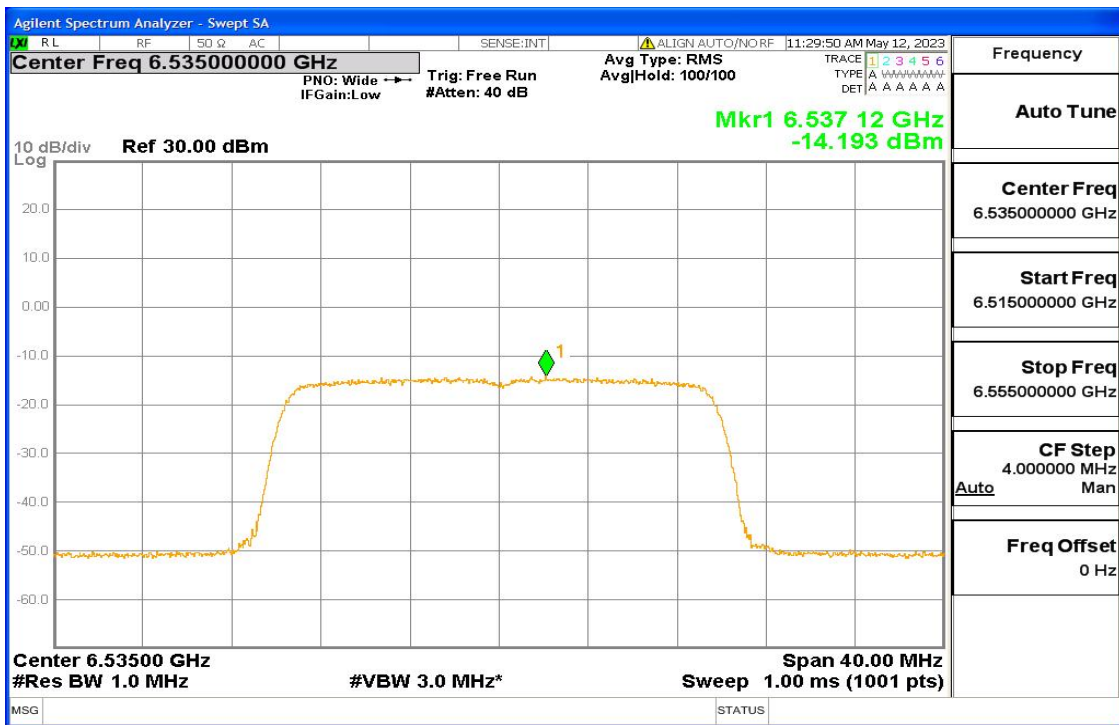


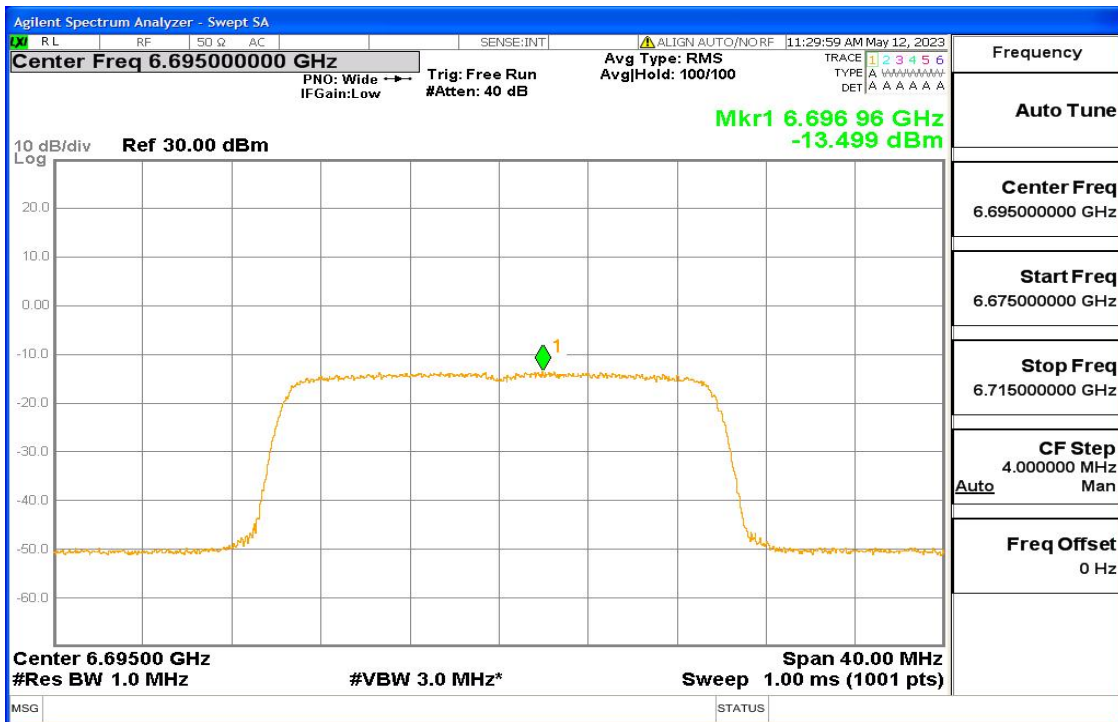
11ax-HE20 Fig6



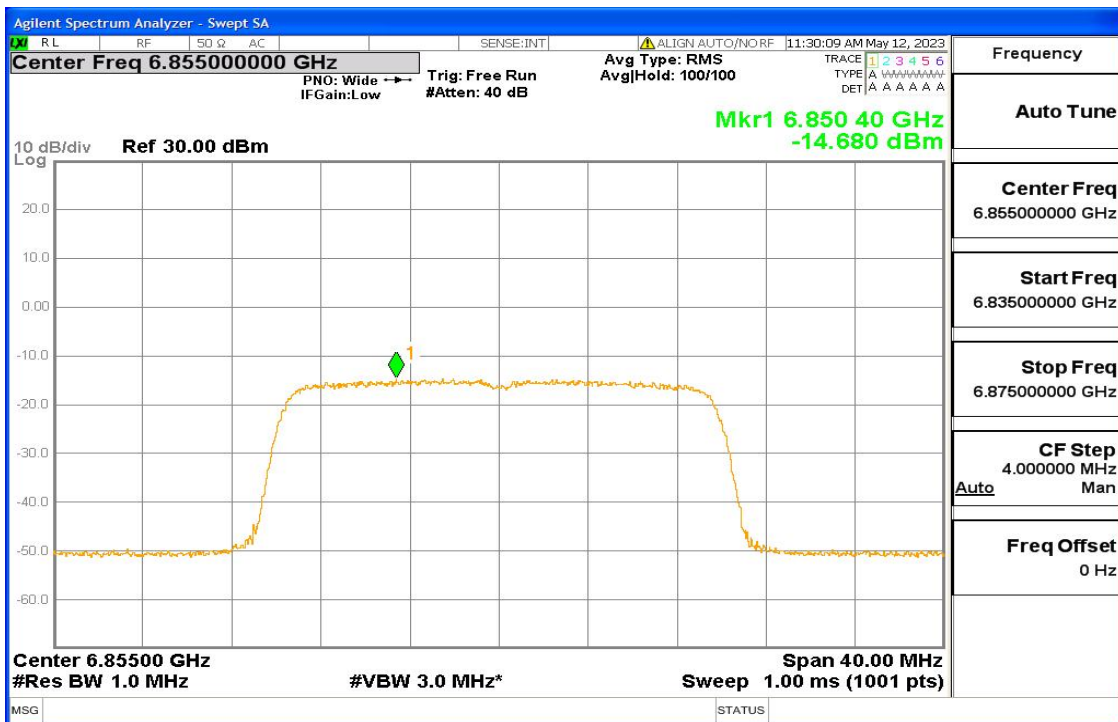
11ax-HE20 Fig7

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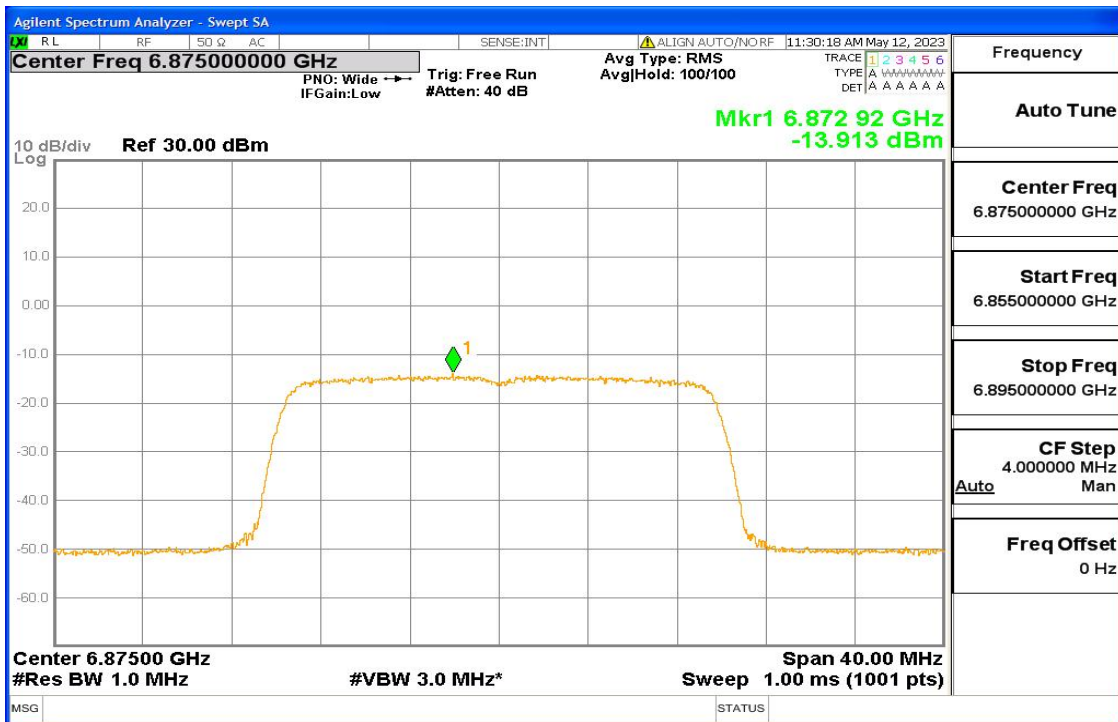
11ax-HE20 Fig8



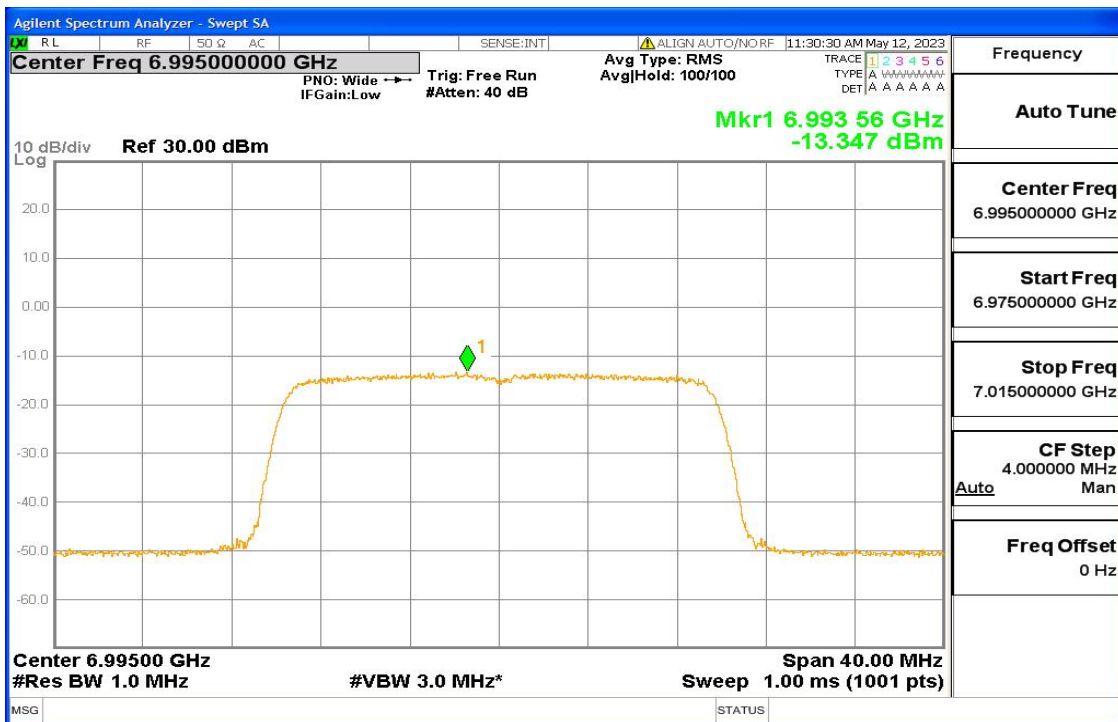
11ax-HE20 Fig9

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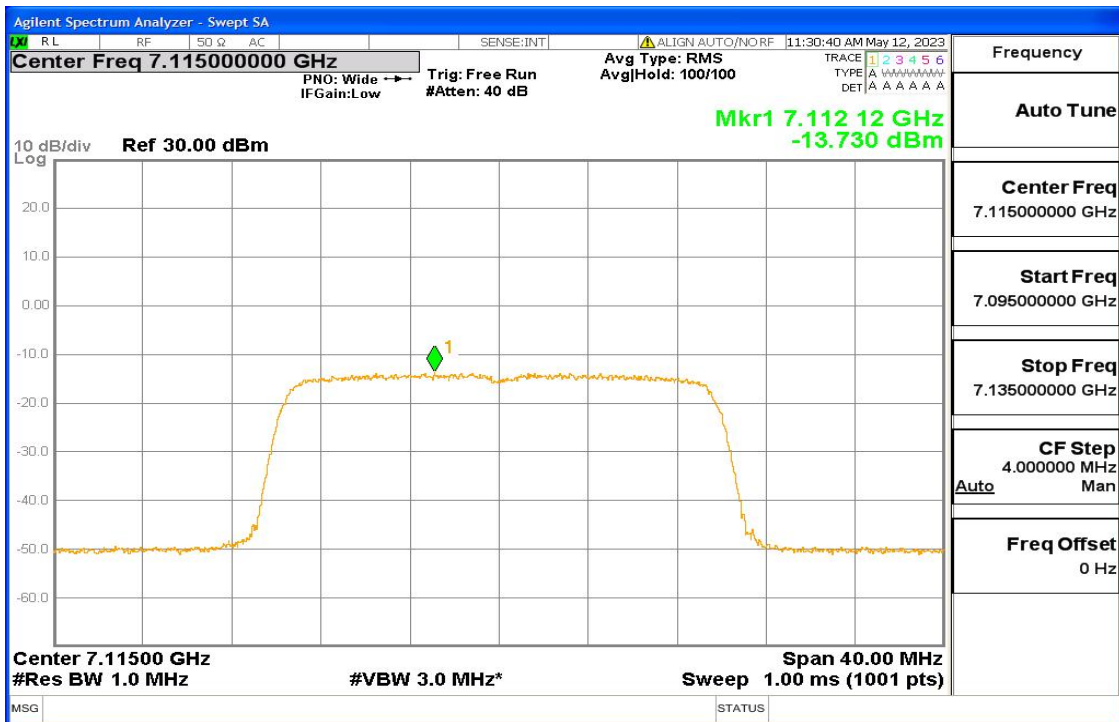
11ax-HE20 Fig10



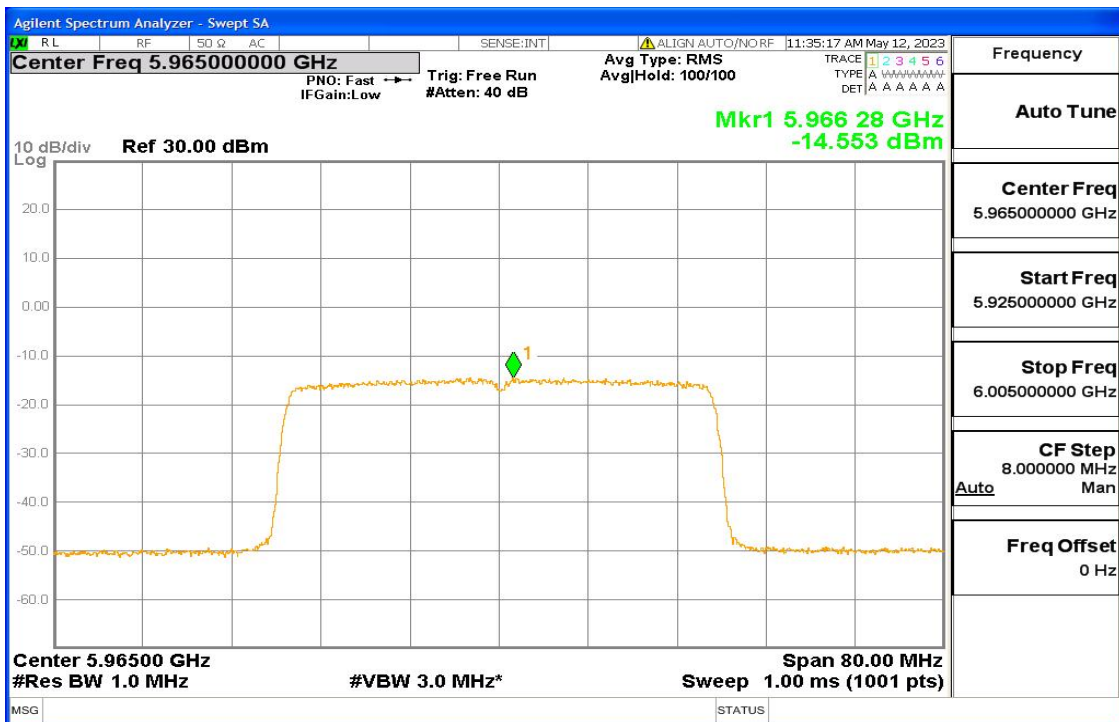
11ax-HE20 Fig11

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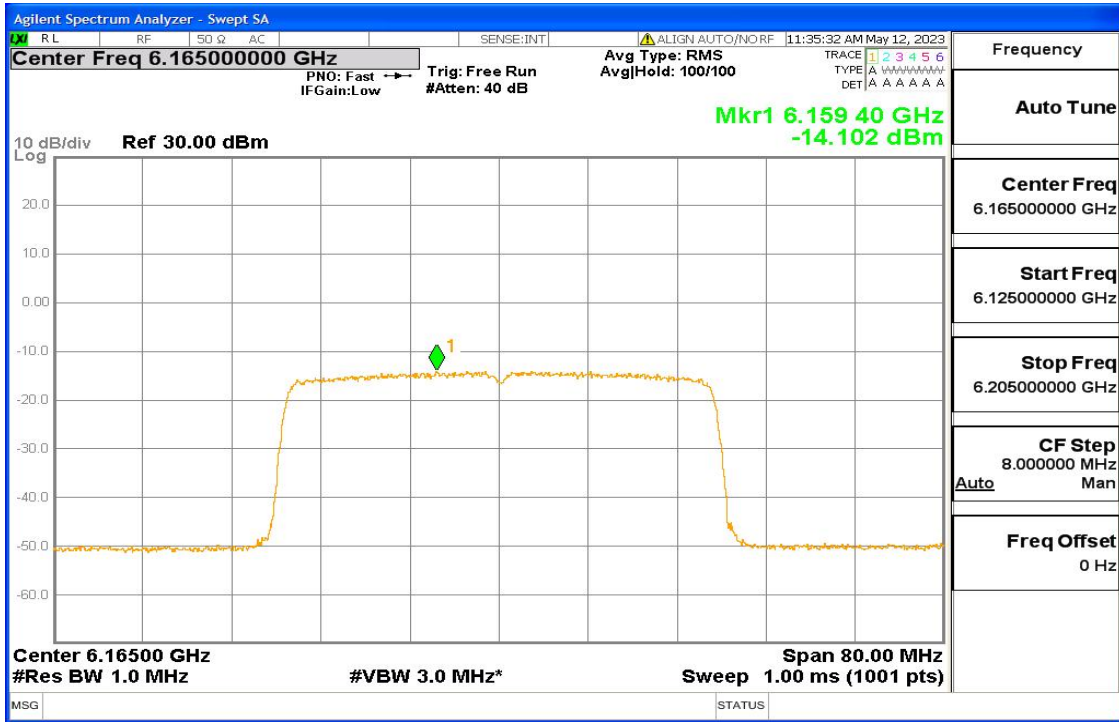
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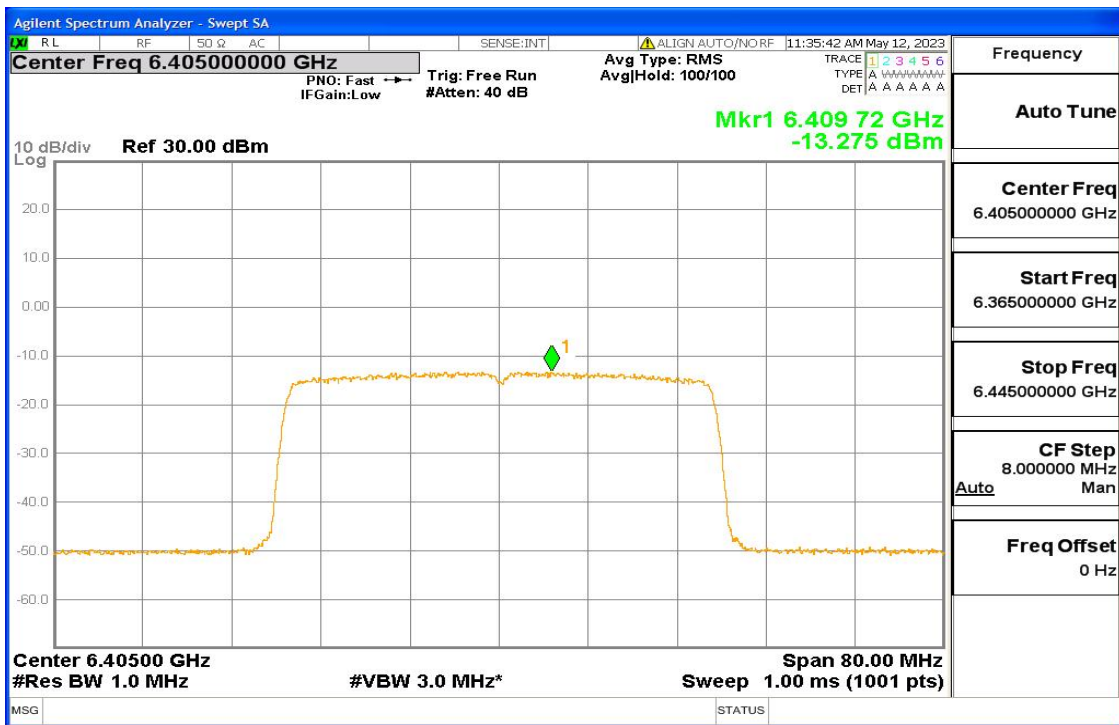
11ax-HE40 Fig1

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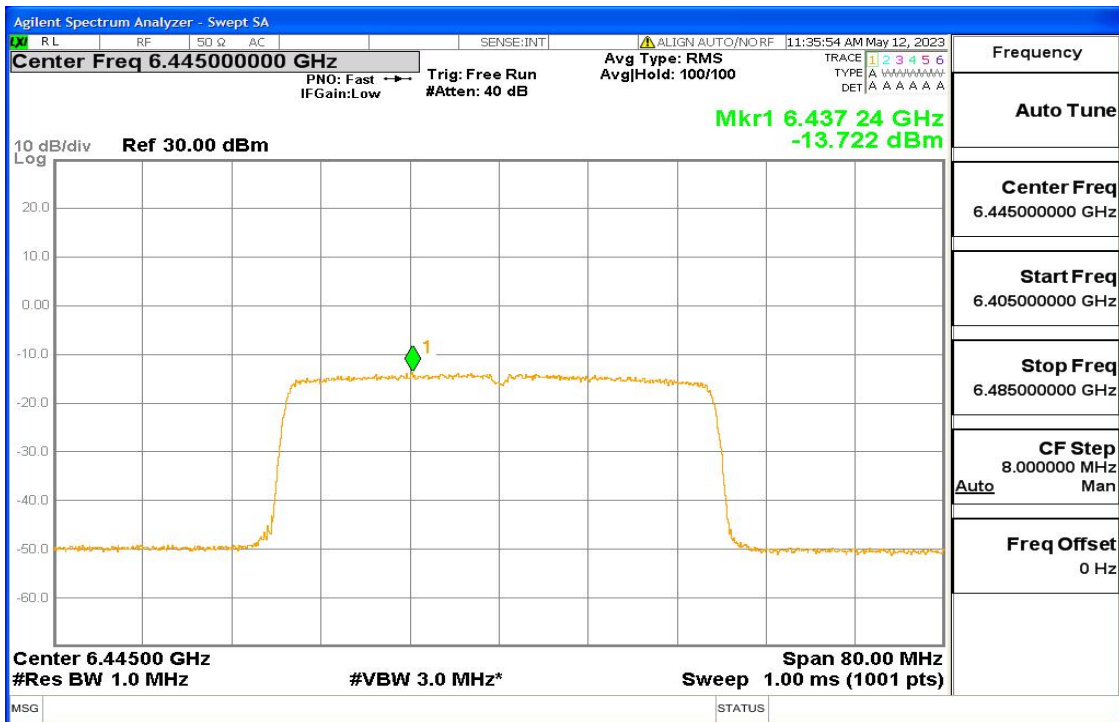
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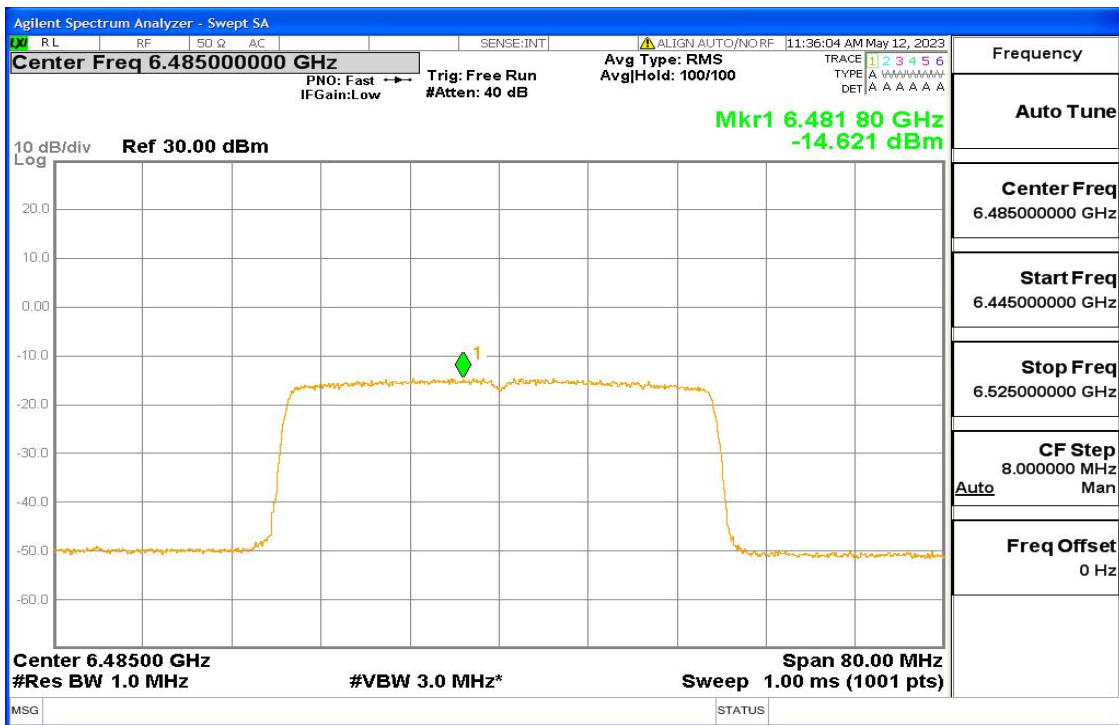
11ax-HE40 Fig3

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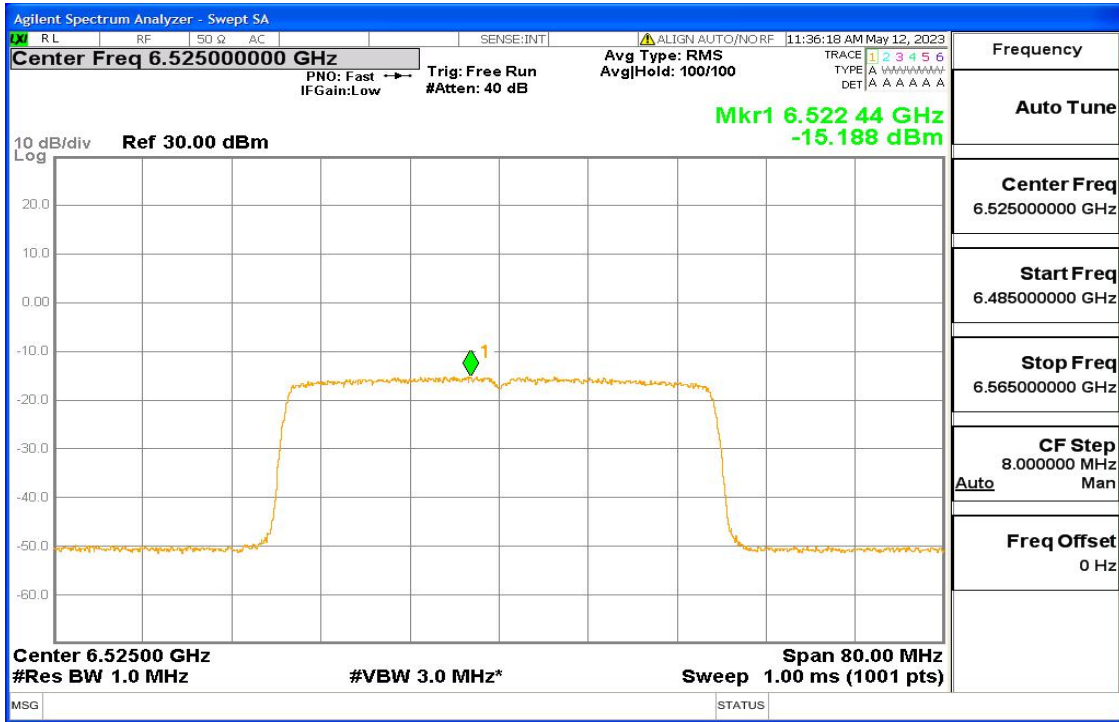
11ax-HE40 Fig4



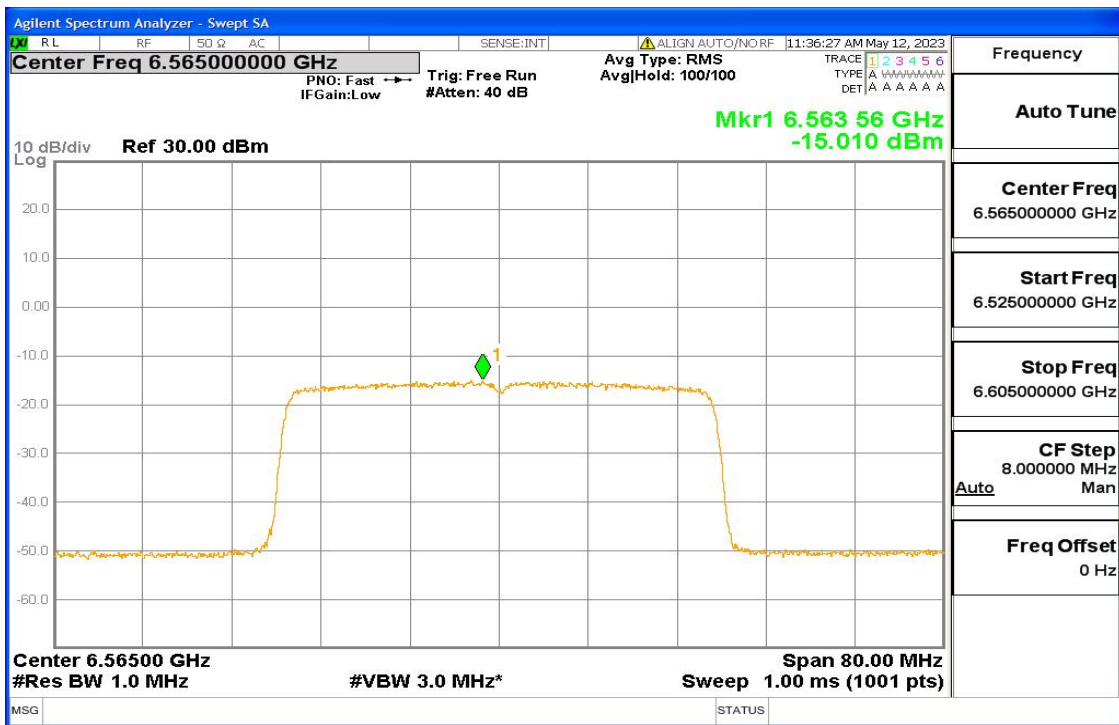
11ax-HE40 Fig5

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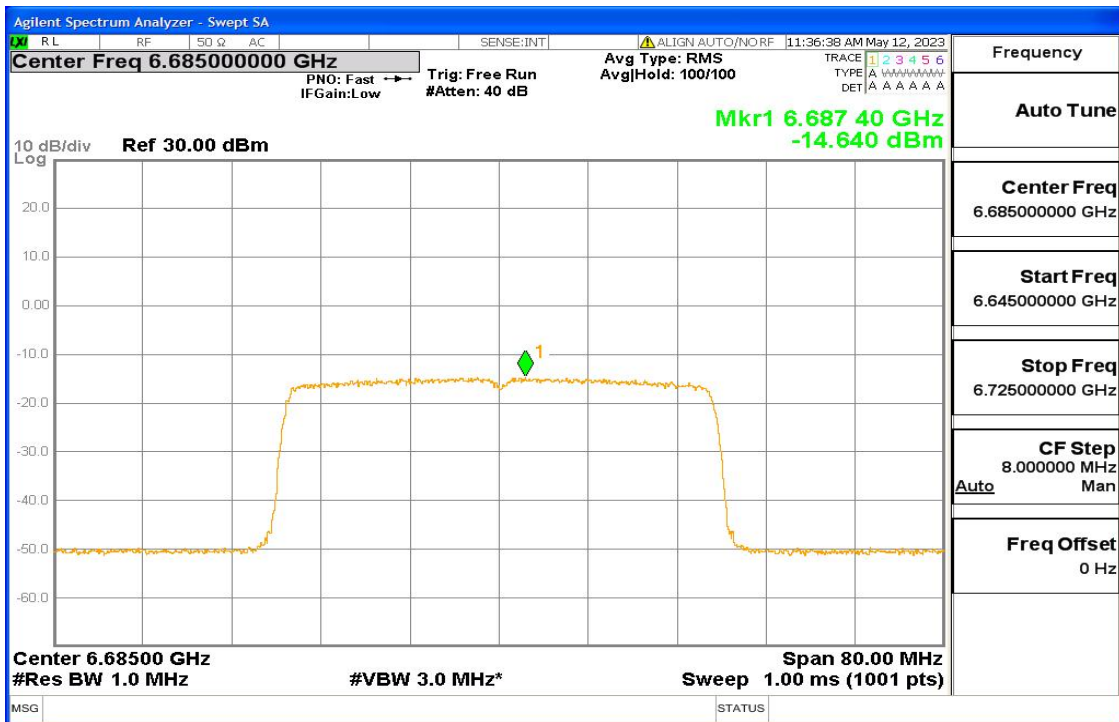
11ax-HE40 Fig6



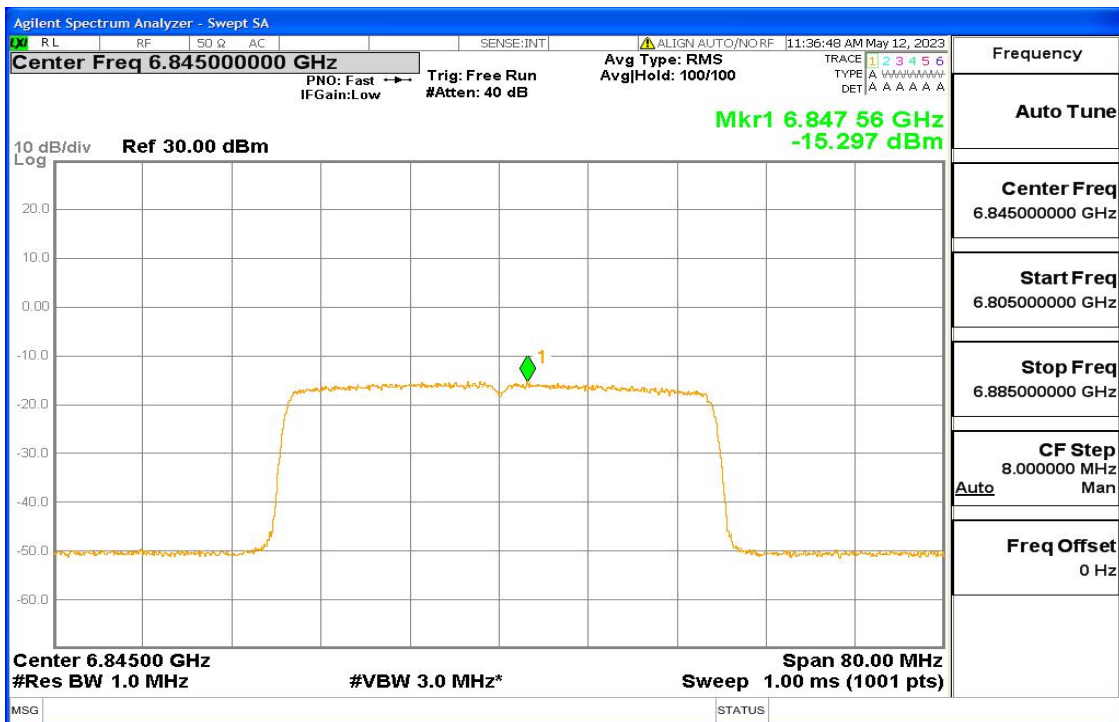
11ax-HE40 Fig7

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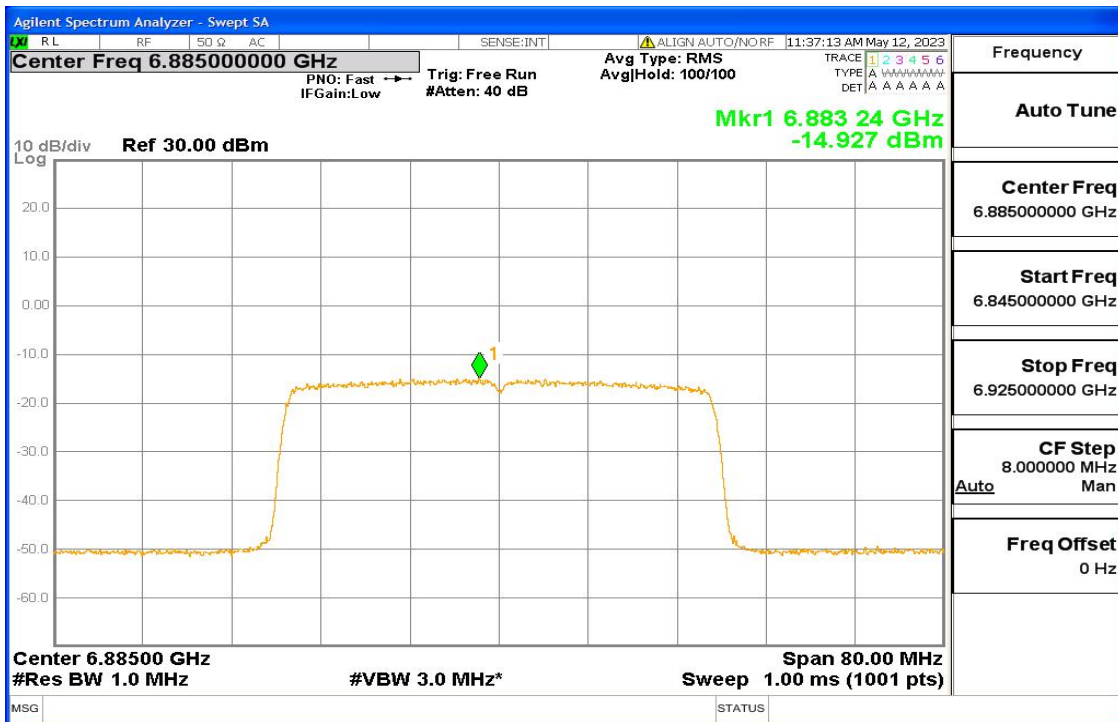
11ax-HE40 Fig8



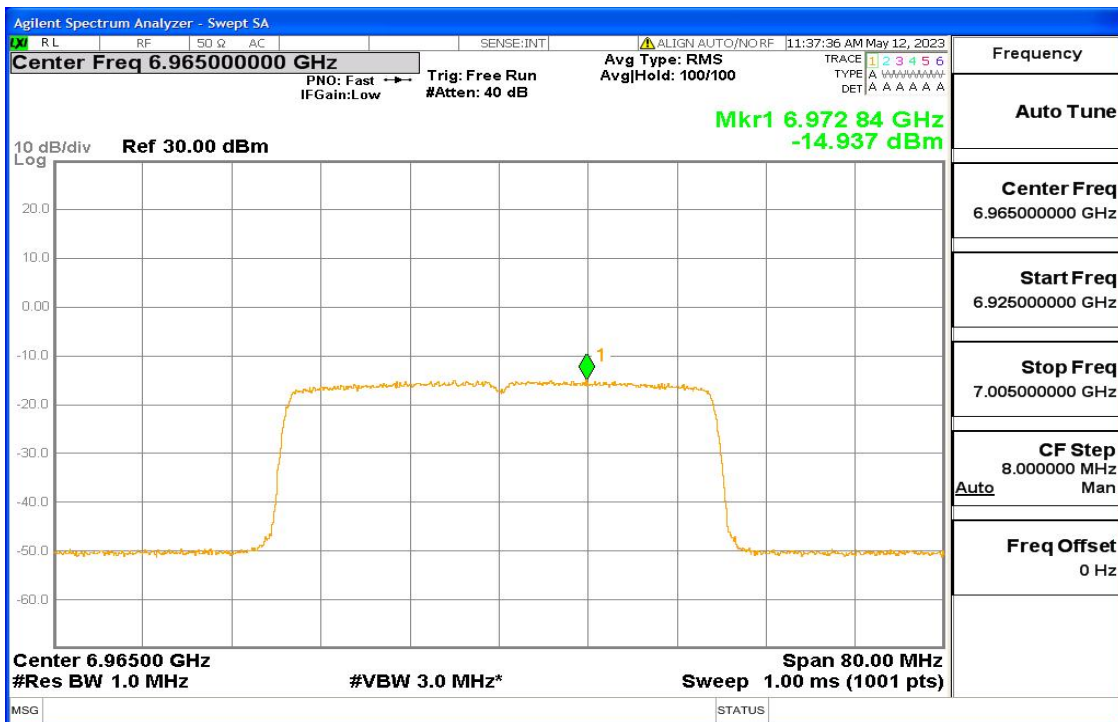
11ax-HE40 Fig9

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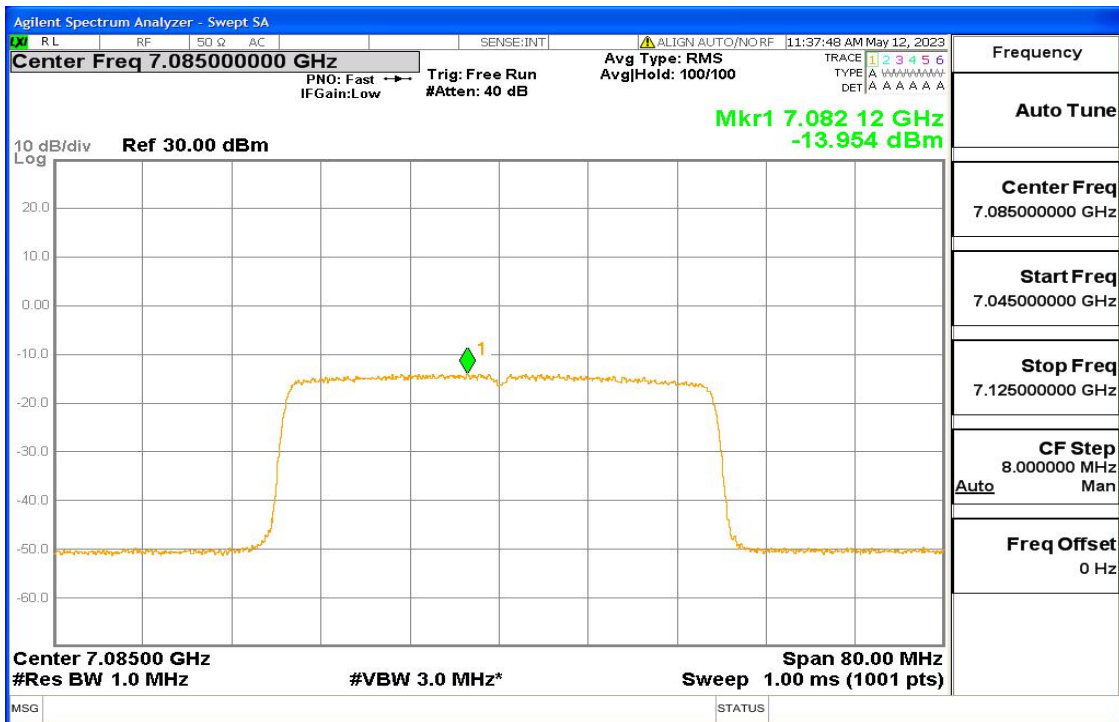
11ax-HE40 Fig10



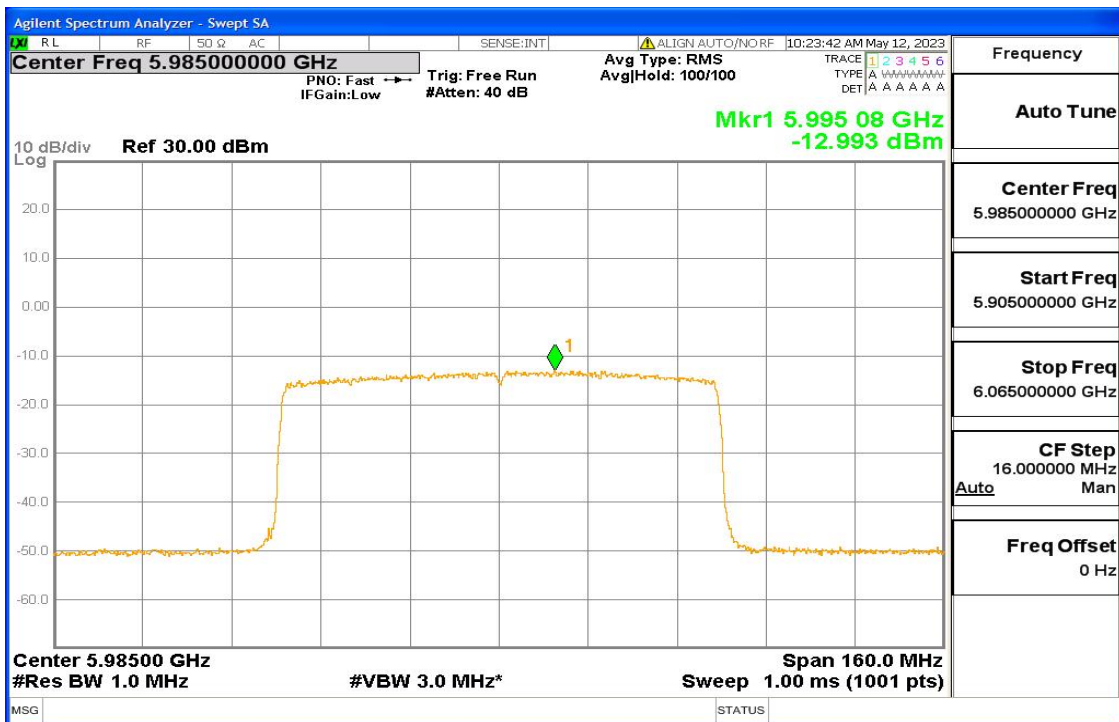
11ax-HE40 Fig11

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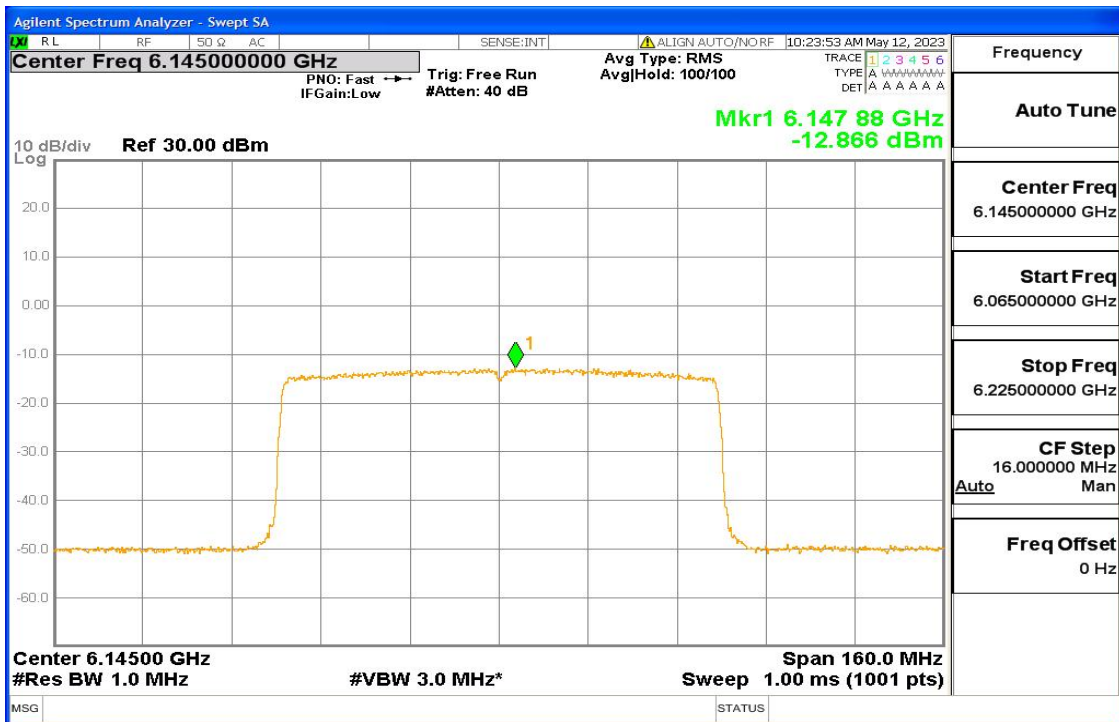
11ax-HE40 Fig12



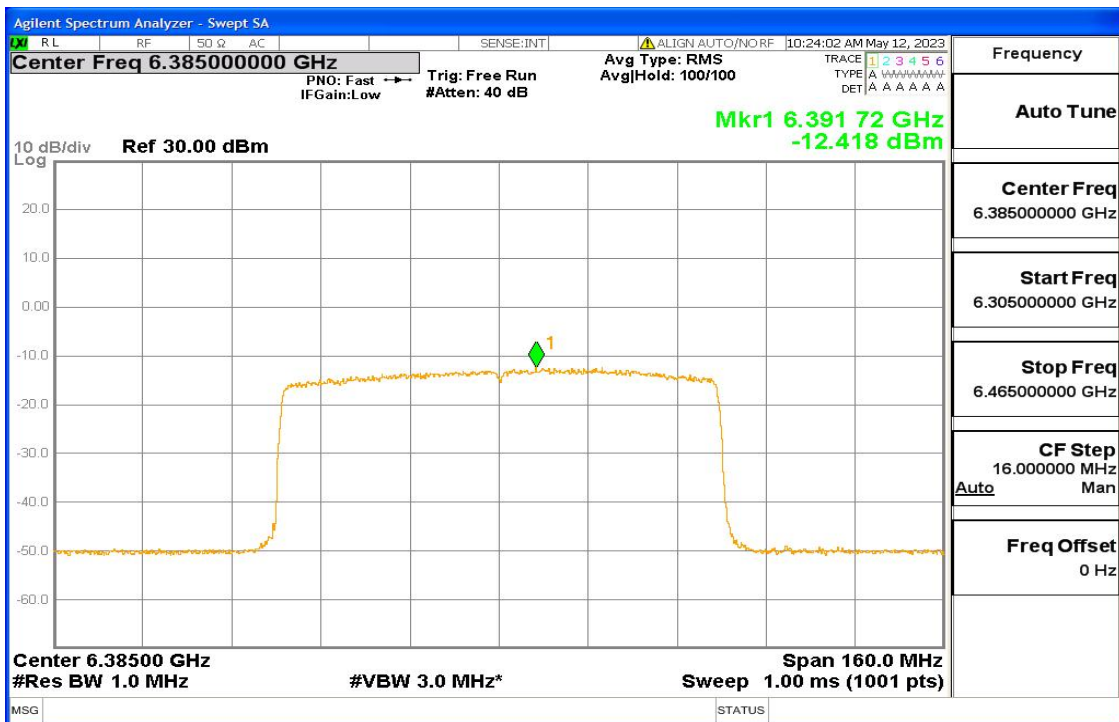
11ax-HE80 Fig1

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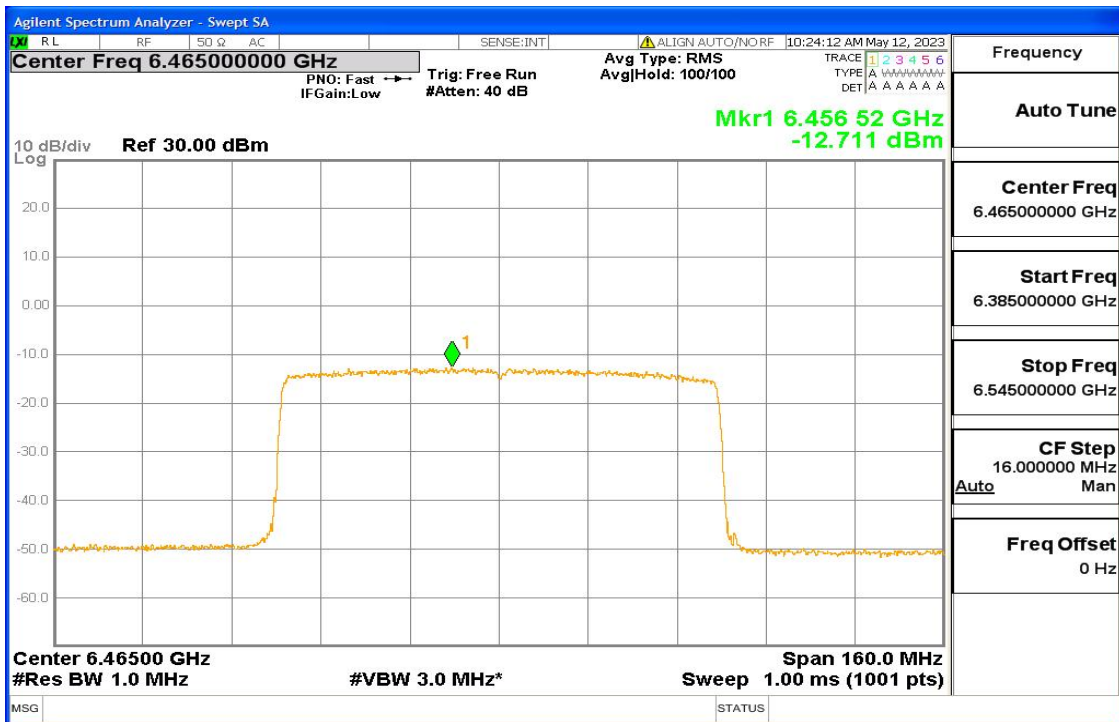
11ax-HE80 Fig2



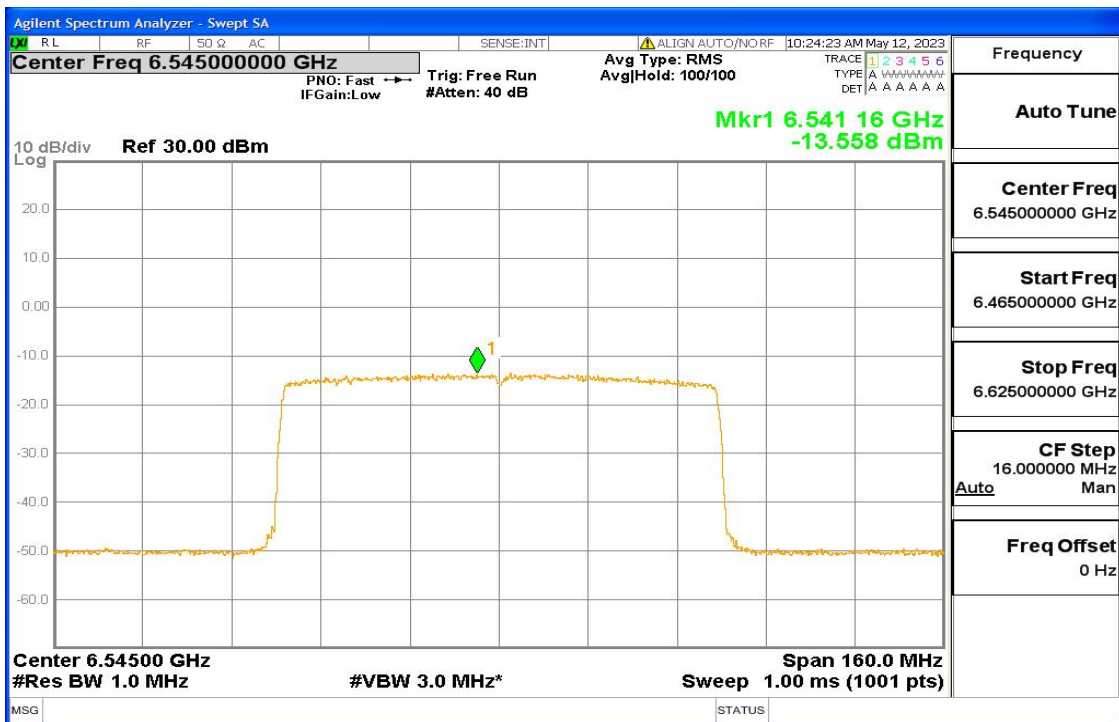
11ax-HE80 Fig3

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11ax-HE80 Fig4



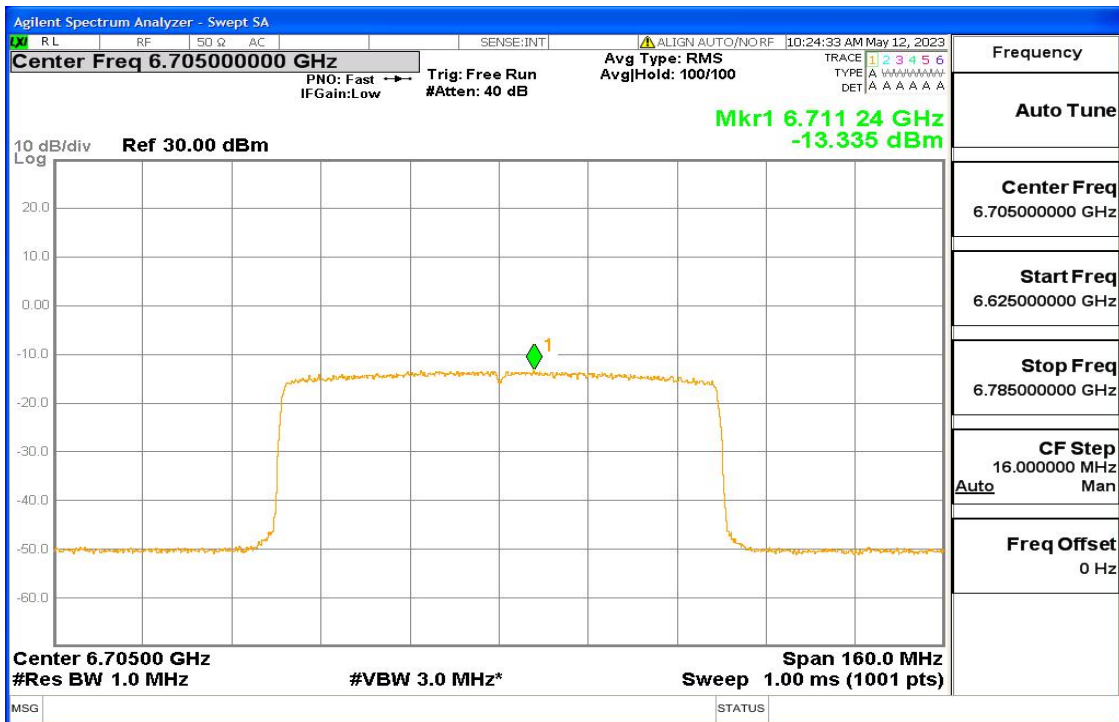
11ax-HE80 Fig5

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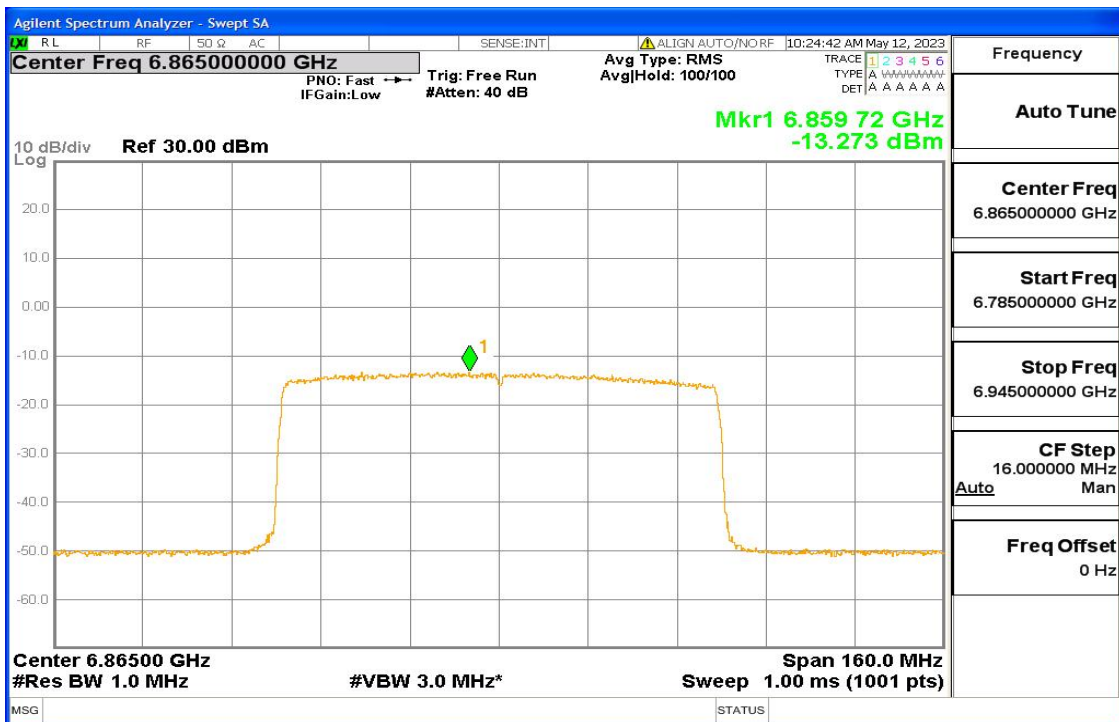
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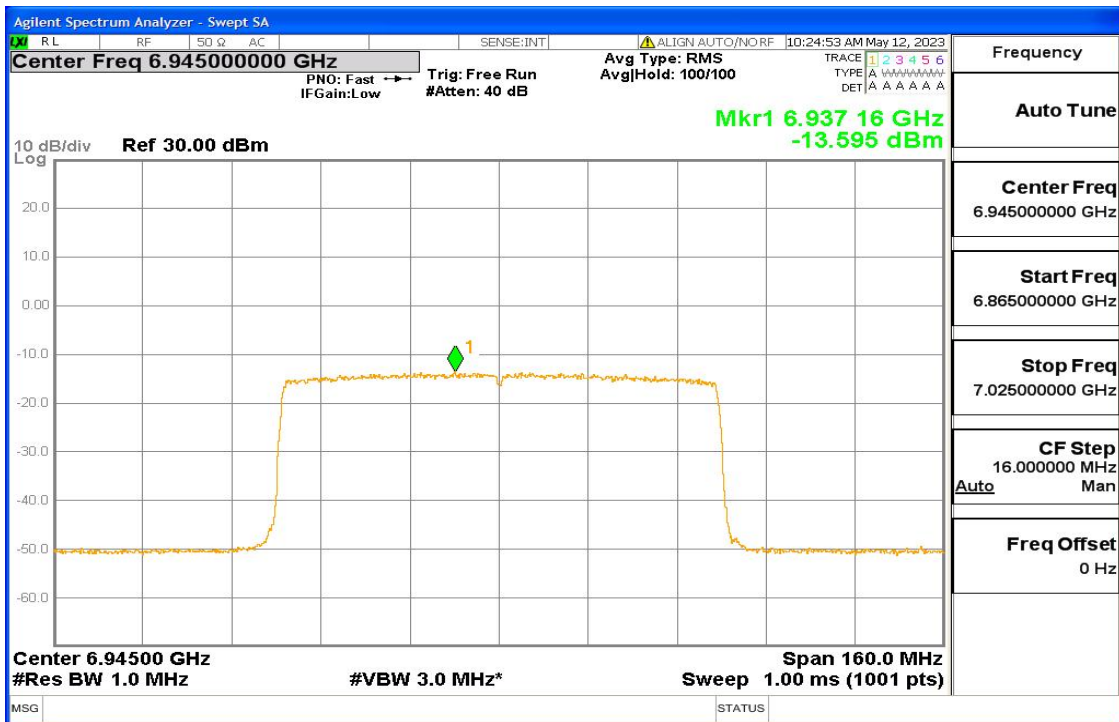
11ax-HE80 Fig6



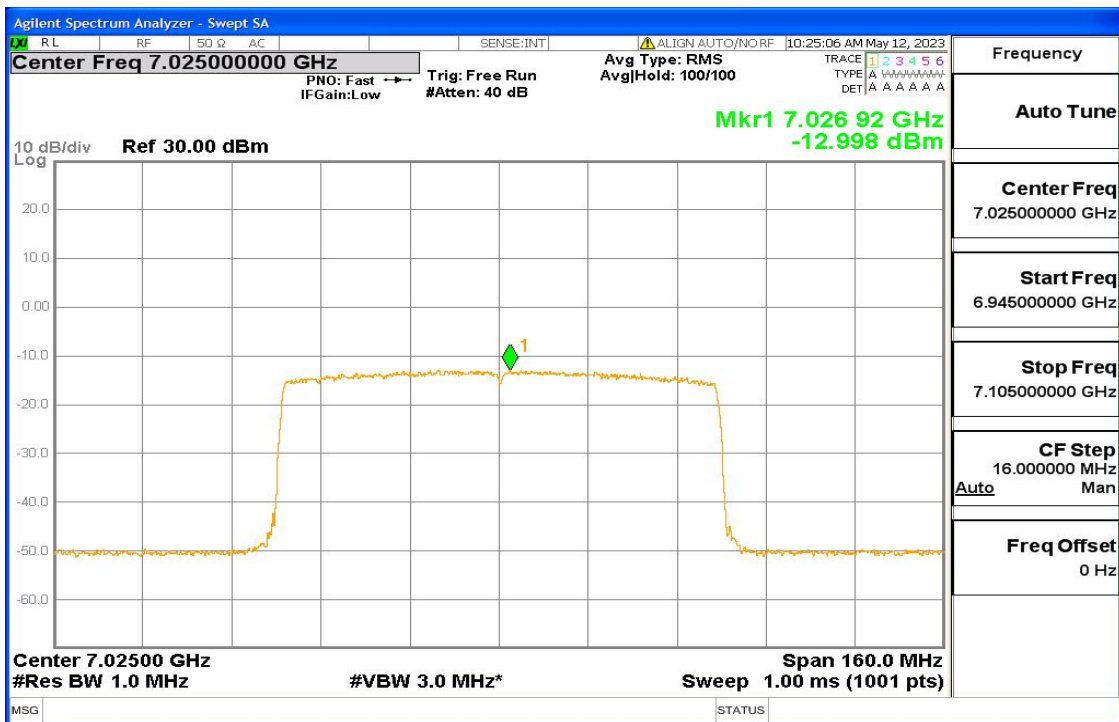
11ax-HE80 Fig7

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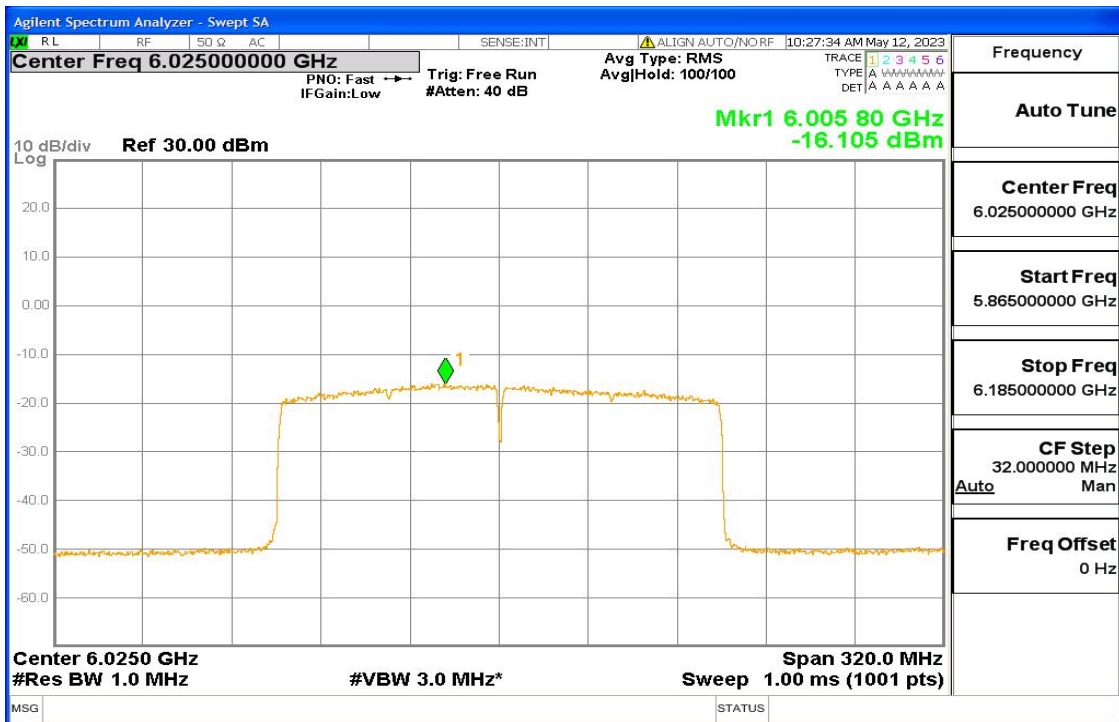
11ax-HE80 Fig8



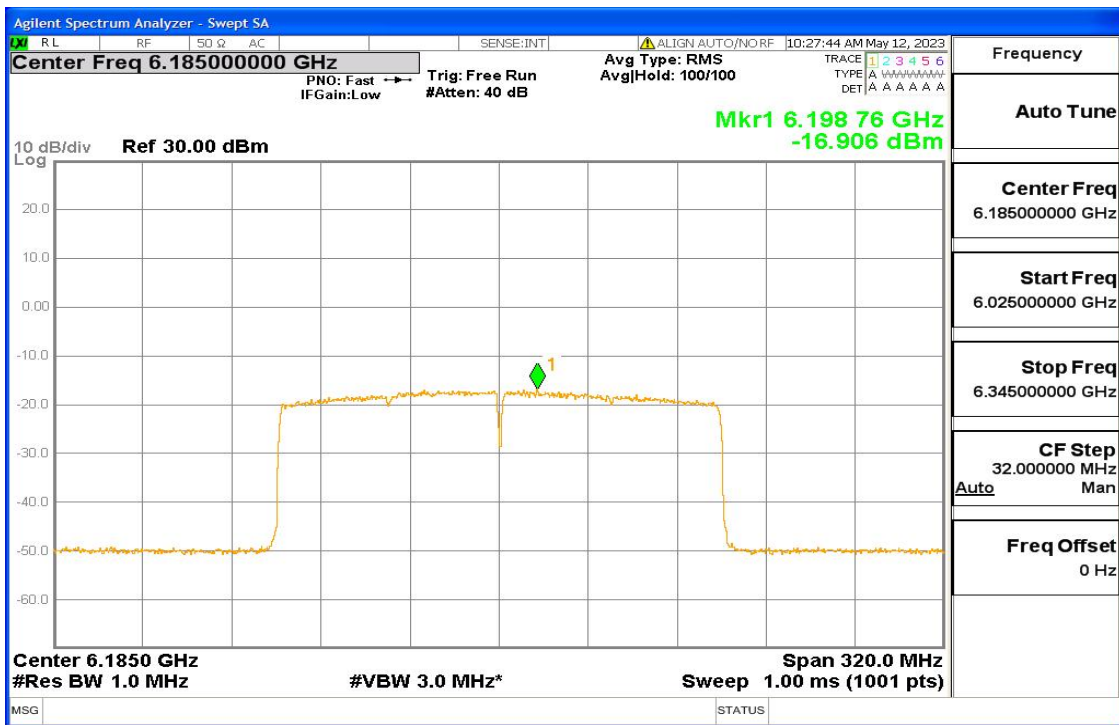
11ax-HE80 Fig9

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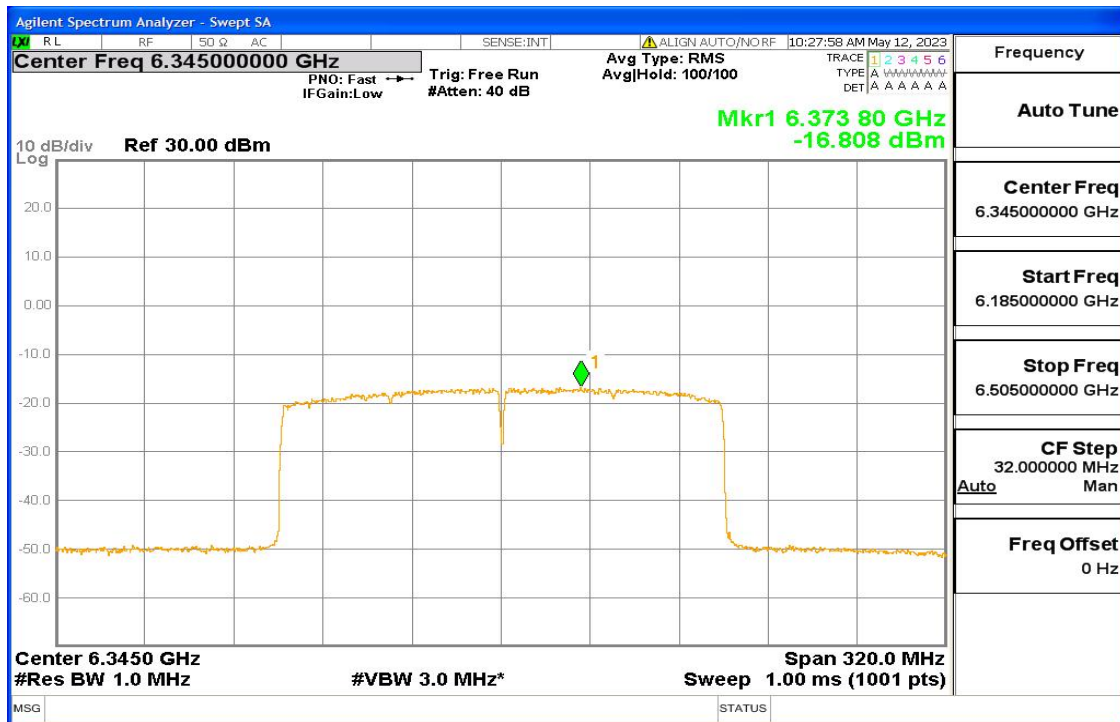
11ax-HE160 Fig1



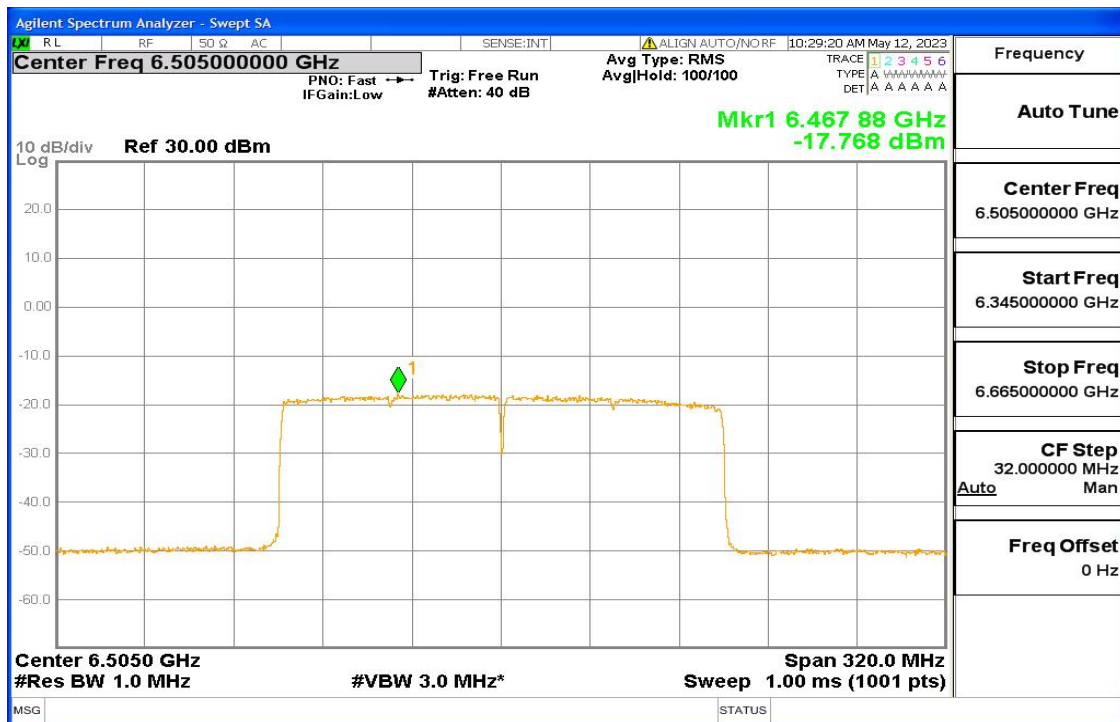
11ax-HE160 Fig2

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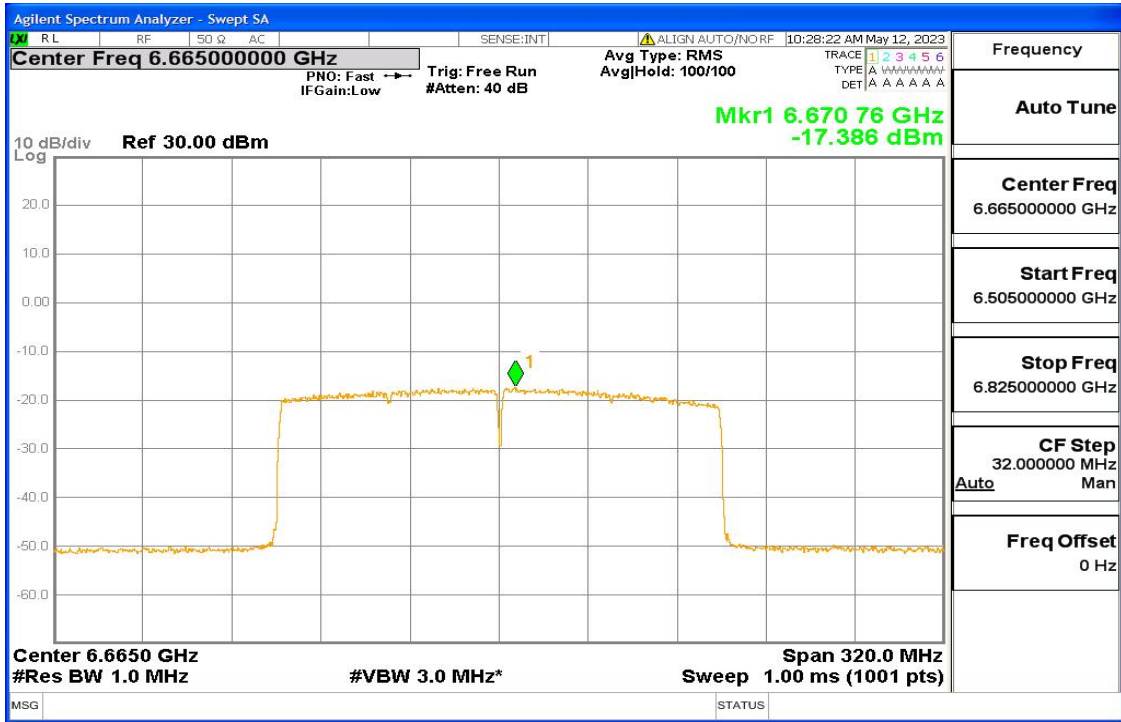
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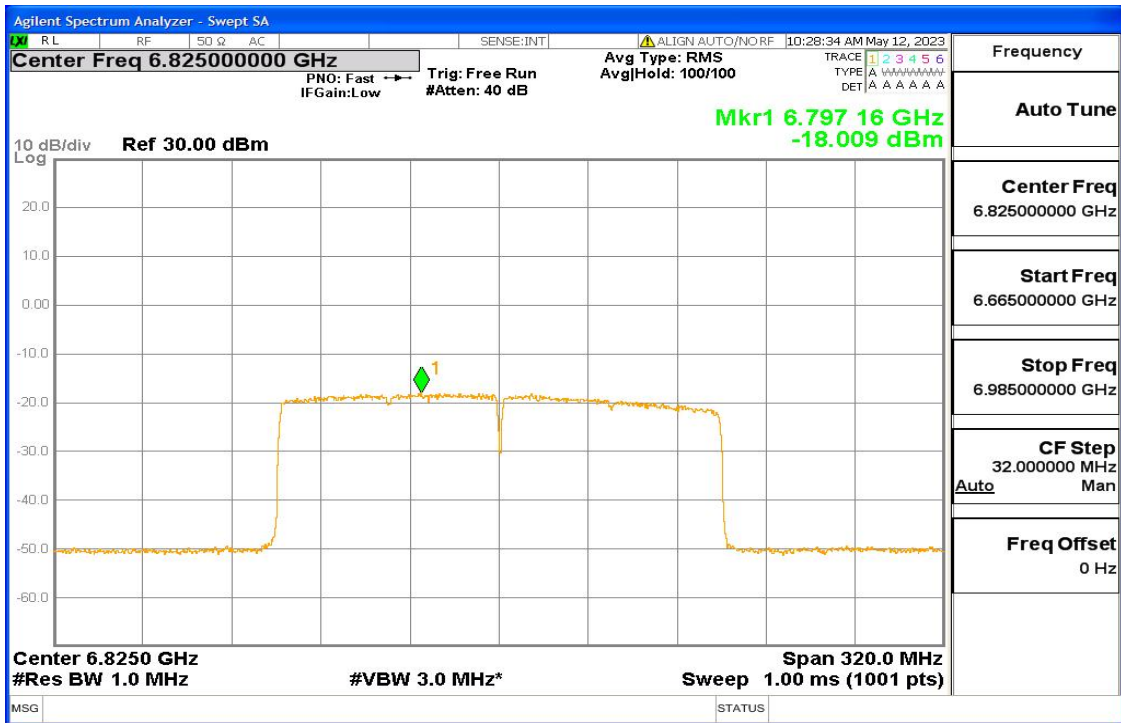
11ax-HE160 Fig4

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11ax-HE160 Fig5



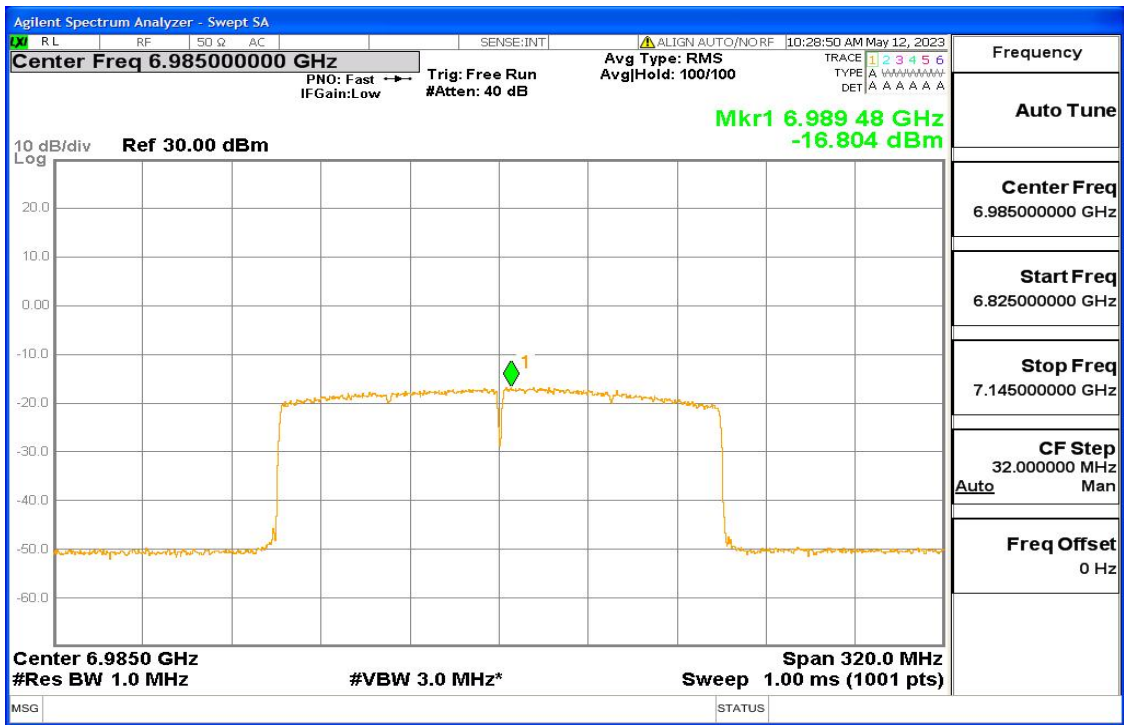
11ax-HE160 Fig6

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11ax-HE160 Fig7

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6.4. 99% Occupied Bandwidth

Specifications:	FCC Part 15.407 (a)
DUT Serial Number:	S1
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	N/A

Limit Level Construction:

Standard	Limit
--	--

Measurement Uncertainty:

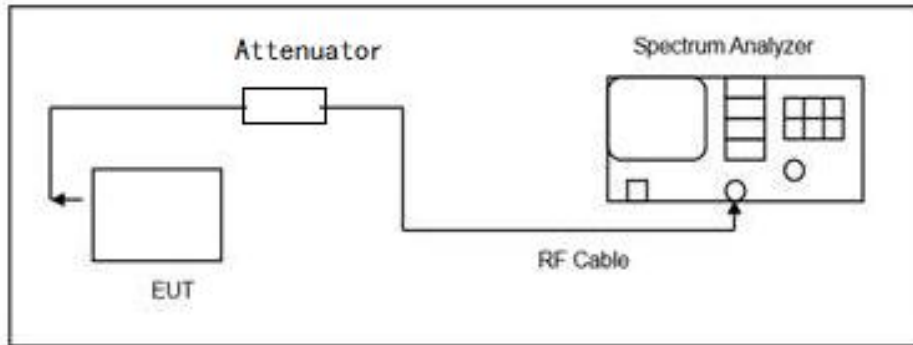
Measurement Uncertainty	±10.04kHz
-------------------------	-----------

Test Procedure

The measurement is according to ANSI C63.10 clause6.9.3

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1% to 5% of the OBW
4. Set VBW $\geq 3 \times$ RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99% power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99% power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

Test block diagram:



Measurement Results:

Chain.0

Mode	Channel	OBW(MHz)	
802.11ax-HE20	1	Fig.1	19.070
	45	Fig.2	19.084
	93	Fig.3	19.076
	97	Fig.4	19.083
	105	Fig.5	19.082
	113	Fig.6	19.067
	117	Fig.7	19.090
	149	Fig.8	19.088
	181	Fig.9	19.096
	185	Fig.10	19.132
	209	Fig.11	18.045
	233	Fig.12	18.021
802.11ax-HE40	3	Fig.1	38.246
	43	Fig.2	38.214
	91	Fig.3	38.127
	99	Fig.4	38.240
	107	Fig.5	38.198
	115	Fig.6	38.247
	123	Fig.7	38.217
	147	Fig.8	38.147
	179	Fig.9	38.196
	187	Fig.10	38.147
	203	Fig.11	38.196

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	227	Fig.12	38.228
802.11ax-HE80	7	Fig.1	77.643
	39	Fig.2	77.353
	87	Fig.3	77.204
	103	Fig.4	77.048
	119	Fig.5	77.984
	151	Fig.6	77.305
	183	Fig.7	77.225
	199	Fig.8	78.152
	215	Fig.9	77.212
802.11ax-HE160	15	Fig.1	157.26
	47	Fig.2	157.28
	79	Fig.3	156.81
	111	Fig.4	157.23
	143	Fig.5	156.69
	175	Fig.6	157.17
	207	Fig.7	156.76

Chain.1

Mode	Channel	OBW(MHz)	
802.11ax-HE20	1	Fig.1	19.082
	45	Fig.2	19.085
	93	Fig.3	19.079
	97	Fig.4	19.081
	105	Fig.5	19.077
	113	Fig.6	19.077
	117	Fig.7	19.083
	149	Fig.8	19.080
	181	Fig.9	19.076
	185	Fig.10	19.156
	209	Fig.11	17.983
	233	Fig.12	18.076
802.11ax-HE40	3	Fig.1	38.236
	43	Fig.2	38.161
	91	Fig.3	38.226
	99	Fig.4	38.207
	107	Fig.5	38.297
	115	Fig.6	38.320

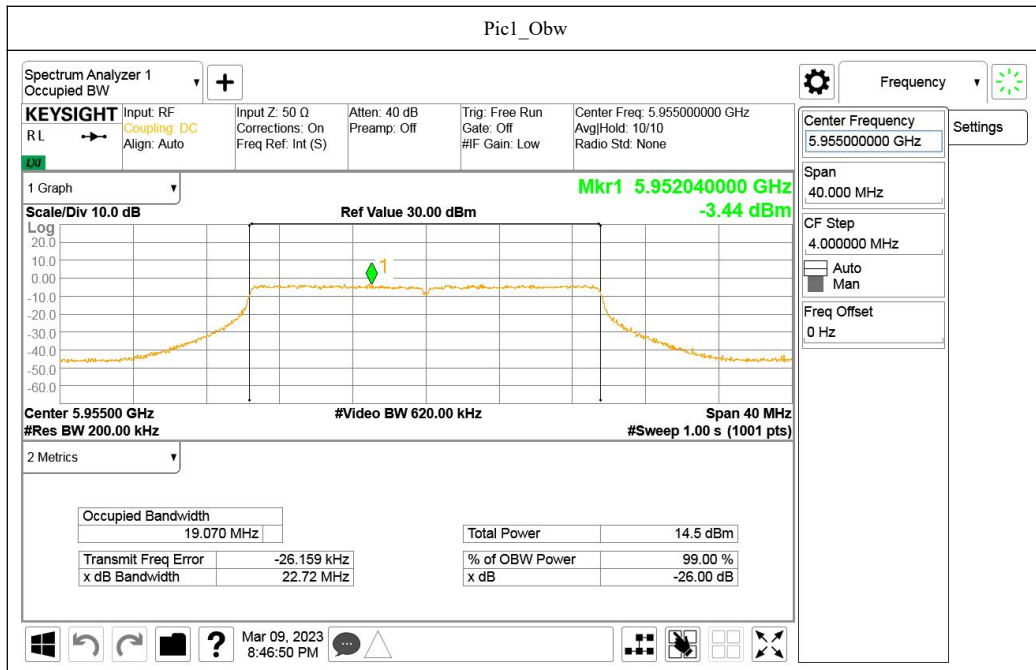
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	123	Fig.7	38.242
	147	Fig.8	38.277
	179	Fig.9	38.257
	187	Fig.10	38.256
	203	Fig.11	38.242
	227	Fig.12	38.237
802.11ax-HE80	7	Fig.1	78.123
	39	Fig.2	77.438
	87	Fig.3	77.179
	103	Fig.4	77.974
	119	Fig.5	78.125
	151	Fig.6	77.410
	183	Fig.7	77.301
	199	Fig.8	77.467
802.11ax-HE160	15	Fig.1	156.86
	47	Fig.2	157.28
	79	Fig.3	156.81
	111	Fig.4	157.57
	143	Fig.5	157.31
	175	Fig.6	157.17
	207	Fig.7	156.73

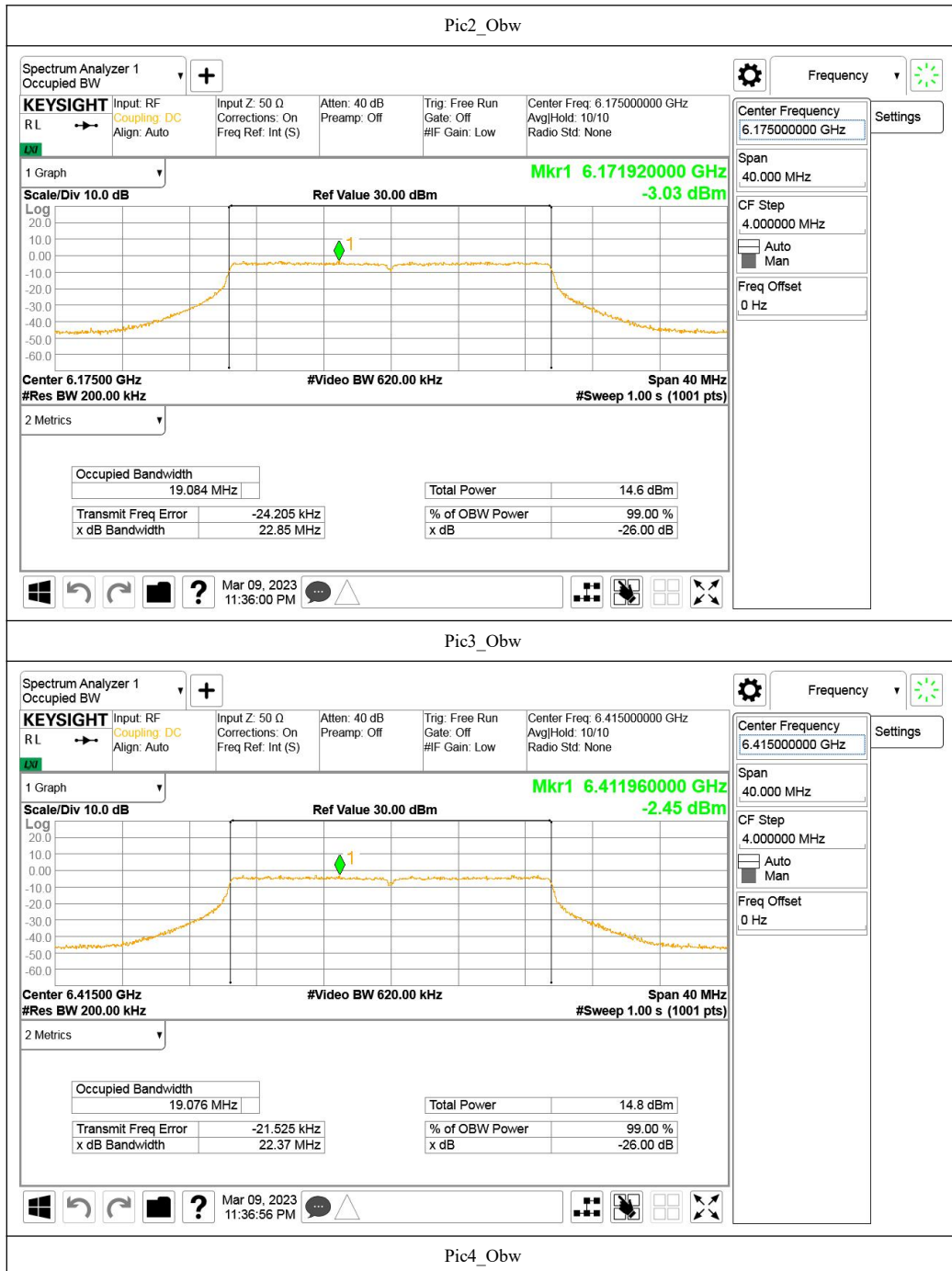
Test figure as below:

11ax-HE20:



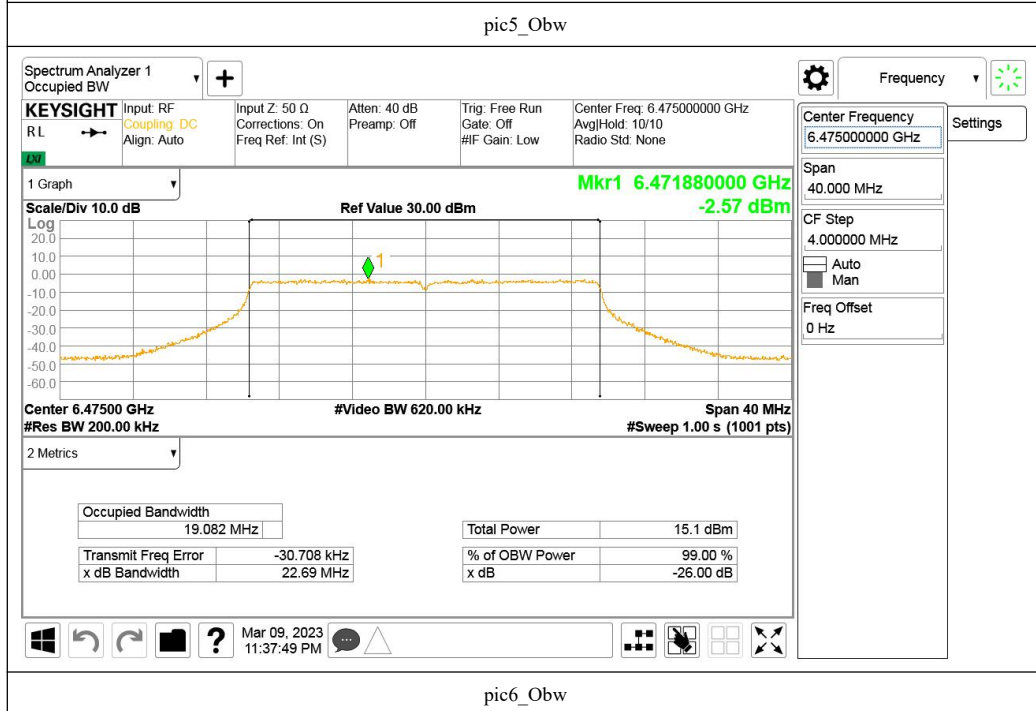
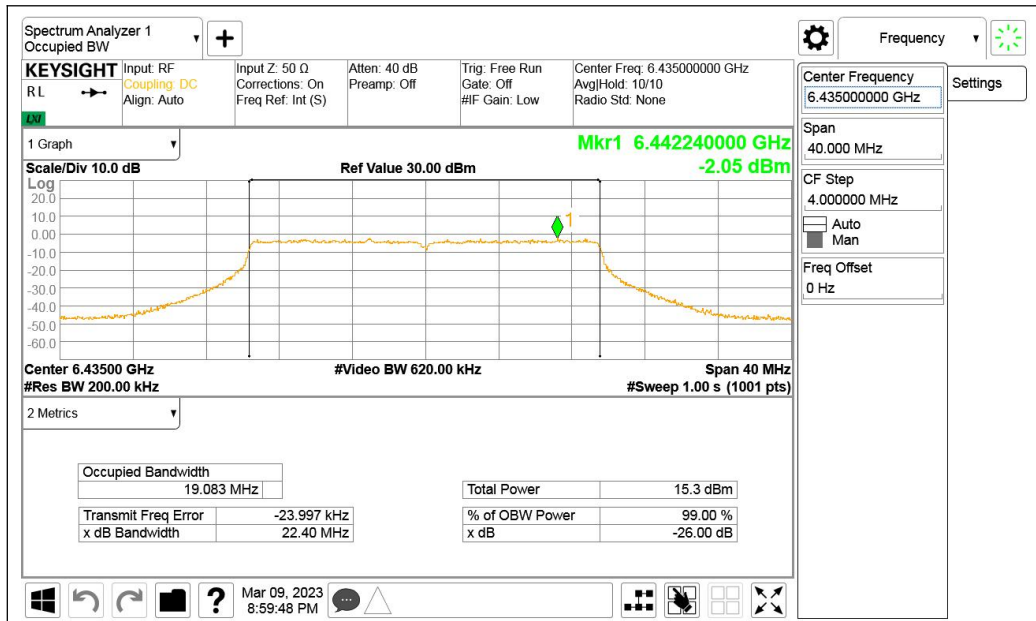
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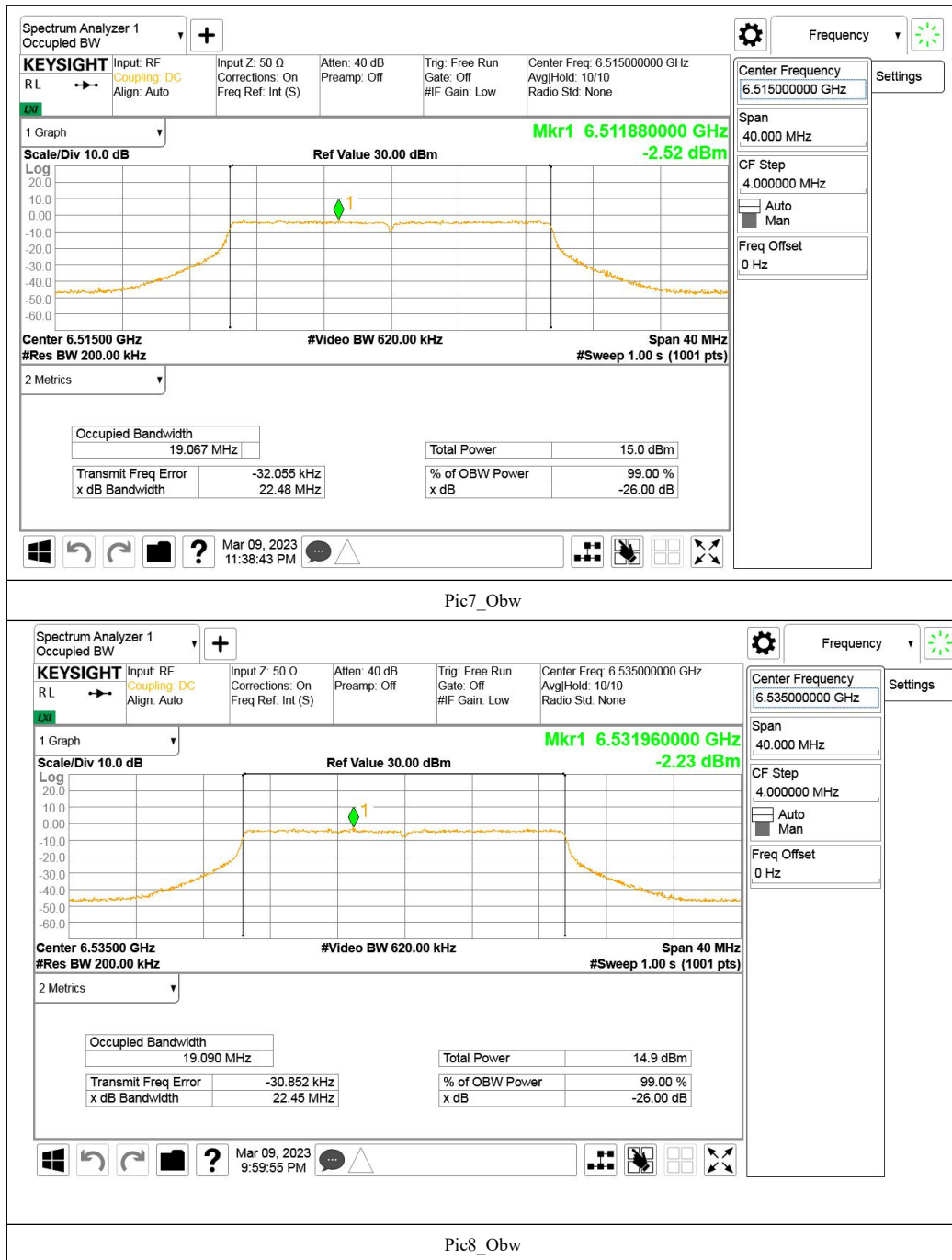
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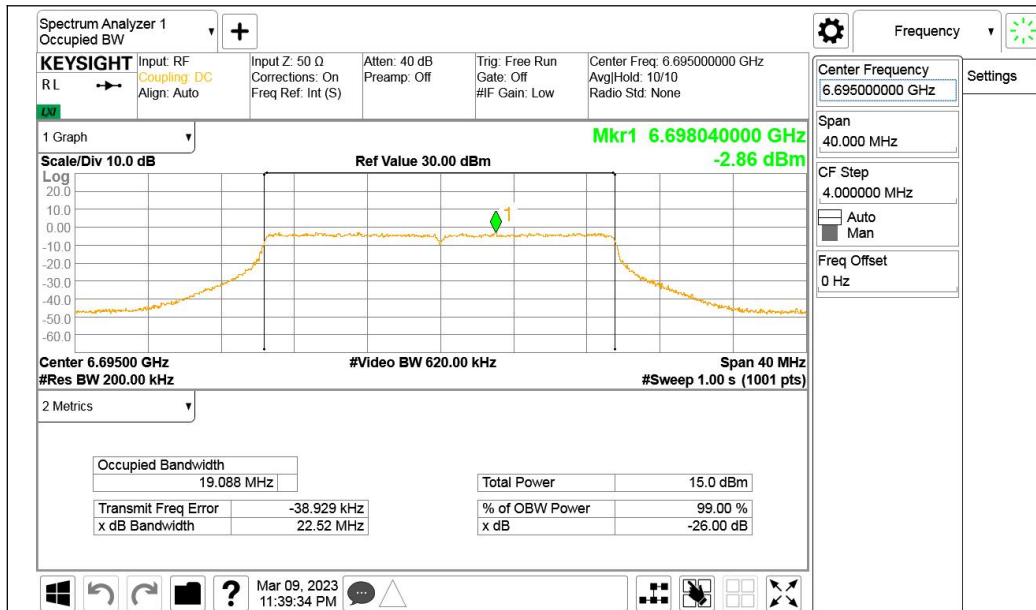
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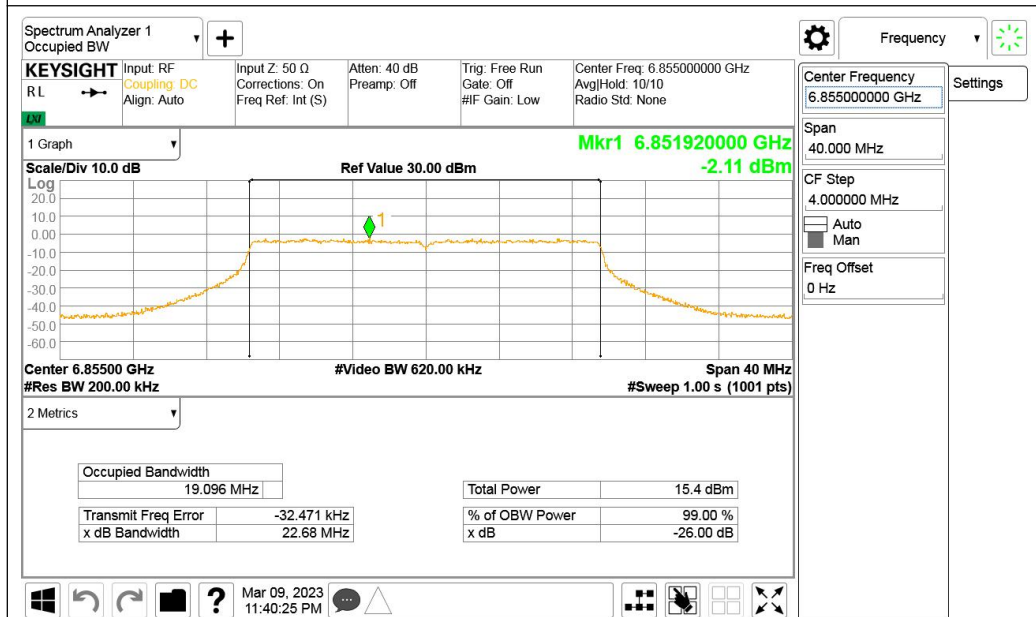


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Pic9_Obw



Pic10_Obw

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