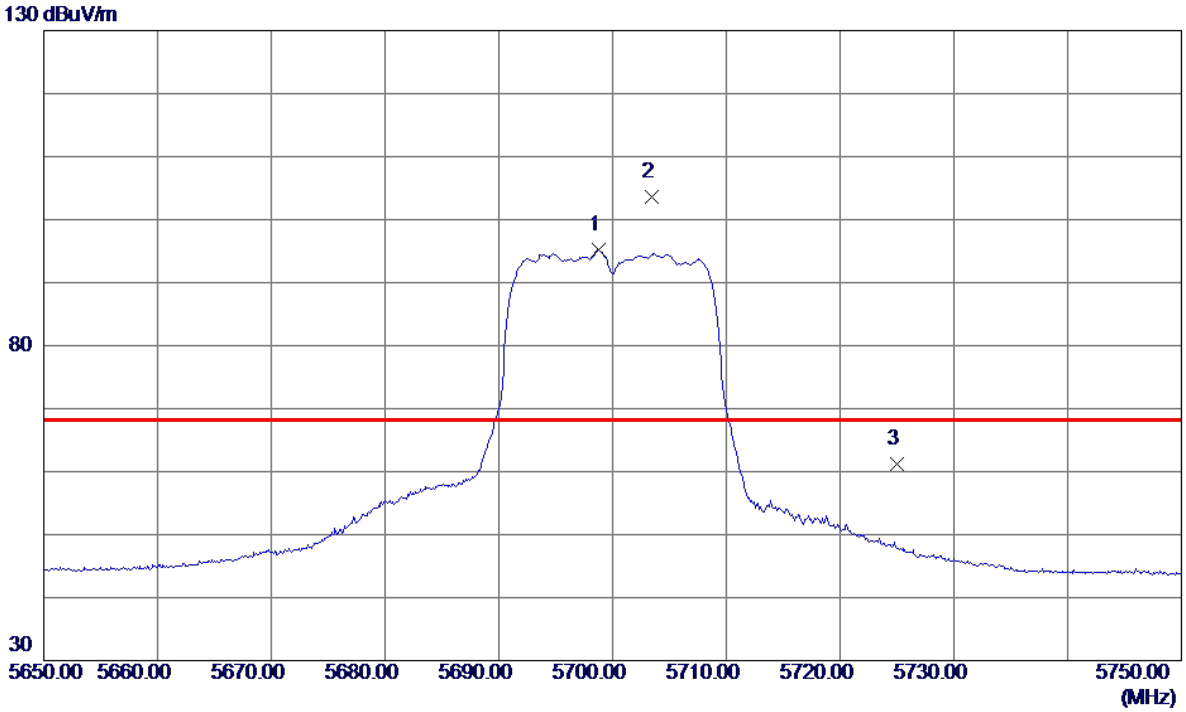
Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

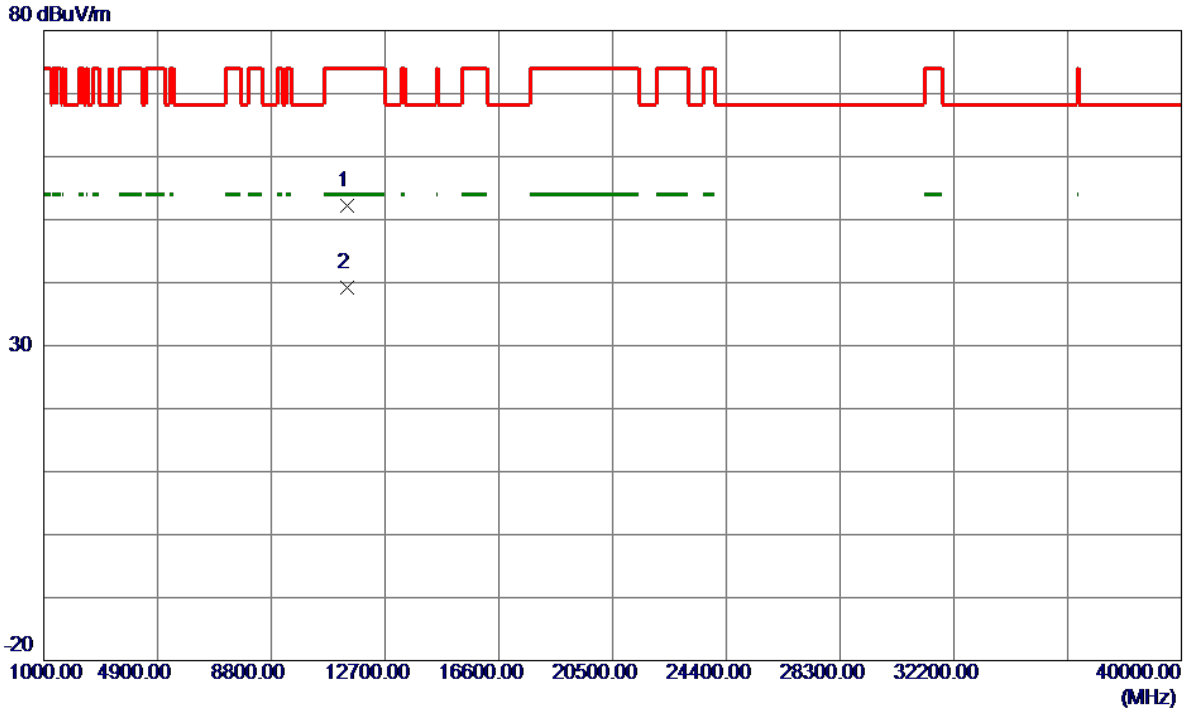
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5698.8000	76.79	18.34	95.13	999.00	-903.87	AVG	No Limit
2 *	5703.4000	85.17	18.36	103.53	68.30	35.23	Peak	No Limit
3	5725.0000	42.72	18.44	61.16	68.30	-7.14	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

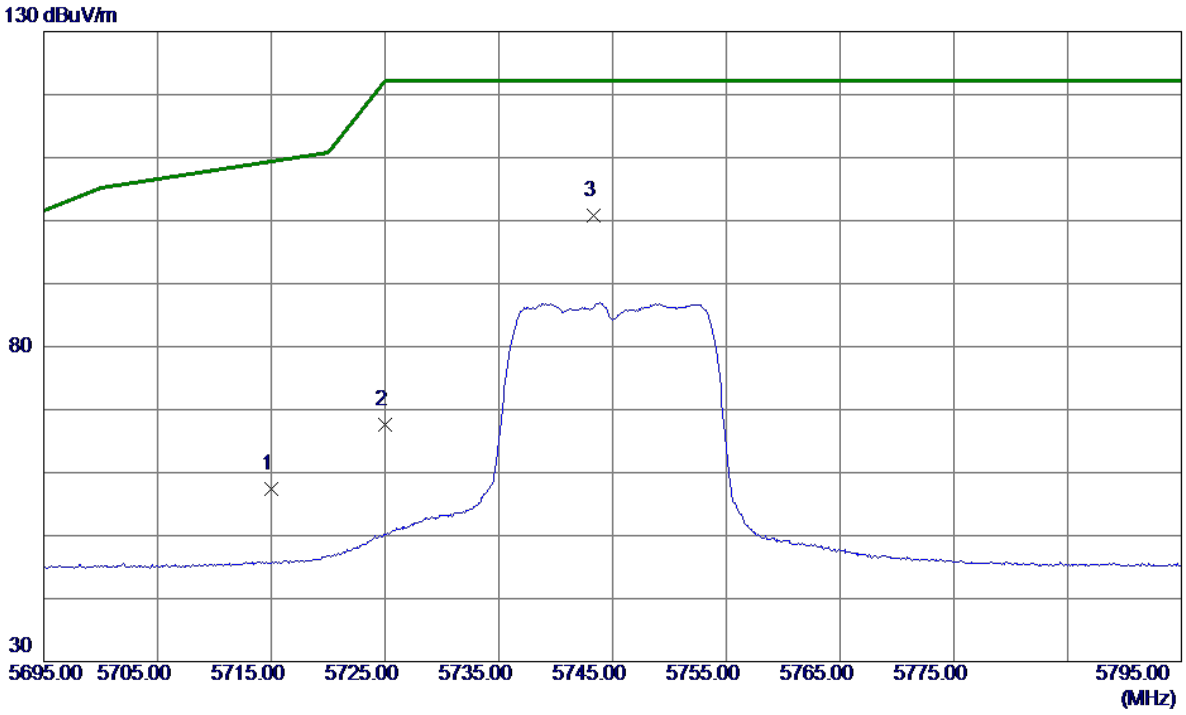
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11389.7000	36.36	15.84	52.20	74.00	-21.80	Peak	
2 *	11401.2500	23.35	15.85	39.20	54.00	-14.80	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

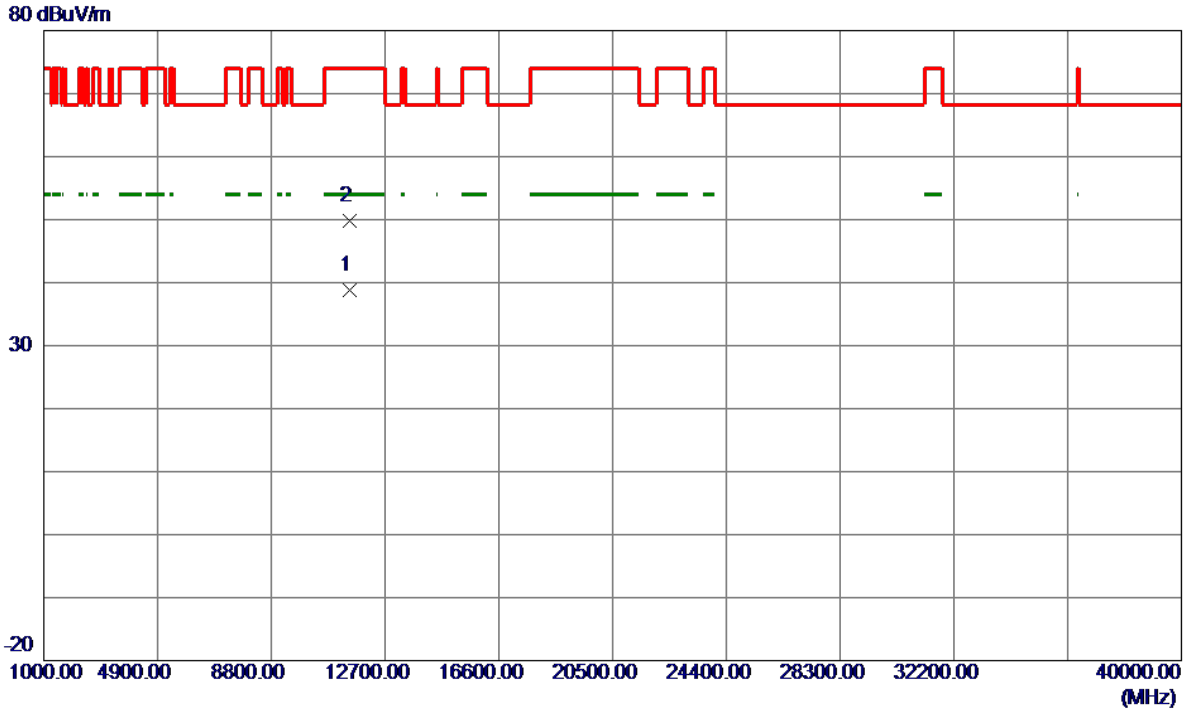
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	39.06	18.40	57.46	109.40	-51.94	Peak	
2	5725.0000	49.08	18.44	67.52	122.20	-54.68	Peak	
3 *	5743.3000	82.34	18.50	100.84	122.20	-21.36	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

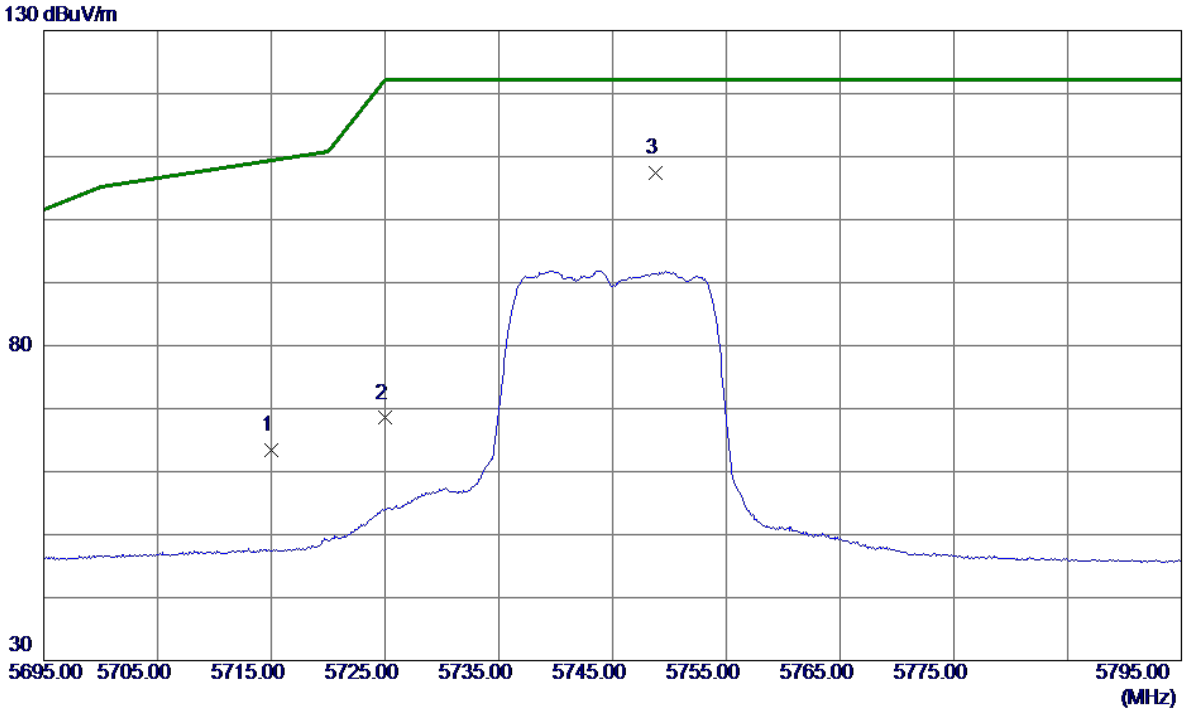
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11488.8000	22.94	15.94	38.88	54.00	-15.12	AVG	
2	11493.7000	33.94	15.95	49.89	74.00	-24.11	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

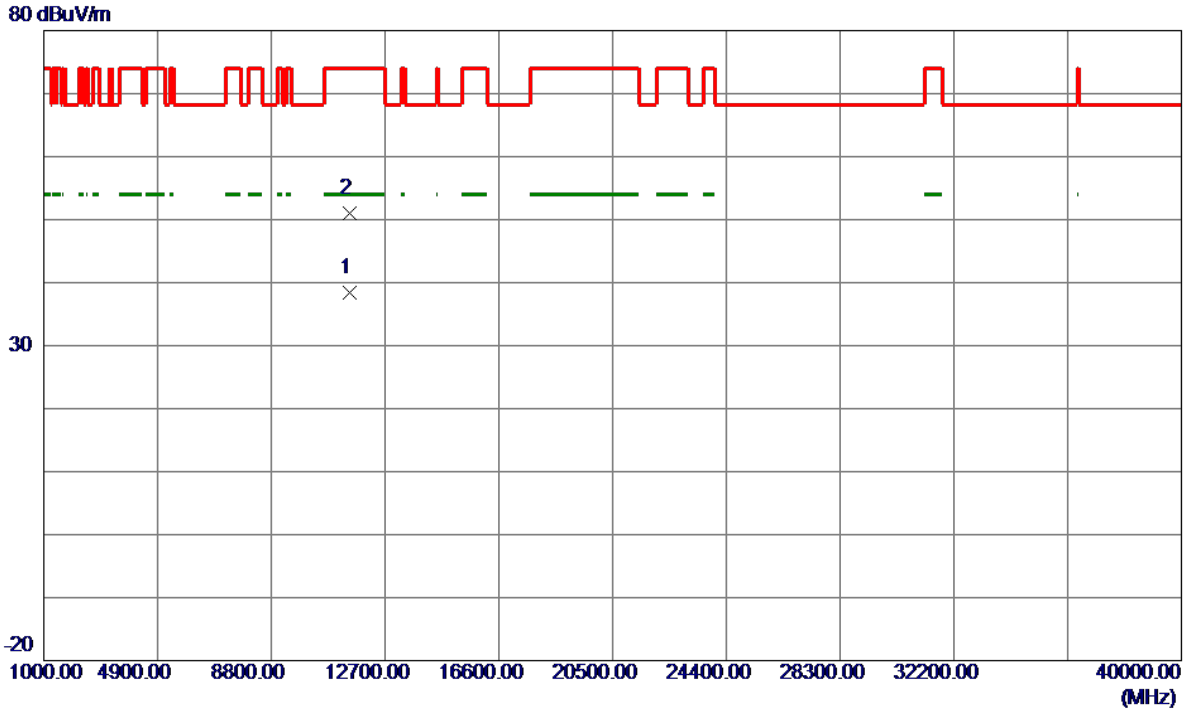
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	45.07	18.40	63.47	109.40	-45.93	Peak	
2	5725.0000	50.06	18.44	68.50	122.20	-53.70	Peak	
3 *	5748.8000	88.93	18.52	107.45	122.20	-14.75	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

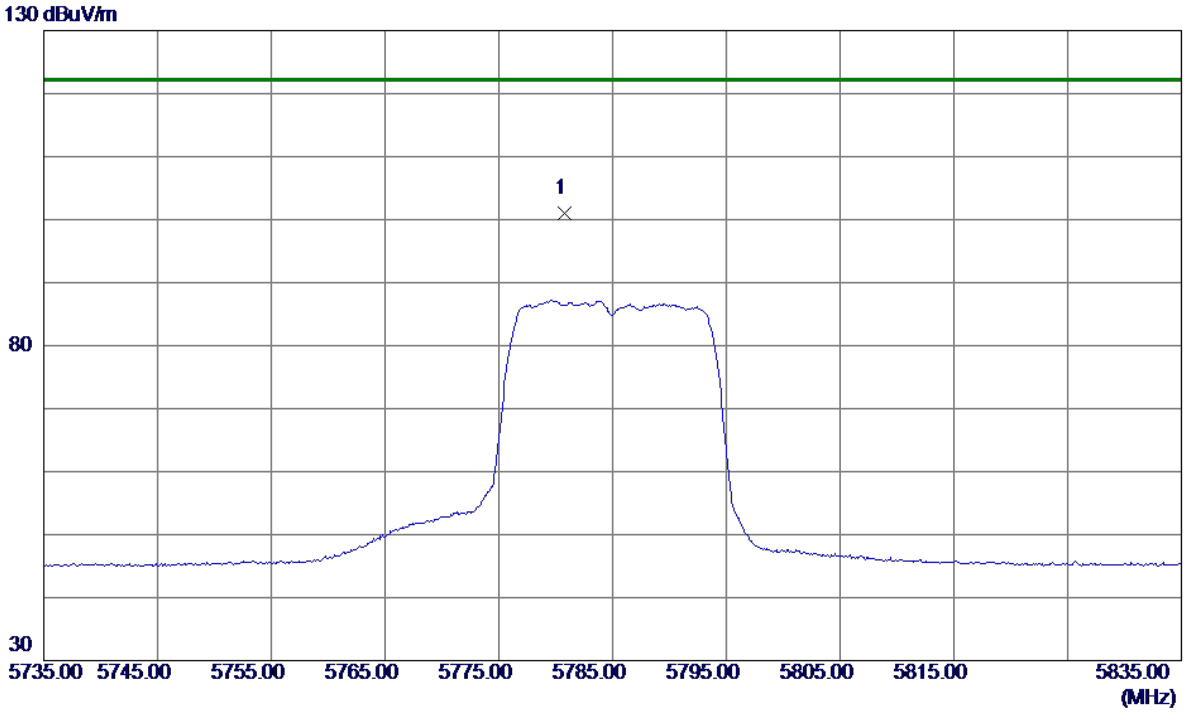
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11488.6500	22.51	15.94	38.45	54.00	-15.55	AVG	
2	11490.1500	34.97	15.94	50.91	74.00	-23.09	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

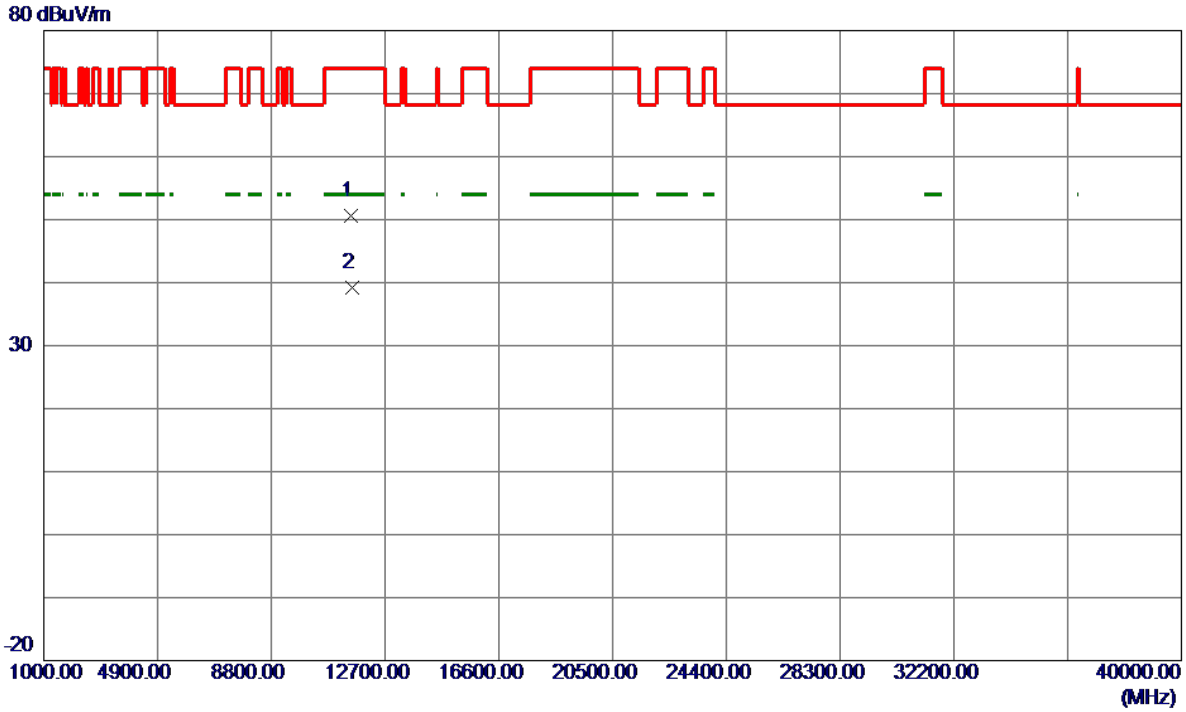
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5780.8000	82.37	18.63	101.00	122.20	-21.20	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

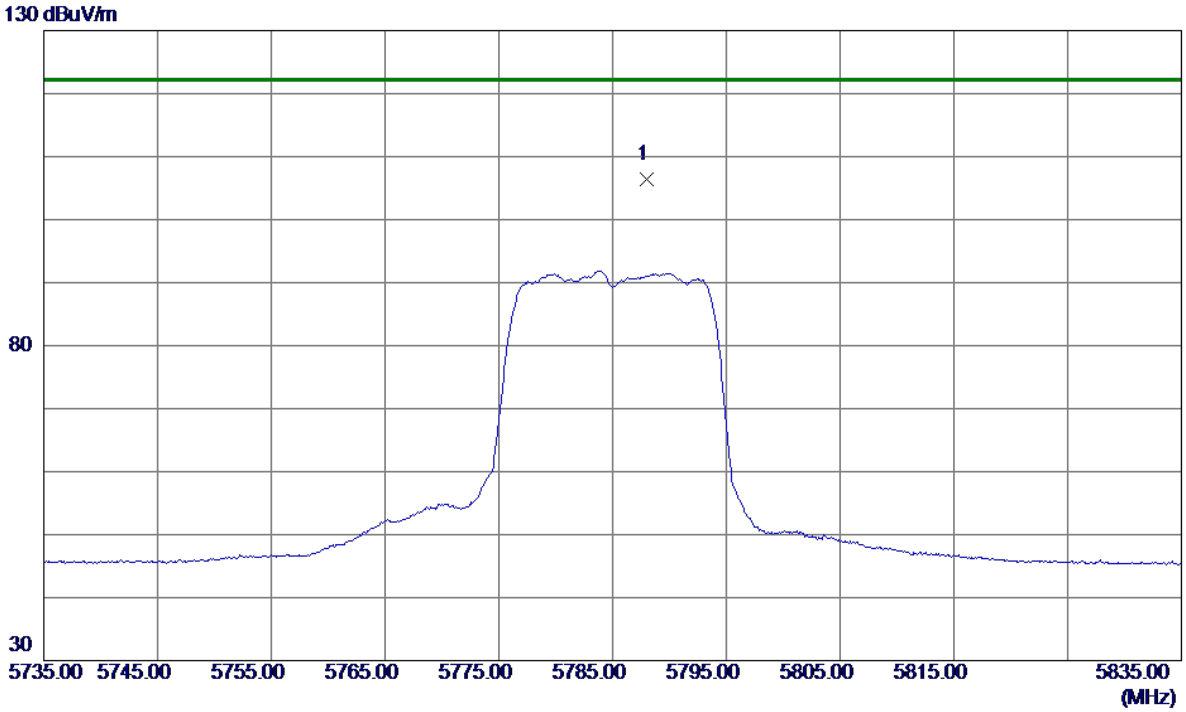
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11544.7000	34.68	15.98	50.66	74.00	-23.34	Peak	
2 *	11571.2000	23.14	15.99	39.13	54.00	-14.87	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

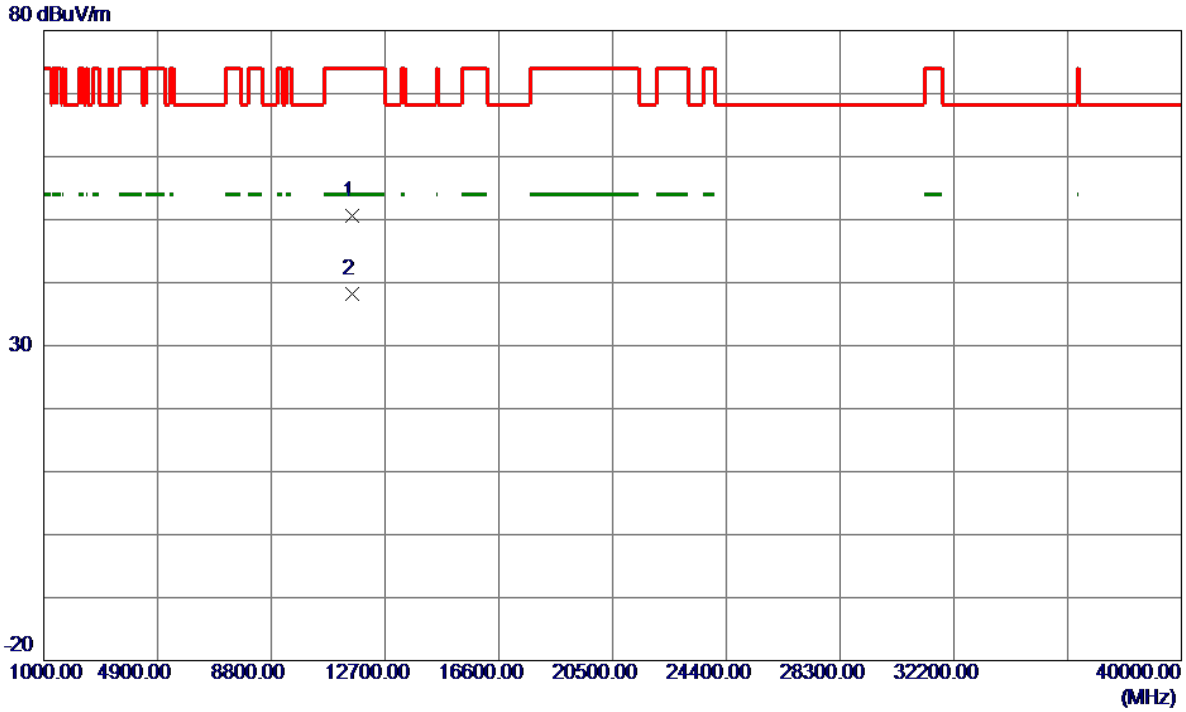
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5788.0000	87.66	18.66	106.32	122.20	-15.88	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

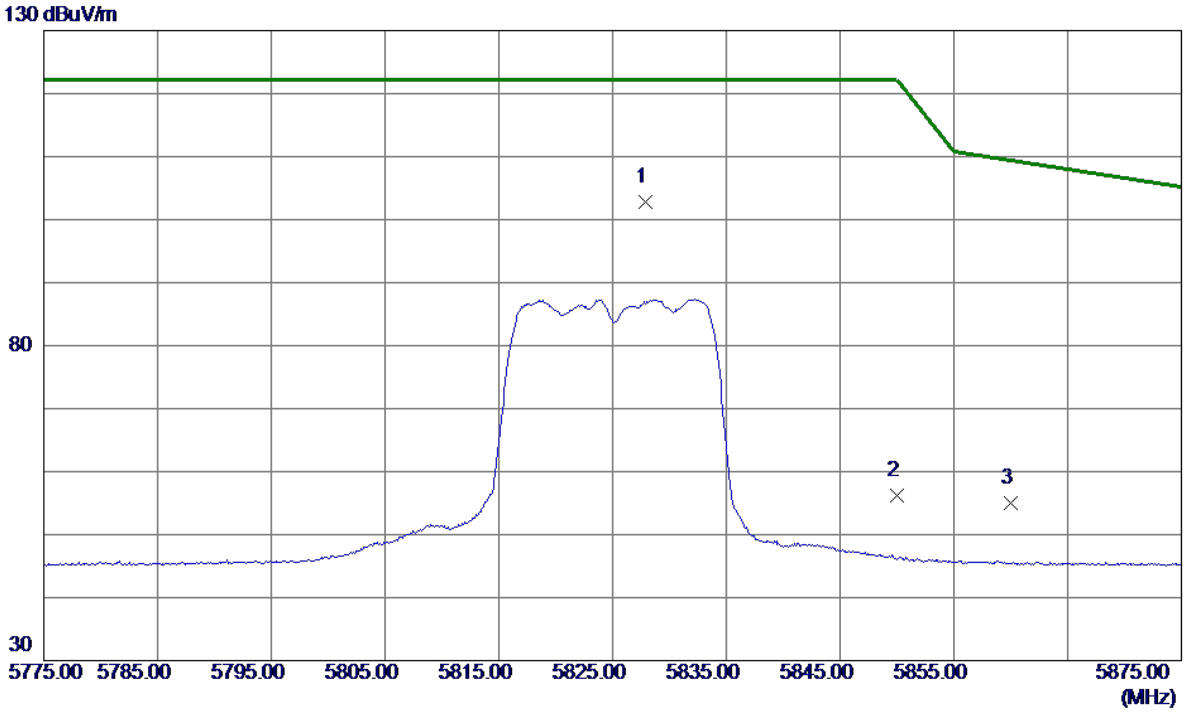
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11562.7000	34.65	15.99	50.64	74.00	-23.36	Peak	
2 *	11568.6500	22.24	15.99	38.23	54.00	-15.77	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

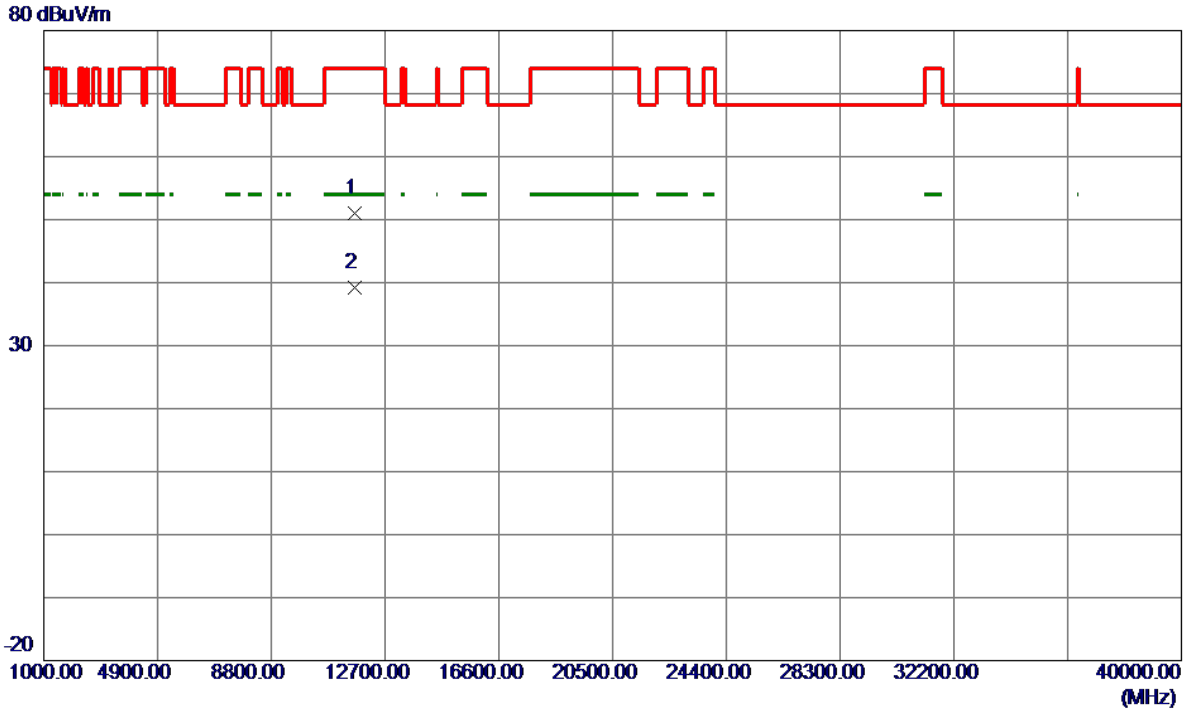
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5827.9000	83.92	18.80	102.72	122.20	-19.48	Peak	
2	5850.0000	37.30	18.88	56.18	122.20	-66.02	Peak	
3	5860.0000	36.07	18.91	54.98	109.40	-54.42	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

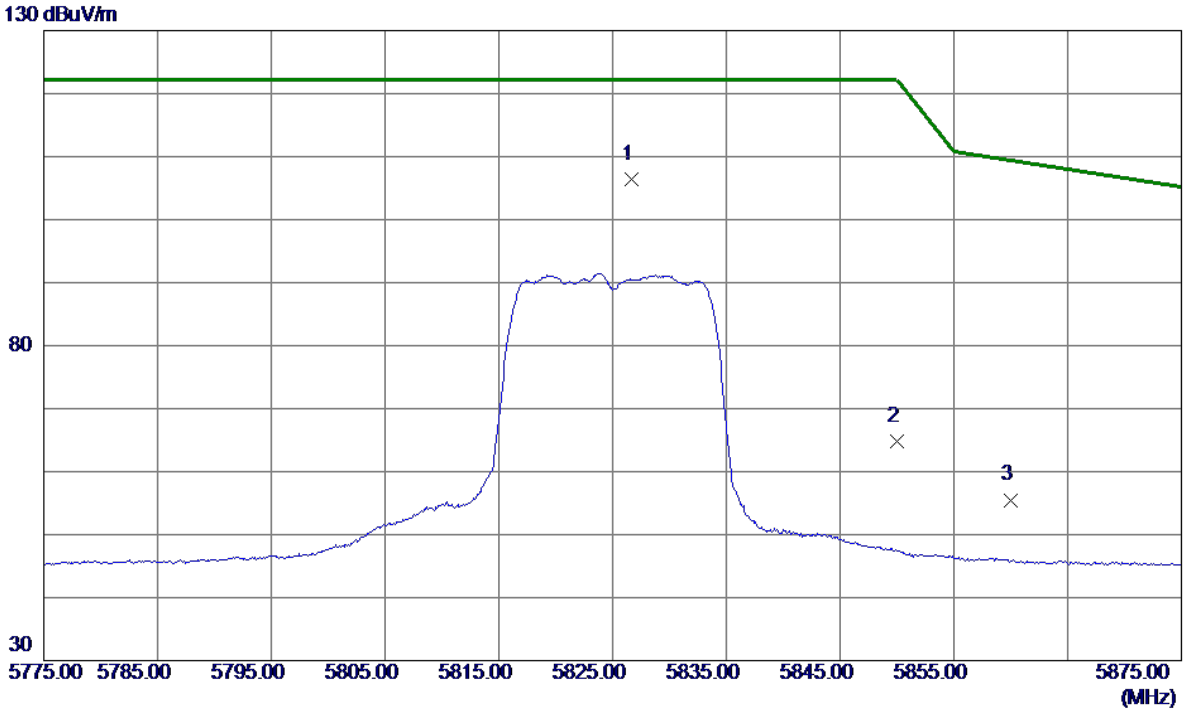
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.5000	34.96	16.03	50.99	74.00	-23.01	Peak	
2 *	11651.4000	23.24	16.04	39.28	54.00	-14.72	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

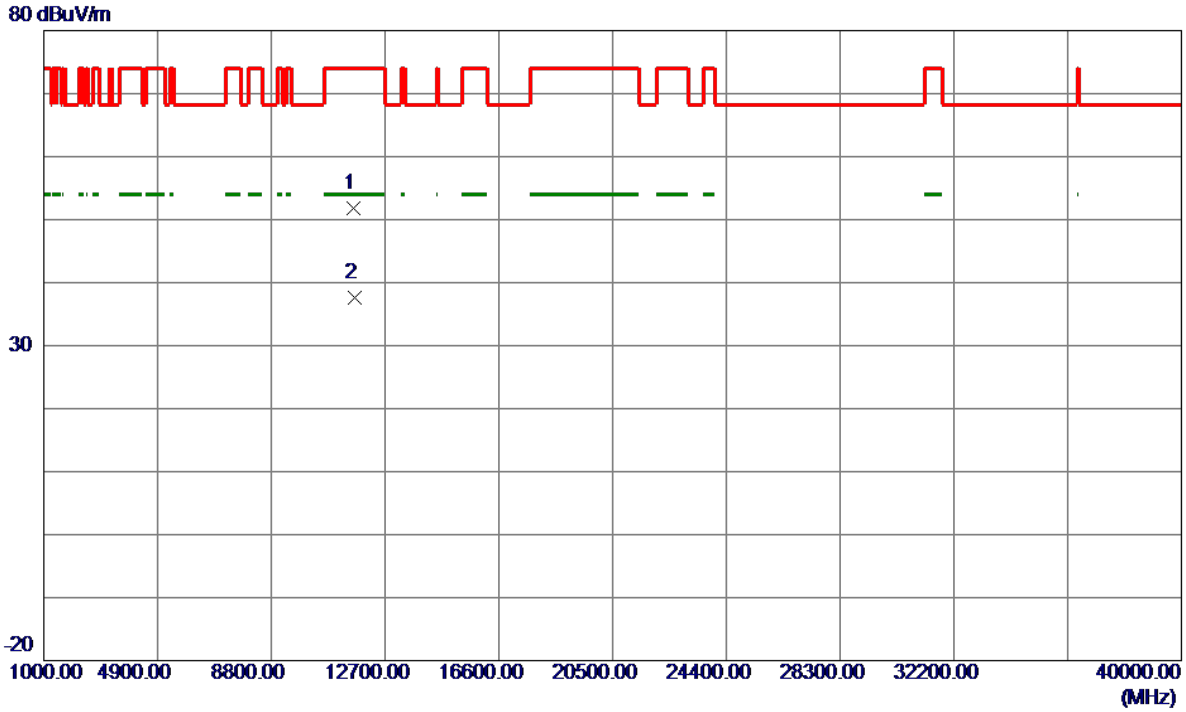
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5826.7000	87.52	18.80	106.32	122.20	-15.88	Peak	
2	5850.0000	45.83	18.88	64.71	122.20	-57.49	Peak	
3	5860.0000	36.59	18.91	55.50	109.40	-53.90	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11633.1000	35.83	16.03	51.86	74.00	-22.14	Peak	
2 *	11650.1500	21.66	16.03	37.69	54.00	-16.31	AVG	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

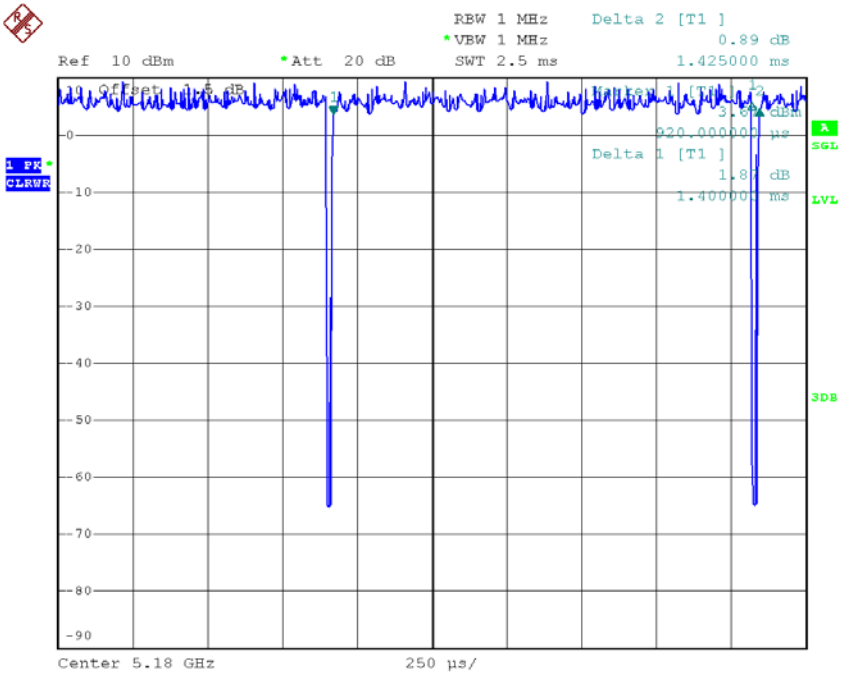
T_{ON}: 1.400 msec

T_{Total}: 1.425 msec

Duty cycle: 98.246%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.08



Date: 8.APR.2018 15:46:55

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 N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

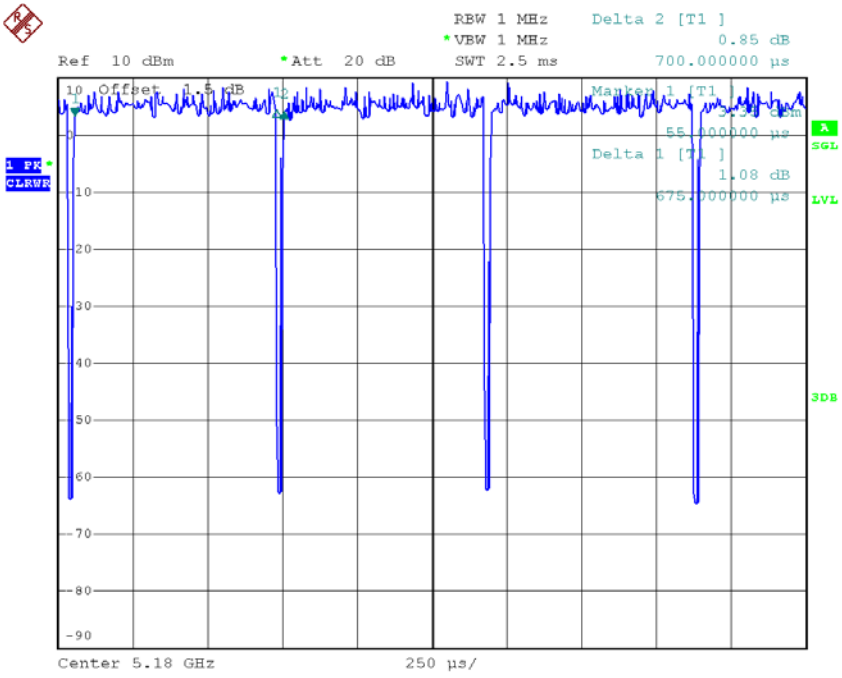
T_{ON}: 0.675 msec

T_{Total}: 0.700 msec

Duty cycle: 96.429%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.16



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}

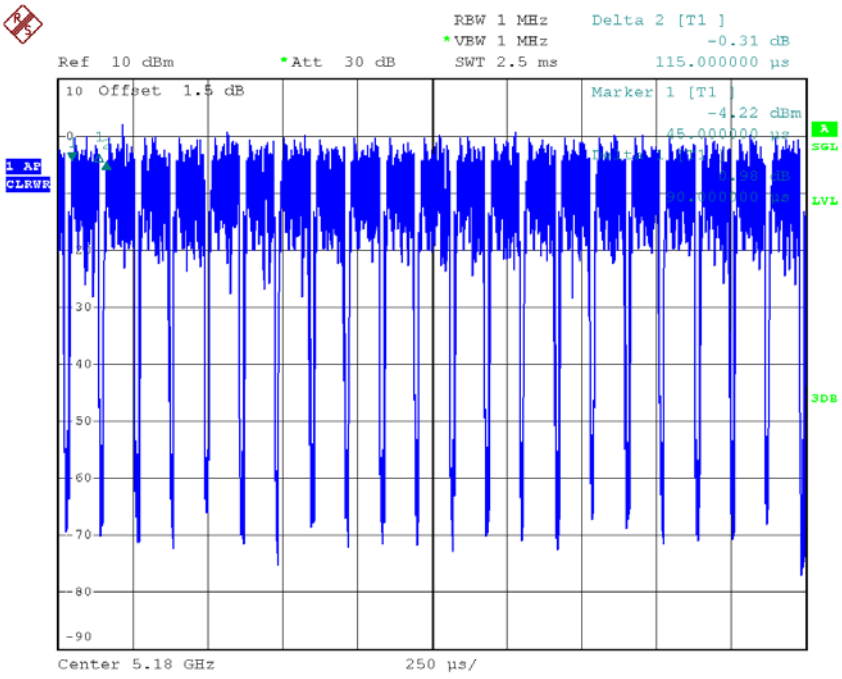
T_{ON}: 0.090 msec

T_{Total}: 0.115 msec

Duty cycle: 78.261%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.06



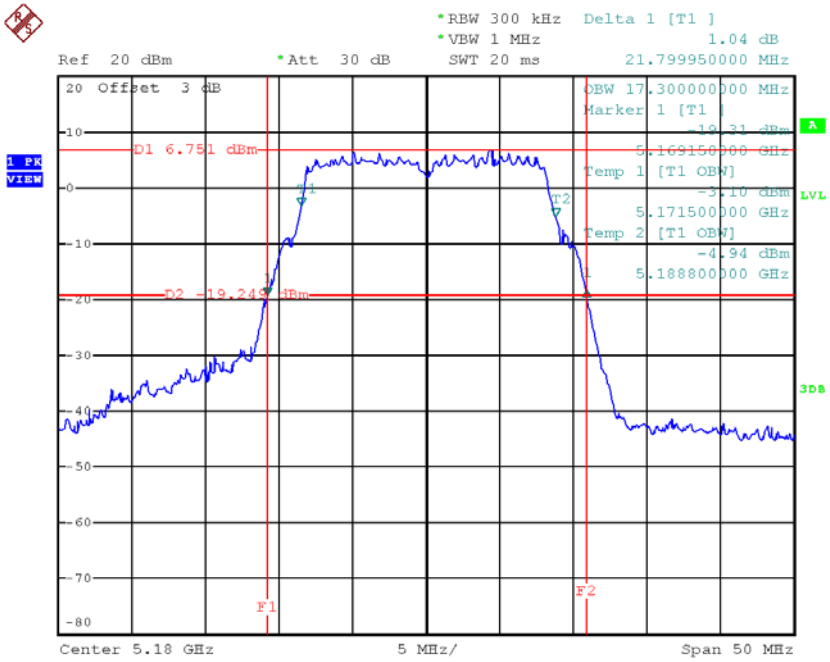
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

APPENDIX E - BANDWIDTH

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

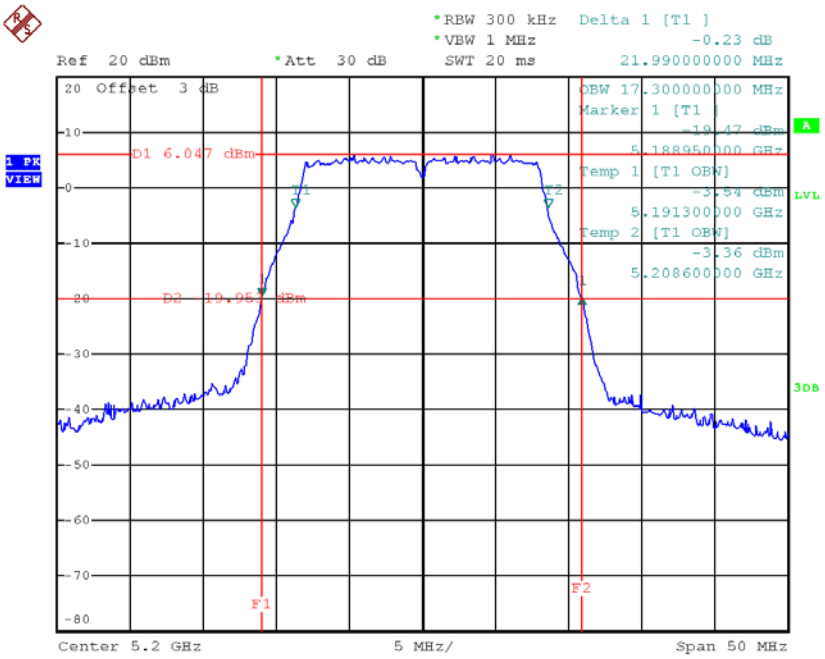
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.80	17.30
CH40	5200	21.99	17.30
CH48	5240	21.90	17.30

TX CH36



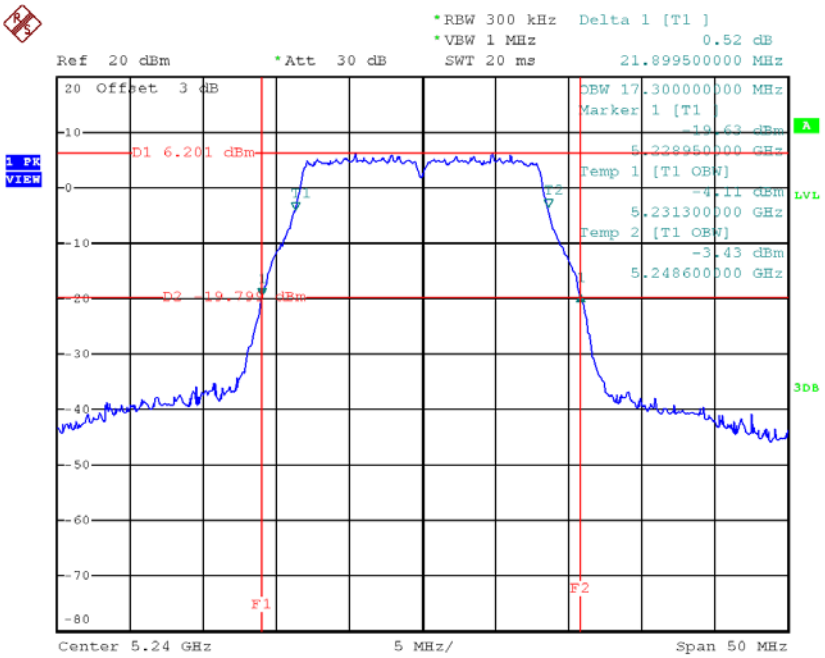
Date: 17.APR.2018 17:40:57

TX CH40



Date: 17.APR.2018 19:21:34

TX CH48

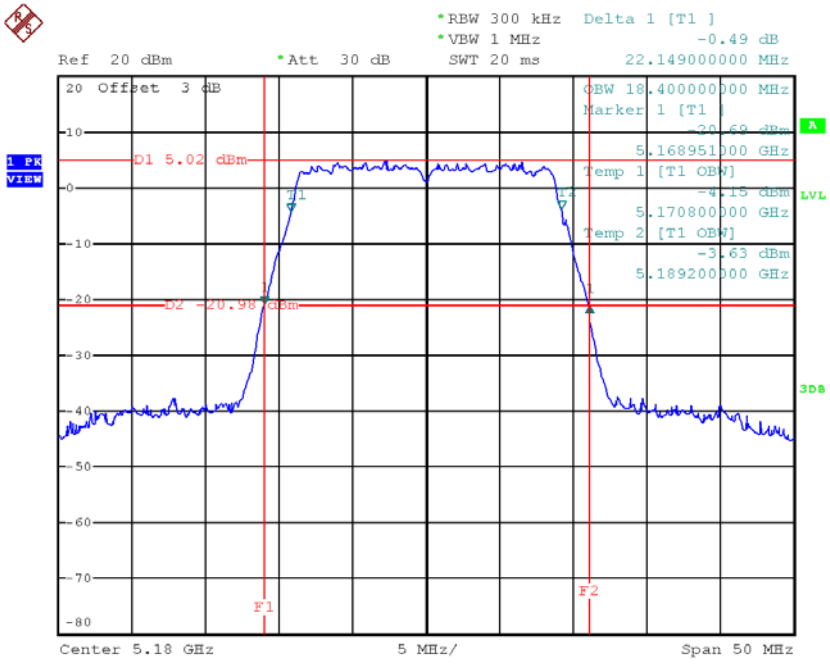


Date: 17.APR.2018 19:22:27

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

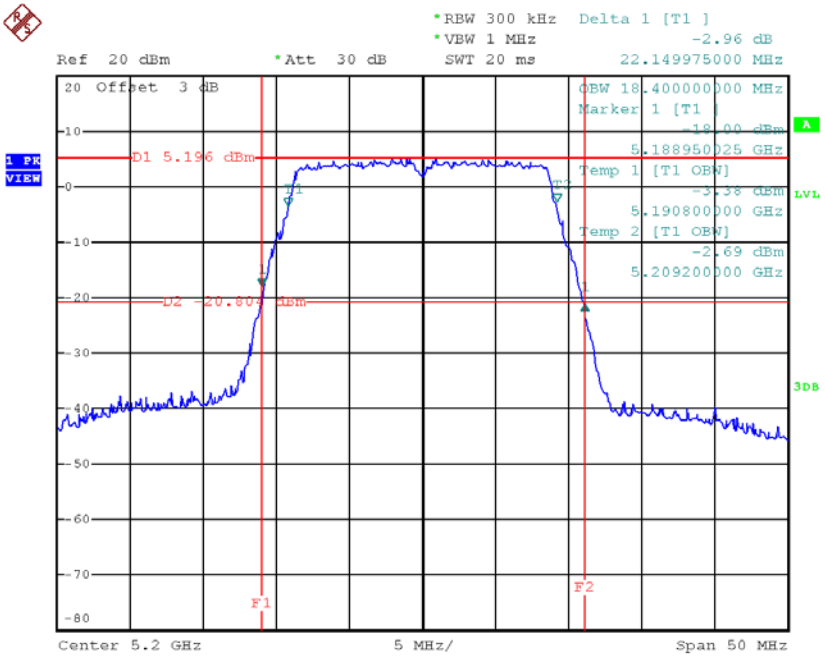
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.15	18.40
CH40	5200	22.15	18.40
CH48	5240	22.25	18.40

TX CH36



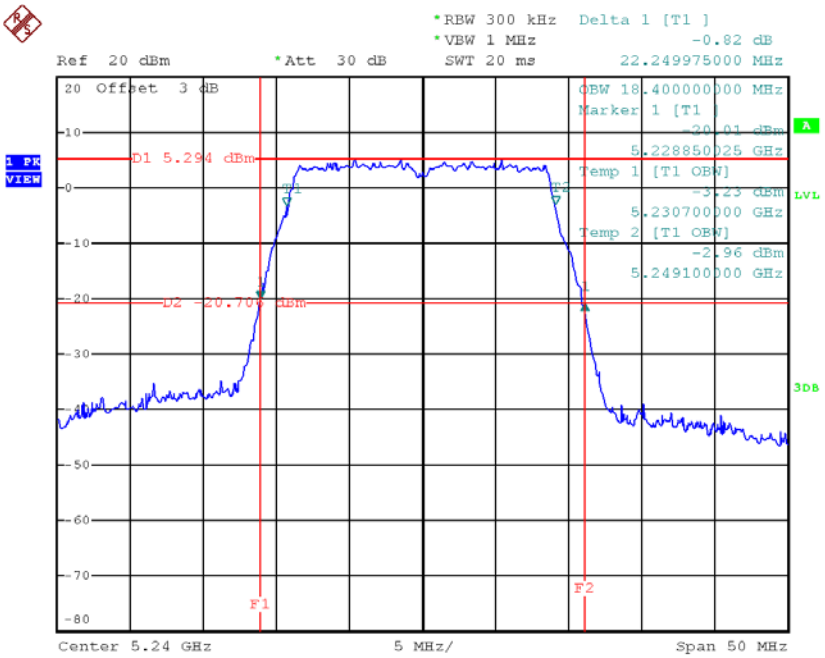
Date: 17.APR.2018 19:26:55

TX CH40



Date: 17.APR.2018 19:28:22

TX CH48

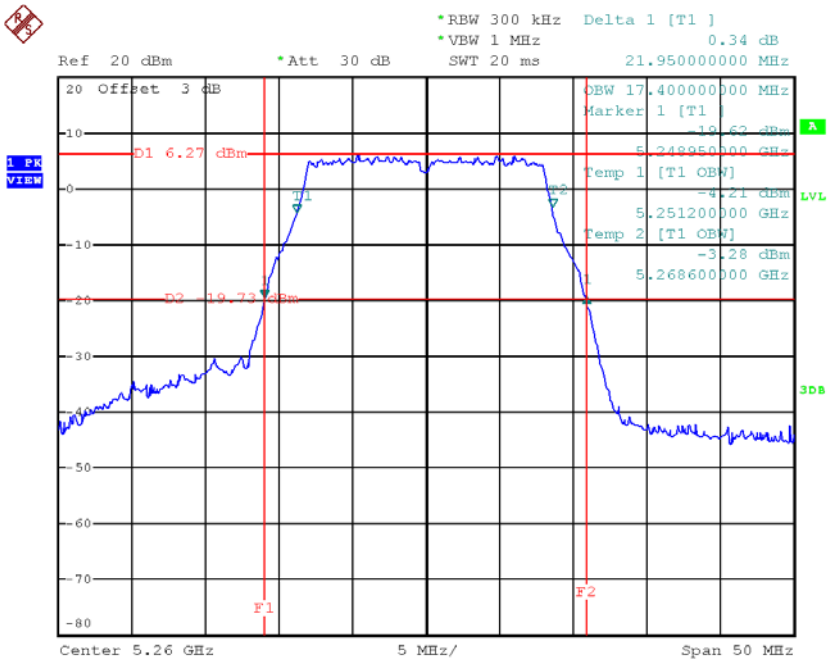


Date: 17.APR.2018 19:29:34

Test Mode: UNII-2A/TX A Mode_CH52/CH60/CH64

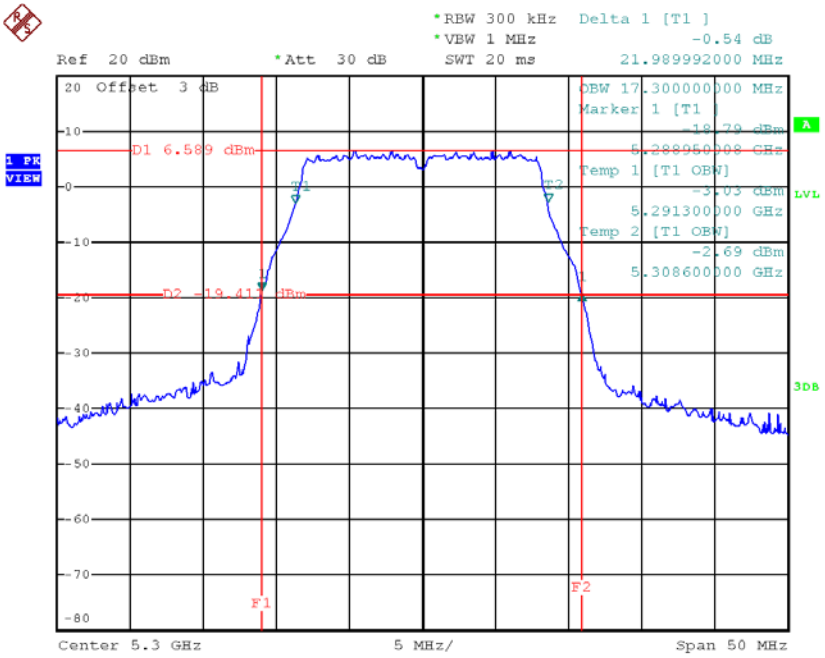
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	21.95	17.40
CH60	5300	21.99	17.30
CH64	5320	21.80	17.20

TX CH52



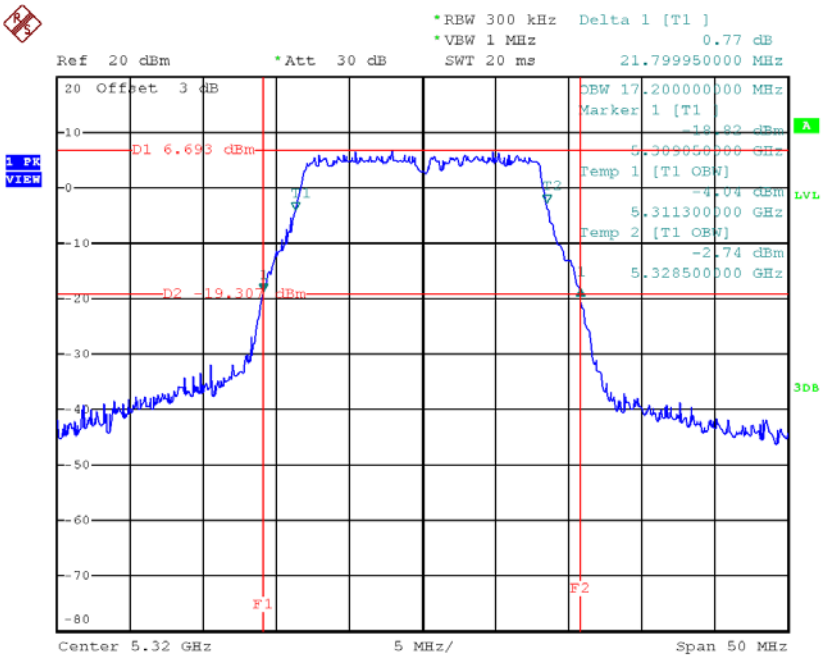
Date: 18.APR.2018 15:46:13

TX CH60



Date: 18.APR.2018 15:47:28

TX CH64

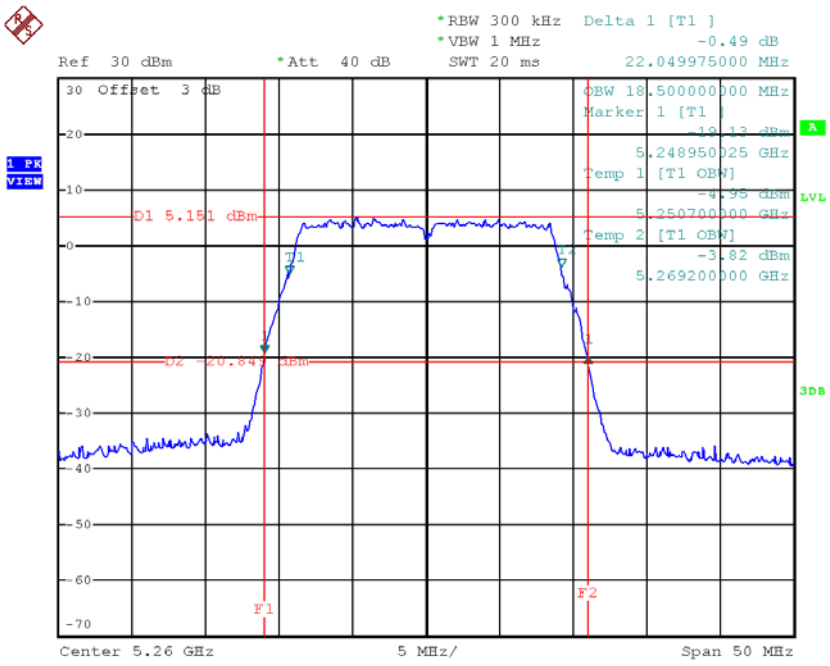


Date: 18.APR.2018 15:49:01

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64

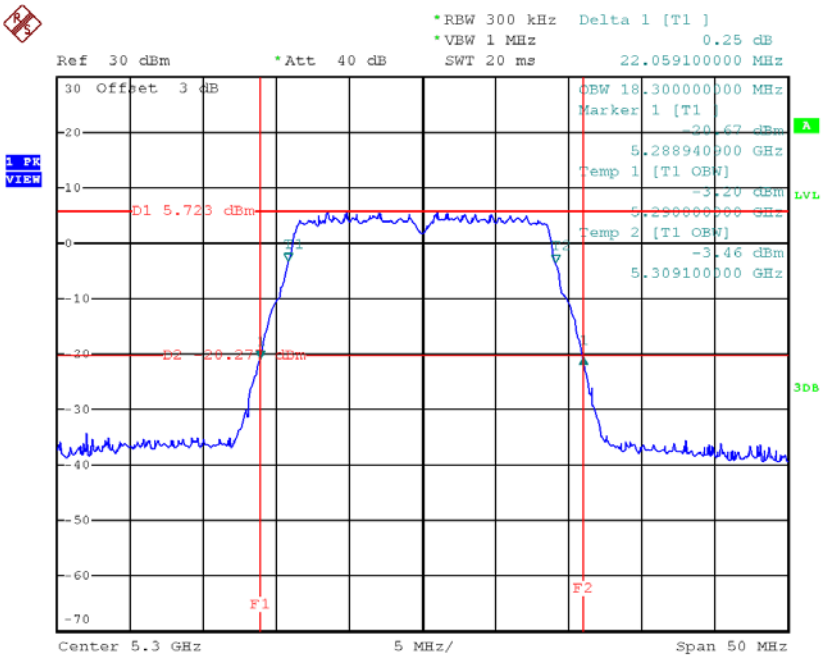
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	22.05	18.50
CH60	5300	22.06	18.30
CH64	5320	22.00	18.40

TX CH52



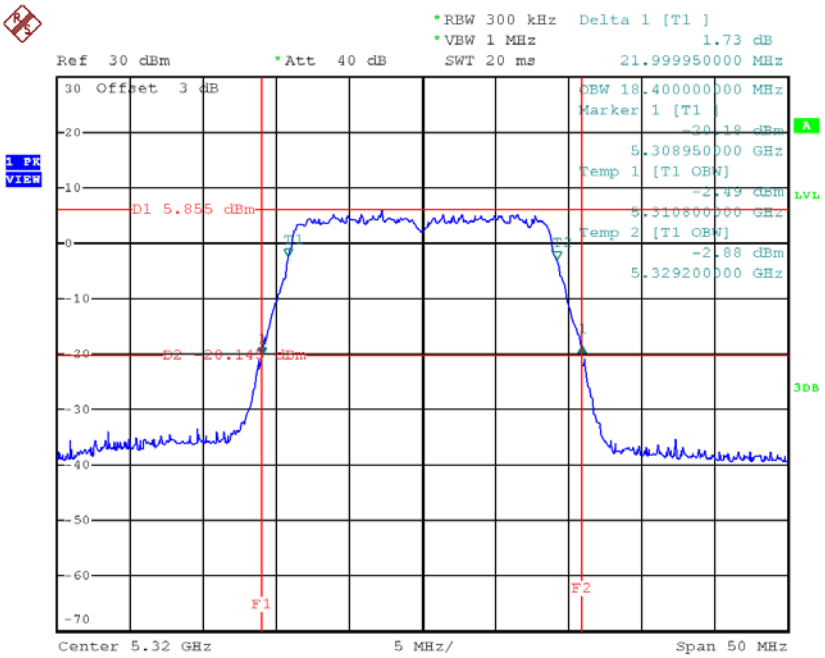
Date: 18.APR.2018 19:30:38

TX CH60



Date: 18.APR.2018 19:32:15

TX CH64

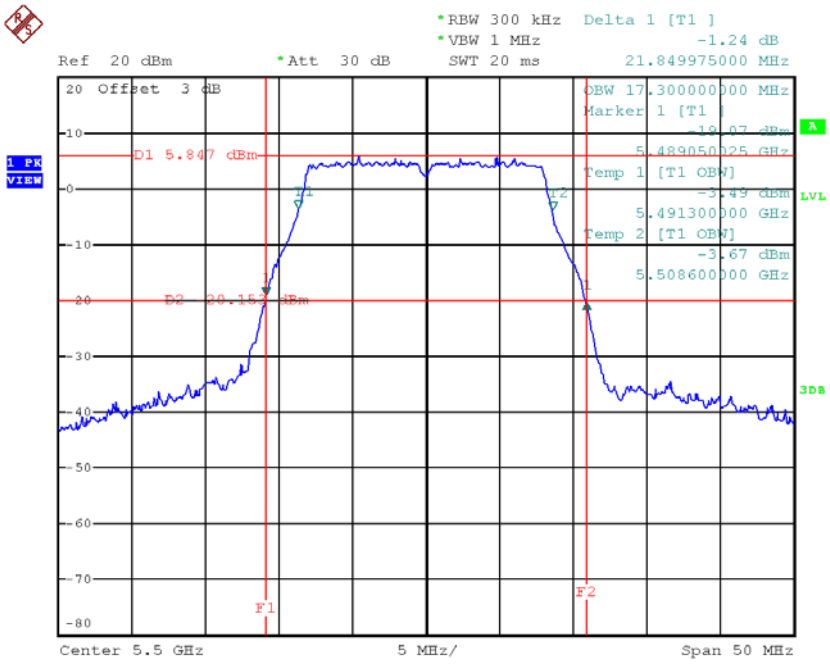


Date: 18.APR.2018 19:34:00

Test Mode: UNII-2C/TX A Mode_CH100/CH116/CH140

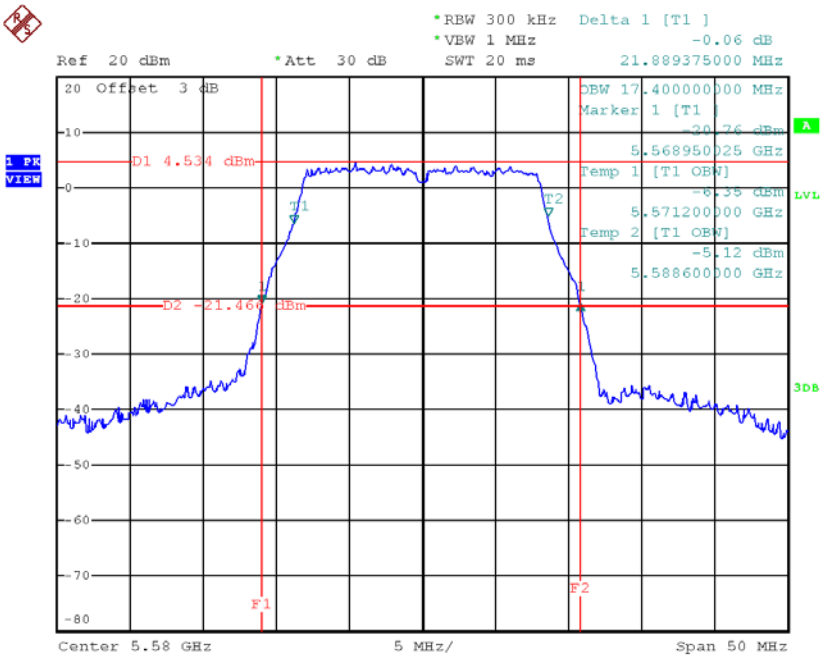
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	21.85	17.30
CH116	5580	21.89	17.40
CH140	5700	21.91	17.30

TX CH100



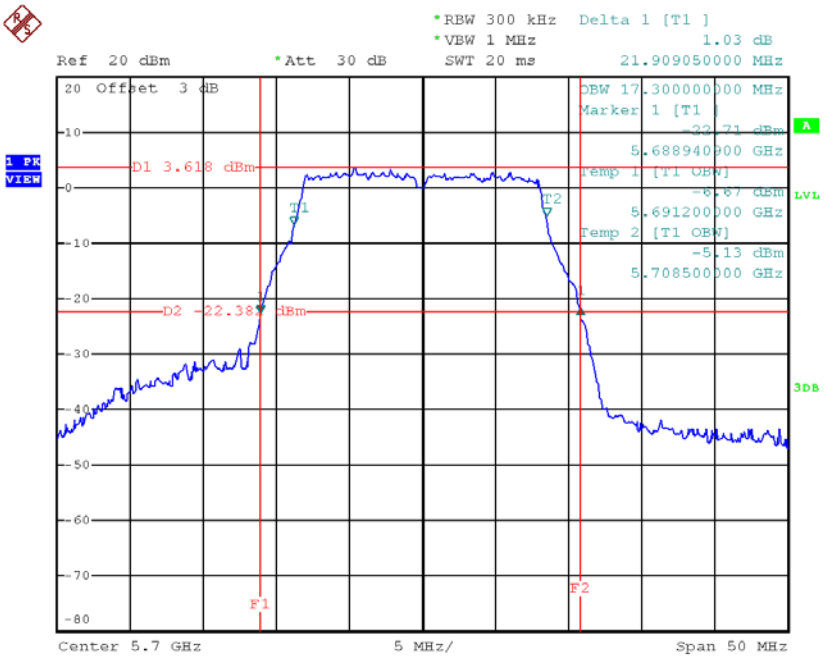
Date: 18.APR.2018 15:50:09

TX CH116



Date: 18.APR.2018 15:56:59

TX CH140

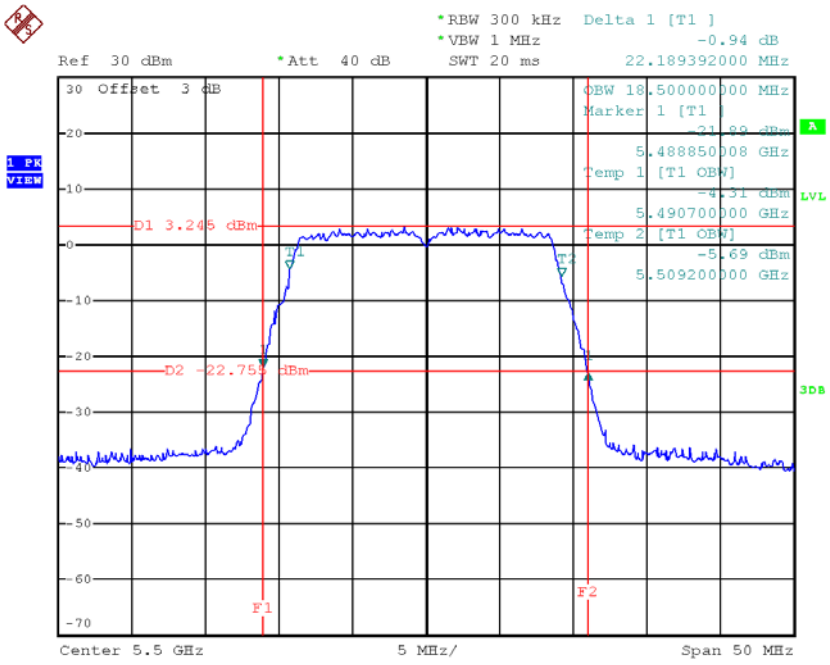


Date: 18.APR.2018 15:58:25

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140

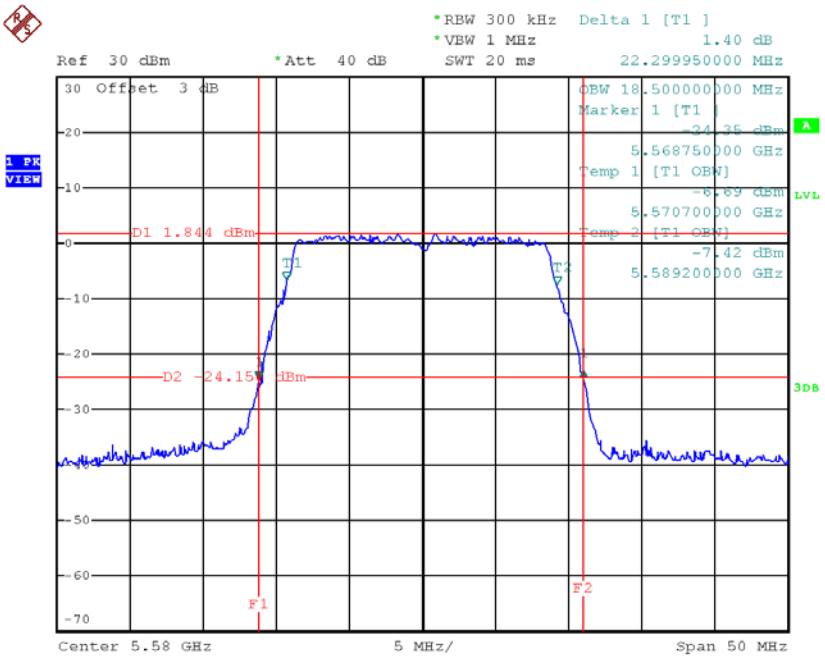
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	22.19	18.50
CH116	5580	22.30	18.50
CH140	5700	22.19	18.20

TX CH100



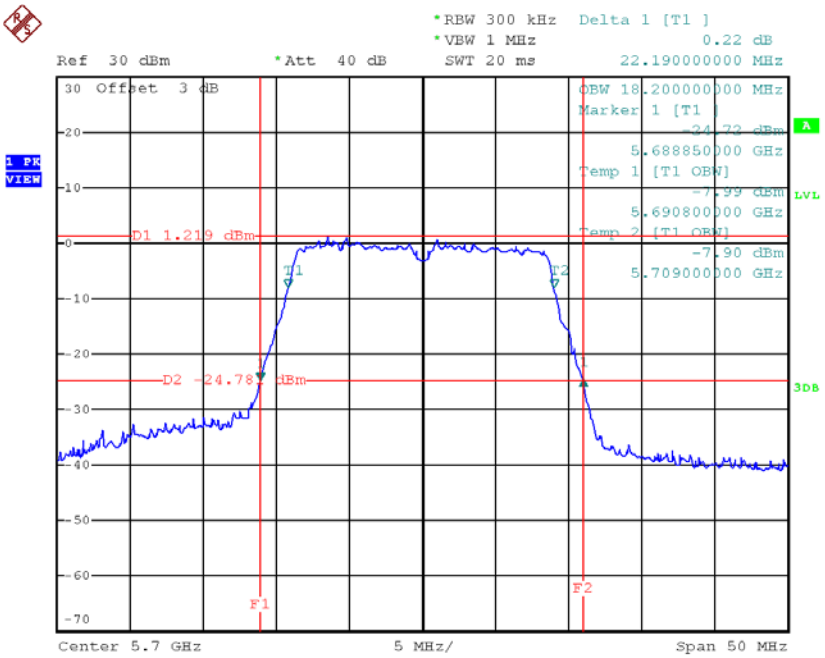
Date: 18.APR.2018 19:35:31

TX CH116



Date: 18.APR.2018 19:37:26

TX CH140

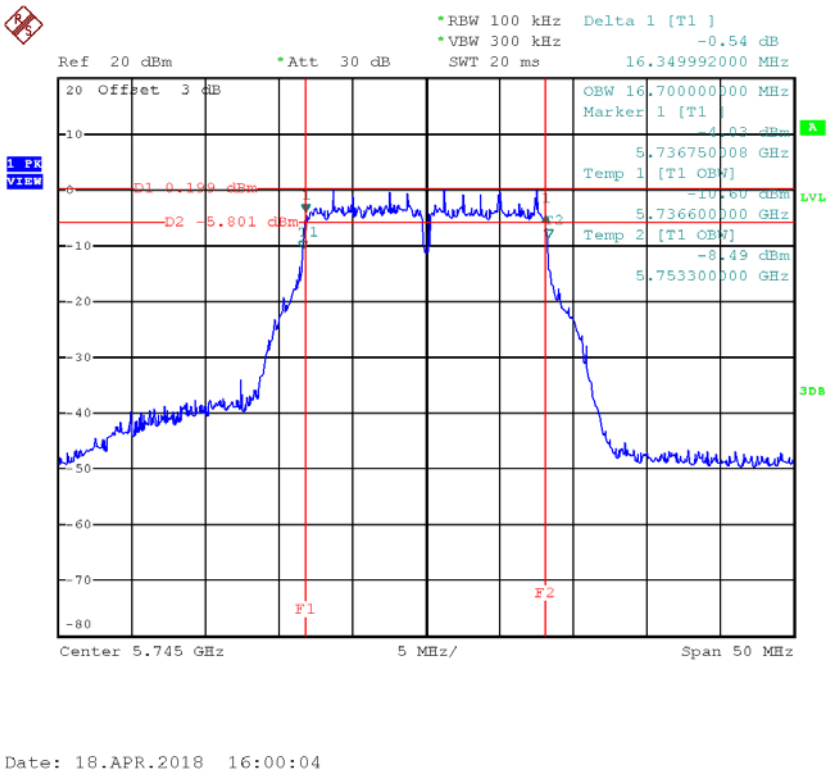


Date: 18.APR.2018 19:46:06

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

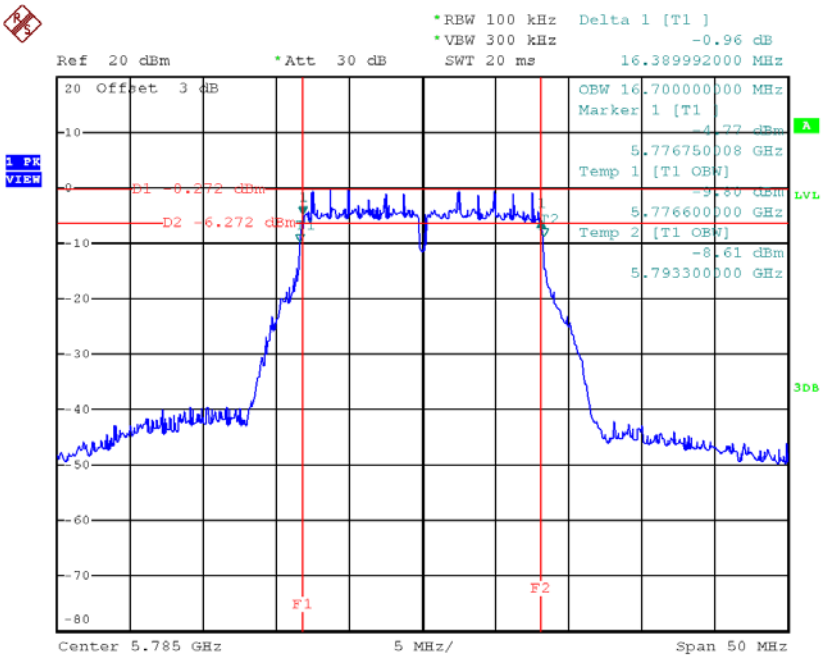
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.35	16.70	>=500
CH157	5785	16.39	16.70	>=500
CH165	5825	16.35	16.70	>=500

TX CH 149



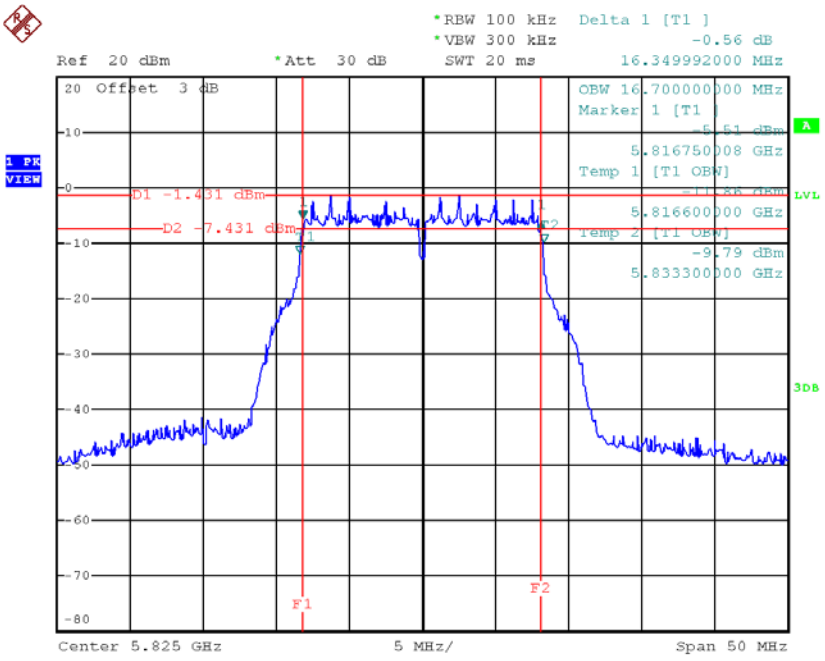
Date: 18.APR.2018 16:00:04

TX CH 157



Date: 18.APR.2018 16:01:31

TX CH 165

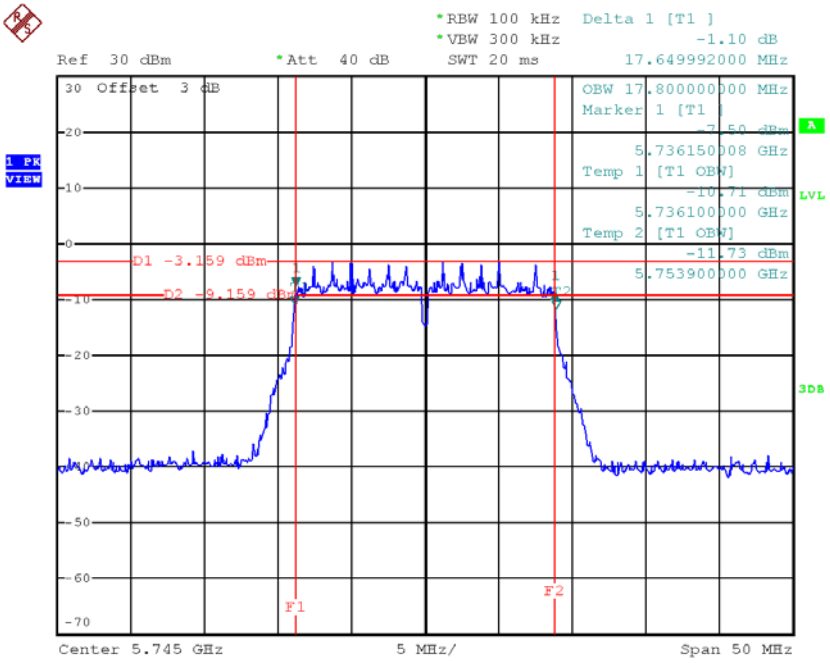


Date: 18.APR.2018 16:02:35

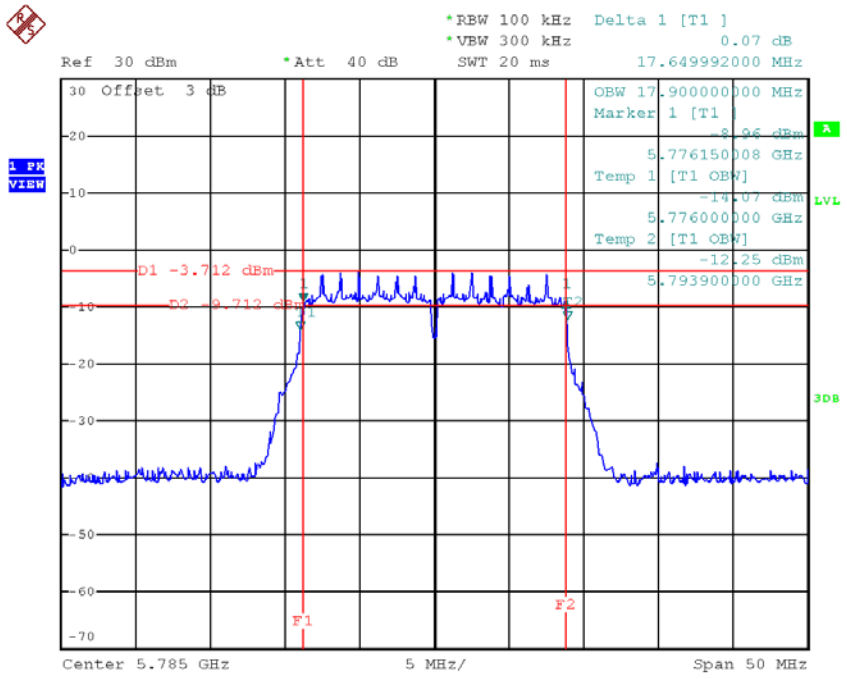
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

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

TX CH 149

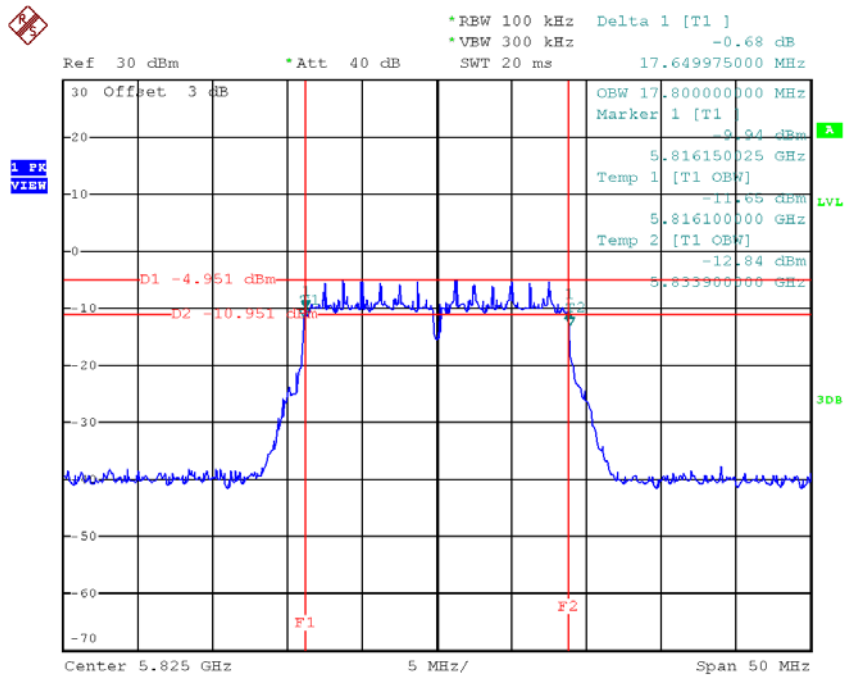


TX CH 157



Date: 18.APR.2018 19:49:15

TX CH 165

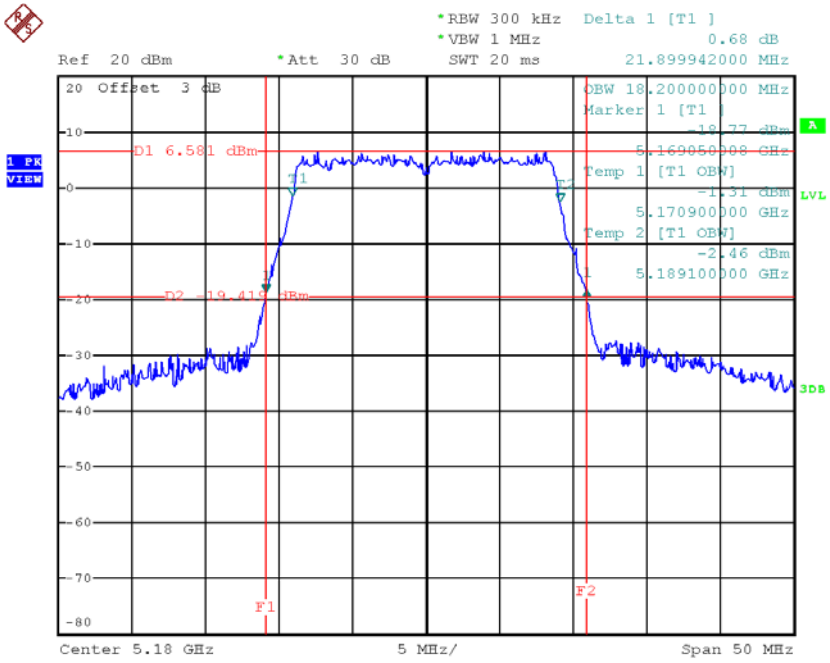


Date: 18.APR.2018 19:50:23

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

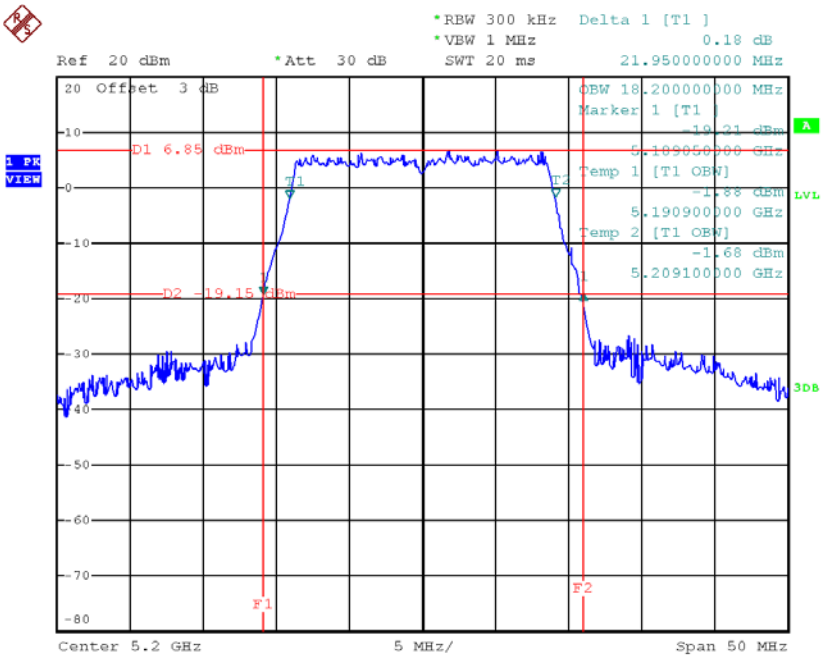
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.90	18.20
CH40	5200	21.95	18.20
CH48	5240	21.85	18.20

TX CH36



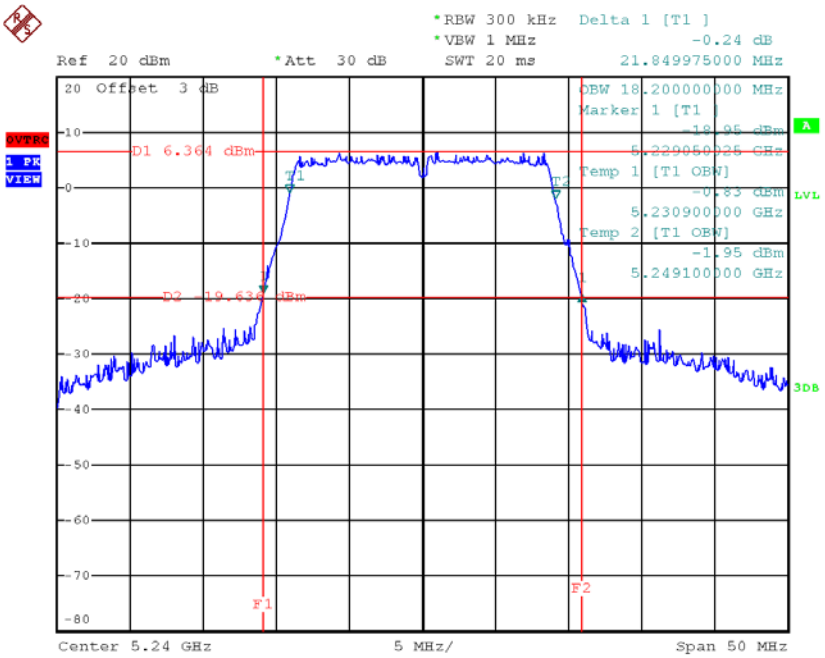
Date: 17.APR.2018 19:34:05

TX CH40



Date: 17.APR.2018 19:35:17

TX CH48

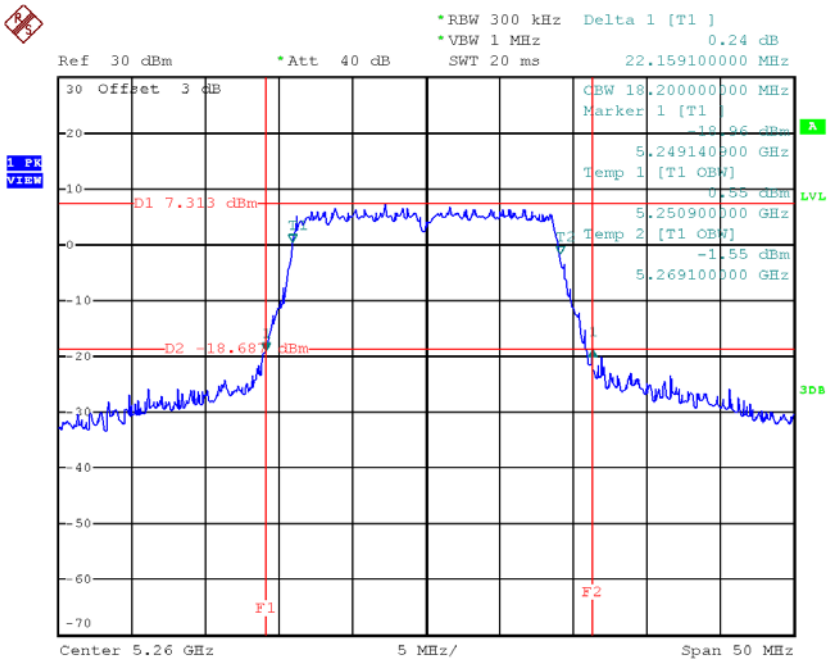


Date: 17.APR.2018 19:40:15

Test Mode: UNII-2A/TX AC20 Mode_CH52/CH60/CH64

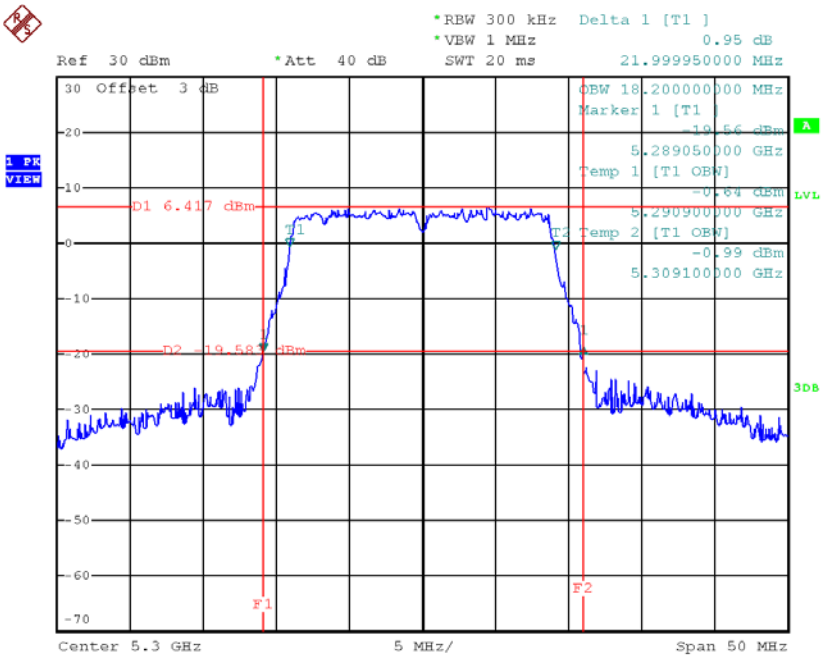
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	22.16	18.20
CH60	5300	22.00	18.20
CH64	5320	22.00	18.20

TX CH52



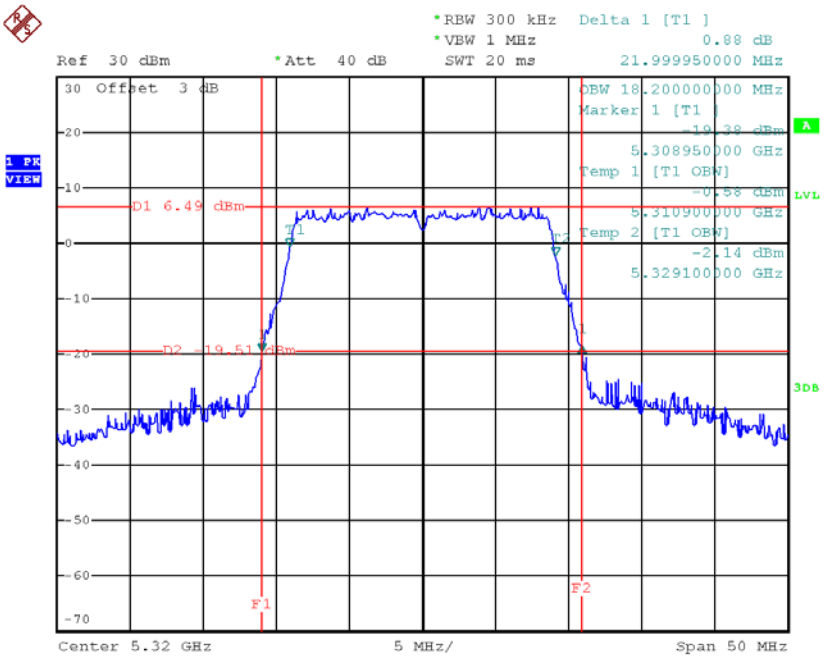
Date: 18.APR.2018 20:40:34

TX CH60



Date: 18.APR.2018 20:41:28

TX CH64

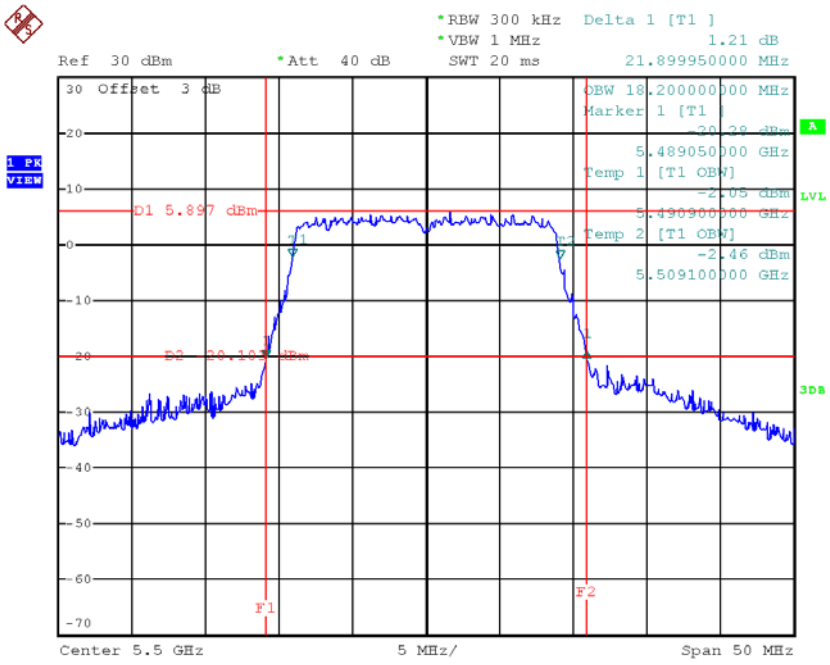


Date: 18.APR.2018 20:42:31

Test Mode: UNII-2C/TX AC20 Mode_CH100/CH116/CH140

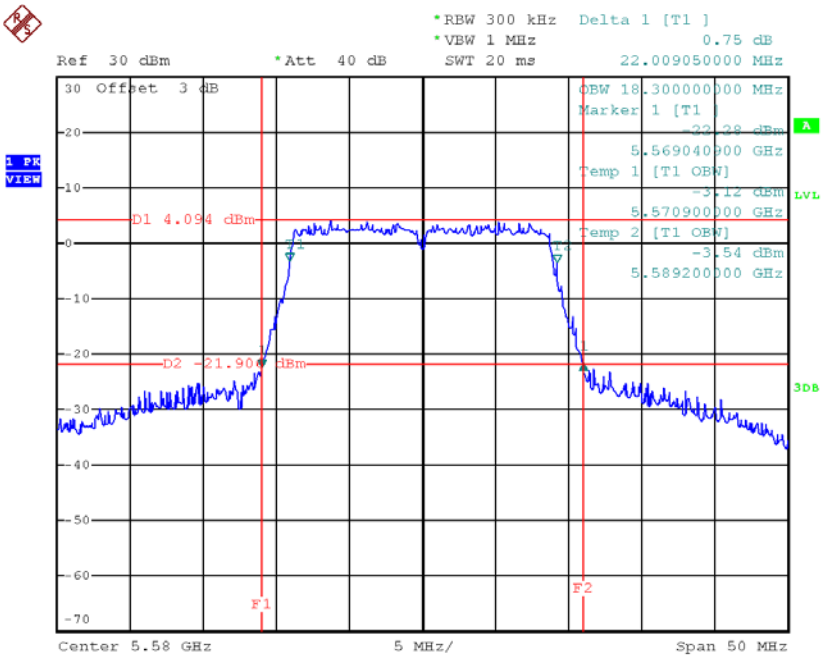
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	21.90	18.20
CH116	5580	22.01	18.30
CH140	5700	21.99	18.20

TX CH100



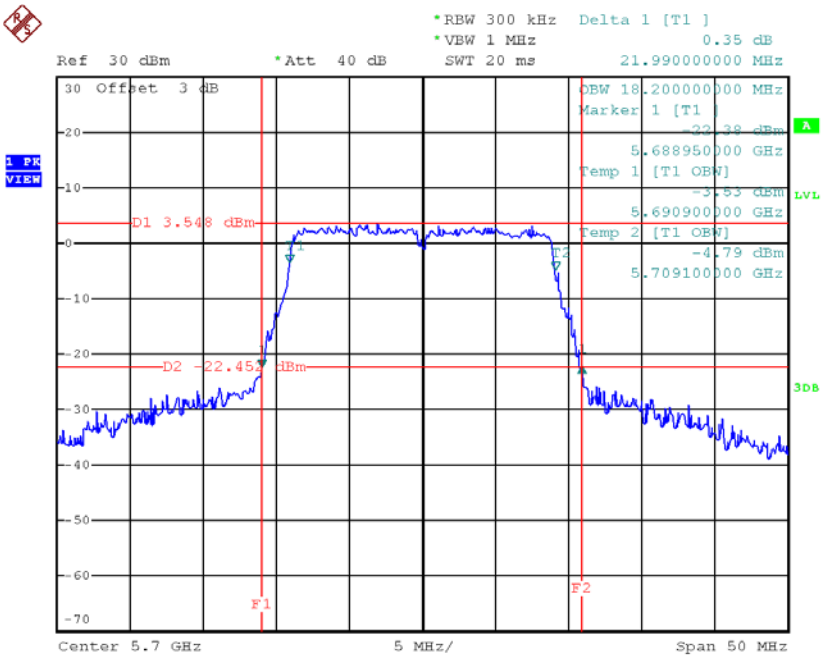
Date: 18.APR.2018 20:43:42

TX CH116



Date: 18.APR.2018 20:44:50

TX CH140

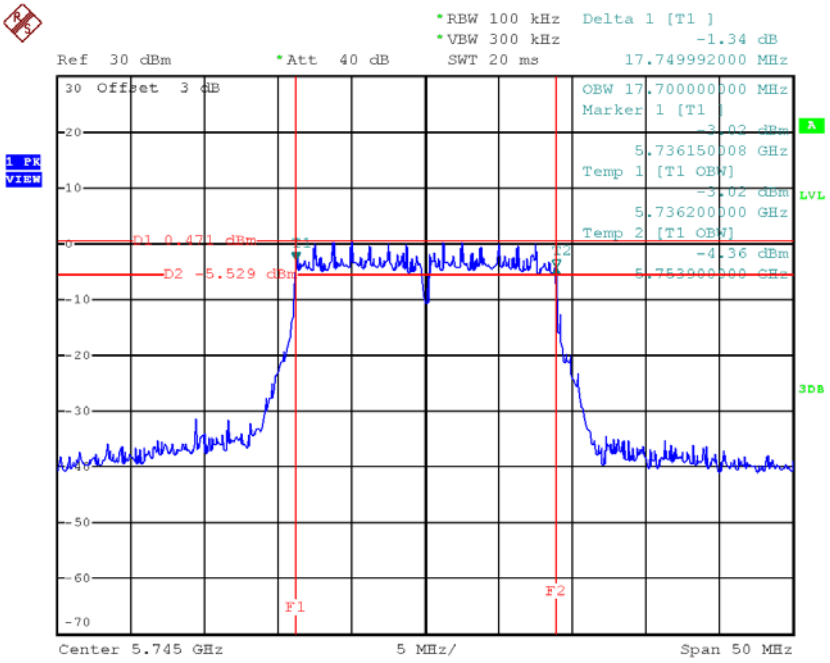


Date: 18.APR.2018 20:45:59

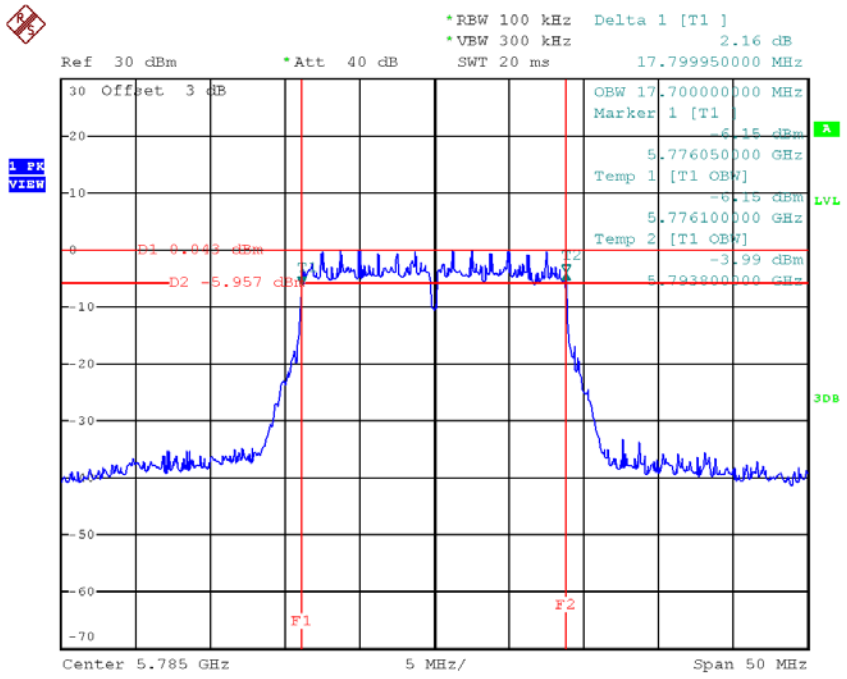
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.75	17.70	>=500
CH157	5785	17.80	17.70	>=500
CH165	5825	17.80	17.80	>=500

TX CH 149

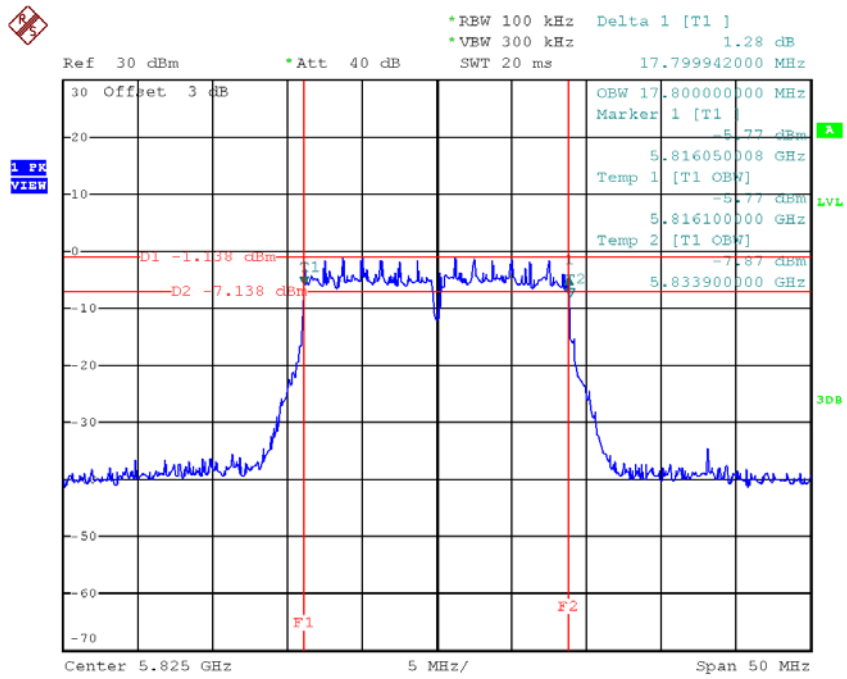


TX CH 157



Date: 18.APR.2018 20:51:34

TX CH 165



Date: 18.APR.2018 20:52:42

APPENDIX F - MAXIMUM OUTPUT POWER

For FCC UNII-1

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	13.86	0.08	13.94	24.00	0.25
CH40	5200	13.86	0.08	13.94	24.00	0.25
CH48	5240	13.82	0.08	13.90	24.00	0.25

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	13.65	0.08	13.73	24.00	0.25
CH40	5200	13.33	0.08	13.41	24.00	0.25
CH48	5240	13.48	0.08	13.56	24.00	0.25

Test Mode: UNII-1/TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.85	24.00	0.25
CH40	5200	16.69	24.00	0.25
CH48	5240	16.74	24.00	0.25

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	12.73	0.16	12.89	24.00	0.25
CH40	5200	12.85	0.16	13.01	24.00	0.25
CH48	5240	12.92	0.16	13.08	24.00	0.25

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	12.63	0.16	12.79	24.00	0.25
CH40	5200	12.52	0.16	12.68	24.00	0.25
CH48	5240	12.51	0.16	12.67	24.00	0.25

Test Mode: UNII-1/TX N20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.85	24.00	0.25
CH40	5200	15.86	24.00	0.25
CH48	5240	15.89	24.00	0.25

For ISEDR UNII-1

Test Mode: UNII-1/TX A Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	13.86	0.08	15.94	23.00	0.20
CH40	5200	13.86	0.08	15.94	23.00	0.20
CH48	5240	13.82	0.08	15.90	23.00	0.20

Test Mode: UNII-1/TX A Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	13.65	0.08	15.73	23.00	0.20
CH40	5200	13.33	0.08	15.41	23.00	0.20
CH48	5240	13.48	0.08	15.56	23.00	0.20

Test Mode: UNII-1/TX A Mode_Total

Channel	Frequency (MHz)	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	18.84	23.00	0.20
CH40	5200	18.69	23.00	0.20
CH48	5240	18.74	23.00	0.20

Test Mode: UNII-1/TX N20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.73	0.16	14.89	23.00	0.20
CH40	5200	12.85	0.16	15.01	23.00	0.20
CH48	5240	12.92	0.16	15.08	23.00	0.20

Test Mode: UNII-1/TX N20 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.63	0.16	14.79	23.00	0.20
CH40	5200	12.52	0.16	14.68	23.00	0.20
CH48	5240	12.51	0.16	14.67	23.00	0.20

Test Mode: UNII-1/TX N20 Mode _Total				
Channel	Frequency (MHz)	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	17.85	23.00	0.20
CH40	5200	17.86	23.00	0.20
CH48	5240	17.89	23.00	0.20

Test Mode: UNII-2A/TX A Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.62	0.08	13.70	24.00	0.25
CH60	5300	13.82	0.08	13.90	24.00	0.25
CH64	5320	13.74	0.08	13.82	24.00	0.25

Test Mode: UNII-2A/TX A Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.21	0.08	13.29	24.00	0.25
CH60	5300	13.53	0.08	13.61	24.00	0.25
CH64	5320	13.44	0.08	13.52	24.00	0.25

Test Mode: UNII-2A/TX A Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	16.51	24.00	0.25
CH60	5300	16.77	24.00	0.25
CH64	5320	16.68	24.00	0.25

Test Mode: UNII-2A/TX N20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	12.88	0.16	13.04	24.00	0.25
CH60	5300	12.76	0.16	12.92	24.00	0.25
CH64	5320	12.67	0.16	12.83	24.00	0.25

Test Mode: UNII-2A/TX N20 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	12.36	0.16	12.52	24.00	0.25
CH60	5300	12.44	0.16	12.60	24.00	0.25
CH64	5320	12.48	0.16	12.64	24.00	0.25

Test Mode: UNII-2A/TX N20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	15.80	24.00	0.25
CH60	5300	15.77	24.00	0.25
CH64	5320	15.75	24.00	0.25

Test Mode: UNII-2C/TX A Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	13.66	0.08	13.74	24.00	0.25
CH116	5580	13.66	0.08	13.74	24.00	0.25
CH140	5700	13.94	0.08	14.02	24.00	0.25

Test Mode: UNII-2C/TX A Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	13.79	0.08	13.87	24.00	0.25
CH116	5580	13.32	0.08	13.40	24.00	0.25
CH140	5700	13.22	0.08	13.30	24.00	0.25

Test Mode: UNII-2C/TX A Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.82	24.00	0.25
CH116	5580	16.58	24.00	0.25
CH140	5700	16.69	24.00	0.25

Test Mode: UNII-2C/TX N20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	12.97	0.16	13.13	24.00	0.25
CH116	5580	12.91	0.16	13.07	24.00	0.25
CH140	5700	12.93	0.16	13.09	24.00	0.25

Test Mode: UNII-2C/TX N20 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	12.96	0.16	13.12	24.00	0.25
CH116	5580	12.73	0.16	12.89	24.00	0.25
CH140	5700	12.52	0.16	12.68	24.00	0.25

Test Mode: UNII-2C/TX N20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.14	24.00	0.25
CH116	5580	15.99	24.00	0.25
CH140	5700	15.90	24.00	0.25

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	13.68	0.08	13.76	30.00	1.00
CH157	5785	13.65	0.08	13.73	30.00	1.00
CH165	5825	13.13	0.08	13.21	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	13.76	0.08	13.84	30.00	1.00
CH157	5785	13.91	0.08	13.99	30.00	1.00
CH165	5825	13.82	0.08	13.90	30.00	1.00

Test Mode: UNII-3/ TX A Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	16.81	30.00	1.00
CH157	5785	16.87	30.00	1.00
CH165	5825	16.58	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	12.76	0.16	12.92	30.00	1.00
CH157	5785	12.42	0.16	12.58	30.00	1.00
CH165	5825	12.39	0.16	12.55	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	12.89	0.16	13.05	30.00	1.00
CH157	5785	12.93	0.16	13.09	30.00	1.00
CH165	5825	12.98	0.16	13.14	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	16.00	30.00	1.00
CH157	5785	15.85	30.00	1.00
CH165	5825	15.87	30.00	1.00

For FCC UNII-1

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	12.77	1.06	13.83	24.00	0.25
CH40	5200	12.72	1.06	13.78	24.00	0.25
CH48	5240	12.96	1.06	14.02	24.00	0.25

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	12.56	1.06	13.62	24.00	0.25
CH40	5200	12.42	1.06	13.48	24.00	0.25
CH48	5240	12.63	1.06	13.69	24.00	0.25

Test Mode: UNII-1/TX AC20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.74	24.00	0.25
CH40	5200	16.64	24.00	0.25
CH48	5240	16.87	24.00	0.25

For ISEDR UNII-1

Test Mode: UNII-1/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.77	1.06	15.83	23.00	0.20
CH40	5200	12.72	1.06	15.78	23.00	0.20
CH48	5240	12.96	1.06	16.02	23.00	0.20

Test Mode: UNII-1/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.56	1.06	15.62	23.00	0.20
CH40	5200	12.42	1.06	15.48	23.00	0.20
CH48	5240	12.63	1.06	15.69	23.00	0.20

Test Mode: UNII-1/TX AC20 Mode _Total

Channel	Frequency (MHz)	EIRP Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	18.74	23.00	0.20
CH40	5200	18.65	23.00	0.20
CH48	5240	18.87	23.00	0.20

Test Mode: UNII-2A/TX AC20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	12.89	1.06	13.95	24.00	0.25
CH60	5300	12.71	1.06	13.77	24.00	0.25
CH64	5320	12.65	1.06	13.71	24.00	0.25

Test Mode: UNII-2A/TX AC20 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	12.21	1.06	13.27	24.00	0.25
CH60	5300	12.68	1.06	13.74	24.00	0.25
CH64	5320	12.56	1.06	13.62	24.00	0.25

Test Mode: UNII-2A/TX AC20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	16.63	24.00	0.25
CH60	5300	16.77	24.00	0.25
CH64	5320	16.68	24.00	0.25

Test Mode: UNII-2C/TX AC20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	12.42	1.06	13.48	24.00	0.25
CH116	5580	12.32	1.06	13.38	24.00	0.25
CH140	5700	12.75	1.06	13.81	24.00	0.25

Test Mode: UNII-2C/TX AC20 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	12.36	1.06	13.42	24.00	0.25
CH116	5580	12.97	1.06	14.03	24.00	0.25
CH140	5700	12.43	1.06	13.49	24.00	0.25

Test Mode: UNII-2C/TX AC20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.46	24.00	0.25
CH116	5580	16.73	24.00	0.25
CH140	5700	16.66	24.00	0.25

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	12.86	1.06	13.92	30.00	1.00
CH157	5785	12.41	1.06	13.47	30.00	1.00
CH165	5825	12.66	1.06	13.72	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	12.93	1.06	13.99	30.00	1.00
CH157	5785	12.82	1.06	13.88	30.00	1.00
CH165	5825	12.84	1.06	13.90	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	16.97	30.00	1.00
CH157	5785	16.69	30.00	1.00
CH165	5825	16.82	30.00	1.00

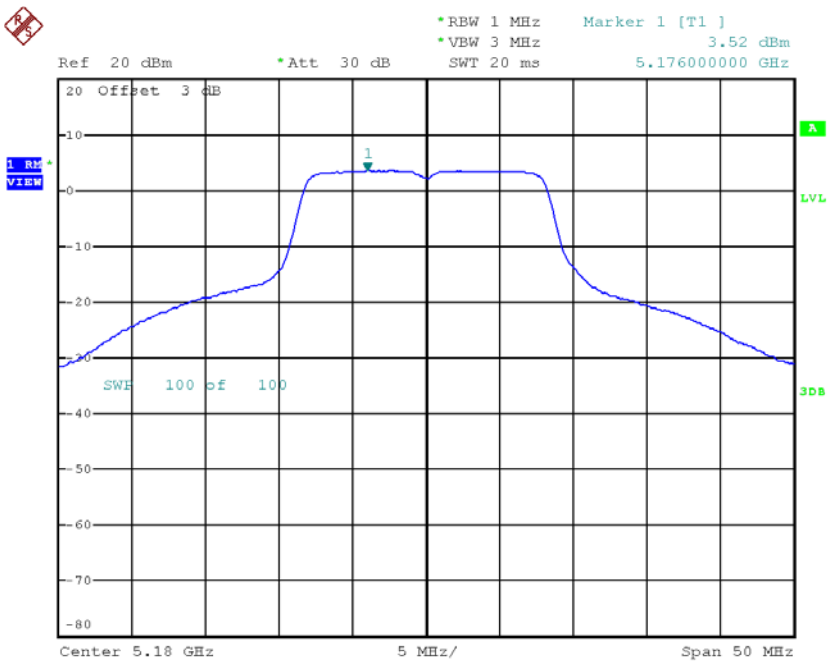
APPENDIX G - POWER SPECTRAL DENSITY

For FCC UNII-1

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

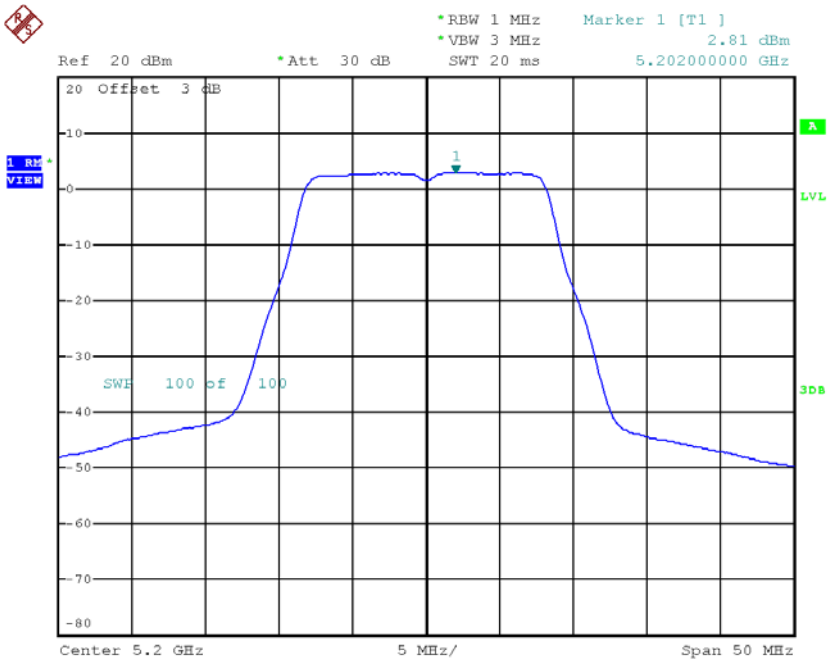
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.52	0.08	3.60	11.00
CH40	5200	2.81	0.08	2.89	11.00
CH48	5240	2.78	0.08	2.86	11.00

CH36



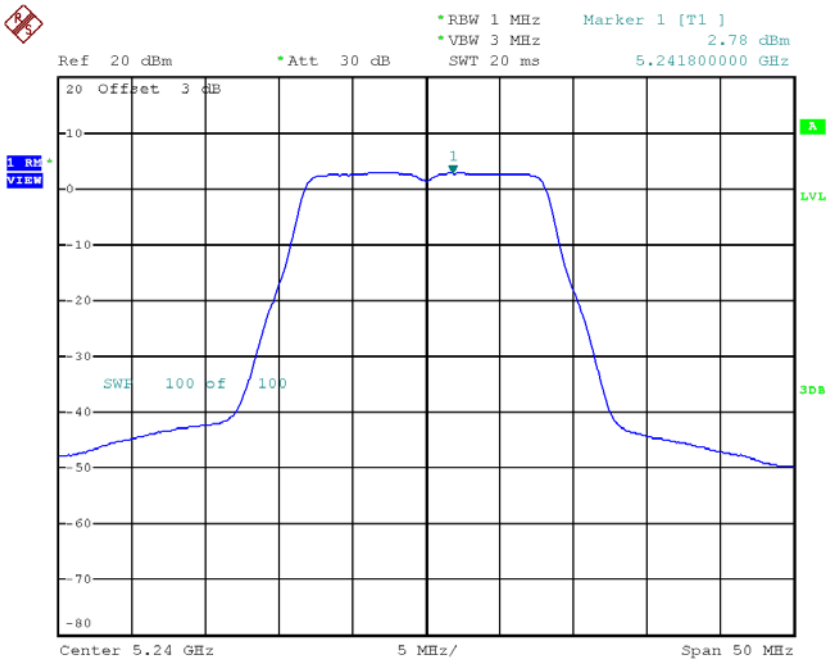
Date: 17.APR.2018 19:19:24

CH40



Date: 17.APR.2018 19:21:43

CH48

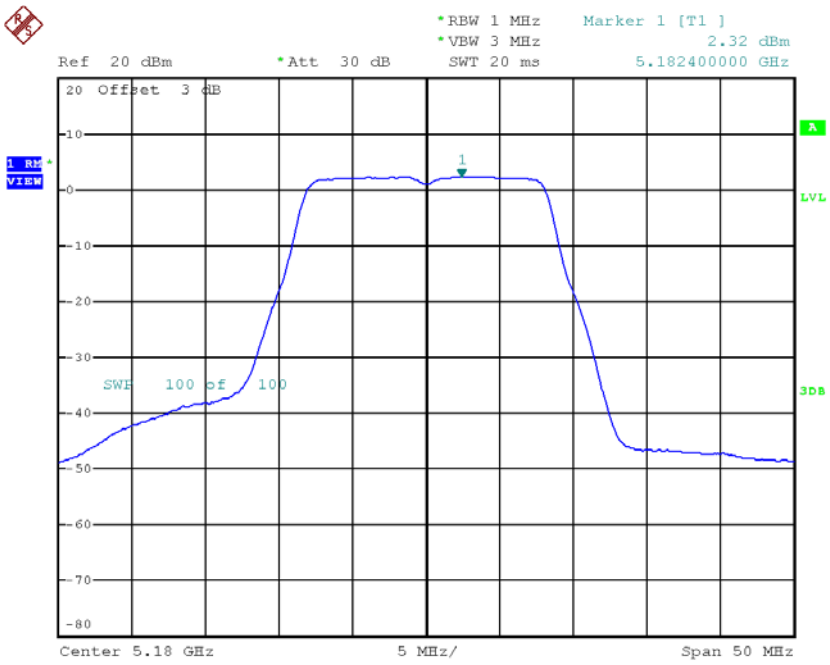


Date: 17.APR.2018 19:22:36

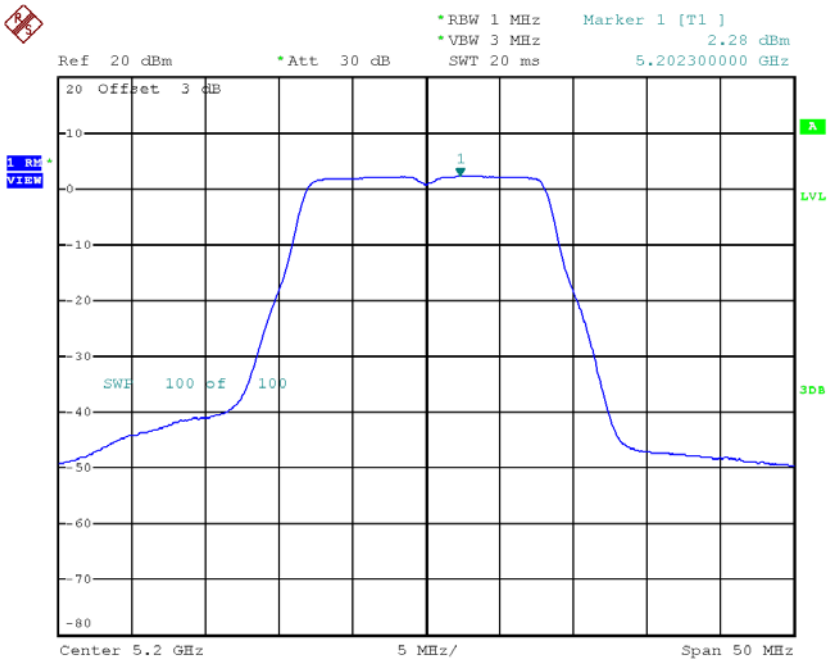
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	2.32	0.08	2.40	11.00
CH40	5200	2.28	0.08	2.36	11.00
CH48	5240	2.48	0.08	2.56	11.00

CH36

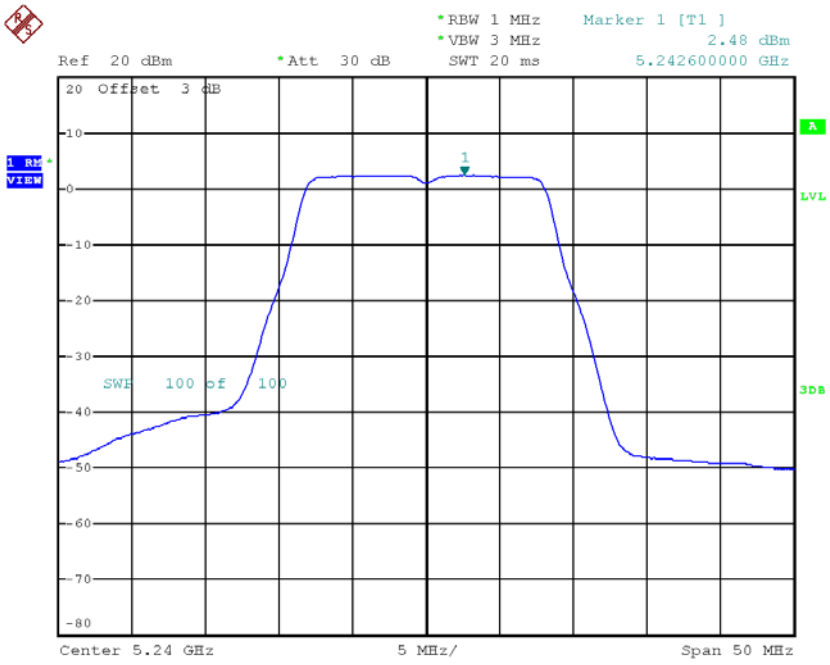


CH40



Date: 17.APR.2018 17:42:17

CH48



Date: 17.APR.2018 17:43:54

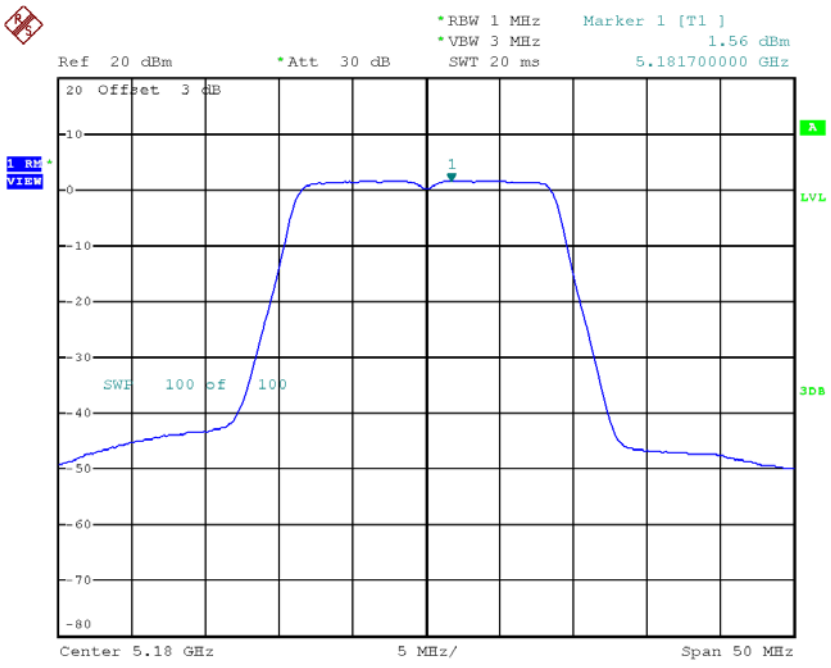
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.05	11.00
CH40	5200	5.64	11.00
CH48	5240	5.72	11.00

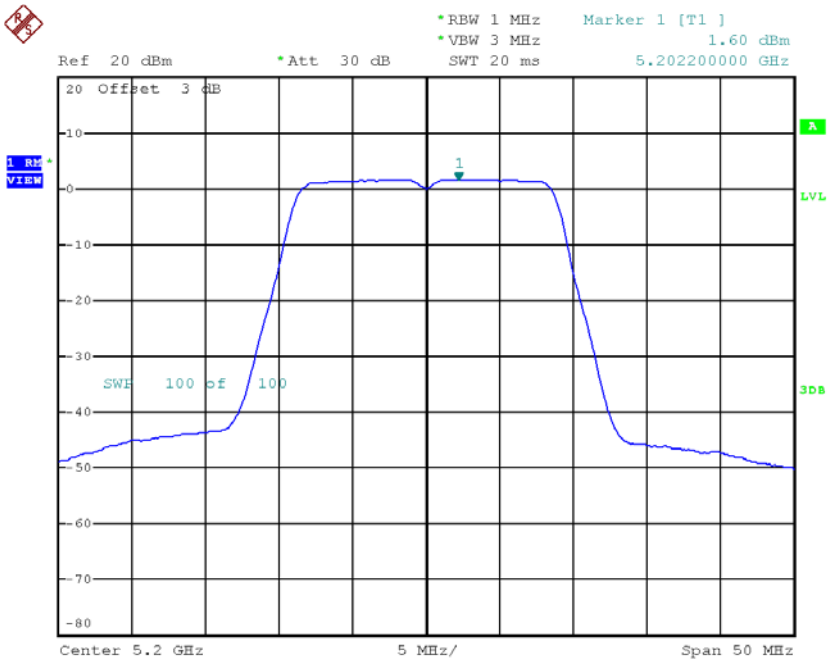
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.56	0.16	1.72	11.00
CH40	5200	1.60	0.16	1.76	11.00
CH48	5240	1.70	0.16	1.86	11.00

CH36

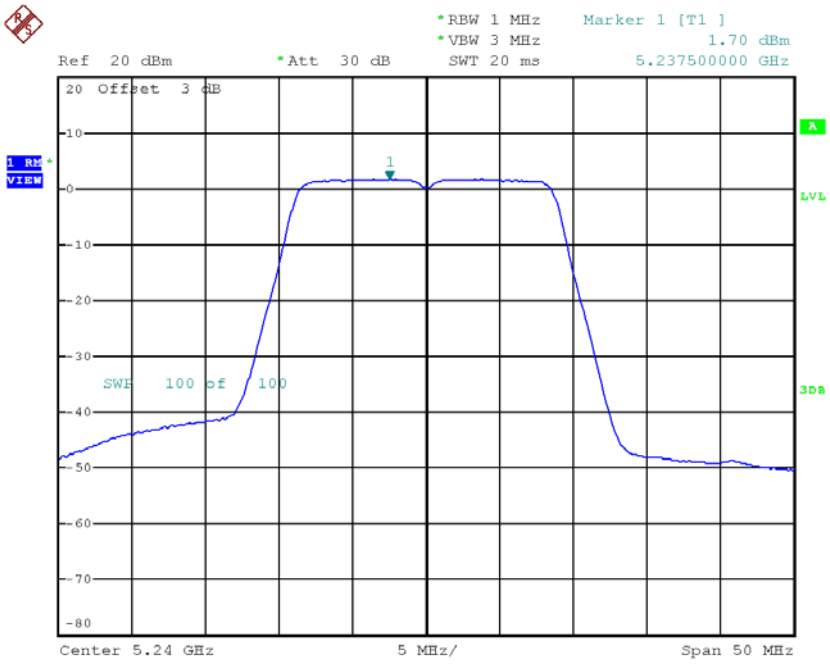


CH40



Date: 17.APR.2018 19:28:30

CH48

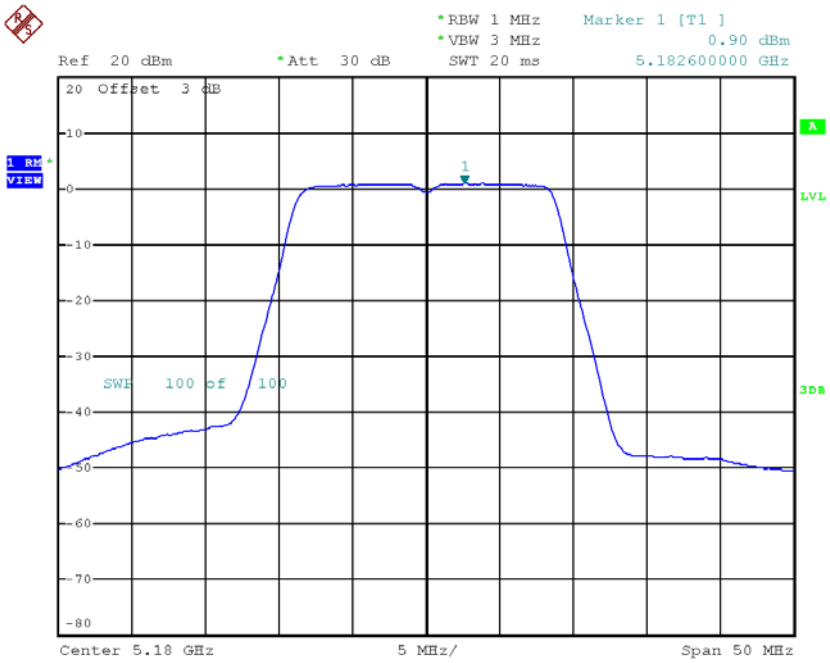


Date: 17.APR.2018 19:29:42

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

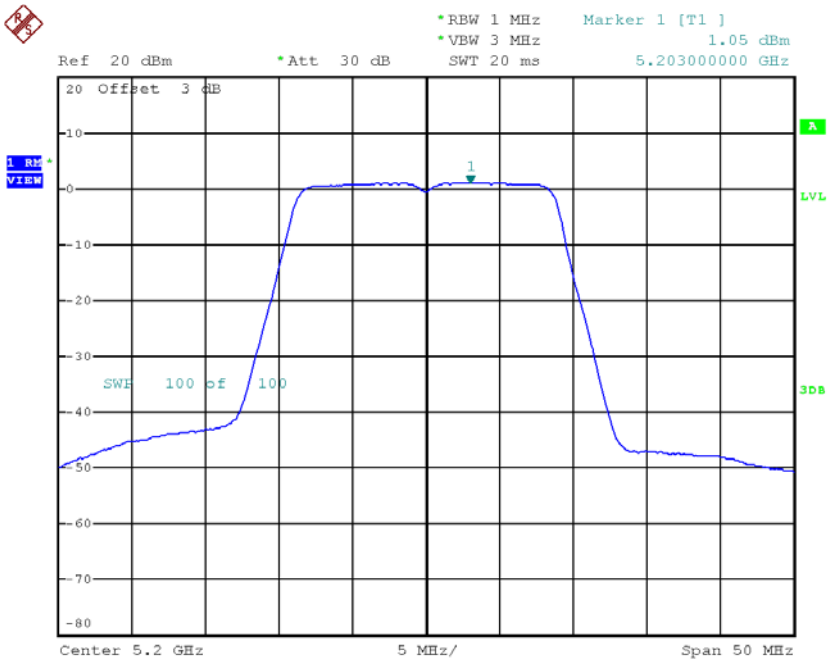
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	0.90	0.16	1.06	11.00
CH40	5200	1.05	0.16	1.21	11.00
CH48	5240	1.35	0.16	1.51	11.00

CH36



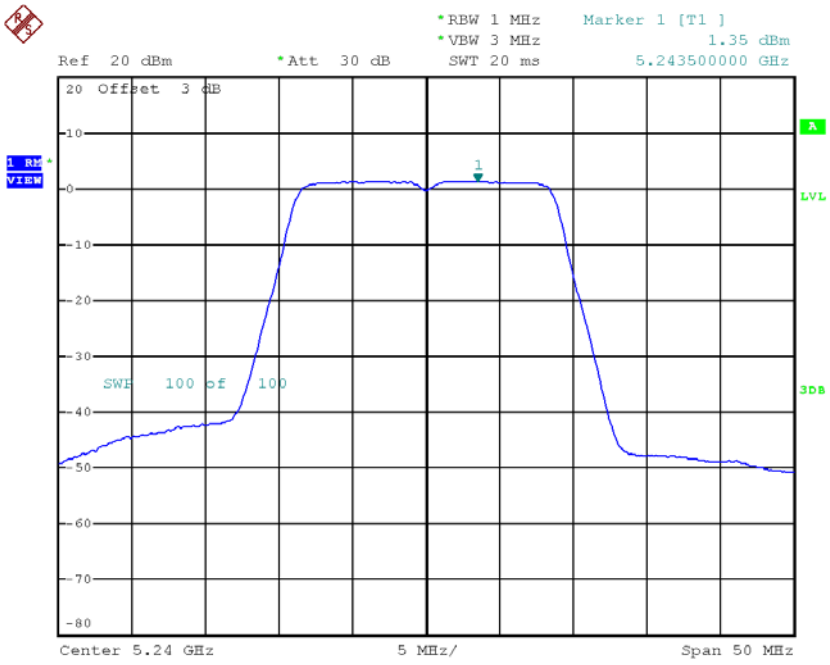
Date: 17.APR.2018 17:45:14

CH40



Date: 17.APR.2018 17:46:13

CH48



Date: 17.APR.2018 17:47:10

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

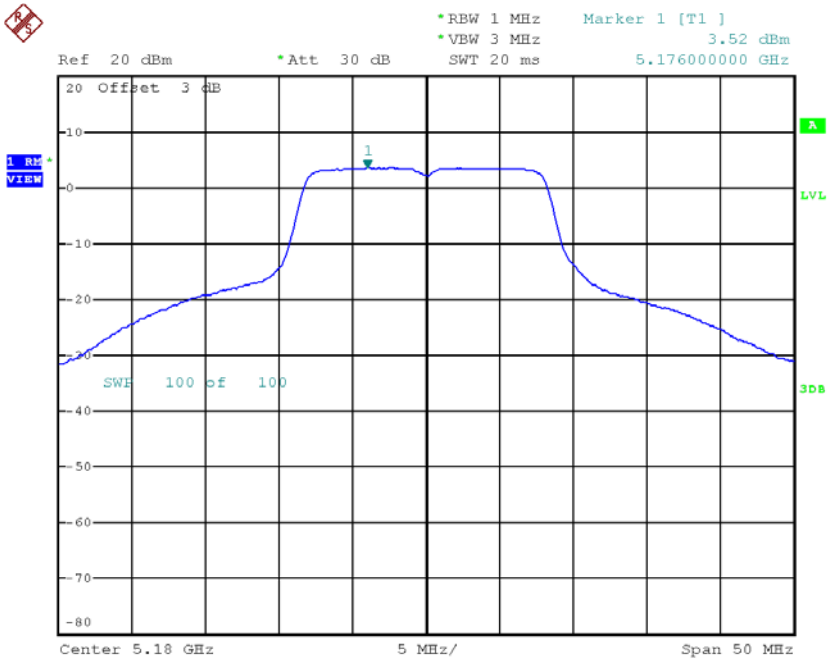
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	4.41	11.00
CH40	5200	4.50	11.00
CH48	5240	4.70	11.00

For ISEDR UNII-1

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

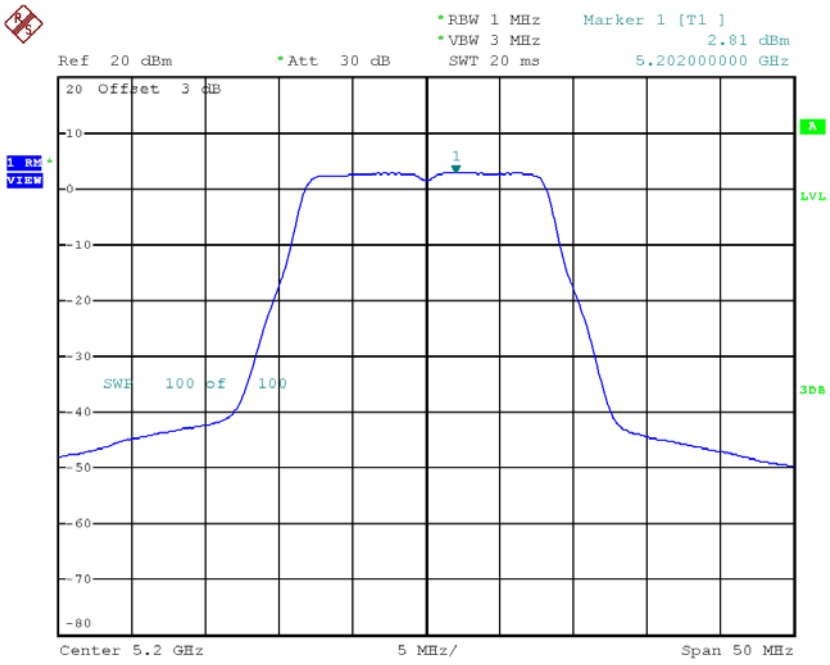
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.52	0.08	5.60	10.00
CH40	5200	2.81	0.08	4.89	10.00
CH48	5240	2.78	0.08	4.86	10.00

CH36



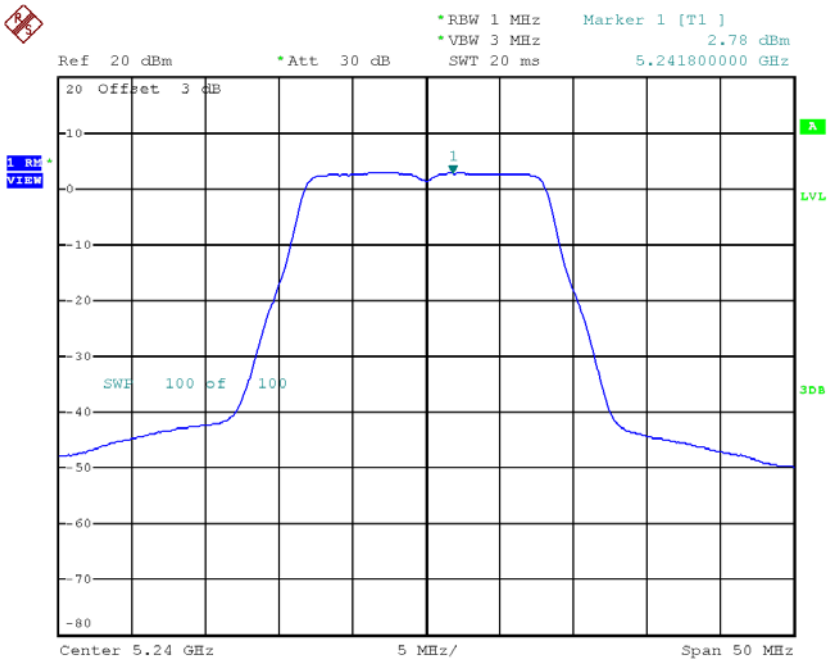
Date: 17.APR.2018 19:19:24

CH40



Date: 17.APR.2018 19:21:43

CH48

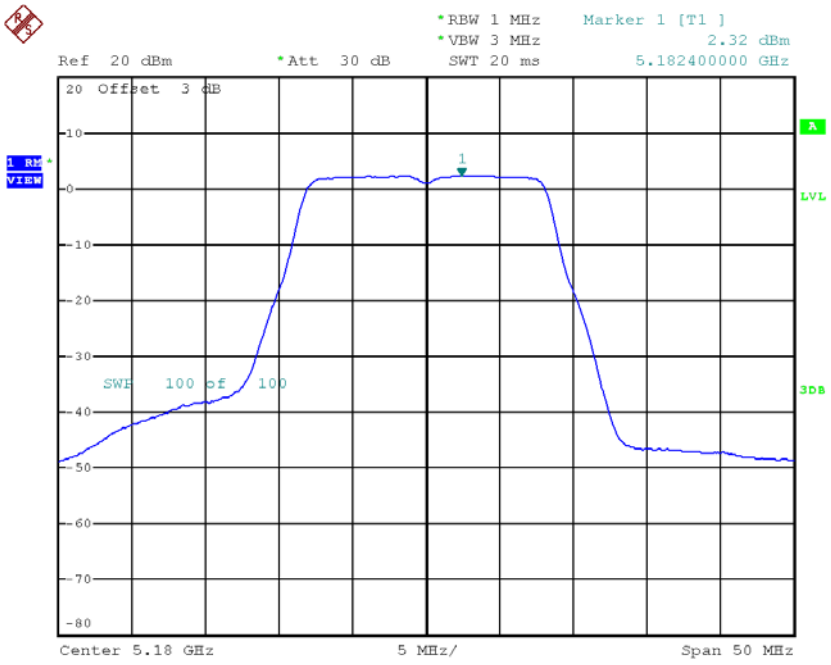


Date: 17.APR.2018 19:22:36

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

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	2.32	0.08	4.40	10.00
CH40	5200	2.28	0.08	4.36	10.00
CH48	5240	2.48	0.08	4.56	10.00

CH36



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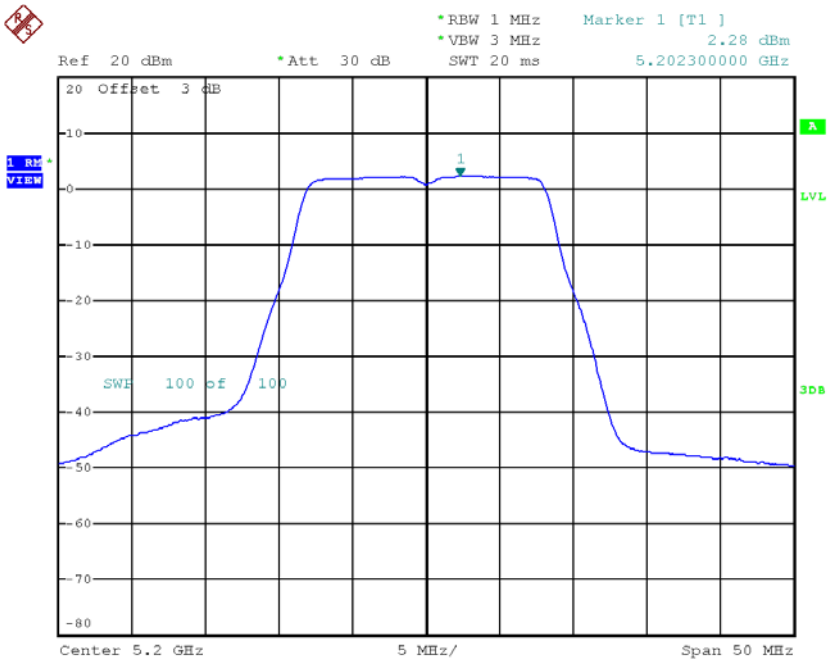
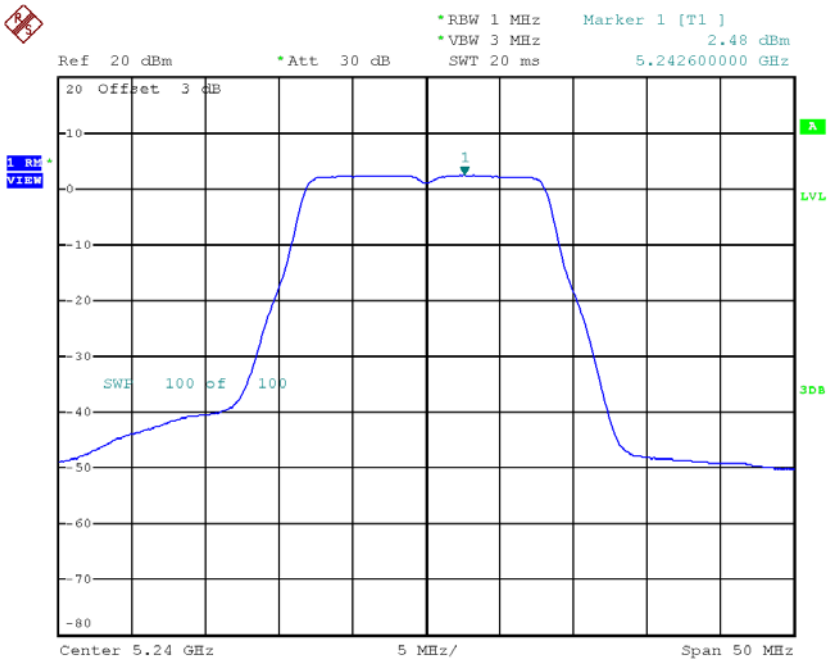
CH40



Date: 17.APR.2018 17:42:17

CH48



Date: 17.APR.2018 17:43:54

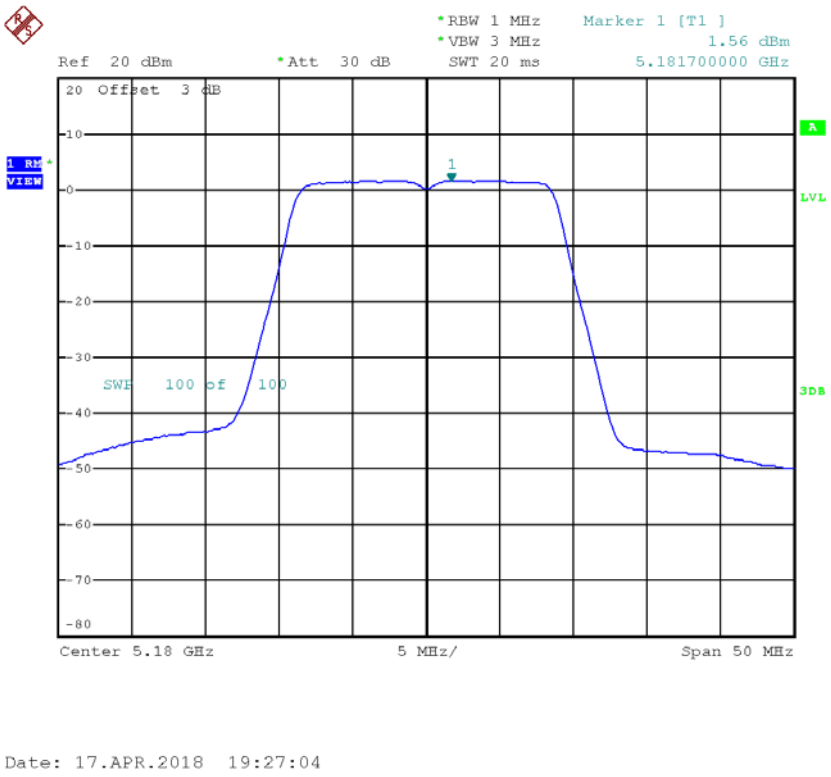
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48_Total			

Channel	Frequency (MHz)	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	8.05	10.00
CH40	5200	7.64	10.00
CH48	5240	7.72	10.00

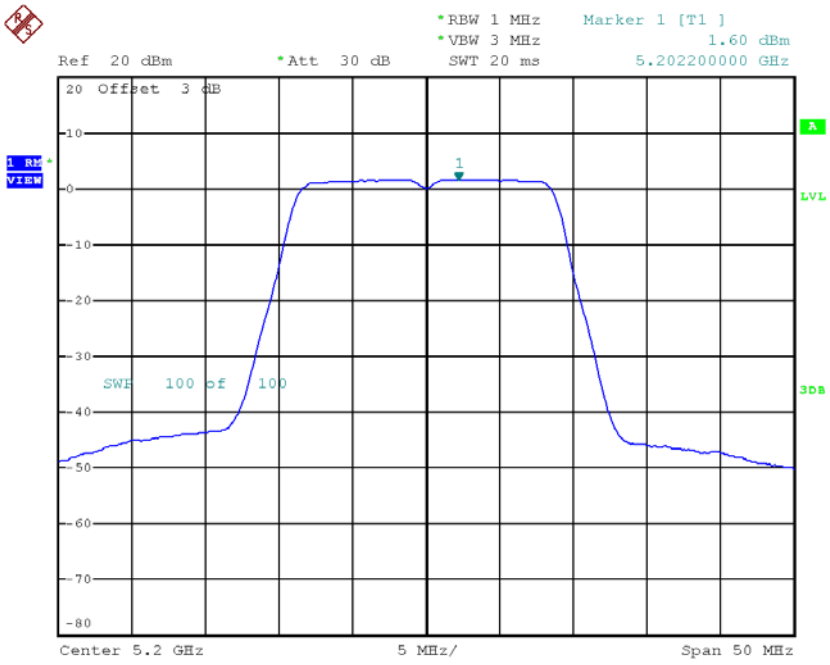
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.56	0.16	3.72	10.00
CH40	5200	1.60	0.16	3.76	10.00
CH48	5240	1.70	0.16	3.86	10.00

CH36

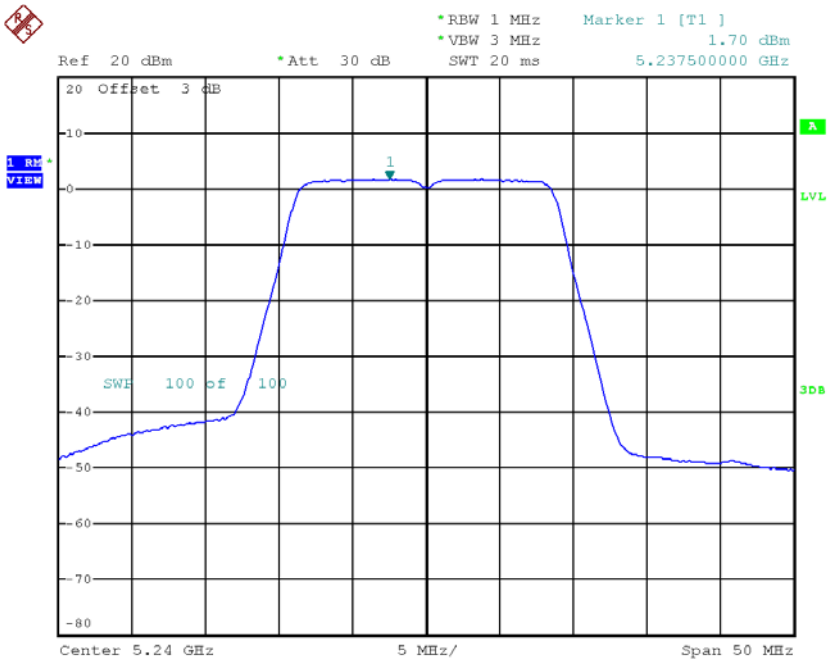


CH40



Date: 17.APR.2018 19:28:30

CH48

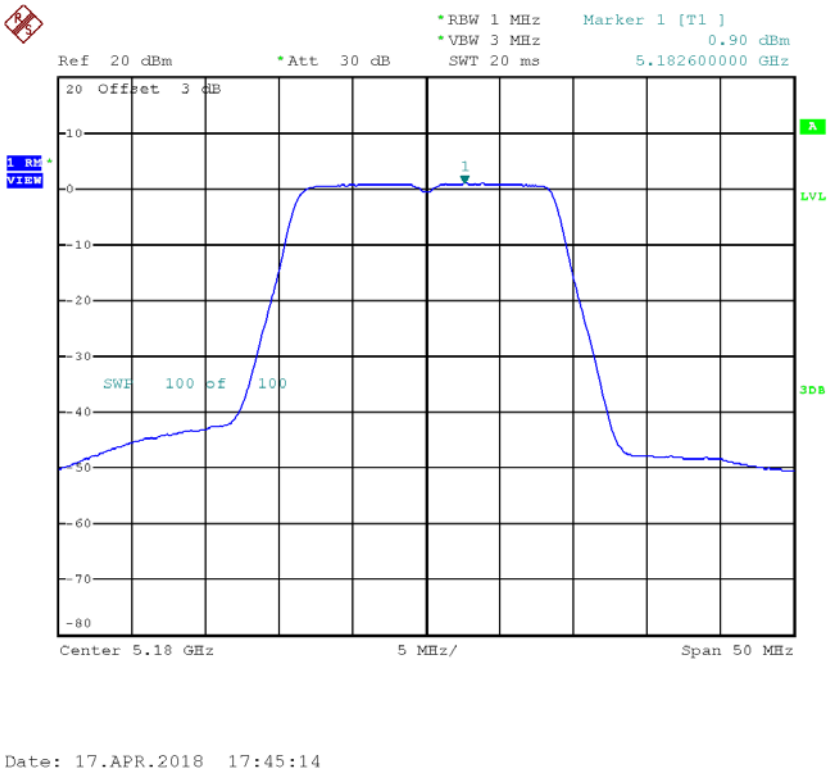


Date: 17.APR.2018 19:29:42

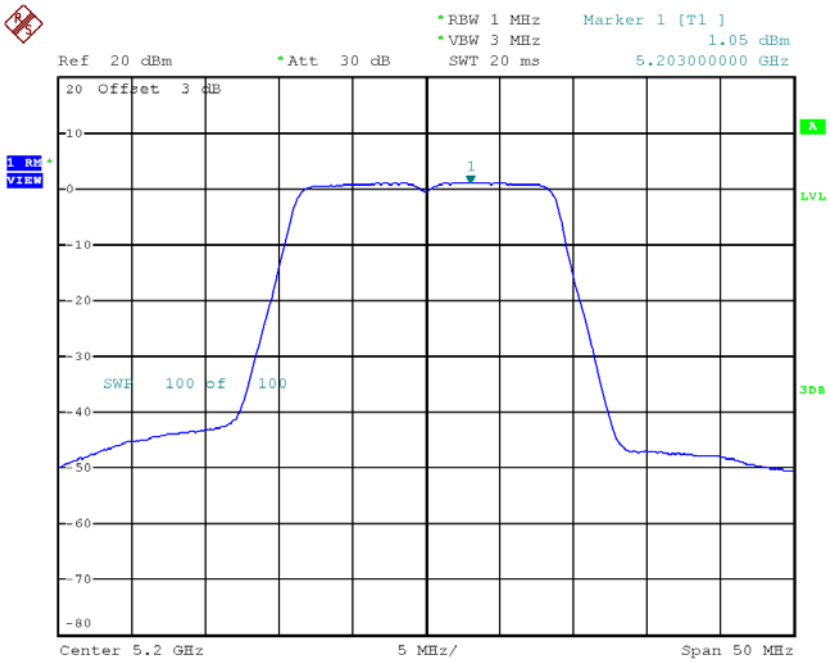
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	0.90	0.16	1.06	10.00
CH40	5200	1.05	0.16	1.21	10.00
CH48	5240	1.35	0.16	3.51	10.00

CH36

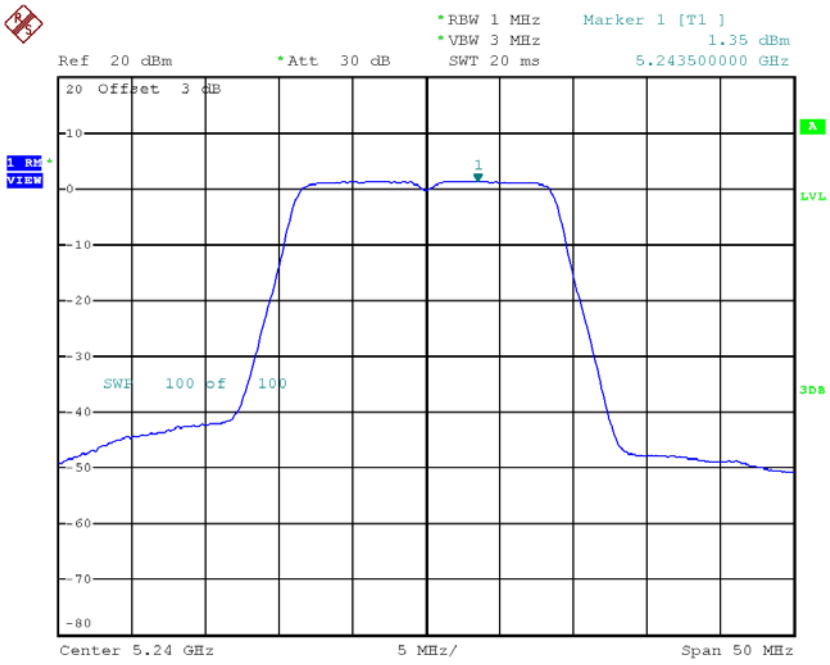


CH40



Date: 17.APR.2018 17:46:13

CH48



Date: 17.APR.2018 17:47:10

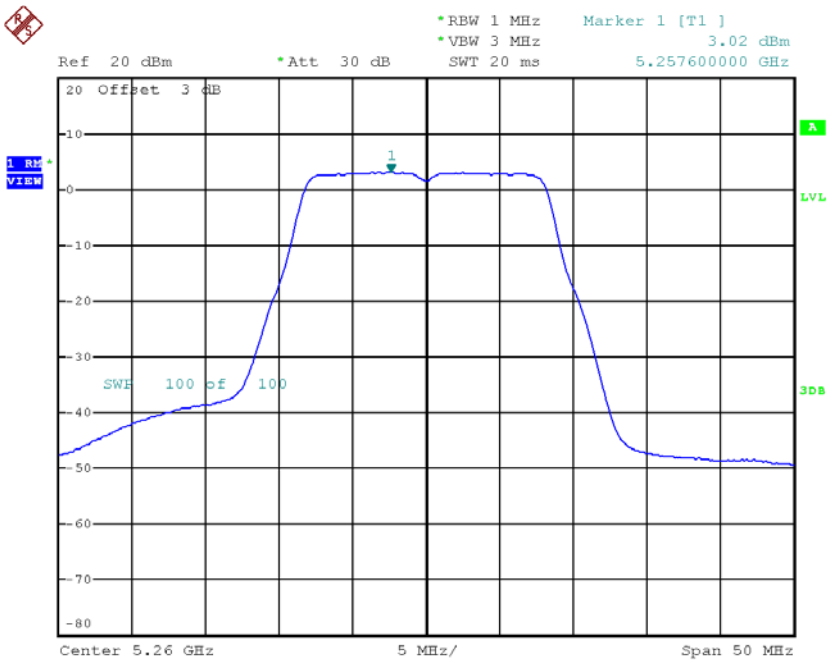
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.60	10.00
CH40	5200	5.68	10.00
CH48	5240	6.70	10.00

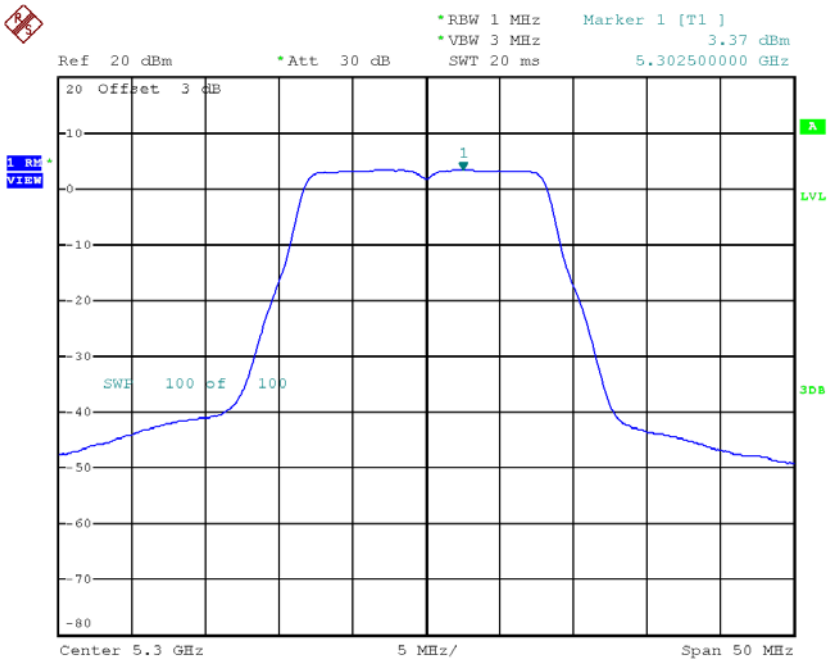
Test Mode: UNII-2A/ TX A Mode_CH52/CH60/CH64_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	3.02	0.08	3.10	11.00
CH60	5300	3.37	0.08	3.45	11.00
CH64	5320	3.61	0.08	3.69	11.00

CH52

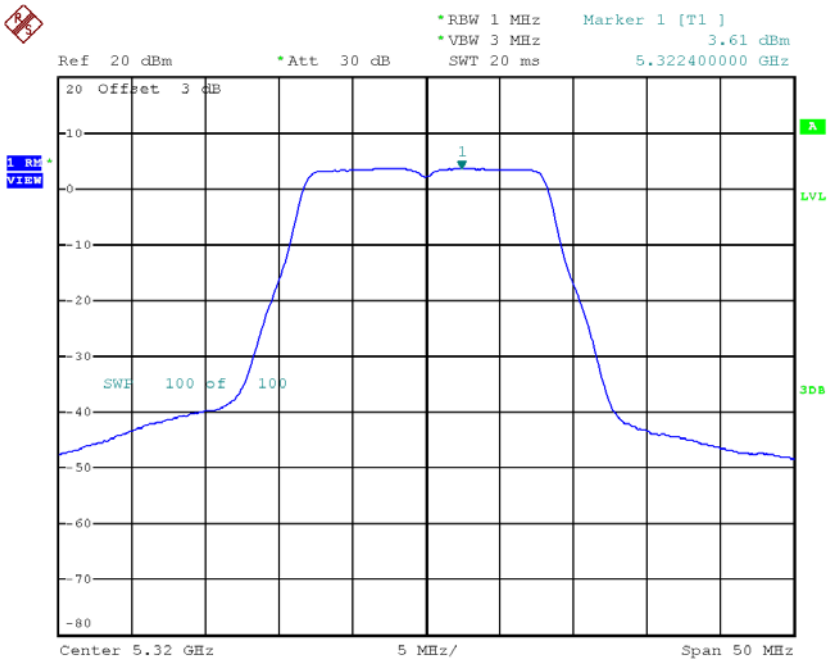


CH60



Date: 18.APR.2018 15:47:37

CH64

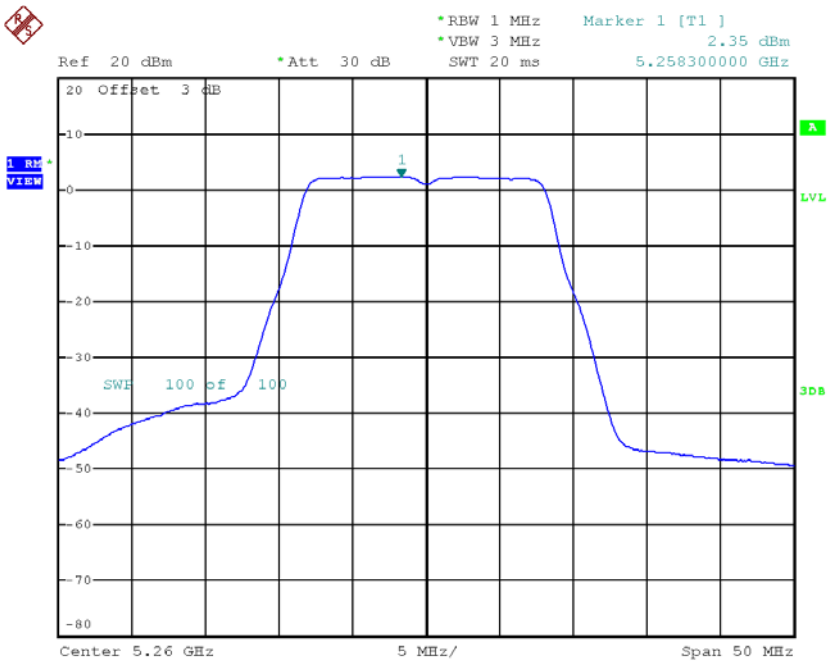


Date: 18.APR.2018 15:49:10

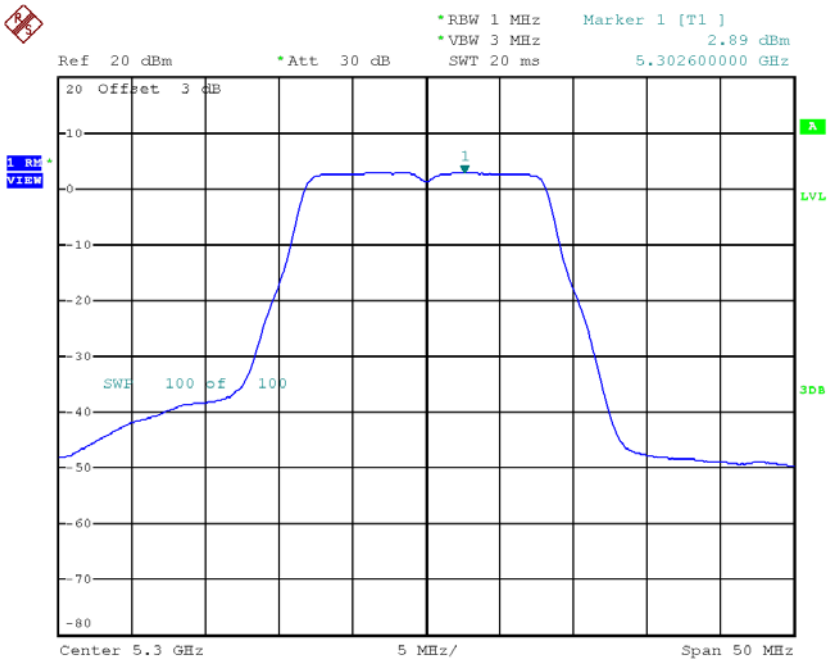
Test Mode: UNII-2A/ TX A Mode_CH52/CH60/CH64_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	2.35	0.08	2.43	11.00
CH60	5300	2.89	0.08	2.97	11.00
CH64	5320	2.94	0.08	3.02	11.00

CH52

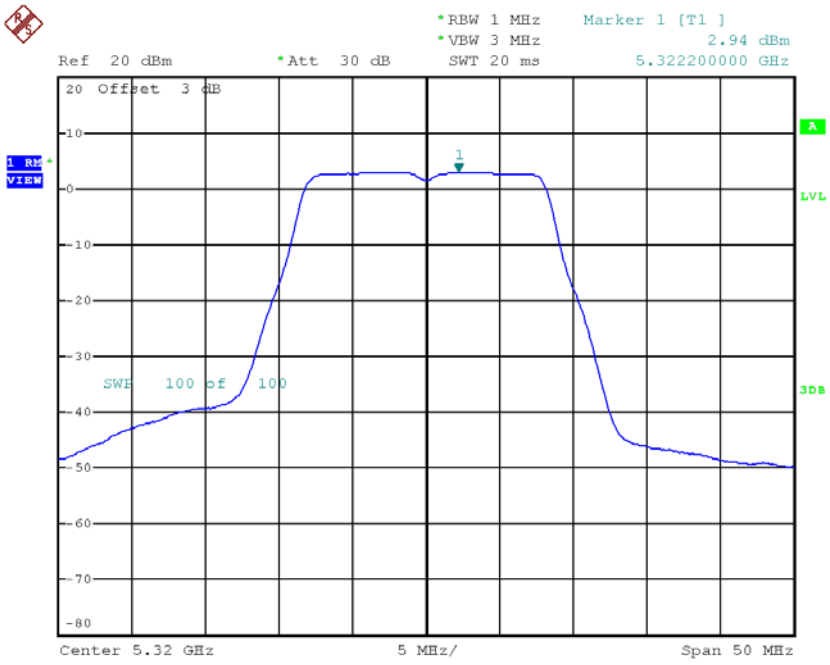


CH60



Date: 18.APR.2018 16:12:48

CH64



Date: 18.APR.2018 16:14:14

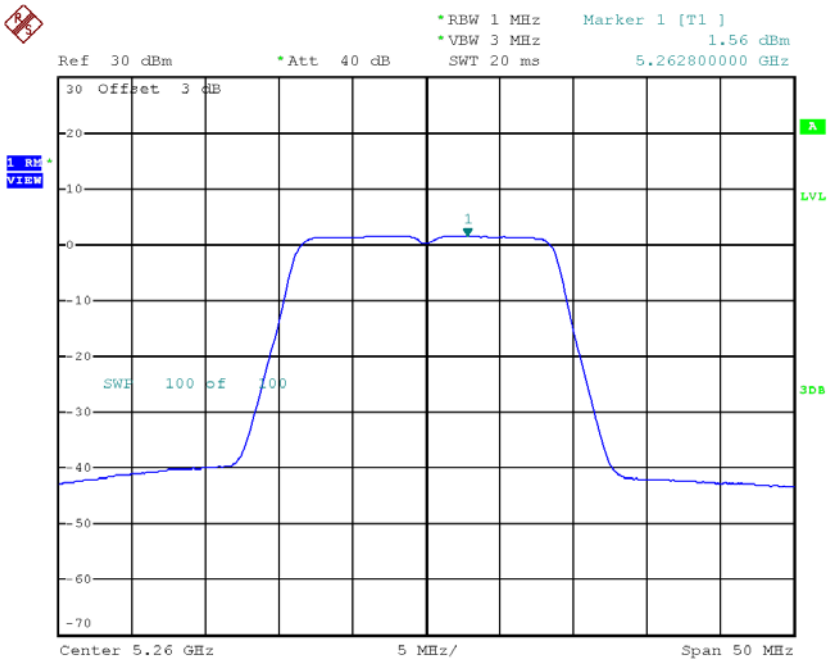
Test Mode: UNII-2A/ TX A Mode_CH52/CH60/CH64_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	5.79	11.00
CH60	5300	6.23	11.00
CH64	5320	6.38	11.00

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	1.56	0.16	1.72	11.00
CH60	5300	1.90	0.16	2.06	11.00
CH64	5320	2.19	0.16	2.35	11.00

CH52



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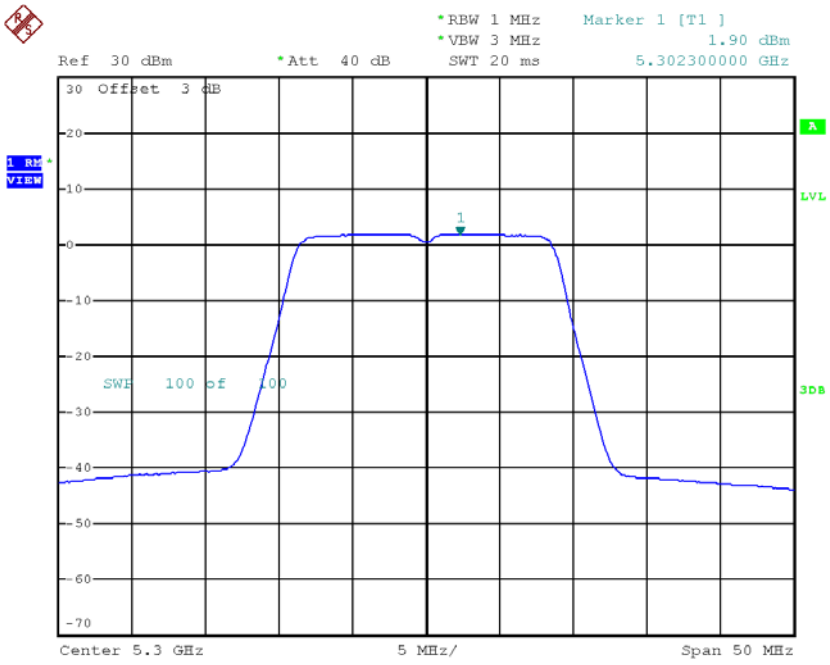
CH60



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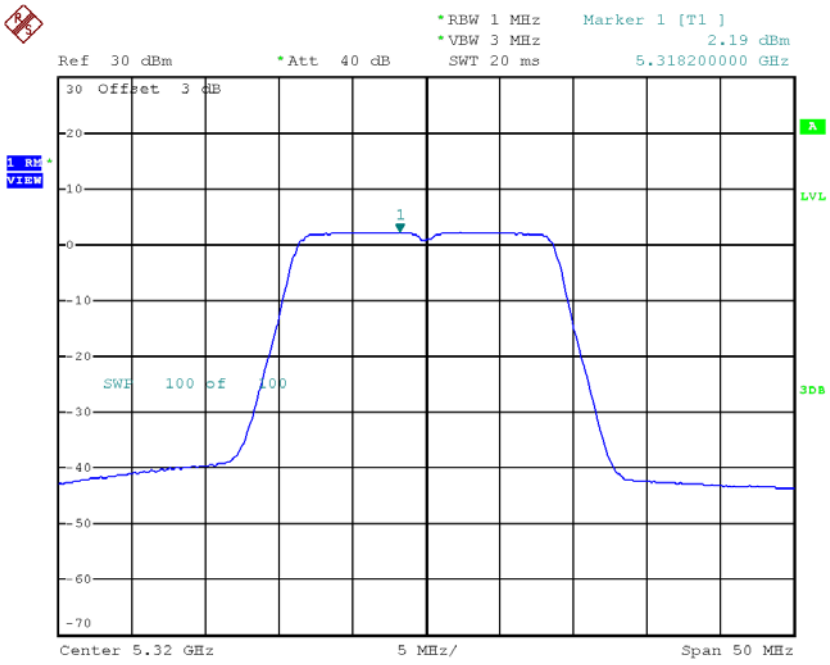
CH64

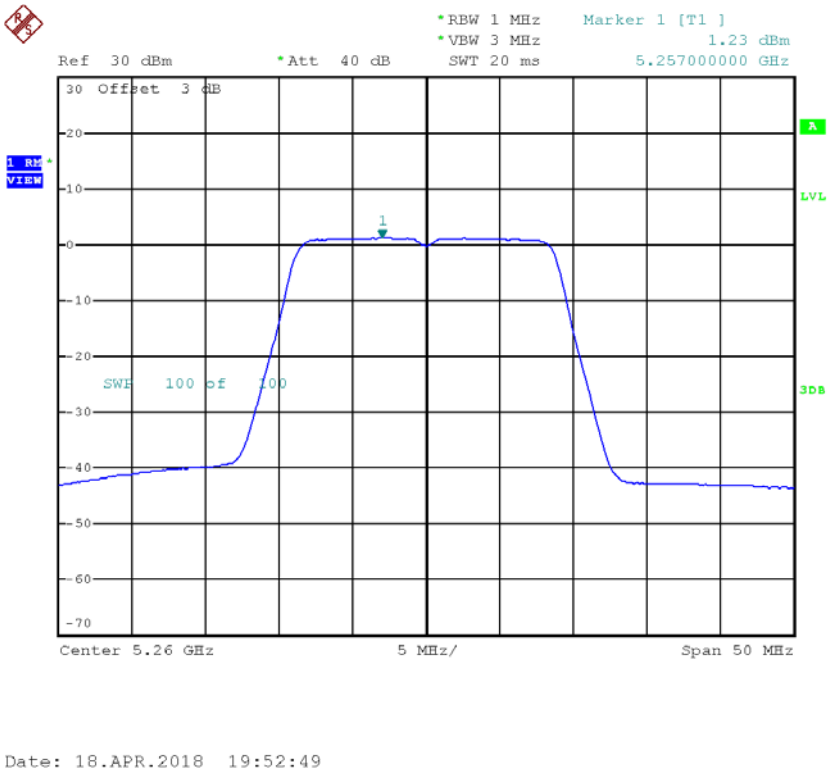


Date: 18.APR.2018 19:34:09

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64_ANT 2

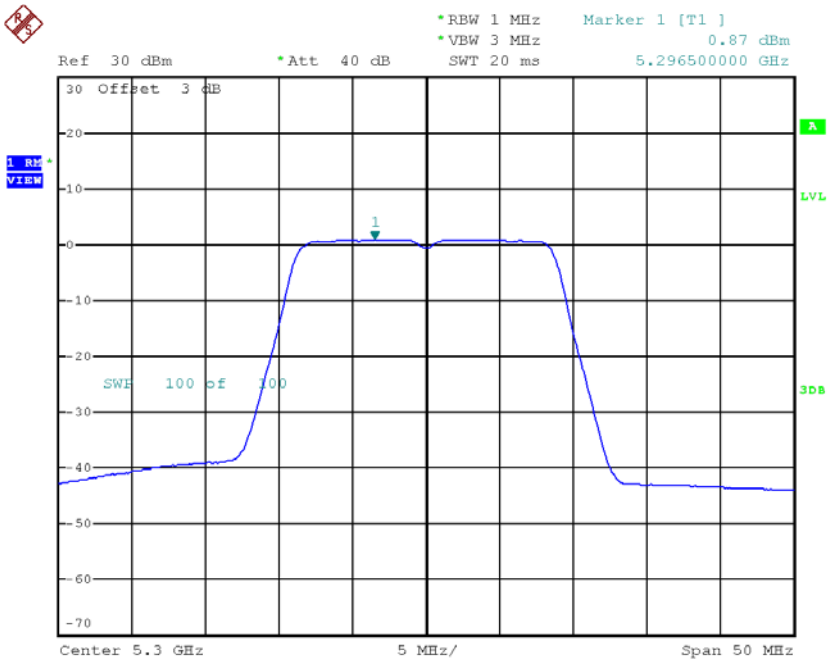
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	1.23	0.16	1.39	11.00
CH60	5300	0.87	0.16	1.03	11.00
CH64	5320	1.21	0.16	1.37	11.00

CH52



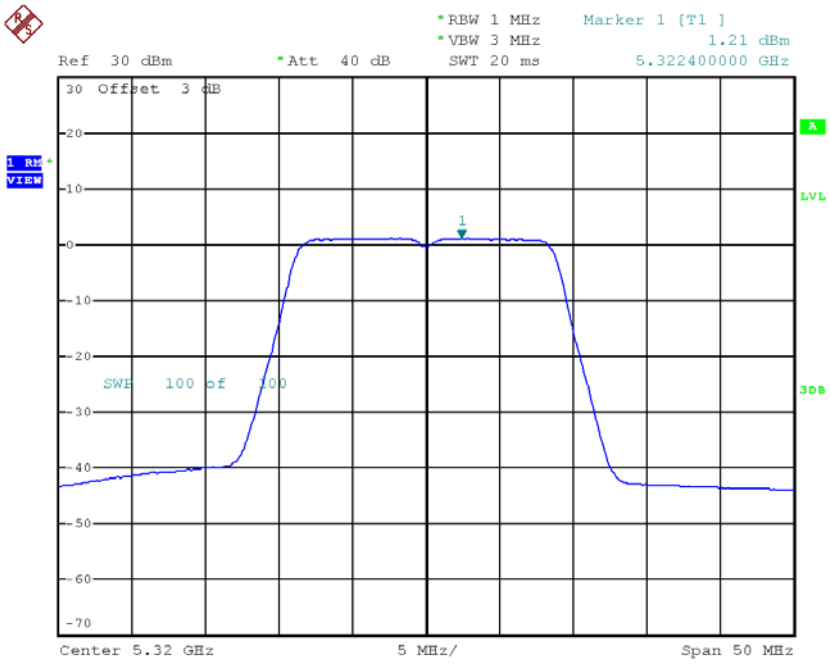
Date: 18.APR.2018 19:52:49

CH60



Date: 18.APR.2018 20:00:54

CH64



Date: 18.APR.2018 20:02:04

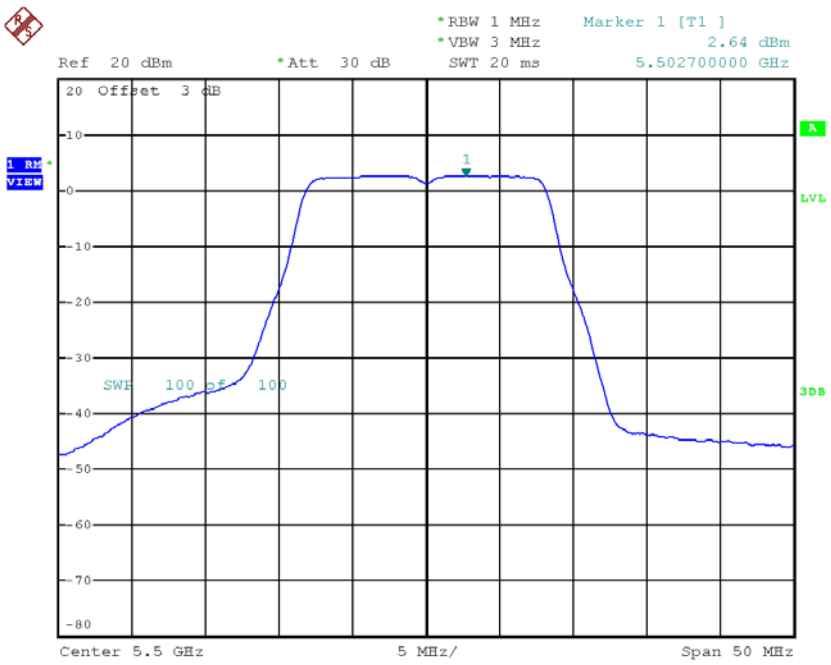
Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	4.57	11.00
CH60	5300	4.59	11.00
CH64	5320	4.90	11.00

Test Mode: UNII-2C/ TX A Mode_CH100/CH116/CH140_ANT 1

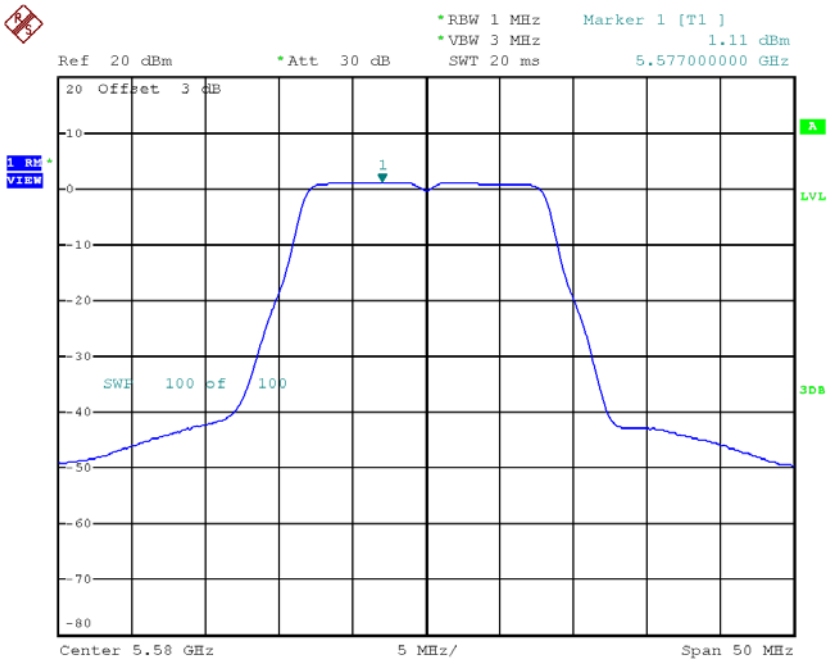
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	2.64	0.08	2.72	11.00
CH116	5580	1.11	0.08	1.19	11.00
CH140	5700	0.28	0.08	0.36	11.00

CH100



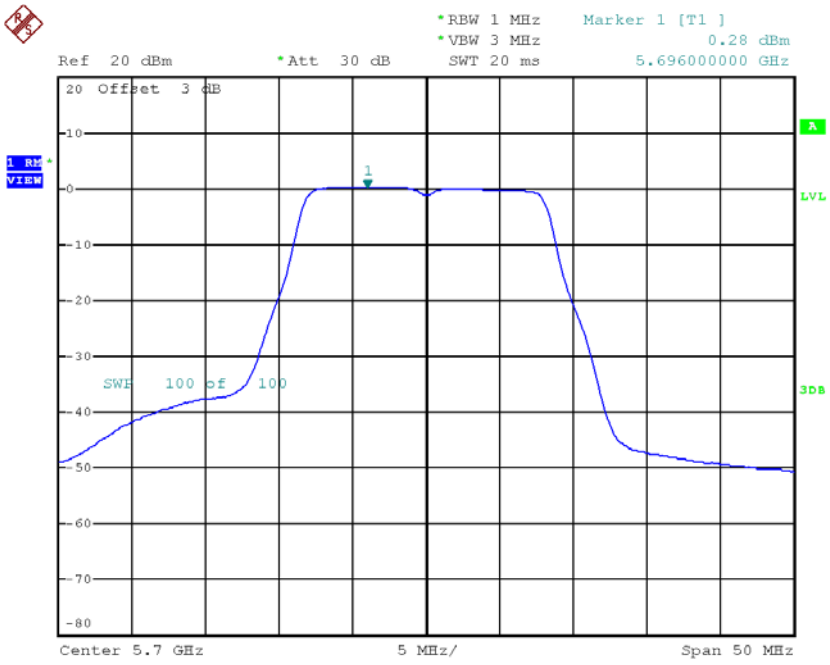
Date: 18.APR.2018 15:54:47

CH116



Date: 18.APR.2018 15:57:08

CH140

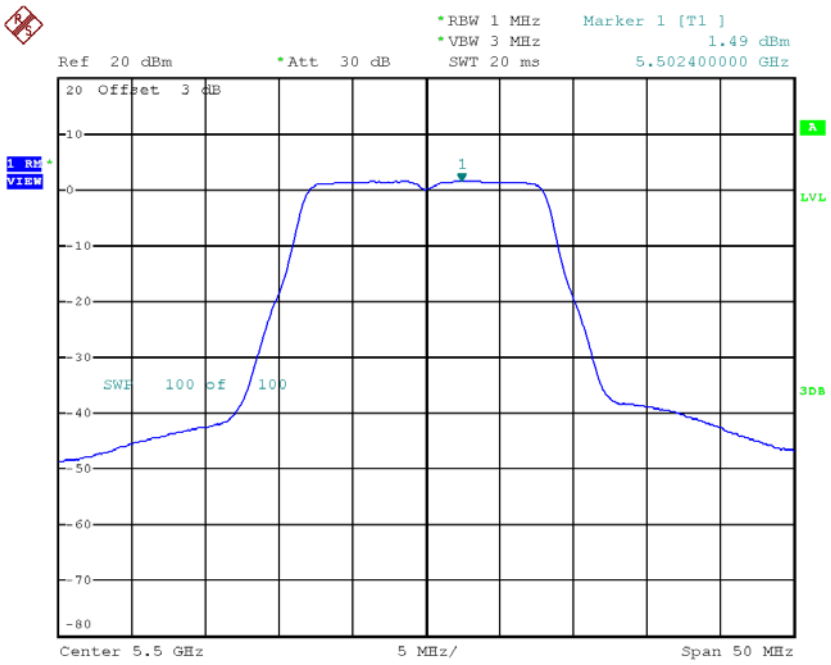


Date: 18.APR.2018 15:58:34

Test Mode: UNII-2C/ TX A Mode_CH100/CH116/CH140_ANT 2

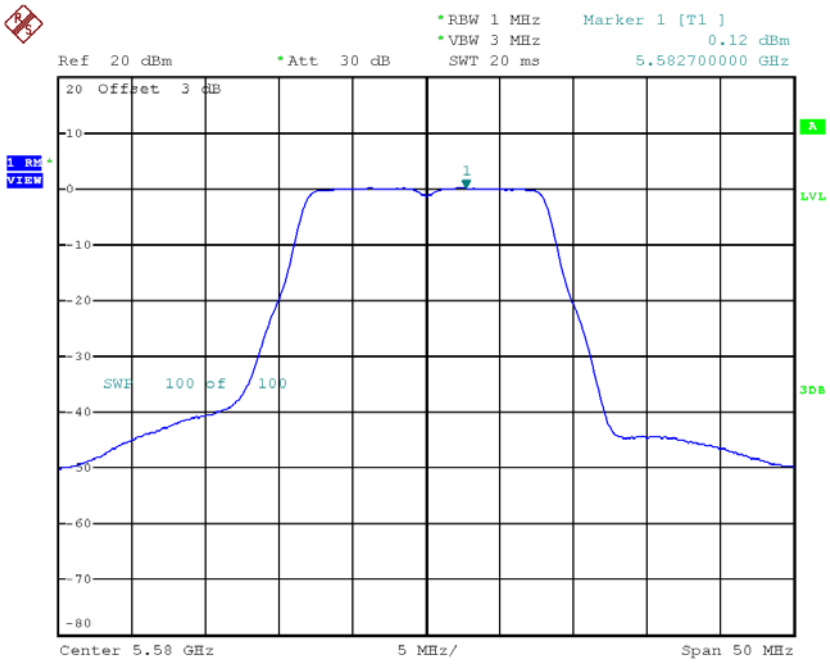
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	1.49	0.08	1.57	11.00
CH116	5580	0.12	0.08	0.20	11.00
CH140	5700	-54.27	0.08	-54.19	11.00

CH100



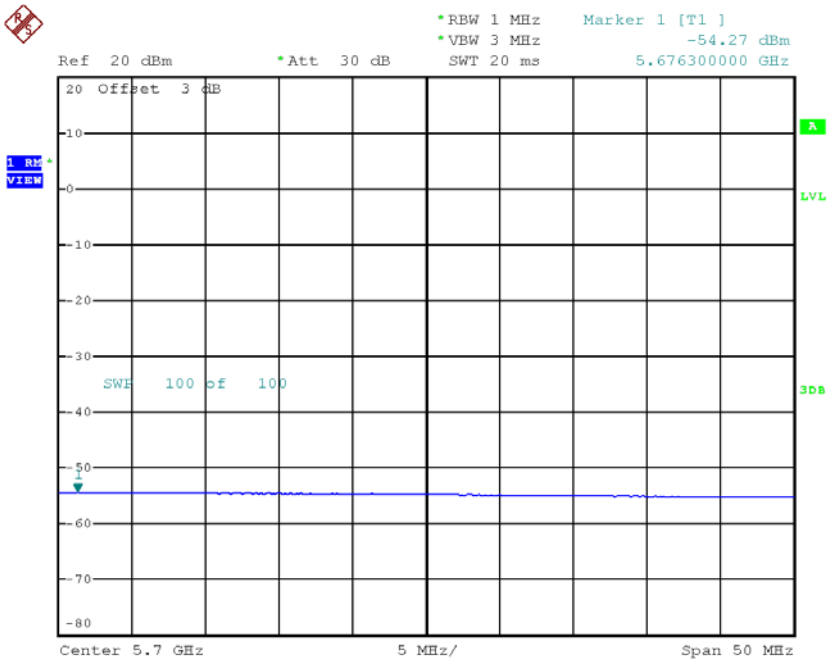
Date: 18.APR.2018 16:15:31

CH116



Date: 18.APR.2018 16:17:04

CH140



Date: 18.APR.2018 16:18:23

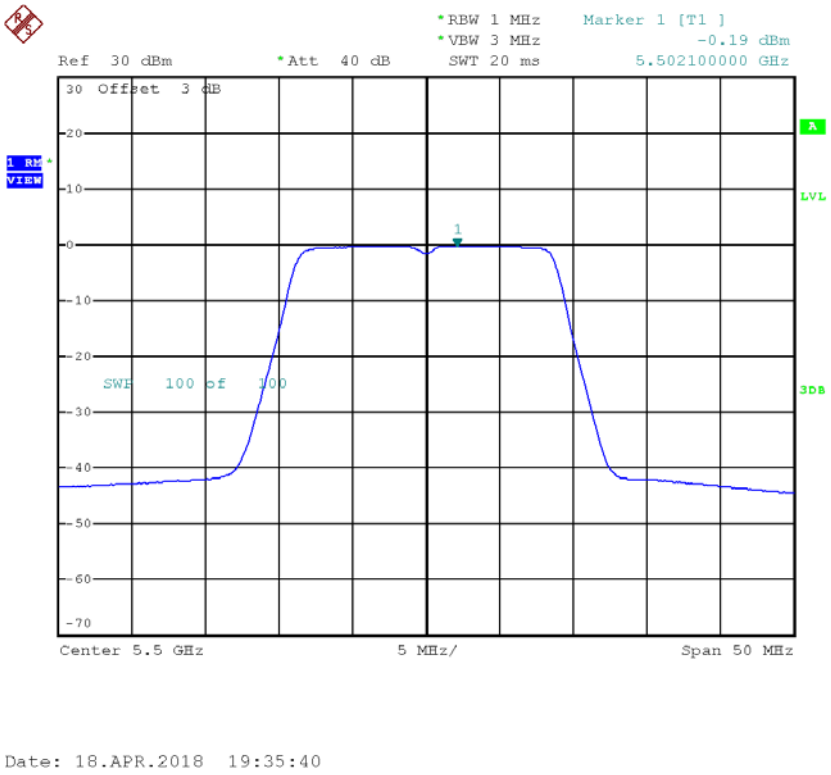
Test Mode: UNII-2C/ TX A Mode_CH100/CH116/CH140_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	5.19	11.00
CH116	5580	3.73	11.00
CH140	5700	0.36	11.00

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140_ANT 1

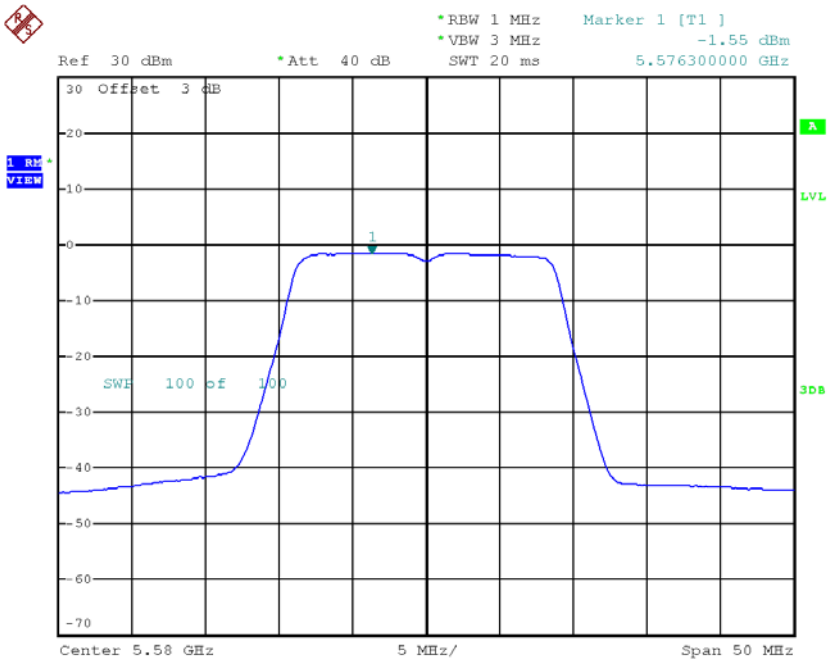
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	-0.19	0.16	-0.03	11.00
CH116	5580	-1.55	0.16	-1.39	11.00
CH140	5700	-3.06	0.16	-2.90	11.00

CH100



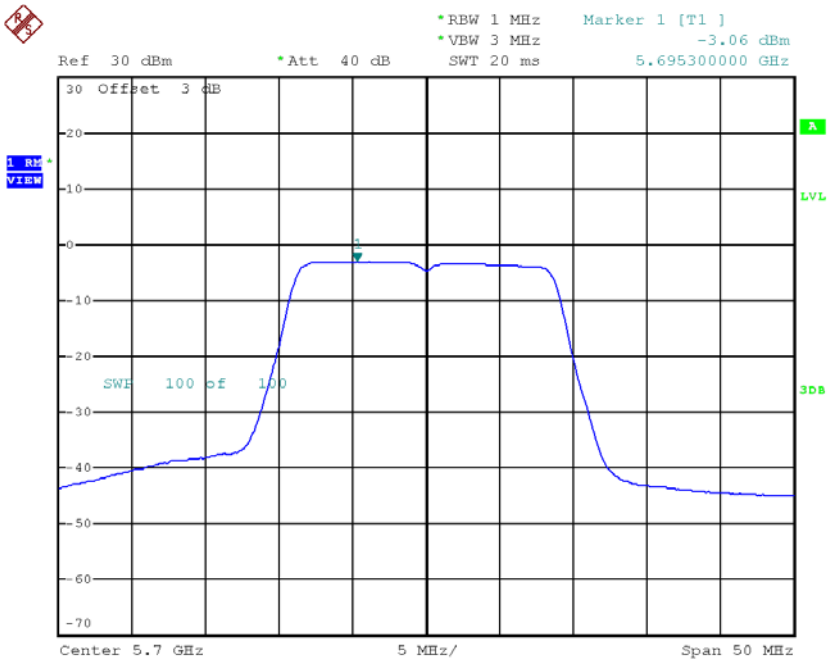
Date: 18.APR.2018 19:35:40

CH116



Date: 18.APR.2018 19:37:36

CH140

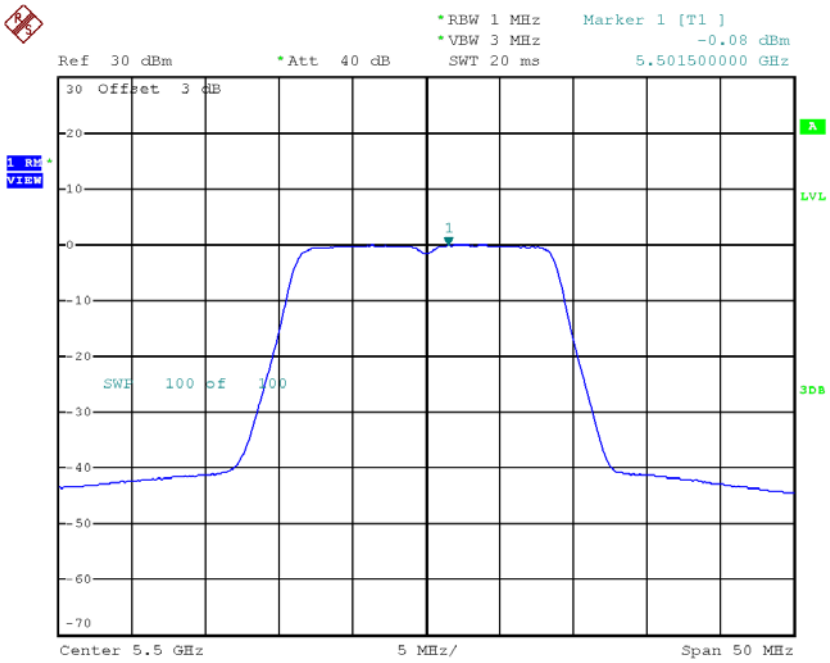


Date: 18.APR.2018 19:46:15

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140_ANT 2

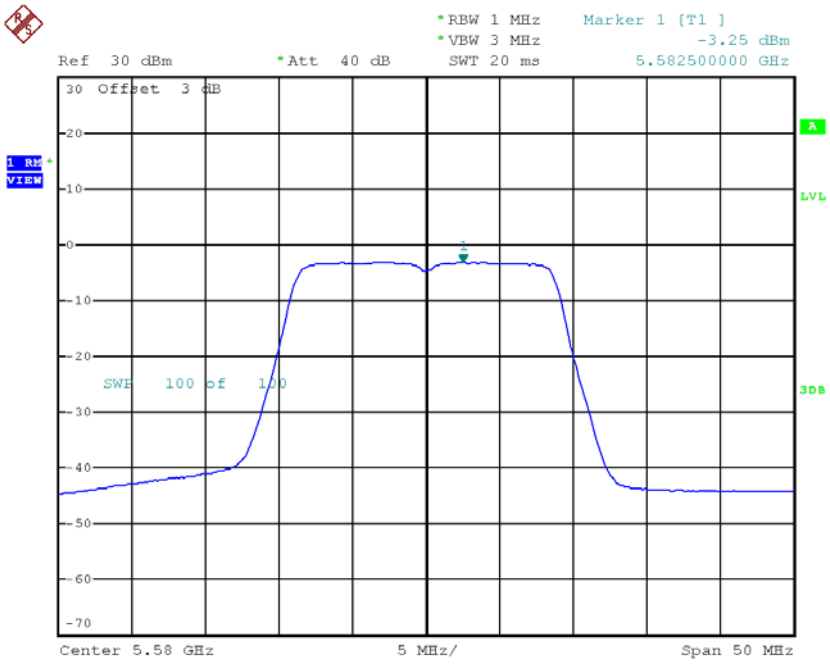
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	-0.08	0.16	0.08	11.00
CH116	5580	-3.25	0.16	-3.09	11.00
CH140	5700	-1.97	0.16	-1.81	11.00

CH100



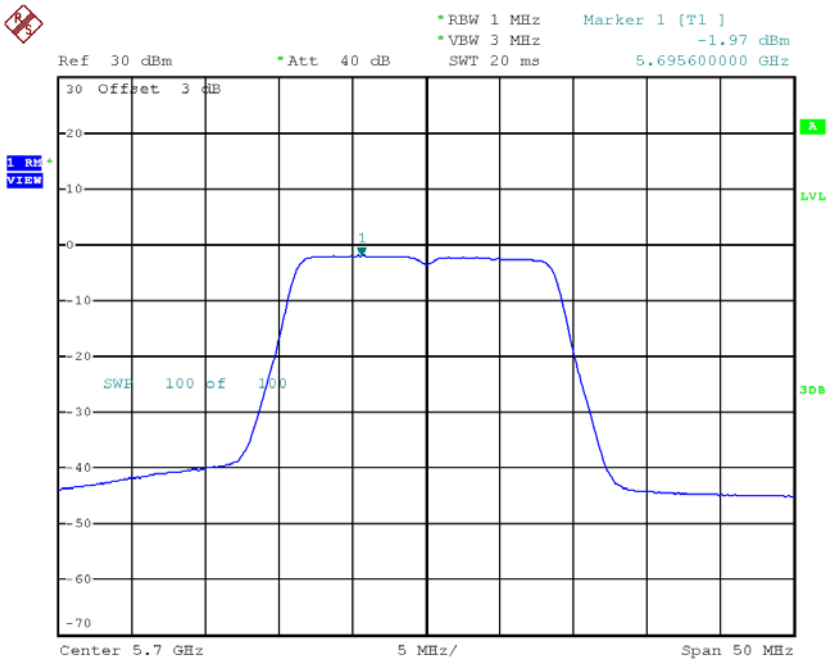
Date: 18.APR.2018 20:03:01

CH116



Date: 18.APR.2018 20:04:24

CH140



Date: 18.APR.2018 20:06:01

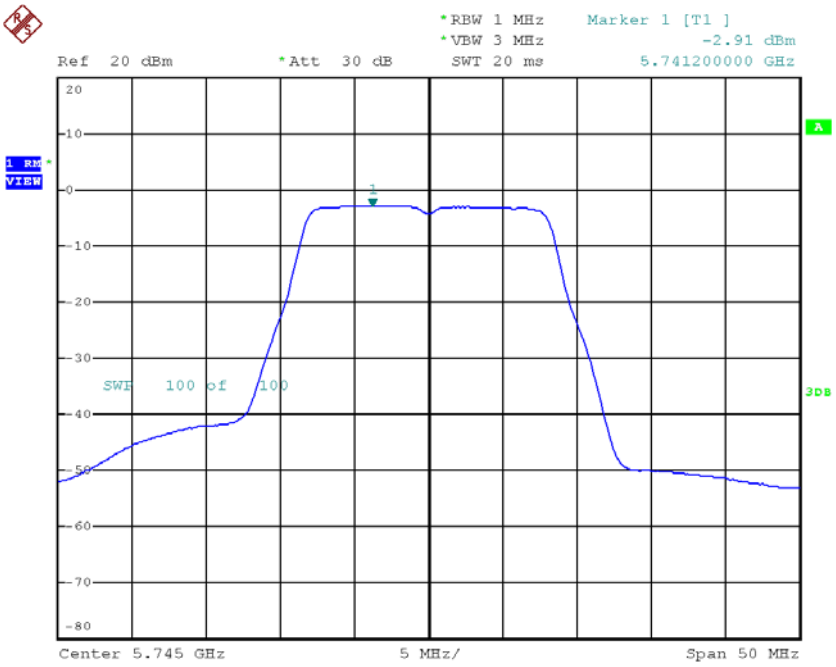
Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	3.04	11.00
CH116	5580	0.85	11.00
CH140	5700	0.69	11.00

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

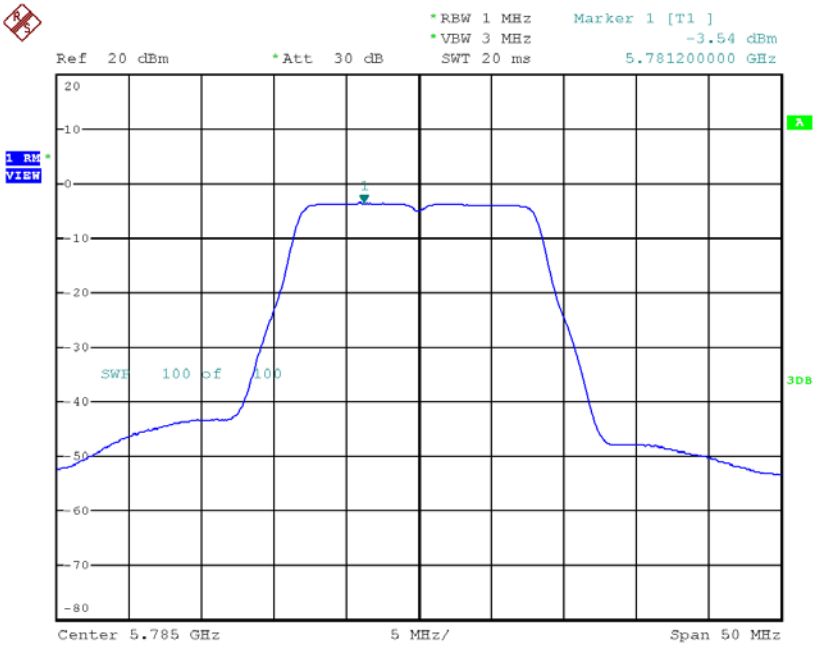
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-2.91	0.08	-2.83	30.00
CH157	5785	-3.54	0.08	-3.46	30.00
CH165	5825	-4.81	0.08	-4.73	30.00

TX CH149



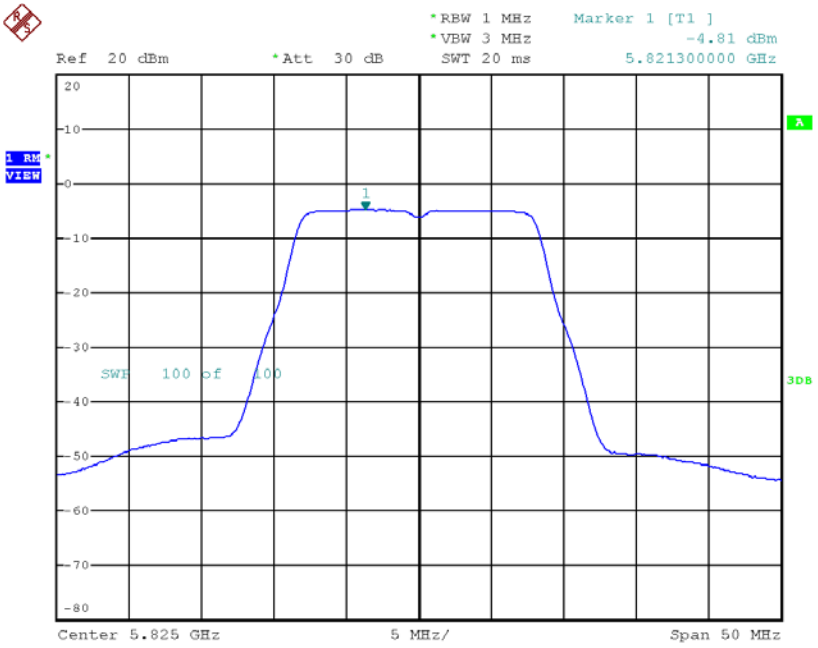
Date: 18.APR.2018 16:00:13

TX CH157



Date: 18.APR.2018 16:01:40

TX CH165

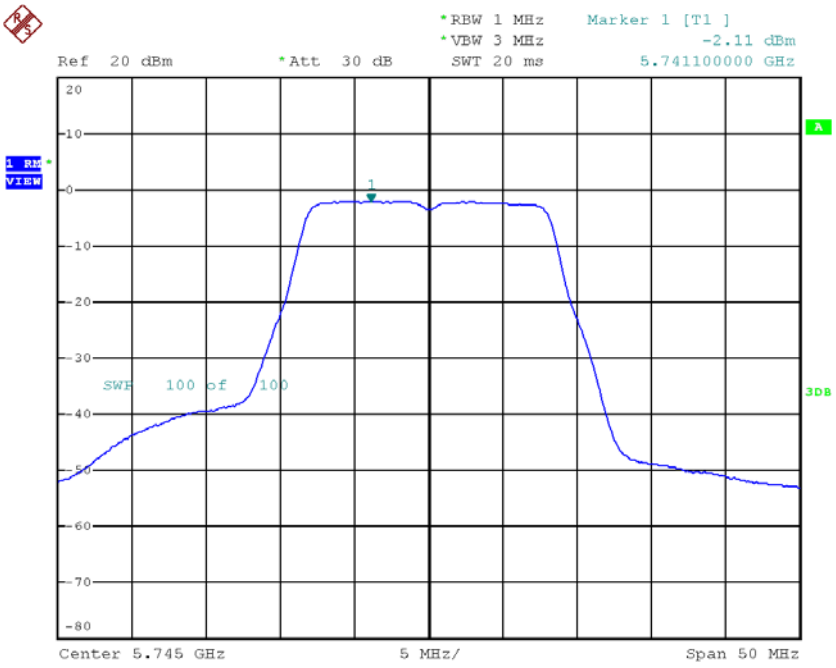


Date: 18.APR.2018 16:02:44

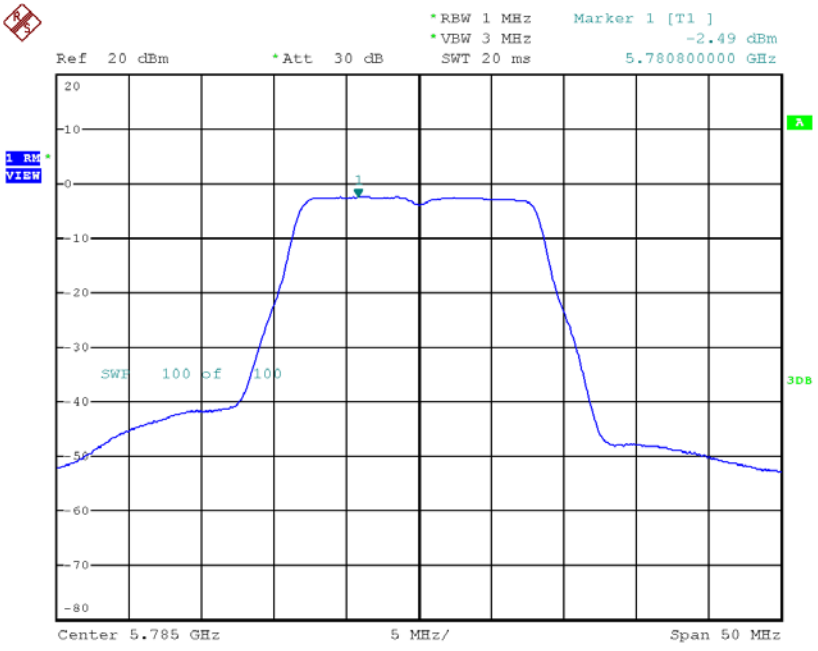
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-2.11	0.08	-2.03	30.00
CH157	5785	-2.49	0.08	-2.41	30.00
CH165	5825	-3.52	0.08	-3.44	30.00

TX CH149

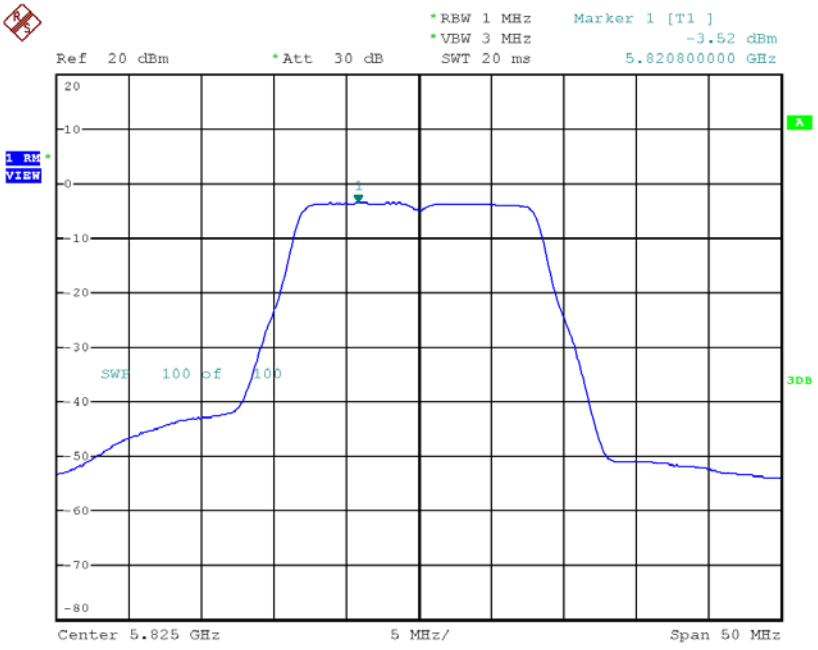


TX CH157



Date: 18.APR.2018 16:31:29

TX CH165



Date: 18.APR.2018 16:34:24

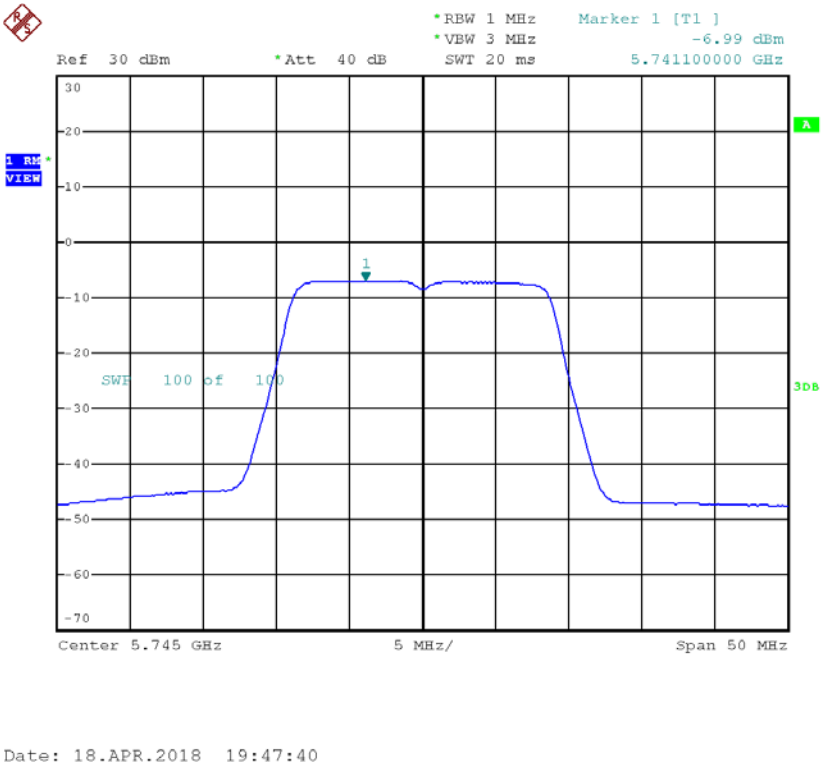
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	0.60	30.00
CH157	5785	0.11	30.00
CH165	5825	-1.03	30.00

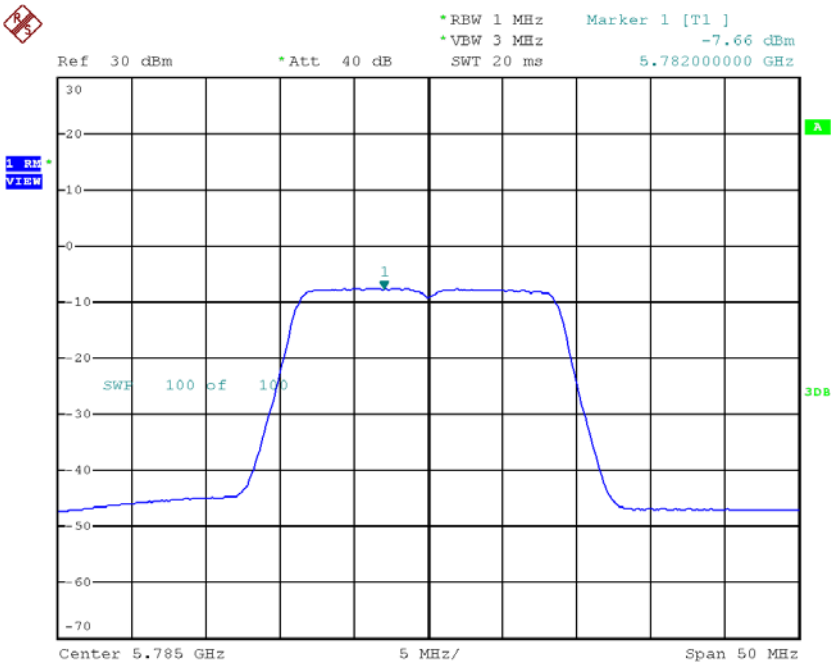
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-6.99	0.16	-6.83	30.00
CH157	5785	-7.66	0.16	-7.50	30.00
CH165	5825	-8.74	0.16	-8.58	30.00

TX CH149

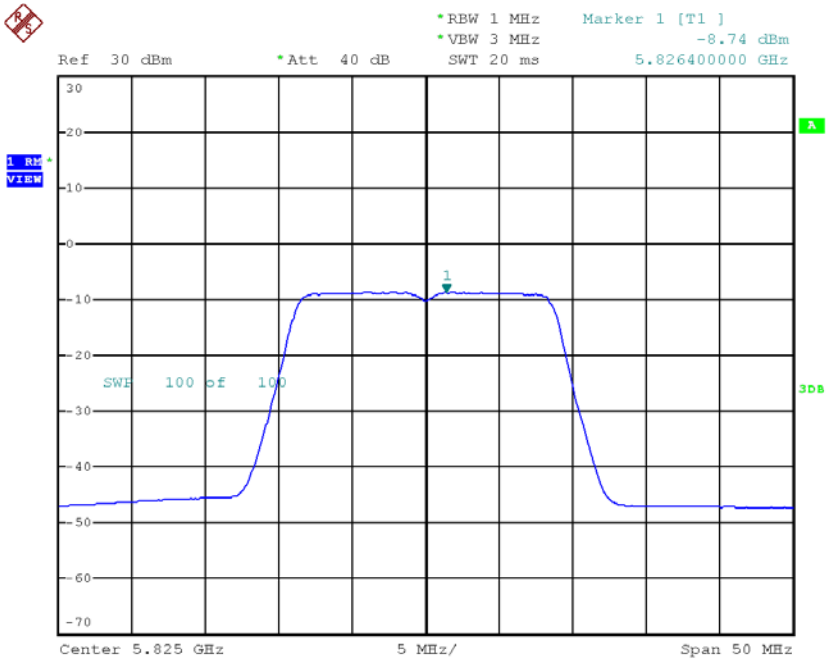


TX CH157



Date: 18.APR.2018 19:49:24

TX CH165

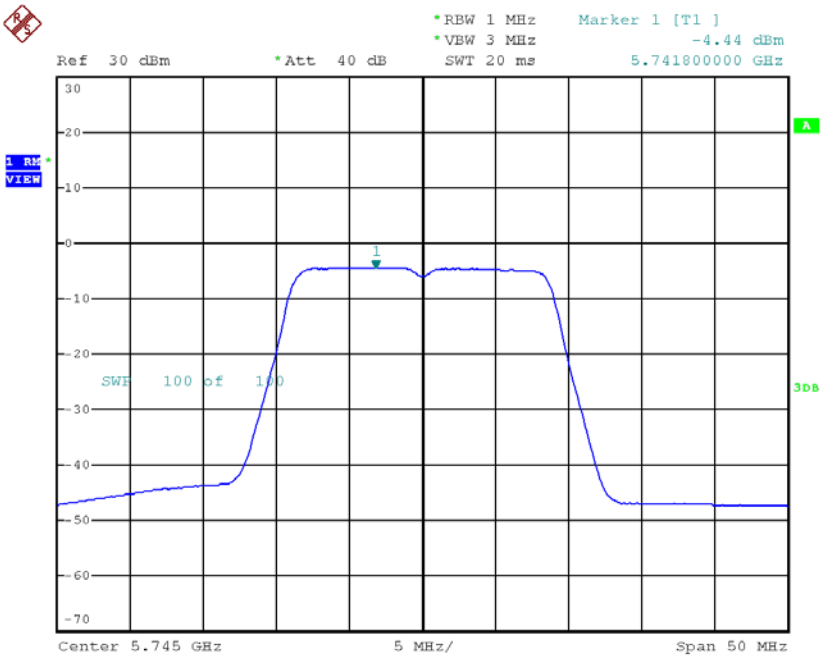


Date: 18.APR.2018 19:50:33

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

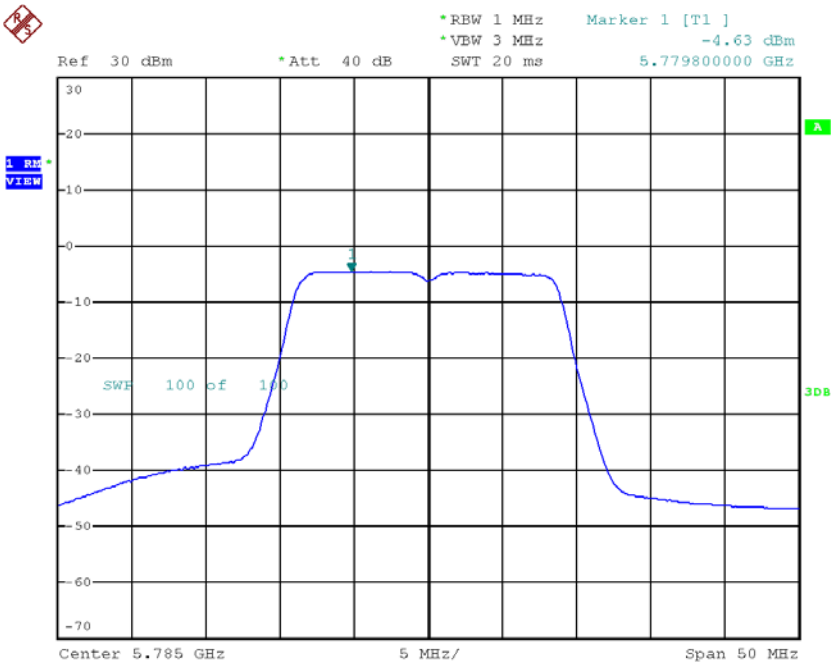
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-4.44	0.16	-4.28	30.00
CH157	5785	-4.63	0.16	-4.47	30.00
CH165	5825	-6.07	0.16	-5.91	30.00

TX CH149



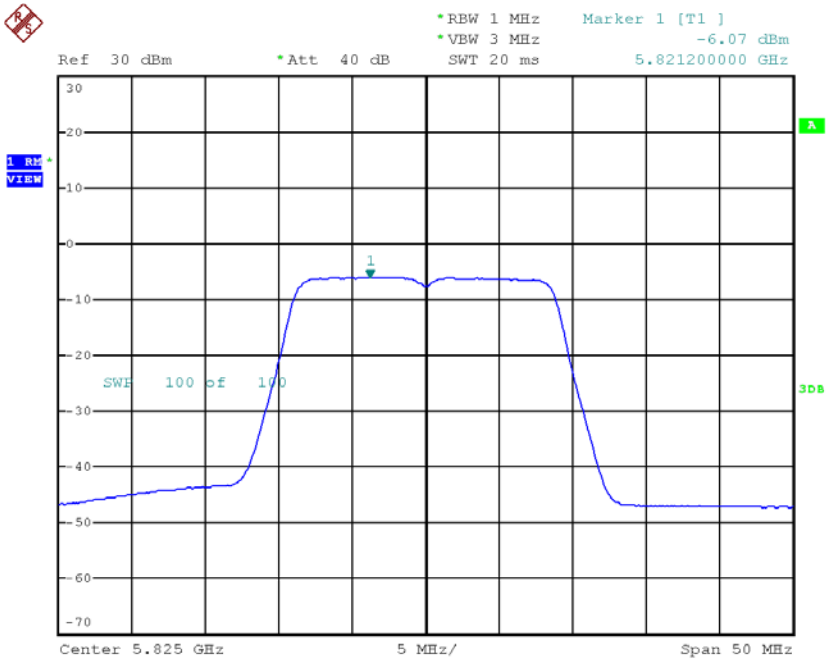
Date: 18.APR.2018 20:07:15

TX CH157



Date: 18.APR.2018 20:12:29

TX CH165



Date: 18.APR.2018 20:16:23

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

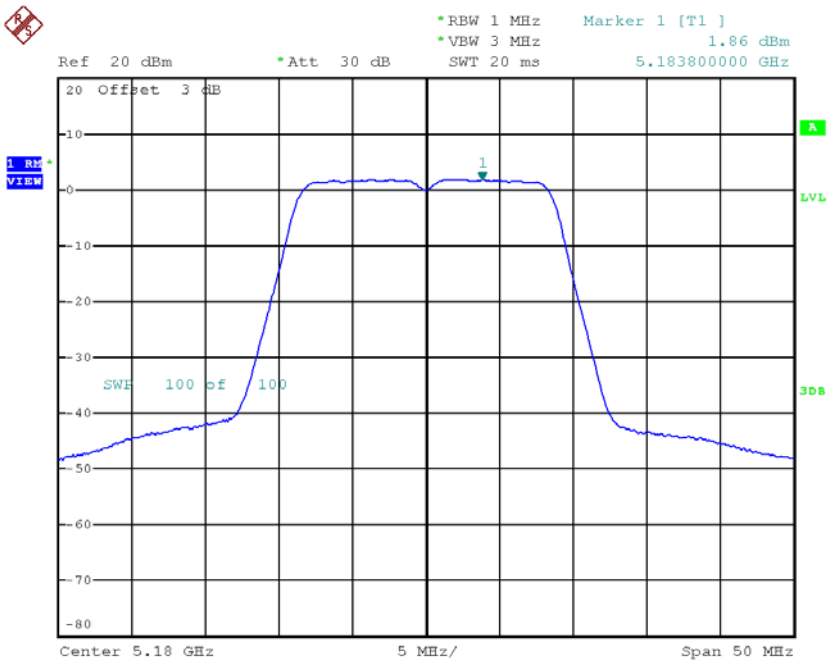
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-2.36	30.00
CH157	5785	-2.72	30.00
CH165	5825	-4.03	30.00

For FCC UNII-1

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

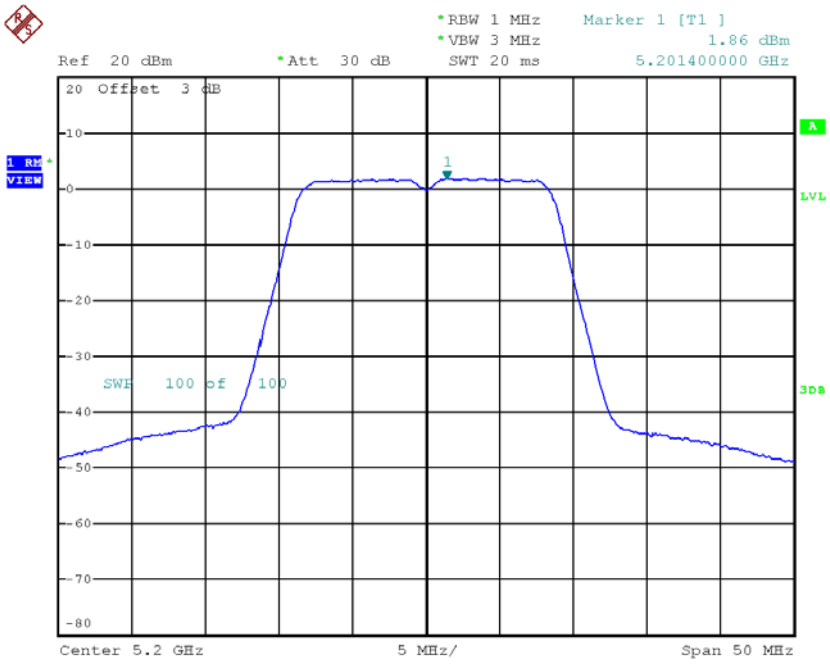
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.86	1.06	2.92	11.00
CH40	5200	1.86	1.06	2.92	11.00
CH48	5240	1.90	1.06	2.96	11.00

CH36



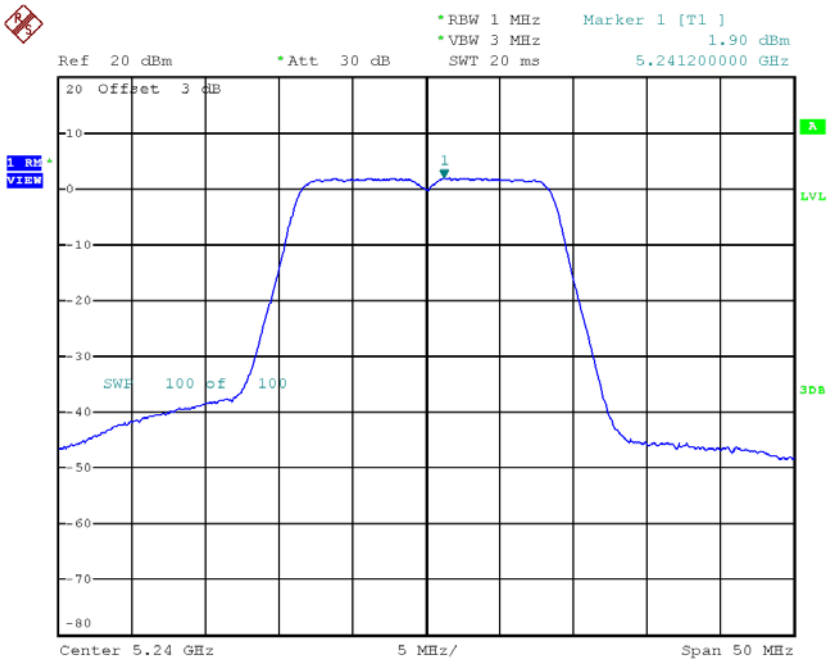
Date: 17.APR.2018 19:34:14

CH40



Date: 17.APR.2018 19:35:26

CH48

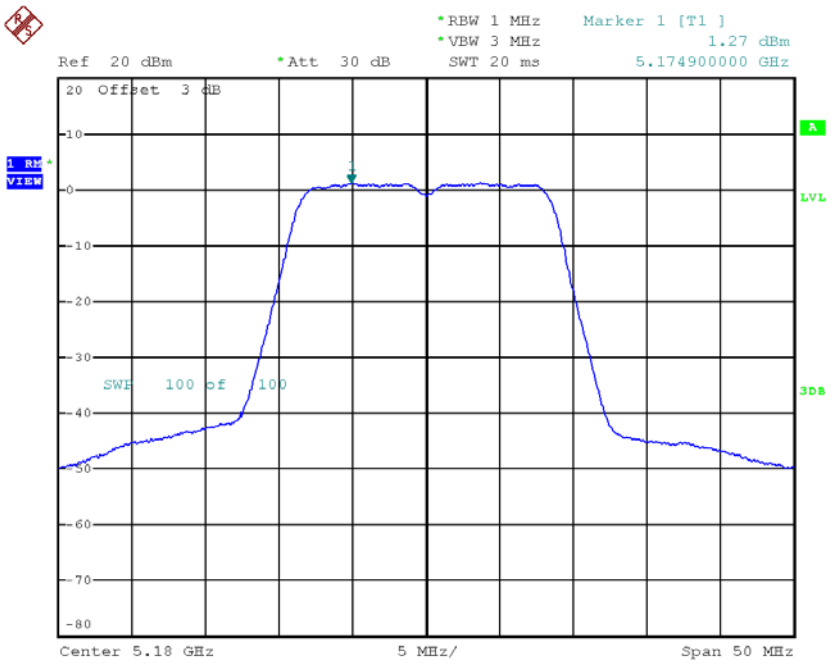


Date: 17.APR.2018 19:40:23

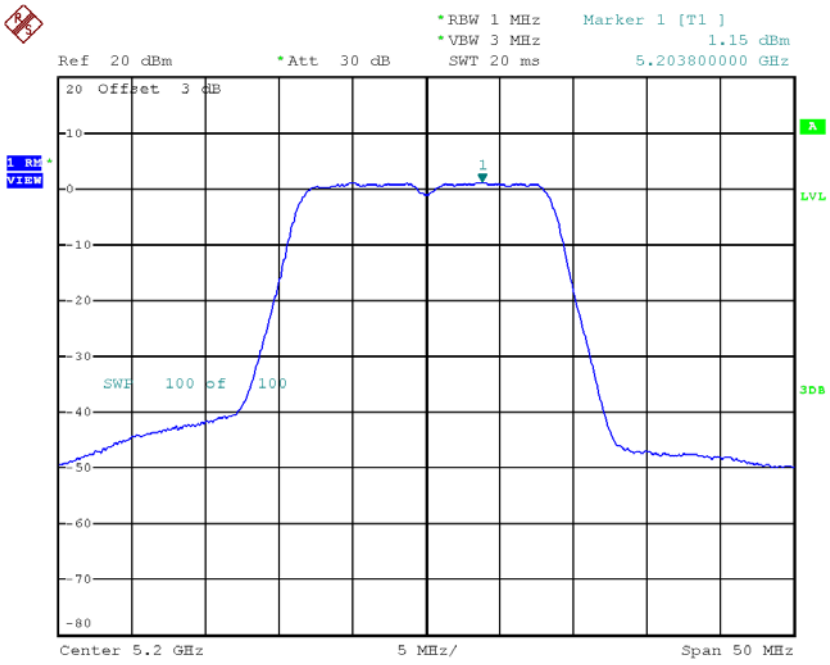
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.27	1.06	2.33	11.00
CH40	5200	1.15	1.06	2.21	11.00
CH48	5240	1.72	1.06	2.78	11.00

CH36

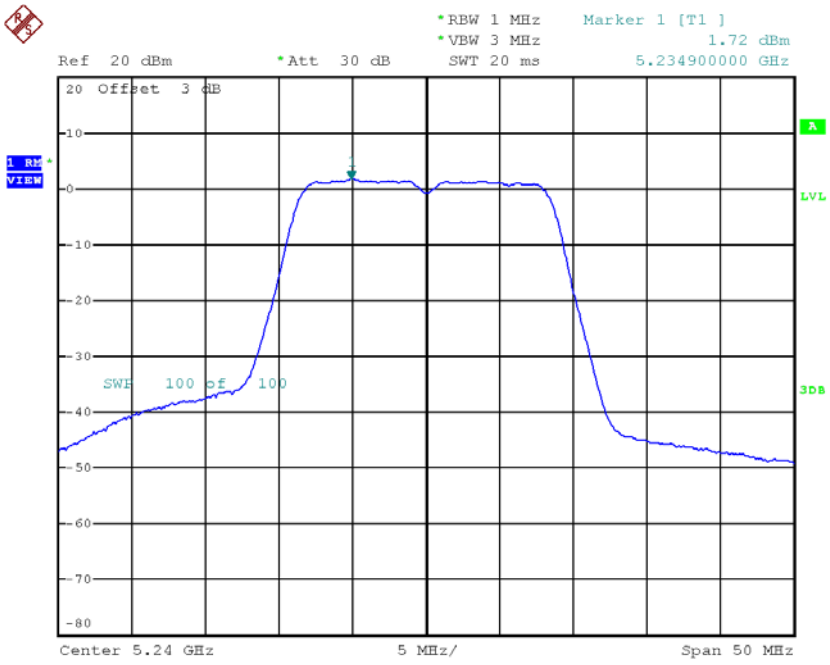


CH40



Date: 17.APR.2018 17:49:06

CH48



Date: 17.APR.2018 17:57:11

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

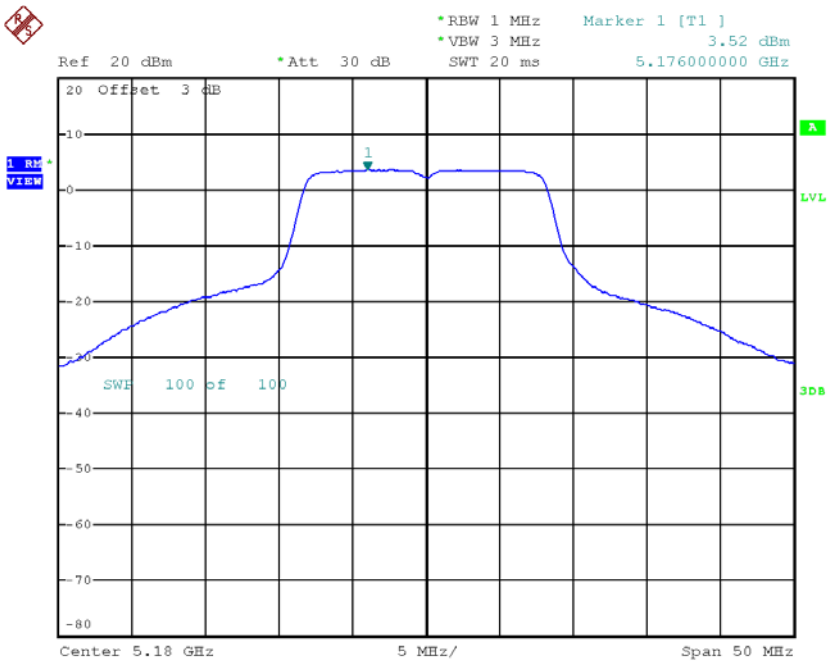
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.65	11.00
CH40	5200	5.59	11.00
CH48	5240	5.88	11.00

For ISEDR UNII-1

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

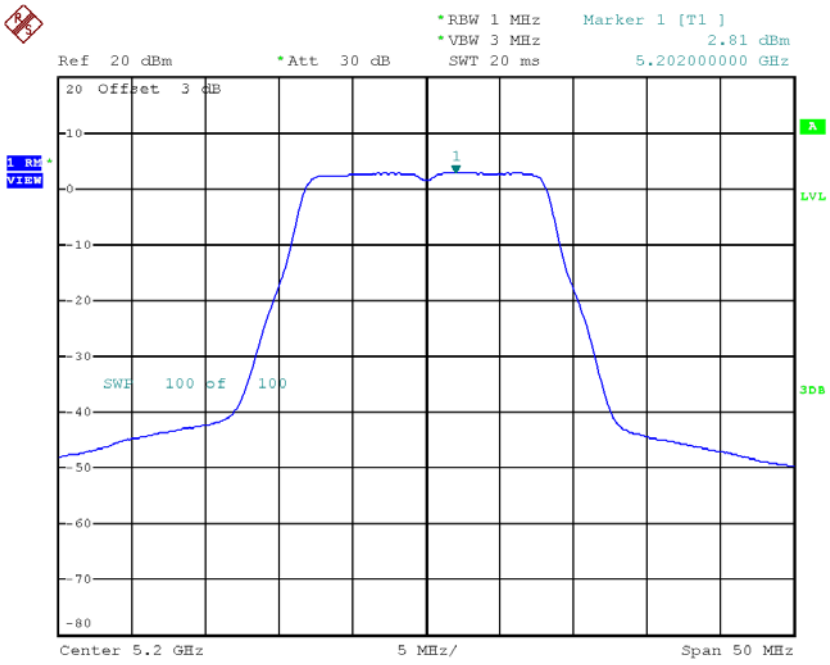
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.86	1.06	4.92	10.00
CH40	5200	1.86	1.06	4.92	10.00
CH48	5240	1.90	1.06	4.96	10.00

CH36



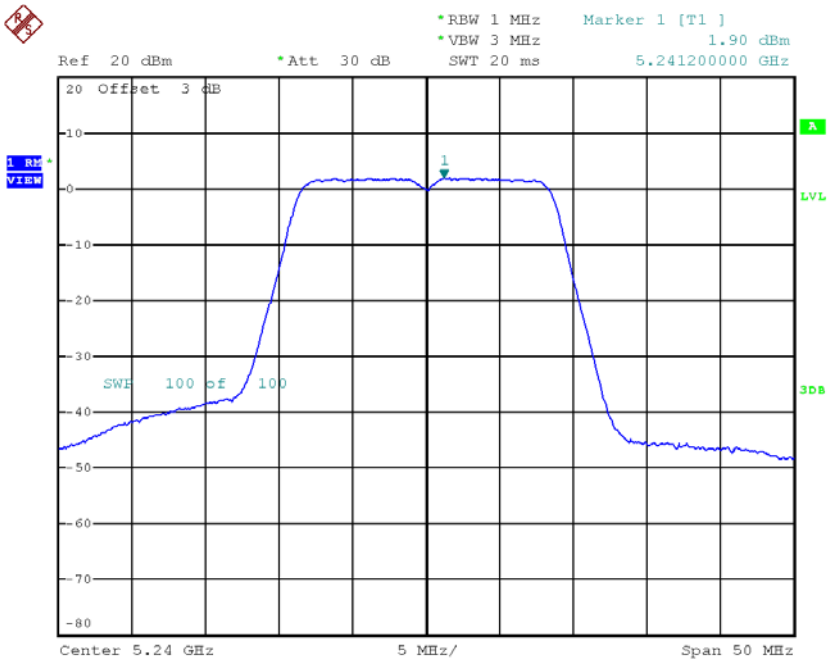
Date: 17.APR.2018 19:19:24

CH40



Date: 17.APR.2018 19:21:43

CH48

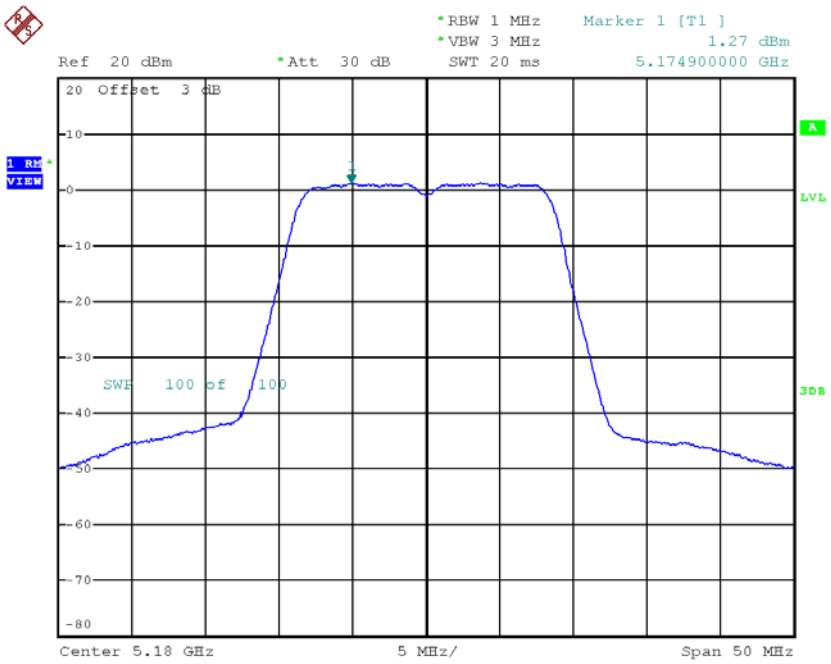


Date: 17.APR.2018 19:40:23

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

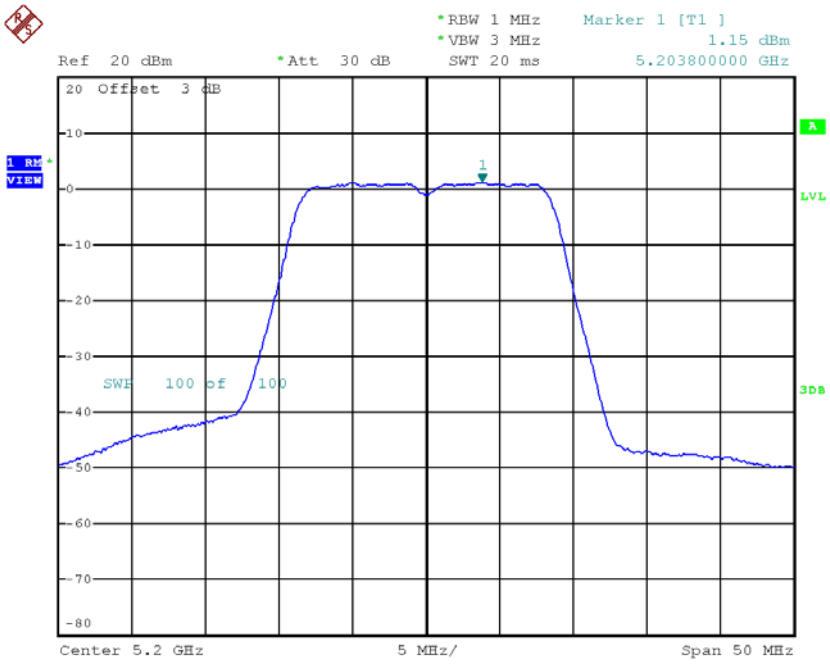
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.27	1.06	4.33	10.00
CH40	5200	1.15	1.06	4.21	10.00
CH48	5240	1.72	1.06	4.78	10.00

CH36



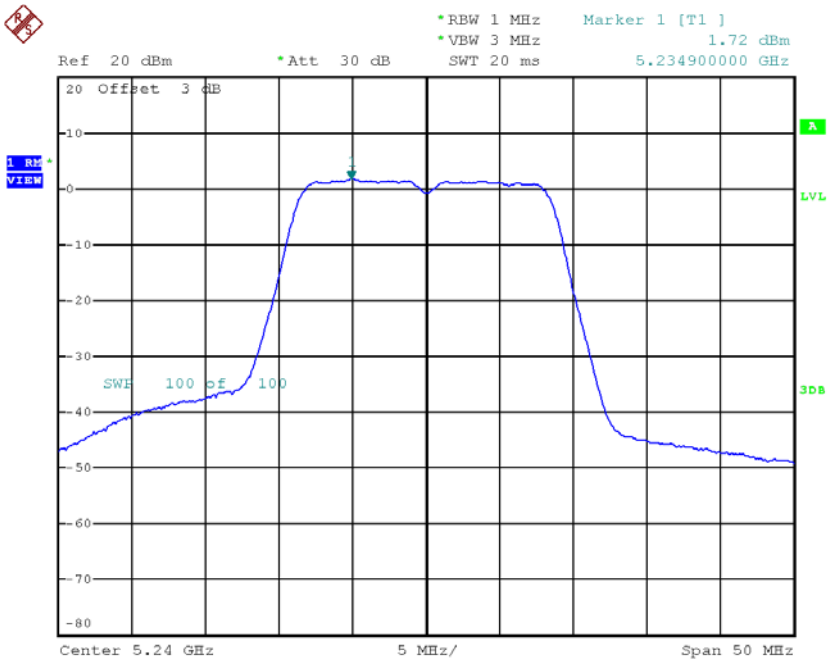
Date: 17.APR.2018 17:48:06

CH40



Date: 17.APR.2018 17:49:06

CH48



Date: 17.APR.2018 17:57:11

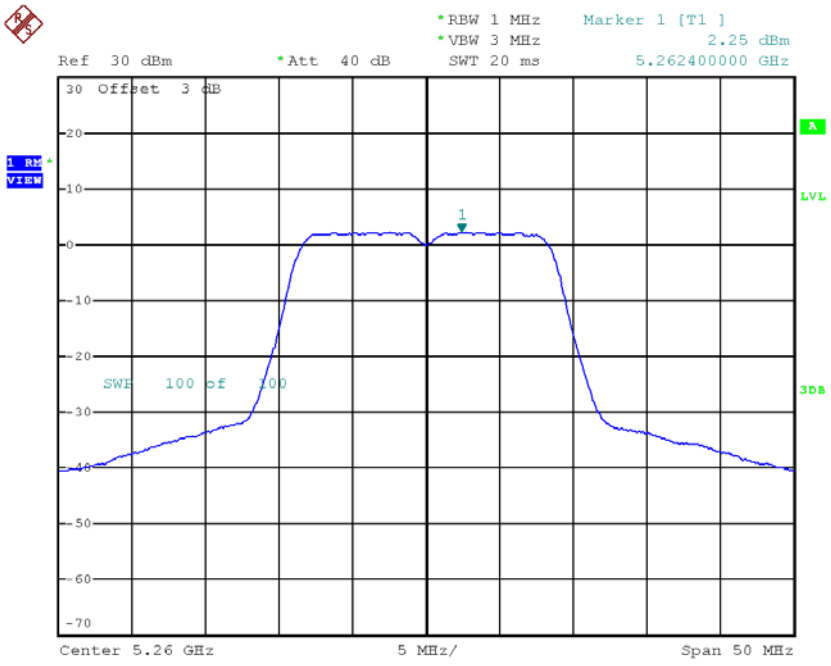
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	EIRP Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	7.65	10.00
CH40	5200	7.59	10.00
CH48	5240	7.89	10.00

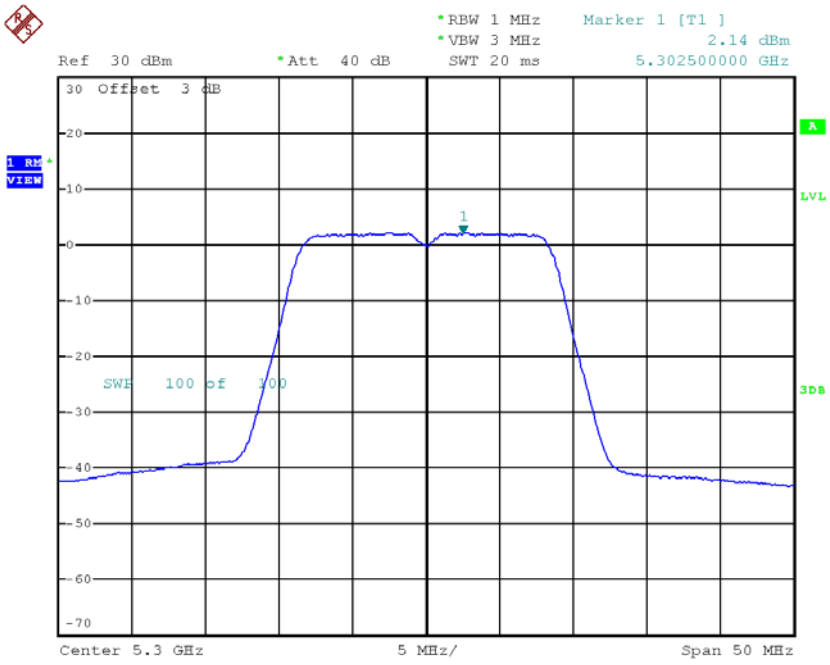
Test Mode: UNII-2A/TX AC20 Mode_CH52/CH60/CH64_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	2.25	1.06	3.31	11.00
CH60	5300	2.14	1.06	3.20	11.00
CH64	5320	2.10	1.06	3.16	11.00

CH52

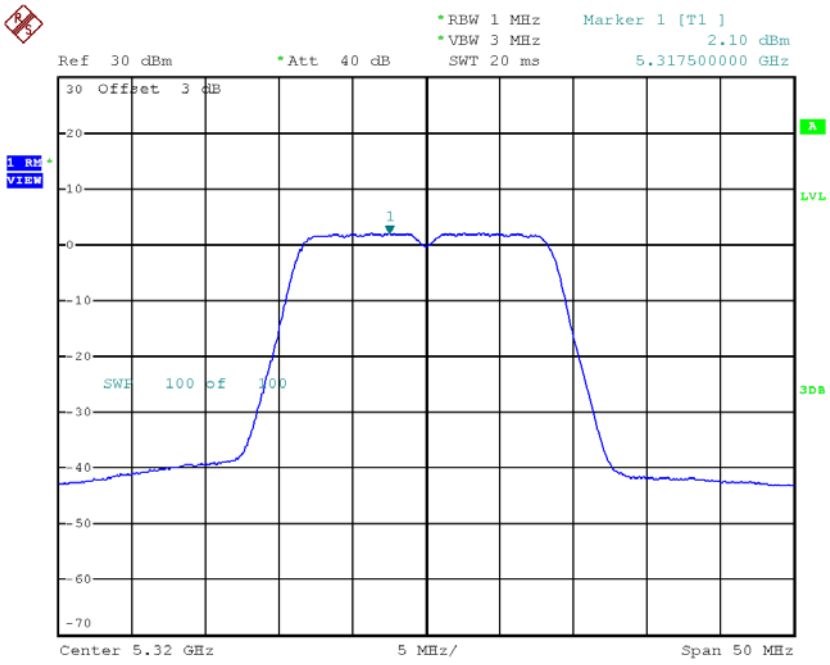


CH60



Date: 18.APR.2018 20:41:37

CH64

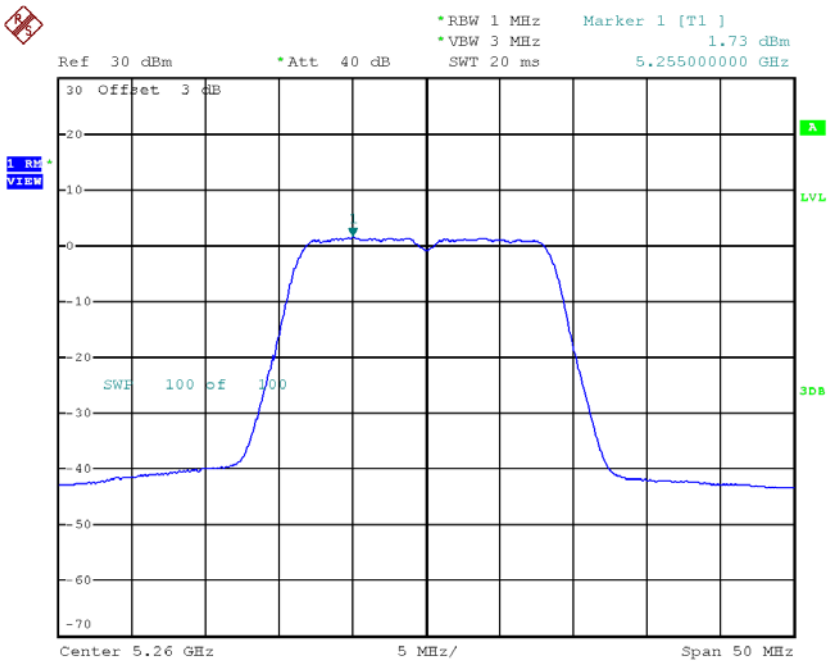


Date: 18.APR.2018 20:42:41

Test Mode: UNII-2A/TX AC20 Mode_CH52/CH60/CH64_ANT 2

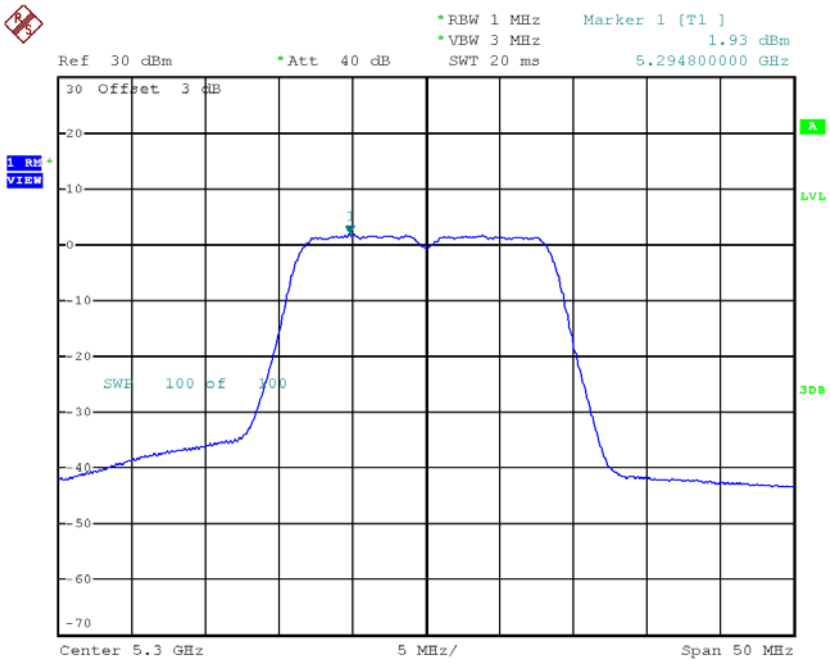
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	1.73	1.06	2.79	11.00
CH60	5300	1.93	1.06	2.99	11.00
CH64	5320	1.65	1.06	2.71	11.00

CH52



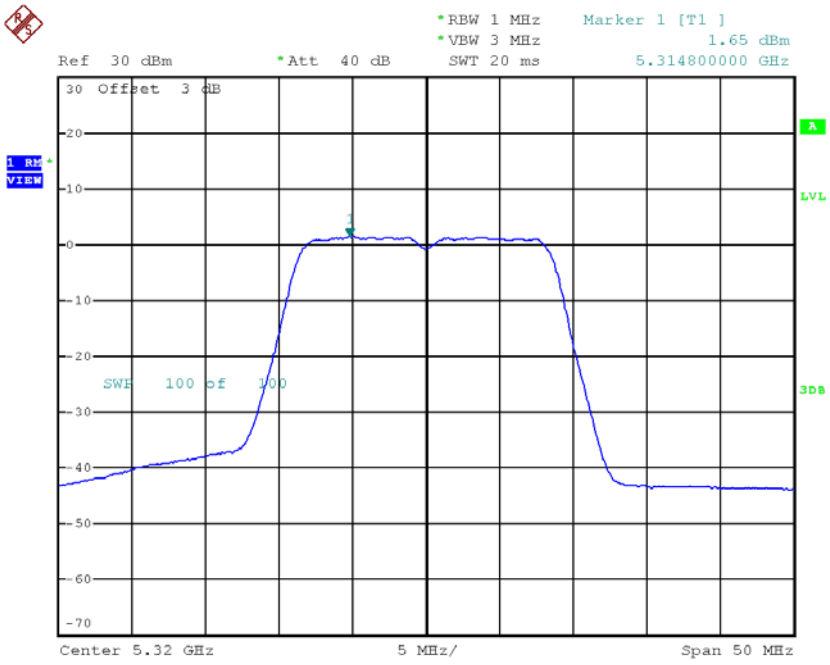
Date: 18.APR.2018 20:20:12

CH60



Date: 18.APR.2018 20:24:38

CH64



Date: 18.APR.2018 20:25:34

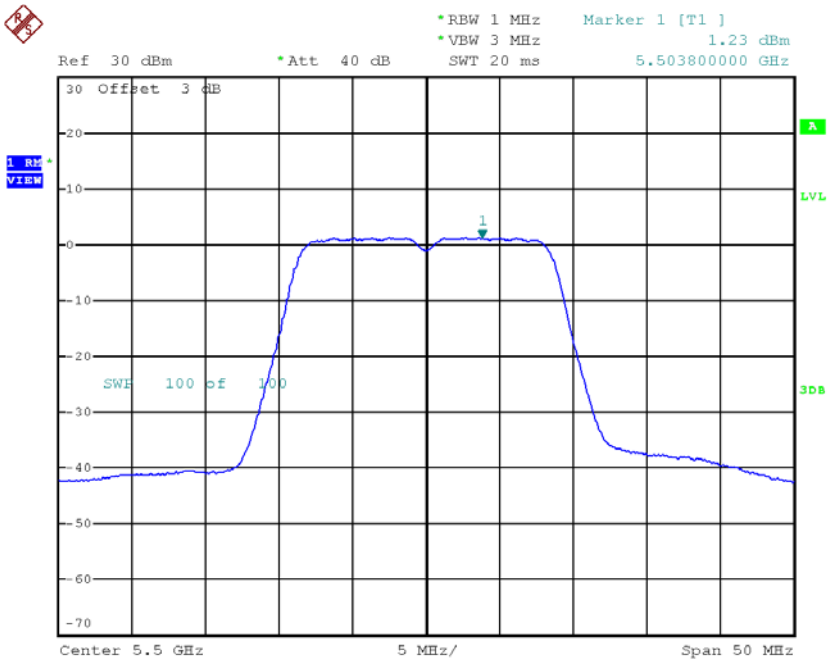
Test Mode: UNII-2A/TX AC20 Mode_CH52/CH60/CH64_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	6.07	11.00
CH60	5300	6.11	11.00
CH64	5320	5.95	11.00

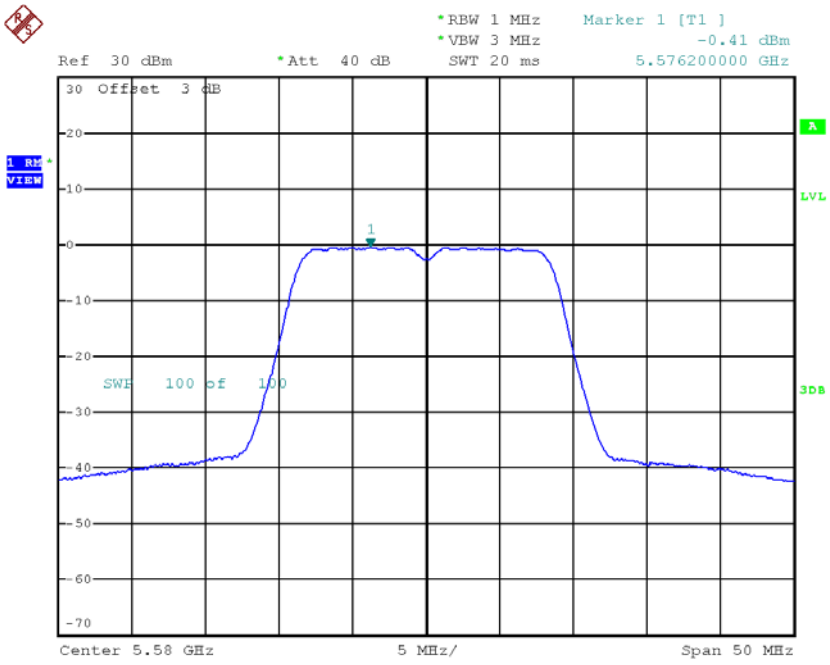
Test Mode: UNII-2C/TX AC20 Mode_CH100/CH116/CH140_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	1.23	1.06	2.29	11.00
CH116	5580	-0.41	1.06	0.65	11.00
CH140	5700	-0.74	1.06	0.32	11.00

CH100

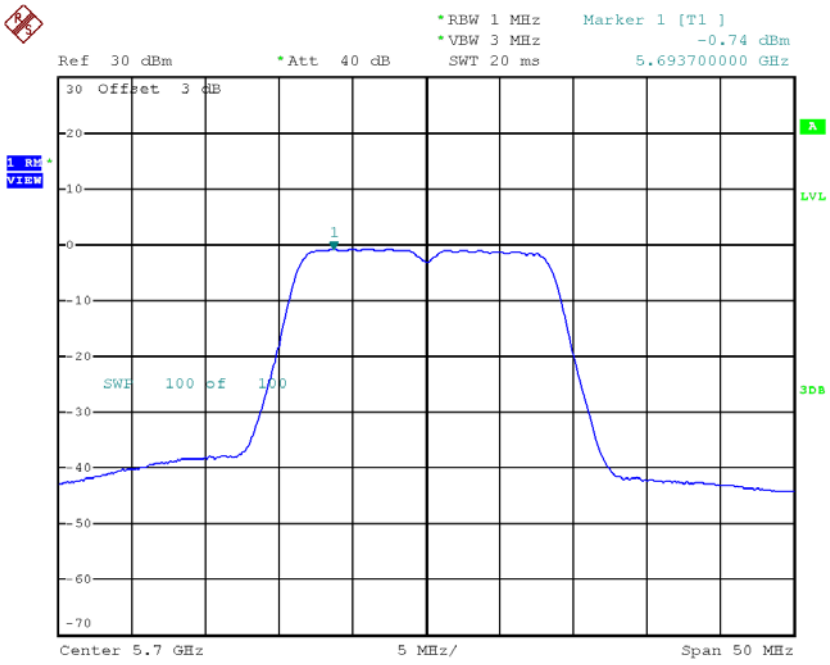


CH116



Date: 18.APR.2018 20:44:59

CH140

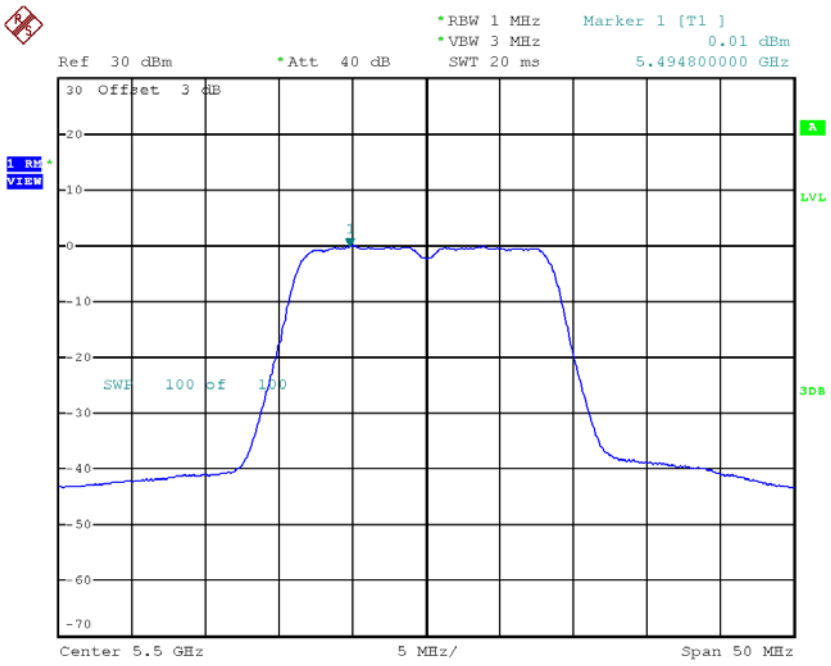


Date: 18.APR.2018 20:46:08

Test Mode: UNII-2C/TX AC20 Mode_CH100/CH116/CH140_ANT 2

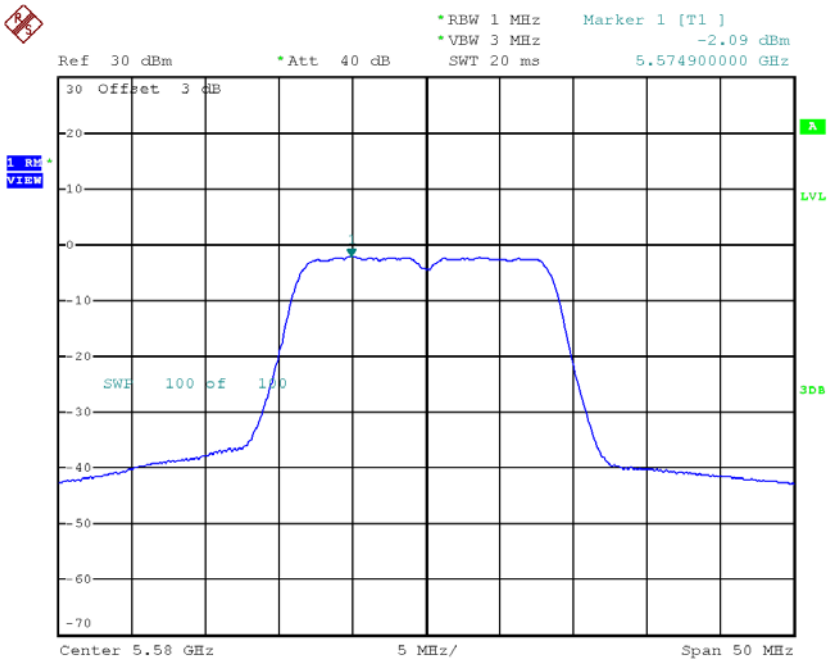
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	0.01	1.06	1.07	11.00
CH116	5580	-2.09	1.06	-1.03	11.00
CH140	5700	-1.76	1.06	-0.70	11.00

CH100



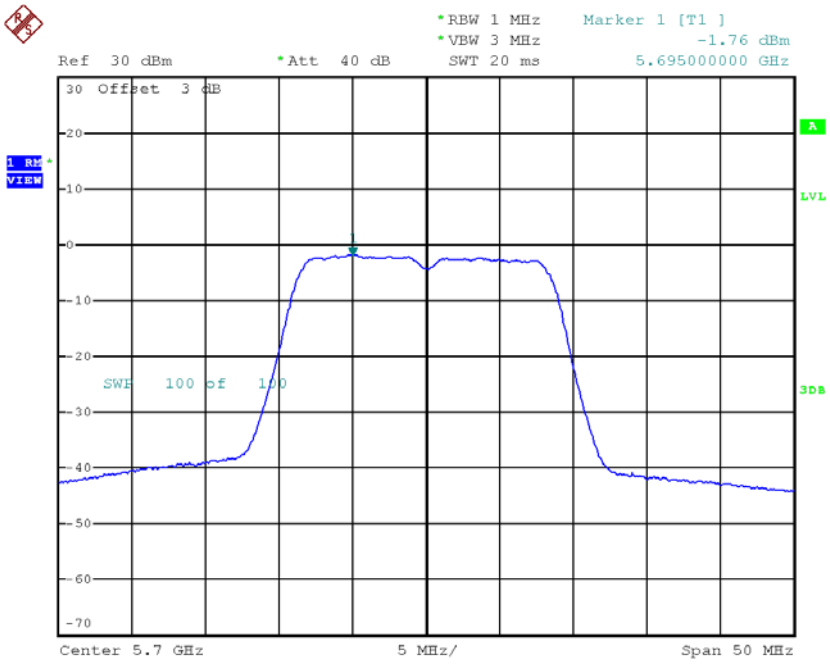
Date: 18.APR.2018 20:26:40

CH116



Date: 18.APR.2018 20:29:20

CH140



Date: 18.APR.2018 20:30:38

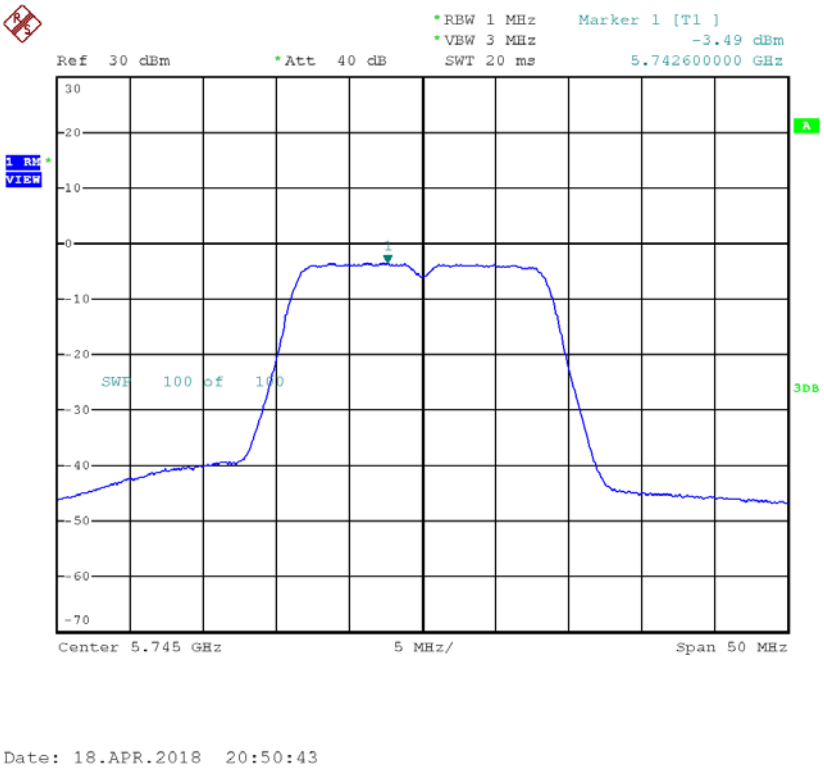
Test Mode: UNII-2C/TX AC20 Mode_CH100/CH116/CH140_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH100	5500	4.73	11.00
CH116	5580	2.90	11.00
CH140	5700	2.85	11.00

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

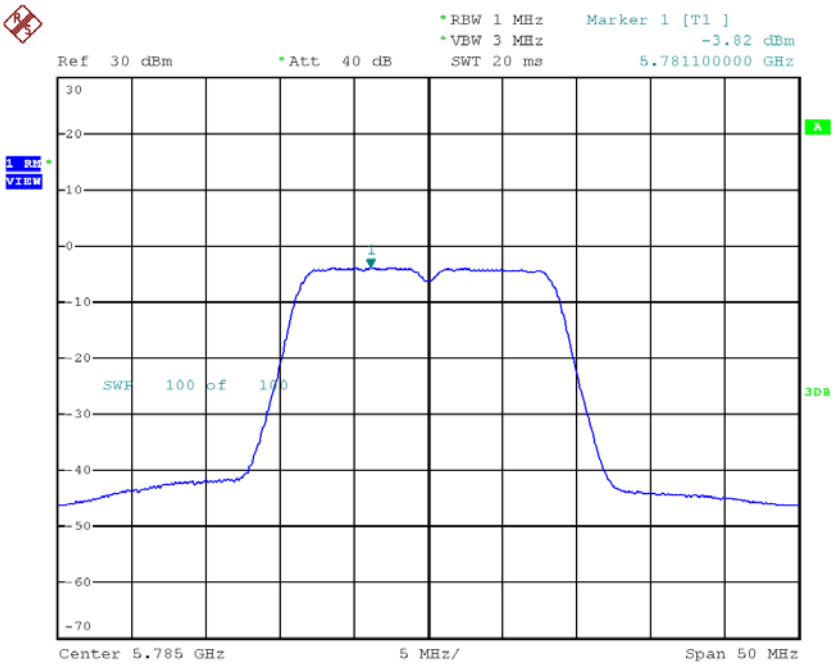
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-3.49	1.06	-2.43	30.00
CH157	5785	-3.82	1.06	-2.76	30.00
CH165	5825	-4.86	1.06	-3.80	30.00

TX CH149



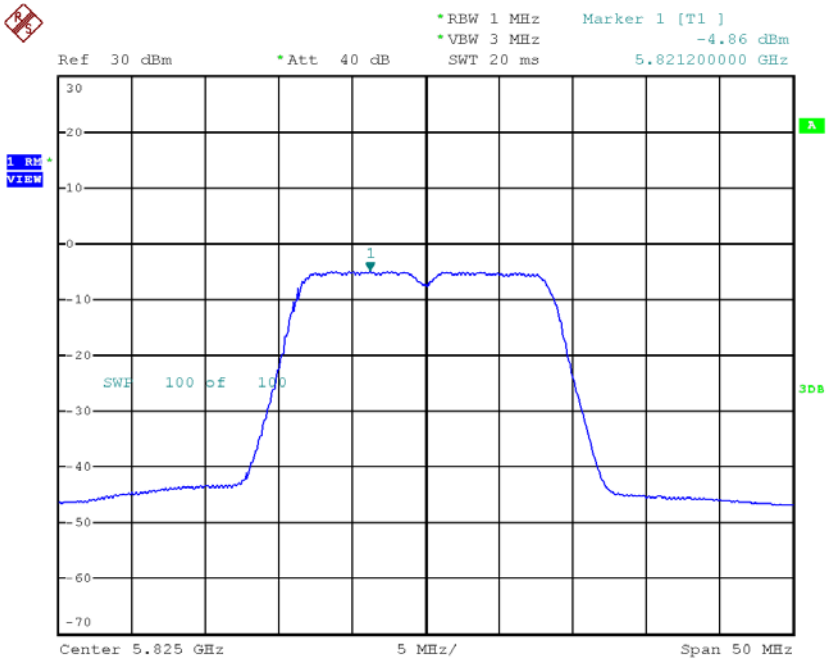
Date: 18.APR.2018 20:50:43

TX CH157



Date: 18.APR.2018 20:51:43

TX CH165

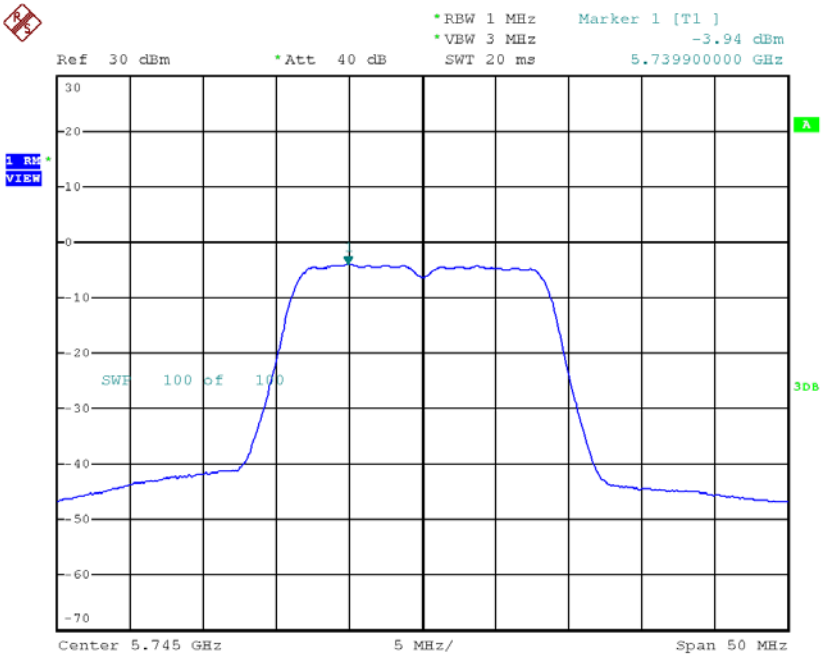


Date: 18.APR.2018 20:52:52

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

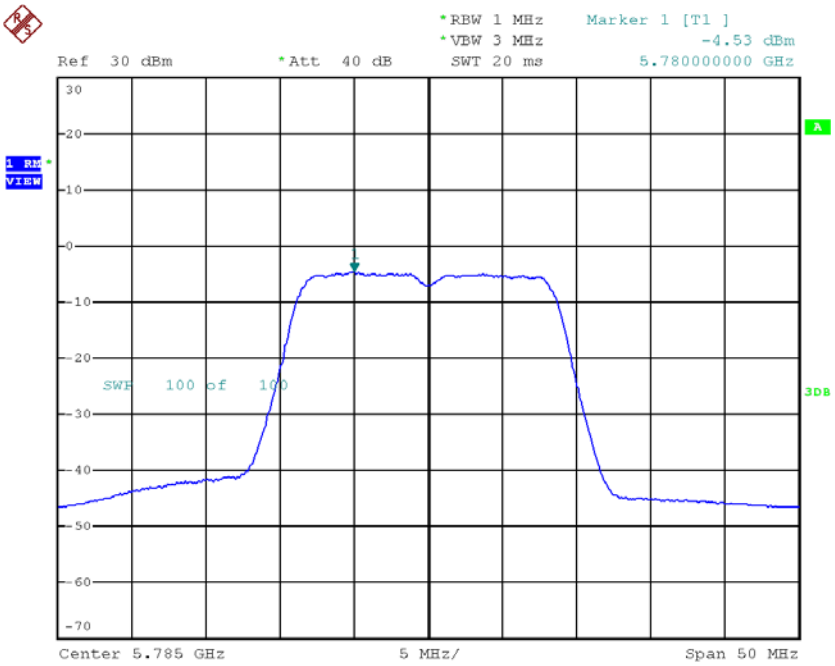
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-3.94	1.06	-2.88	30.00
CH157	5785	-4.53	1.06	-3.47	30.00
CH165	5825	-6.73	1.06	-5.67	30.00

TX CH149



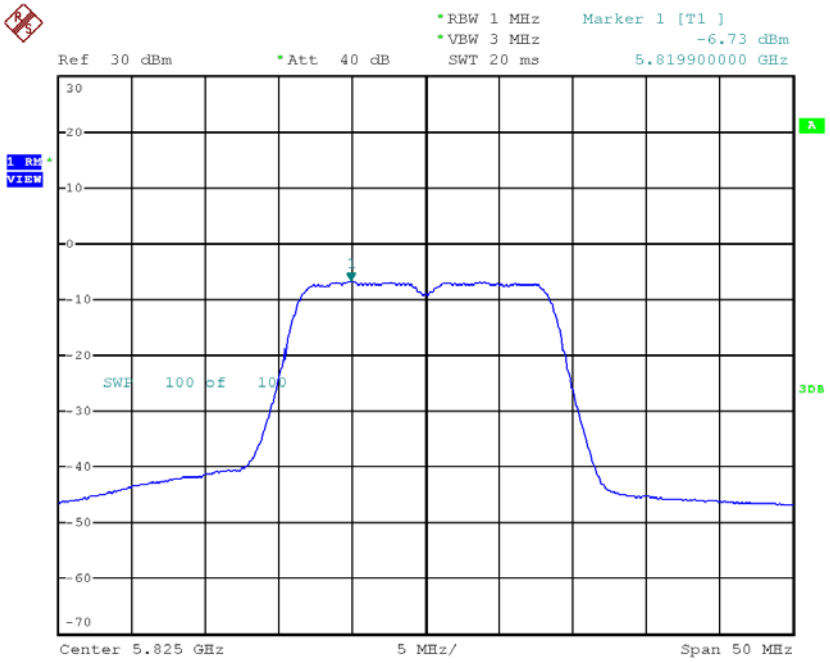
Date: 18.APR.2018 20:31:37

TX CH157



Date: 18.APR.2018 20:33:11

TX CH165



Date: 18.APR.2018 20:38:24

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

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	0.36	30.00
CH157	5785	-0.09	30.00
CH165	5825	-1.62	30.00

APPENDIX H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9750
120	5179.9800
108	5179.9750
Max. Deviation (MHz)	0.0250
Max. Deviation (ppm)	4.8263

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180.0000
-30	5179.9750
-20	5179.9750
-10	5179.9750
0	5179.9599
10	5179.9750
20	5179.9599
30	5179.9637
40	5179.9782
50	5179.9698
Max. Deviation (MHz)	0.0401
Max. Deviation (ppm)	7.7413

Test Mode:	UNII-2A

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
132	5259.9799
120	5259.9750
108	5259.9800
Max. Deviation (MHz)	0.0201
Max. Deviation (ppm)	3.8213

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5260.0000
-30	5259.9750
-20	5259.9800
-10	5259.9800
0	5259.9800
10	5259.9800
20	5259.9800
30	5259.9800
40	5259.9690
50	5259.9684
Max. Deviation (MHz)	0.0316
Max. Deviation (ppm)	6.0076

Test Mode:	UNII-2C

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
132	5499.9750
120	5499.9750
108	5499.9750
Max. Deviation (MHz)	0.0250
Max. Deviation (ppm)	4.5455

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5500.0000
-30	5499.9599
-20	5499.9599
-10	5499.9600
0	5499.9750
10	5499.9750
20	5499.9750
30	5499.9600
40	5499.9685
50	5499.9600
Max. Deviation (MHz)	0.0401
Max. Deviation (ppm)	7.2909

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9800
120	5744.9599
108	5744.9599
Max. Deviation (MHz)	0.0401
Max. Deviation (ppm)	6.9800

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5745.0000
-30	5744.9599
-20	5744.9599
-10	5744.9600
0	5744.9599
10	5744.9750
20	5744.9550
30	5744.9399
40	5744.9462
50	5744.9580
Max. Deviation (MHz)	0.0601
Max. Deviation (ppm)	10.4613