

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

Measurements Report

The measurement report shows compliance information against applicable standards. Each section of the report contains either verbiage or graphs which show compliance to applicable standards as required, explains testing method used, and indicates what the applicable specification is.

A list of test equipment for all sections, and certification signoff page are included at the end of the measurement report.

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F1-1 Tested Unit Details

Model Under Test	LXN 7900
Serial Number	1022502151
PA FPGA Version	08.11.00.04
API SW Version	8.4.0
CPRI SW Version	4.gad5798f
POI SW Version	3.6rel
System Kernal Version	3.10.53
Application Version	4.1.2
Manufacturer	Motorola Solutions 2540 Galvin Drive, Elgin, IL 60124

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F1-2: Measurement Uncertainty

Measurement	Frequency	Expanded Uncertainty
RF Power Output	50MHz-10GHz	+/-0.132dB
Carrier Frequency Stability	9kHz-13GHz	+/-0.368Hz
Occupied Bandwidth	9kHz-13GHz	+/-0.52dB
Transmitter Conducted Spurious Emissions	9kHz-13GHz	+/-0.64dB
Radiated Emissions	30MHz-1000MHz	4.3dB
Radiated Emissions	1GHz-6GHz	3.1dB
Radiated Emissions	6GHz-18GHz	3.2dB
Radiated Emissions	18GHz-26.5GHz	3.3dB
Radiated Emissions	26.5GHz-40GHz	3.4dB

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F1-3: Test Results Summary

Test	47 CFR Reference	Results
RF Output Power	2.1046	Pass
Occupied Bandwidth	2.1049	Pass
Conducted Spurious Emissions	2.1051	Pass
Radiated Spurious Emissions	2.1053	Pass
Frequency Stability	2.1055	Pass
Modulation Characteristics	2.1047	Pass

Test Standards:

Title 47 Part 2 of Code of Federal Regulations

Title 47 Part 27 of Code of Federal Regulations

KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.26-2015 American National Standard for Compliance Testing of Transmitters
Used in Licensed Radio Services

ANSI C63.4-2014 American National Standard for Methods of Measurement of Radio-Noise
Emissions from Low-Voltage Electrical and Electronic Equipment in the Range 9 kHz to 40 Ghz

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F1-4 RF Power Output Data per CFR 47 2.1046

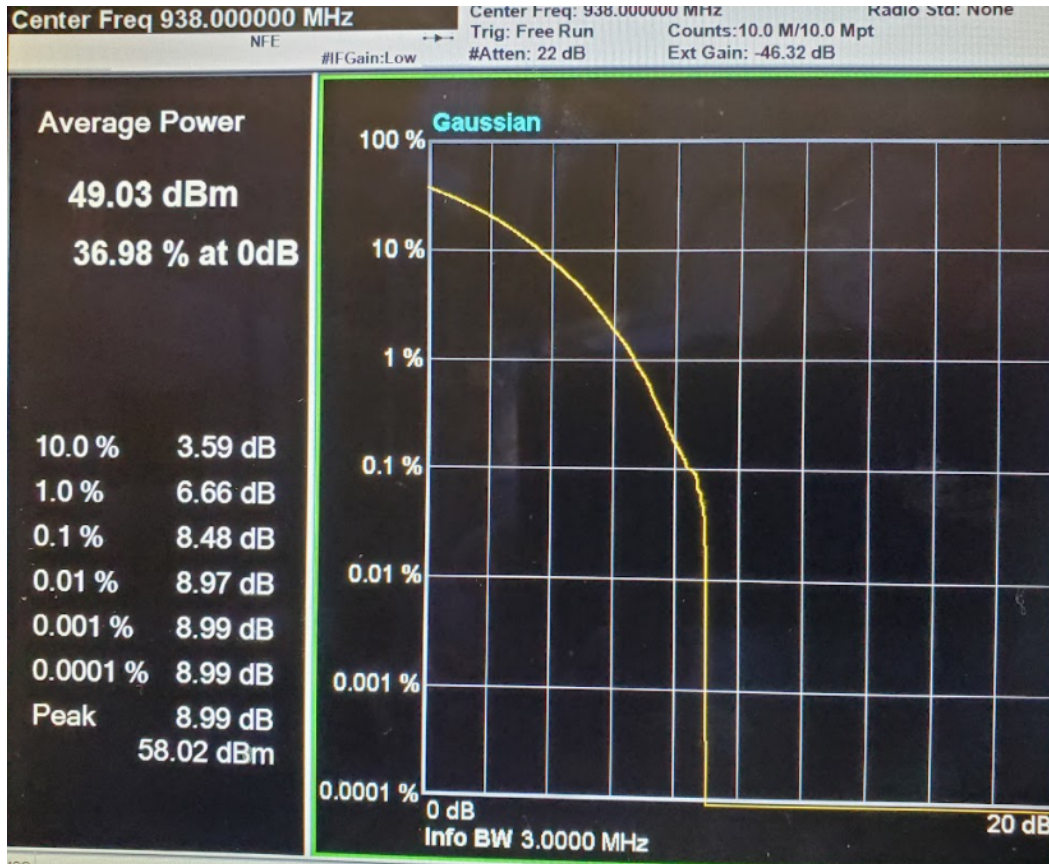
Specification Requirement 47 CFR §27.1507(d) - PAR limit: The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB.

Measurement made with a PXA Signal Analyzer per ANSI C63.26.

Carrier BWs	E-UTRA TM	TX Freq (MHz)	Power Setting (W)	TX1 Power (W)	TX2 Power (W)
3MHz	TM1.1	938	80	76.9	78.5
3MHz	TM1.1	938	5	5.1	4.9
1.4MHz	TM1.1	937.2	80	78.3	77.3
1.4MHz	TM1.1	937.2	5	5.2	4.7
1.4MHz	TM1.1	938.8	80	76.2	75.7
1.4MHz	TM1.1	938.8	5	5	4.9
200kHz	N-TM	936.7	50	49.3	51.2
200kHz	N-TM	936.7	5	4.9	4.9
200kHz	N-TM	939.3	50	48.2	49.7
200kHz	N-TM	939.3	5	5.1	5.0
200kHz	(2) N-TM	936.7/937.0	50	49.0	48.8
200kHz	(2) N-TM	939.0/939.3	50	48.3	48.5
200kHz	(3) N-TM	936.7/937.0/937.3	50	48.4	49.0
200kHz	(3) N-TM	938.7/939.0/939.3	50	48.5	48.9
200kHz	(4) N-TM	936.7/937.0/937.3/937.6	50	48.4	49.2
200kHz	(4) N-TM	938.4/938.7/939.0/939.3	50	48.6	49.1
1.4MHz, 200kHz	TM1.1, N-TM	937.2/939.2	80	76.9	75.9
1.4MHz, 200kHz	TM1.1, (2) N-TM	937.2/939.0/939.3	80	76.9	75.3
1.4MHz, 200kHz	TM1.1, (3) N-TM	937.2/938.7/939.0/939.3	80	76.9	77.6
1.4MHz, 200kHz	TM1.1, (4) N-TM	937.2/938.4/938.7/939.0/939.3	80	77.3	76.9
1.4MHz, 200kHz	N-TM, TM1.1	938.8/936.8	80	74.5	75.9
1.4MHz, 200kHz	(2) N-TM, TM1.1	938.8/936.7/937.0	80	74.5	75.6
1.4MHz, 200kHz	(3) N-TM, TM1.1	938.8/936.7/937.0/937.3	80	74.2	75.0
1.4MHz, 200kHz	(4) N-TM, TM1.1	938.8/936.7/937.0/937.3/937.6	80	75.0	74.9
1.4MHz	(2) TM1.1	937.2/938.8	80	78.2	77.4
1.4MHz, 200kHz	TM1.1, N-TM, TM1.1	937.2/938.8/938.1	80	76.6	75.2

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The peak to average power ratio was characterized using the Power Stat CCDF (Complementary Cumulative Distribution Factor) function on the N9030A PXA signal analyzer. The test was run with 10Mpt setting (sample points for data acquisition). The result for 0.1% was reported per ANSI C63.26-2015 5.2.3.4



Sample plot - 3MHz BW

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

Carrier BWs	E-UTRA TM	TX Freq (MHz)	Power Setting (W)	TX1 PAPR 0.1%	TX2 PAPR 0.1%
3MHz	TM1.1	938	80	8.48	8.46
3MHz	TM1.1	938	5	8.33	8.42
1.4MHz	TM1.1	937.2	80	8.39	8.34
1.4MHz	TM1.1	937.2	5	8.37	8.32
1.4MHz	TM1.1	938.8	80	8.37	8.35
1.4MHz	TM1.1	938.8	5	8.32	8.35
200kHz	N-TM	936.7	50	8.44	8.40
200kHz	N-TM	936.7	5	8.04	8.43
200kHz	N-TM	939.3	50	7.80	8.44
200kHz	N-TM	939.3	5	8.33	8.14
200kHz	(2) N-TM	936.7/937.0	50	8.45/8.57	8.23/8.40
200kHz	(2) N-TM	939.0/939.3	50	8.64/8.13	8.70/8.40
200kHz	(3) N-TM	936.7/937.0/937.3	50	8.62/7.89/8.45	8.60/8.39/7.91
200kHz	(3) N-TM	938.7/939.0/939.3	50	8.42/8.18/7.85	8.47/ 7.92/8.16
200kHz	(4) N-TM	936.7/937.0/937.3/937.6	50	8.75/7.94/8.22/7.49	8.49/8.44/8.19/8.10
200kHz	(4) N-TM	938.4/938.7/939.0/939.3	50	8.40/7.96/8.23/7.58	8.14/8.45/8.30/7.98
1.4MHz, 200kHz	TM1.1, N-TM	937.2/939.2	80	8.26/7.76	8.27/8.01
1.4MHz, 200kHz	TM1.1, (2) N-TM	937.2/939.0/939.3	80	8.26/7.77/8.17	8.31/8.43/8.05
1.4MHz, 200kHz	TM1.1 ,(3) N-TM	937.2/938.7/939.0/939.3	80	8.31/8.25/8.02/7.62	8.3/8.49/8.07/7.82
1.4MHz, 200kHz	TM1.1, (4) N-TM	937.2/938.4/938.7/939.0/939.3	80	8.31/8.59/8.36/8.07/8.21	8.32/8.04/8.08/8.12/8.15
1.4MHz, 200kHz	N-TM, TM1.1	938.8/936.8	80	8.26/8.37	8.24/8.34
1.4MHz, 200kHz	(2) N-TM, TM1.1	938.8/936.7/937.0	80	8.31/8.44/8.23	8.31/8.44/8.36
1.4MHz, 200kHz	(3) N-TM, TM1.1	938.8/936.7/937.0/937.3	80	8.28/8.22/8.45/7.98	8.39/7.94/8.09/7.79
1.4MHz, 200kHz	(4) N-TM, TM1.1	938.8/936.7/937.0/937.3/937.6	80	8.21/7.73/8.1/8.00/8.23	8.21/7.82/8.04/8.02/8.17
1.4MHz	(2) TM1.1	937.2/938.8	80	8.31/8.35	8.33/8.29
1.4MHz, 200kHz	TM1.1, N-TM, TM1.1	937.2/938.8/938.0	80	8.41/7.98/8.41	8.41/8.30/8.38

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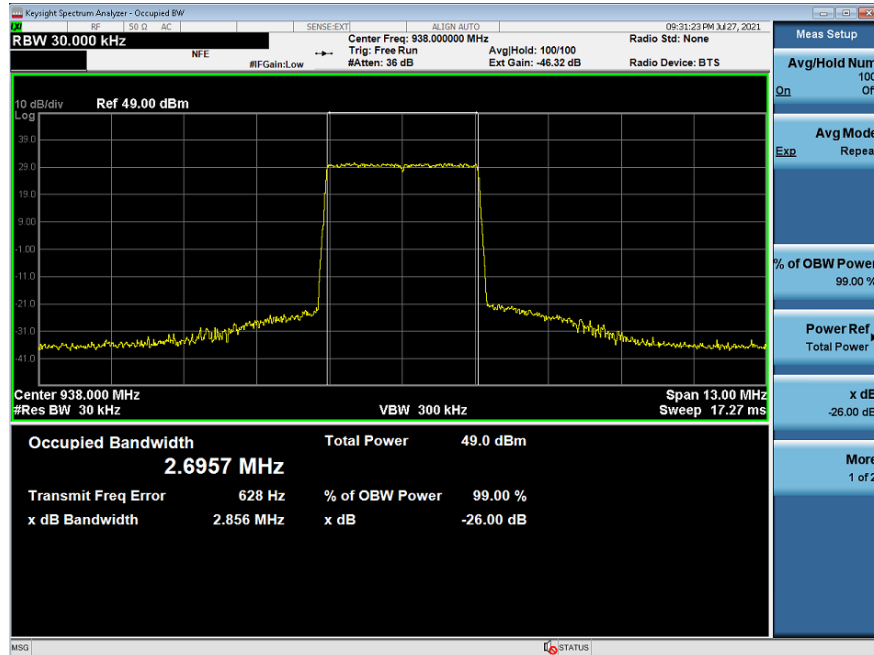
F1-5 Occupied bandwidth per CFR 47 2.1049

Measurement made with a PXA Signal Analyzer per ANSI C63.26.

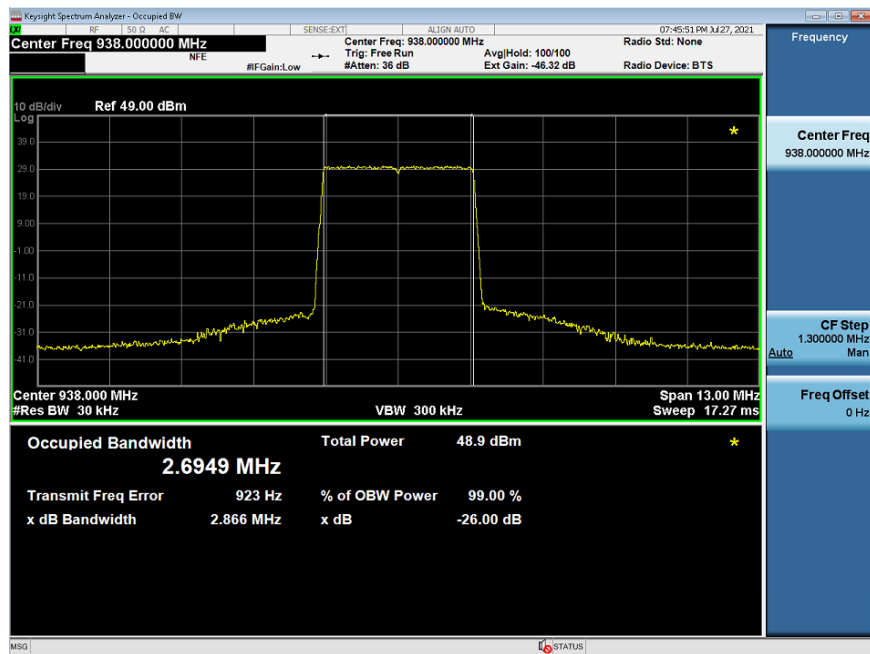
Carrier BWs	E-UTRA TM	TX Freq (MHz)	Power Setting (W)	TX1 Occ BW (MHz)	TX2 Occ BW (MHz)
3MHz	TM1.1	938	80	2.696	2.695
1.4MHz	TM1.1	937.2	80	1.099	1.098
1.4MHz	TM1.1	938.8	80	1.091	1.091
1.4MHz	(2) TM1.1	937.2/938.8	80	2.682	2.681
1.4MHz, 200kHz	(2) TM1.1, N-TM	937.3/938.8/938	80	2.674	2.673
200kHz	N-TM	936.7	50	0.2036	0.2043
200kHz	(2) N-TM	936.7/937.0	50	0.4929	0.4923
200kHz	(3) N-TM	936.7/937/937.3	50	0.7890	0.7876
200kHz	(4) N-TM	936.7/937/937.3/937.6	50	1.082	1.081
200kHz	N-TM	939.3	50	0.1905	0.1906
200kHz	(2) N-TM	939.0/939.3	50	0.4834	0.4836
200kHz	(3) N-TM	938.7/939.0/939.3	50	0.7803	0.7795
200kHz	(4) N-TM	938.4/938.7/939.0/939.3	50	1.075	1.076

EXHIBIT	DESCRIPTION
F1-5.1	Occupied Bandwidth, 3MHz Tx1
F1-5.2	Occupied Bandwidth, 3MHz Tx2
F1-5.3	Occupied Bandwidth, 1.4MHz Tx1
F1-5.4	Occupied Bandwidth, 1.4MHz Tx2
F1-5.5	Occupied Bandwidth, 2x1.4MHz Tx1
F1-5.6	Occupied Bandwidth, 2x1.4MHz Tx2
F1-5.7	Occupied Bandwidth, 2x1.4MHz+200kHz Tx1
F1-5.8	Occupied Bandwidth, 2x1.4MHz+200kHz Tx2
F1-5.9	Occupied Bandwidth, 200kHz Tx1
F1-5.10	Occupied Bandwidth, 200kHz Tx2
F1-5.11	Occupied Bandwidth, 2x200kHz Tx1
F1-5.12	Occupied Bandwidth, 2x200kHz Tx2
F1-5.13	Occupied Bandwidth, 3x200kHz Tx1
F1-5.14	Occupied Bandwidth, 3x200kHz Tx2
F1-5.15	Occupied Bandwidth, 4x200kHz Tx1
F1-5.16	Occupied Bandwidth, 4x200kHz Tx2

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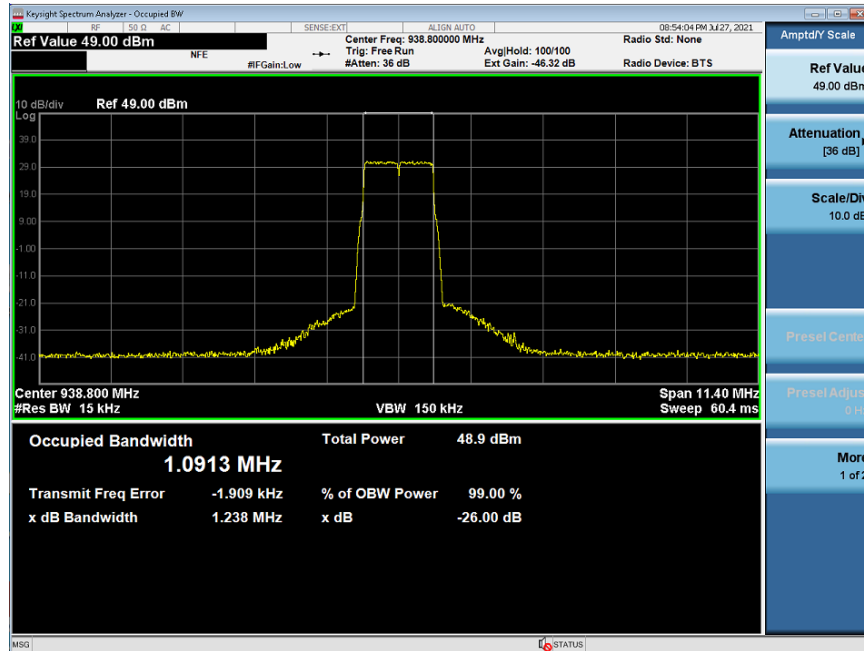


F1-5.1 Occupied Bandwidth, 3MHz Tx

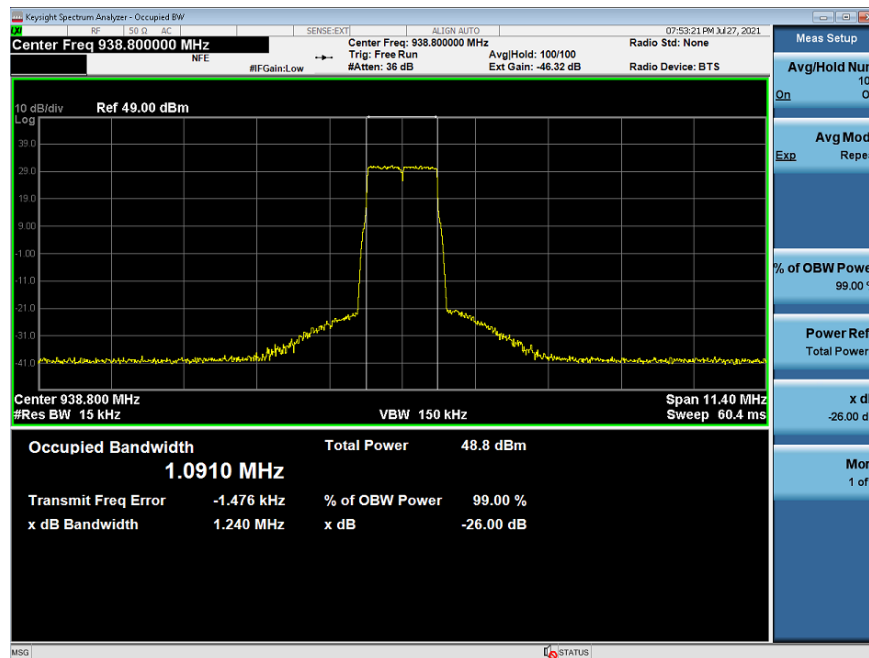


F1-5.2 Occupied Bandwidth, 3MHz Tx2

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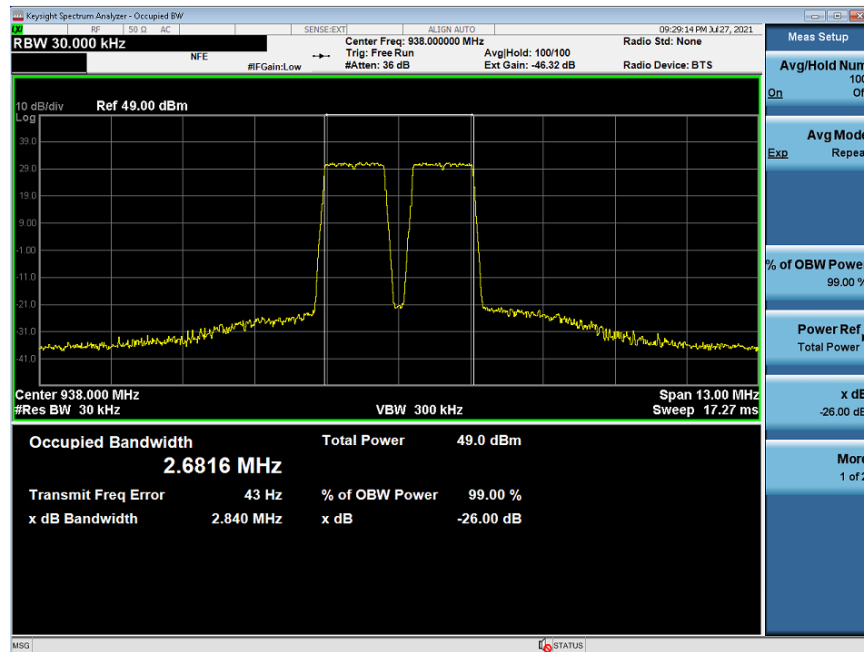


F1-5.3 Occupied Bandwidth, 1.4MHz Tx1

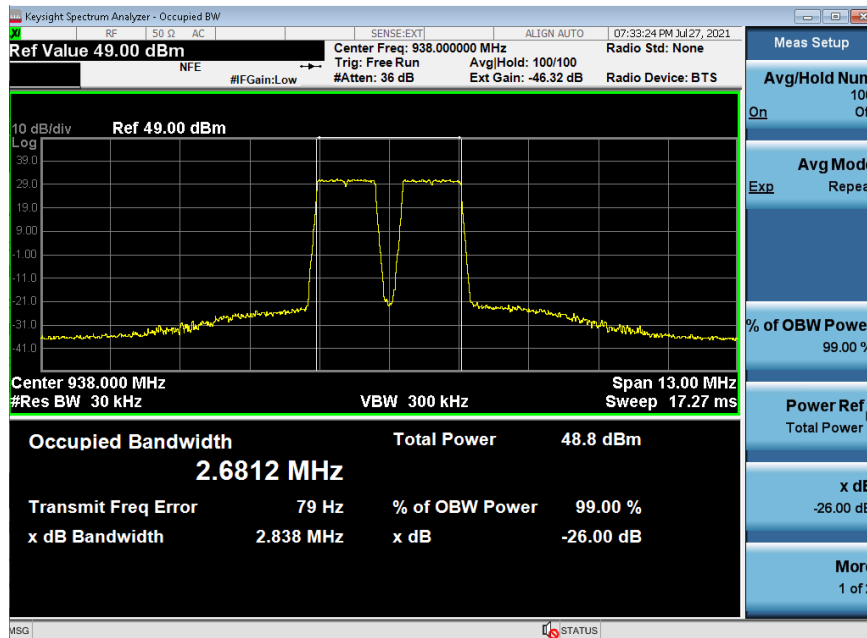


F1-5.4 Occupied Bandwidth, 1.4MHz Tx2

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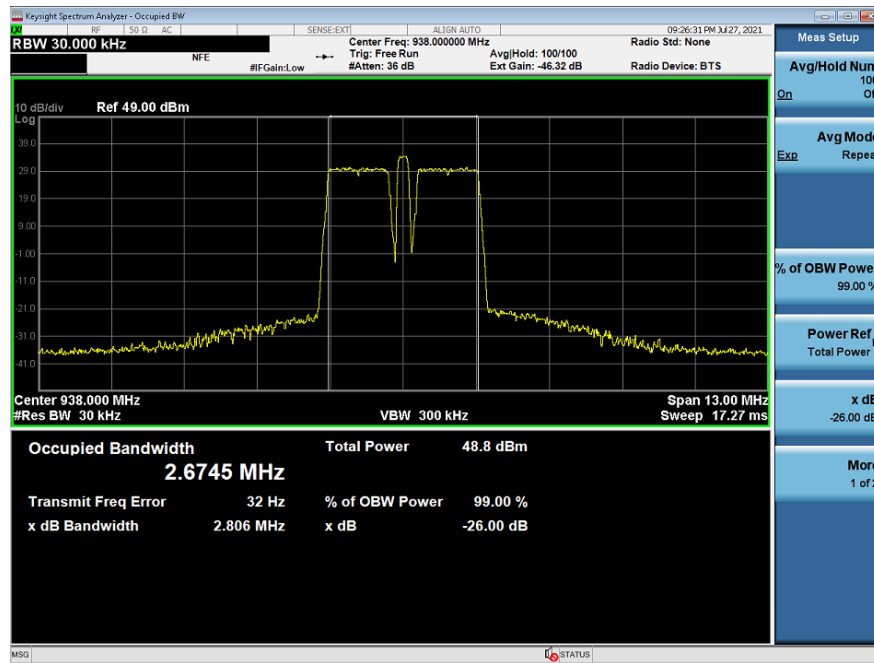


F1-5.5 Occupied Bandwidth, 2x1.4MHz Tx1

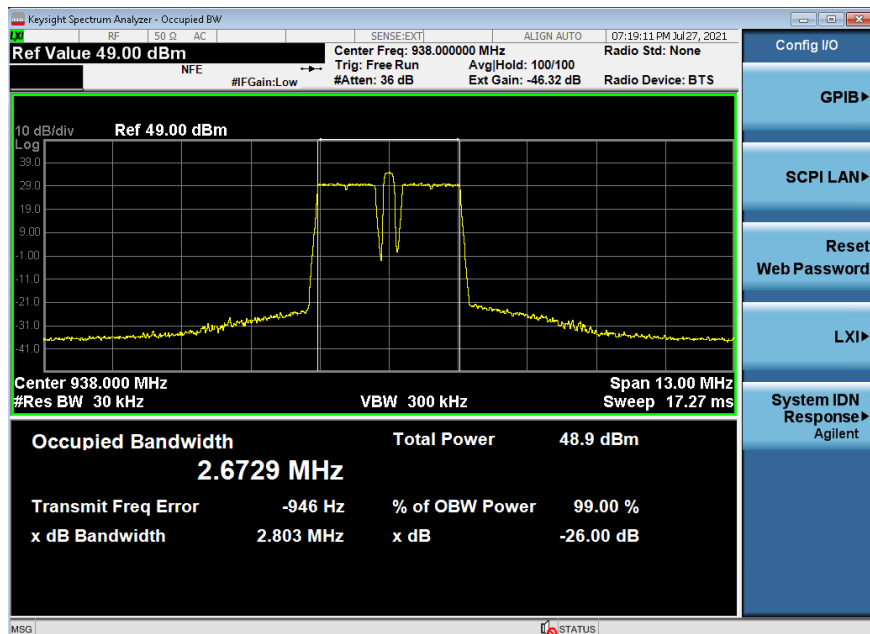


F1-5.6 Occupied Bandwidth, 2x1.4MHz Tx2

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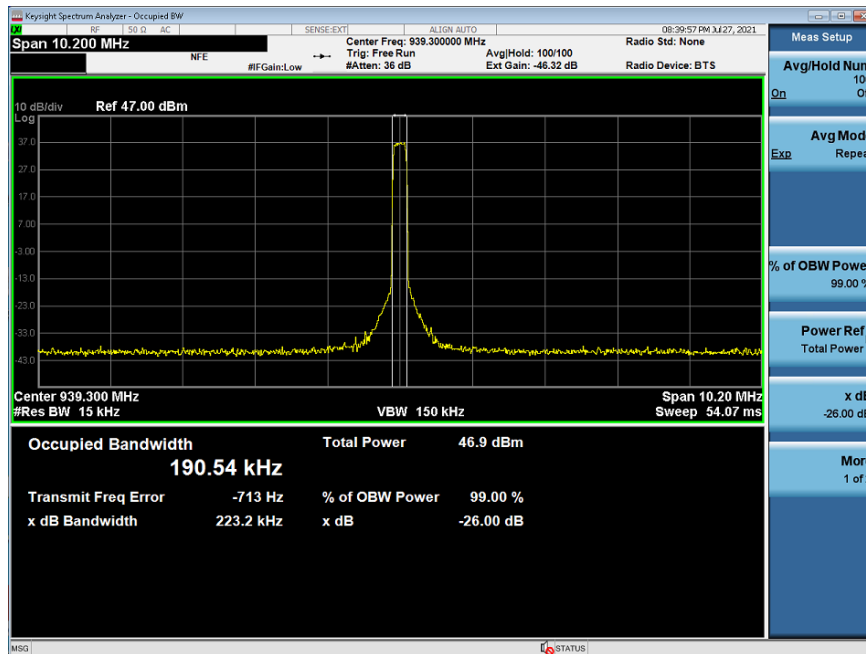


F1-5.7 Occupied Bandwidth, 2x1.4MHz+200kHz Tx1

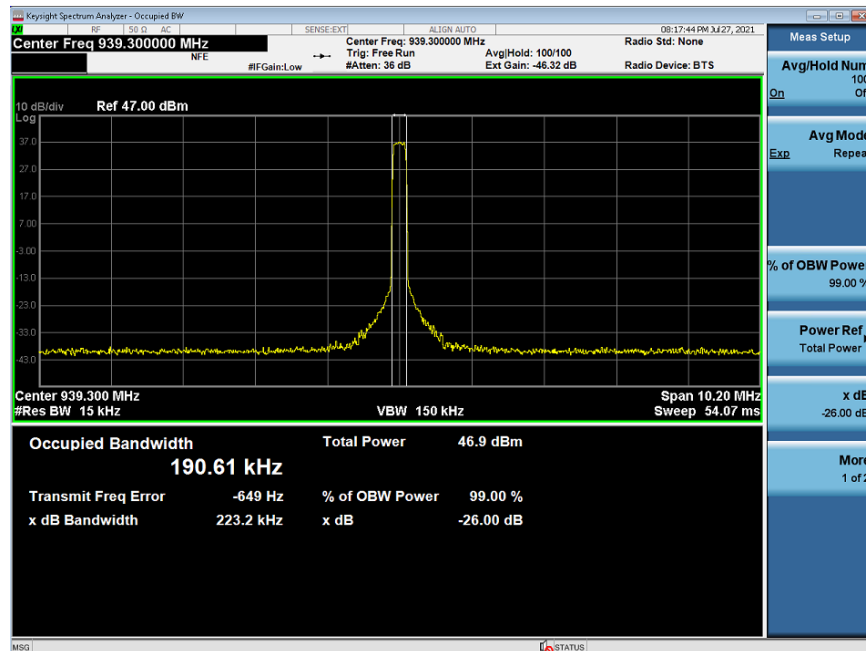


F1-5.8 Occupied Bandwidth, 2x1.4MHz+200kHz Tx2

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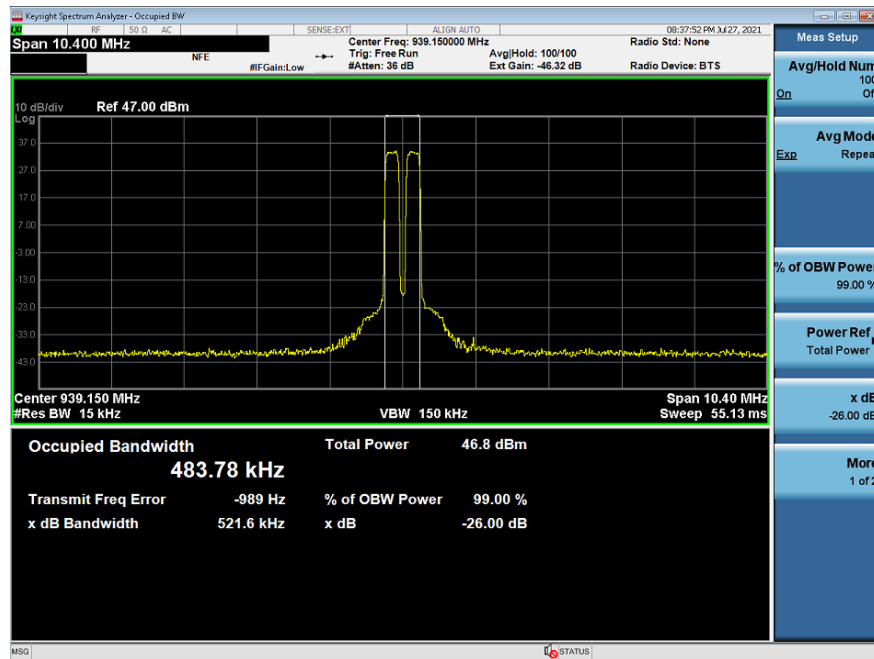


F1-5.9 Occupied Bandwidth, 200kHz Tx1

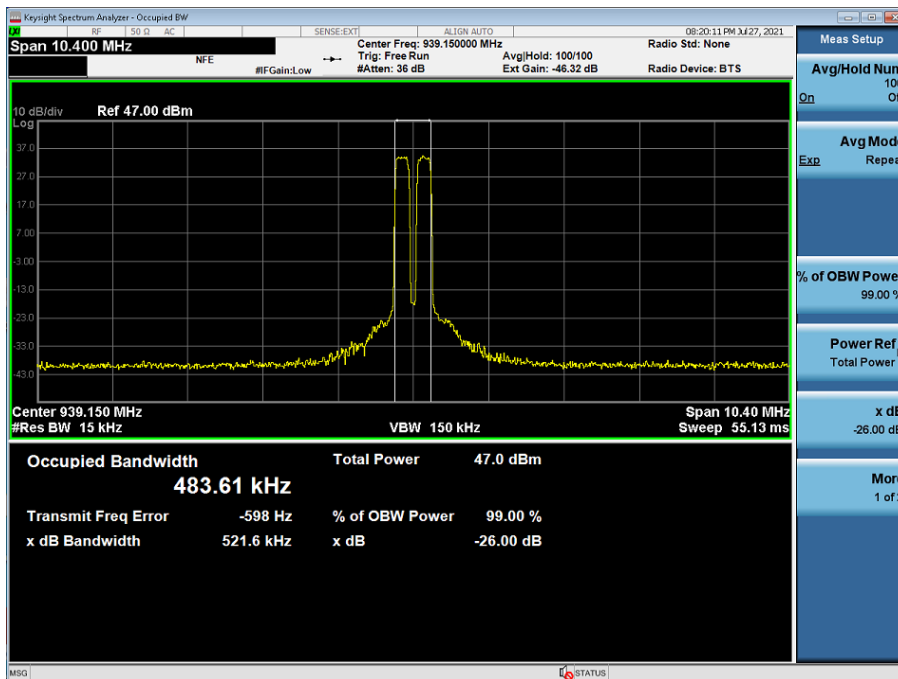


F1-5.10 Occupied Bandwidth, 200kHz Tx2

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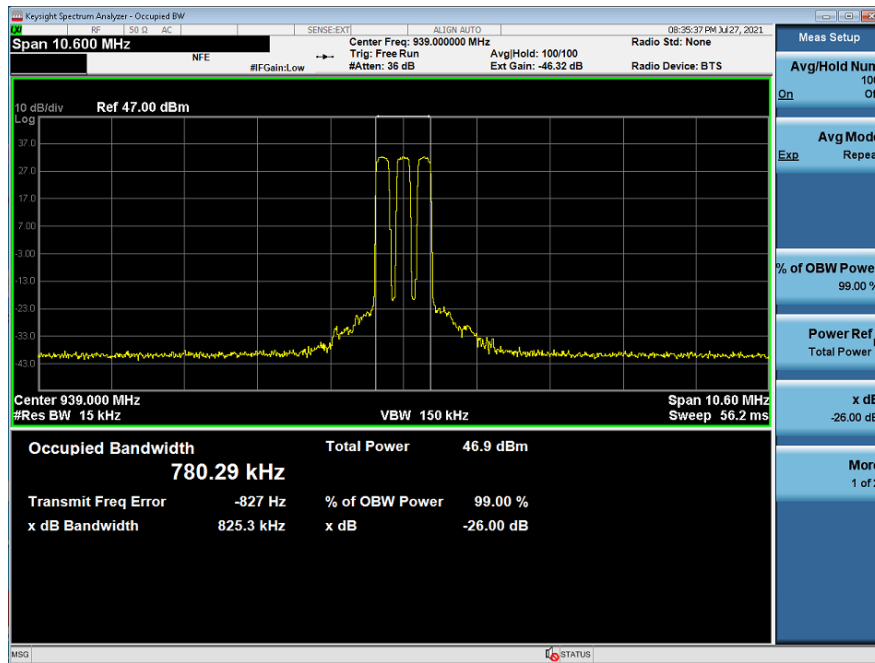


F1-5.11 Occupied Bandwidth, 2x200kHz Tx1

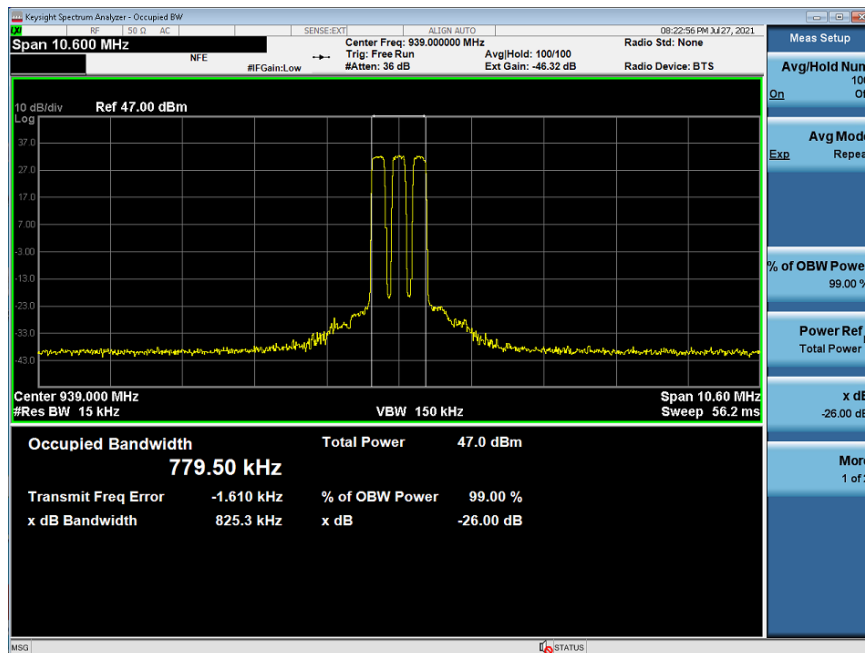


F1-5.12 Occupied Bandwidth, 2x200kHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

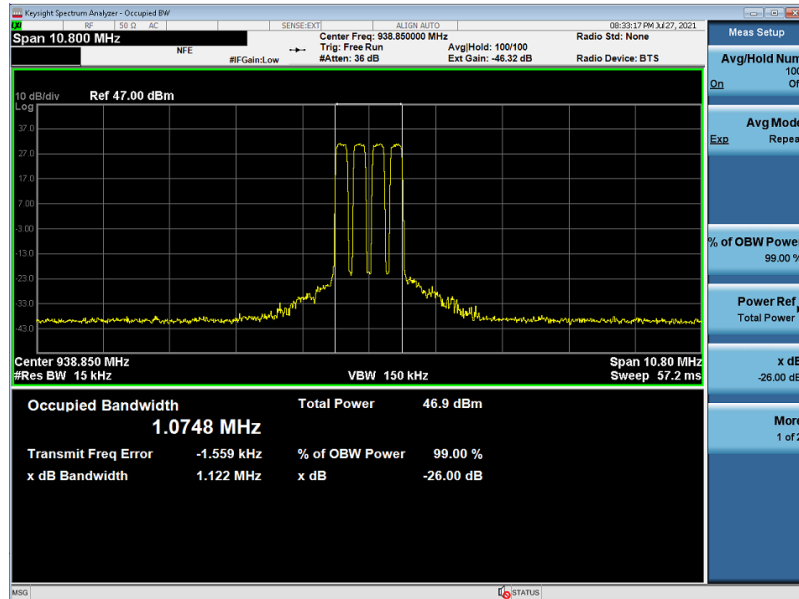


F1-5.13 Occupied Bandwidth, 3x200kHz Tx1

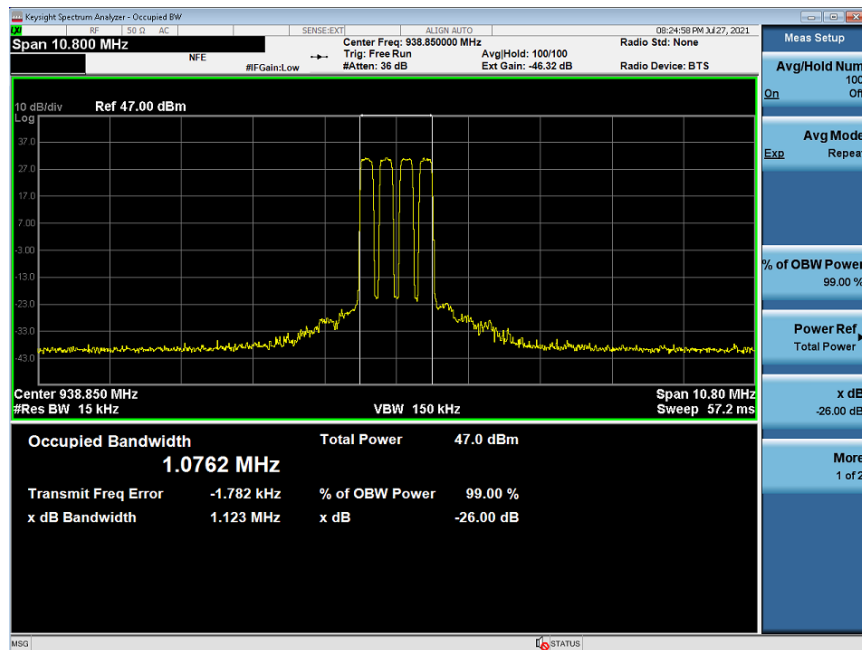


F1-5.14 Occupied Bandwidth, 3x200kHz Tx2

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F1-5.15 Occupied Bandwidth, 4x200kHz Tx1



F1-5.16 Occupied Bandwidth, 4x200kHz Tx2

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F1.6 Conducted Spurious Emissions - close-in per CFR 47 2.1051

Specification Requirement 47 CFR §27.1509(b) - Emission Limits:

The power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least the following amounts:

(b) For 900 MHz broadband operations in the 936.5-939.5 MHz band, by at least $50 + 10 \log (P)$ dB.

Measurement made with a PXA Signal Analyzer per ANSI C63.26.

EXHIBIT	DESCRIPTION
F1-6.1	Conducted Spurious Emissions, Power Output 80 Watts,3MHz BW, 938MHz Tx1
F1-6.2	Conducted Spurious Emissions, Power Output 80 Watts,3MHz BW, 938MHz Tx2
F1-6.3	Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW, 937.2MHz Tx1
F1-6.4	Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW, 937.2MHz Tx2
F1-6.5	Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW, 938.8MHz Tx1
F1-6.6	Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW, 938.8MHz Tx2
F1-6.7	Conducted Spurious Emissions, Power Output 80 Watts,2x1.4MHz BW, 937.2/938.8MHz Tx1
F1-6.8	Conducted Spurious Emissions, Power Output 80 Watts,2x1.4MHz BW, 937.2/938.8MHz Tx2
F1-6.9	Conducted Spurious Emissions, Power Output 80 Watts,2x1.4MHz BW + NBLoT, 937.3/938.8/938MHz Tx1
F1-6.10	Conducted Spurious Emissions, Power Output 80 Watts,2x1.4MHz BW + NBLoT, 937.3/938.8/938MHz Tx2
F1-6.11	Conducted Spurious Emissions, Power Output 50 Watts,NBLoT, 936.7MHz Tx1
F1-6.12	Conducted Spurious Emissions, Power Output 50 Watts,NBLoT, 936.7MHz Tx2
F1-6.13	Conducted Spurious Emissions, Power Output 50 Watts,2xNBLoT, 936.7/937MHz Tx1
F1-6.14	Conducted Spurious Emissions, Power Output 50 Watts,2xNBLoT, 936.7/937MHz Tx2
F1-6.15	Conducted Spurious Emissions, Power Output 50 Watts,3xNBLoT, 936.7/937/937.3MHz Tx1
F1-6.16	Conducted Spurious Emissions, Power Output 50 Watts,3xNBLoT,

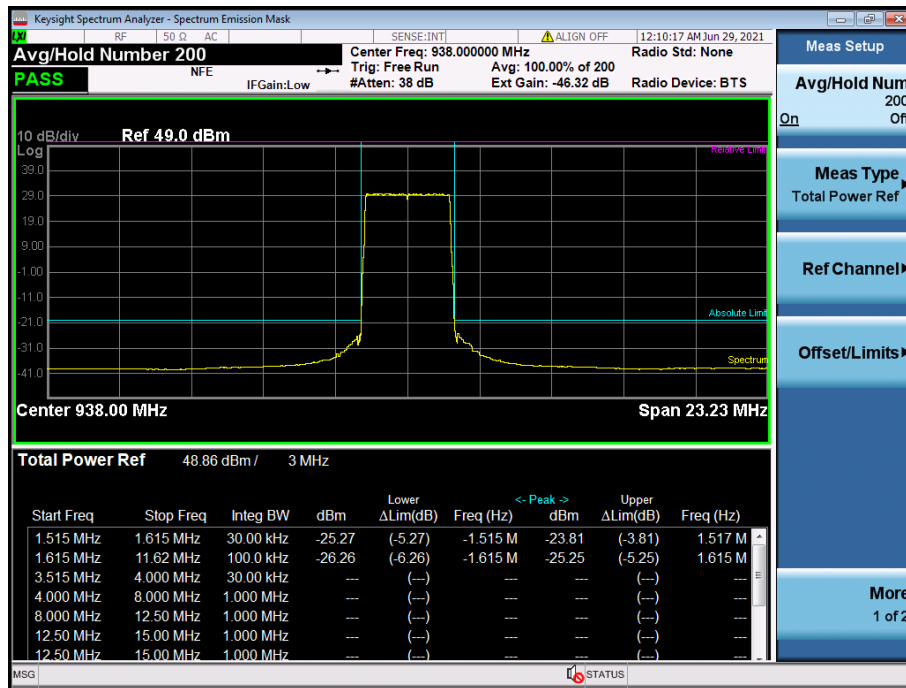
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- 936.7/937/937.3MHz Tx2
- F1-6.17 Conducted Spurious Emissions, Power Output 50 Watts,4xNBloT, 936.7/937/937.3/937.6MHz Tx1
- F1-6.18 Conducted Spurious Emissions, Power Output 50 Watts,4xNBloT, 936.7/937/937.3/937.6MHz Tx2
- F1-6.19 Conducted Spurious Emissions, Power Output 50 Watts,NBloT, 939.3MHz Tx1
- F1-6.20 Conducted Spurious Emissions, Power Output 50 Watts,NBloT, 939.3MHz Tx2
- F1-6.21 Conducted Spurious Emissions, Power Output 50 Watts,2xNBloT, 939/939.3MHz Tx1
- F1-6.22 Conducted Spurious Emissions, Power Output 50 Watts,2xNBloT, 939/939.3MHz Tx2
- F1-6.23 Conducted Spurious Emissions, Power Output 50 Watts,3xNBloT, 938.7/939/939.3MHz Tx1
- F1-6.24 Conducted Spurious Emissions, Power Output 50 Watts,3xNBloT, 938.7/939/939.3MHz Tx2
- F1-6.25 Conducted Spurious Emissions, Power Output 50 Watts,4xNBloT, 938.4/938.7/939/939.3MHz Tx1
- F1-6.26 Conducted Spurious Emissions, Power Output 50 Watts,4xNBloT, 938.4/938.7/939/939.3MHz Tx2
- F1-6.27 Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW + 2xNBloT, 937.2/939.0/939.3MHz Tx1
- F1-6.28 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 2xNBloT, 937.2/939.0/939.3MHz Tx2
- F1-6.29 Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW + 3xNBloT, 937.2/938.7/939.0/939.3MHz Tx1
- F1-6.30 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 3xNBloT, 937.2/938.7/939.0/939.3MHz Tx2
- F1-6.31 Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW + 4xNBloT, 937.2/938.4/938.7/939.0/939.3MHz Tx1
- F1-6.32 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 4xNBloT, 937.2/938.4/938.7/939.0/939.3MHz Tx2
- F1-6.33 Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW + 2xNBloT, 938.8/936.7/937.0MHz Tx1
- F1-6.34 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 2xNBloT, 938.8/936.7/937.0MHz Tx2
- F1-6.35 Conducted Spurious Emissions, Power Output 80 Watts,1.4MHz BW + 3xNBloT, 938.8/936.7/937.0/937.3MHz Tx1
- F1-6.36 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 3xNBloT, 938.8/936.7/937.0/937.3MHz Tx2

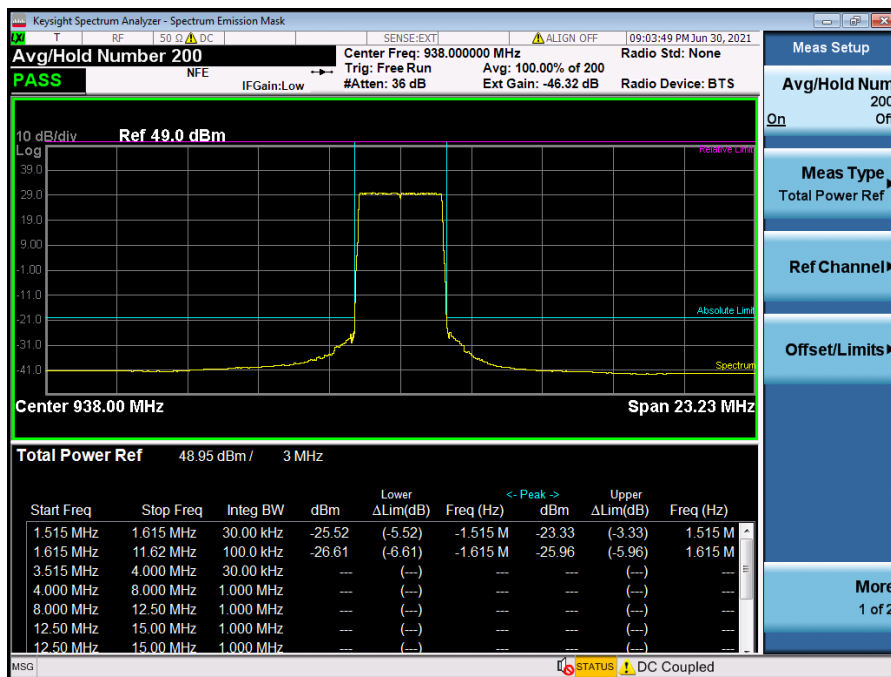
Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

- F1-6.37 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 4xNBloT, 938.8/936.7/937.0/937.3/937.6MHz Tx1
- F1-6.38 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 4xNBloT, 938.8/936.7/937.0/937.3/937.6MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

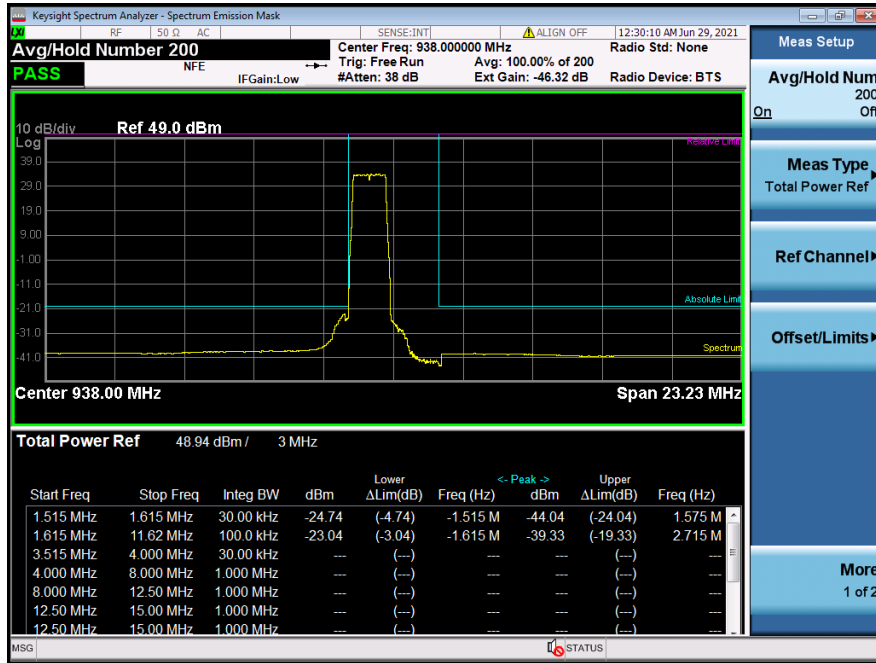


F1-6.1 Conducted Spurious Emissions, Power Output 80 Watts, 3MHz BW, 938MHz Tx1

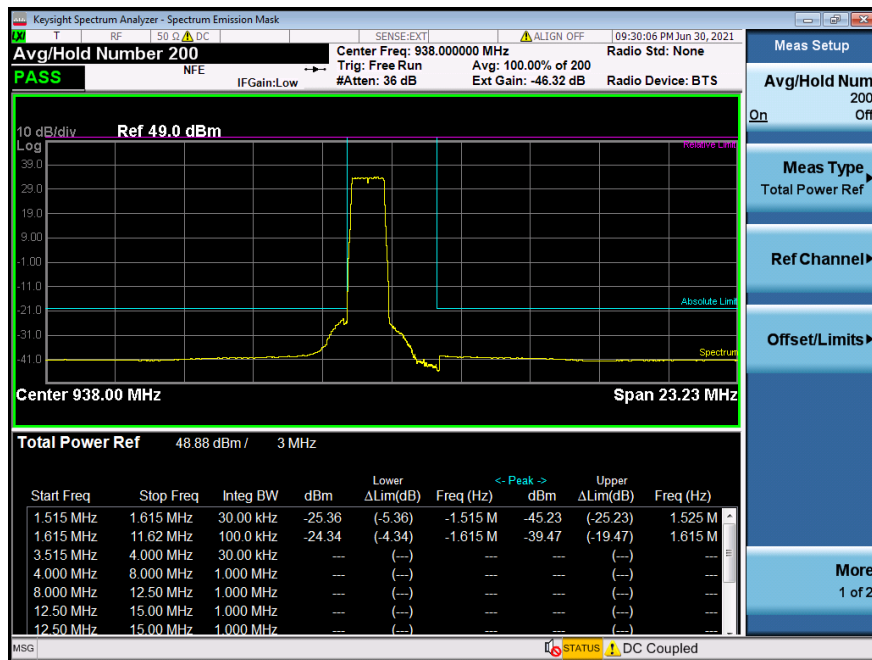


Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

F1-6.2 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW, 938.8MHz Tx2

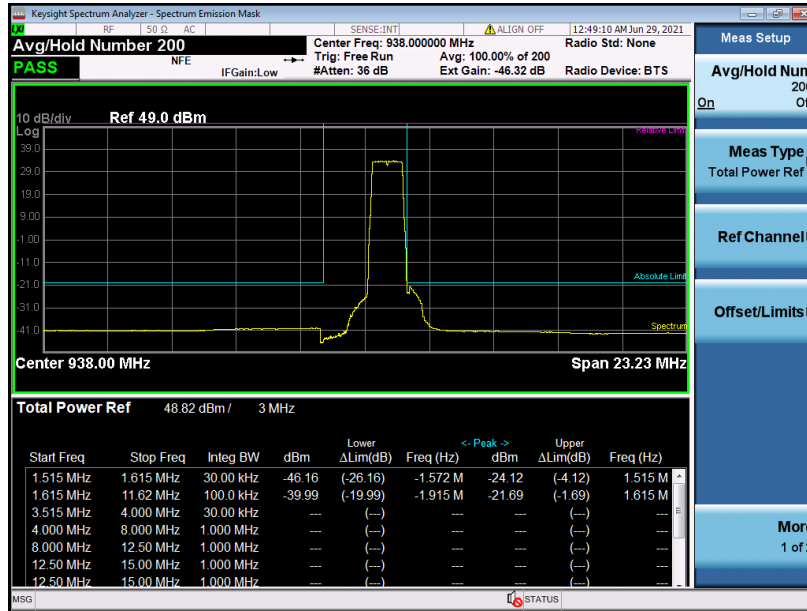


F1-6.3 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW, 937.2MHz Tx1

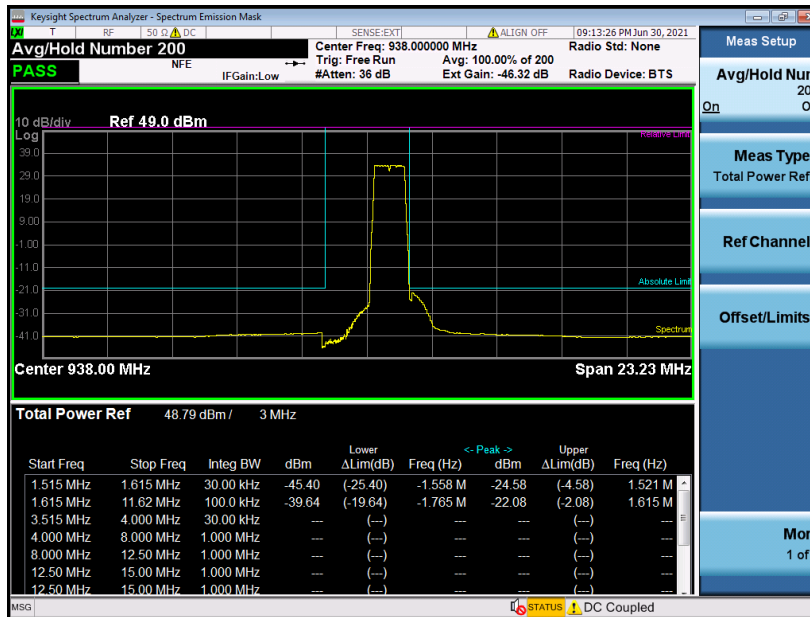


Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

F1-6.4 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW, 937.2MHz Tx2

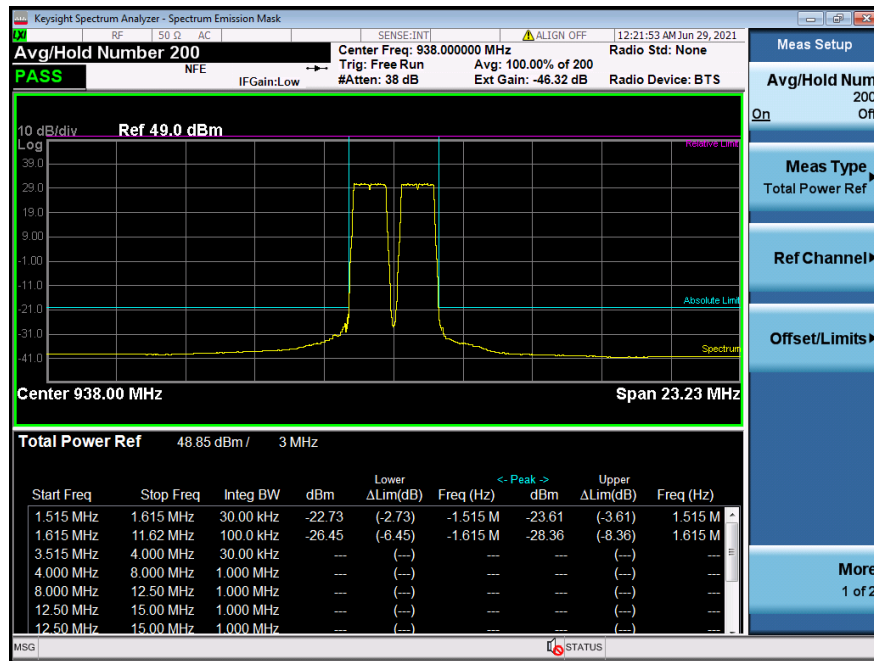


F1-6.5 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW, 938.8MHz Tx1

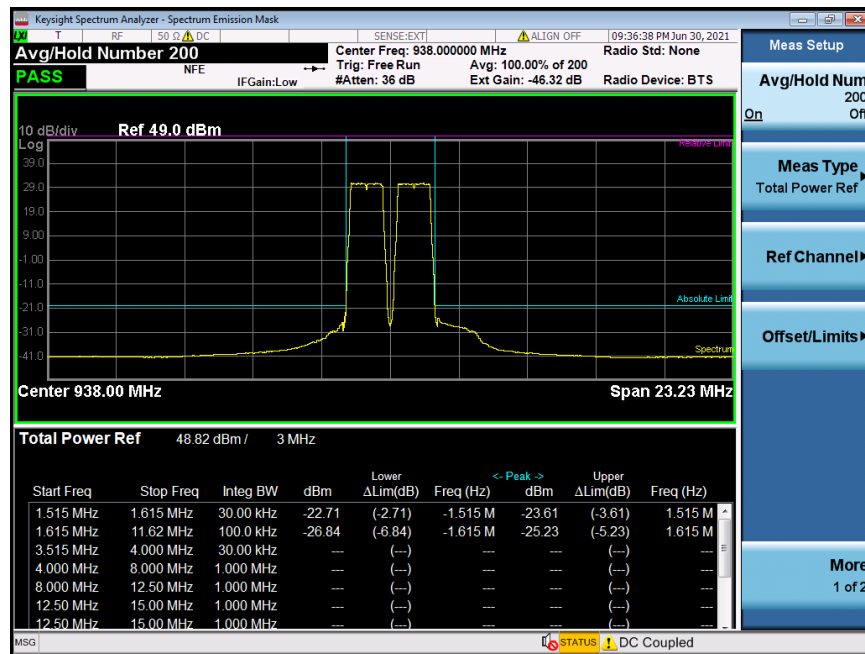


F1-6.6 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW, 938.8MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

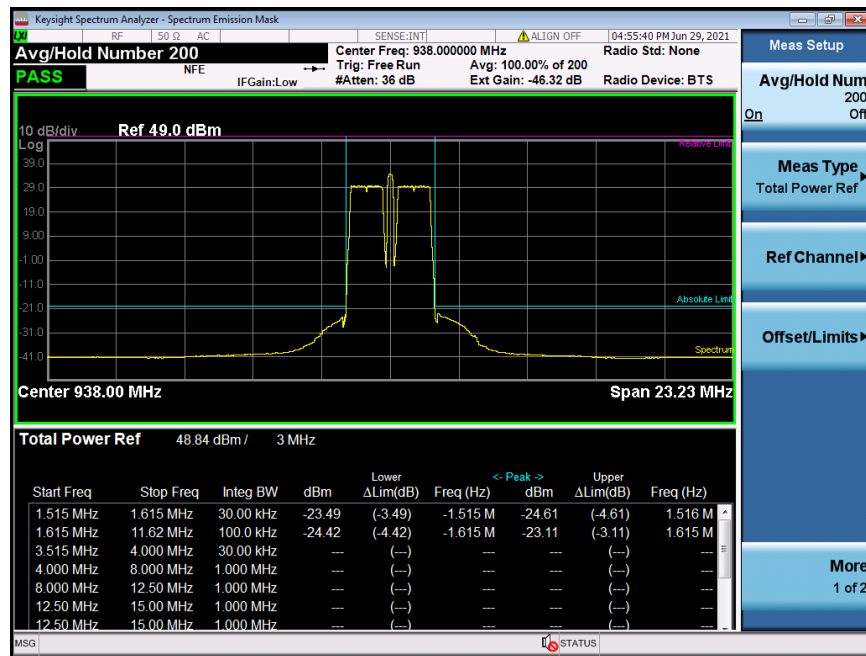


F1-6.7 Conducted Spurious Emissions, Power Output 80 Watts, 2x1.4MHz BW, 937.2/938.8MHz Tx1

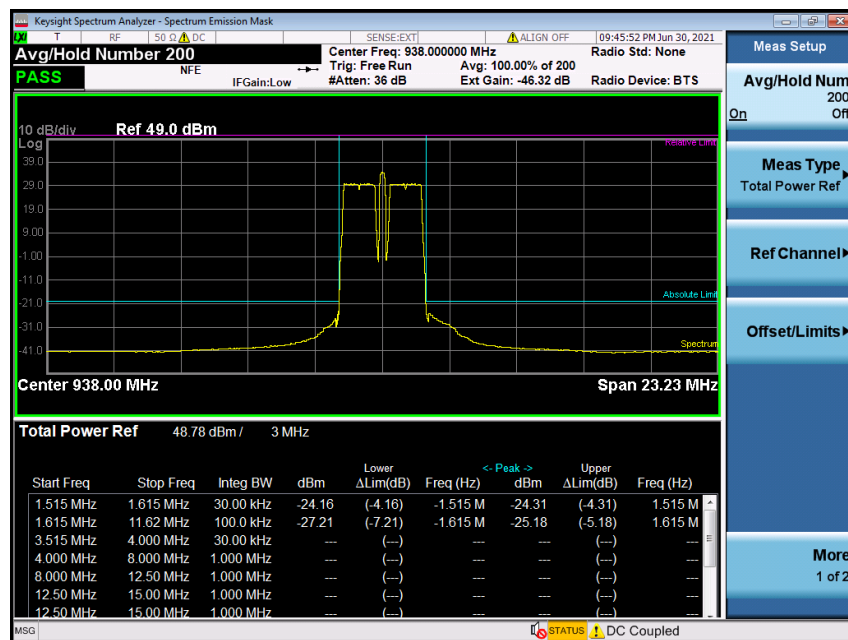


F1-6.8 Conducted Spurious Emissions, Power Output 80 Watts, 2x1.4MHz BW, 937.2/938.8MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

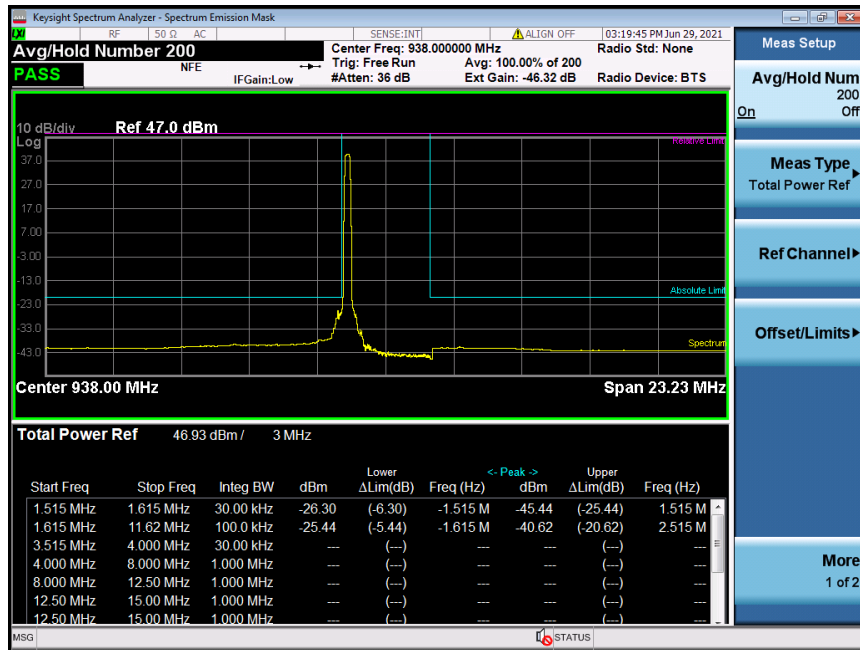


F1-6.9 Conducted Spurious Emissions, Power Output 80 Watts, 2x1.4MHz BW + NB IoT, 937.3/938.8/938MHz Tx1

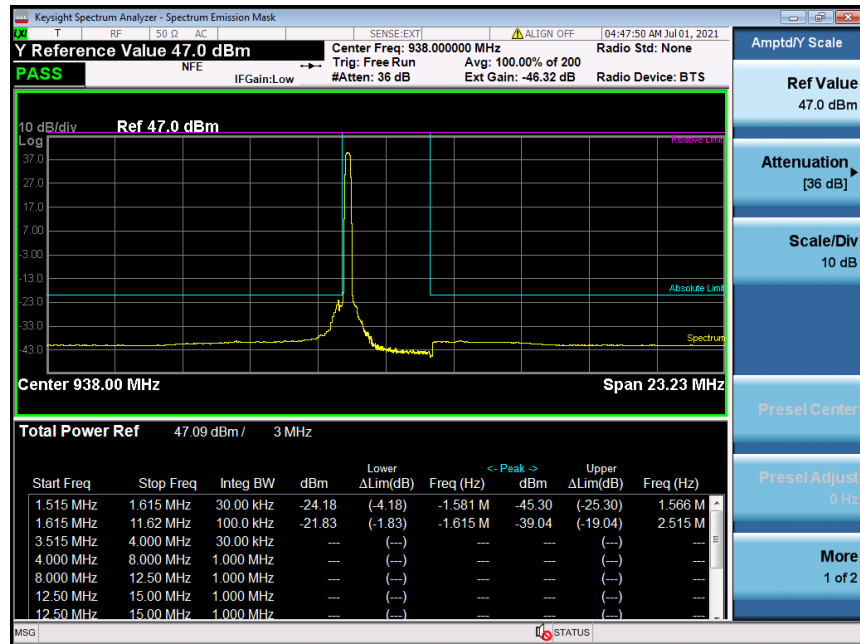


F1-6.10 Conducted Spurious Emissions, Power Output 80 Watts, 2x1.4MHz BW + NB IoT, 937.3/938.8/938MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

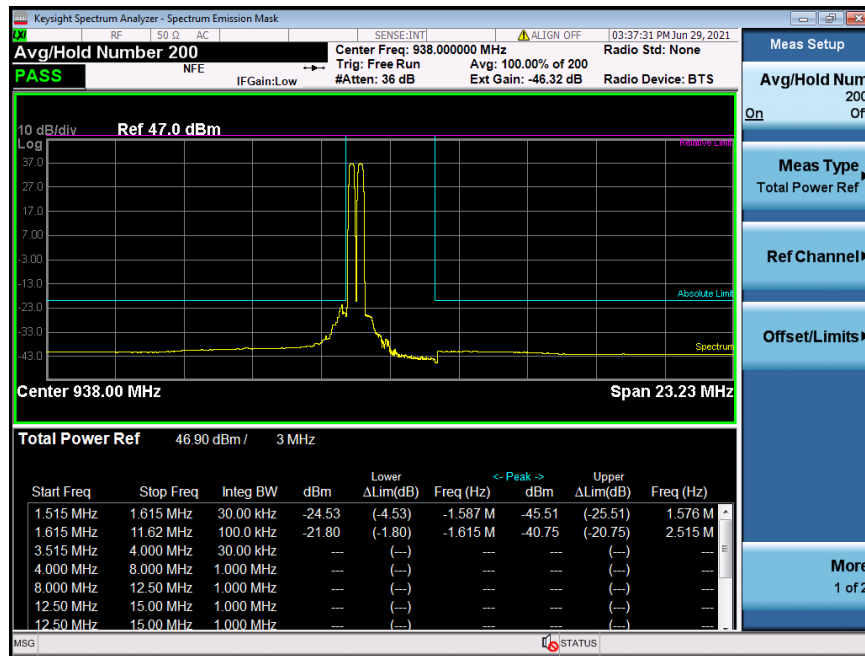


F1-6.11 Conducted Spurious Emissions, Power Output 50 Watts, NB IoT, 936.7 MHz Tx1

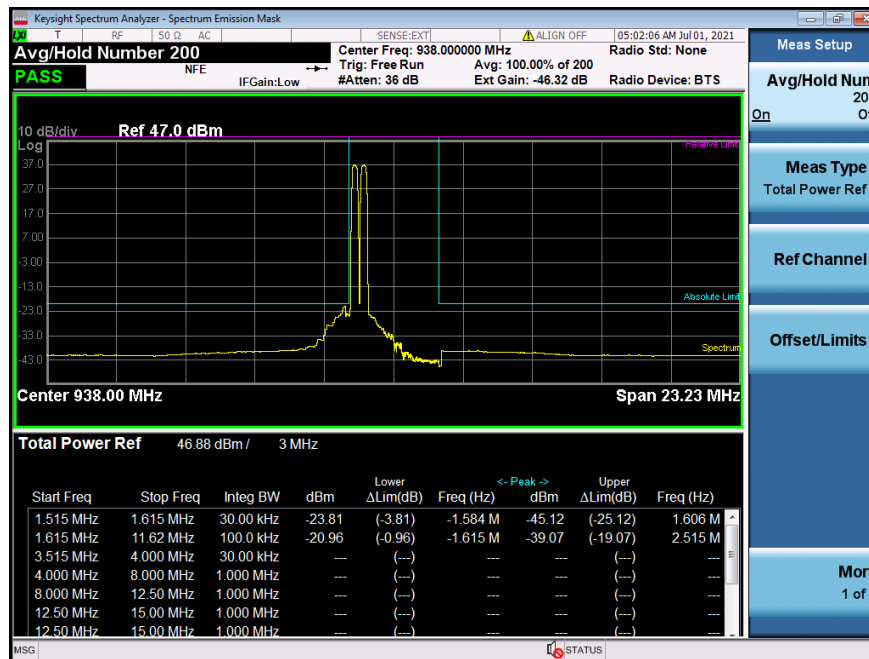


F1-6.12 Conducted Spurious Emissions, Power Output 50 Watts, NB IoT, 936.7 MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

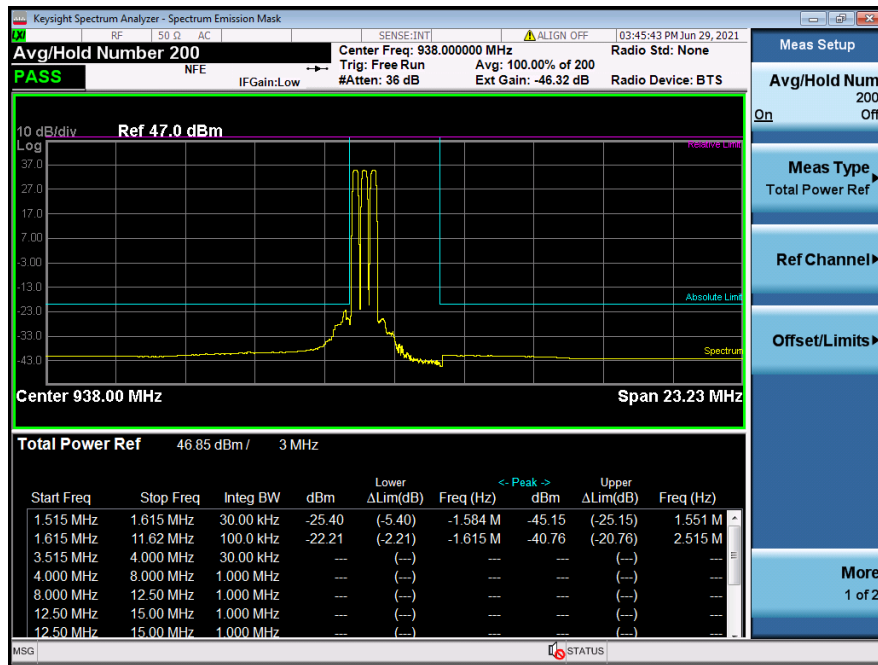


F1-6.13 Conducted Spurious Emissions, Power Output 50 Watts, 2xNB IoT, 936.7/937MHz Tx1

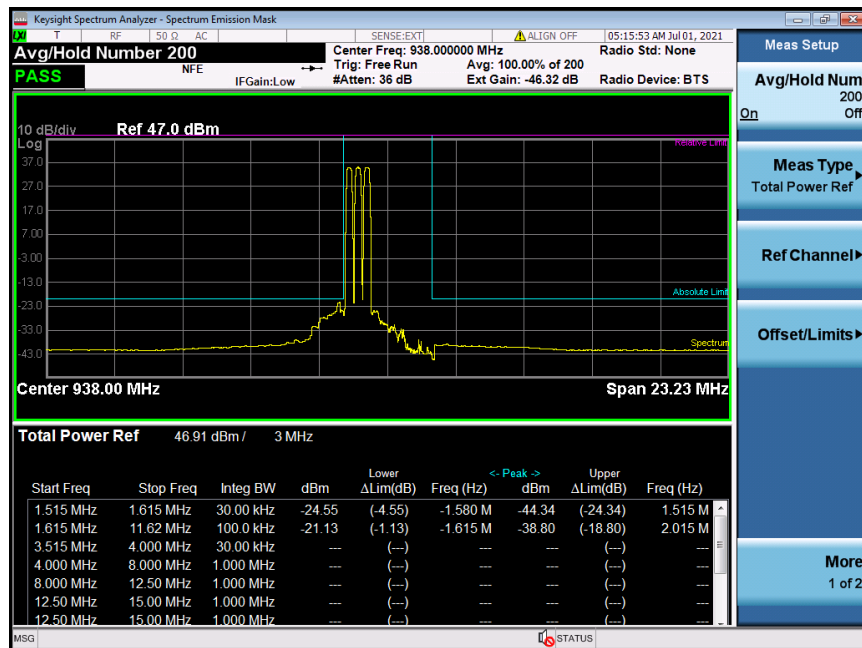


F1-6.14 Conducted Spurious Emissions, Power Output 50 Watts, 2xNB IoT, 936.7/937MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

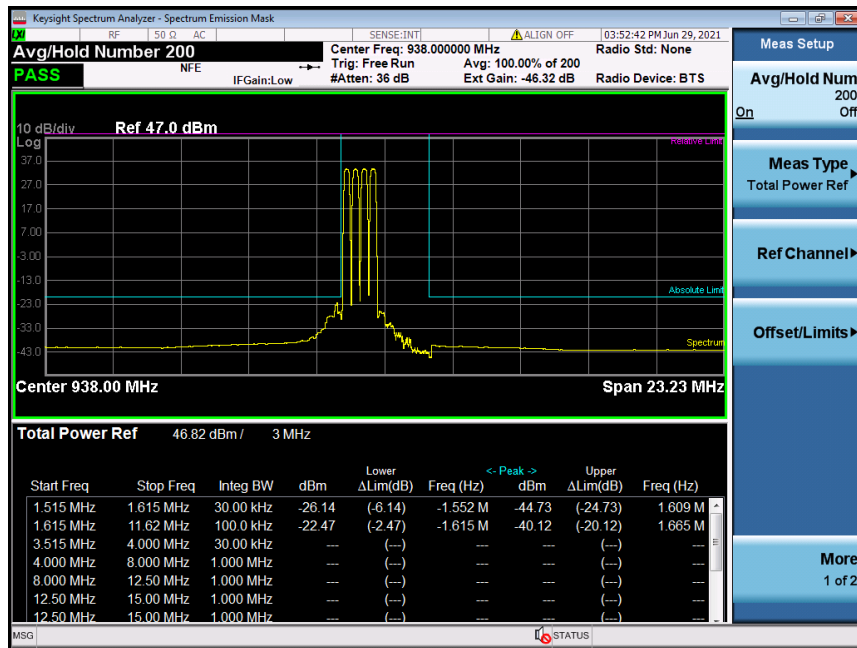


F1-6.15 Conducted Spurious Emissions, Power Output 50 Watts, 3xNB IoT, 936.7/937/937.3 MHz
 Tx1

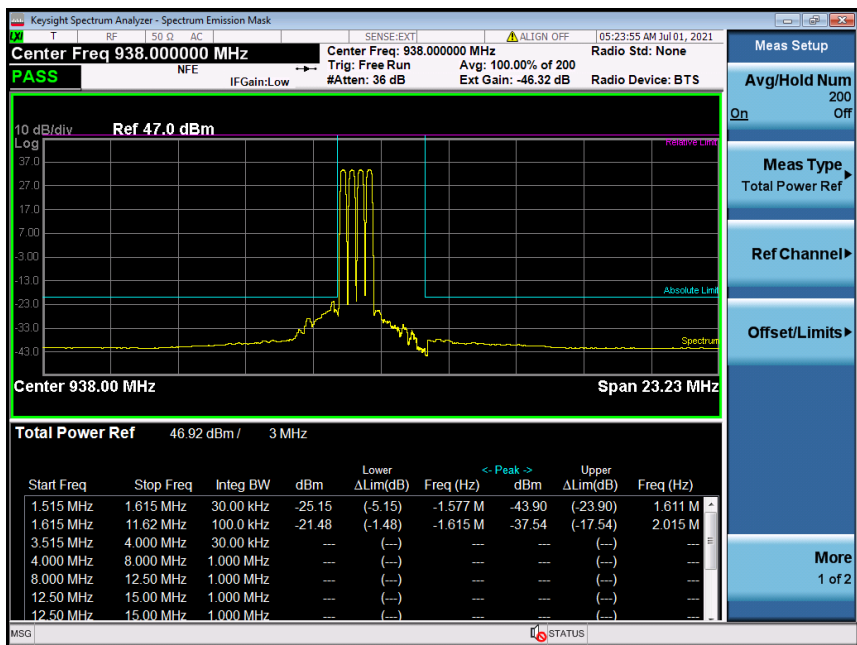


F1-6.16 Conducted Spurious Emissions, Power Output 50 Watts, 3xNB IoT, 936.7/937/937.3 MHz
 Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

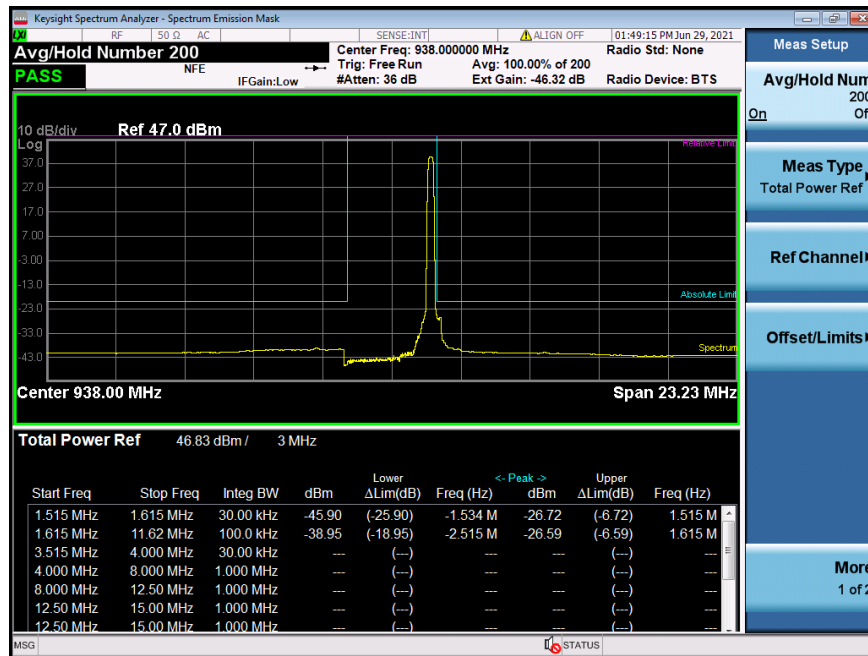


F1-6.17 Conducted Spurious Emissions, Power Output 50 Watts,4xNBloT, 936.7/937/937.3/937.6MHz Tx1

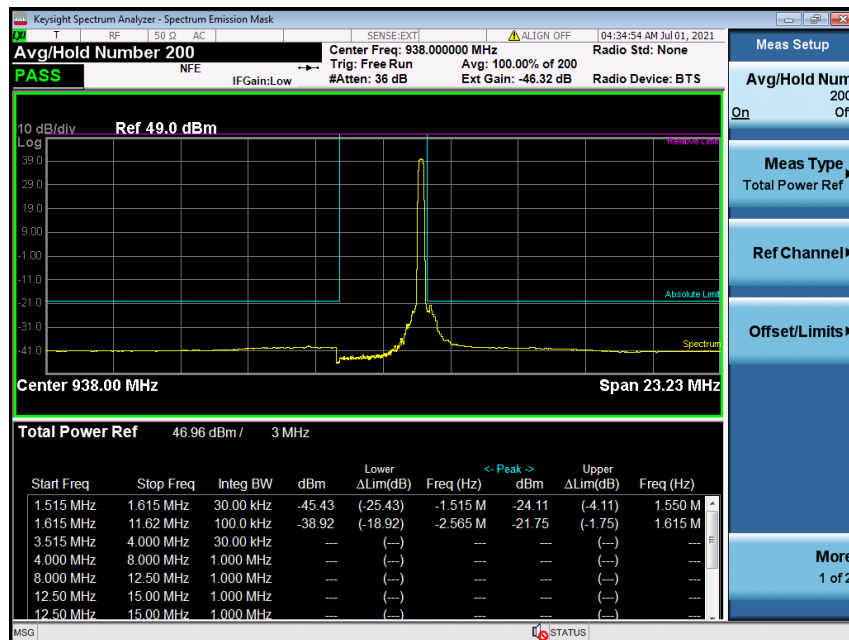


F1-6.18 Conducted Spurious Emissions, Power Output 50 Watts,4xNBloT, 936.7/937/937.3/937.6MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

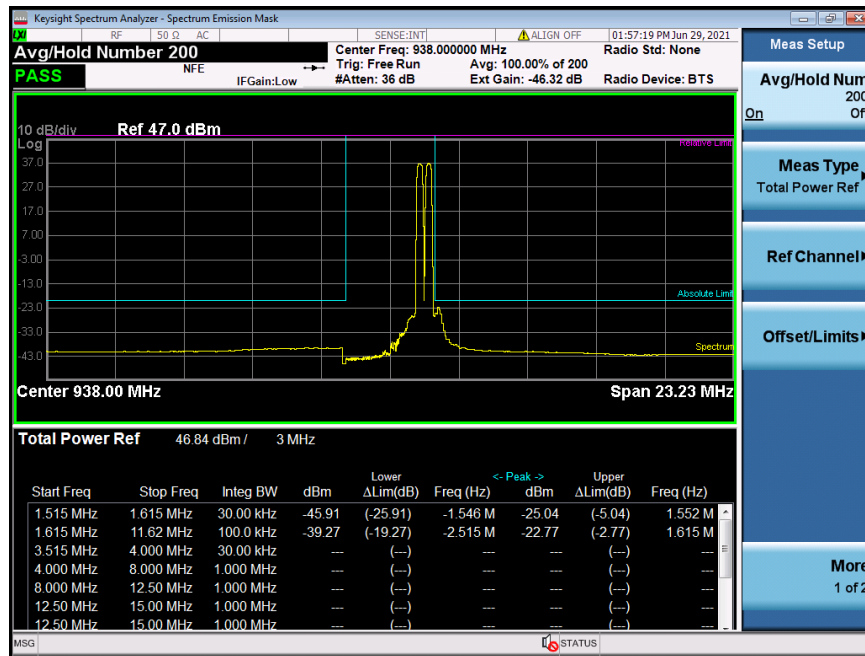


F1-6.19 Conducted Spurious Emissions, Power Output 50 Watts,NB IoT, 939.3MHz Tx1

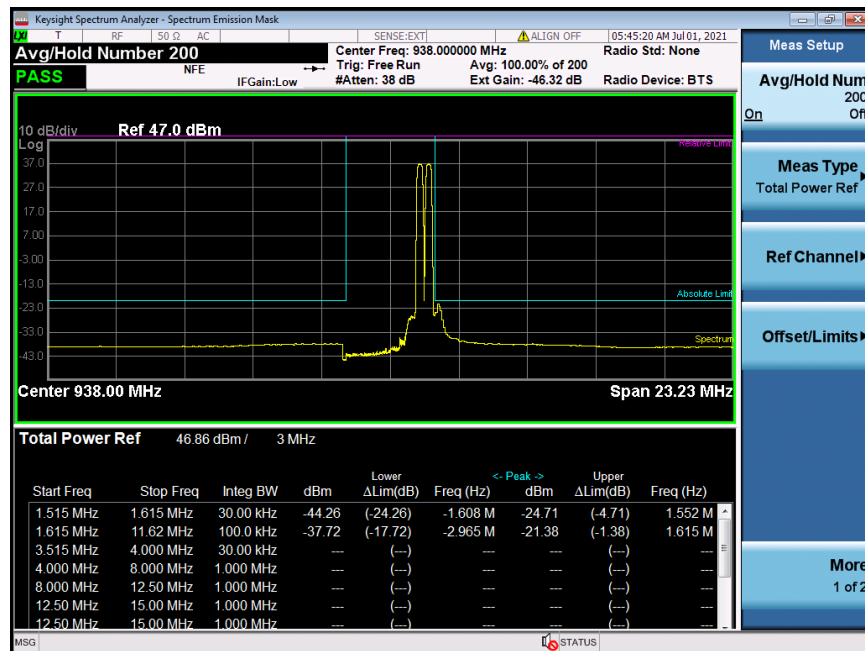


F1-6.20 Conducted Spurious Emissions, Power Output 50 Watts,NB IoT, 939.3MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

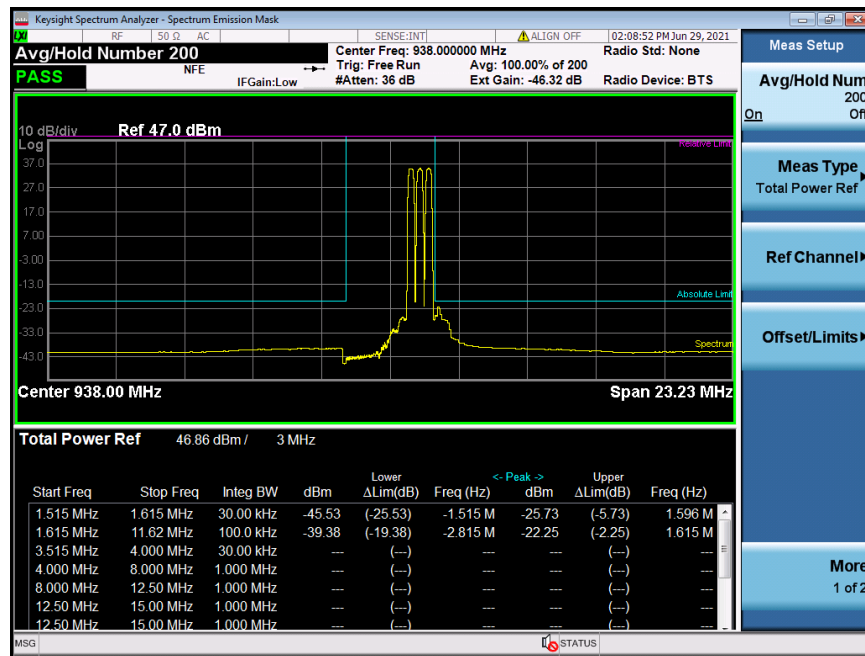


F1-6.21 Conducted Spurious Emissions, Power Output 50 Watts, 2xNB IoT, 939/939.3MHz Tx1

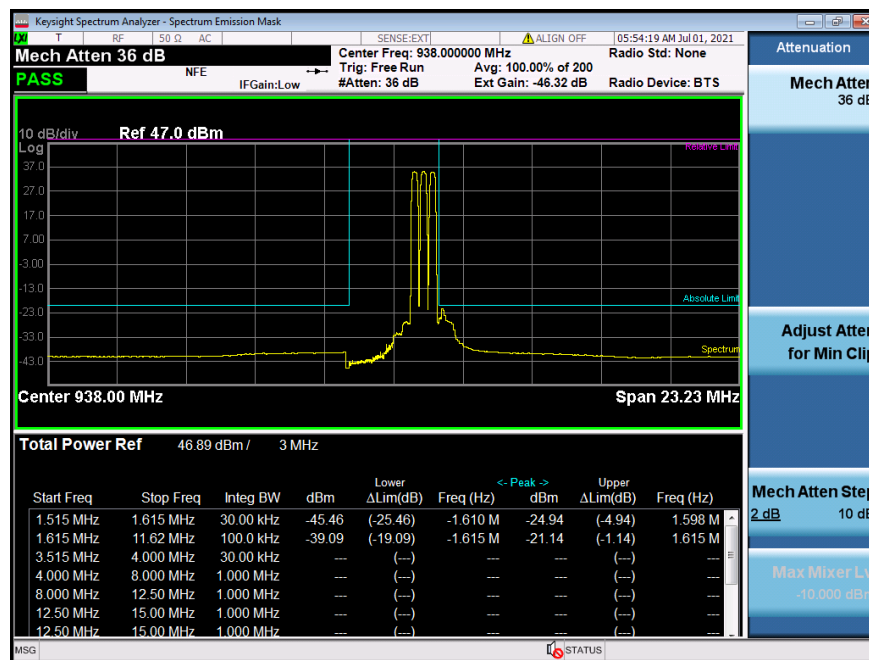


F1-6.22 Conducted Spurious Emissions, Power Output 50 Watts, 2xNB IoT, 939/939.3MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

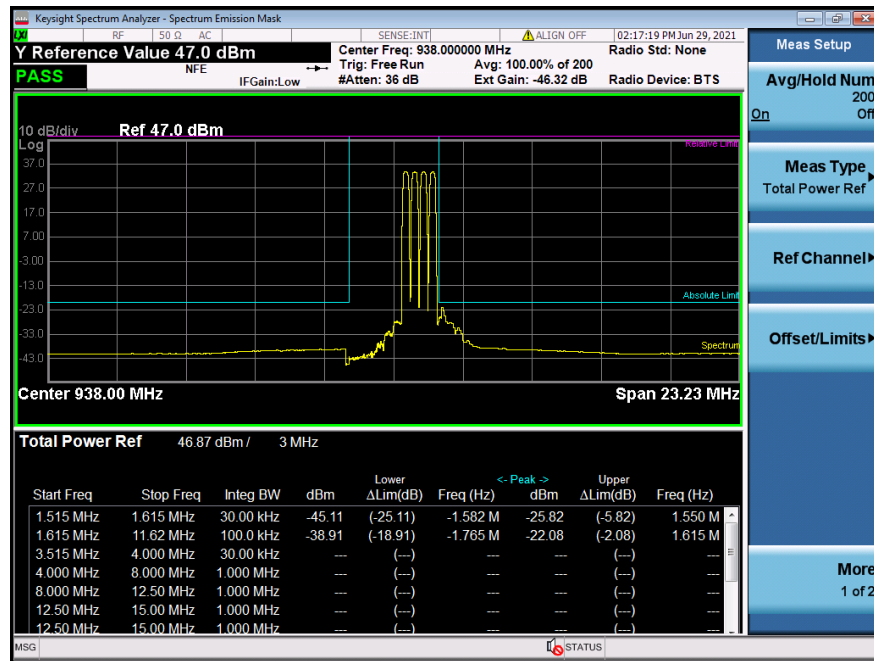


F1-6.23 Conducted Spurious Emissions, Power Output 50 Watts, 3xNB IoT, 938.7/939/939.3 MHz Tx1

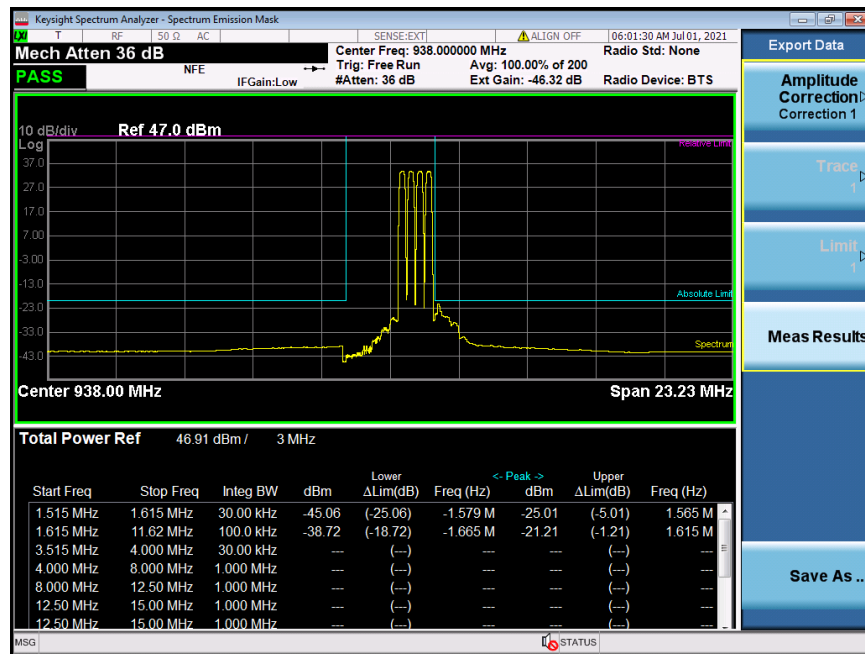


F1-6.24 Conducted Spurious Emissions, Power Output 50 Watts, 3xNB IoT, 938.7/939/939.3 MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

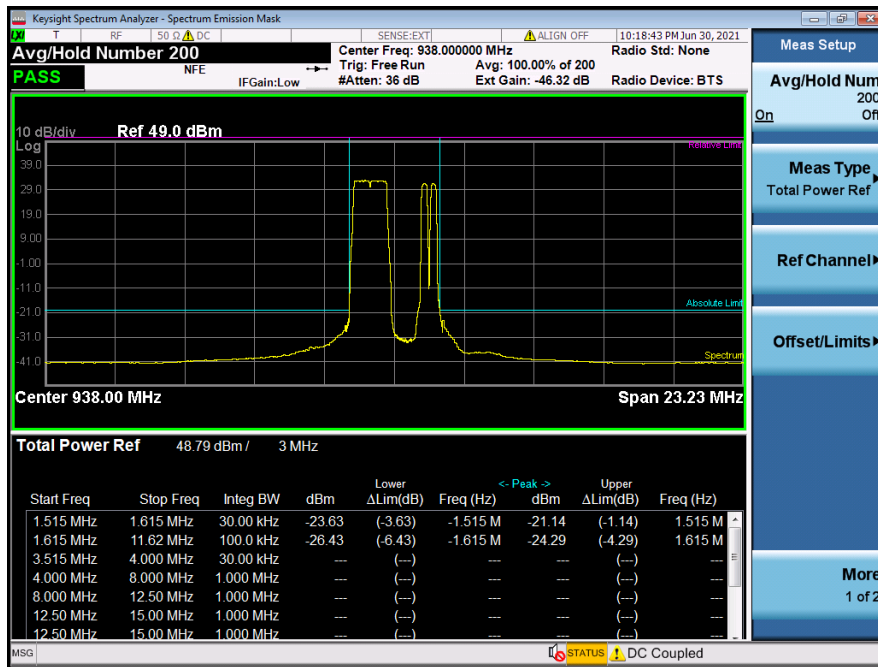


F1-6.25 Conducted Spurious Emissions, Power Output 50 Watts,4xNBloT, 938.4/938.7/939/939.3MHz Tx1

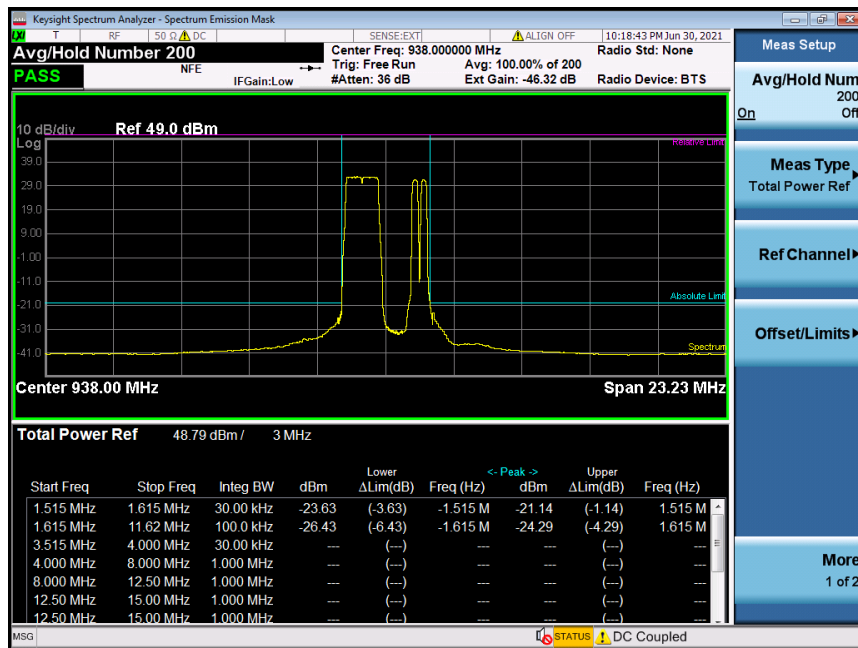


F1-6.26 Conducted Spurious Emissions, Power Output 50 Watts,4xNBloT, 938.4/938.7/939/939.3MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

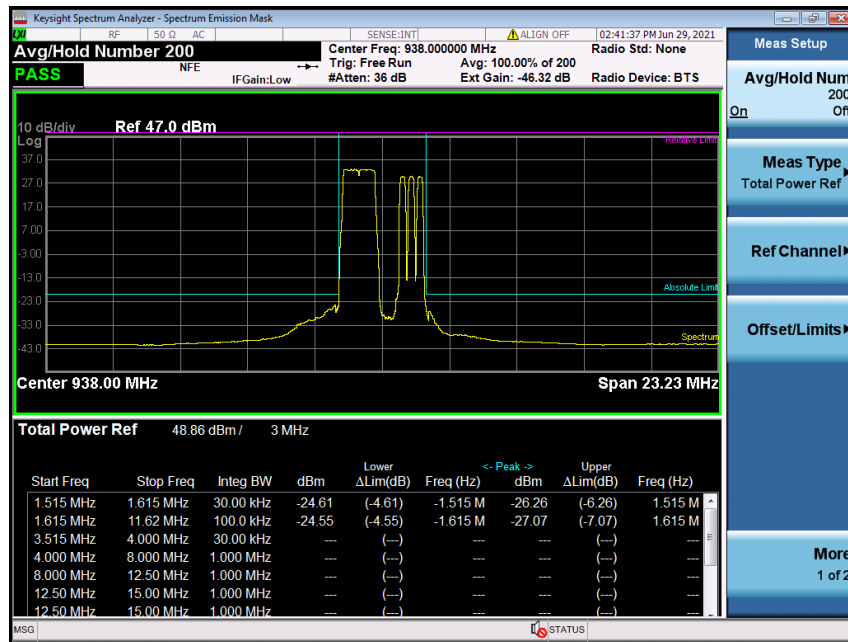


F1-6.27 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 2xNBIoT, 937.2/939.0/939.3MHz Tx1

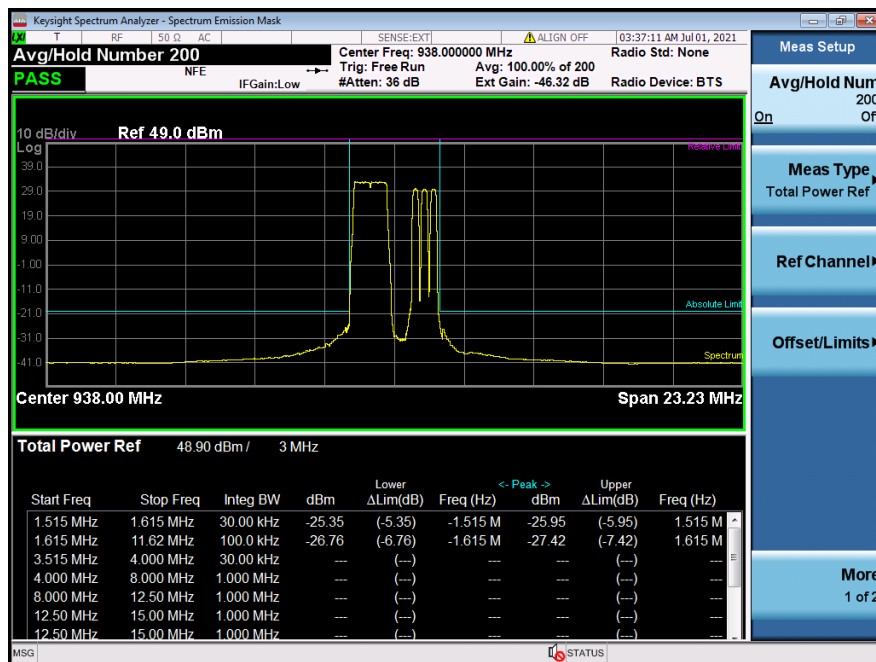


F1-6.28 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 2xNBIoT, 937.2/939.0/939.3MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

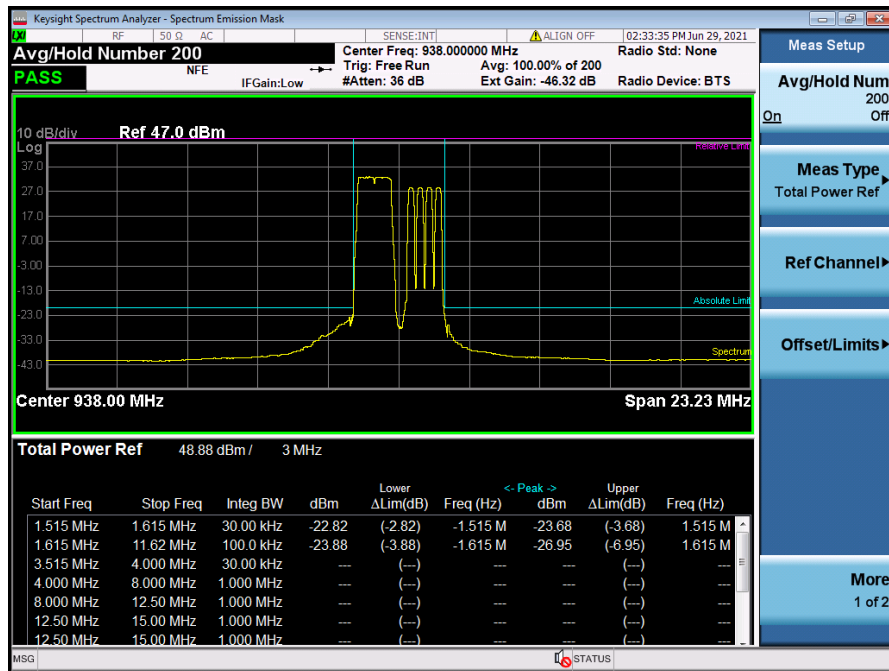


F1-6.29 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 3xNB IoT, 937.2/938.7/939.0/939.3MHz Tx1

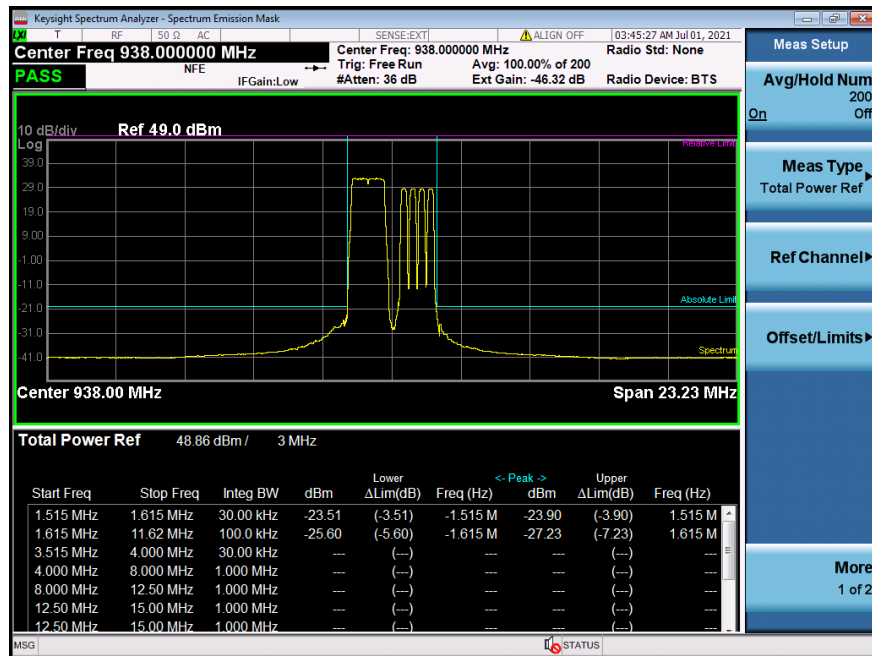


F1-6.30 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 3xNB IoT, 937.2/938.7/939.0/939.3MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

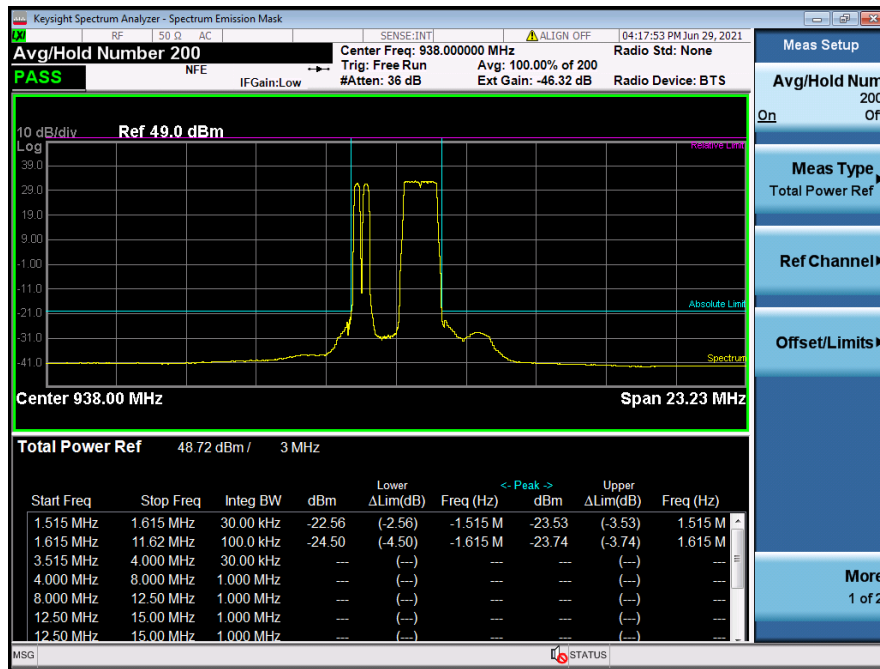


F1-6.31 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 4xNB IoT, 937.2/938.4/938.7/939.0/939.3MHz Tx1

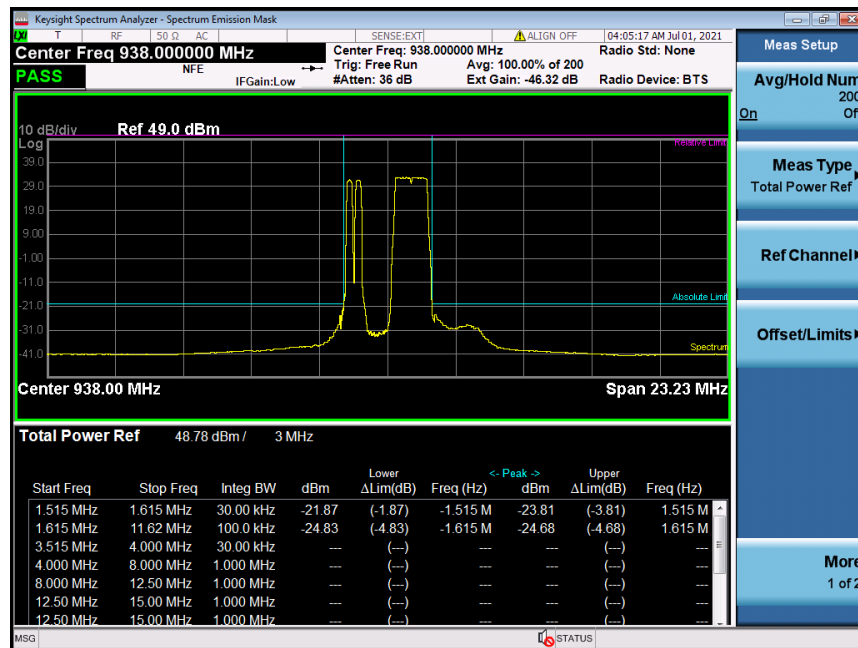


F1-6.32 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 4xNB IoT, 937.2/938.4/938.7/939.0/939.3MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

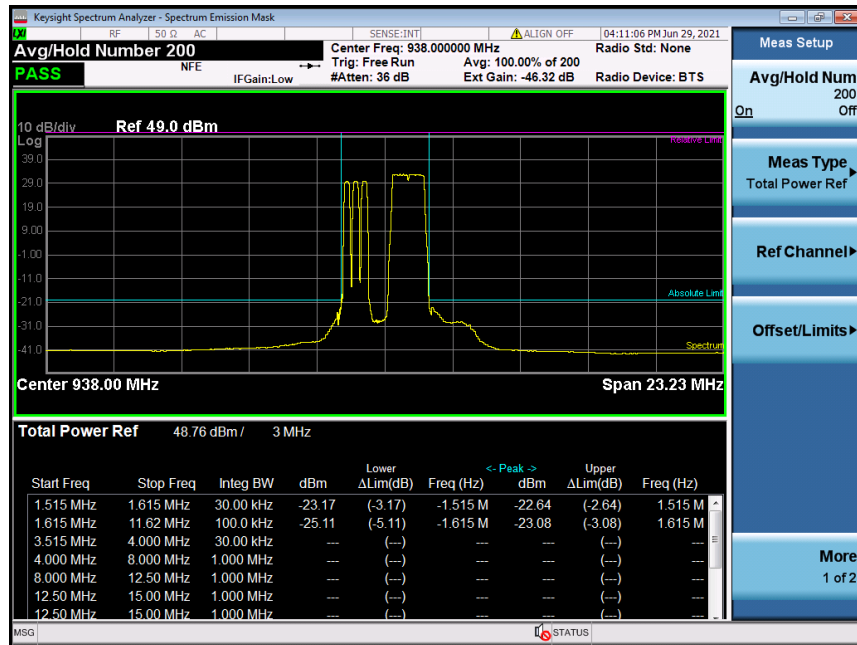


F1-6.33 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 2xNBIoT, 938.8/936.7/937.0MHz Tx1

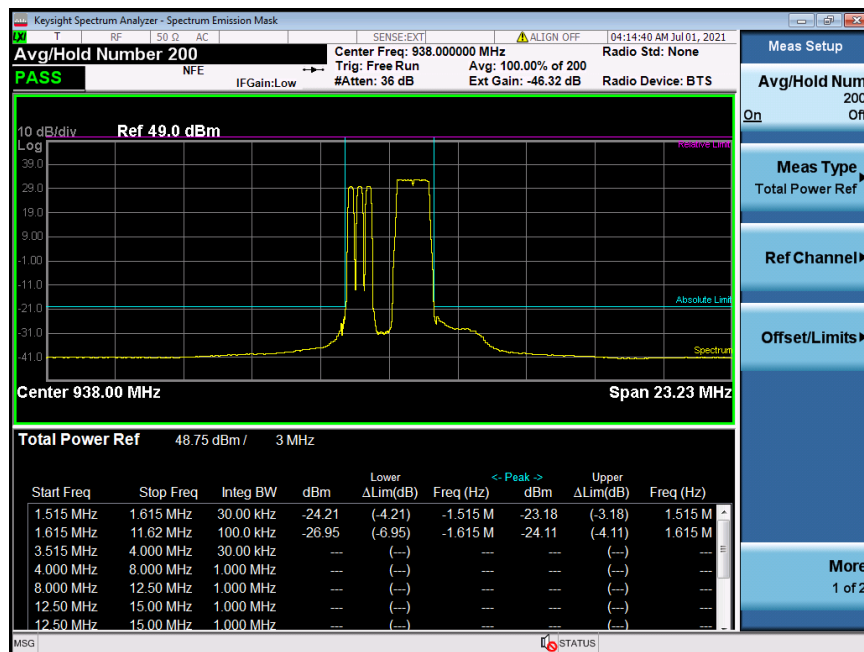


F1-6.34 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 2xNBIoT, 938.8/936.7/937.0MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.

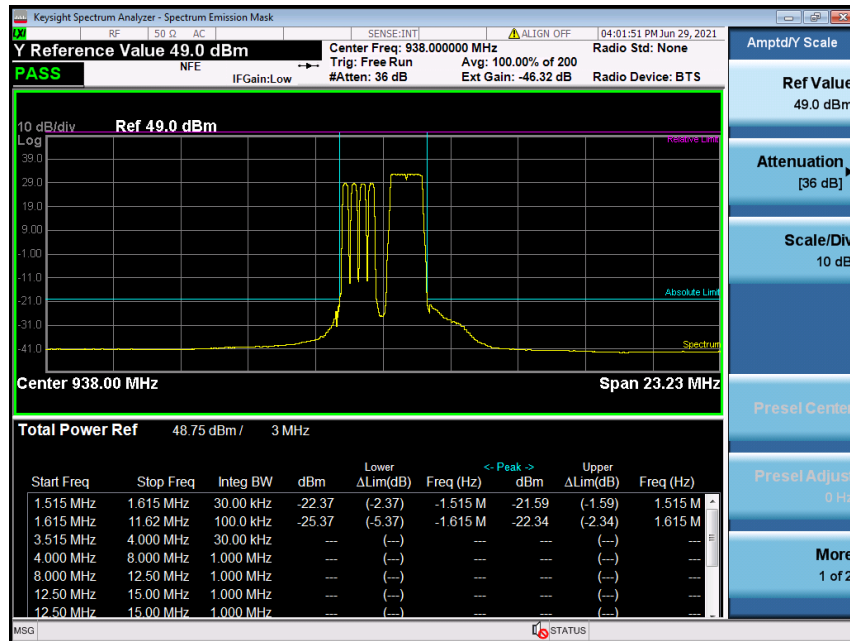


F1-6.35 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 3xNBIoT, 938.8/936.7/937.0/937.3MHz Tx1

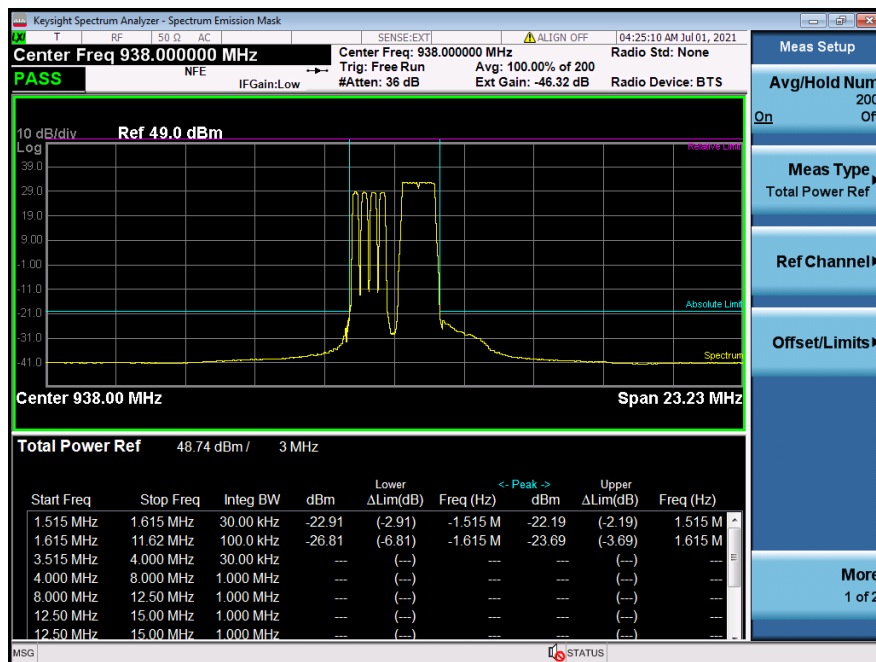


F1-6.36 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 3xNBIoT, 938.8/936.7/937.0/937.3MHz Tx2

Report on Test Measurements for FCC ID ABZ89FC5840 per FCC 47 CFR 27.



F1-6.37 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 4xNBIoT, 938.8/936.7/937.0/937.3/937.6MHz Tx1



F1-6.38 Conducted Spurious Emissions, Power Output 80 Watts, 1.4MHz BW + 4xNBIoT, 938.8/936.7/937.0/937.3/937.6MHz Tx2