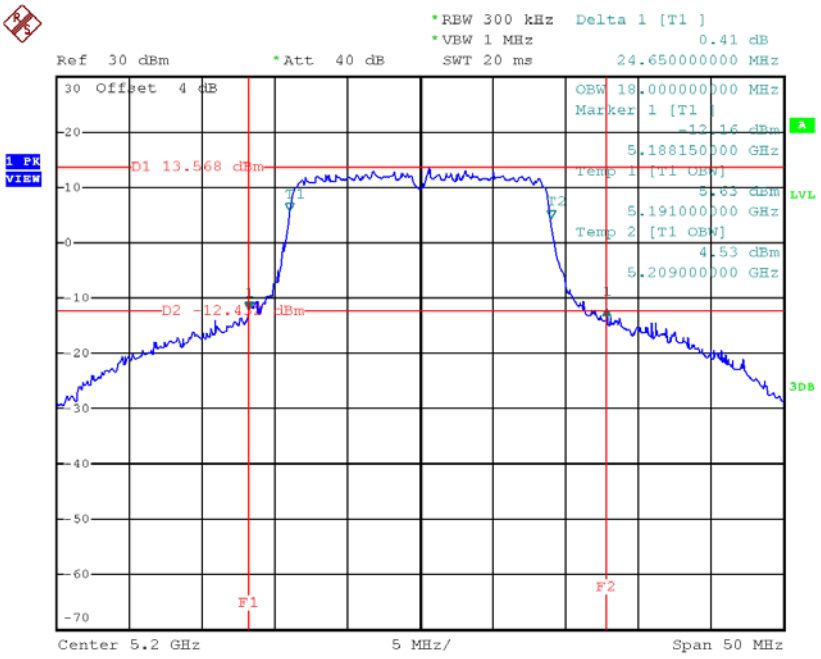
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	27.89	18.00
CH40	5200	24.65	18.00
CH48	5240	22.69	17.90

TX CH36



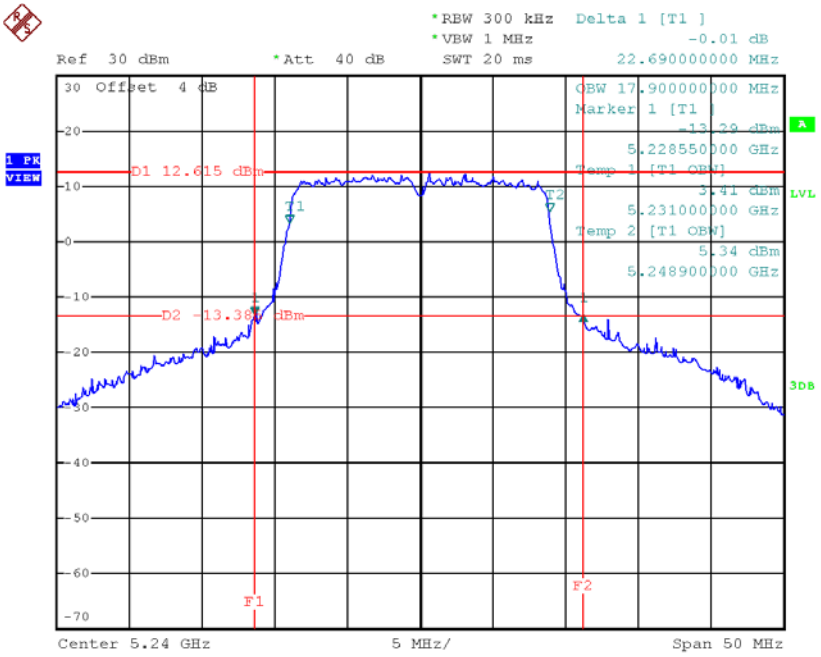
Date: 20.AUG.2017 13:06:47

TX CH40



Date: 20.AUG.2017 13:08:17

TX CH48

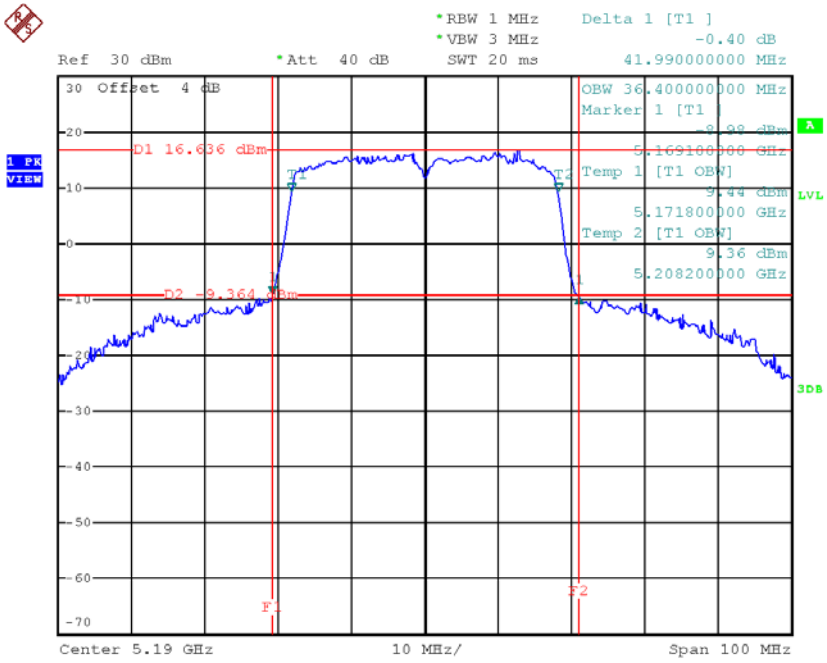


Date: 20.AUG.2017 13:10:31

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

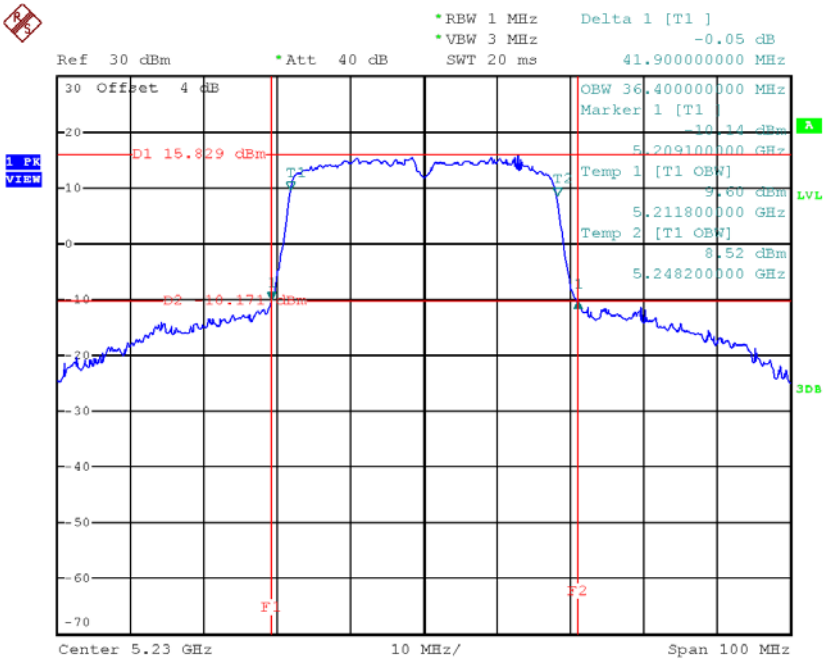
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	41.99	36.40
CH46	5230	41.90	36.40

TX CH38



Date: 20.AUG.2017 13:44:05

TX CH46

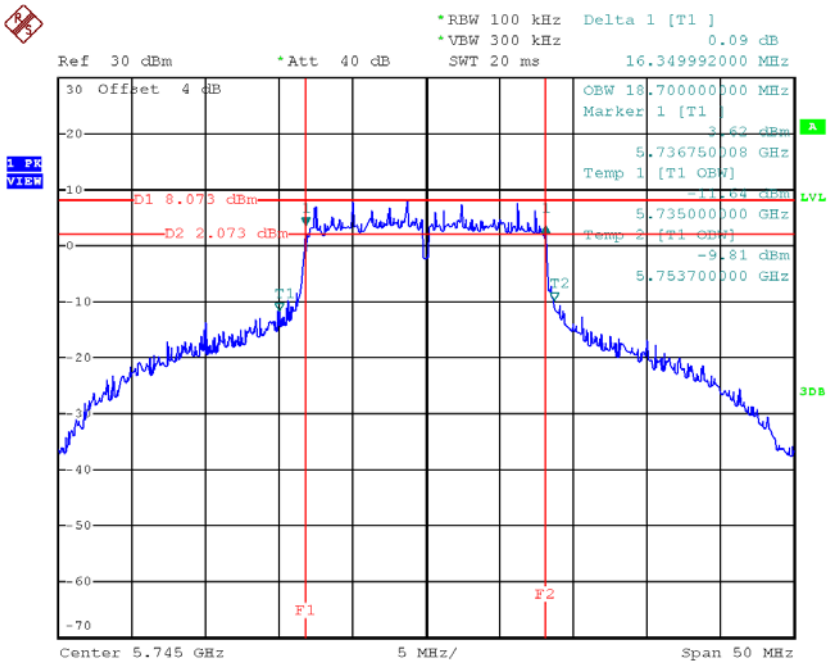


Date: 20.AUG.2017 13:45:37

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

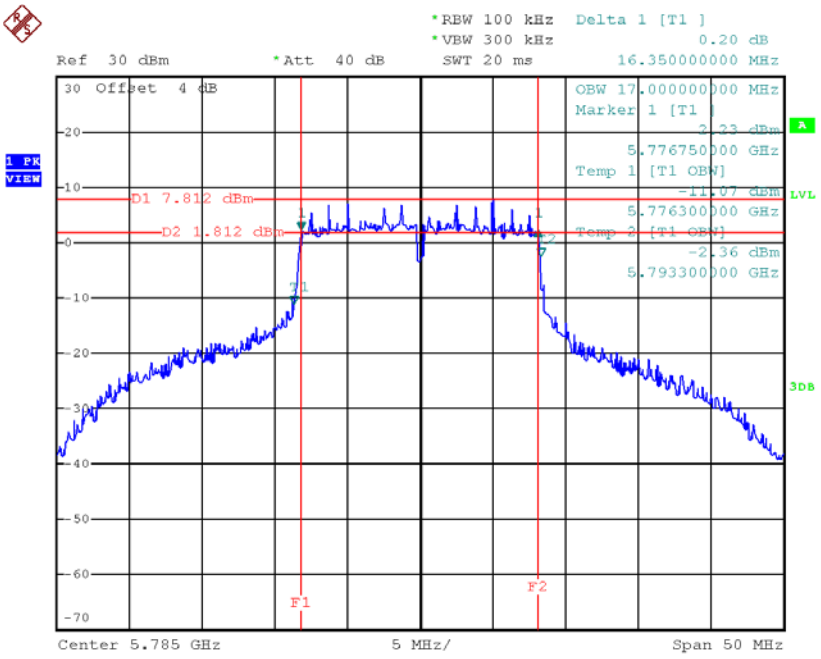
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.35	18.70	>=500
CH157	5785	16.35	17.00	>=500
CH165	5825	16.35	16.90	>=500

TX CH 149



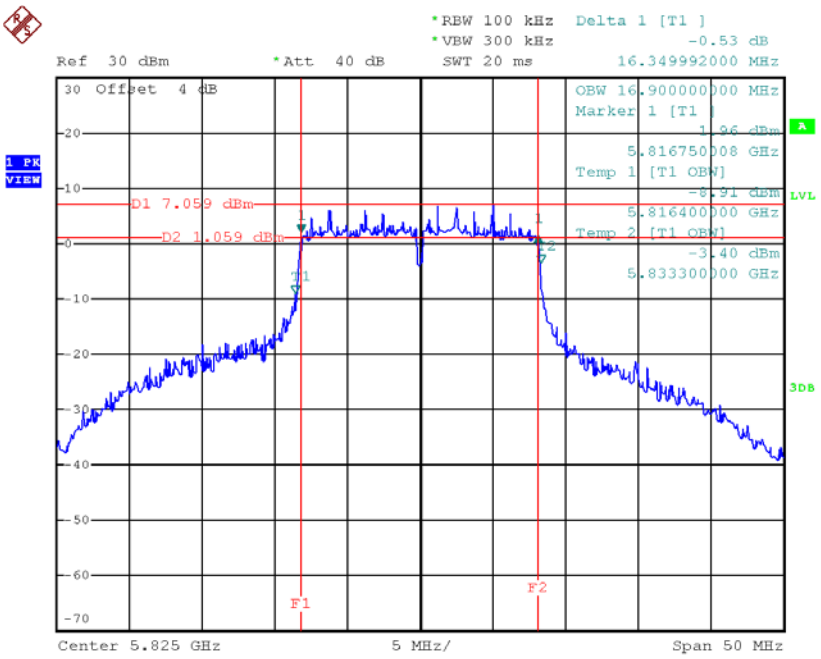
Date: 20.AUG.2017 11:53:59

TX CH 157



Date: 20.AUG.2017 11:53:01

TX CH 165

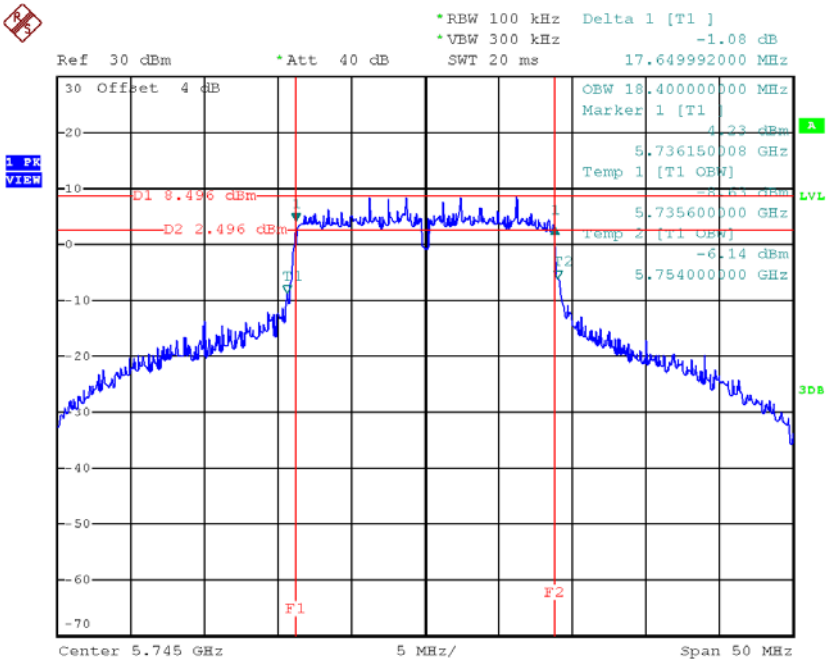


Date: 20.AUG.2017 11:50:53

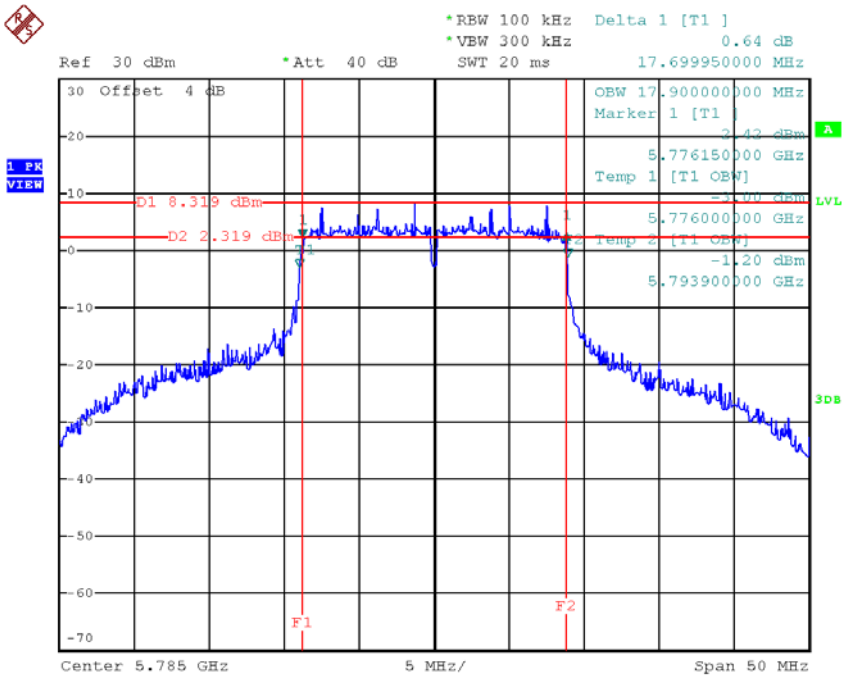
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165				

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	18.40	>=500
CH157	5785	17.70	17.90	>=500
CH165	5825	17.80	17.80	>=500

TX CH 149

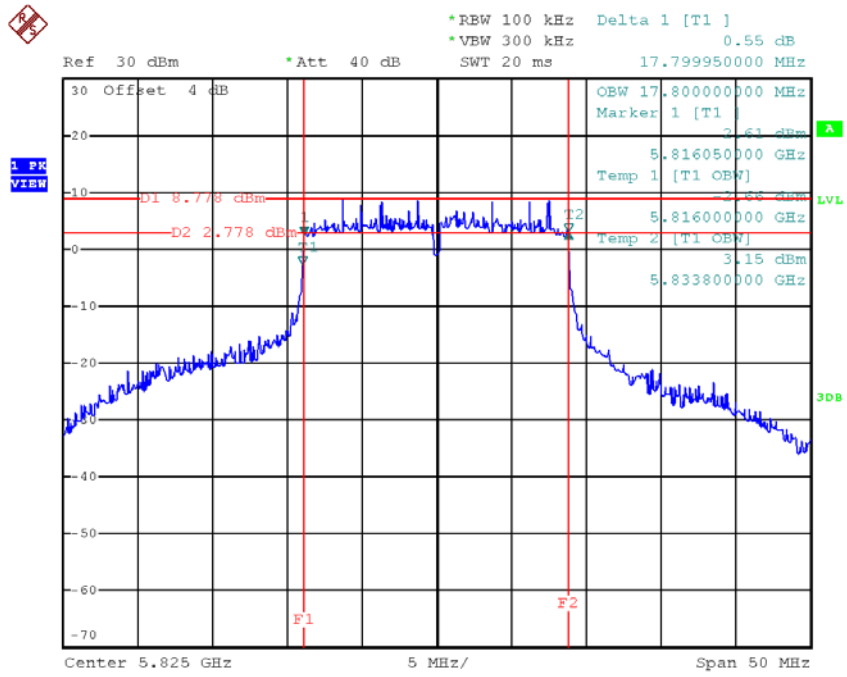


TX CH 157



Date: 20.AUG.2017 13:13:27

TX CH 165

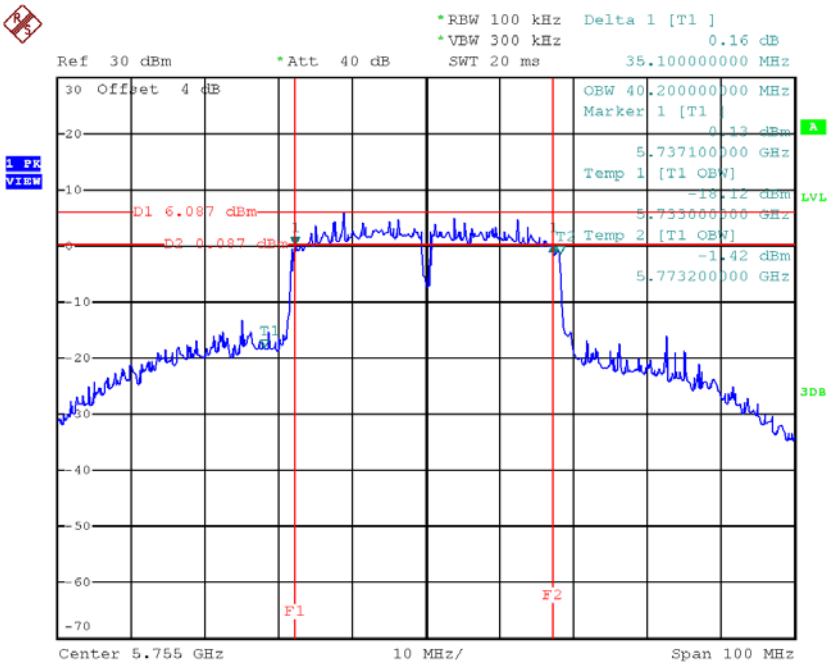


Date: 20.AUG.2017 13:32:32

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

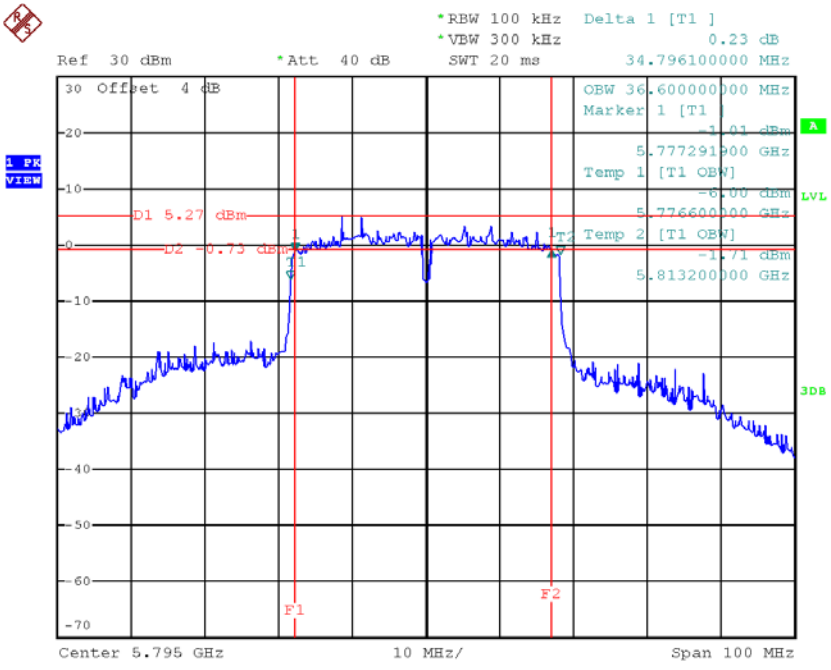
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.10	40.20	>=500
CH159	5795	34.80	36.60	>=500

TX CH 151



Date: 20.AUG.2017 13:47:04

TX CH 159

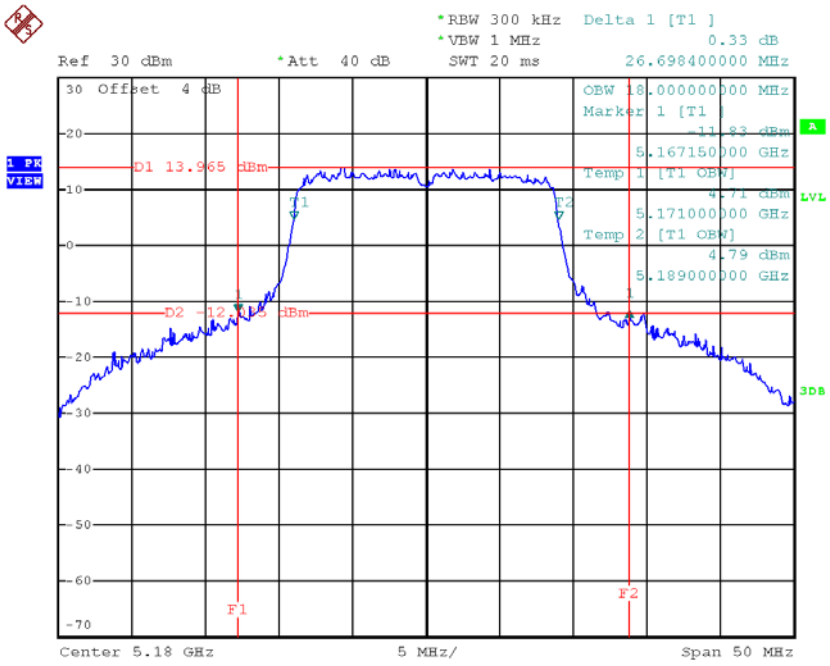


Date: 20.AUG.2017 13:48:39

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

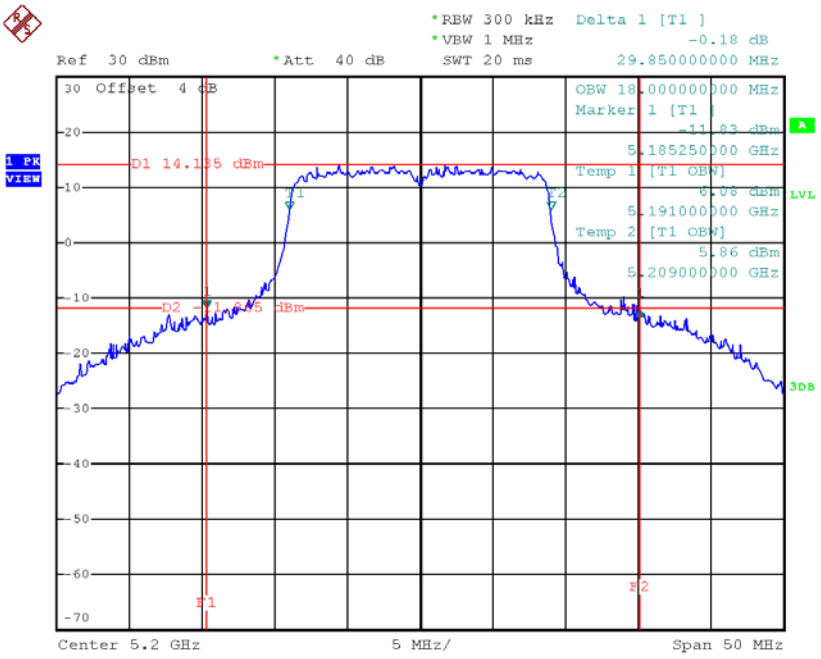
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	26.70	18.00
CH40	5200	29.85	18.00
CH48	5240	23.70	17.90

TX CH36



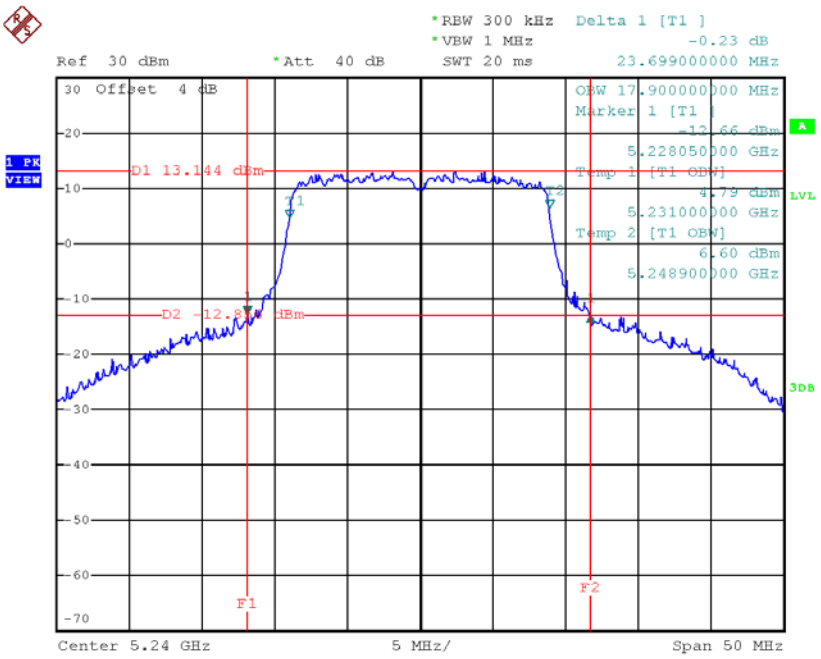
Date: 20.AUG.2017 13:20:24

TX CH40



Date: 20.AUG.2017 13:21:38

TX CH48

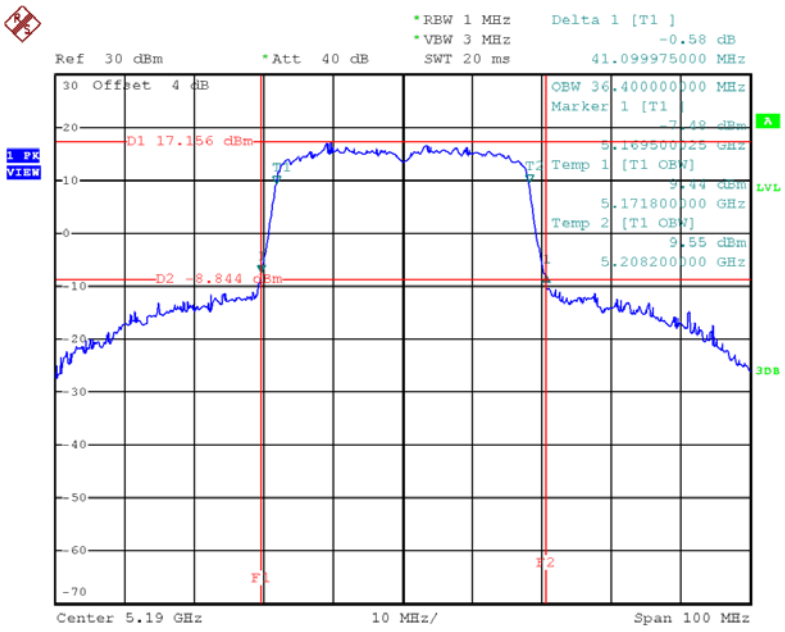


Date: 20.AUG.2017 13:22:42

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

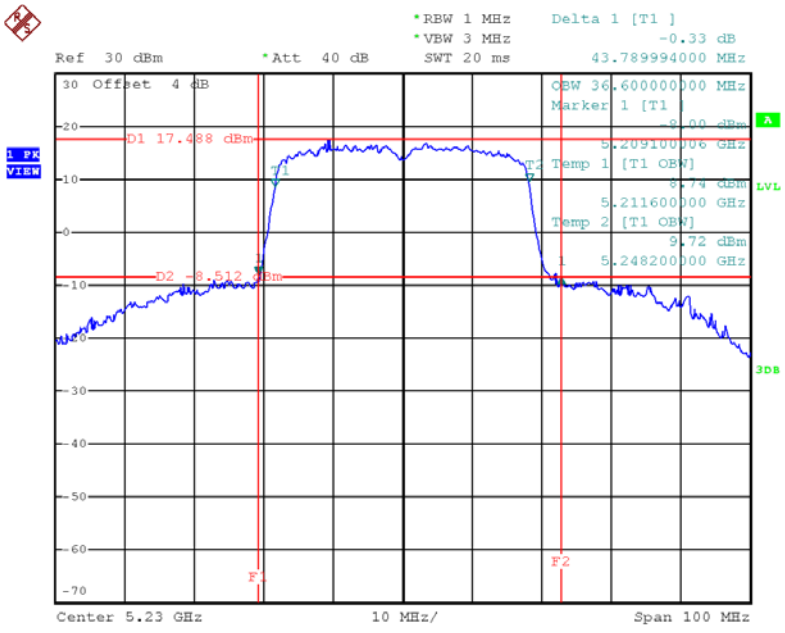
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	41.10	36.40
CH46	5230	43.79	36.60

TX CH38



Date: 20.AUG.2017 14:16:48

TX CH46

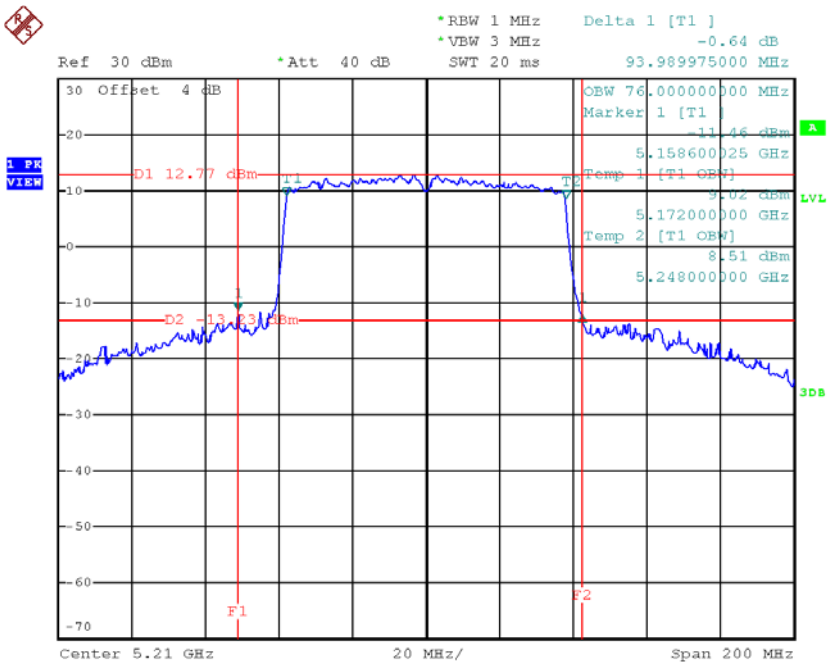


Date: 20.AUG.2017 14:18:09

Test Mode: UNII-1/TX AC80 Mode_CH42			

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	93.99	76.00

TX CH42

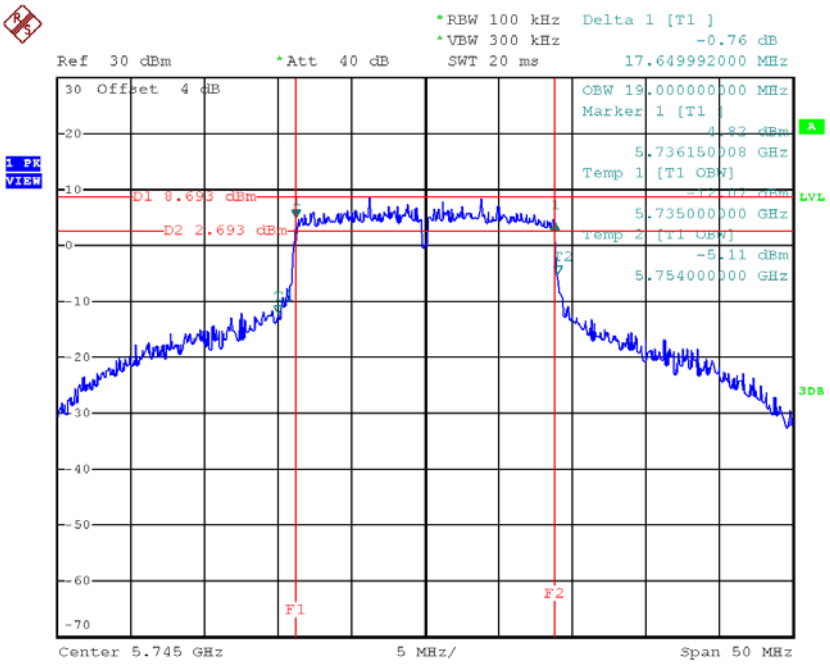


Date: 20.AUG.2017 14:29:14

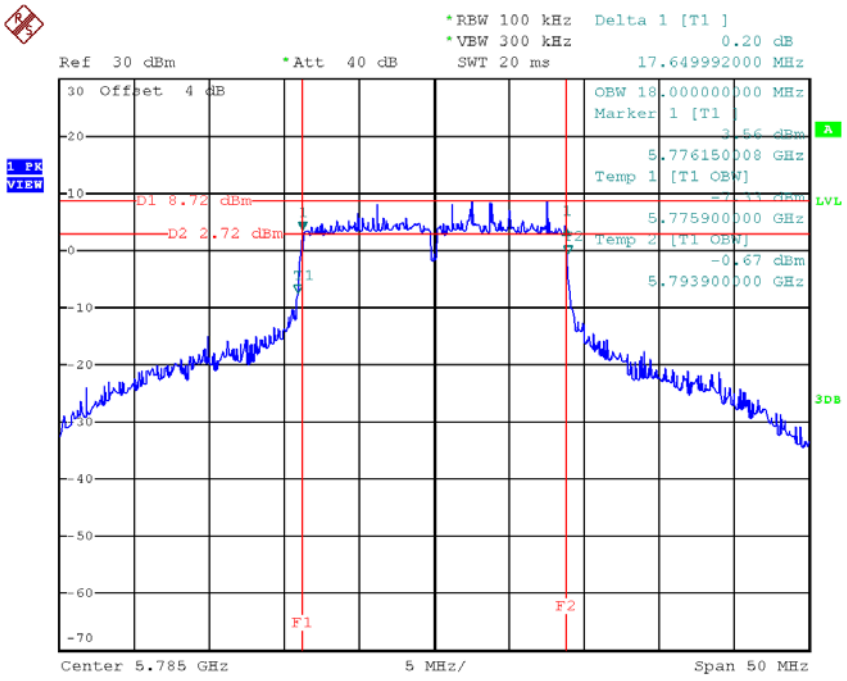
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	19.00	>=500
CH157	5785	17.65	18.00	>=500
CH165	5825	17.65	17.70	>=500

TX CH 149

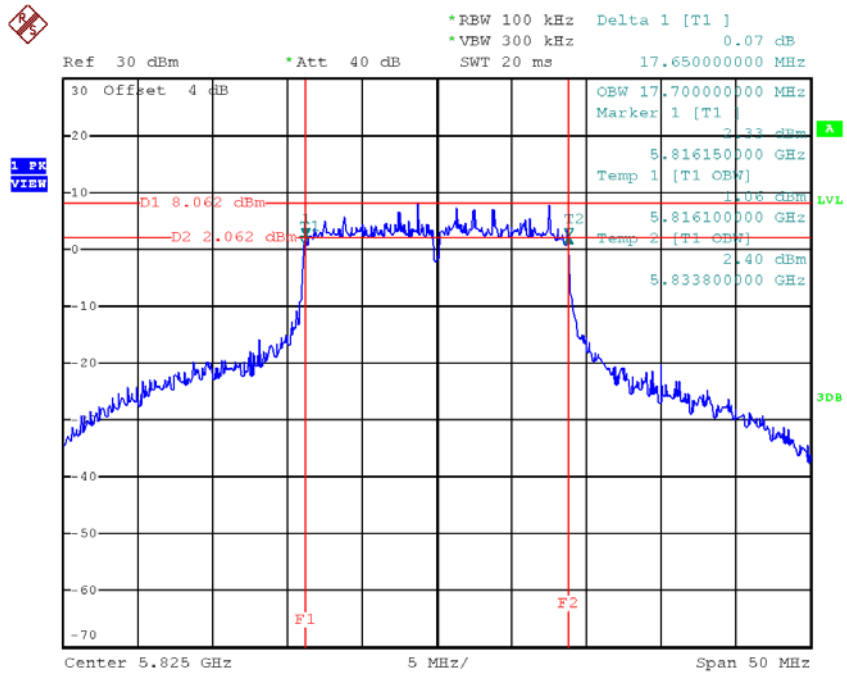


TX CH 157



Date: 20.AUG.2017 13:25:13

TX CH 165

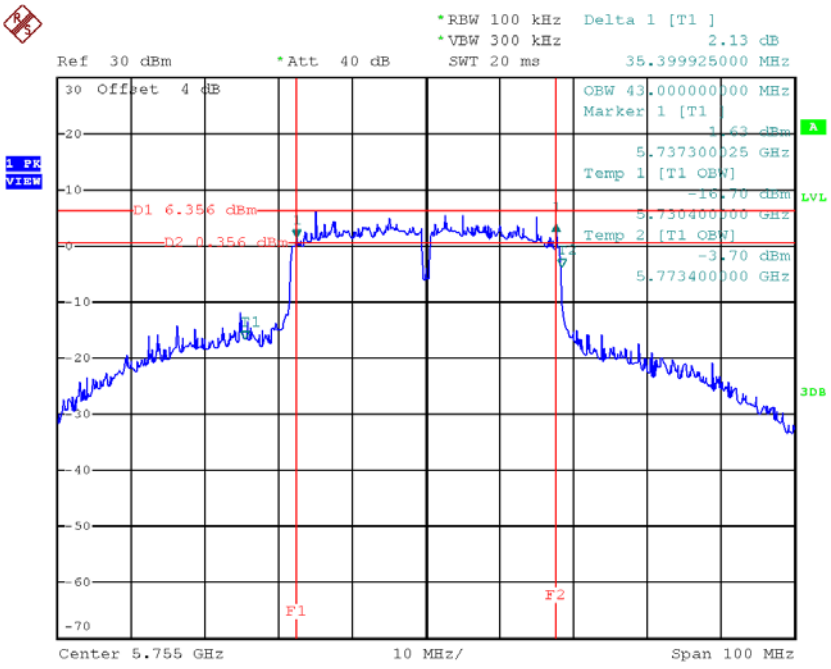


Date: 20.AUG.2017 13:26:21

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

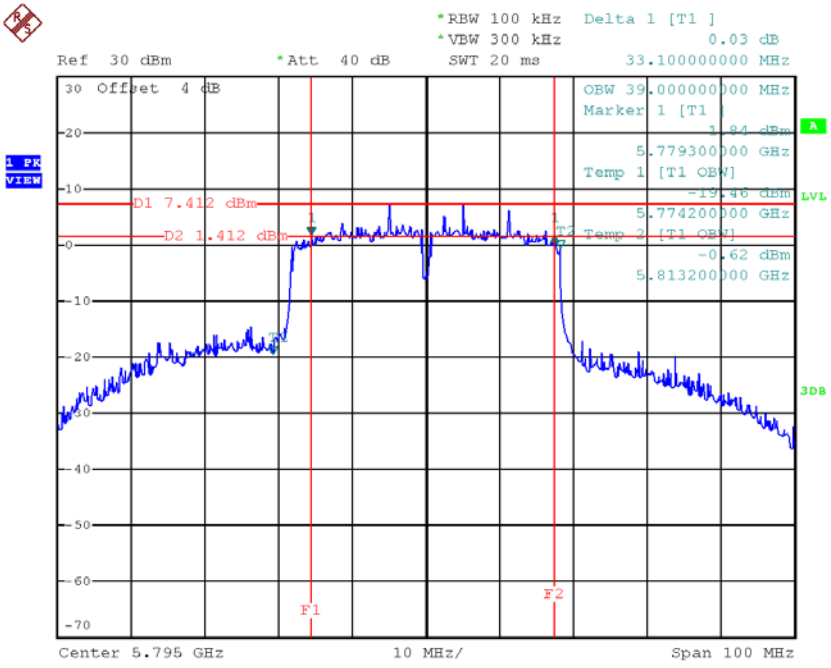
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.40	43.00	>=500
CH159	5795	33.10	39.00	>=500

TX CH 151



Date: 20.AUG.2017 14:19:37

TX CH 159

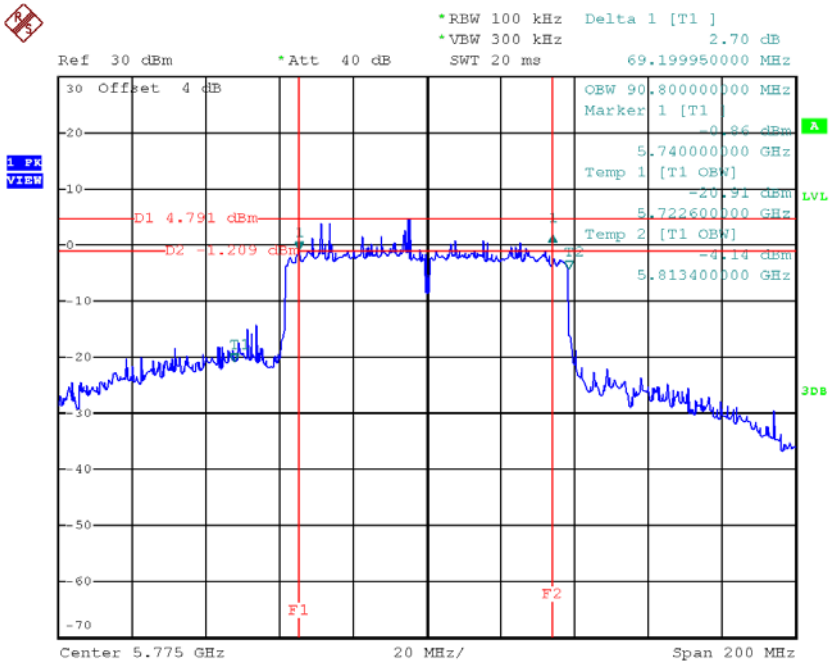


Date: 20.AUG.2017 14:20:44

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	69.20	90.80	>=500

TX CH 155



Date: 20.AUG.2017 14:32:33

APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode_ANT 1						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	19.43	0.15	19.58	30.00	1.00
CH40	5200	21.15	0.15	21.30	30.00	1.00
CH48	5240	21.88	0.15	22.03	30.00	1.00

Test Mode: UNII-1/TX A Mode_ANT 2						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	18.15	0.15	18.30	30.00	1.00
CH40	5200	20.15	0.15	20.30	30.00	1.00
CH48	5240	20.95	0.15	21.10	30.00	1.00

Test Mode: UNII-1/TX A Mode_Total				

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	22.00	30.00	1.00
CH40	5200	23.84	30.00	1.00
CH48	5240	24.60	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	19.35	0.12	19.47	30.00	1.00
CH40	5200	21.73	0.12	21.85	30.00	1.00
CH48	5240	21.35	0.12	21.47	30.00	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	17.82	0.12	17.94	30.00	1.00
CH40	5200	20.66	0.12	20.78	30.00	1.00
CH48	5240	20.62	0.12	20.74	30.00	1.00

Test Mode: UNII-1/TX N20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	21.78	30.00	1.00
CH40	5200	24.36	30.00	1.00
CH48	5240	24.13	30.00	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	11.48	0.28	11.76	30.00	1.00
CH46	5230	20.28	0.28	20.56	30.00	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	10.56	0.28	10.84	30.00	1.00
CH46	5230	19.82	0.28	20.10	30.00	1.00

Test Mode: UNII-1/TX N40 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	14.33	30.00	1.00
CH46	5230	23.35	30.00	1.00

Test Mode: UNII-3/ TX A Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	21.82	0.15	21.97	30.00	1.00
CH157	5785	20.56	0.15	20.71	30.00	1.00
CH165	5825	20.26	0.15	20.41	30.00	1.00

Test Mode: UNII-3/ TX A Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	20.61	0.15	20.76	30.00	1.00
CH157	5785	20.44	0.15	20.59	30.00	1.00
CH165	5825	19.92	0.15	20.07	30.00	1.00

Test Mode: UNII-3/ TX A Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	24.42	30.00	1.00
CH157	5785	23.66	30.00	1.00
CH165	5825	23.25	30.00	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	20.23	0.12	20.35	30.00	1.00
CH157	5785	20.44	0.12	20.56	30.00	1.00
CH165	5825	20.15	0.12	20.27	30.00	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	18.11	0.12	18.23	30.00	1.00
CH157	5785	18.54	0.12	18.66	30.00	1.00
CH165	5825	17.86	0.12	17.98	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	22.43	30.00	1.00
CH157	5785	22.72	30.00	1.00
CH165	5825	22.28	30.00	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	17.97	0.28	18.25	30.00	1.00
CH159	5795	17.54	0.28	17.82	30.00	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	17.25	0.28	17.53	30.00	1.00
CH159	5795	16.38	0.28	16.66	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	20.92	30.00	1.00
CH159	5795	20.29	30.00	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	19.52	0.18	19.70	30.00	1.00
CH40	5200	21.78	0.18	21.96	30.00	1.00
CH48	5240	21.72	0.18	21.90	30.00	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	18.28	0.18	18.46	30.00	1.00
CH40	5200	21.02	0.18	21.20	30.00	1.00
CH48	5240	20.92	0.18	21.10	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	22.13	30.00	1.00
CH40	5200	24.61	30.00	1.00
CH48	5240	24.53	30.00	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	11.38	0.35	11.73	30.00	1.00
CH46	5230	20.32	0.35	20.67	30.00	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	10.78	0.35	11.13	30.00	1.00
CH46	5230	19.52	0.35	19.87	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	14.45	30.00	1.00
CH46	5230	23.30	30.00	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	11.62	0.79	12.41	30.00	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	11.12	0.79	11.91	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	15.18	30.00	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	18.19	0.18	18.37	30.00	1.00
CH157	5785	17.32	0.18	17.50	30.00	1.00
CH165	5825	16.84	0.18	17.02	30.00	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	17.48	0.18	17.66	30.00	1.00
CH157	5785	16.24	0.18	16.42	30.00	1.00
CH165	5825	16.67	0.18	16.85	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	21.04	30.00	1.00
CH157	5785	20.00	30.00	1.00
CH165	5825	19.95	30.00	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	18.51	0.35	18.86	30.00	1.00
CH159	5795	17.85	0.35	18.20	30.00	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	17.78	0.35	18.13	30.00	1.00
CH159	5795	16.78	0.35	17.13	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	21.52	30.00	1.00
CH159	5795	20.71	30.00	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	19.32	0.79	20.11	30.00	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	18.79	0.79	19.58	30.00	1.00

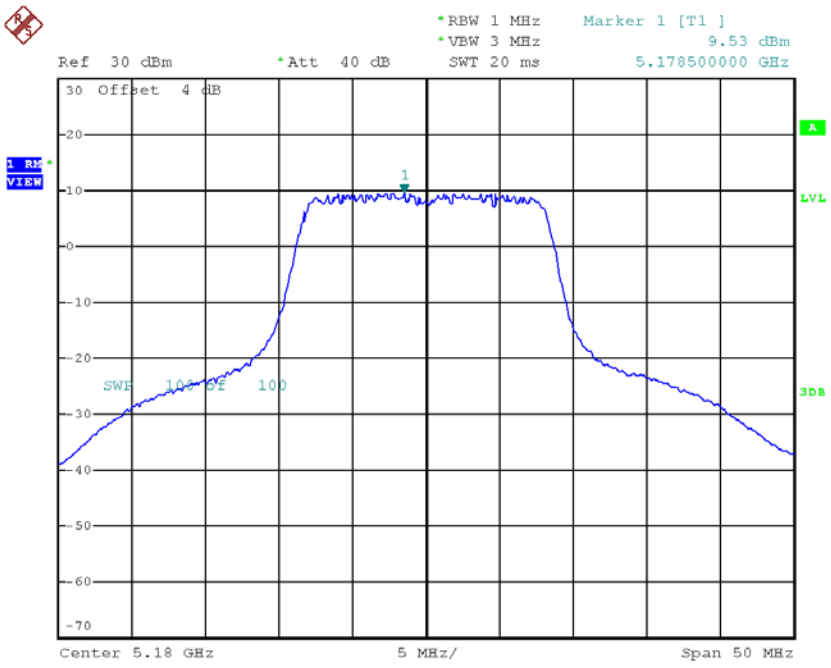
Test Mode: UNII-3/TX AC80 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	22.86	30.00	1.00

APPENDIX G - POWER SPECTRAL DENSITY

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

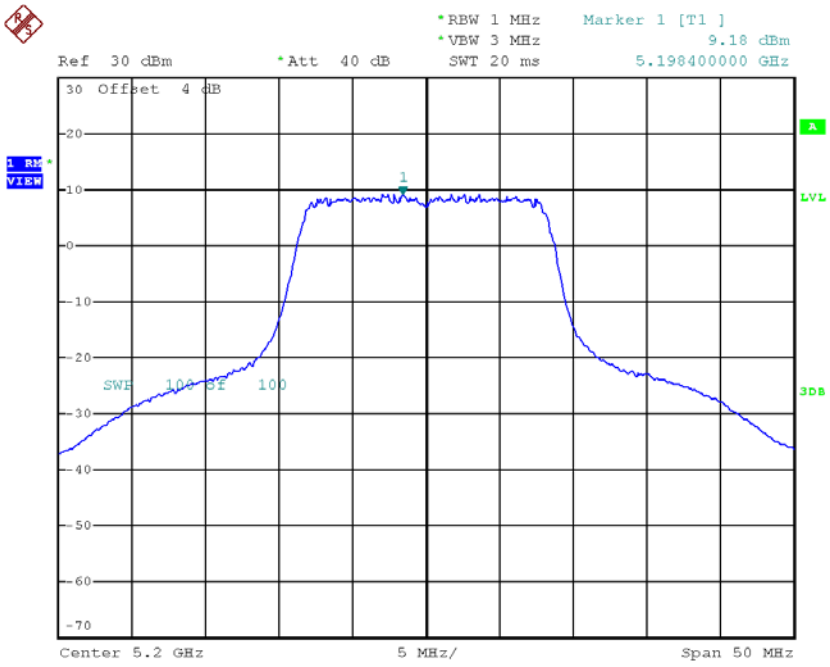
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.53	0.15	9.68	17.00
CH40	5200	9.18	0.15	9.33	17.00
CH48	5240	8.82	0.15	8.97	17.00

CH36



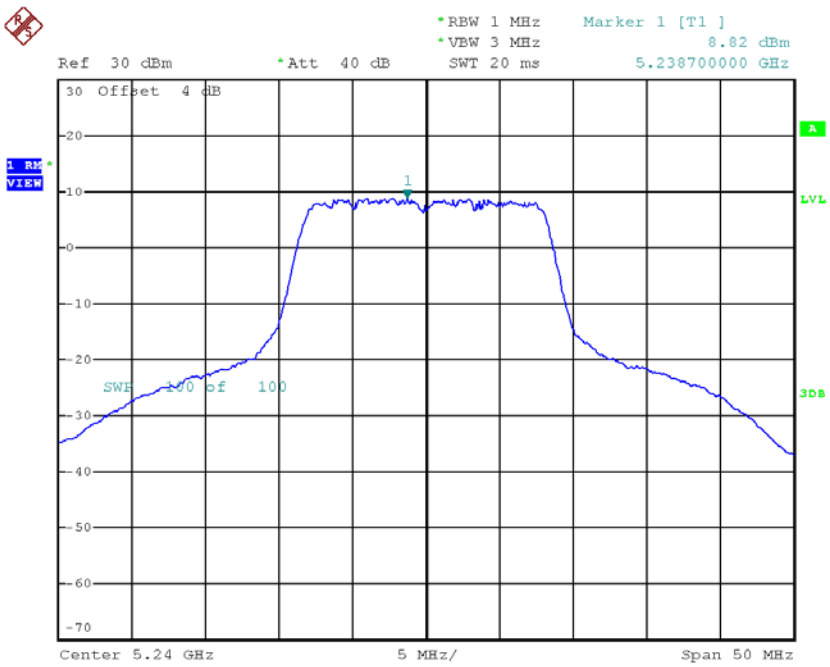
Date: 20.AUG.2017 11:32:11

CH40



Date: 20.AUG.2017 11:40:28

CH48

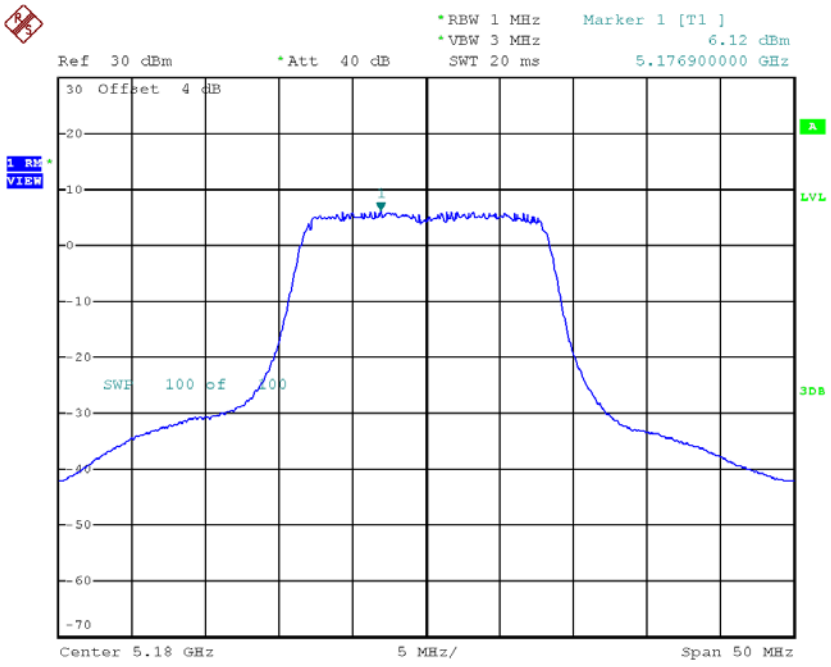


Date: 20.AUG.2017 11:39:40

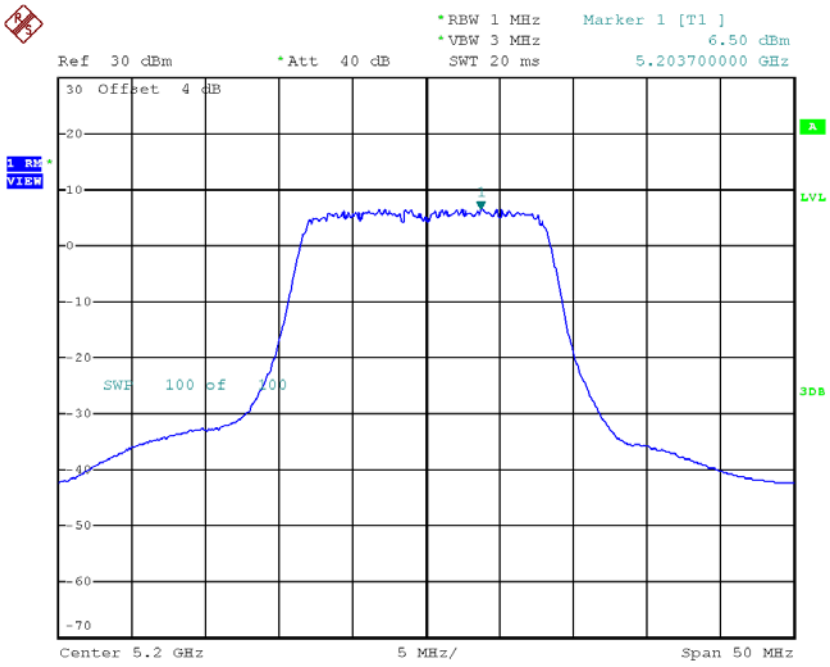
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.12	0.15	6.27	17.00
CH40	5200	6.50	0.15	6.65	17.00
CH48	5240	7.14	0.15	7.29	17.00

CH36

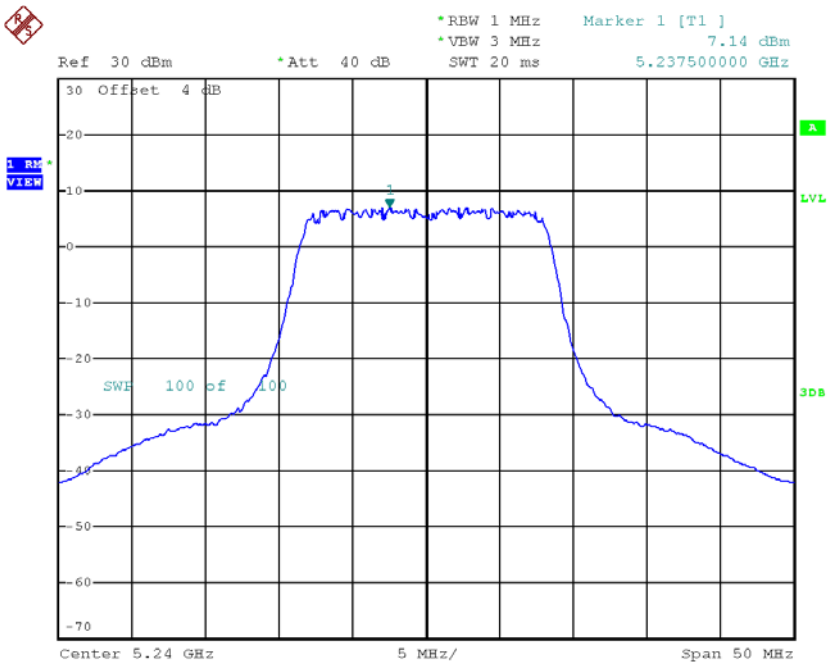


CH40



Date: 20.AUG.2017 11:56:48

CH48



Date: 20.AUG.2017 11:58:14

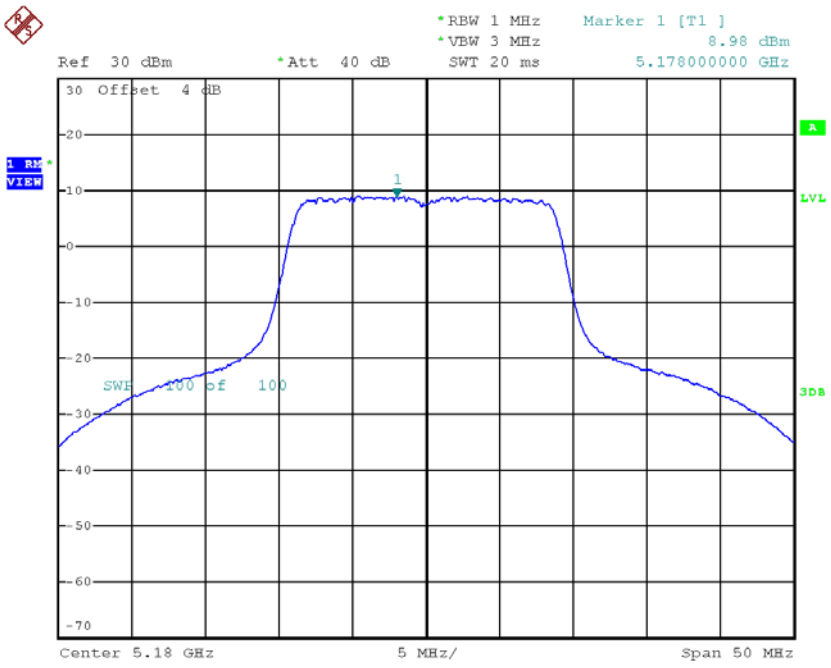
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.31	17.00
CH40	5200	11.20	17.00
CH48	5240	11.22	17.00

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

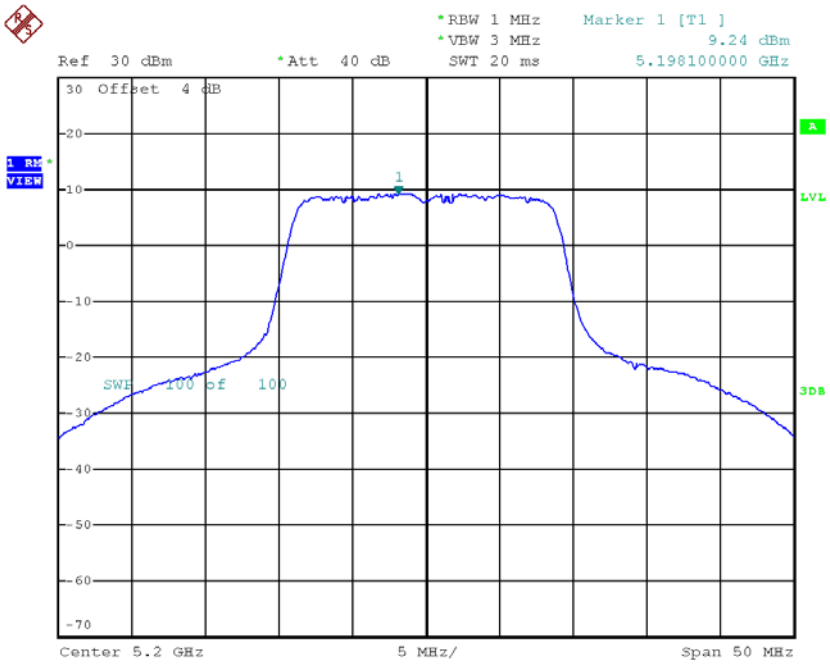
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	8.98	0.12	9.10	17.00
CH40	5200	9.24	0.12	9.36	17.00
CH48	5240	8.23	0.12	8.35	17.00

CH36



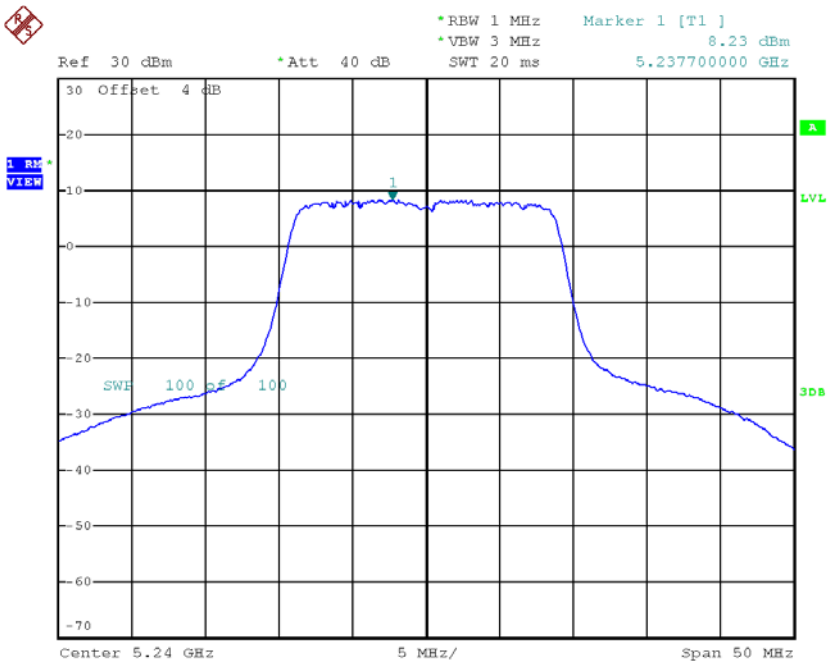
Date: 20.AUG.2017 13:06:56

CH40



Date: 20.AUG.2017 13:08:26

CH48

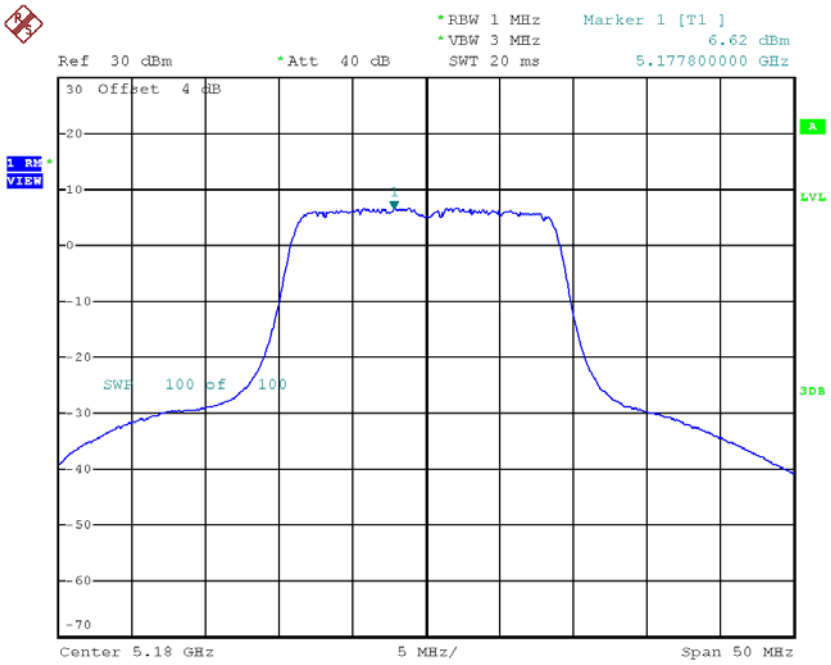


Date: 20.AUG.2017 13:10:39

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

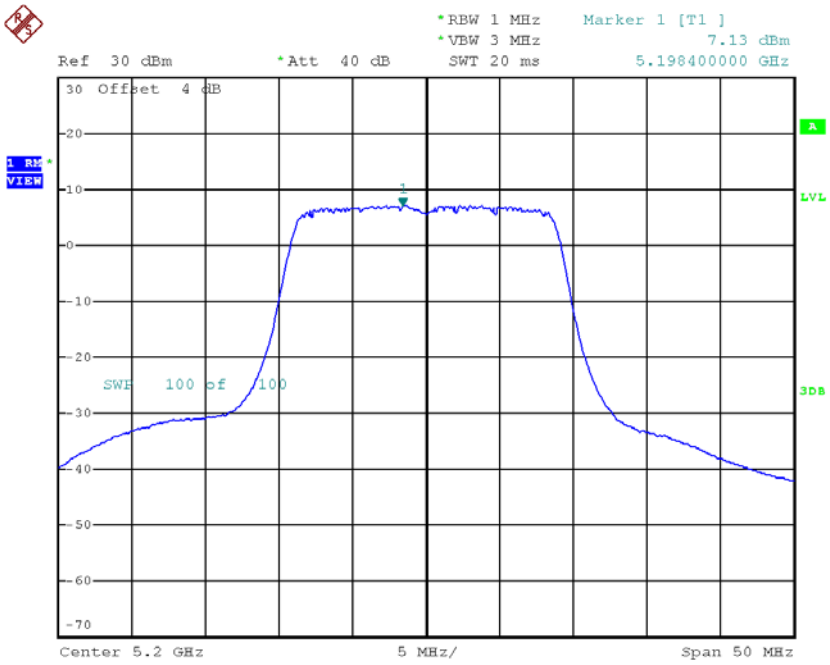
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.62	0.12	6.74	17.00
CH40	5200	7.13	0.12	7.25	17.00
CH48	5240	6.76	0.12	6.88	17.00

CH36



Date: 20.AUG.2017 13:15:09

CH40



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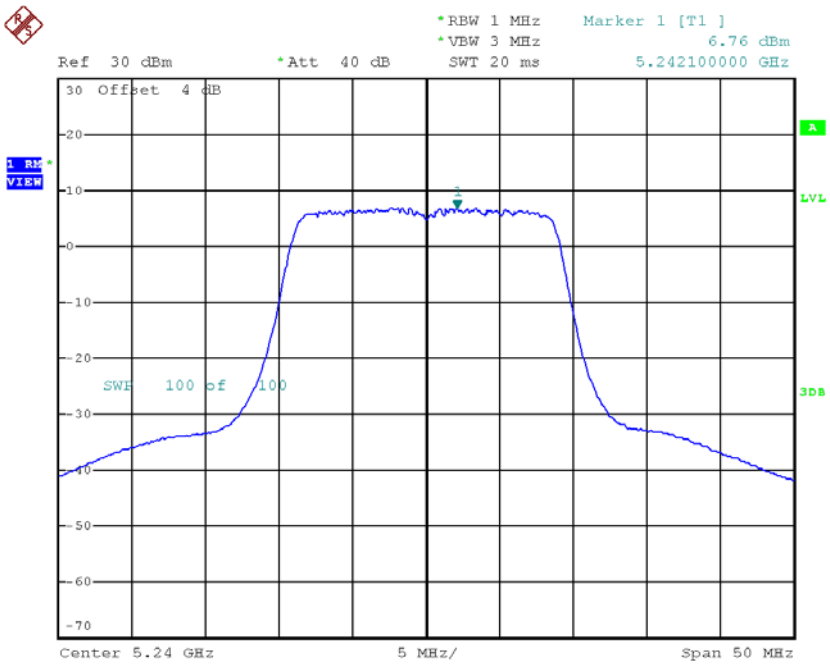
CH48



Date: 20.AUG.2017 13:16:40

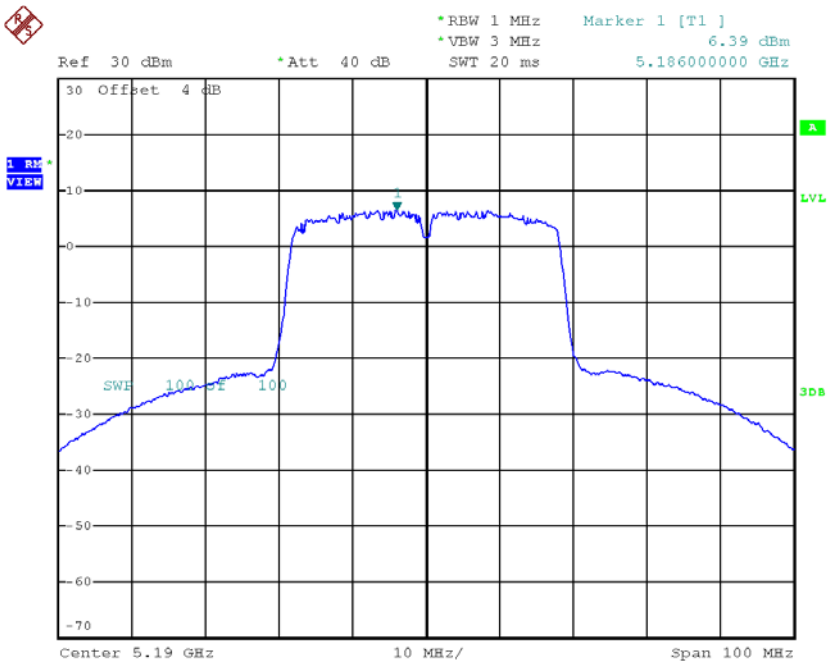
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.09	17.00
CH40	5200	11.44	17.00
CH48	5240	10.69	17.00

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

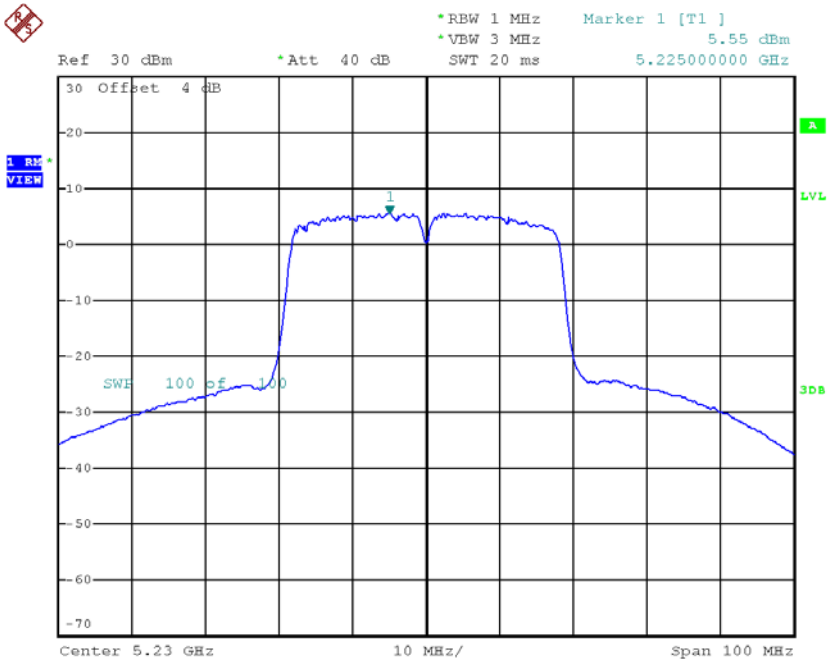
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	6.39	0.28	6.67	17.00
CH46	5230	5.55	0.28	5.83	17.00

CH38



Date: 20.AUG.2017 13:44:17

CH46

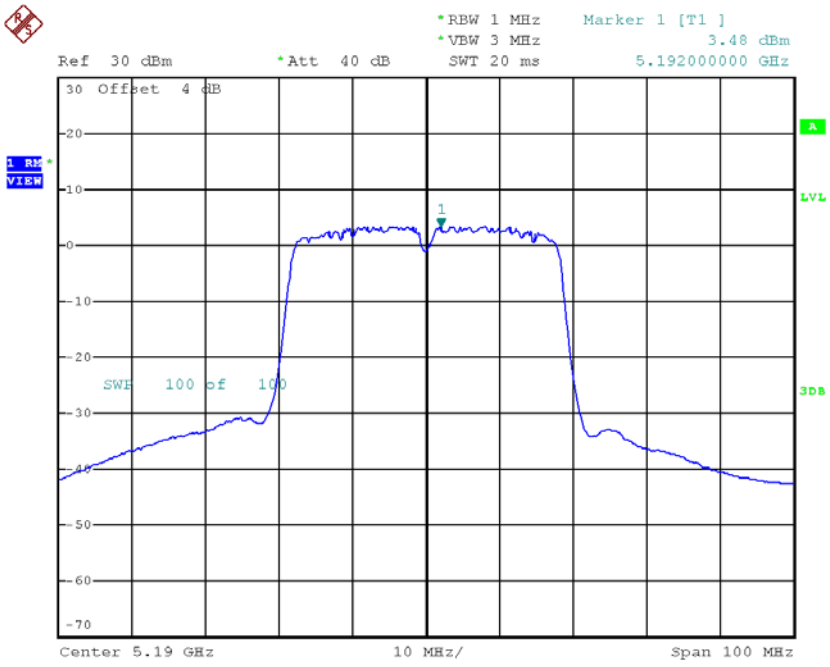


Date: 20.AUG.2017 13:45:49

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

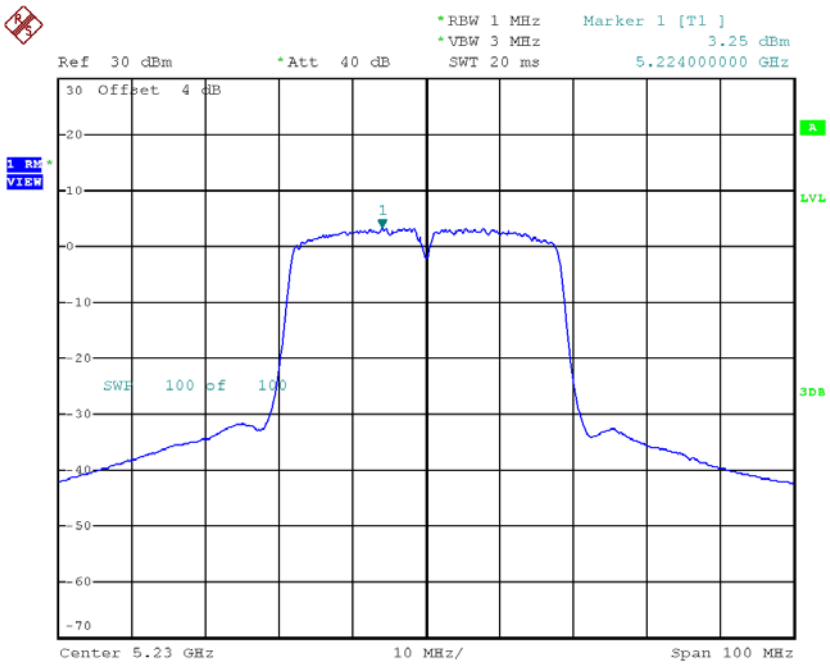
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	3.48	0.28	3.76	17.00
CH46	5230	3.25	0.28	3.53	17.00

CH38



Date: 20.AUG.2017 13:51:11

CH46



Date: 20.AUG.2017 13:52:02

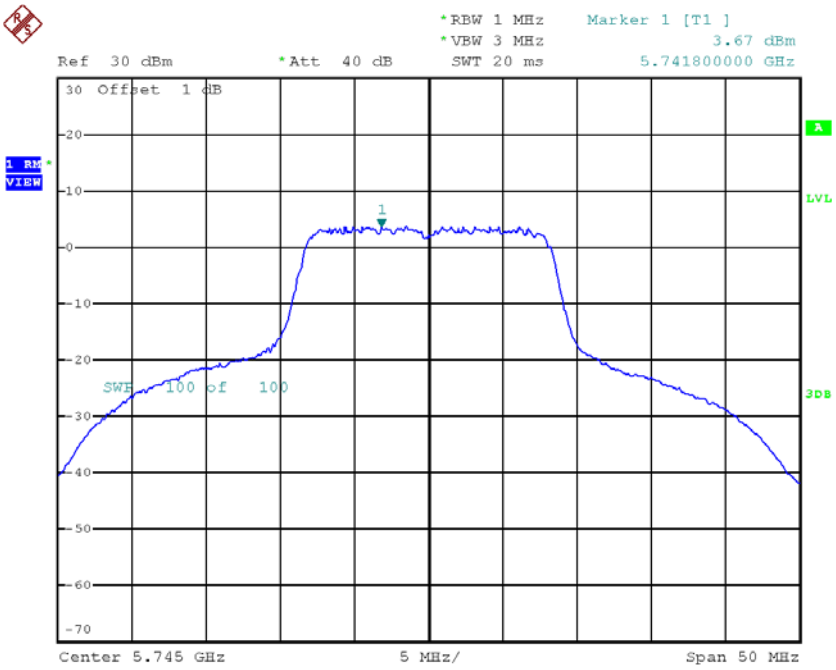
Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total			

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	8.46	17.00
CH46	5230	7.84	17.00

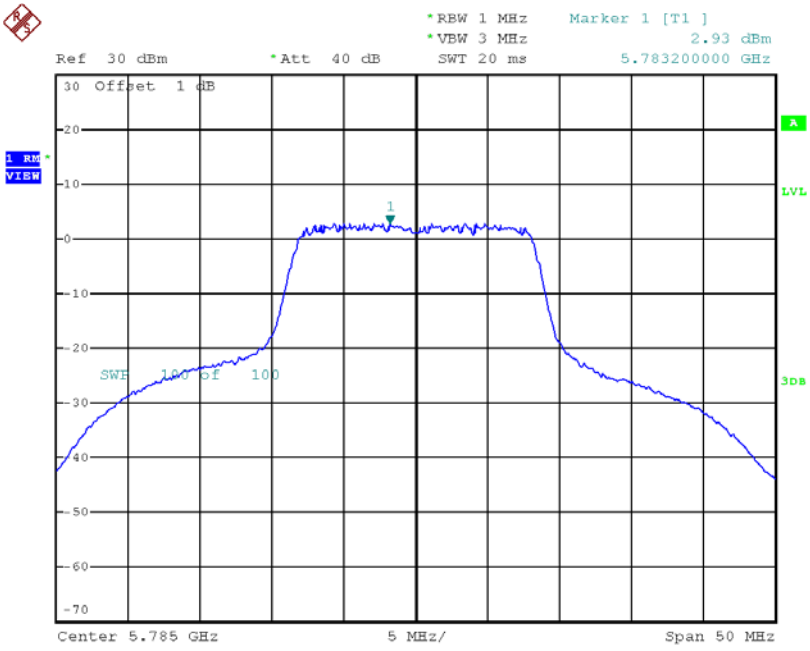
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	3.67	0.15	3.82	30.00
CH157	5785	2.93	0.15	3.08	30.00
CH165	5825	2.48	0.15	2.63	30.00

TX CH149

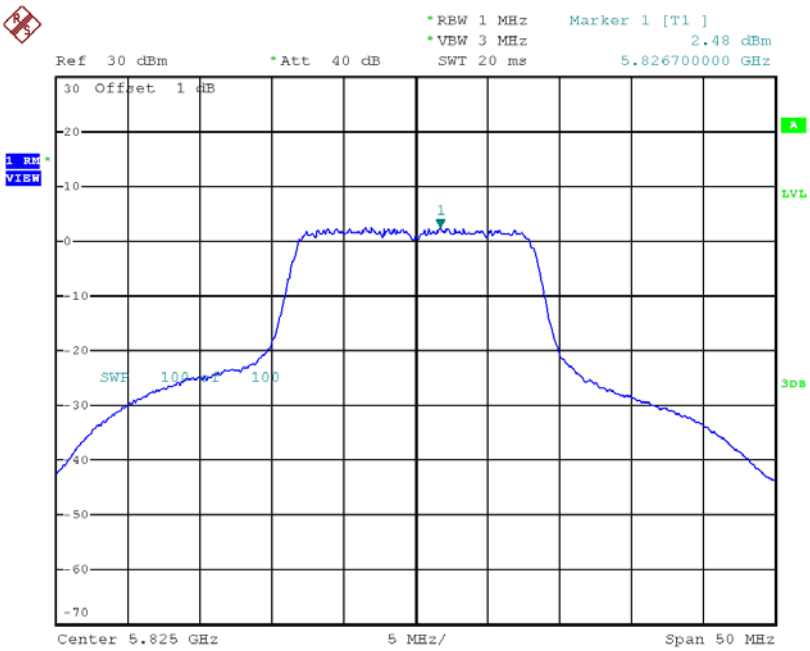


TX CH157



Date: 20.AUG.2017 11:53:09

TX CH165

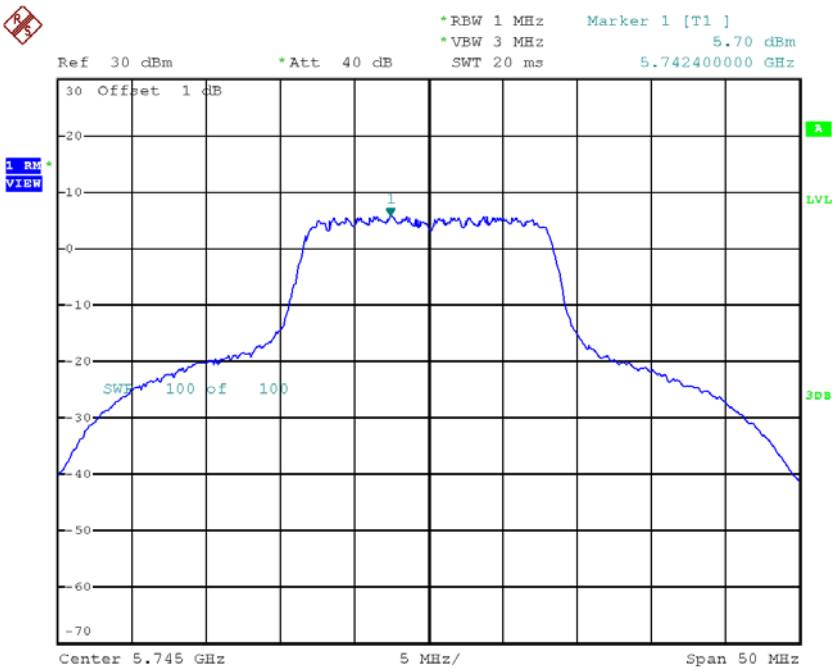


Date: 20.AUG.2017 11:51:01

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

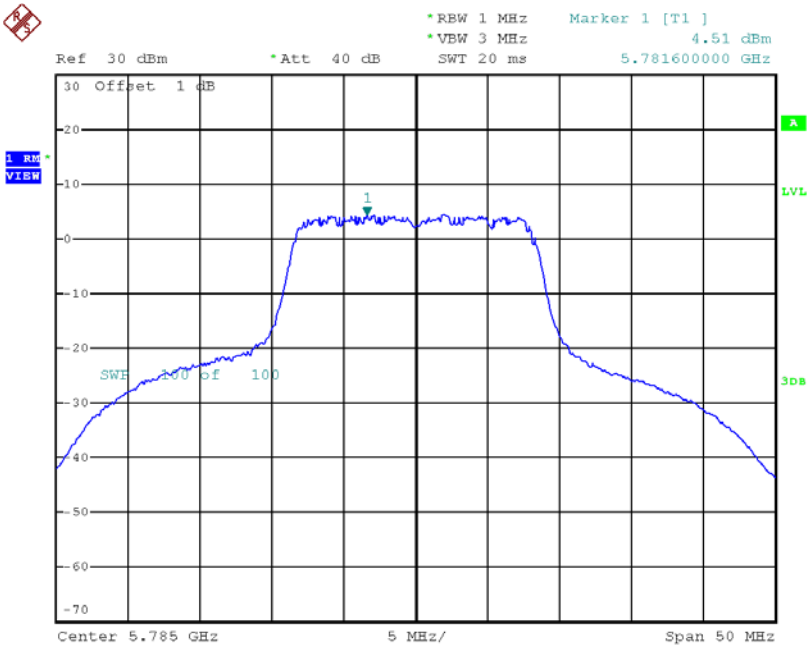
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	5.70	0.15	5.85	30.00
CH157	5785	4.51	0.15	4.66	30.00
CH165	5825	3.80	0.15	3.95	30.00

TX CH149



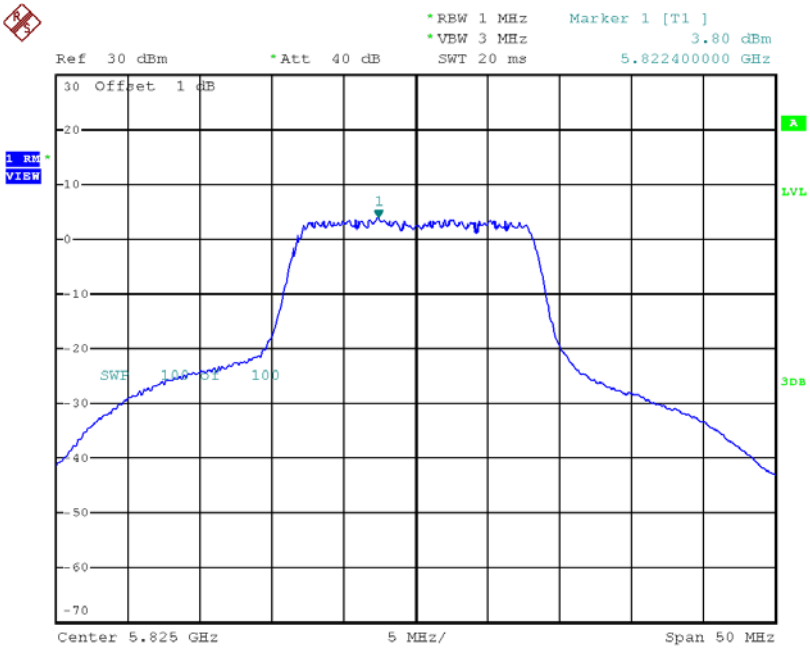
Date: 20.AUG.2017 12:00:58

TX CH157



Date: 20.AUG.2017 13:03:24

TX CH165



Date: 20.AUG.2017 13:04:07

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

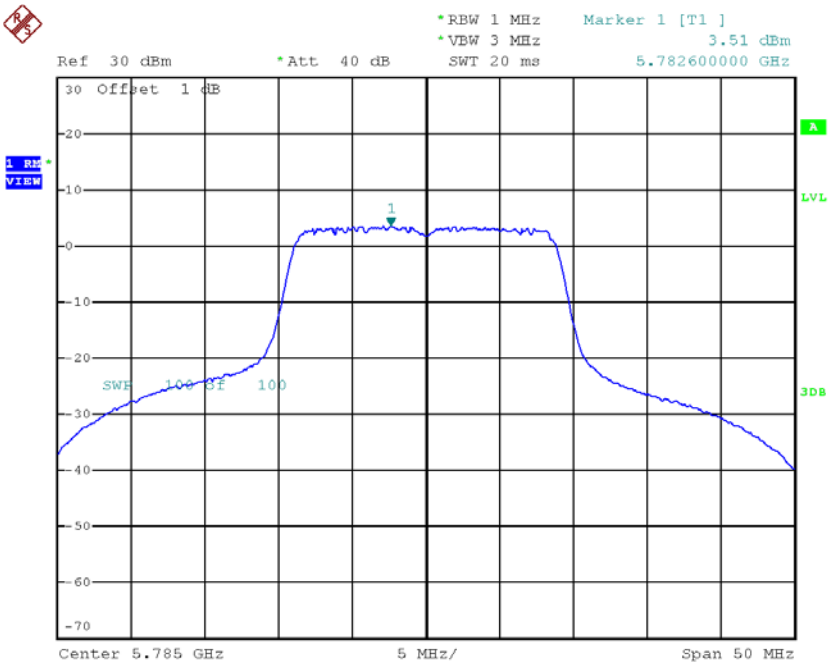
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	7.96	30.00
CH157	5785	6.95	30.00
CH165	5825	6.35	30.00

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	4.23	0.12	4.35	30.00
CH157	5785	3.51	0.12	3.63	30.00
CH165	5825	3.62	0.12	3.74	30.00

TX CH149

TX CH157



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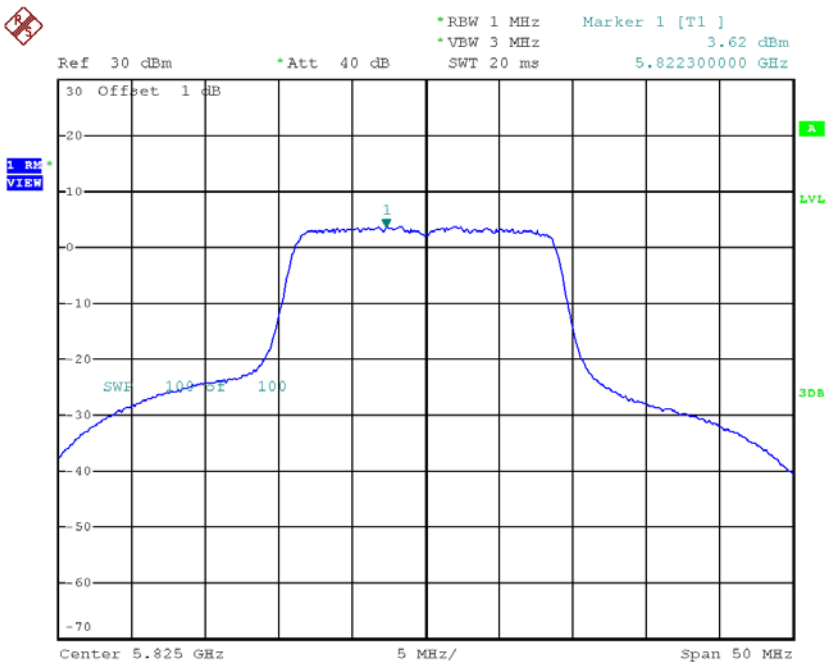
TX CH165

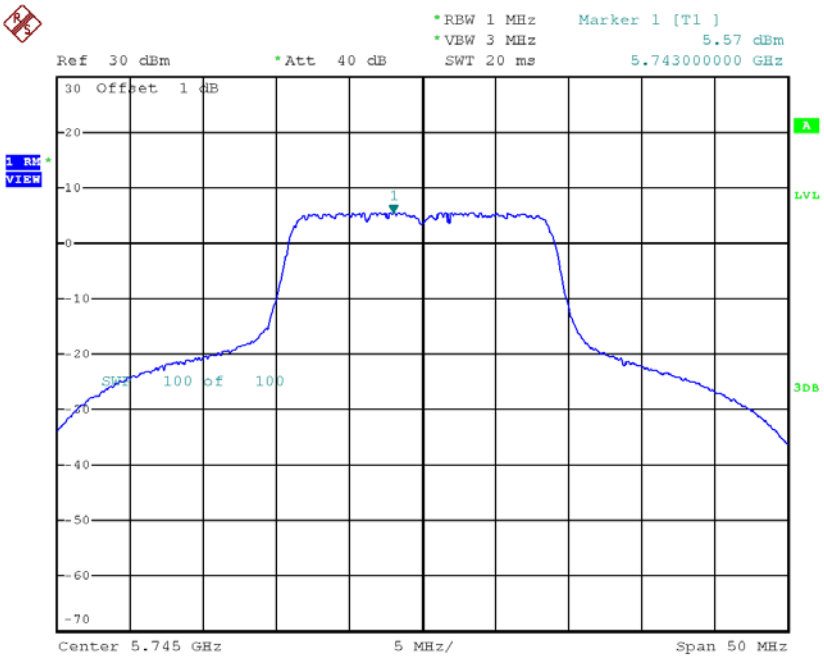


Date: 20.AUG.2017 13:26:30

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

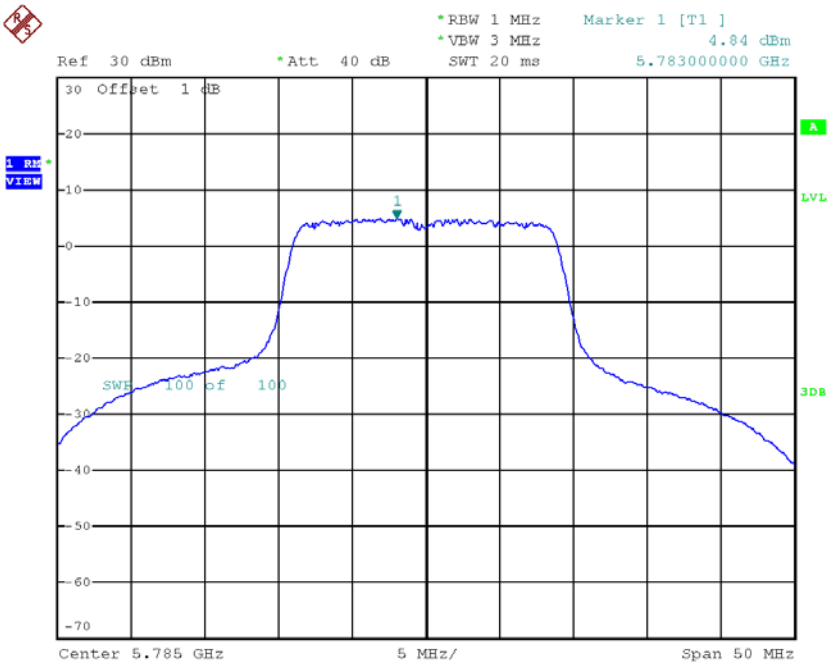
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	5.57	0.12	5.69	30.00
CH157	5785	4.84	0.12	4.96	30.00
CH165	5825	4.20	0.12	4.32	30.00

TX CH149



Date: 20.AUG.2017 13:17:32

TX CH157



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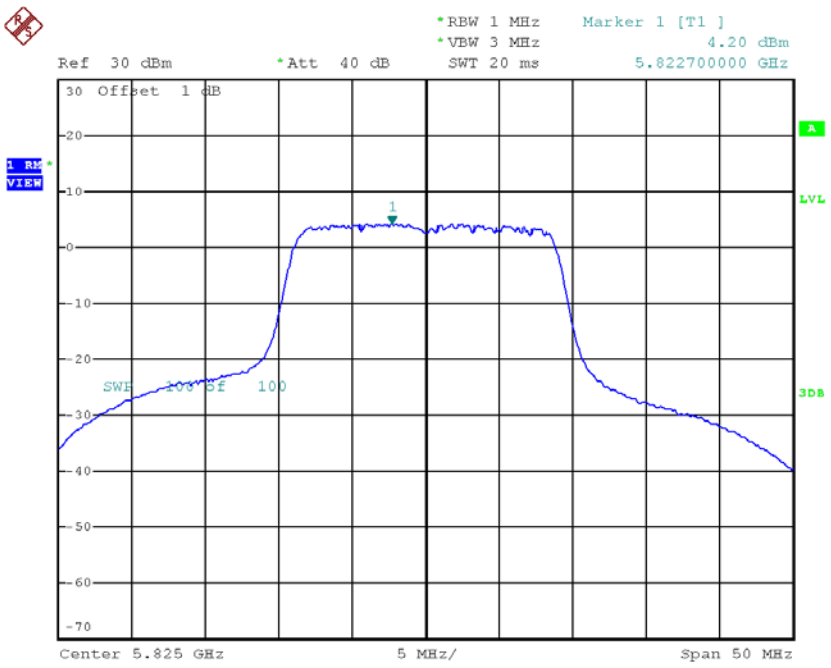
TX CH165



Date: 20.AUG.2017 13:19:11

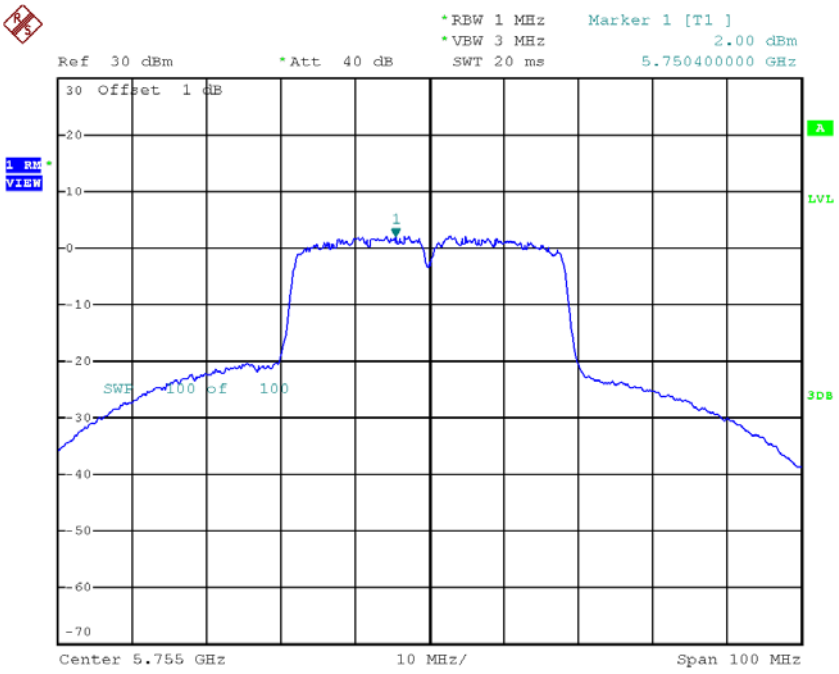
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	8.08	30.00
CH157	5785	7.36	30.00
CH165	5825	7.05	30.00

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

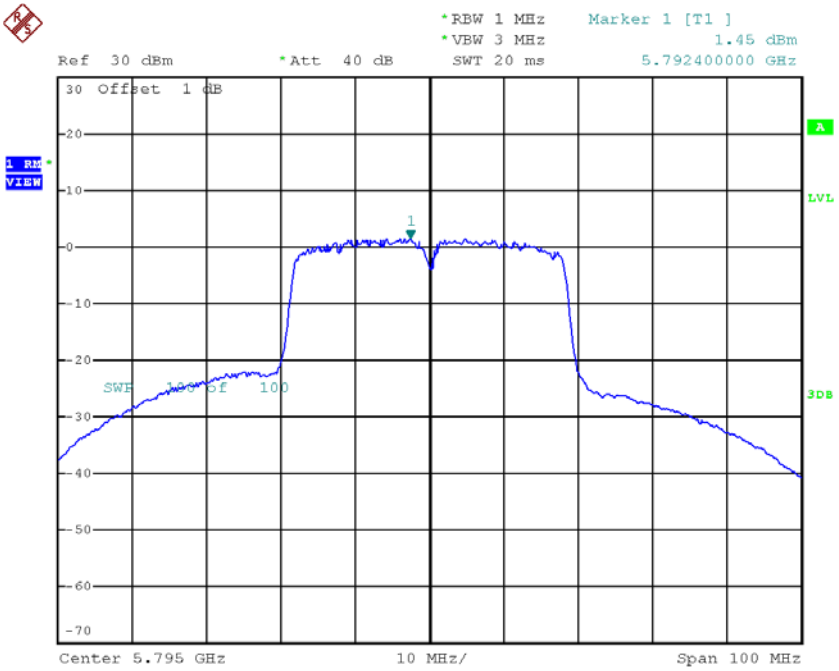
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	2.00	0.28	2.28	30.00
CH159	5795	1.45	0.28	1.73	30.00

TX CH151



Date: 20.AUG.2017 13:47:16

TX CH159

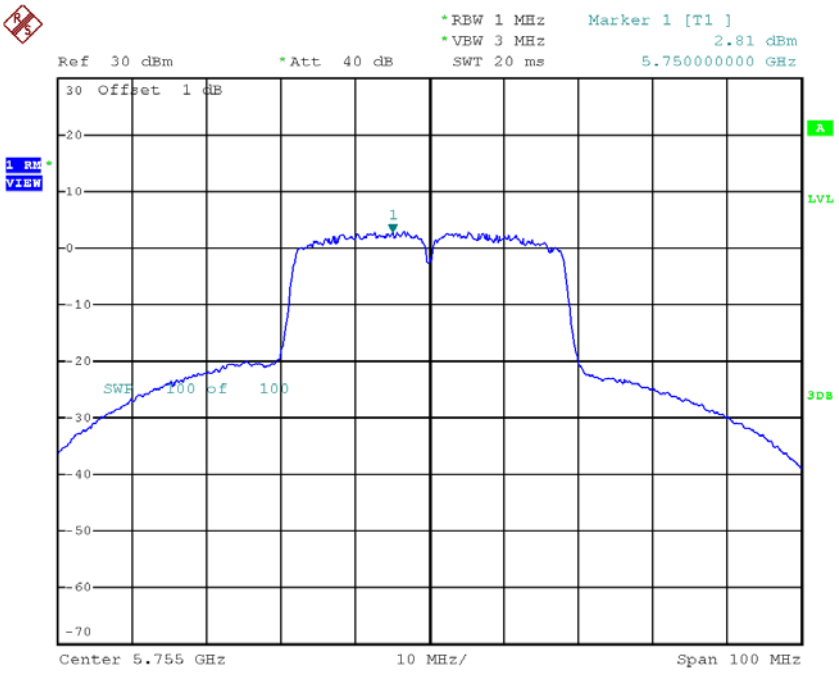


Date: 20.AUG.2017 13:48:51

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

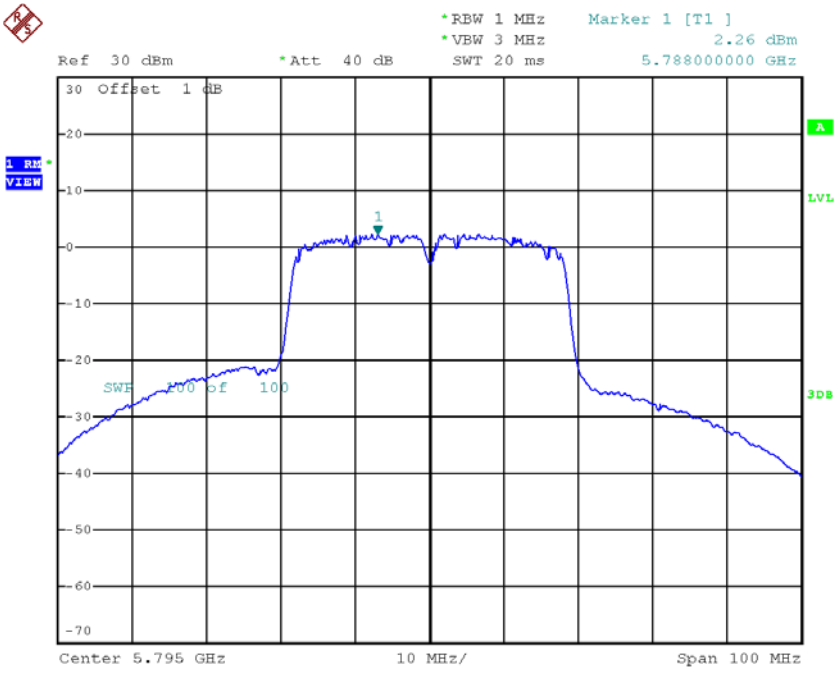
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	2.81	0.28	3.09	30.00
CH159	5795	2.26	0.28	2.54	30.00

TX CH151



Date: 20.AUG.2017 13:53:10

TX CH159



Date: 20.AUG.2017 13:54:50

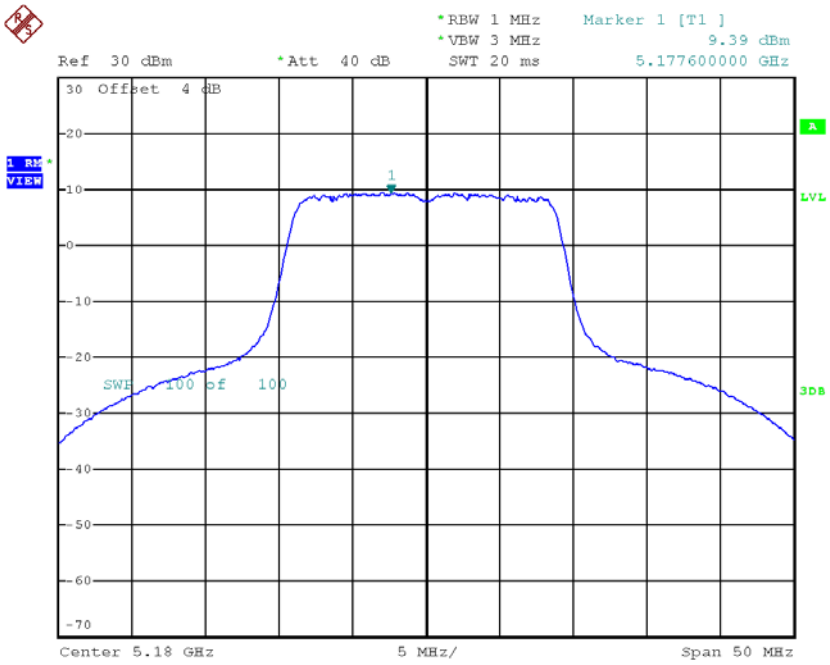
Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	5.71	30.00
CH159	5795	5.16	30.00

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

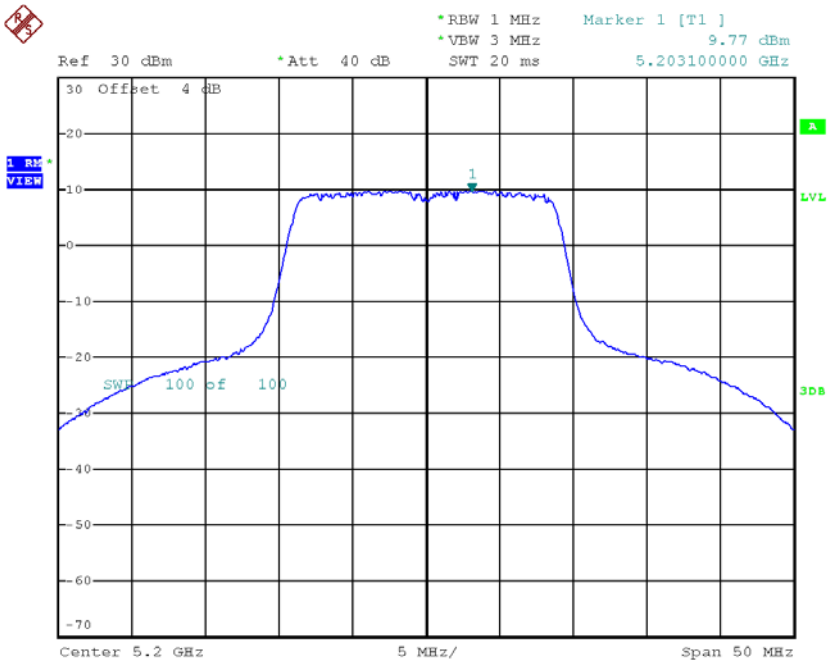
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.39	0.18	9.57	17.00
CH40	5200	9.77	0.18	9.95	17.00
CH48	5240	8.69	0.18	8.87	17.00

CH36



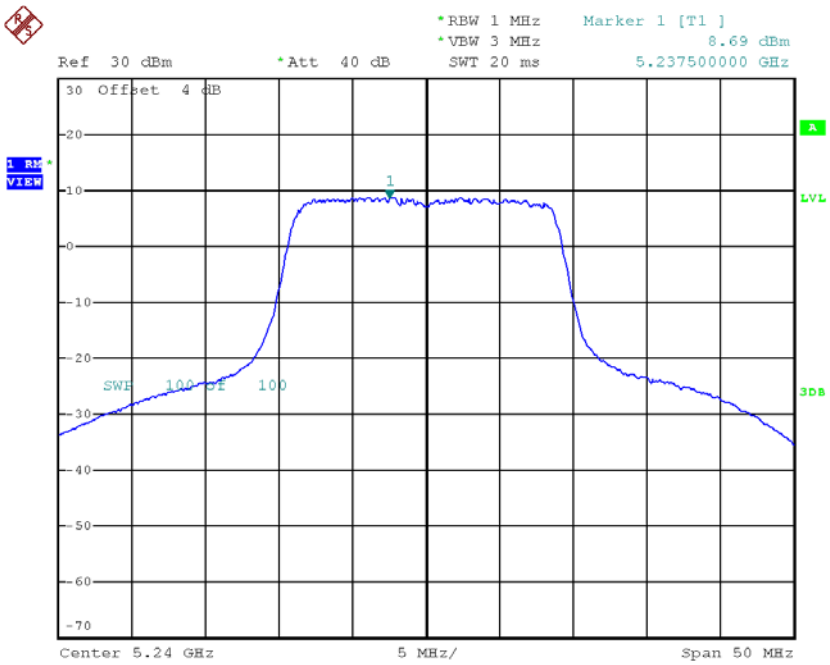
Date: 20.AUG.2017 13:20:33

CH40



Date: 20.AUG.2017 13:21:47

CH48

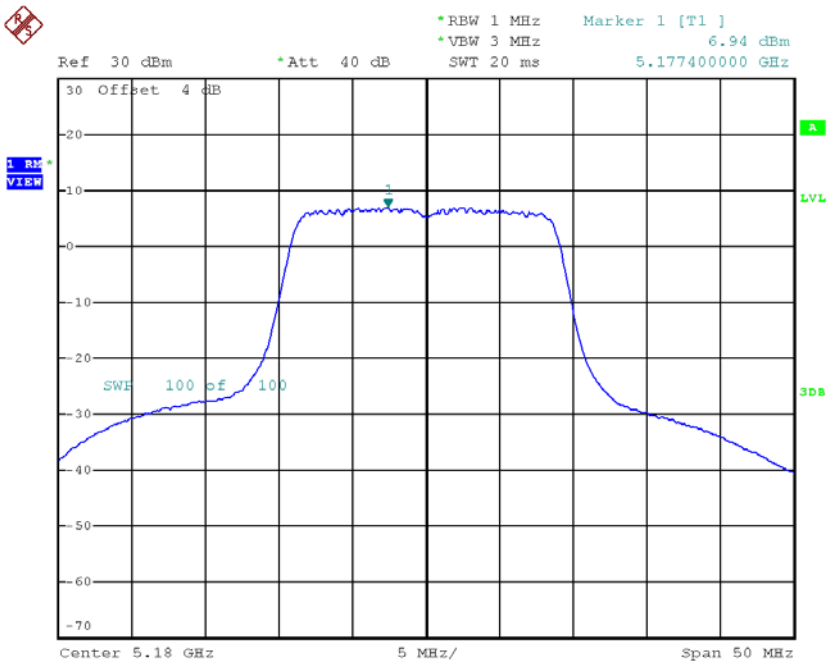


Date: 20.AUG.2017 13:22:51

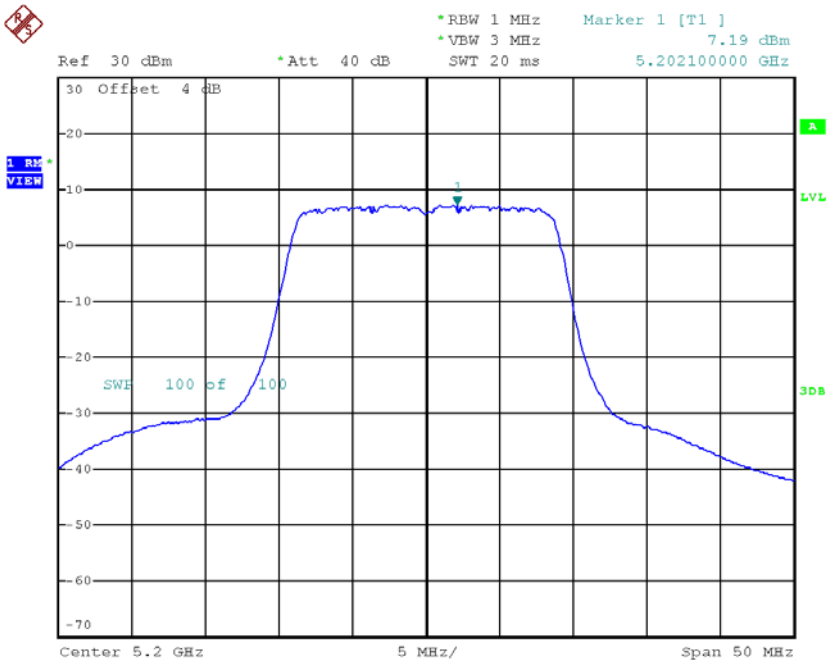
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.94	0.18	7.12	17.00
CH40	5200	7.19	0.18	7.37	17.00
CH48	5240	6.77	0.18	6.95	17.00

CH36

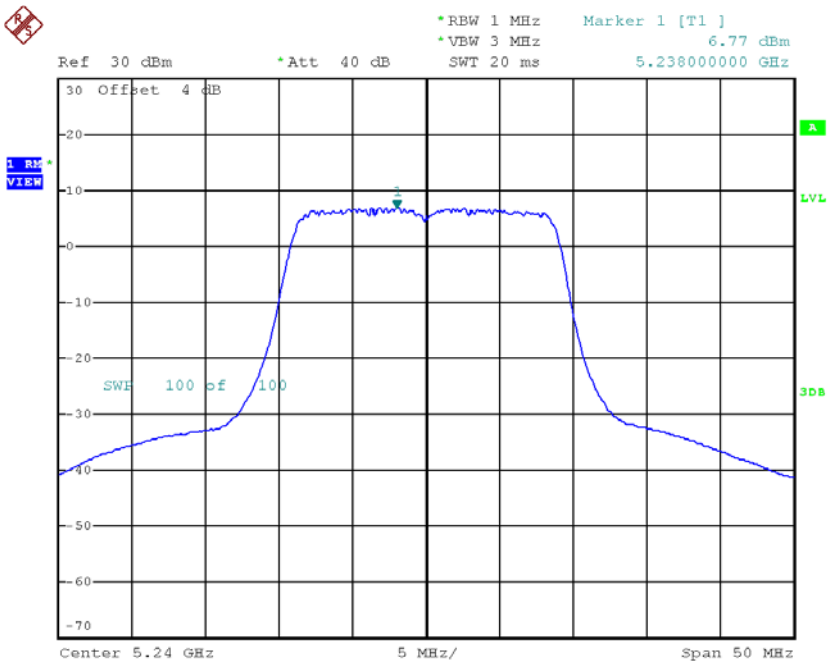


CH40



Date: 20.AUG.2017 13:29:18

CH48



Date: 20.AUG.2017 13:30:02

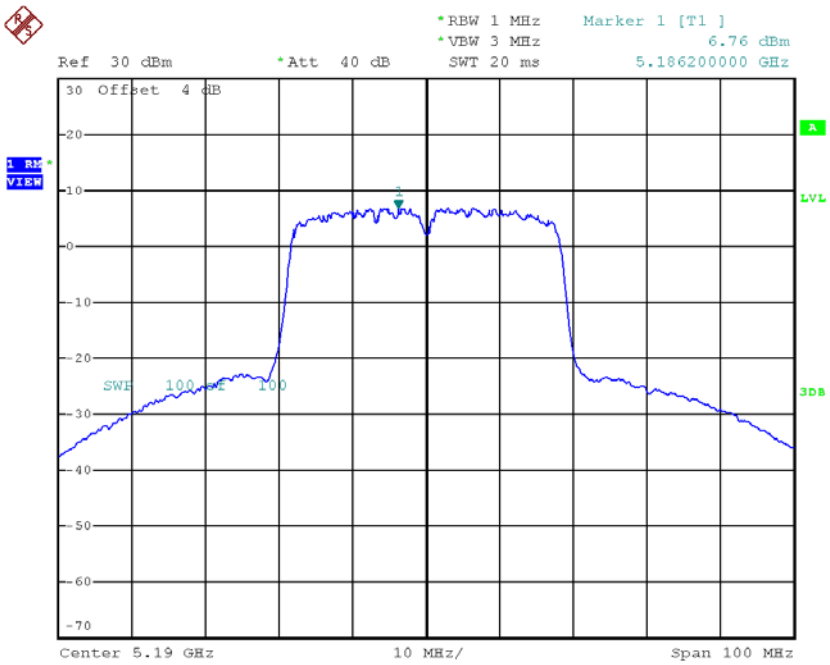
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	11.53	17.00
CH40	5200	11.86	17.00
CH48	5240	11.03	17.00

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

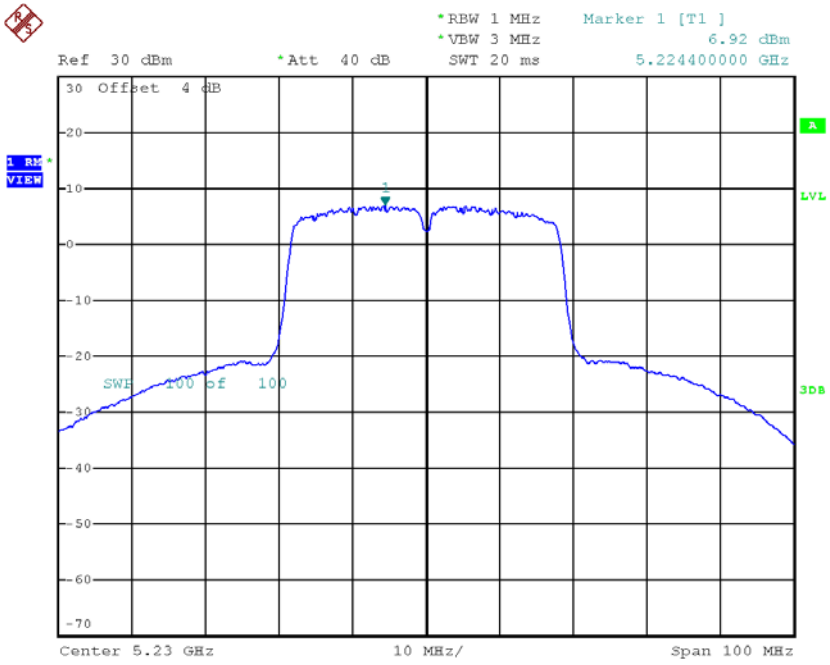
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	6.76	0.35	7.11	17.00
CH46	5230	6.92	0.35	7.27	17.00

CH38



Date: 20.AUG.2017 14:16:59

CH46

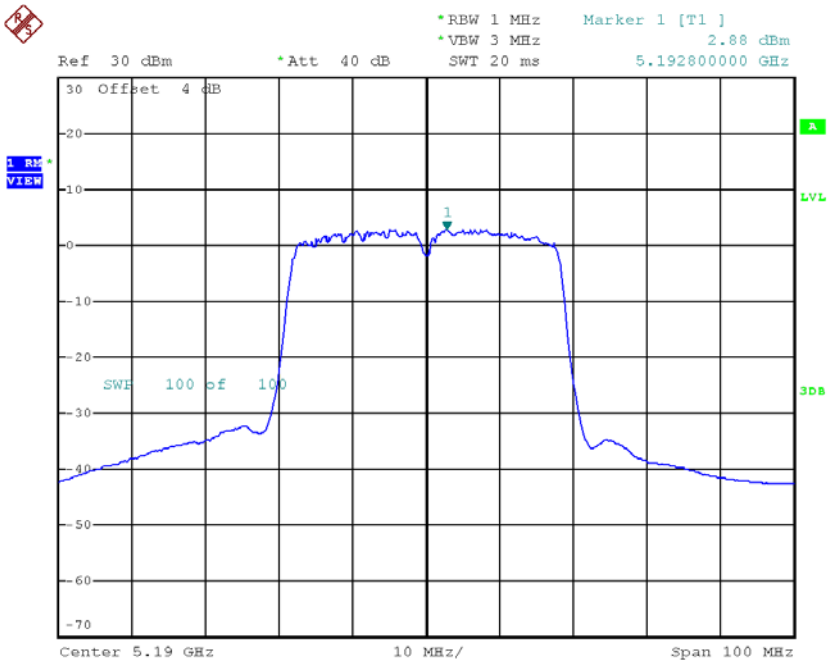


Date: 20.AUG.2017 14:18:21

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

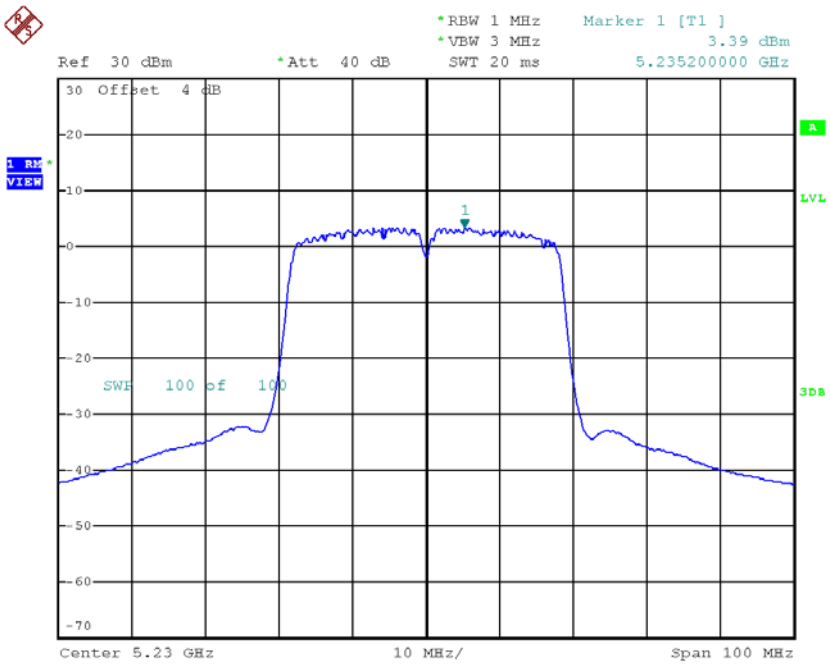
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.88	0.35	3.23	17.00
CH46	5230	3.39	0.35	3.74	17.00

CH38



Date: 20.AUG.2017 14:22:54

CH46



Date: 20.AUG.2017 14:24:06

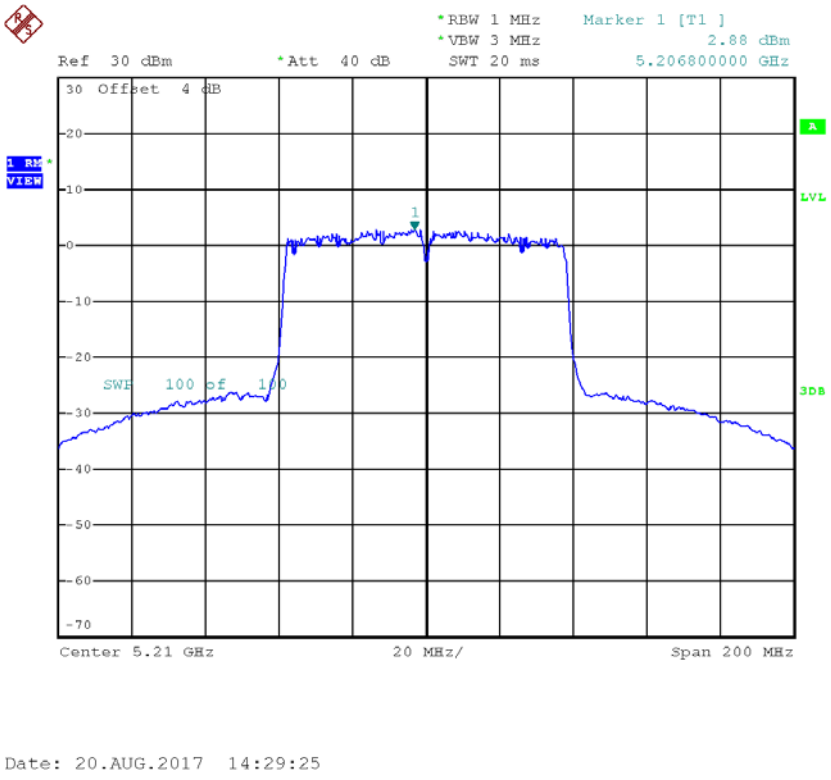
Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_Total			

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	8.60	17.00
CH46	5230	8.86	17.00

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	2.88	0.79	3.67	17.00

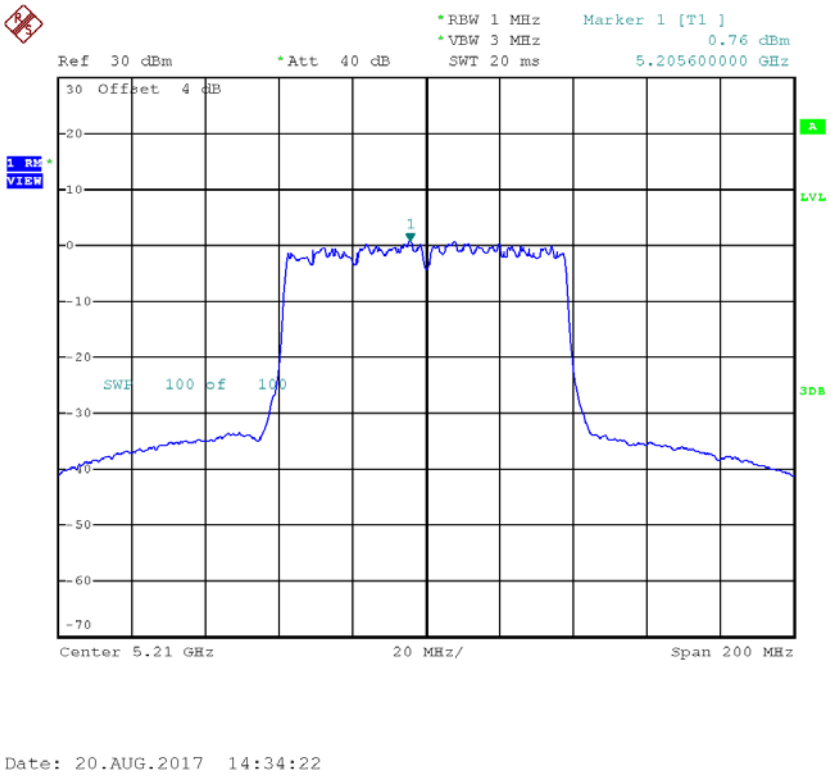
CH42



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	0.76	0.79	1.55	17.00

CH42

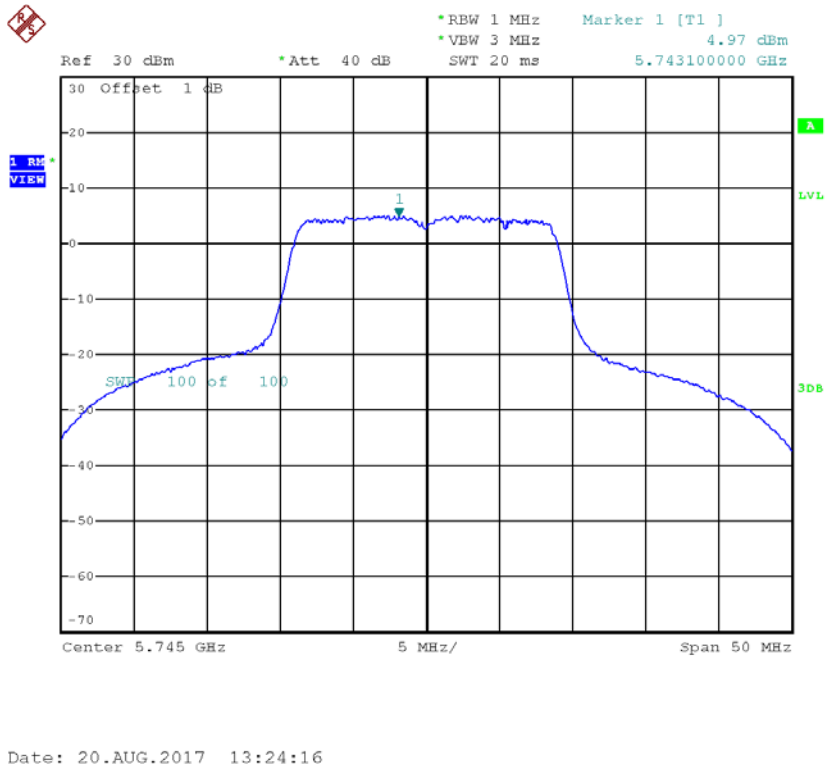


Test Mode: UNII-1/TX AC80 Mode_CH42_Total			
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	5.75	17.00

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

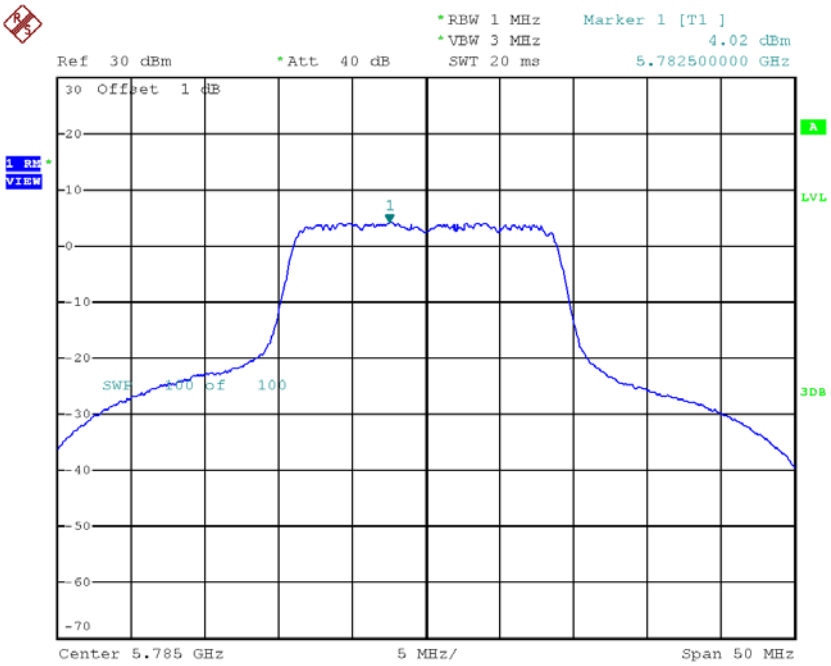
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	4.97	0.18	5.15	30.00
CH157	5785	4.02	0.18	4.20	30.00
CH165	5825	3.62	0.18	3.80	30.00

TX CH149



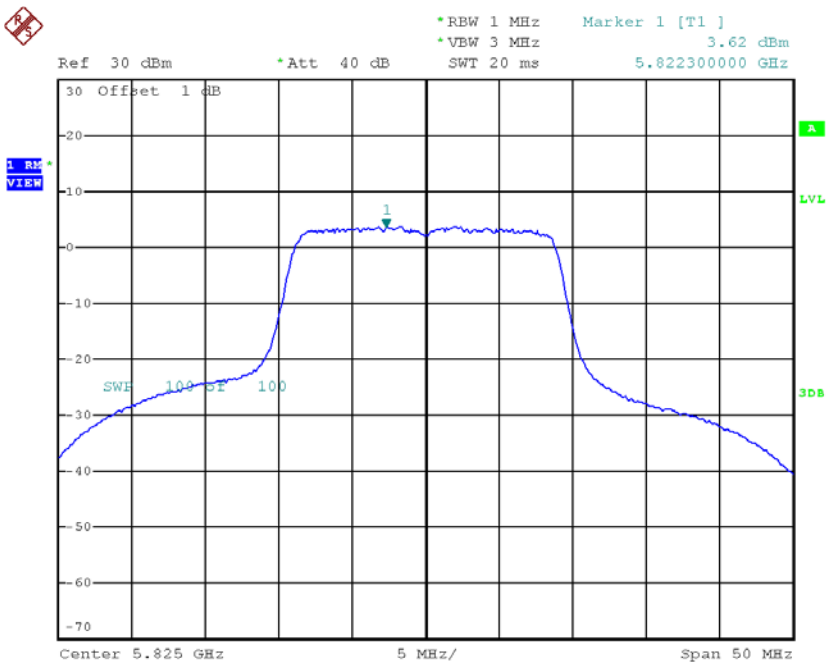
Date: 20.AUG.2017 13:24:16

TX CH157



Date: 20.AUG.2017 13:25:22

TX CH165

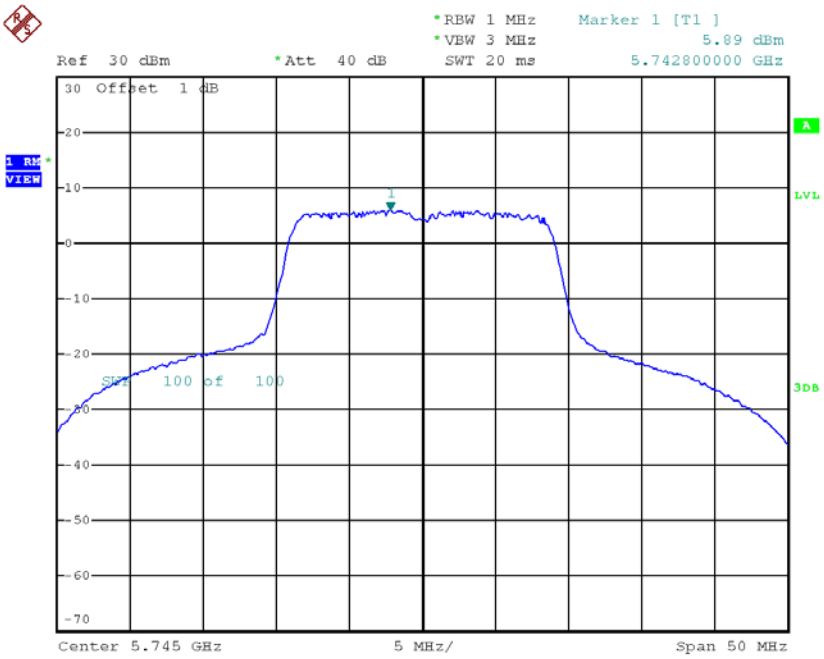


Date: 20.AUG.2017 13:26:30

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 2

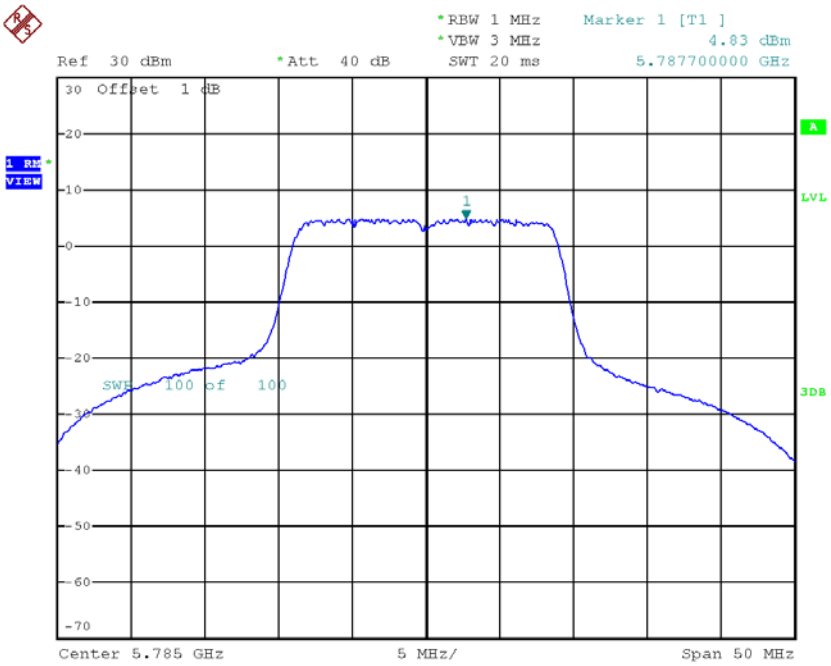
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	5.89	0.18	6.07	30.00
CH157	5785	4.83	0.18	5.01	30.00
CH165	5825	4.29	0.18	4.47	30.00

TX CH149



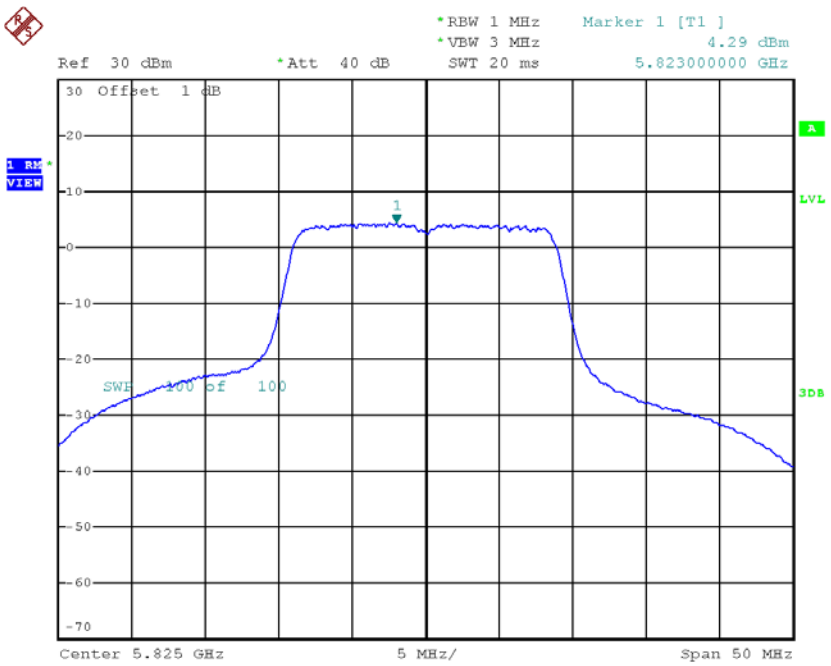
Date: 20.AUG.2017 13:30:55

TX CH157



Date: 20.AUG.2017 13:31:46

TX CH165



Date: 20.AUG.2017 13:32:41

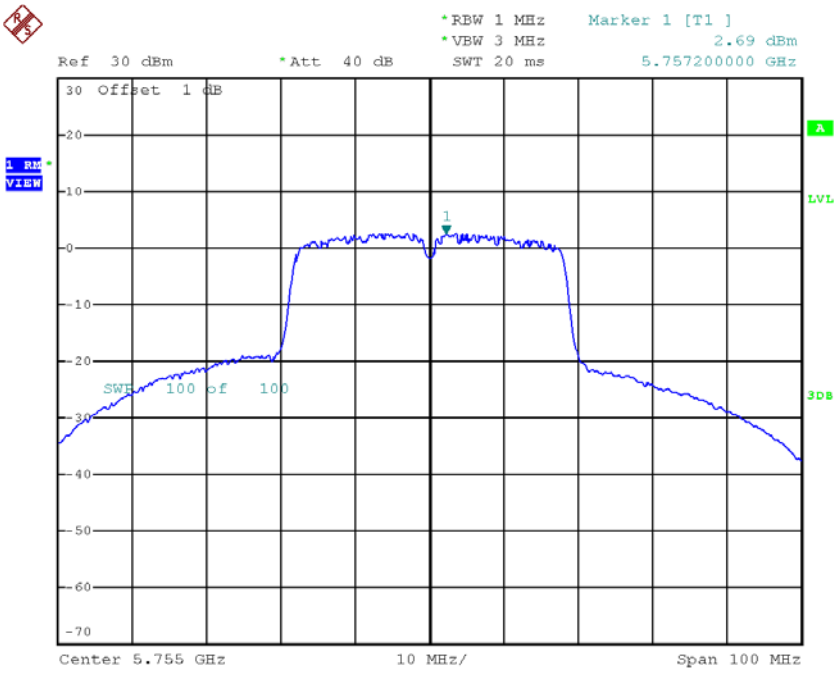
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	8.64	30.00
CH157	5785	7.63	30.00
CH165	5825	7.16	30.00

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 1

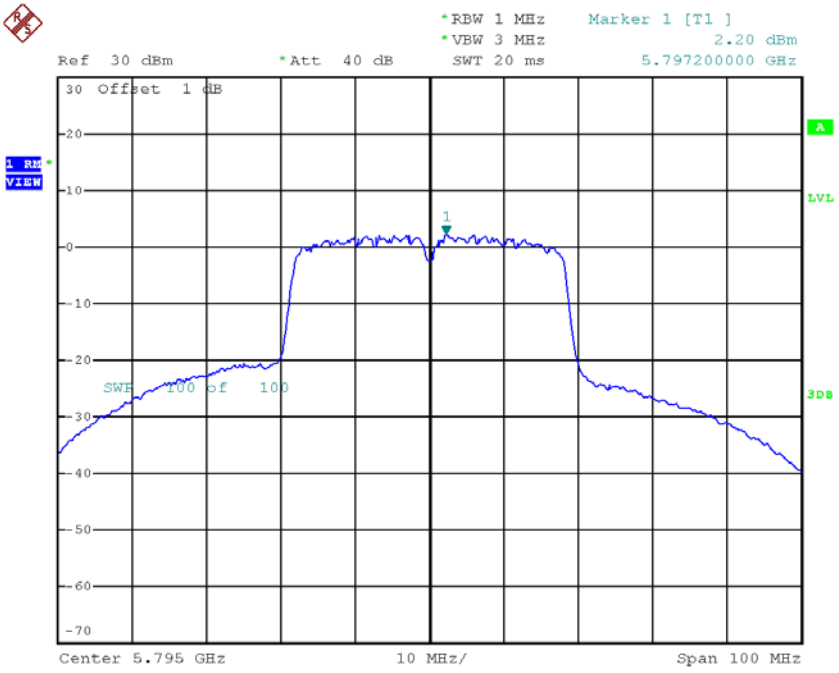
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	2.69	0.35	3.04	30.00
CH159	5795	2.20	0.35	2.55	30.00

TX CH151



Date: 20.AUG.2017 14:19:49

TX CH159

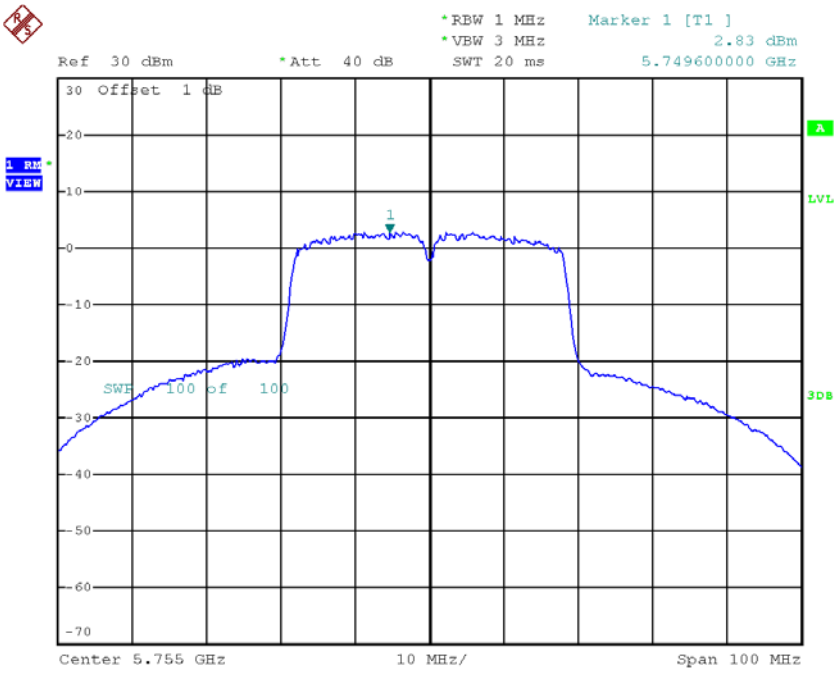


Date: 20.AUG.2017 14:20:55

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 2

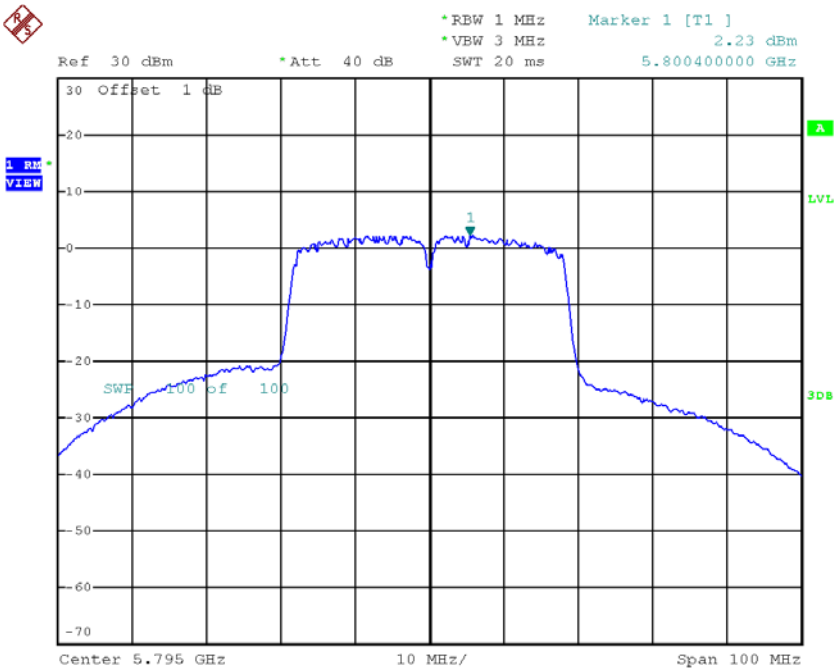
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	2.83	0.35	3.18	30.00
CH159	5795	2.23	0.35	2.58	30.00

TX CH151



Date: 20.AUG.2017 14:25:14

TX CH159



Date: 20.AUG.2017 14:26:10

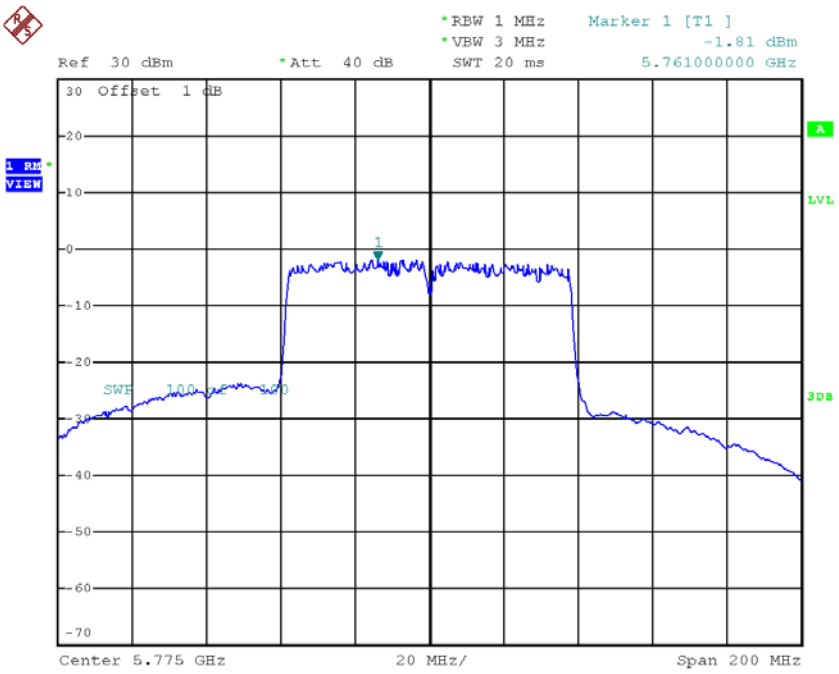
Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	6.12	30.00
CH159	5795	5.58	30.00

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-1.81	0.79	-1.02	30.00

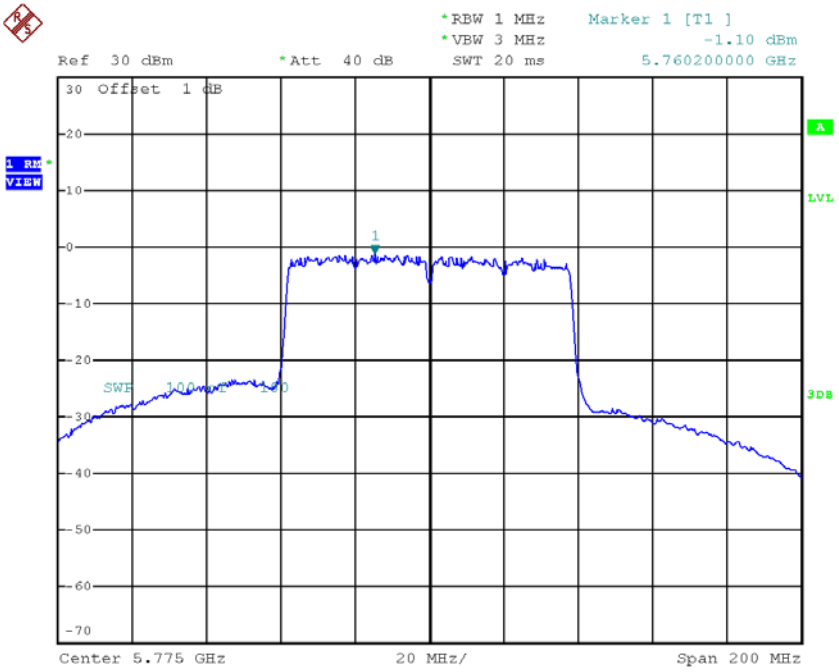
TX CH155



Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-1.10	0.79	-0.31	30.00

TX CH155



Date: 20.AUG.2017 14:35:41

Test Mode: UNII-3/ TX AC80 Mode_CH155_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	2.36	30.00

APPENDIX H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9580
120	5179.9588
108	5179.9600
Max. Deviation (MHz)	0.0420
Max. Deviation (ppm)	8.1081

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180.0000
0	5179.9604
10	5179.9604
20	5179.9608
30	5179.9612
40	5179.9608
Max. Deviation (MHz)	0.0396
Max. Deviation (ppm)	7.6448

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9536
120	5744.9540
108	5744.9548
Max. Deviation (MHz)	0.0464
Max. Deviation (ppm)	8.0766

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5745.0000
0	5744.9556
10	5744.9548
20	5744.9552
30	5744.9552
40	5744.9552
Max. Deviation (MHz)	0.0452
Max. Deviation (ppm)	7.8677