

TX N20 Mode_DUTY CYCLE

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

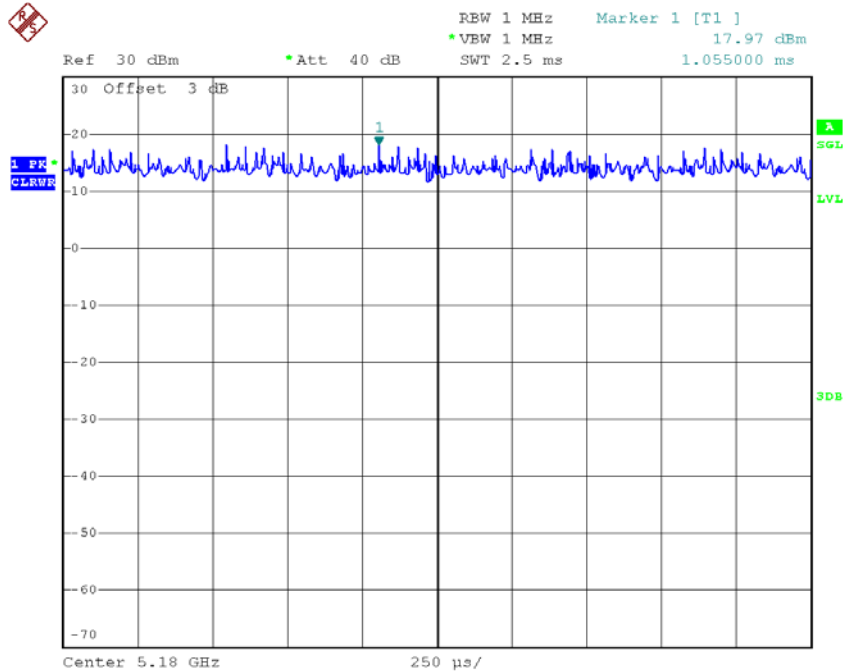
T_{ON} : 2.500 msec

T_{Total} : 2.500 msec

Duty cycle: 100%

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

Duty Factor = 0.00



Date: 26.SEP.2018 15:29:31

Note: The duty cycle is $\geq 98\%$ no need to calculate as Duty Factor.

TX N40 Mode_DUTY CYCLE

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

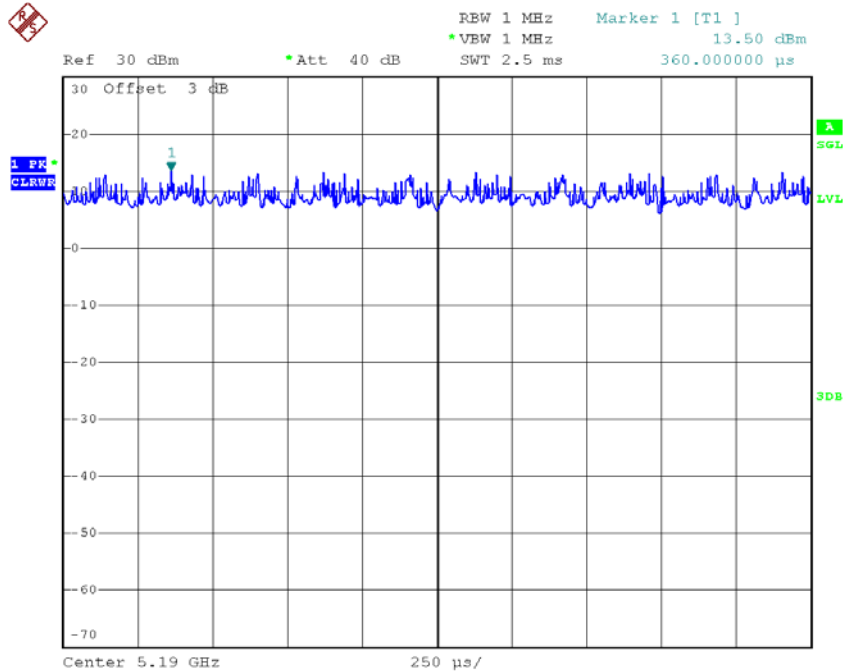
T_{ON} : 2.500 msec

T_{Total} : 2.500 msec

Duty cycle: 100%

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

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



Date: 26.SEP.2018 15:30:26

Note: The duty cycle is $\geq 98\%$ no need to calculate as Duty Factor.

TX AC20 Mode_DUTY CYCLE

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

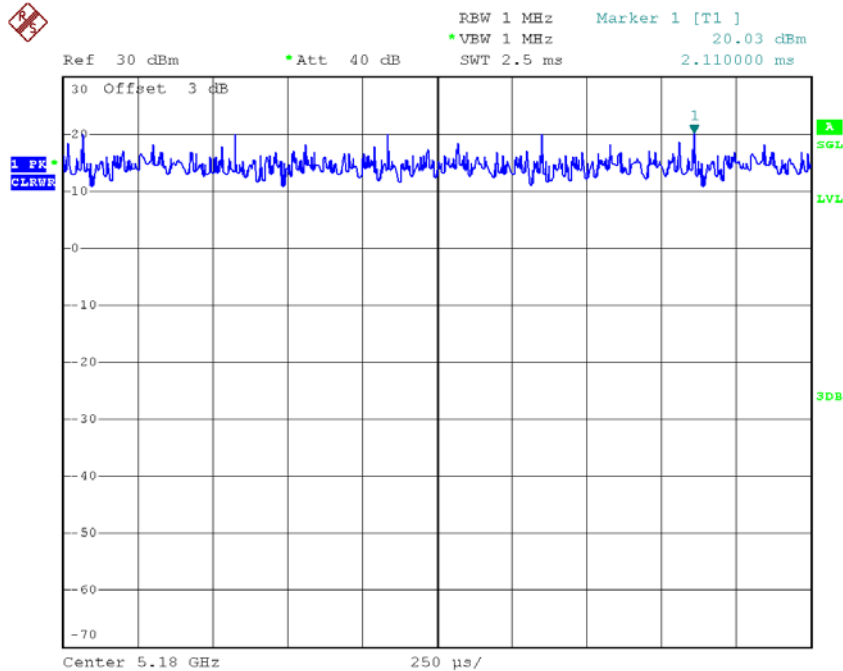
T_{ON} : 2.500 msec

T_{Total} : 2.500 msec

Duty cycle: 100%

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

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



Date: 26.SEP.2018 15:29:55

Note: The duty cycle is $\geq 98\%$ no need to calculate as Duty Factor.

TX AC40 Mode_DUTY CYCLE

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

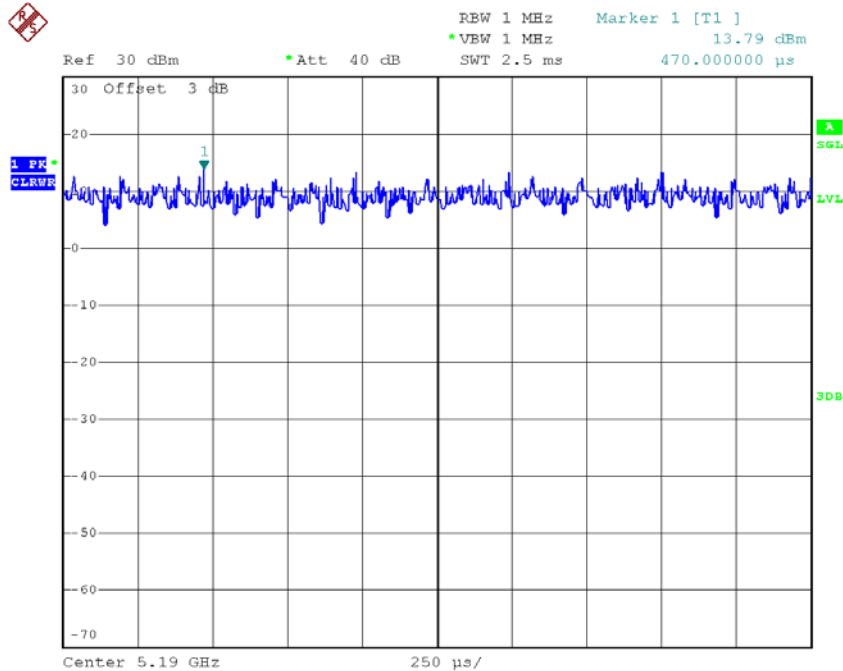
T_{ON} : 2.500 msec

T_{Total} : 2.500 msec

Duty cycle: 100%

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

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



Date: 26.SEP.2018 15:30:37

Note: The duty cycle is $\geq 98\%$ no need to calculate as Duty Factor.

TX AC80 Mode_DUTY CYCLE

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

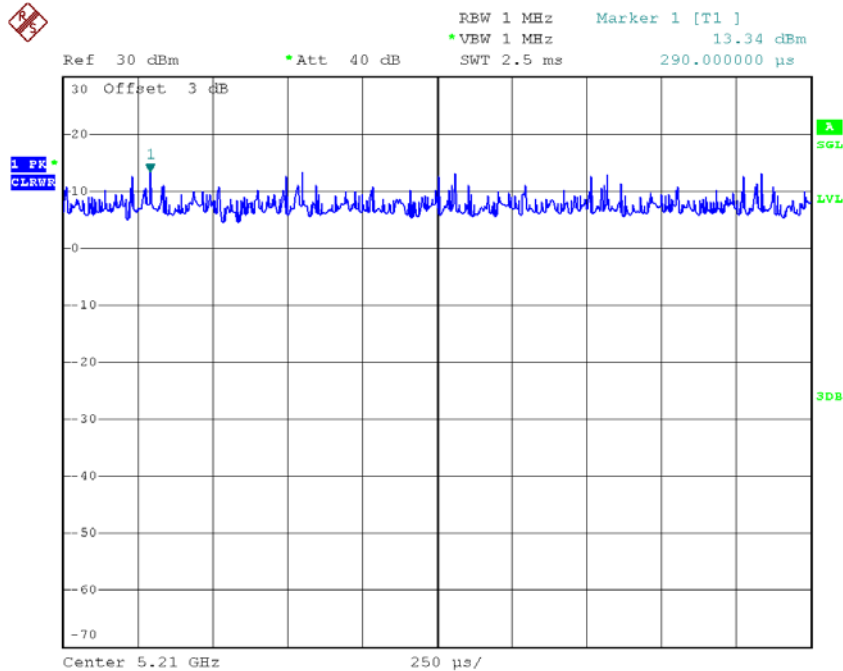
T_{ON} : 2.500 msec

T_{Total} : 2.500 msec

Duty cycle: 100%

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

Duty Factor = 0.00



Date: 26.SEP.2018 15:31:12

Note: The duty cycle is $\geq 98\%$ no need to calculate as Duty Factor.

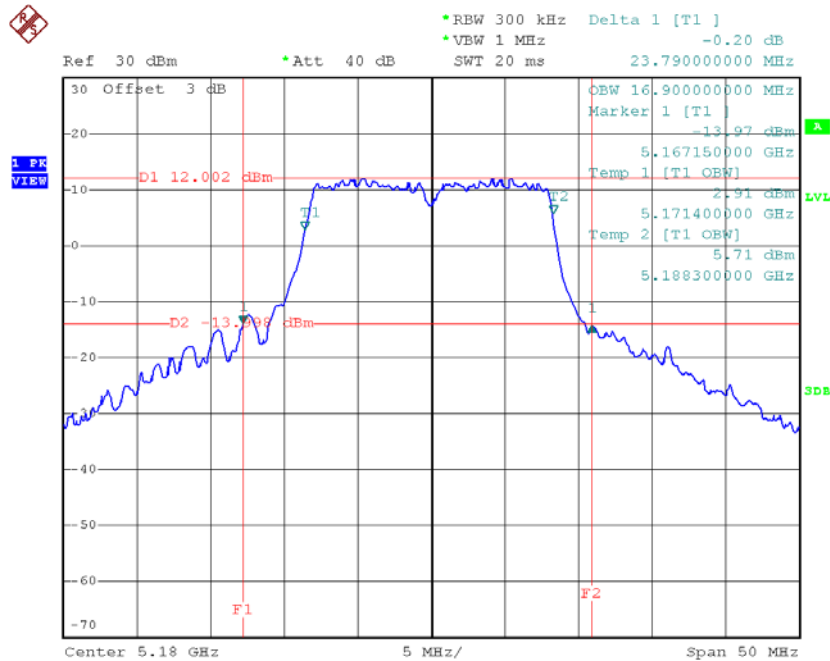
APPENDIX E - BANDWIDTH

Non-Beamforming

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

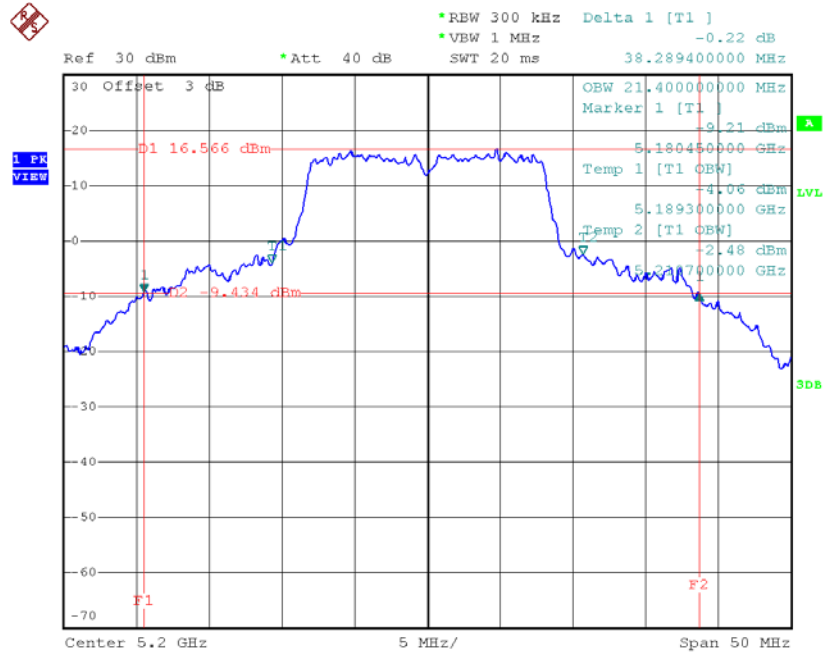
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	23.79	16.90
CH40	5200	38.29	21.40
CH48	5240	43.55	31.00

TX CH36



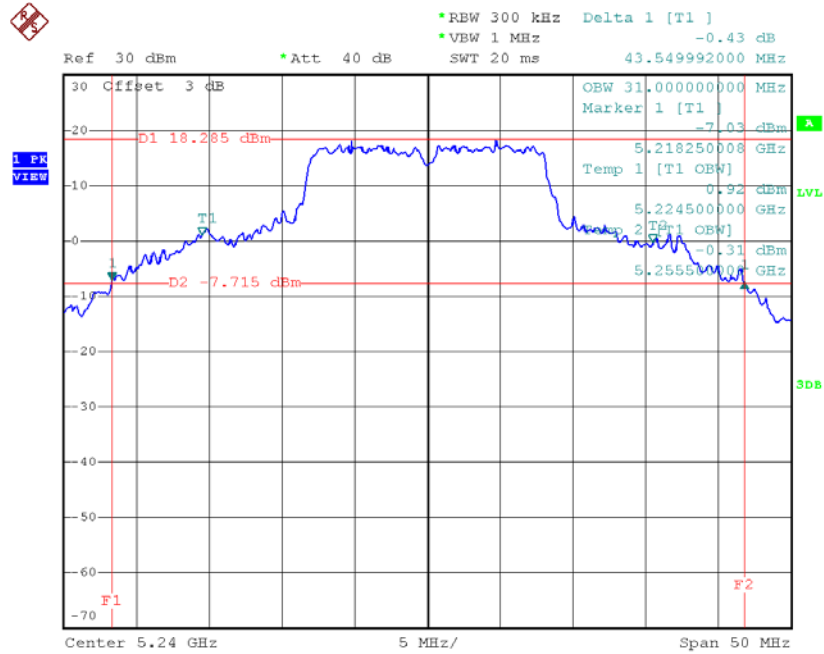
Date: 11.OCT.2018 17:29:21

TX CH40



Date: 11.OCT.2018 17:30:43

TX CH48

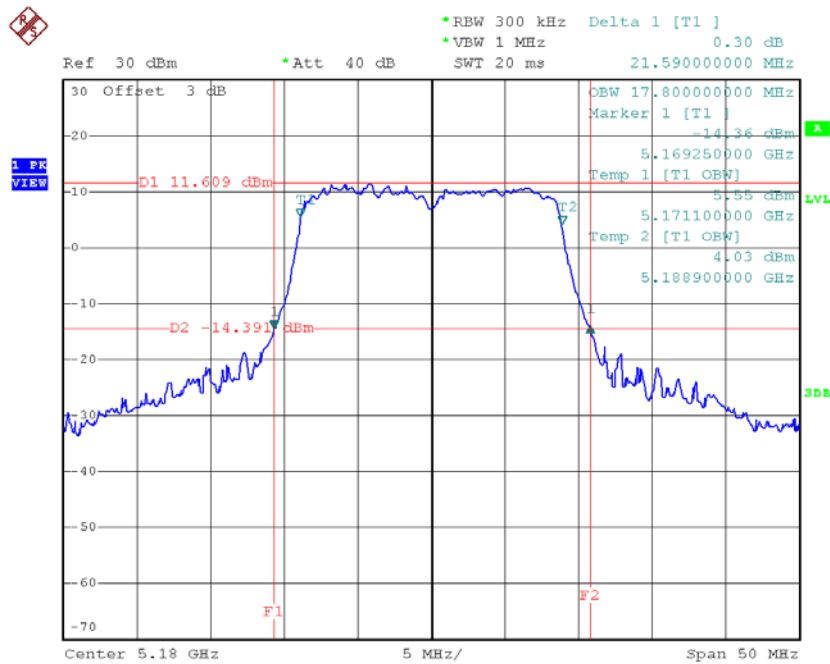


Date: 11.OCT.2018 17:31:35

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

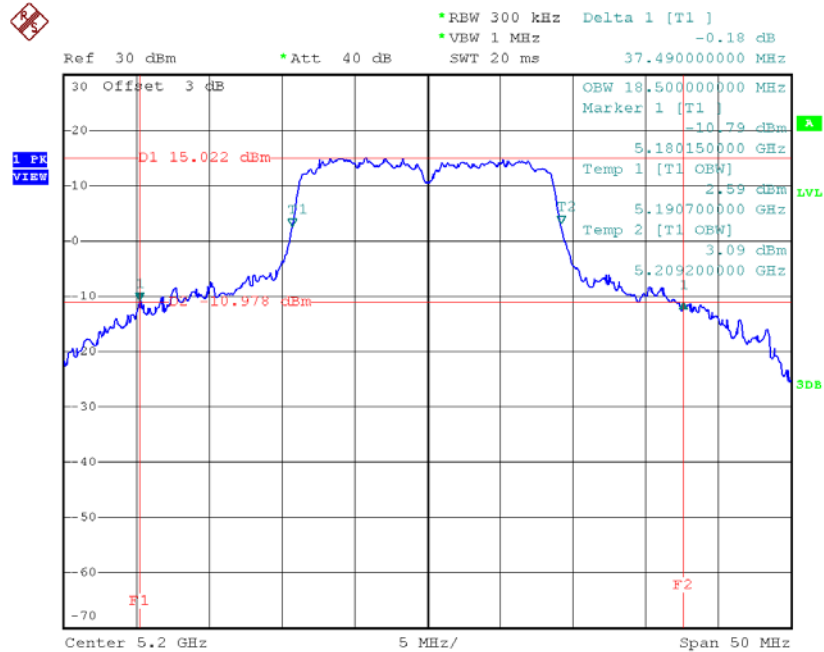
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.59	17.80
CH40	5200	37.49	18.50
CH48	5240	42.35	23.30

TX CH36



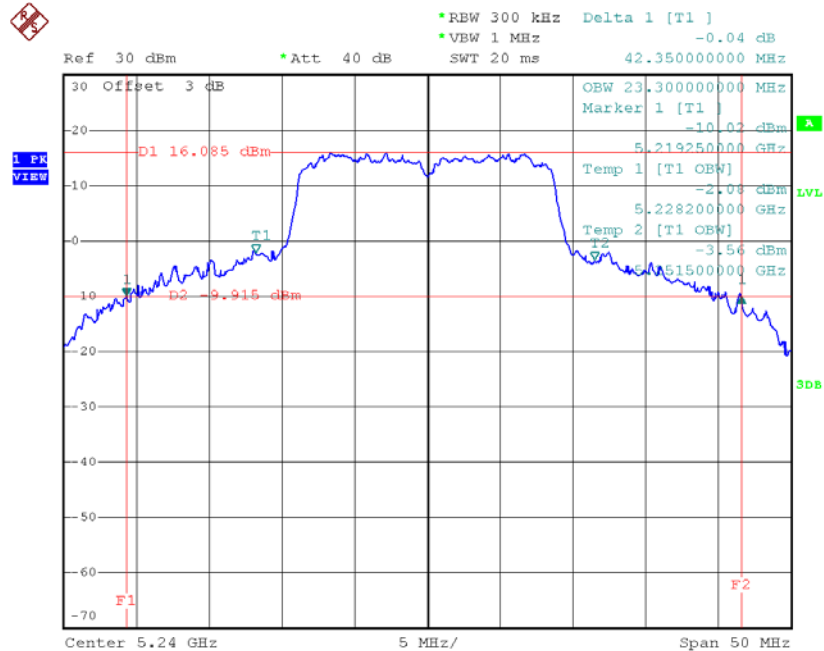
Date: 11.OCT.2018 18:58:27

TX CH40



Date: 11.OCT.2018 18:59:27

TX CH48

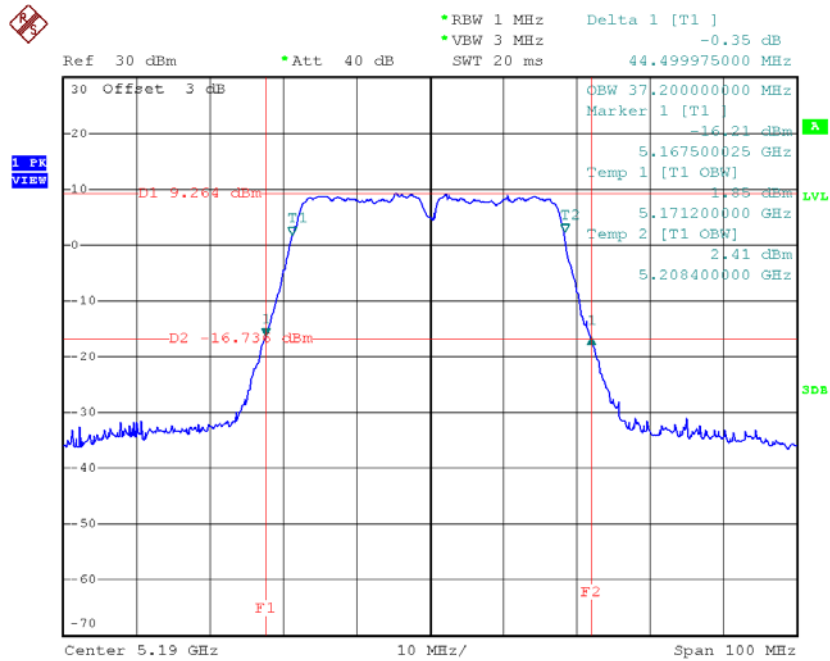


Date: 11.OCT.2018 19:00:24

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

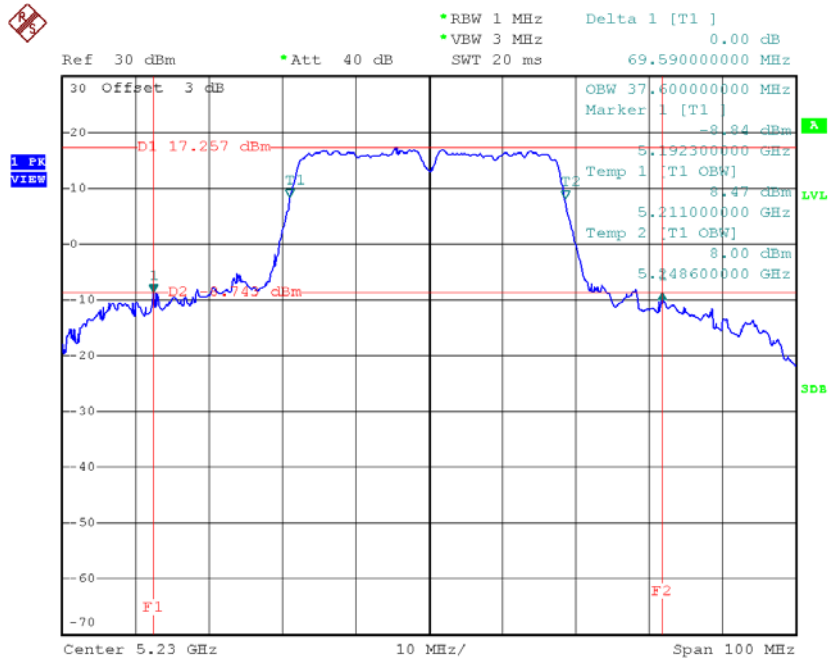
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.50	37.20
CH46	5230	69.59	37.60

TX CH38



Date: 11.OCT.2018 19:13:13

TX CH46

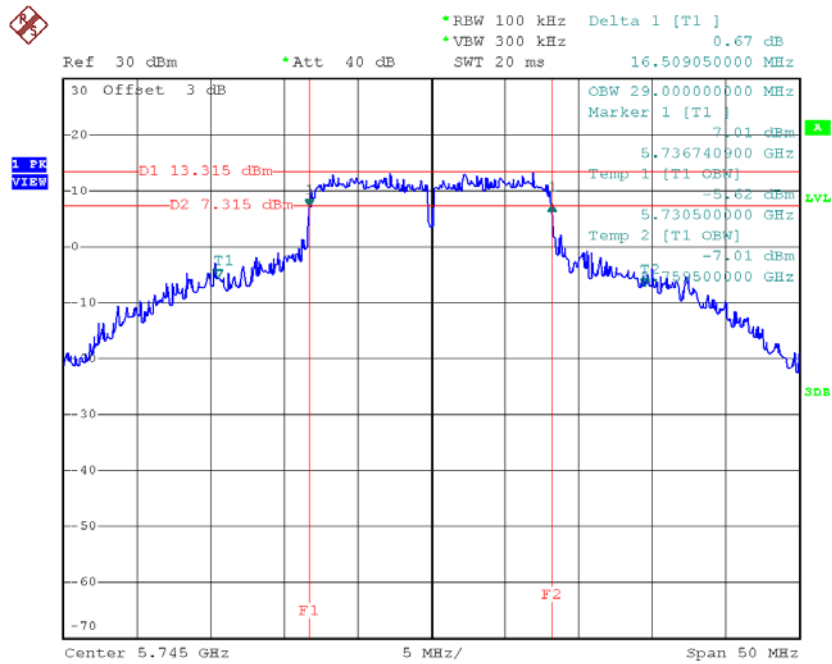


Date: 11.OCT.2018 19:14:16

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

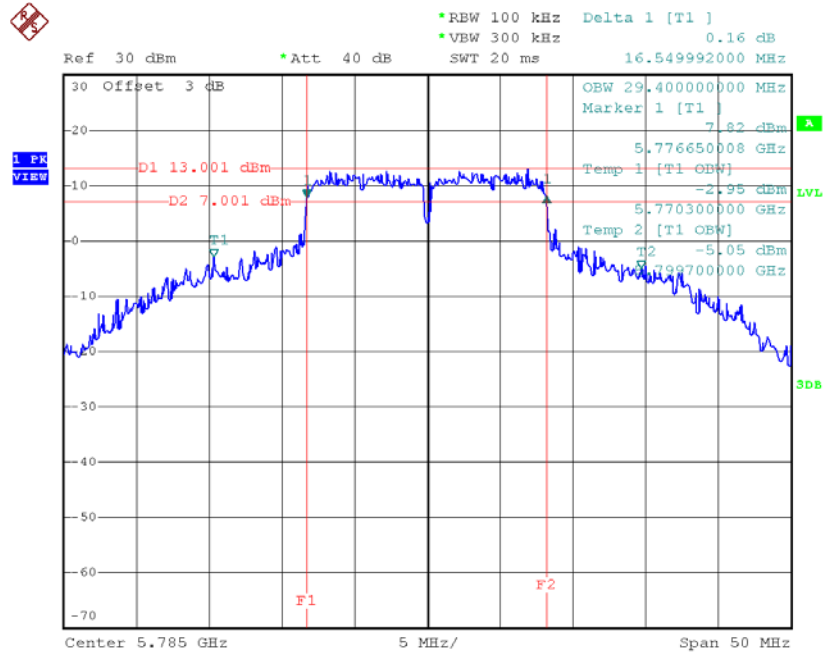
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.51	29.00	>=500
CH157	5785	16.55	29.40	>=500
CH165	5825	16.55	30.20	>=500

TX CH 149



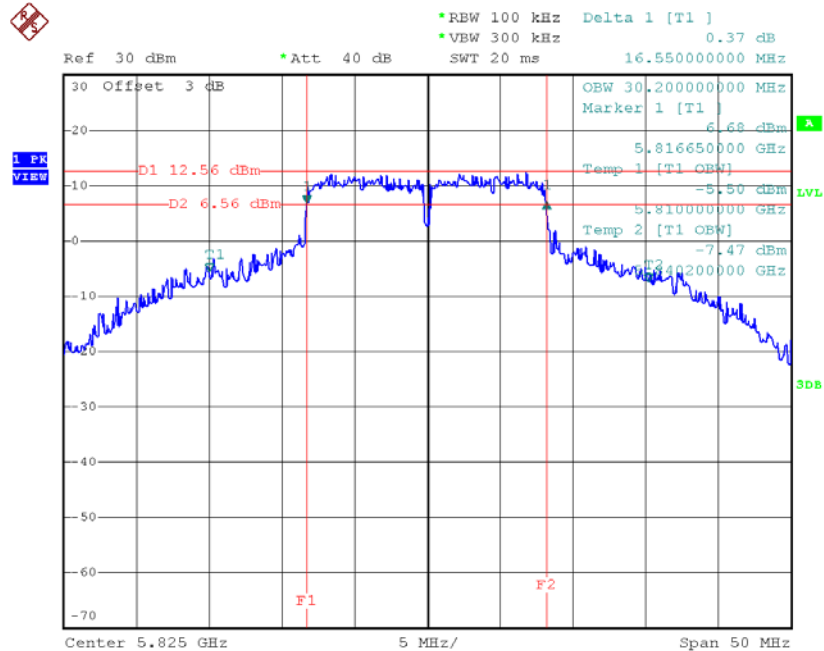
Date: 11.OCT.2018 17:32:47

TX CH 157



Date: 11.OCT.2018 17:34:07

TX CH 165

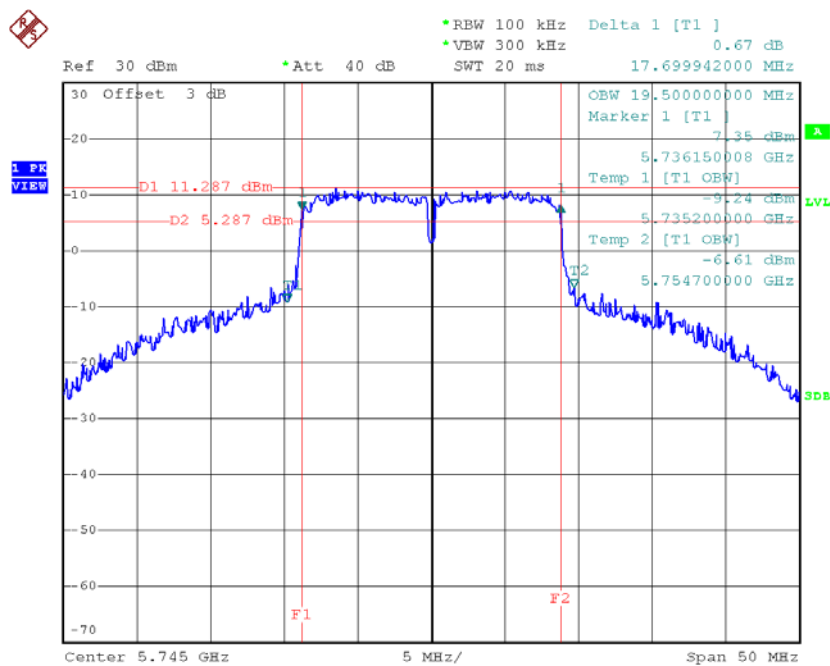


Date: 11.OCT.2018 17:35:05

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

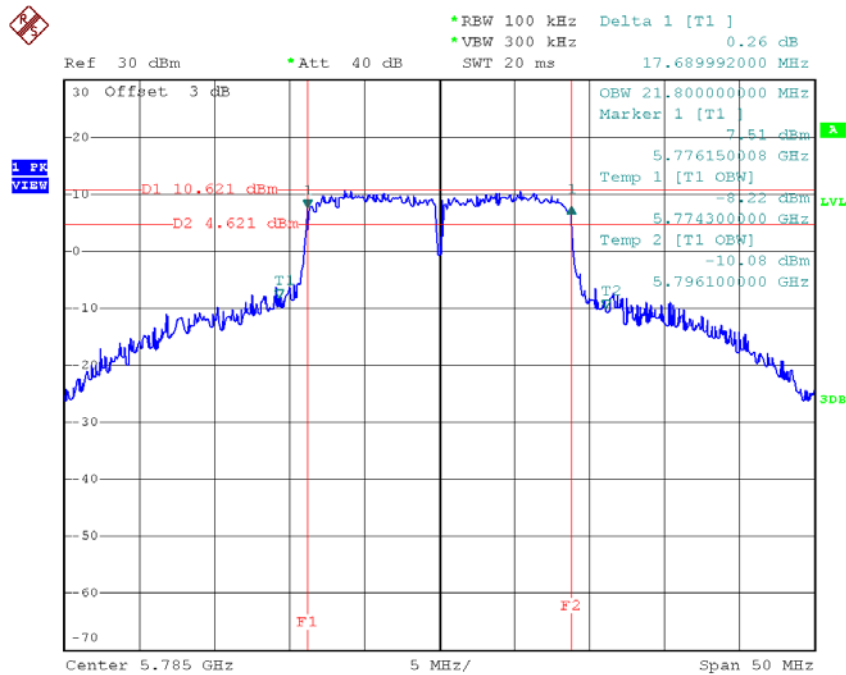
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.70	19.50	>=500
CH157	5785	17.69	21.80	>=500
CH165	5825	17.85	24.10	>=500

TX CH 149



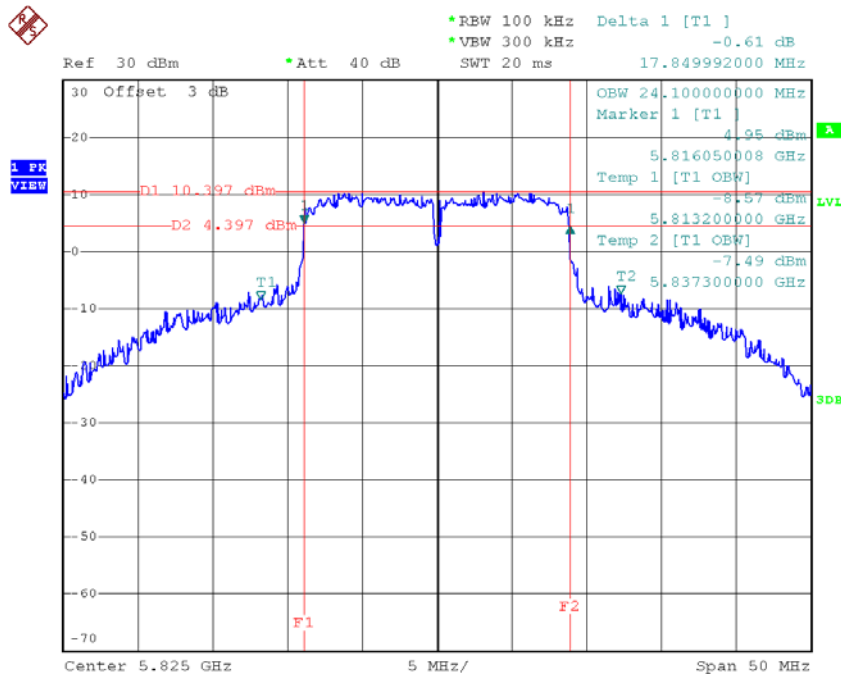
Date: 11.OCT.2018 19:01:45

TX CH 157



Date: 11.OCT.2018 19:02:55

TX CH 165

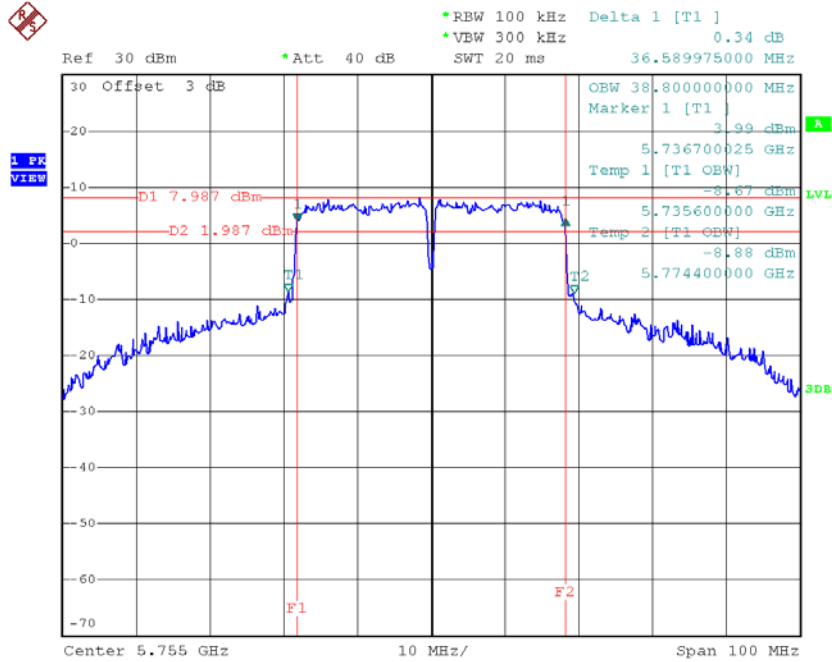


Date: 11.OCT.2018 19:03:54

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

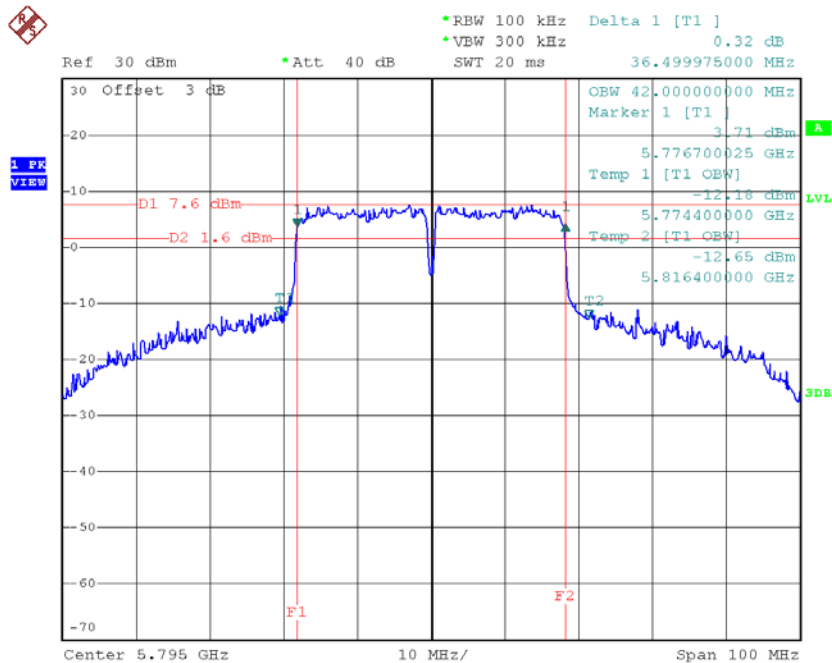
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.59	38.80	≥ 500
CH159	5795	36.50	42.00	≥ 500

TX CH 151



Date: 11.OCT.2018 19:15:33

TX CH 159

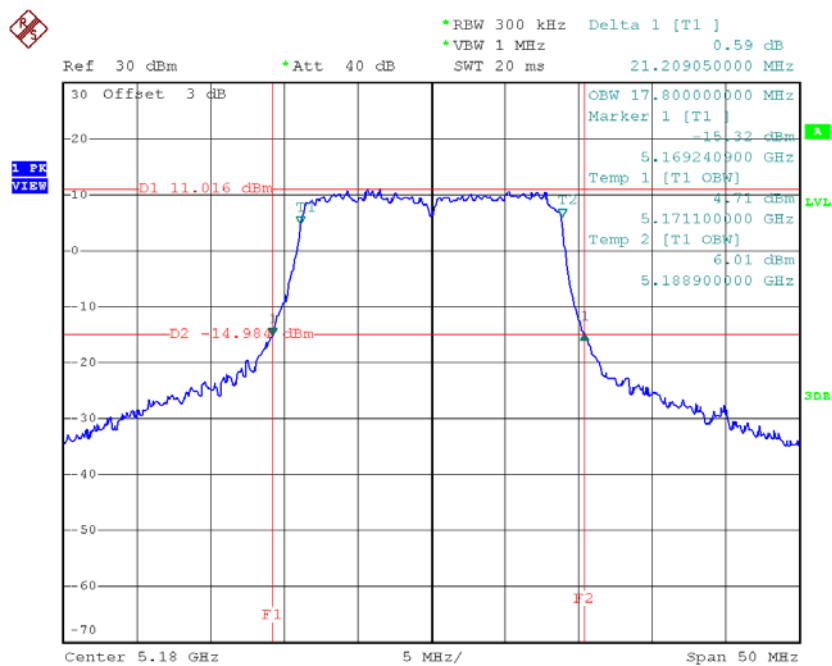


Date: 11.OCT.2018 19:16:39

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

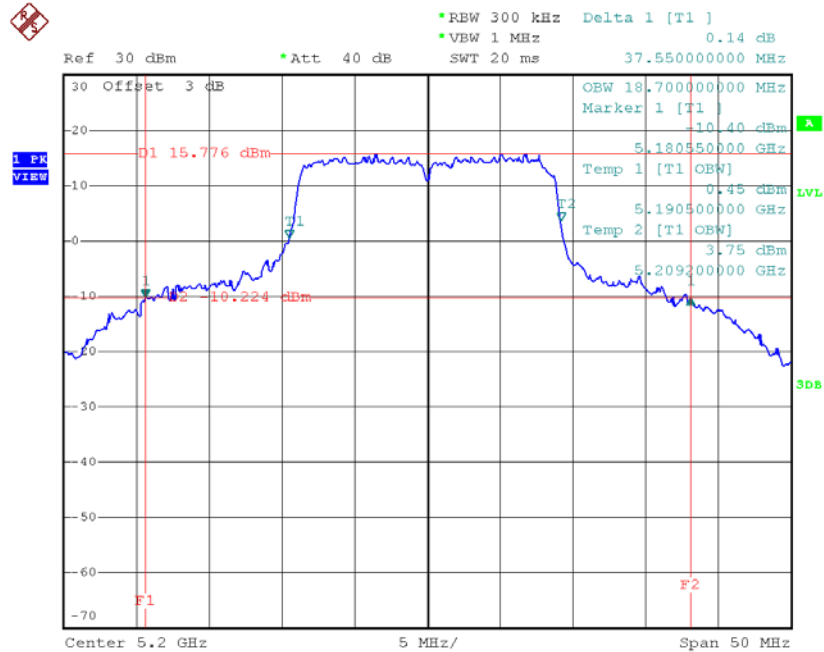
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.21	17.80
CH40	5200	37.55	18.70
CH48	5240	40.59	21.30

TX CH36



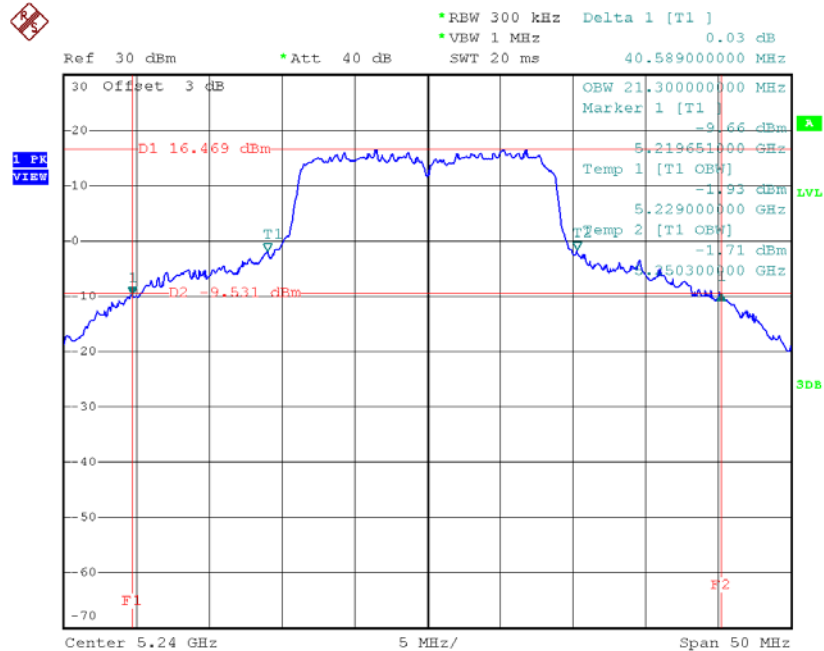
Date: 11.OCT.2018 19:05:10

TX CH40



Date: 11.OCT.2018 19:07:11

TX CH48

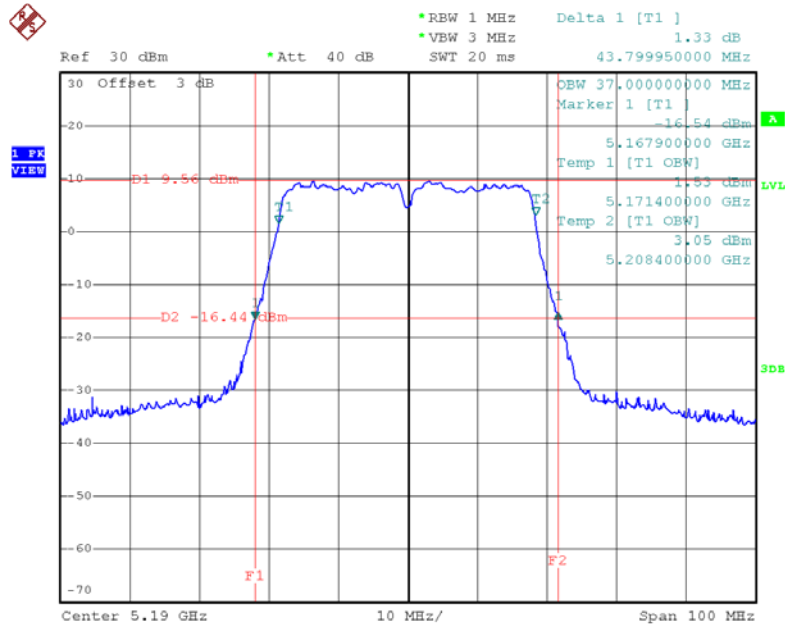


Date: 11.OCT.2018 19:08:10

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

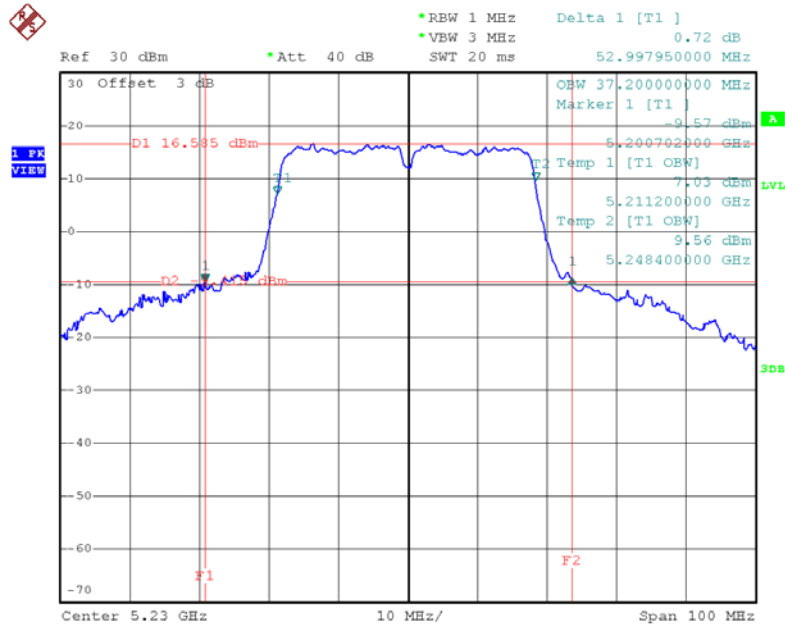
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.80	37.00
CH46	5230	53.00	37.20

TX CH38



Date: 11.OCT.2018 19:17:58

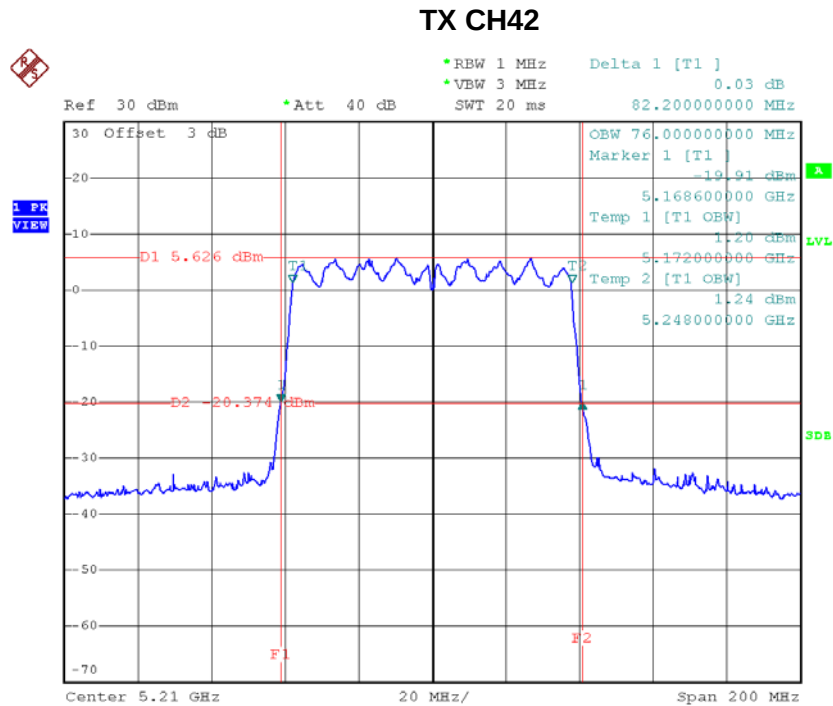
TX CH46



Date: 11.OCT.2018 19:19:23

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	82.20	76.00

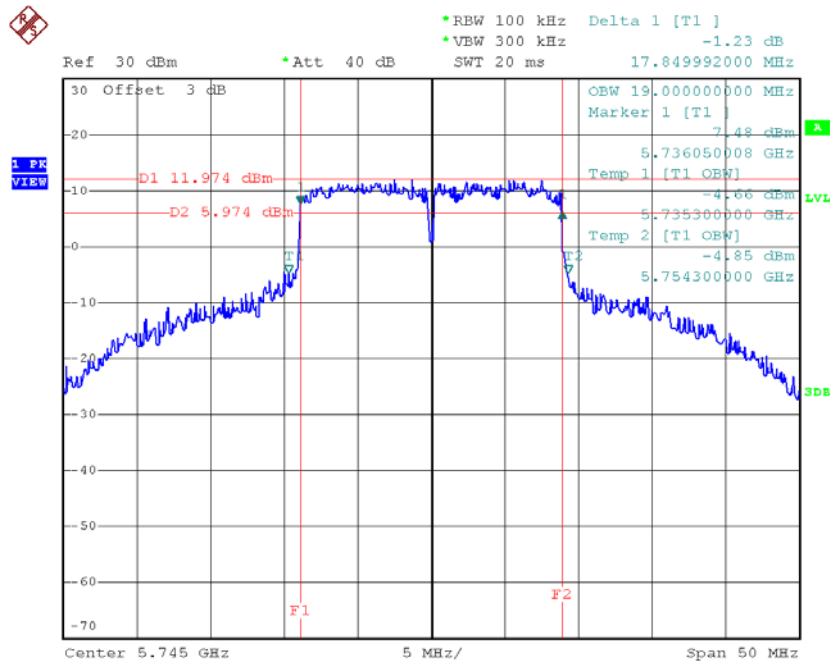


Date: 11.OCT.2018 19:27:03

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

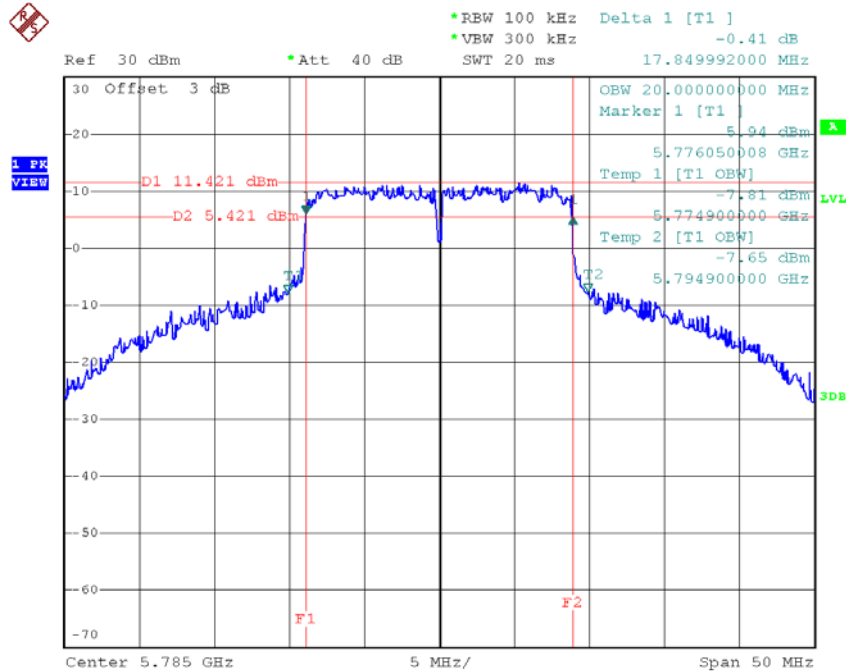
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.85	19.00	>=500
CH157	5785	17.85	20.00	>=500
CH165	5825	17.85	21.80	>=500

TX CH 149



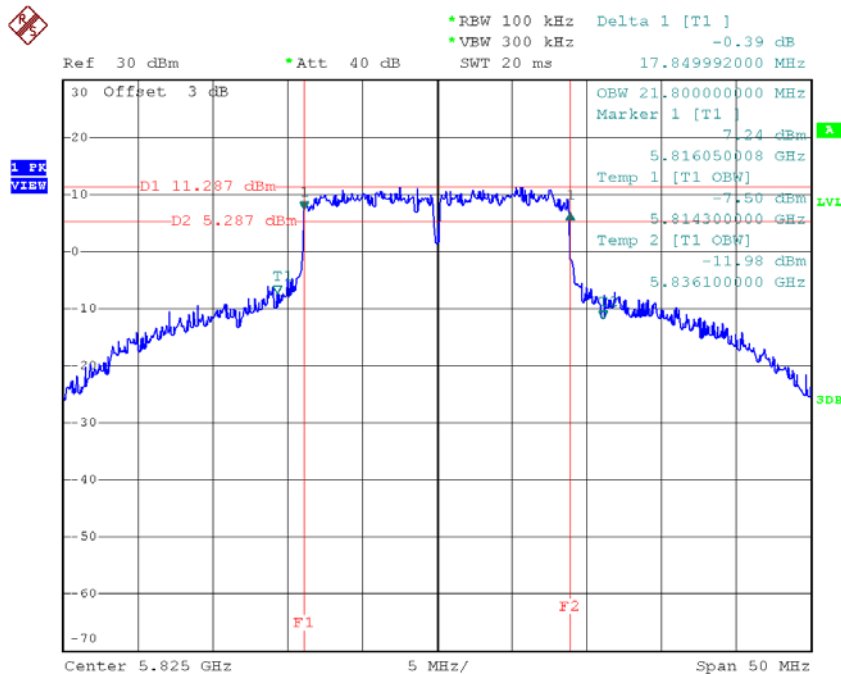
Date: 11.OCT.2018 19:09:41

TX CH 157



Date: 11.OCT.2018 19:10:47

TX CH 165

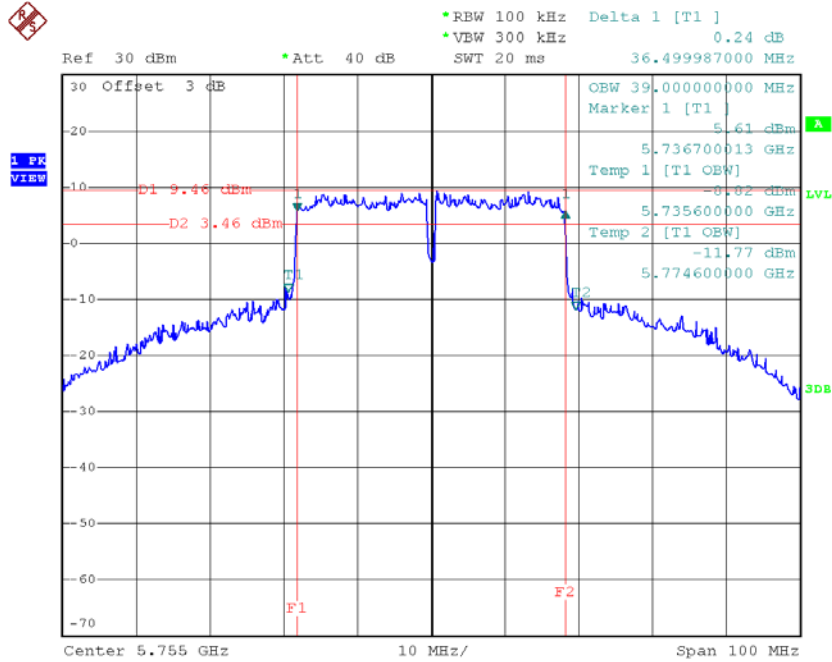


Date: 11.OCT.2018 19:11:48

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

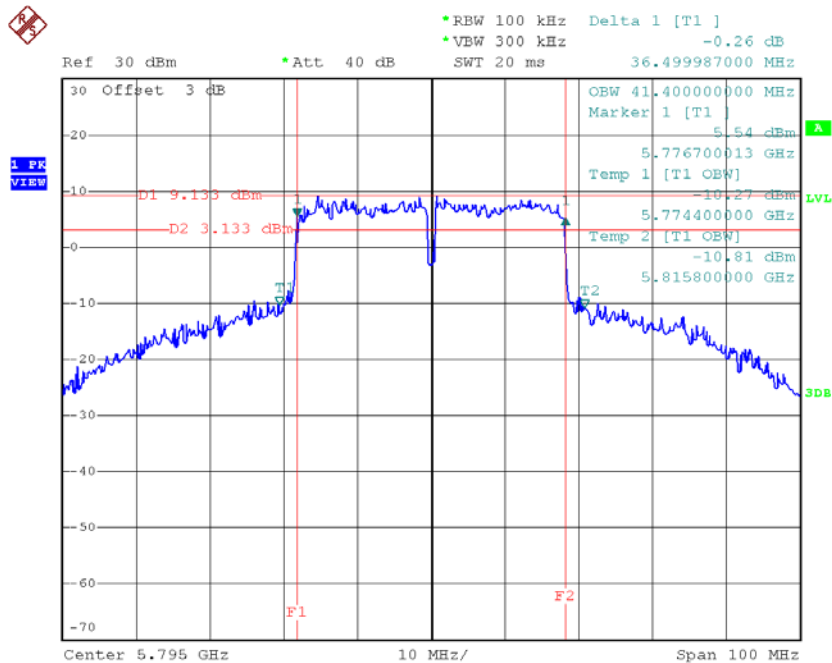
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	39.00	>=500
CH159	5795	36.50	41.40	>=500

TX CH 151



Date: 11.OCT.2018 19:20:54

TX CH 159

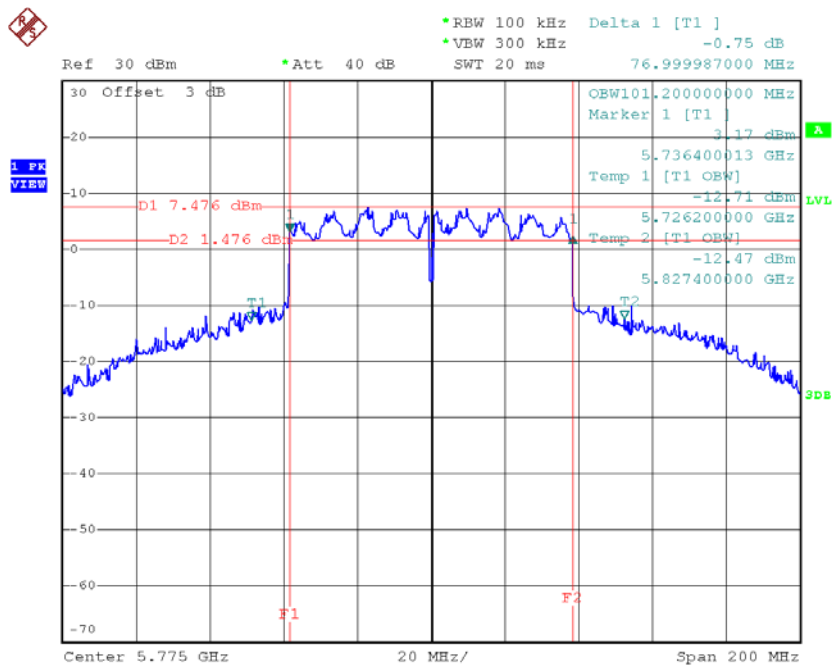


Date: 11.OCT.2018 19:22:04

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	77.00	101.20	>=500

TX CH 155



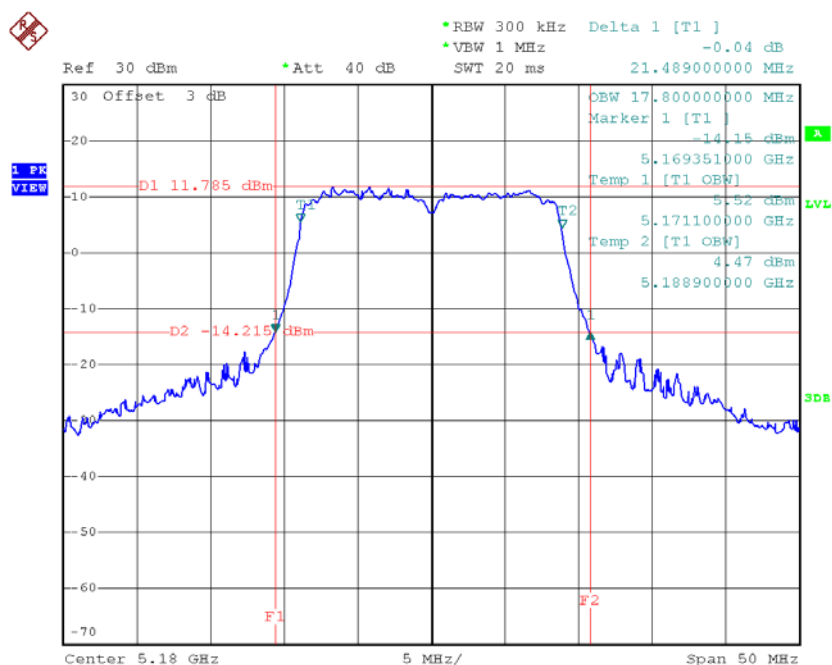
Date: 11.OCT.2018 19:25:19

Beamforming

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

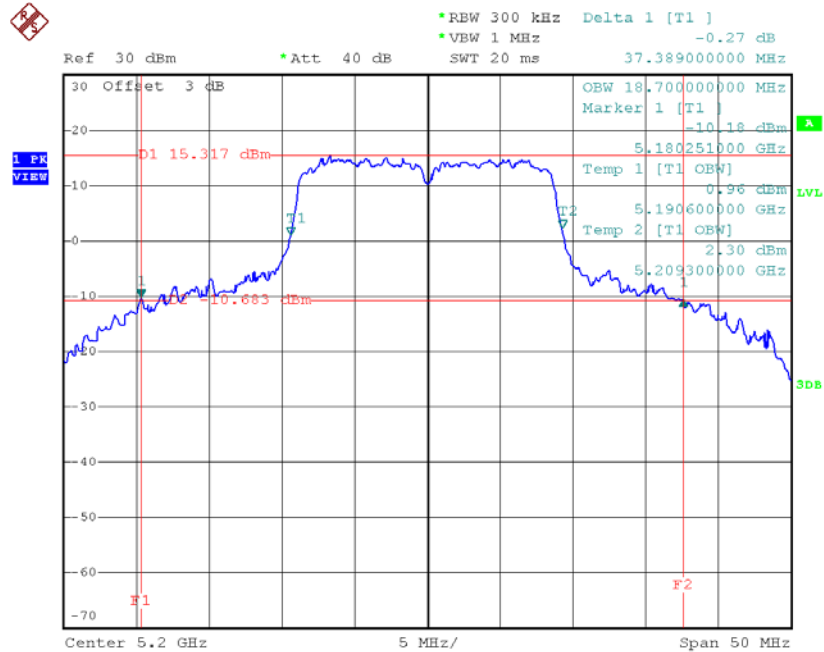
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.49	17.80
CH40	5200	37.39	18.70
CH48	5240	42.48	24.40

TX CH36



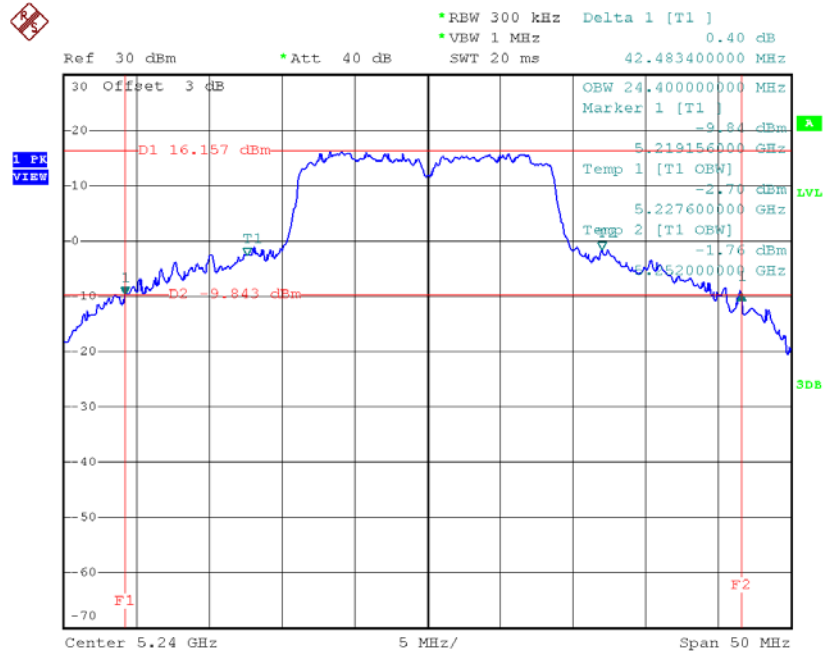
Date: 11.OCT.2018 19:32:30

TX CH40



Date: 11.OCT.2018 19:33:38

TX CH48

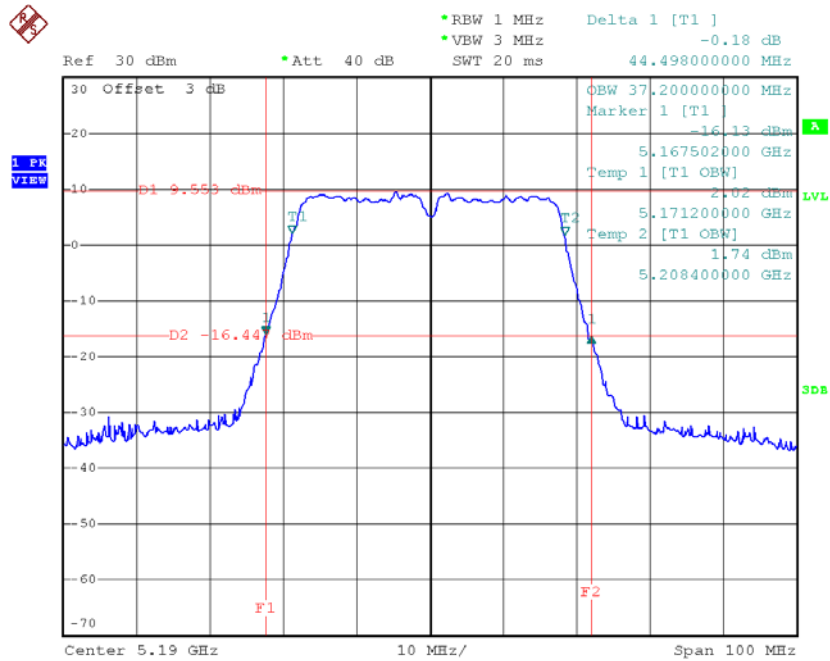


Date: 11.OCT.2018 19:34:31

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

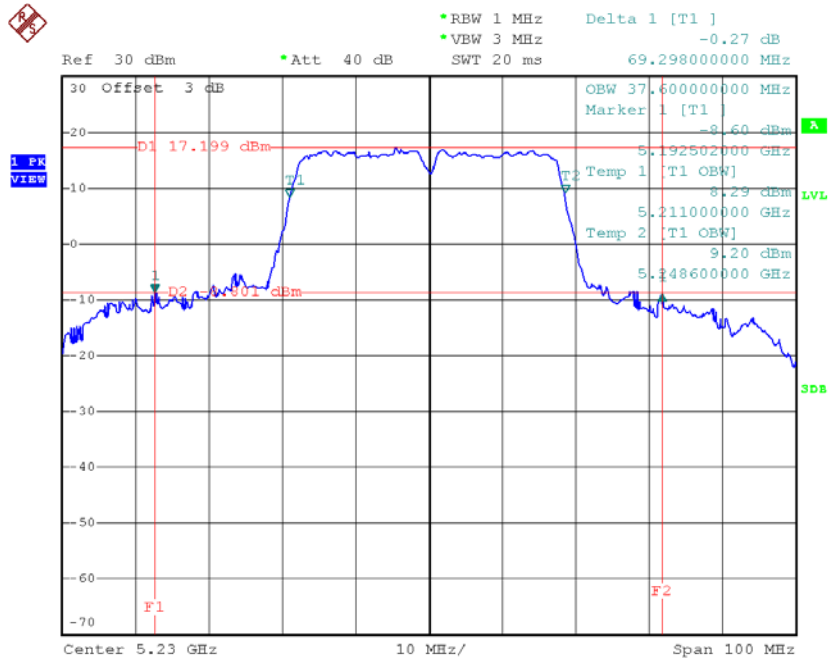
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.50	37.20
CH46	5230	69.30	37.60

TX CH38



Date: 11.OCT.2018 19:46:14

TX CH46

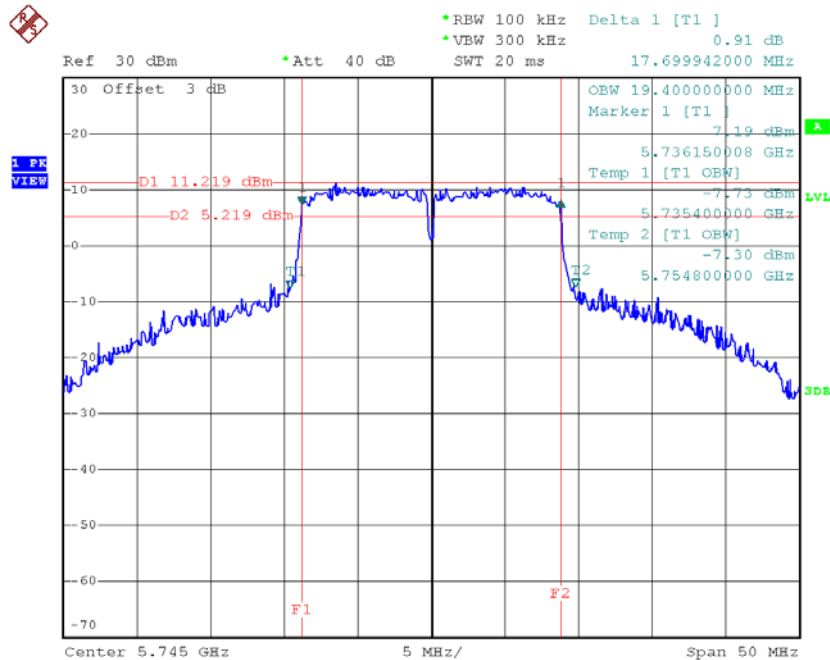


Date: 11.OCT.2018 19:47:29

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

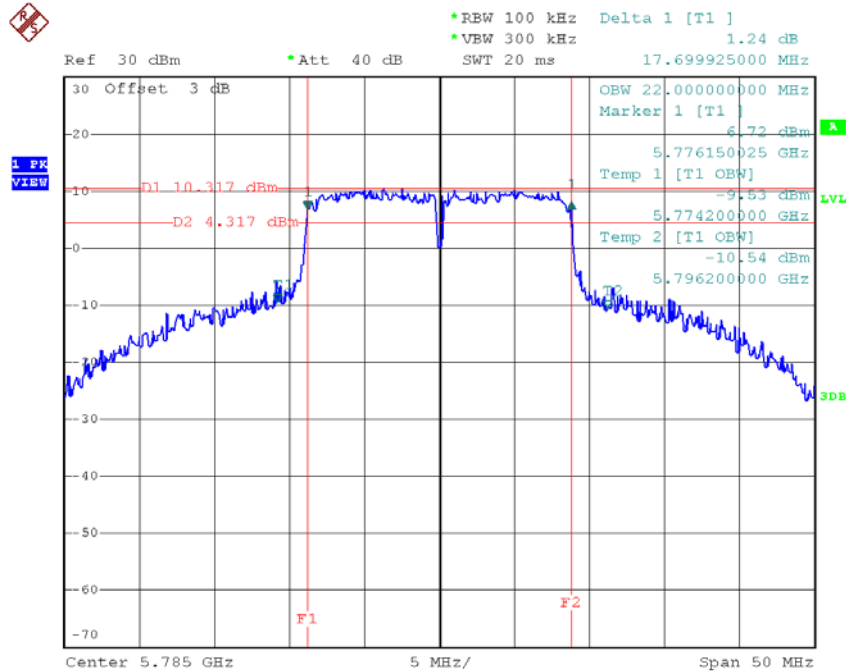
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.70	19.40	>=500
CH157	5785	17.70	22.00	>=500
CH165	5825	17.85	24.10	>=500

TX CH 149



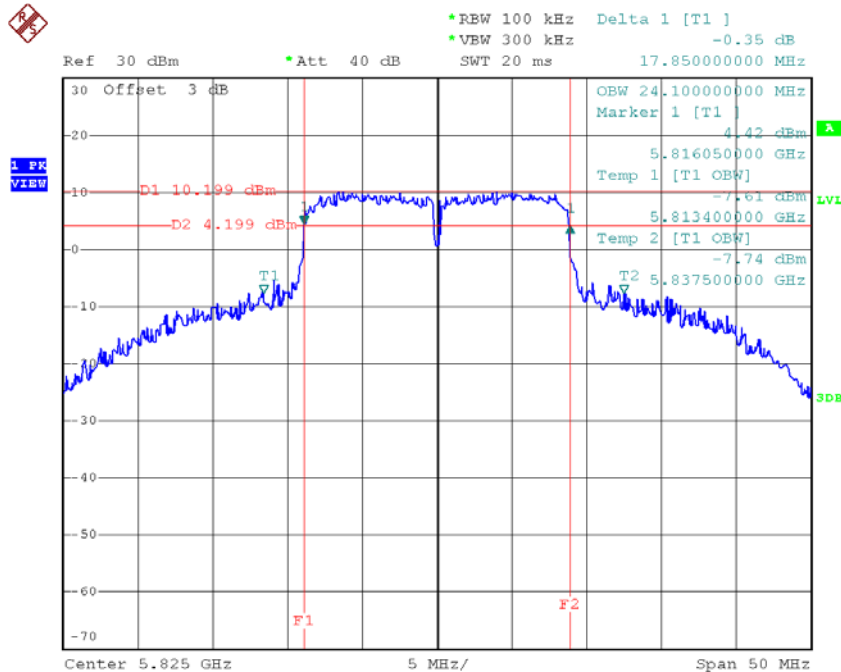
Date: 11.OCT.2018 19:35:39

TX CH 157



Date: 11.OCT.2018 19:36:51

TX CH 165

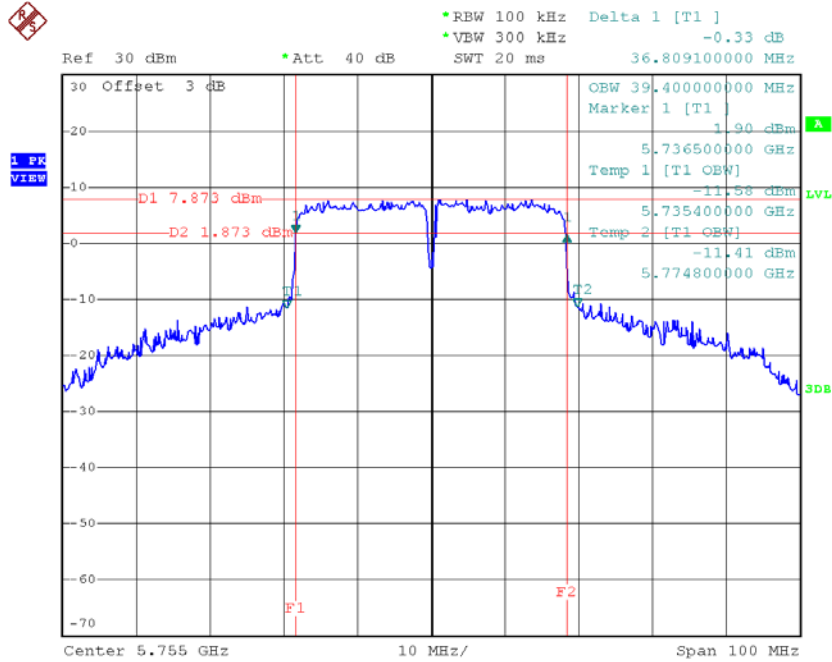


Date: 11.OCT.2018 19:38:08

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

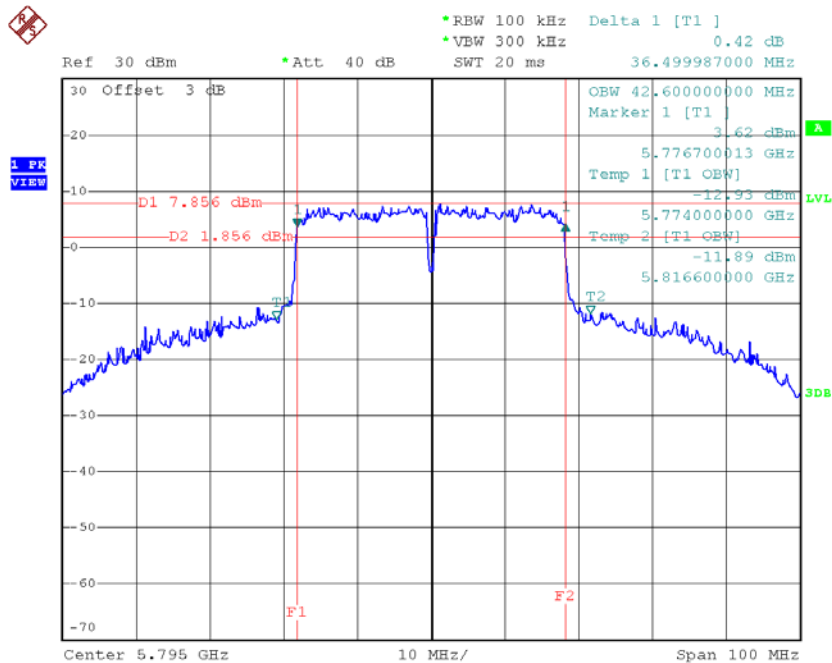
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.81	39.40	>=500
CH159	5795	36.50	42.60	>=500

TX CH 151



Date: 11.OCT.2018 19:48:45

TX CH 159

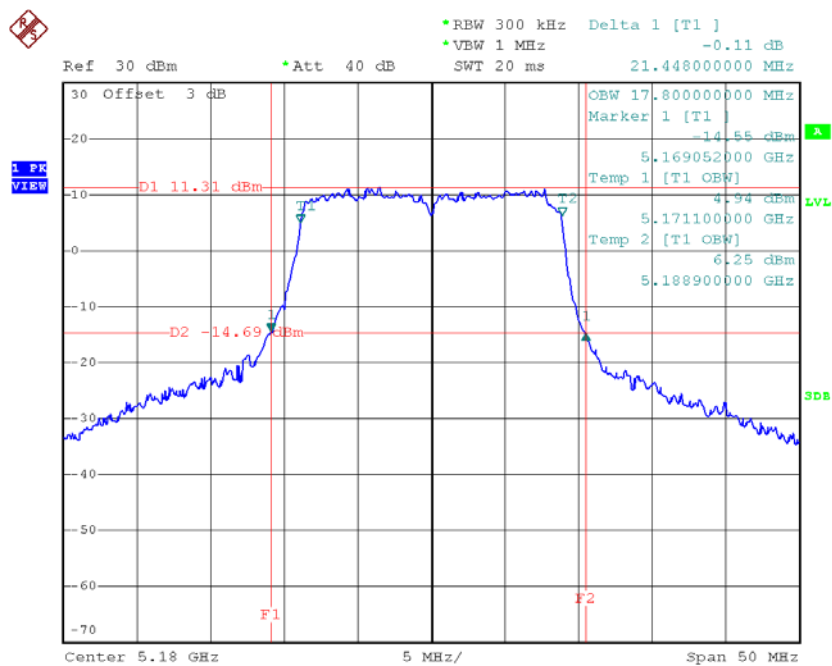


Date: 11.OCT.2018 19:50:02

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

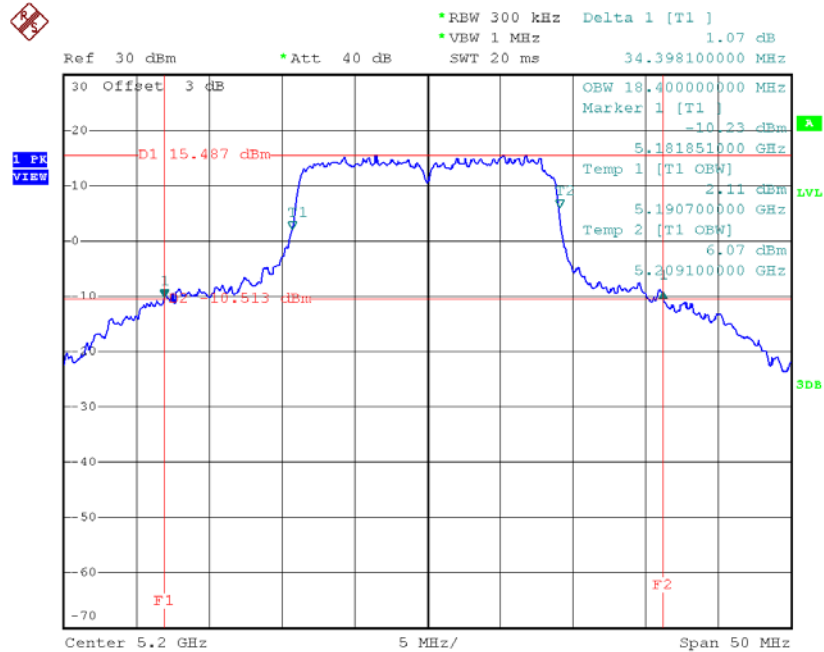
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.45	17.80
CH40	5200	34.40	18.40
CH48	5240	40.85	21.60

TX CH36



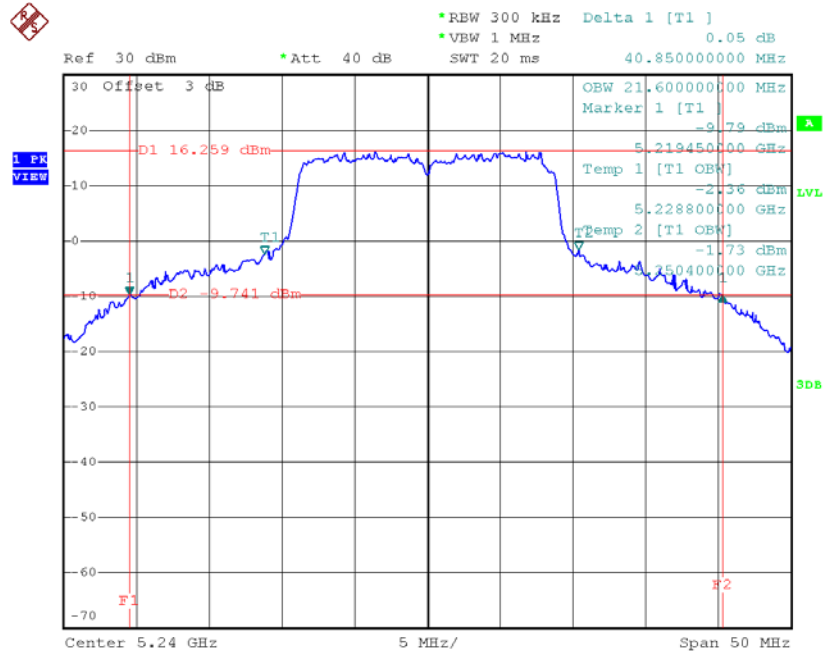
Date: 11.OCT.2018 19:39:19

TX CH40



Date: 11.OCT.2018 19:40:31

TX CH48

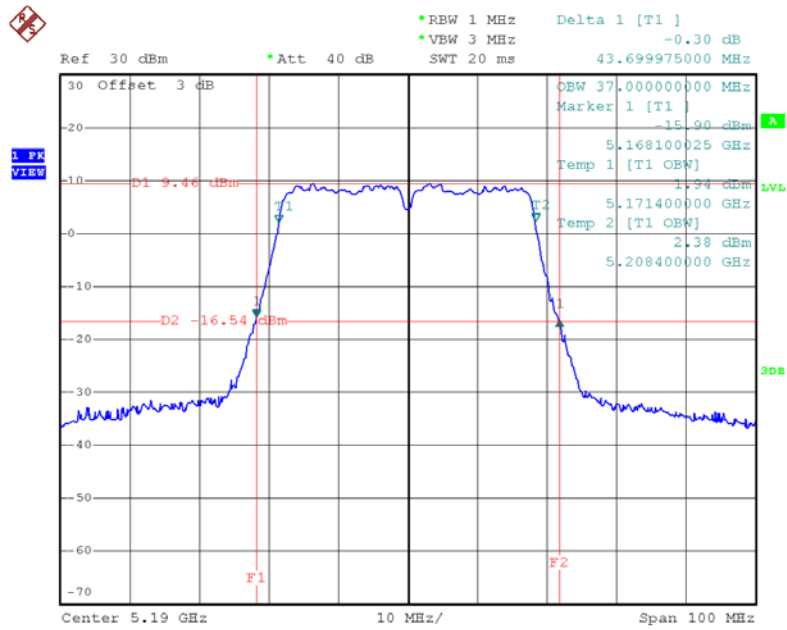


Date: 11.OCT.2018 19:41:30

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

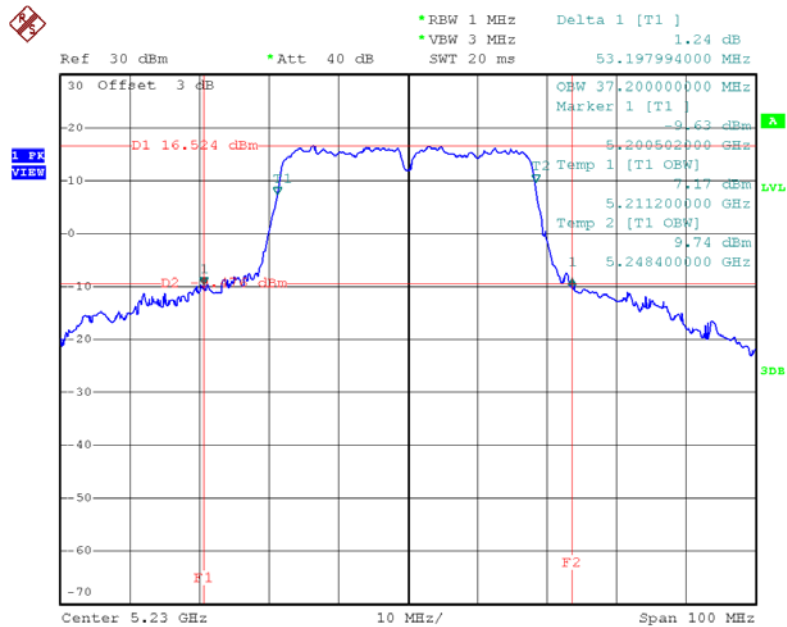
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.70	37.00
CH46	5230	53.20	37.20

TX CH38



Date: 11.OCT.2018 19:51:35

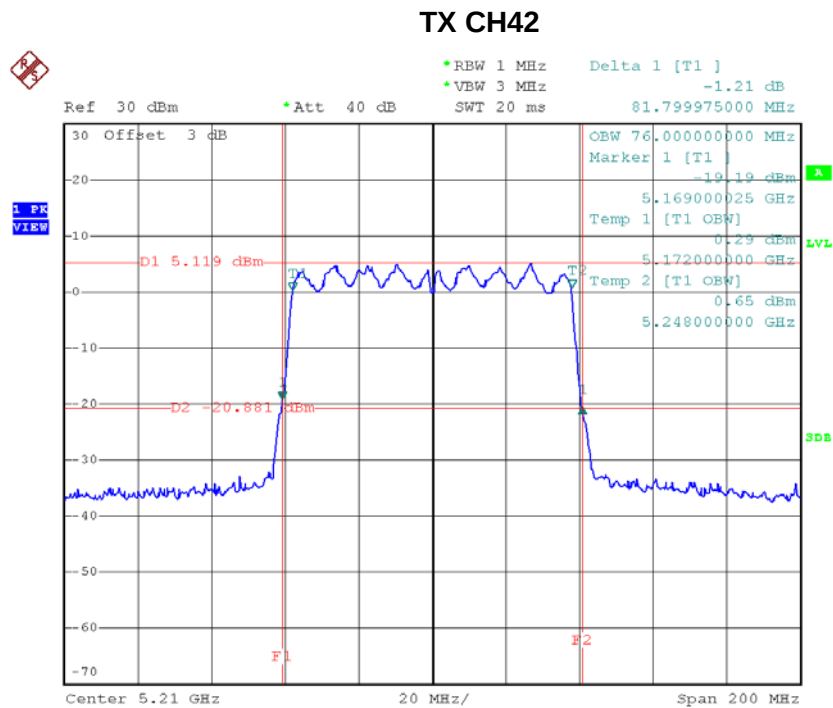
TX CH46



Date: 11.OCT.2018 19:52:58

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	81.80	76.00

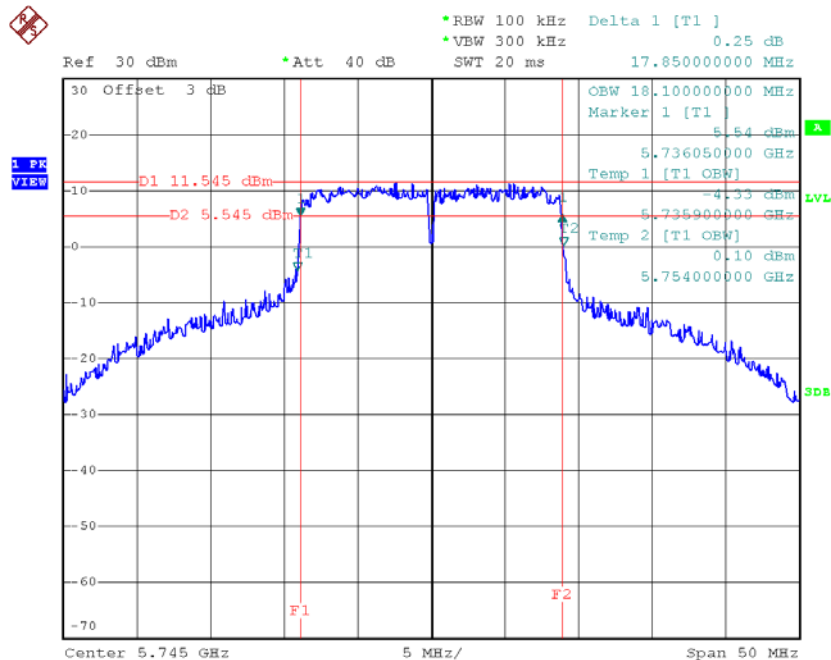


Date: 11.OCT.2018 20:32:47

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

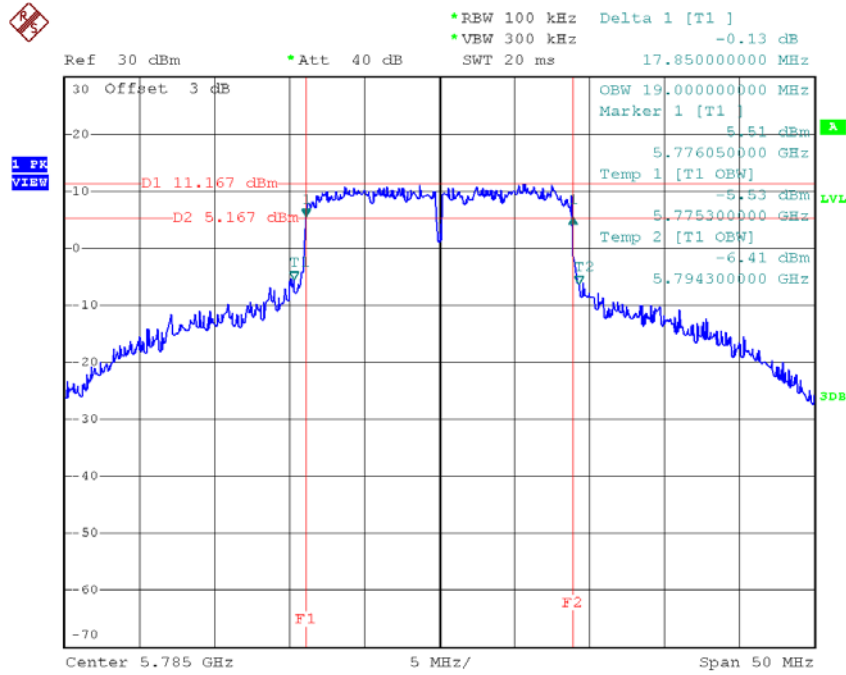
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.85	18.10	>=500
CH157	5785	17.85	19.00	>=500
CH165	5825	17.85	21.40	>=500

TX CH 149



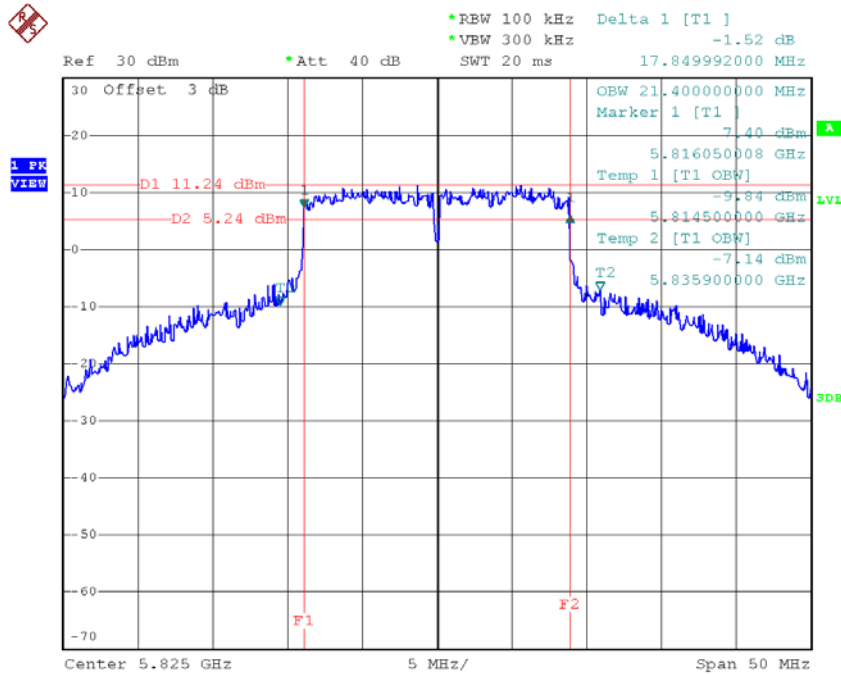
Date: 11.OCT.2018 19:42:42

TX CH 157



Date: 11.OCT.2018 19:43:48

TX CH 165

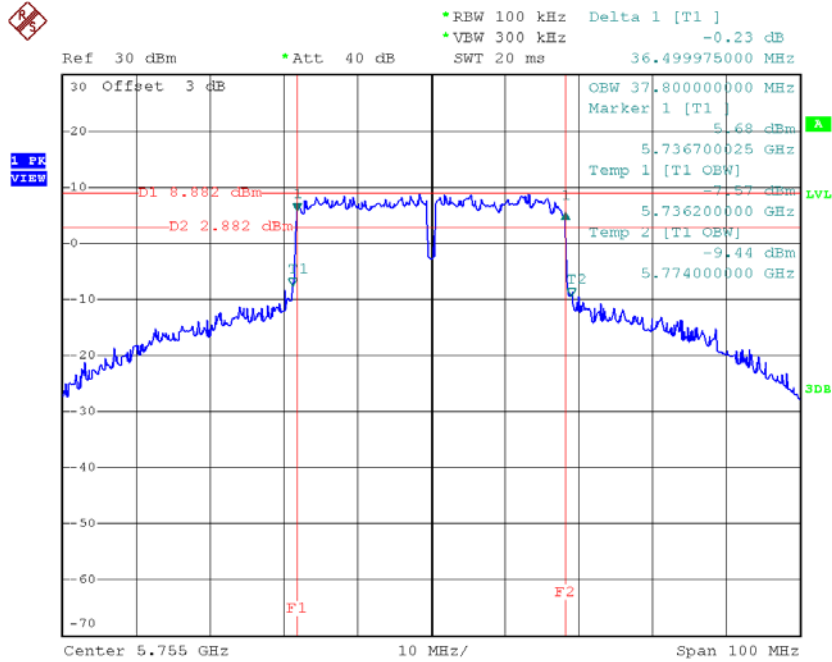


Date: 11.OCT.2018 19:44:50

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

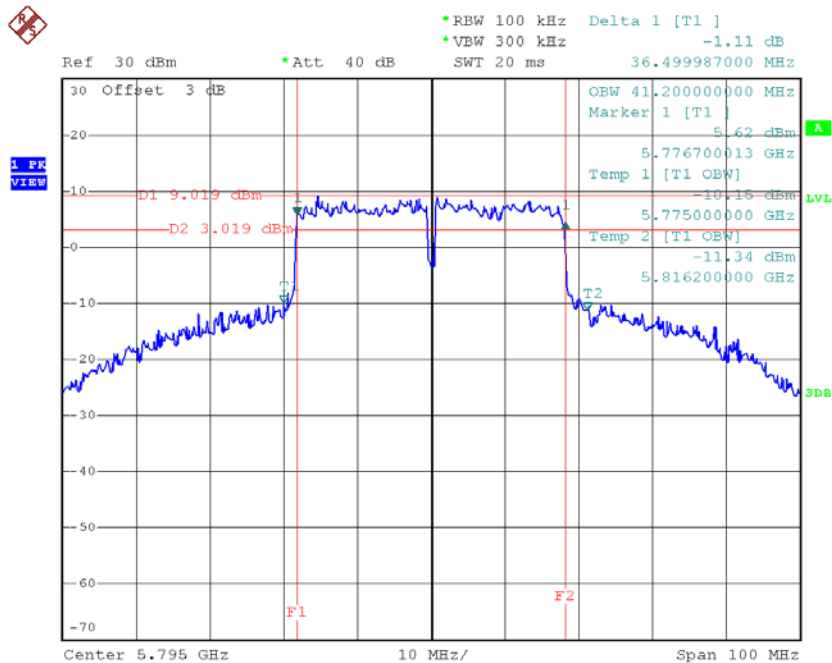
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	37.80	>=500
CH159	5795	36.50	41.20	>=500

TX CH 151



Date: 11.OCT.2018 19:54:11

TX CH 159

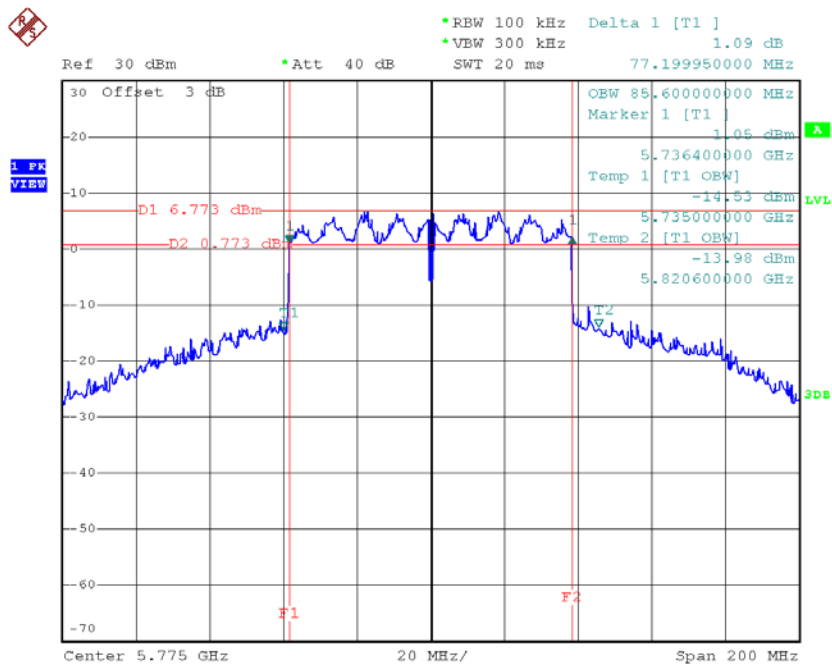


Date: 11.OCT.2018 19:55:21

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	77.20	85.60	>=500

TX CH 155



Date: 11.OCT.2018 20:31:30

APPENDIX F - MAXIMUM OUTPUT POWER

Non-Beamforming

Test Mode: UNII-1/TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	20.86	0.00	20.86	30.00	1.00
CH40	5200	24.48	0.00	24.48	30.00	1.00
CH48	5240	25.75	0.00	25.75	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	20.88	0.00	20.88	28.99	0.79
CH40	5200	24.12	0.00	24.12	28.99	0.79
CH48	5240	23.41	0.00	23.41	28.99	0.79

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	19.34	0.00	19.34	28.99	0.79
CH40	5200	22.41	0.00	22.41	28.99	0.79
CH48	5240	23.12	0.00	23.12	28.99	0.79

Test Mode: UNII-1/TX N20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	23.19	28.99	0.79
CH40	5200	26.36	28.99	0.79
CH48	5240	26.28	28.99	0.79

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	15.96	0.00	15.96	28.99	0.79
CH46	5230	23.31	0.00	23.31	28.99	0.79

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	15.53	0.00	15.53	28.99	0.79
CH46	5230	15.61	0.00	15.61	28.99	0.79

Test Mode: UNII-1/TX N40 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	18.76	28.99	0.79
CH46	5230	23.99	28.99	0.79

Test Mode: UNII-3/ TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	25.81	0.00	25.81	30.00	1.00
CH157	5785	25.76	0.00	25.76	30.00	1.00
CH165	5825	25.87	0.00	25.87	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	23.03	0.00	23.03	28.49	0.71
CH157	5785	23.41	0.00	23.41	28.49	0.71
CH165	5825	23.16	0.00	23.16	28.49	0.71

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	23.16	0.00	23.16	28.49	0.71
CH157	5785	23.31	0.00	23.31	28.49	0.71
CH165	5825	23.45	0.00	23.45	28.49	0.71

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	26.11	28.49	0.71
CH157	5785	26.37	28.49	0.71
CH165	5825	26.32	28.49	0.71

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	23.28	0.00	23.28	28.49	0.71
CH159	5795	23.42	0.00	23.42	28.49	0.71

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	23.01	0.00	23.01	28.49	0.71
CH159	5795	23.31	0.00	23.31	28.49	0.71

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	26.16	28.49	0.71
CH159	5795	26.38	28.49	0.71

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	20.94	0.00	20.94	28.99	0.79
CH40	5200	24.82	0.00	24.82	28.99	0.79
CH48	5240	23.22	0.00	25.51	28.99	0.79

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	20.21	0.00	20.21	28.99	0.79
CH40	5200	20.16	0.00	20.16	28.99	0.79
CH48	5240	23.36	0.00	25.76	28.99	0.79

Test Mode: UNII-1/TX AC20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	23.60	28.99	0.79
CH40	5200	26.10	28.99	0.79
CH48	5240	26.30	28.99	0.79

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	16.31	0.00	16.31	28.99	0.79
CH46	5230	22.82	0.00	22.82	28.99	0.79

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	15.65	0.00	15.65	28.99	0.79
CH46	5230	22.11	0.00	22.11	28.99	0.79

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	19.00	28.99	0.79
CH46	5230	25.49	28.99	0.79

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	14.45	0.00	14.45	28.99	0.79

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	13.11	0.00	13.11	28.99	0.79

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	16.84	28.99	0.79

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	23.08	0.00	23.08	28.49	0.71
CH157	5785	23.05	0.00	23.05	28.49	0.71
CH165	5825	23.17	0.00	23.17	28.49	0.71

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	23.32	0.00	23.32	28.49	0.71
CH157	5785	23.28	0.00	23.28	28.49	0.71
CH165	5825	23.31	0.00	23.31	28.49	0.71

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	26.21	28.49	0.71
CH157	5785	26.18	28.49	0.71
CH165	5825	26.25	28.49	0.71

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	23.34	0.00	23.34	28.49	0.71
CH159	5795	23.26	0.00	23.26	28.49	0.71

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	23.06	0.00	23.06	28.49	0.71
CH159	5795	23.23	0.00	23.23	28.49	0.71

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	26.21	28.49	0.71
CH159	5795	26.26	28.49	0.71

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	22.62	0.00	22.62	28.49	0.71

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	22.73	0.00	22.73	28.49	0.71

Test Mode: UNII-3/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	25.69	28.49	0.71

Beamforming

Test Mode: UNII-1/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	20.68	0.00	20.68	29.00	0.79
CH40	5200	23.79	0.00	23.79	29.00	0.79
CH48	5240	23.21	0.00	23.21	29.00	0.79

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	19.27	0.00	19.27	29.00	0.79
CH40	5200	22.62	0.00	22.62	29.00	0.79
CH48	5240	22.91	0.00	22.91	29.00	0.79

Test Mode: UNII-1/TX N20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	23.04	29.00	0.79
CH40	5200	26.25	29.00	0.79
CH48	5240	26.07	29.00	0.79

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	15.91	0.00	15.91	29.00	0.79
CH46	5230	23.21	0.00	23.21	29.00	0.79

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	15.47	0.00	15.47	29.00	0.79
CH46	5230	15.49	0.00	15.49	29.00	0.79

Test Mode: UNII-1/TX N40 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	18.71	29.00	0.79
CH46	5230	23.89	29.00	0.79

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	22.79	0.00	22.79	28.50	0.71
CH157	5785	23.17	0.00	23.17	28.50	0.71
CH165	5825	23.03	0.00	23.03	28.50	0.71

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	22.85	0.00	22.85	28.50	0.71
CH157	5785	23.05	0.00	23.05	28.50	0.71
CH165	5825	23.19	0.00	23.19	28.50	0.71

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	25.83	28.50	0.71
CH157	5785	26.12	28.50	0.71
CH165	5825	26.12	28.50	0.71

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	23.03	0.00	23.03	28.50	0.71
CH159	5795	23.23	0.00	23.23	28.50	0.71

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	22.78	0.00	22.78	28.50	0.71
CH159	5795	23.14	0.00	23.14	28.50	0.71

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	25.92	28.50	0.71
CH159	5795	26.20	28.50	0.71

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	20.88	0.00	20.88	29.00	0.79
CH40	5200	24.72	0.00	24.72	29.00	0.79
CH48	5240	23.03	0.00	23.03	29.00	0.79

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	20.16	0.00	20.16	29.00	0.79
CH40	5200	20.07	0.00	20.07	29.00	0.79
CH48	5240	23.11	0.00	23.11	29.00	0.79

Test Mode: UNII-1/TX AC20 Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	23.55	29.00	0.79
CH40	5200	26.00	29.00	0.79
CH48	5240	26.08	29.00	0.79

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	16.25	0.00	16.25	29.00	0.79
CH46	5230	22.71	0.00	22.71	29.00	0.79

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	15.53	0.00	15.53	29.00	0.79
CH46	5230	21.99	0.00	21.99	29.00	0.79

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	18.92	29.00	0.79
CH46	5230	25.38	29.00	0.79

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	14.39	0.00	14.39	29.00	0.79

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	12.97	0.00	12.97	29.00	0.79

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	16.75	29.00	0.79

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	22.74	0.00	22.74	28.50	0.71
CH157	5785	22.85	0.00	22.85	28.50	0.71
CH165	5825	22.93	0.00	22.93	28.50	0.71

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	23.08	0.00	23.08	28.50	0.71
CH157	5785	22.96	0.00	22.96	28.50	0.71
CH165	5825	23.03	0.00	23.03	28.50	0.71

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	25.92	28.50	0.71
CH157	5785	25.92	28.50	0.71
CH165	5825	25.99	28.50	0.71

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	23.06	0.00	23.06	28.50	0.71
CH159	5795	22.96	0.00	22.96	28.50	0.71

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	22.74	0.00	22.74	28.50	0.71
CH159	5795	22.94	0.00	22.94	28.50	0.71

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	25.91	28.50	0.71
CH159	5795	25.96	28.50	0.71

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	22.38	0.00	22.38	28.50	0.71

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	22.54	0.00	22.54	28.50	0.71

Test Mode: UNII-3/TX AC80 Mode_Total

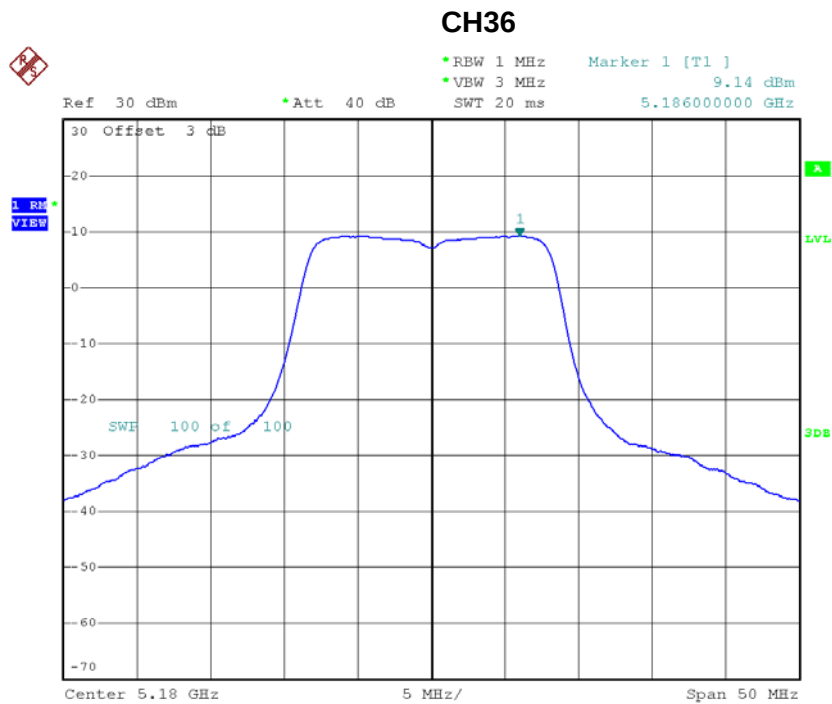
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	25.47	28.50	0.71

APPENDIX G - POWER SPECTRAL DENSITY

Non-Beamforming

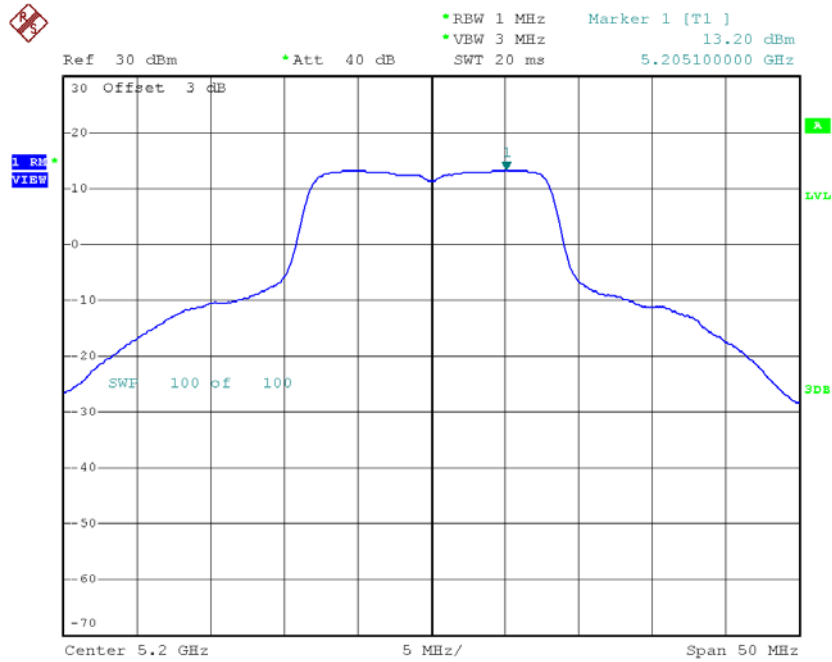
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.14	0.00	9.14	17.00
CH40	5200	13.20	0.00	13.20	17.00
CH48	5240	14.73	0.00	14.73	17.00



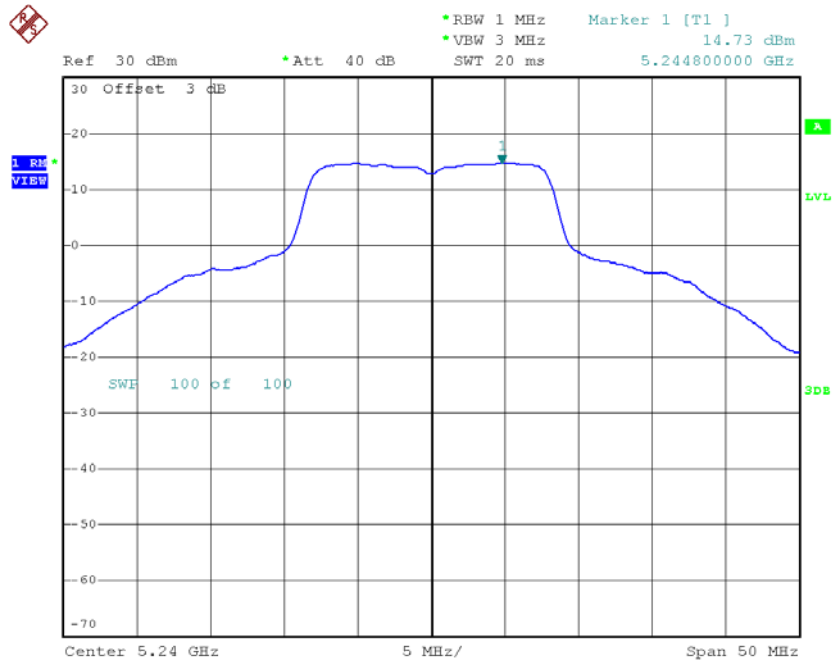
Date: 11.OCT.2018 17:29:31

CH40



Date: 11.OCT.2018 17:30:54

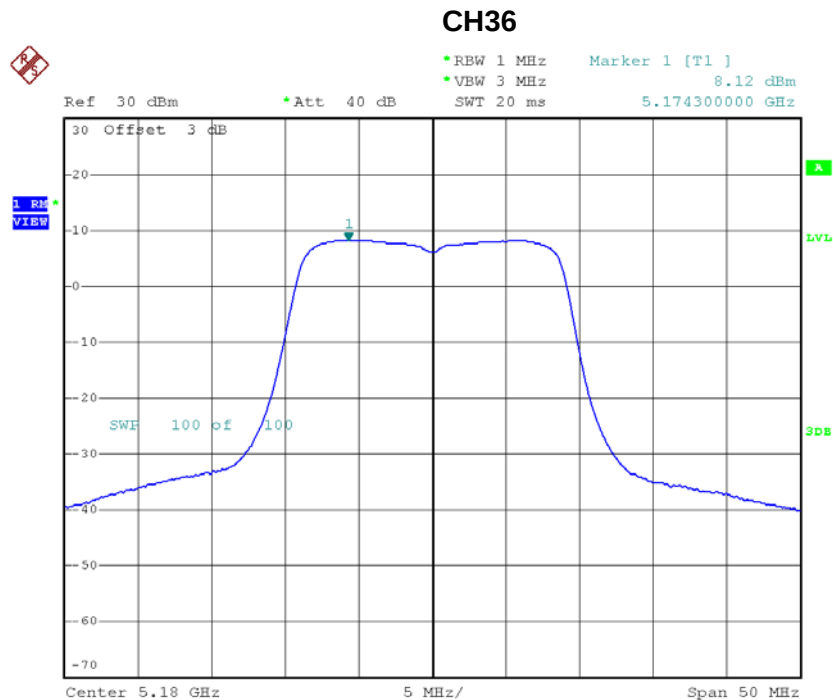
CH48



Date: 11.OCT.2018 17:31:46

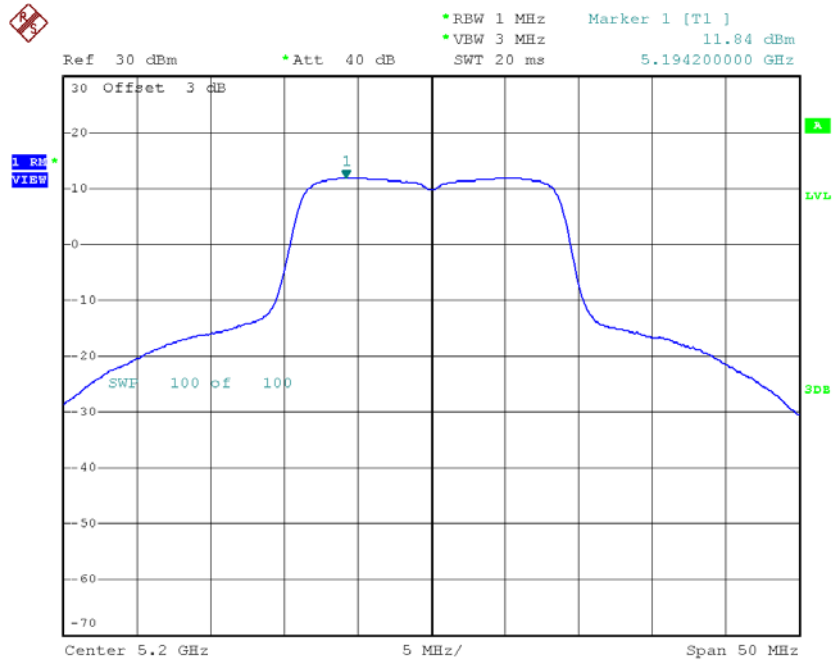
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	8.12	0.00	8.12	15.99
CH40	5200	11.84	0.00	11.84	15.99
CH48	5240	12.83	0.00	12.83	15.99



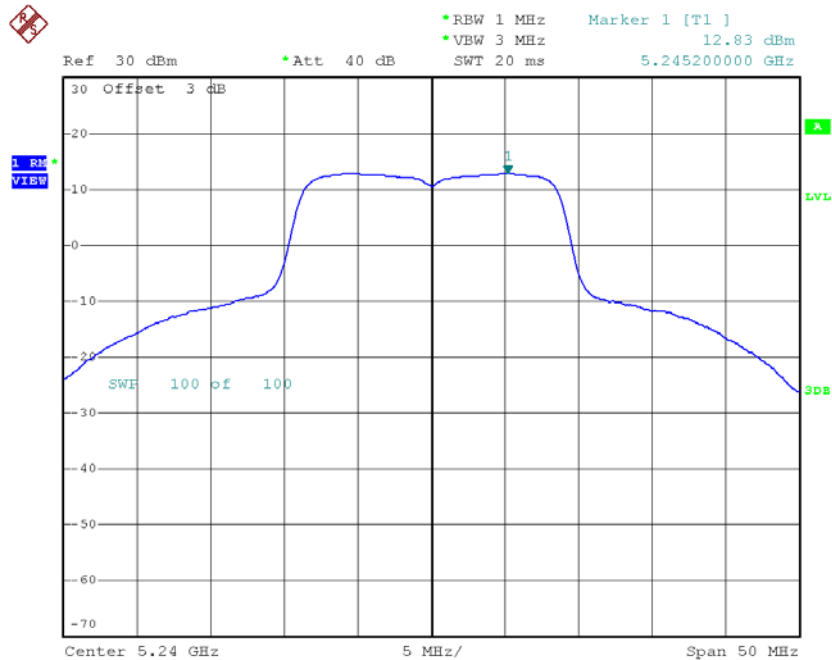
Date: 11.OCT.2018 18:58:38

CH40



Date: 11.OCT.2018 18:59:38

CH48

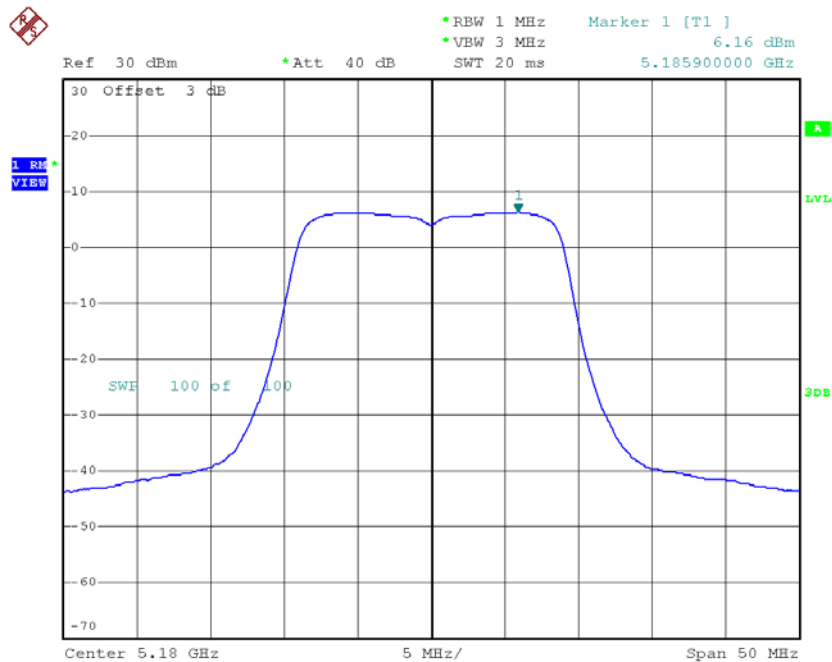


Date: 11.OCT.2018 19:00:34

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

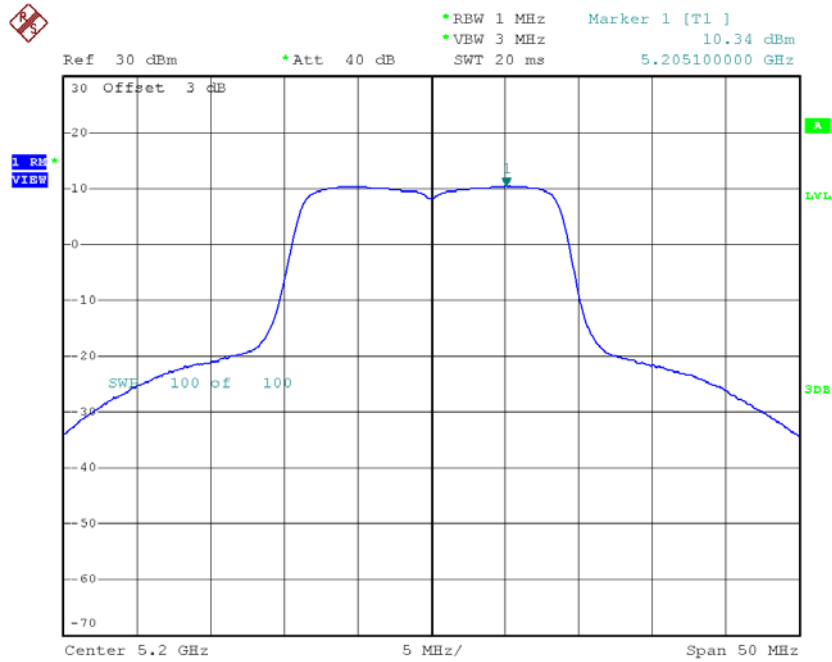
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.16	0.00	6.16	15.99
CH40	5200	10.34	0.00	10.34	15.99
CH48	5240	12.67	0.00	12.67	15.99

CH36



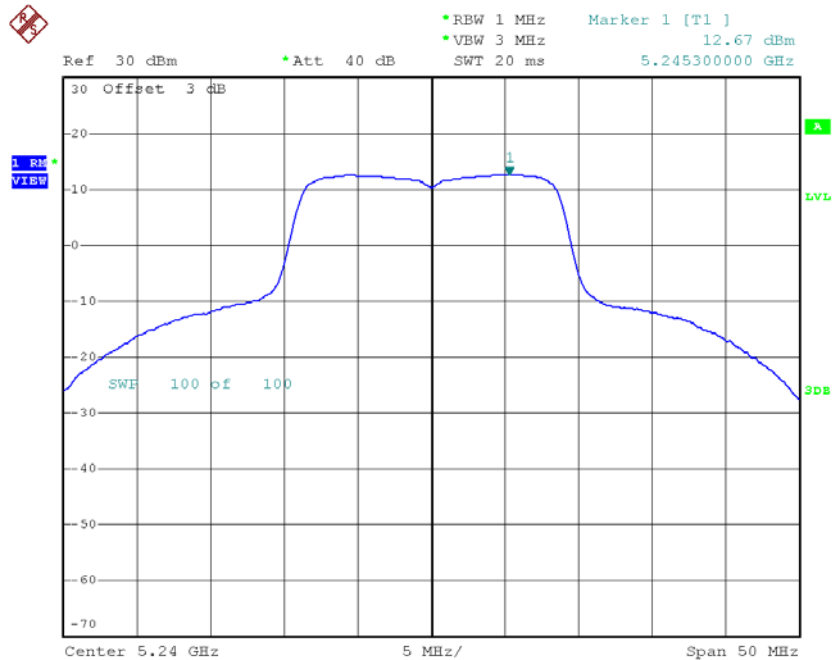
Date: 11.OCT.2018 17:49:45

CH40



Date: 11.OCT.2018 17:51:22

CH48



Date: 11.OCT.2018 17:52:04

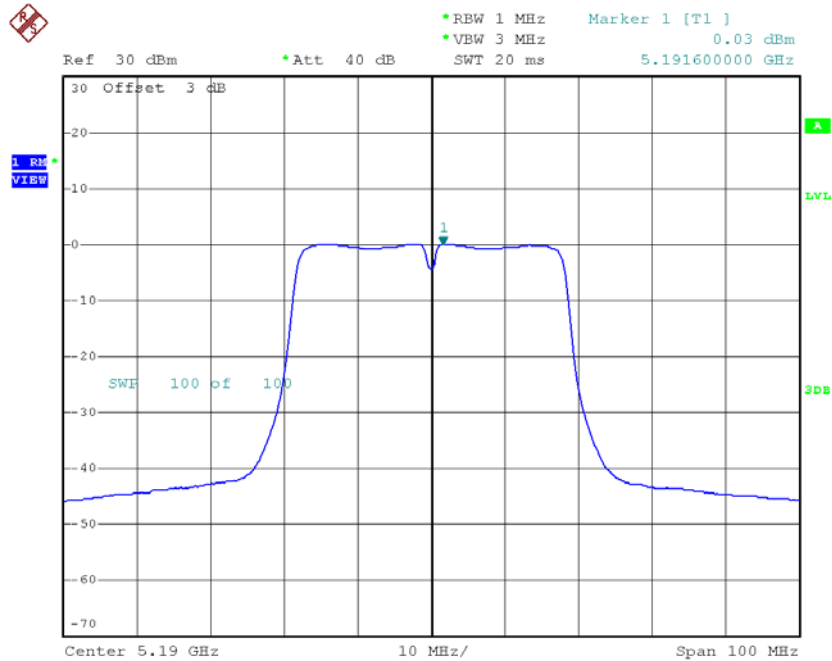
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.26	15.99
CH40	5200	14.16	15.99
CH48	5240	15.76	15.99

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

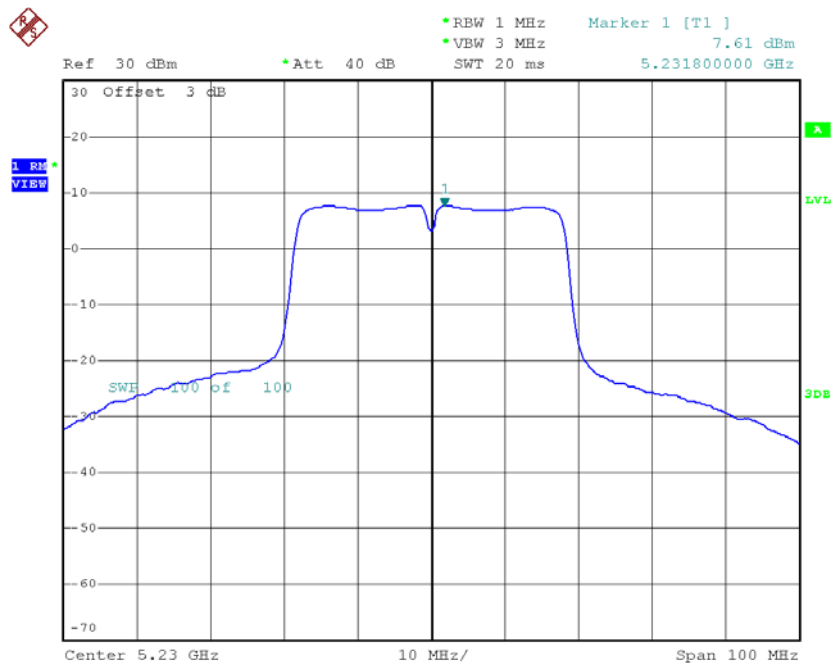
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	0.03	0.00	0.03	15.99
CH46	5230	7.61	0.00	7.61	15.99

CH38



Date: 11.OCT.2018 19:13:27

CH46

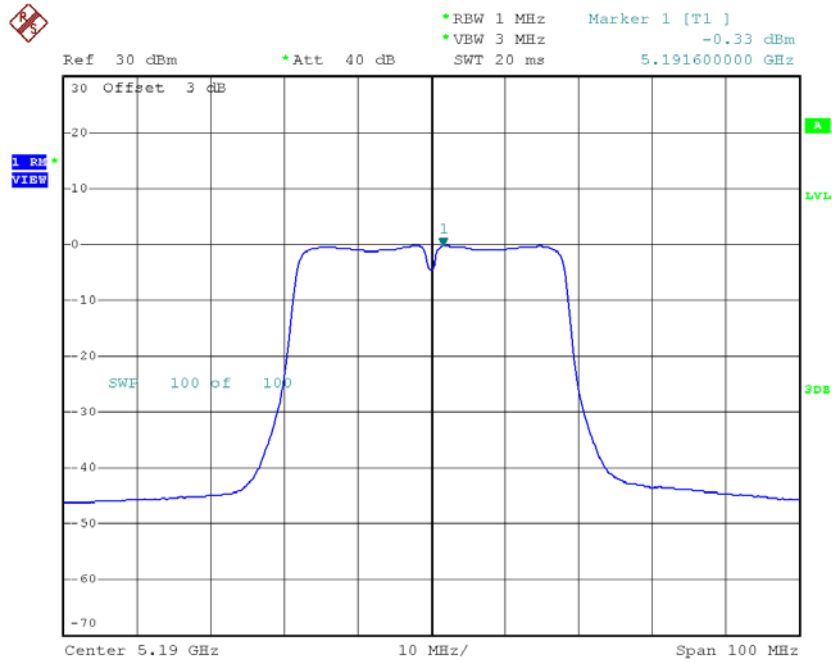


Date: 11.OCT.2018 19:14:30

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

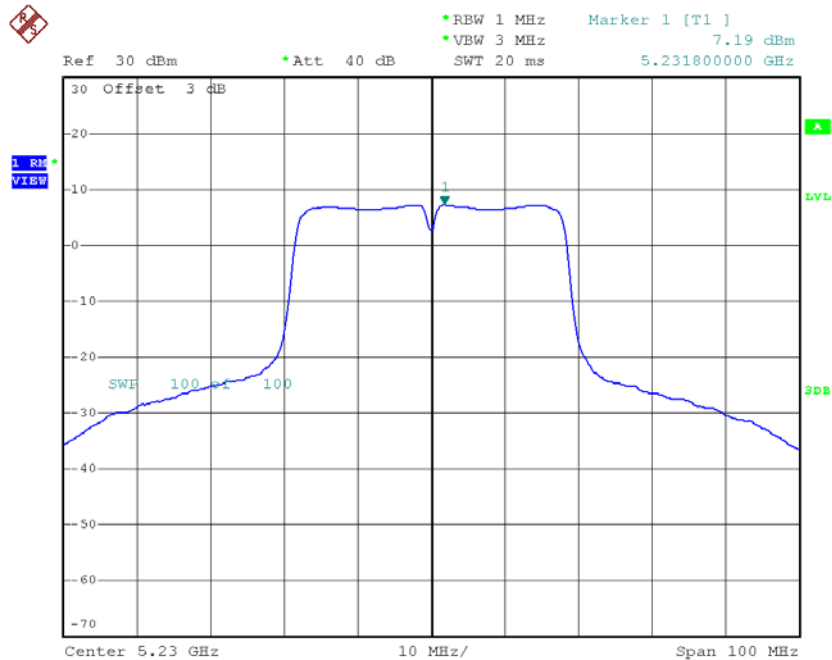
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-0.33	0.00	-0.33	15.99
CH46	5230	7.19	0.00	7.19	15.99

CH38



Date: 11.OCT.2018 18:35:15

CH46



Date: 11.OCT.2018 18:37:35

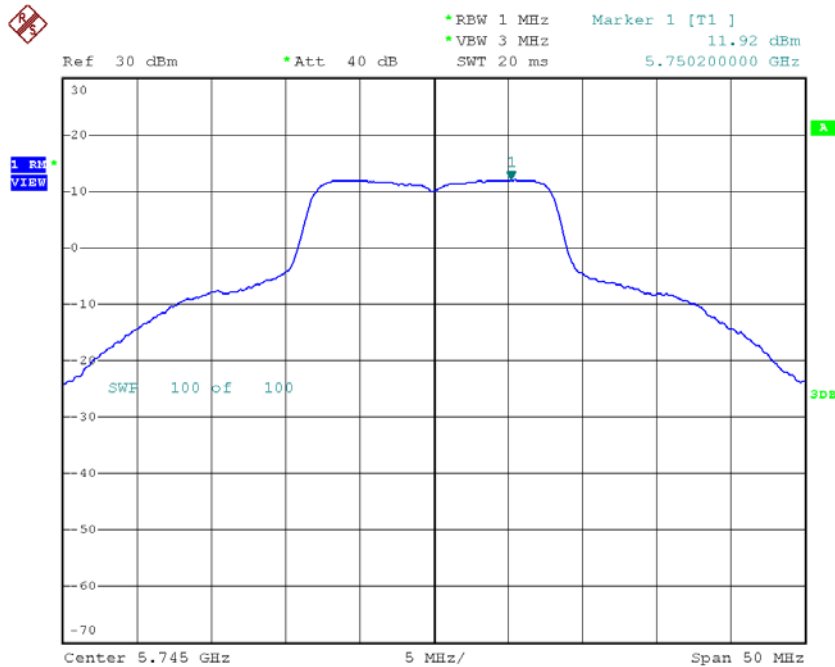
Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.86	15.99
CH46	5230	10.42	15.99

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

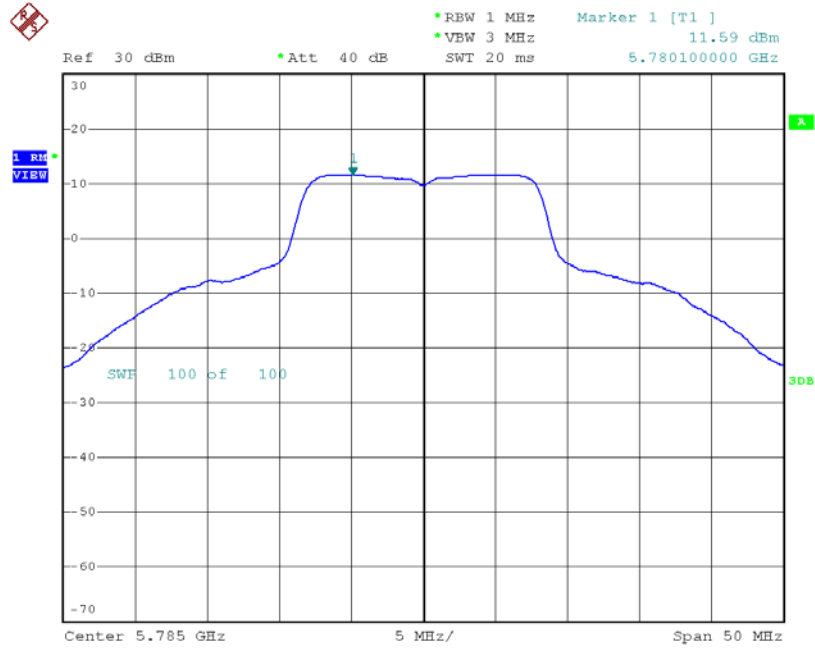
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	11.92	0.00	11.92	30.00
CH157	5785	11.59	0.00	11.59	30.00
CH165	5825	11.19	0.00	11.19	30.00

TX CH149



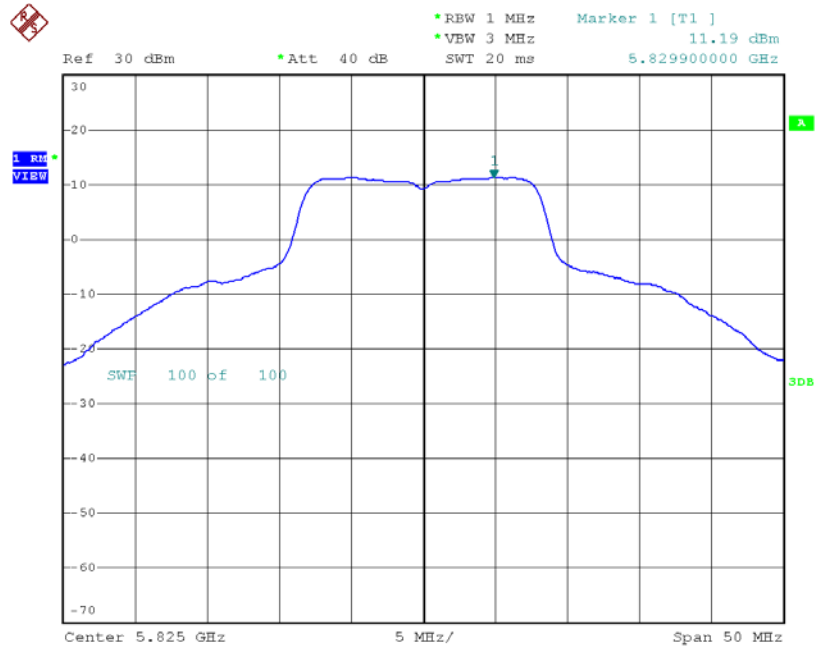
Date: 11.OCT.2018 17:32:57

TX CH157



Date: 11.OCT.2018 17:34:17

TX CH165

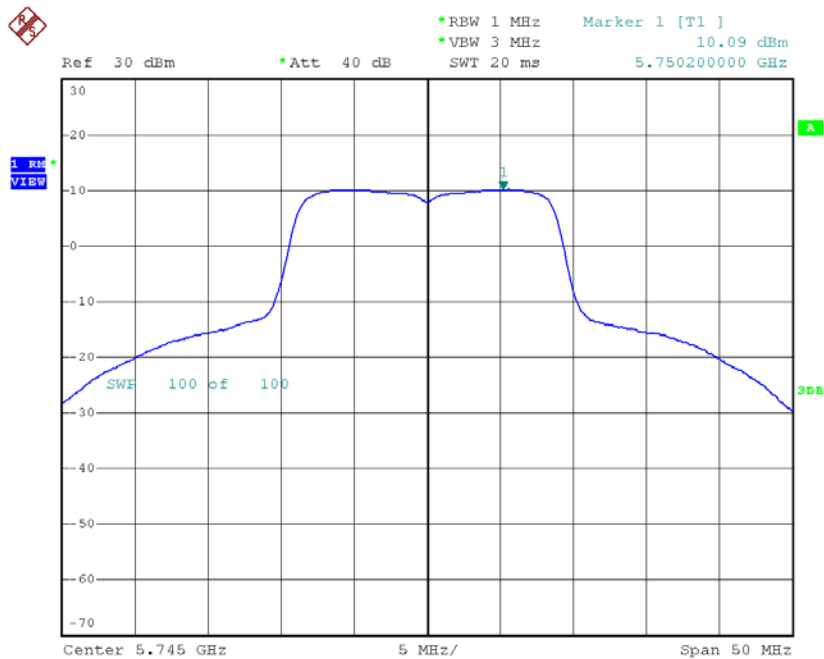


Date: 11.OCT.2018 17:35:15

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

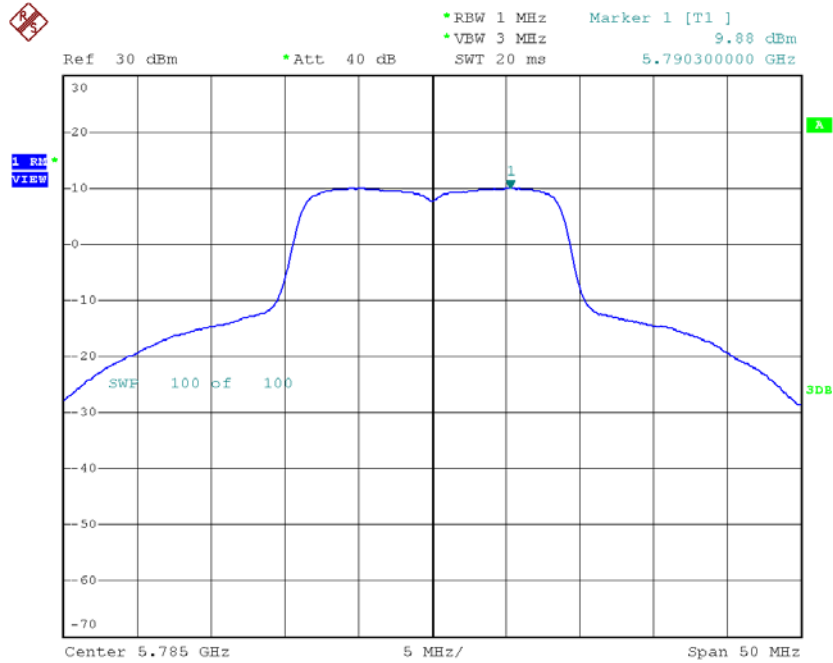
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.09	0.00	10.09	28.49
CH157	5785	9.88	0.00	9.88	28.49
CH165	5825	9.73	0.00	9.73	28.49

TX CH149



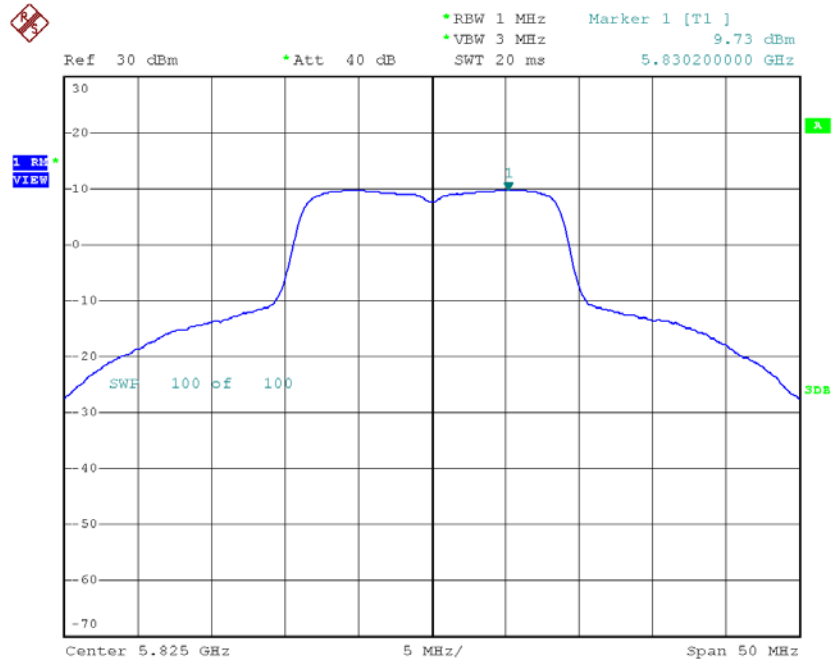
Date: 11.OCT.2018 19:01:56

TX CH157



Date: 11.OCT.2018 19:03:05

TX CH165

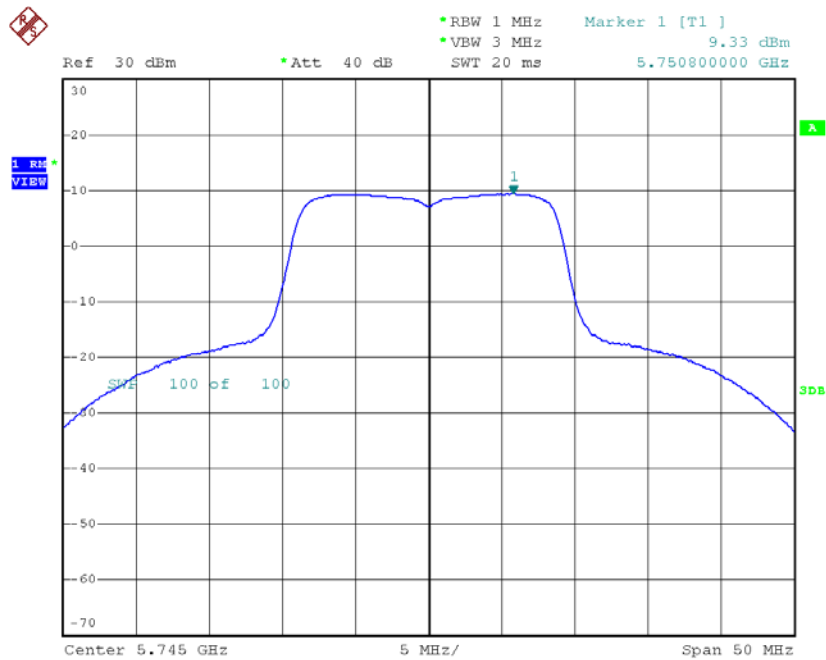


Date: 11.OCT.2018 19:04:04

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

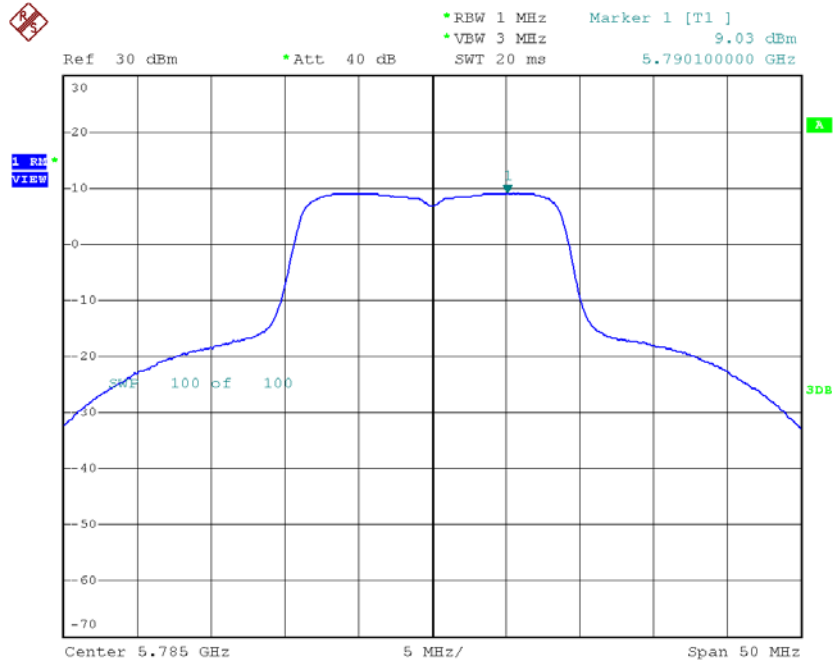
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	9.33	0.00	9.33	28.49
CH157	5785	9.03	0.00	9.03	28.49
CH165	5825	8.74	0.00	8.74	28.49

TX CH149



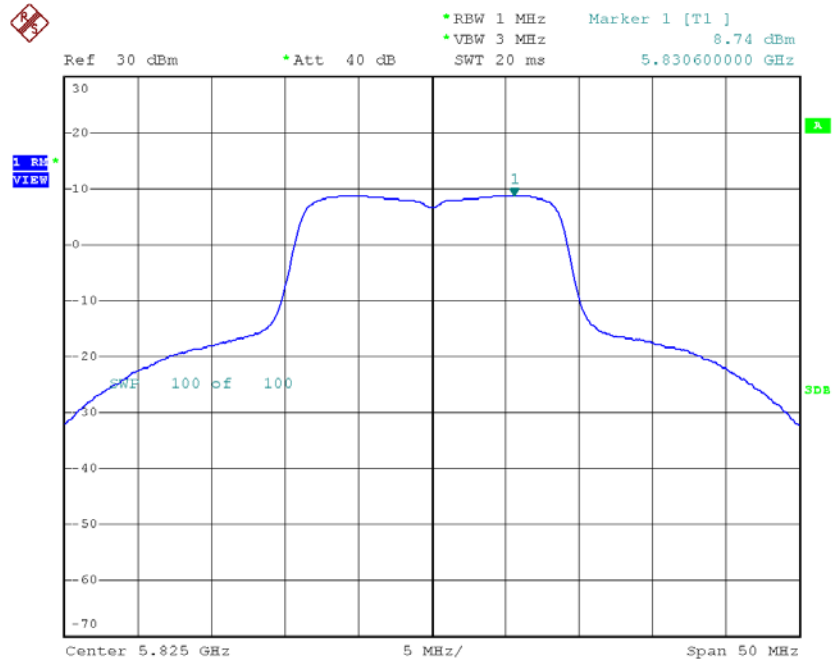
Date: 11.OCT.2018 17:53:09

TX CH157



Date: 11.OCT.2018 17:54:11

TX CH165



Date: 11.OCT.2018 17:55:16

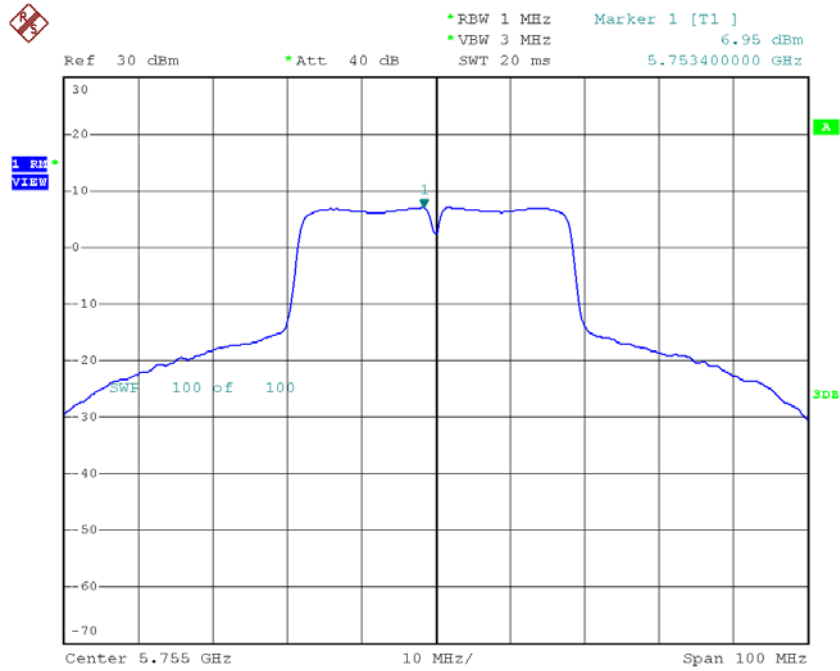
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	12.74	28.49
CH157	5785	12.49	28.49
CH165	5825	12.27	28.49

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

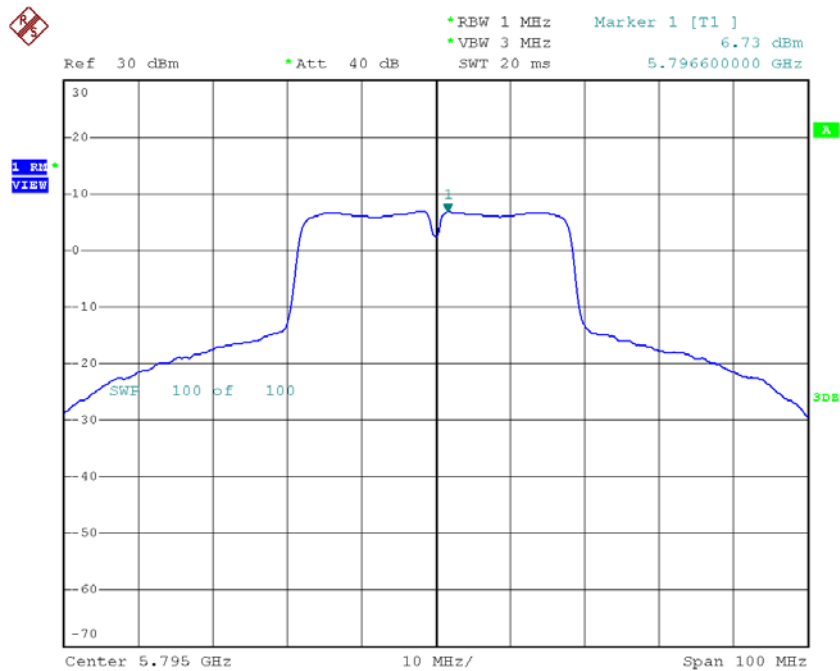
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	6.95	0.00	6.95	28.49
CH159	5795	6.73	0.00	6.73	28.49

TX CH151



Date: 11.OCT.2018 19:15:46

TX CH159

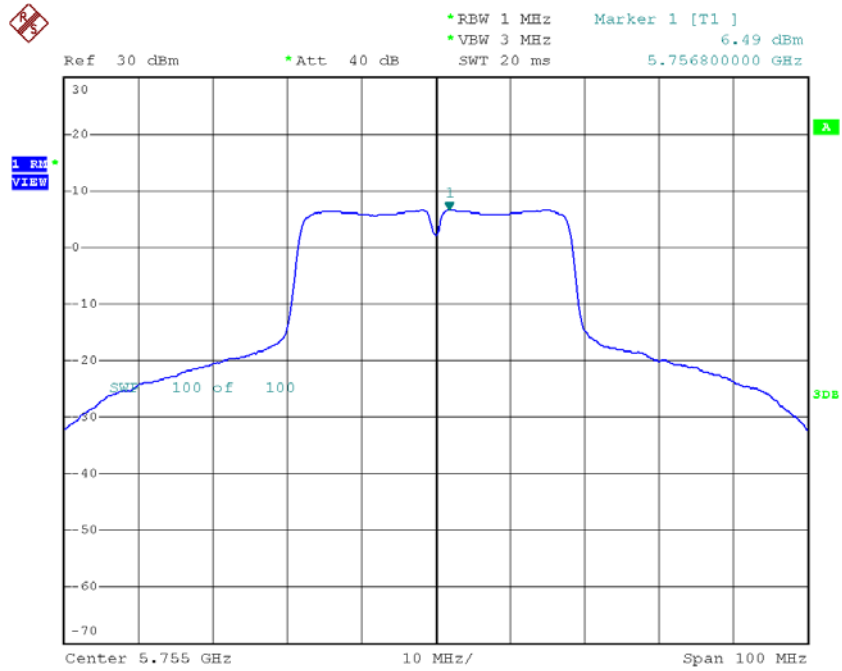


Date: 11.OCT.2018 19:16:53

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

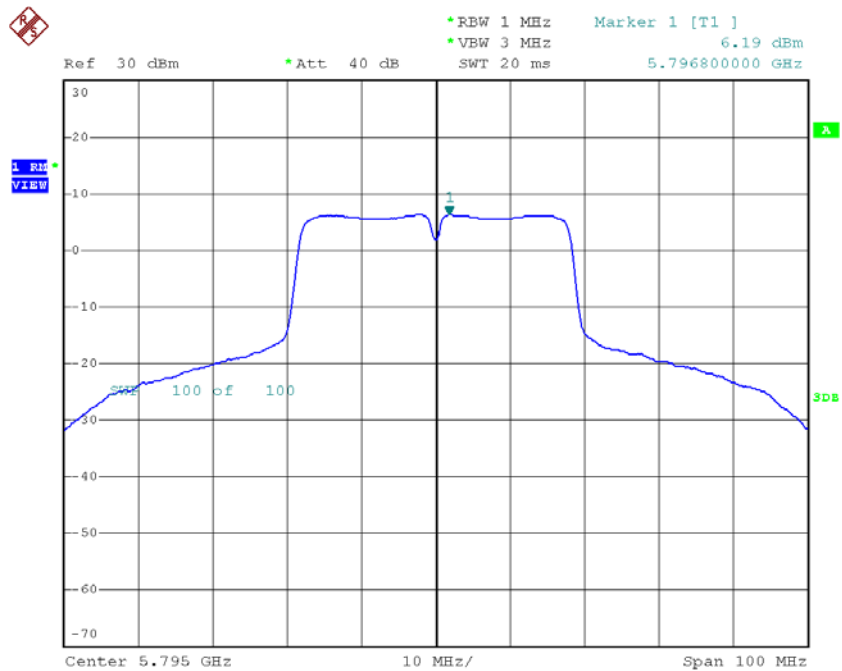
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	6.49	0.00	6.49	28.49
CH159	5795	6.19	0.00	6.19	28.49

TX CH151



Date: 11.OCT.2018 18:43:01

TX CH159



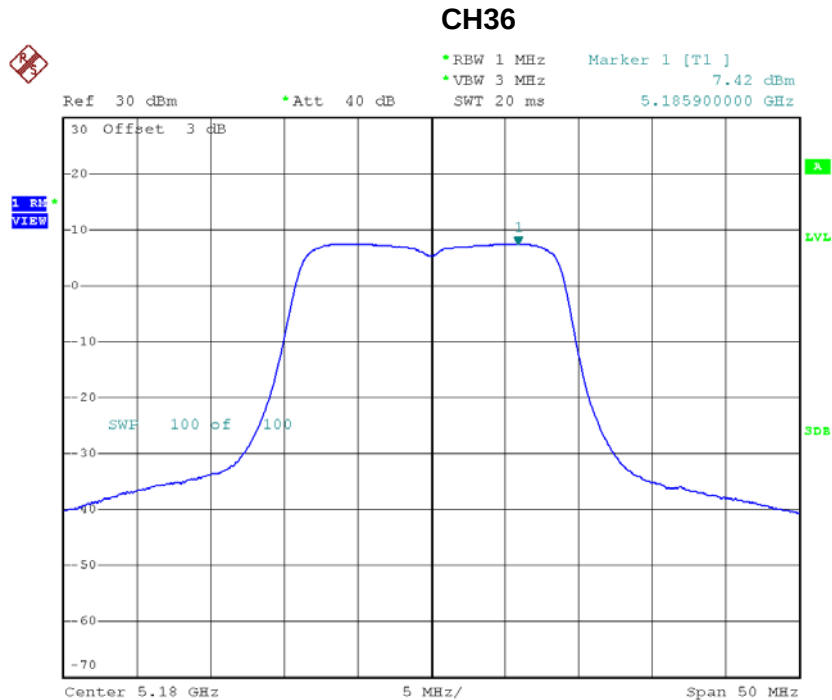
Date: 11.OCT.2018 18:44:43

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

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	9.74	28.49
CH159	5795	9.48	28.49

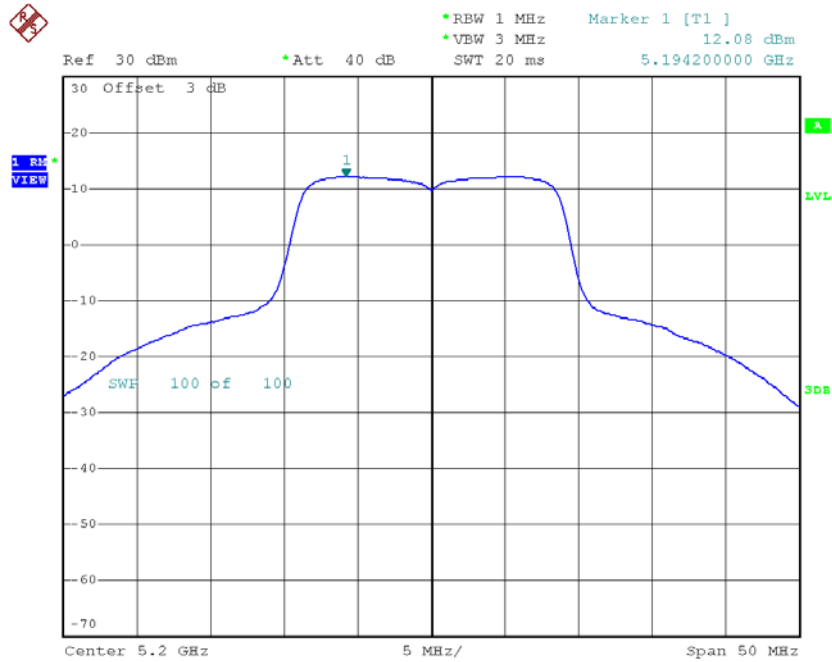
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	7.42	0.00	7.42	15.99
CH40	5200	12.08	0.00	12.08	15.99
CH48	5240	12.67	0.00	12.67	15.99



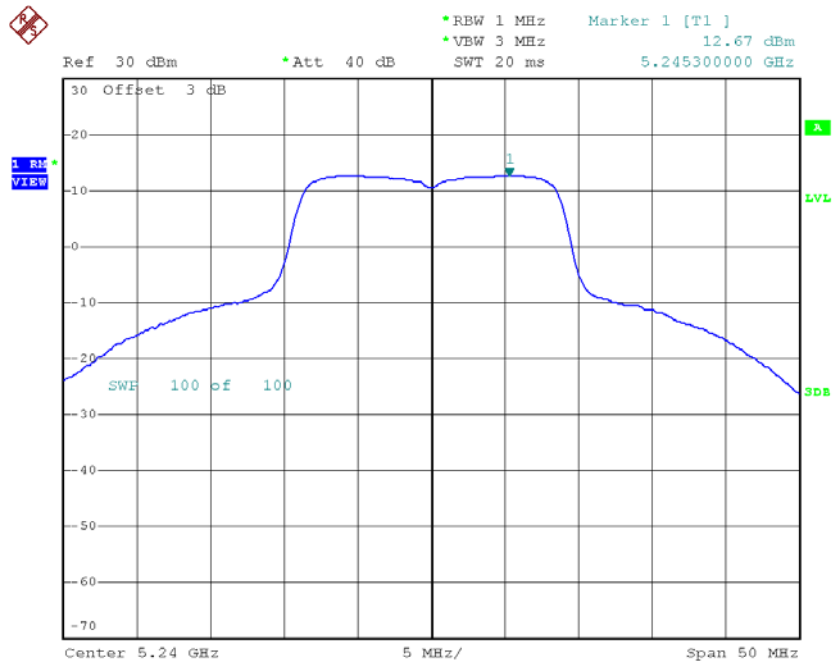
Date: 11.OCT.2018 19:05:20

CH40



Date: 11.OCT.2018 19:07:21

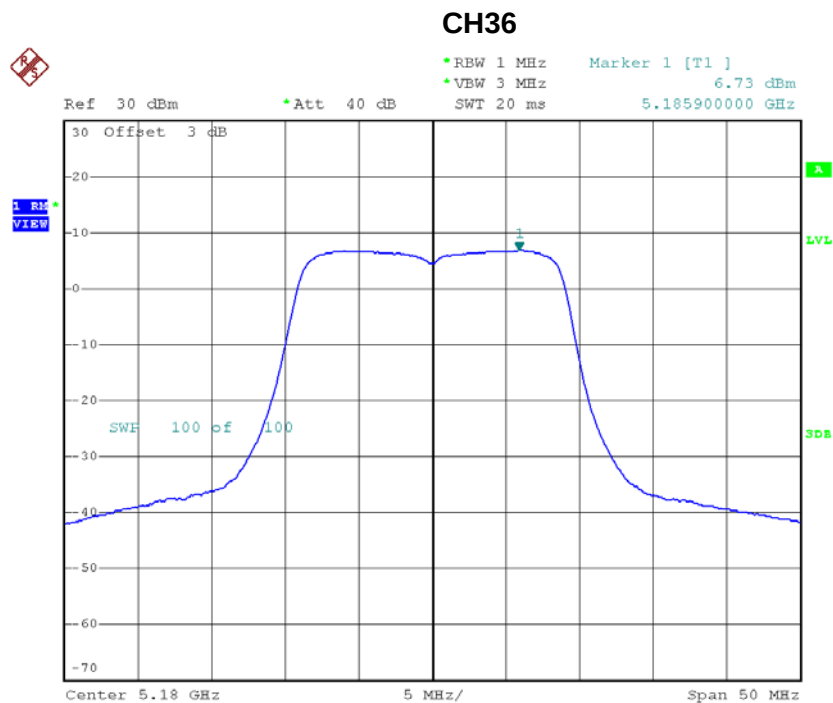
CH48



Date: 11.OCT.2018 19:08:20

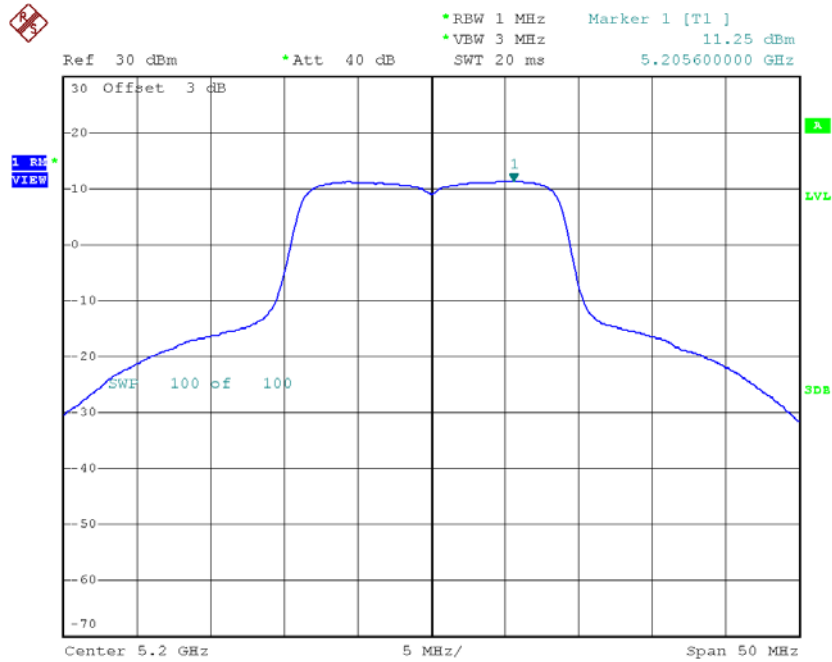
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.73	0.00	6.73	15.99
CH40	5200	11.25	0.00	11.25	15.99
CH48	5240	12.62	0.00	12.62	15.99



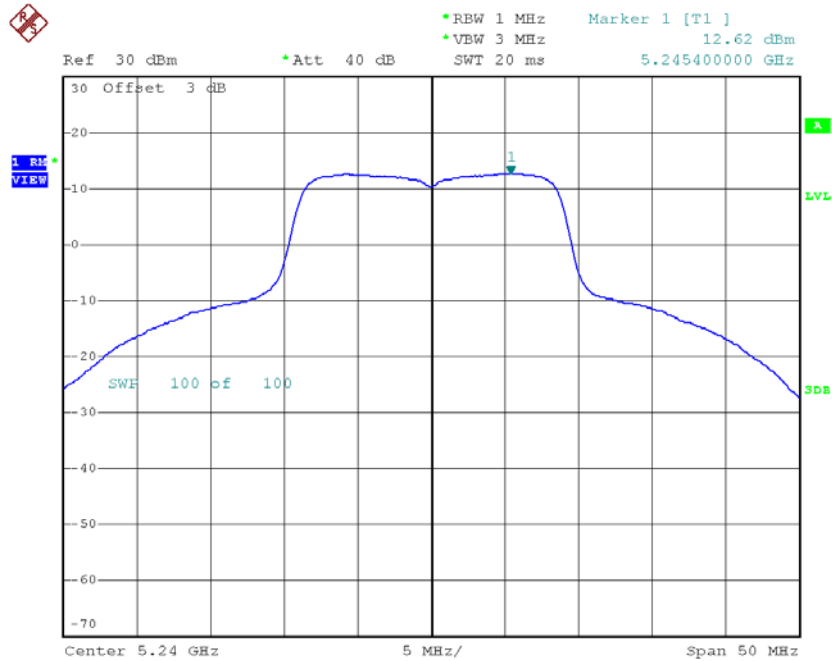
Date: 11.OCT.2018 17:56:50

CH40



Date: 11.OCT.2018 17:58:41

CH48



Date: 11.OCT.2018 17:59:33

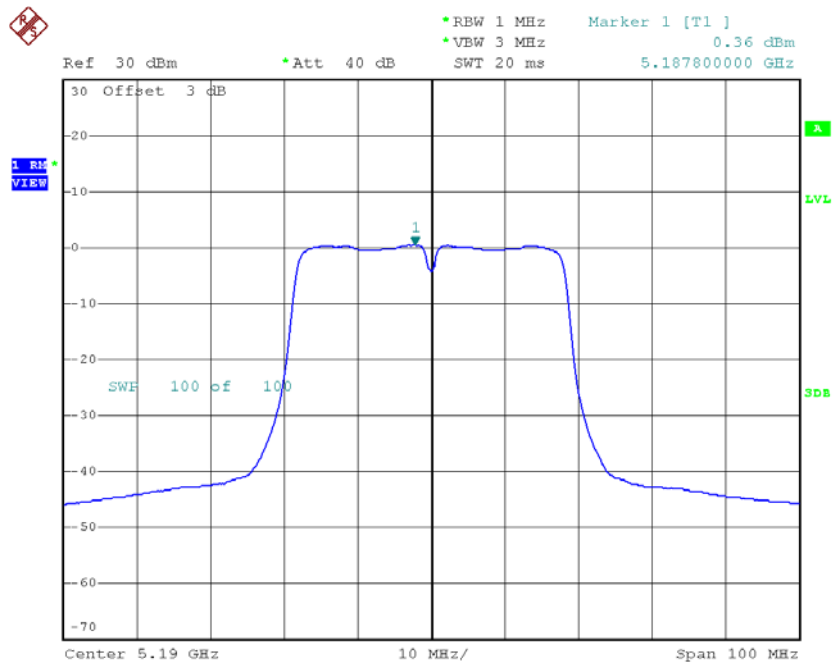
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.10	15.99
CH40	5200	14.70	15.99
CH48	5240	15.66	15.99

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

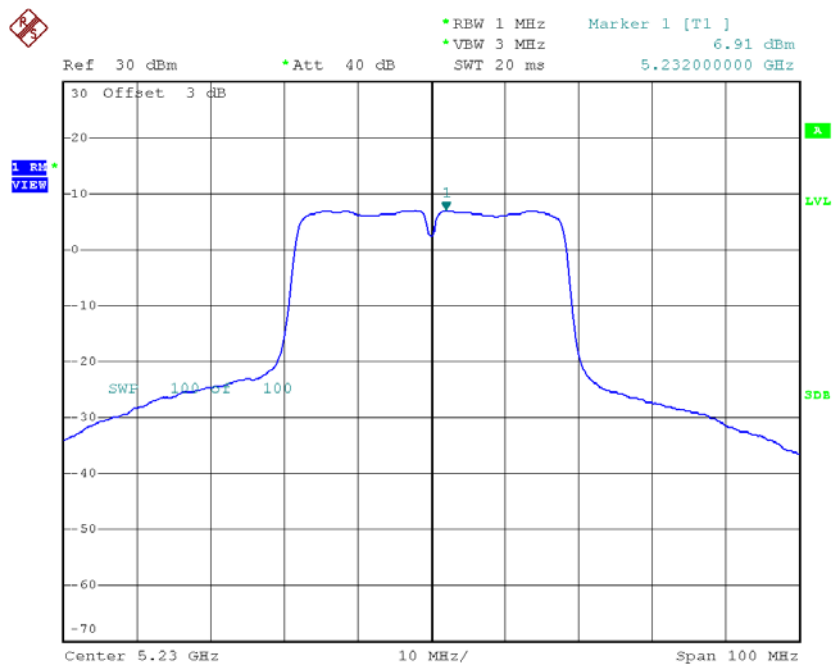
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	0.36	0.00	0.36	15.99
CH46	5230	6.91	0.00	6.91	15.99

CH38



Date: 11.OCT.2018 19:18:11

CH46

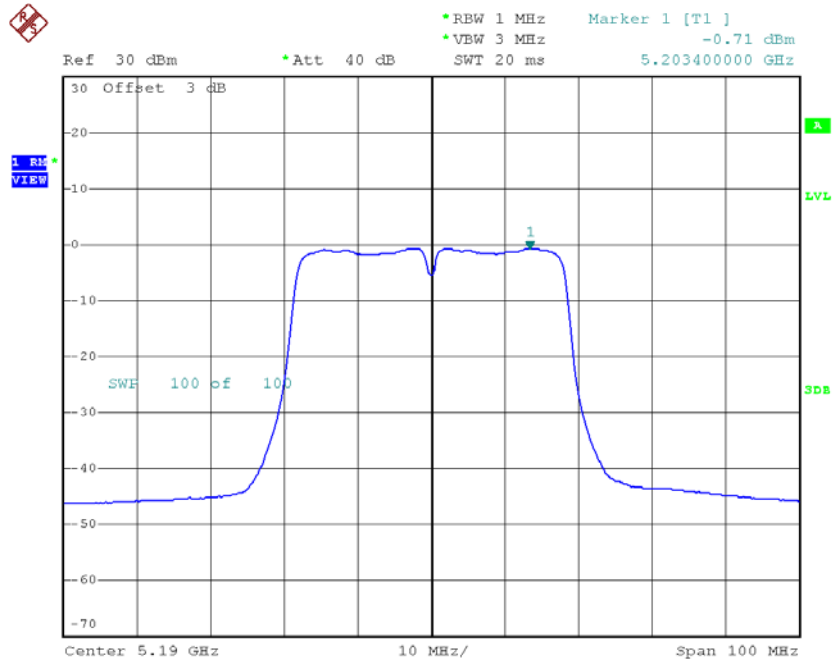


Date: 11.OCT.2018 19:19:36

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

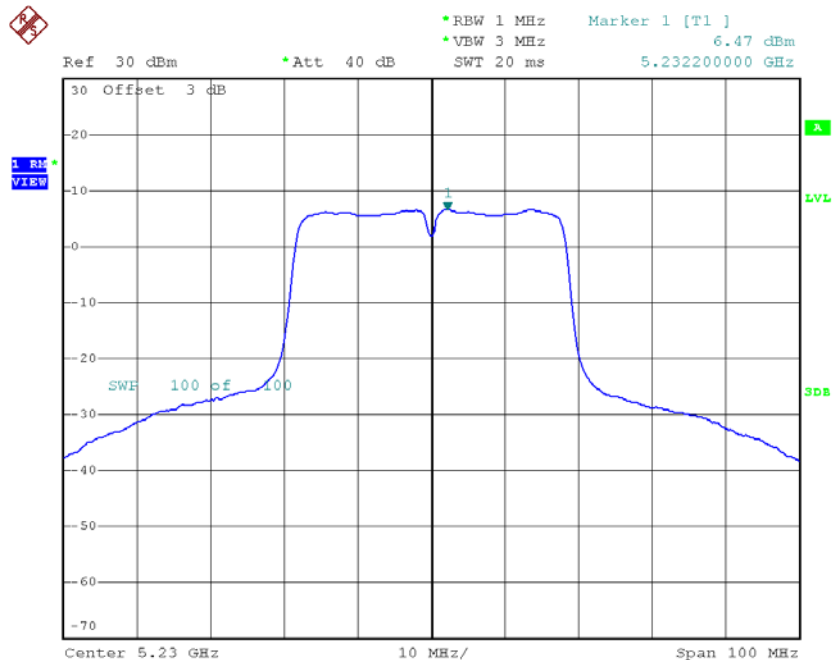
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-0.71	0.00	-0.71	15.99
CH46	5230	6.47	0.00	6.47	15.99

CH38



Date: 11.OCT.2018 18:46:04

CH46



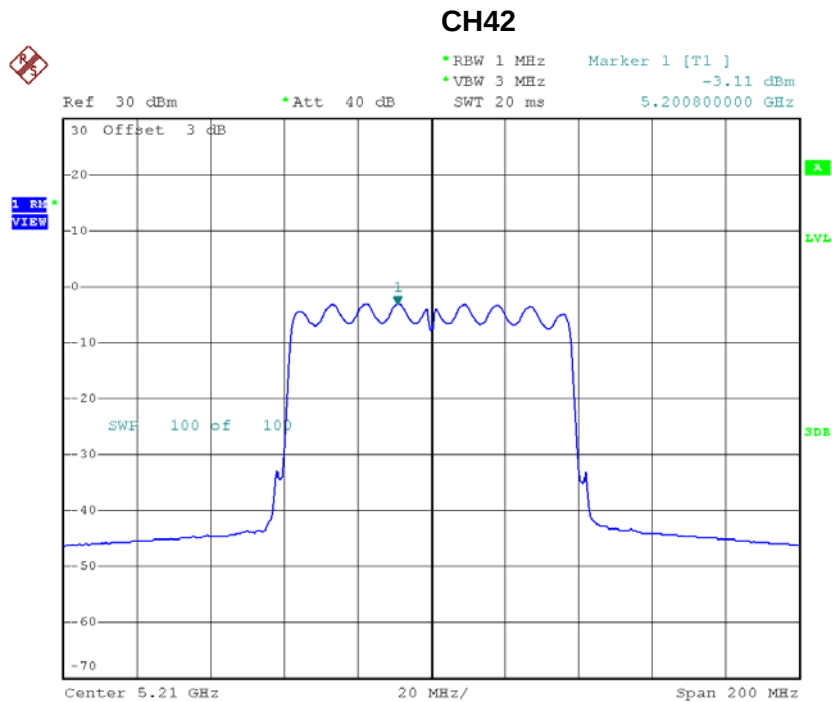
Date: 11.OCT.2018 18:48:08

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

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	2.87	15.99
CH46	5230	9.71	15.99

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-3.11	0.00	-3.11	15.99



Date: 11.OCT.2018 19:27:16

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-4.97	0.00	-4.97	15.99

