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Appendix B:
802.11ax
Test Plot

FCC ID
BEJLGSBWAX12

REVISION HISTORY

The revision history for this document is shown in table.

Revision No.	Date of Issue	Description
0	January 07, 2021	Initial Release
1	February 22, 2021	Page 44 ~ 55, Added PSD Plots

Note:

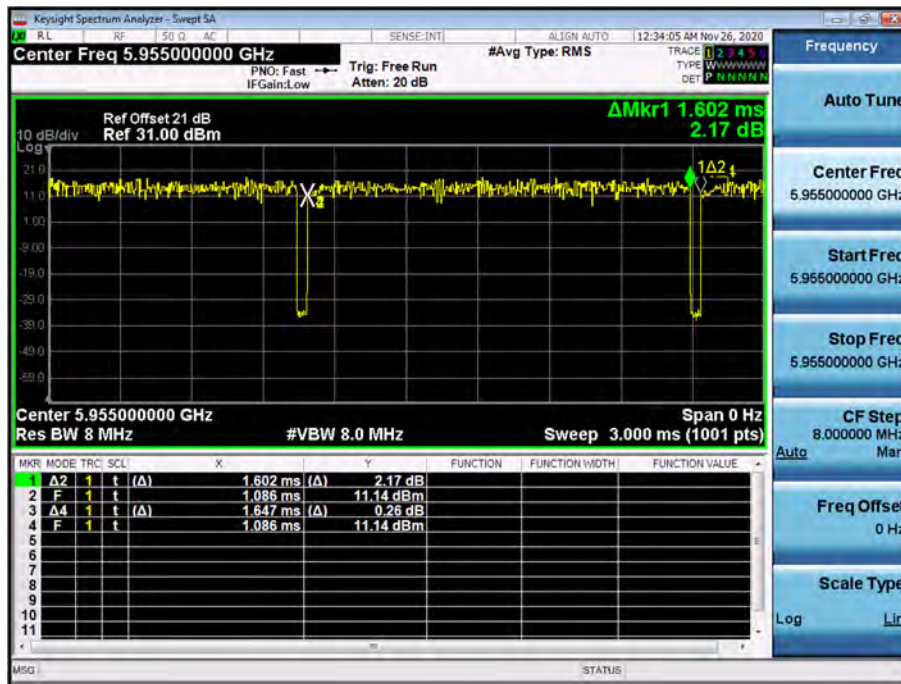
In order to simplify the report, attached plots were only the most lowest datarate.

1. Duty Cycle

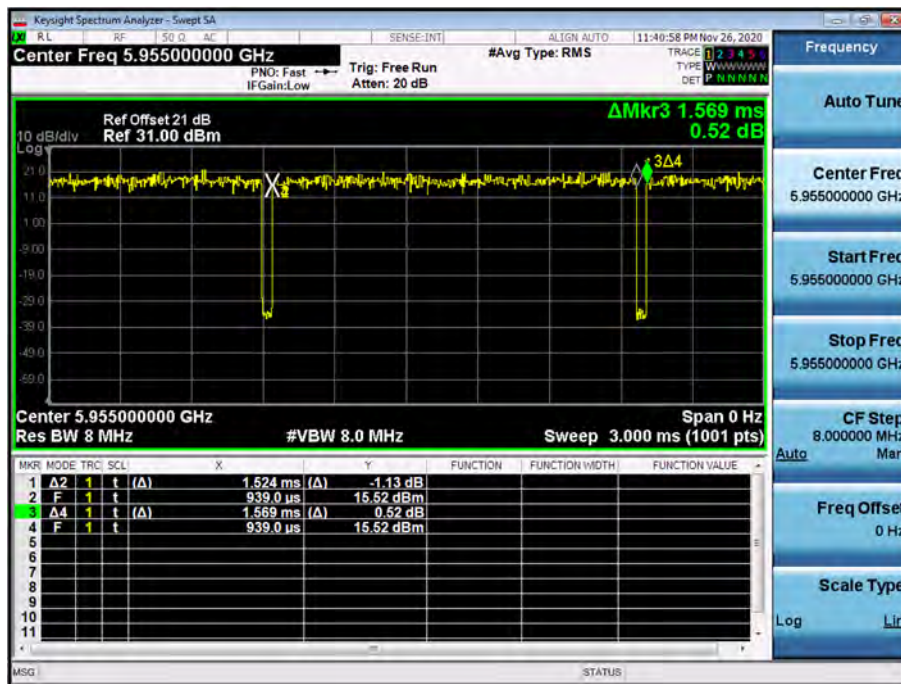
Note:

In order to simplify the report, attached plots were only the most lowest datarate.

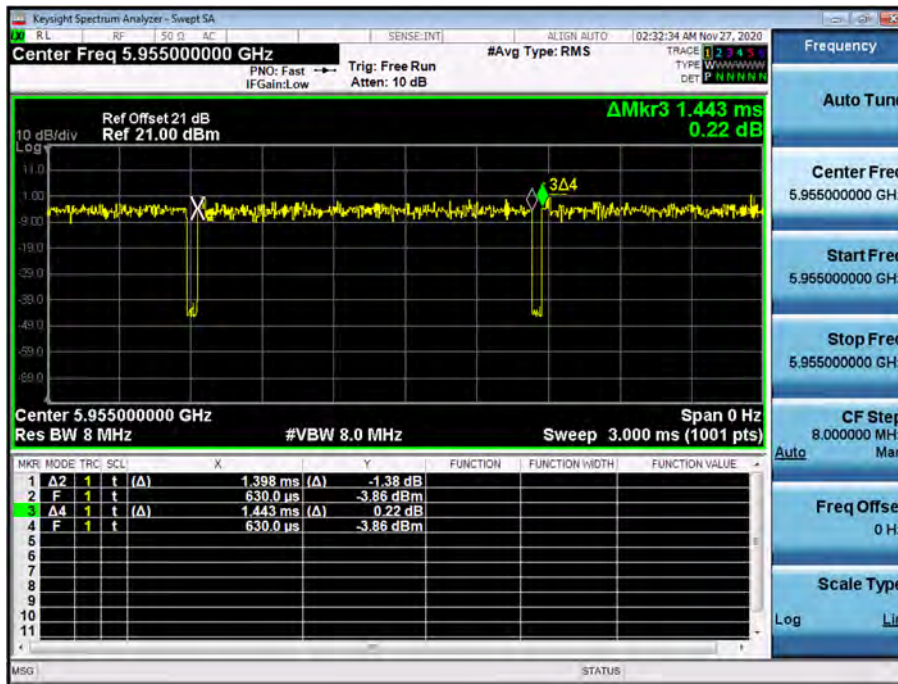
Bandwidth 20M Ch.1(5955 MHz) 26Tone MCS0



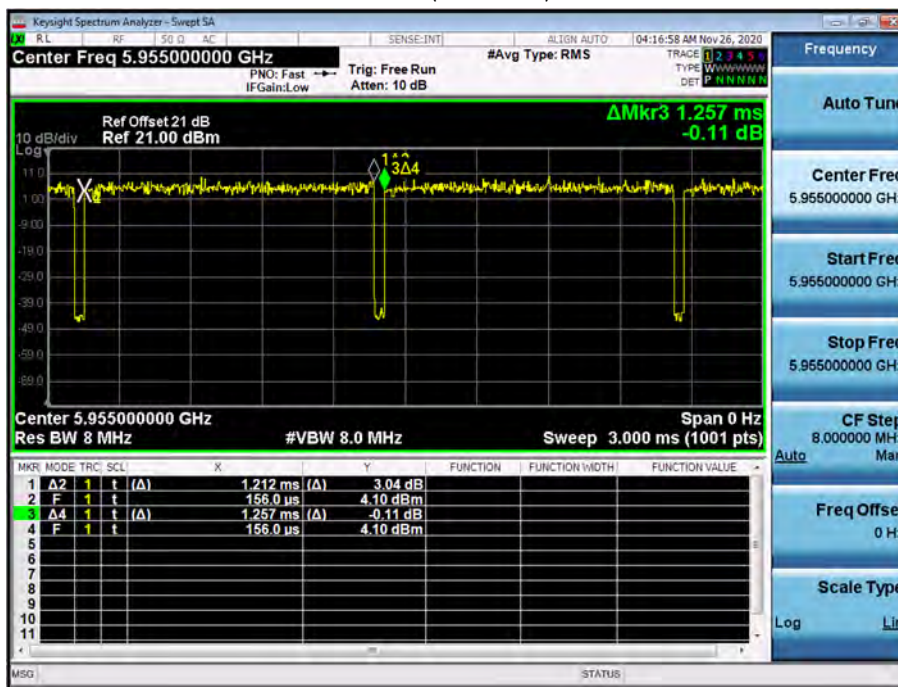
Bandwidth 20M Ch.1(5955 MHz) 52Tone MCS0



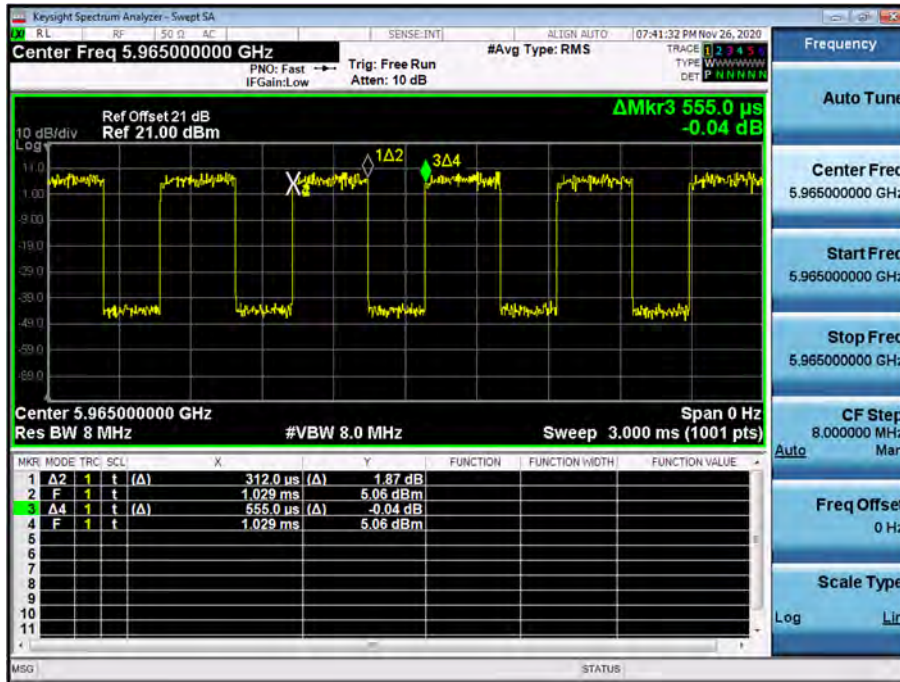
Bandwidth 20M Ch.1(5955 MHz) 106Tone MCS0



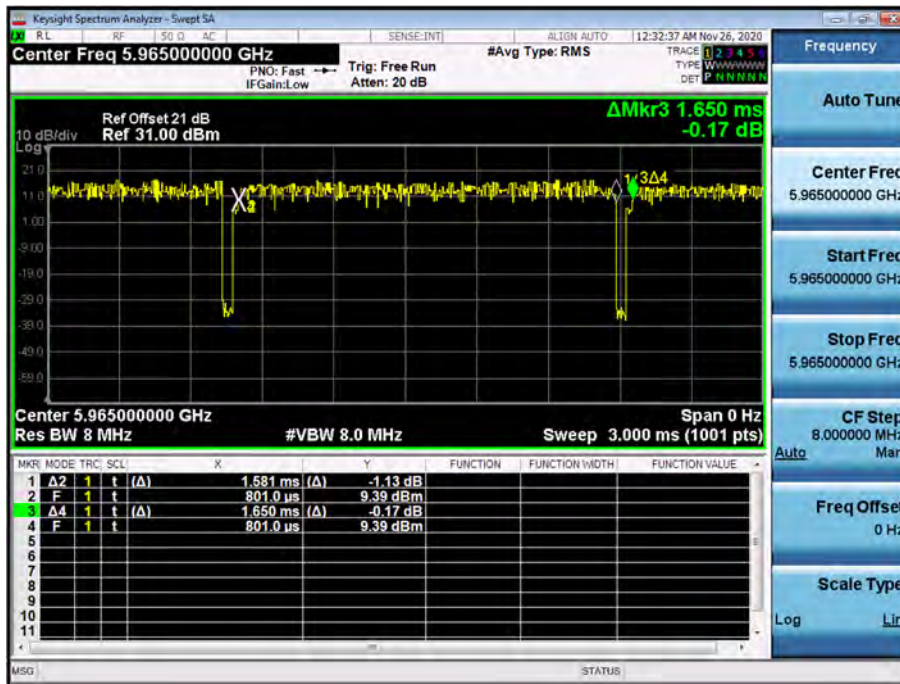
Bandwidth 20M Ch.1(5955 MHz) 242Tone MCS0



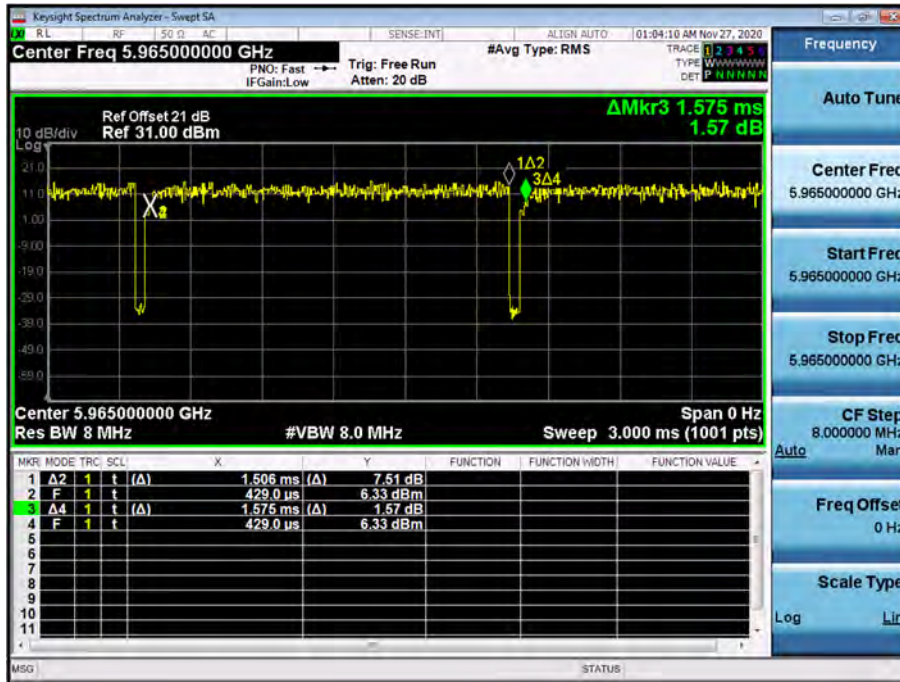
Bandwidth 20M Ch.1(5955 MHz) SU MCS0



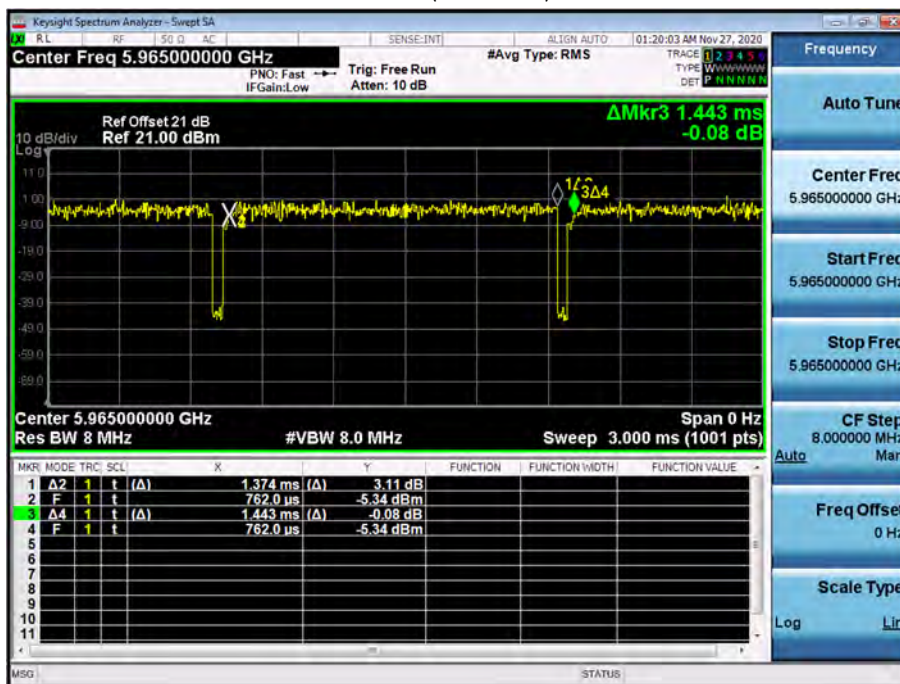
Bandwidth 40M Ch.3(5965 MHz) 26Tone MCS0



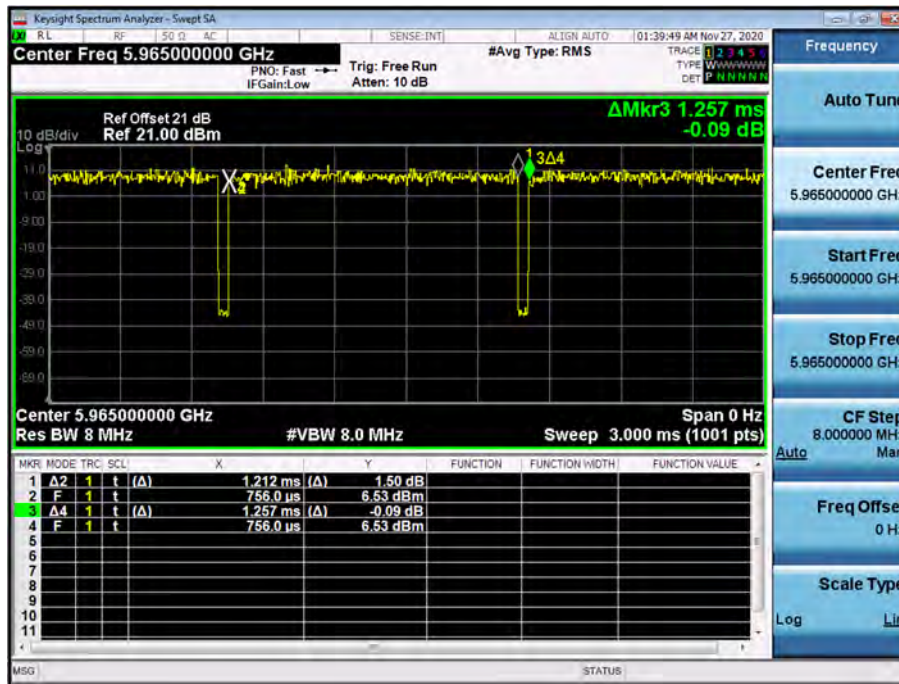
Bandwidth 40M Ch.3(5965 MHz) 52Tone MCS0



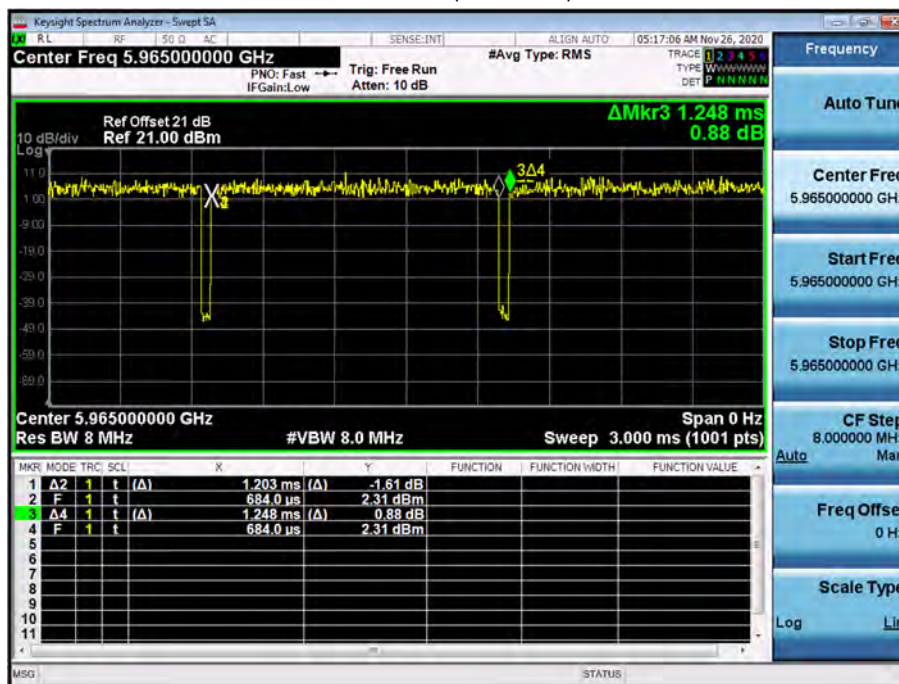
Bandwidth 40M Ch.3(5965 MHz) 106Tone MCS0



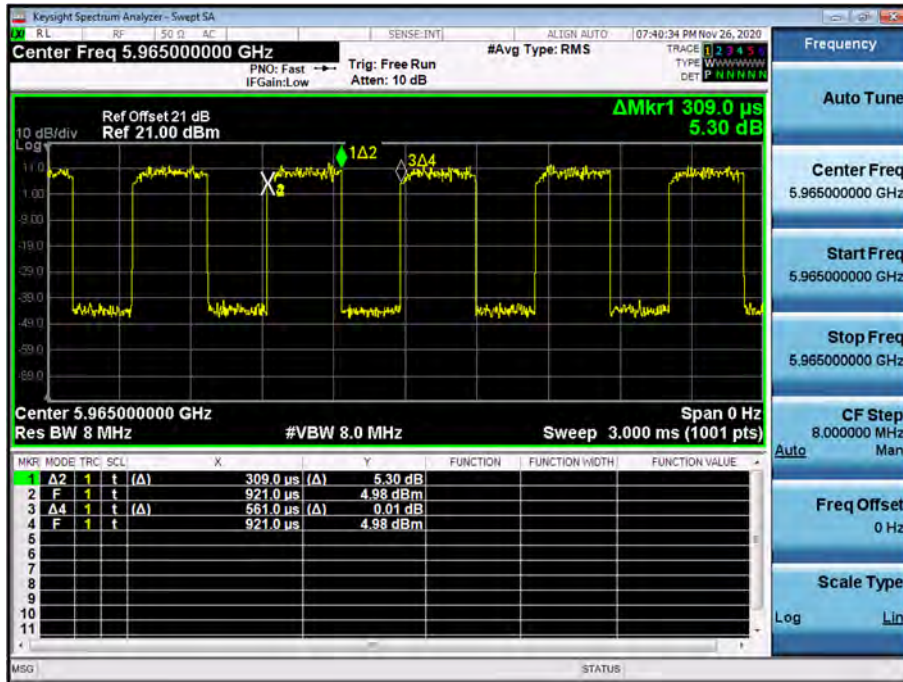
Bandwidth 40M Ch.3(5965 MHz) 242Tone MCS0



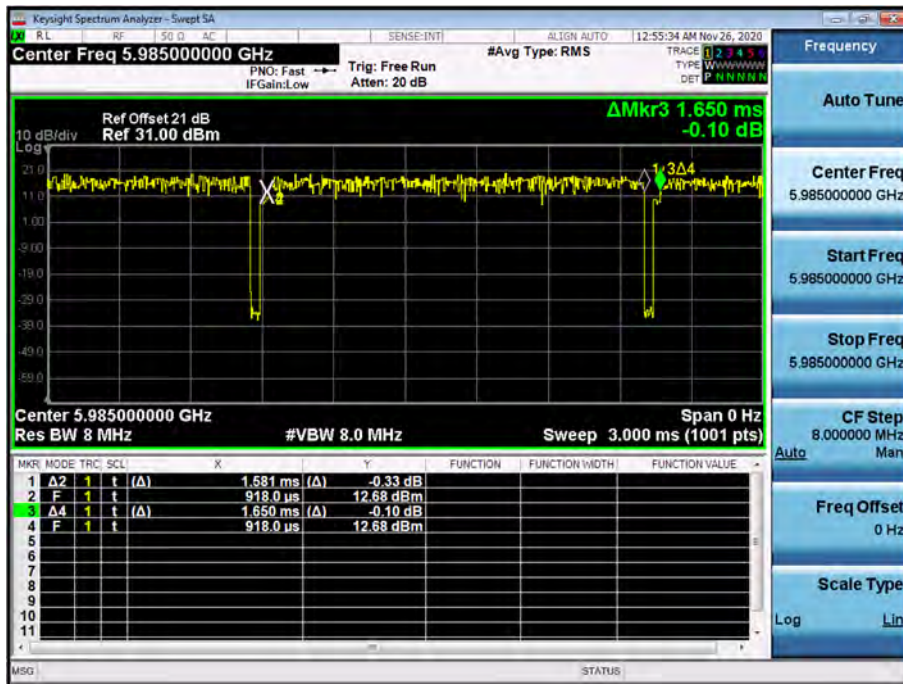
Bandwidth 40M Ch. Ch.3(5965 MHz) 484Tone MCS0



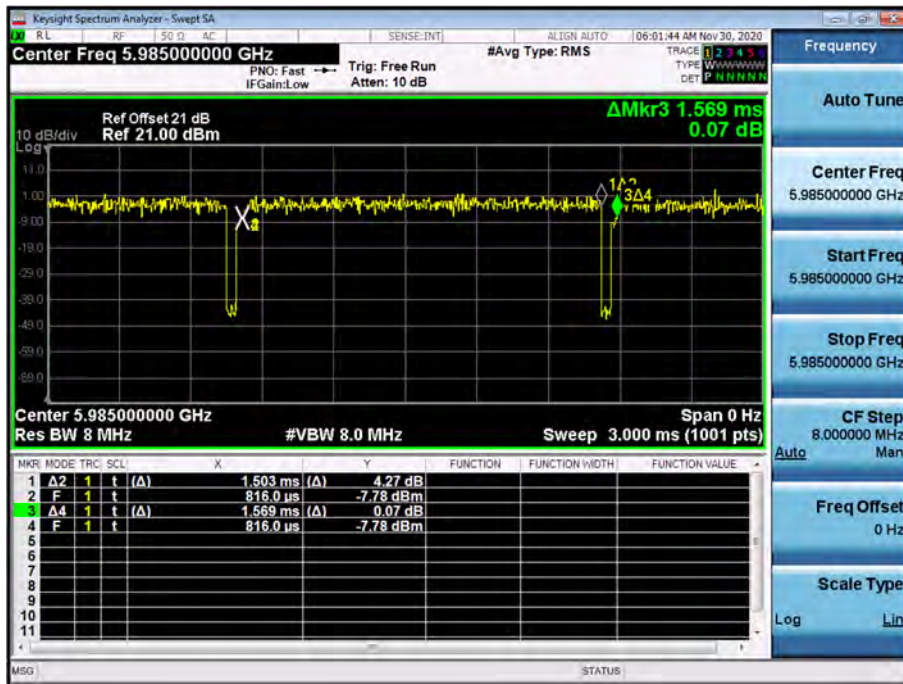
Bandwidth 40M Ch.3(5965 MHz) SU MCS0



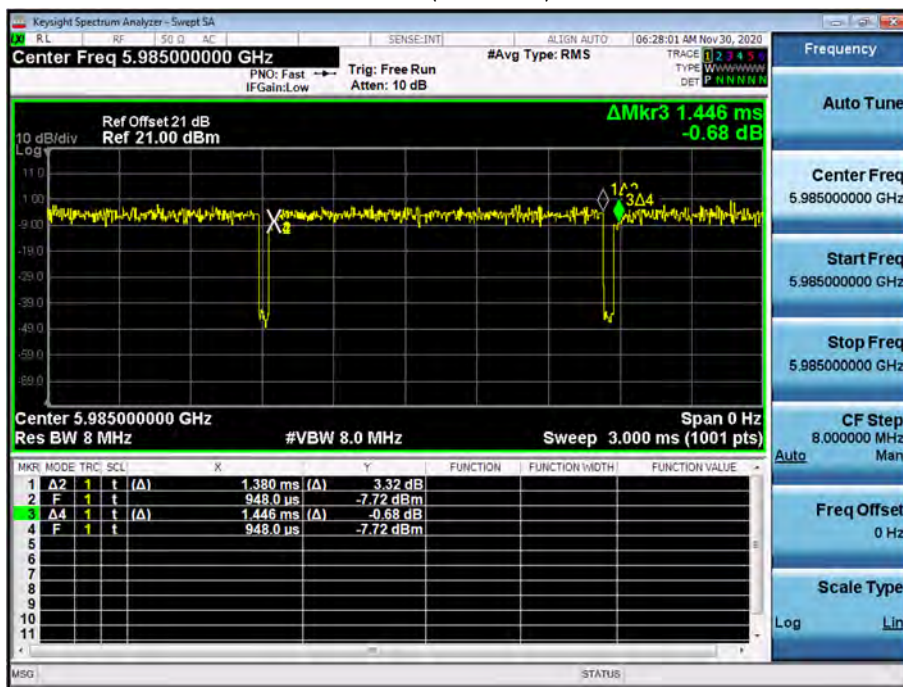
Bandwidth 80M Ch.7(5985 MHz) 26Tone MCS0



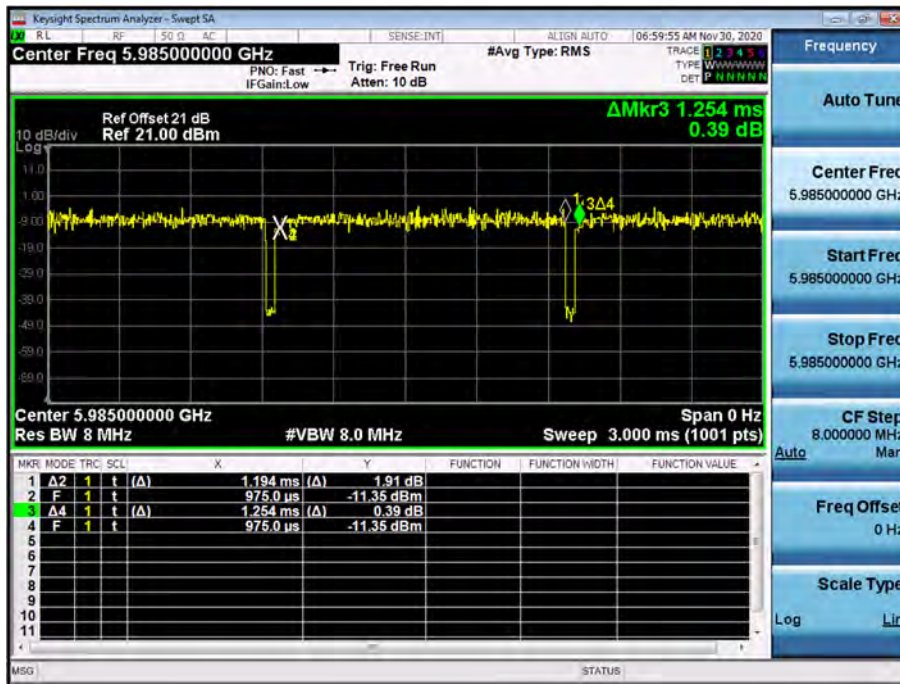
Bandwidth 80M Ch.7(5985 MHz) 52Tone MCS0



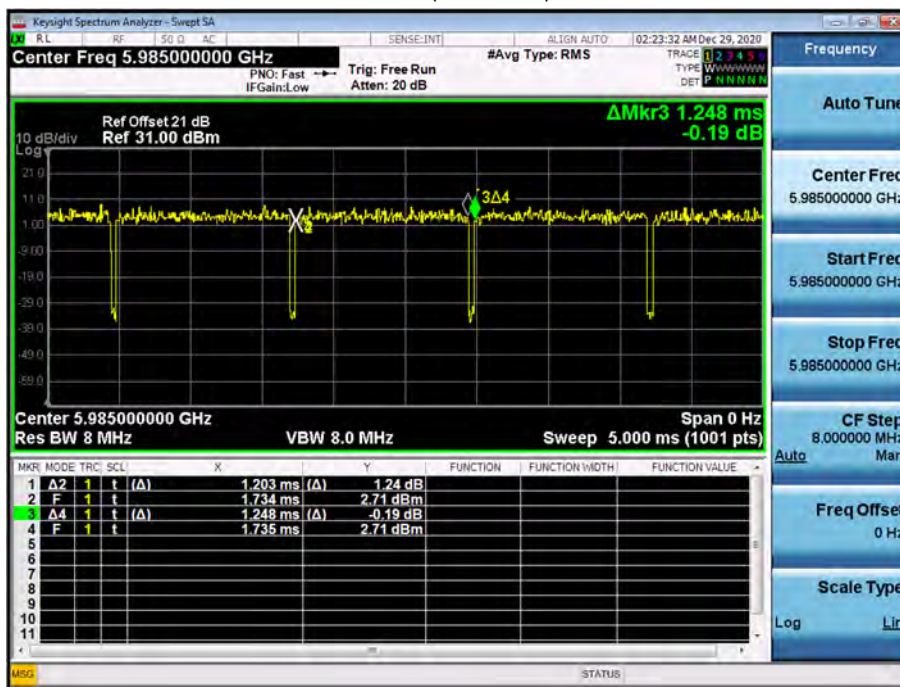
Bandwidth 80M Ch.7(5985 MHz) 106Tone MCS0



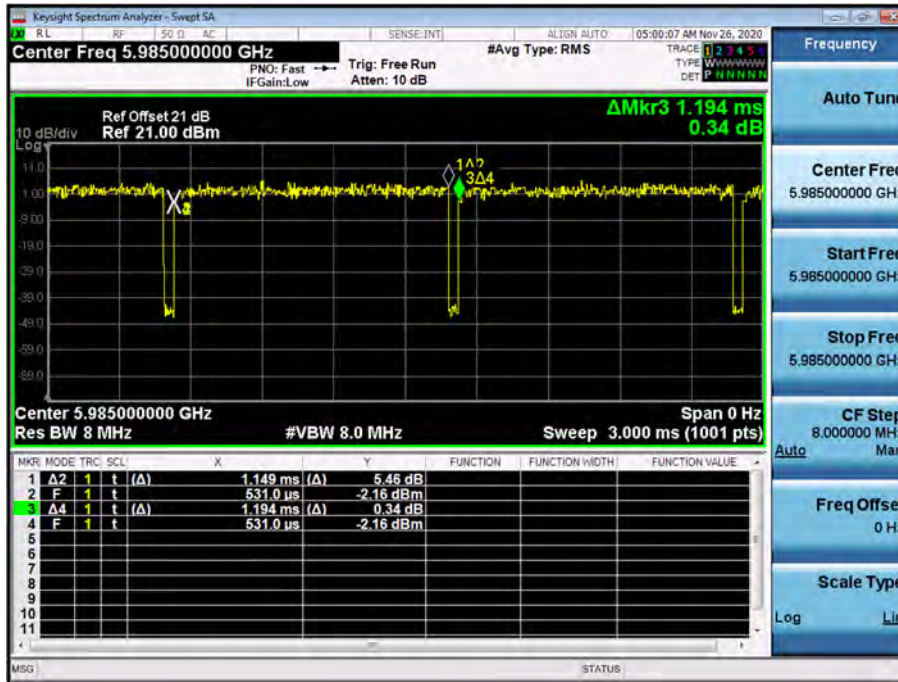
Bandwidth 80M Ch.7(5985 MHz) 242Tone MCS0



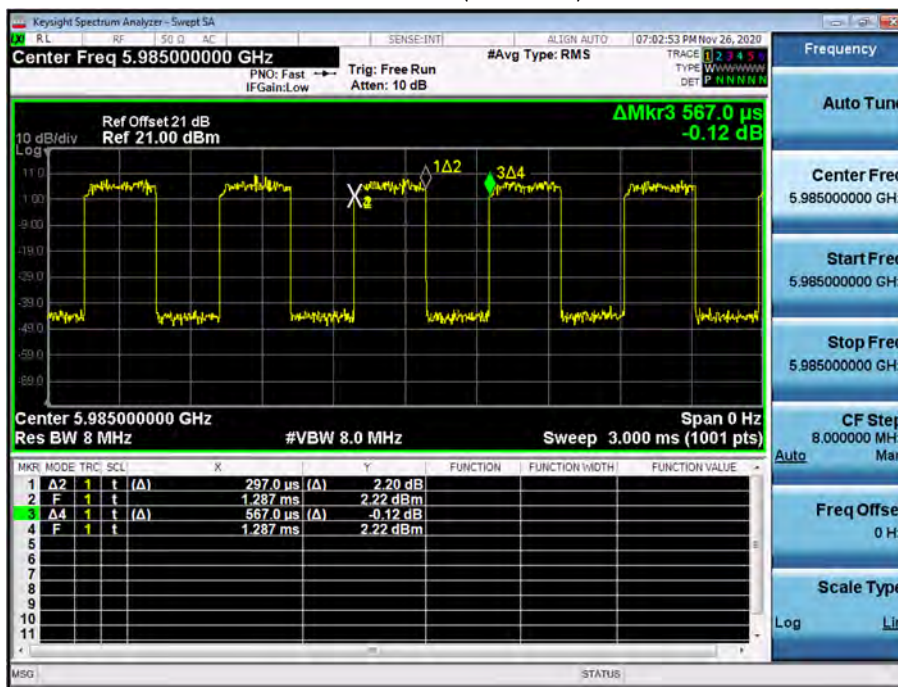
Bandwidth 80M Ch.7(5985 MHz) 484Tone MCS0



Bandwidth 80M Ch.7(5985 MHz) 996Tone MCS0



Bandwidth 80M Ch.7(5985 MHz) SU MCS0

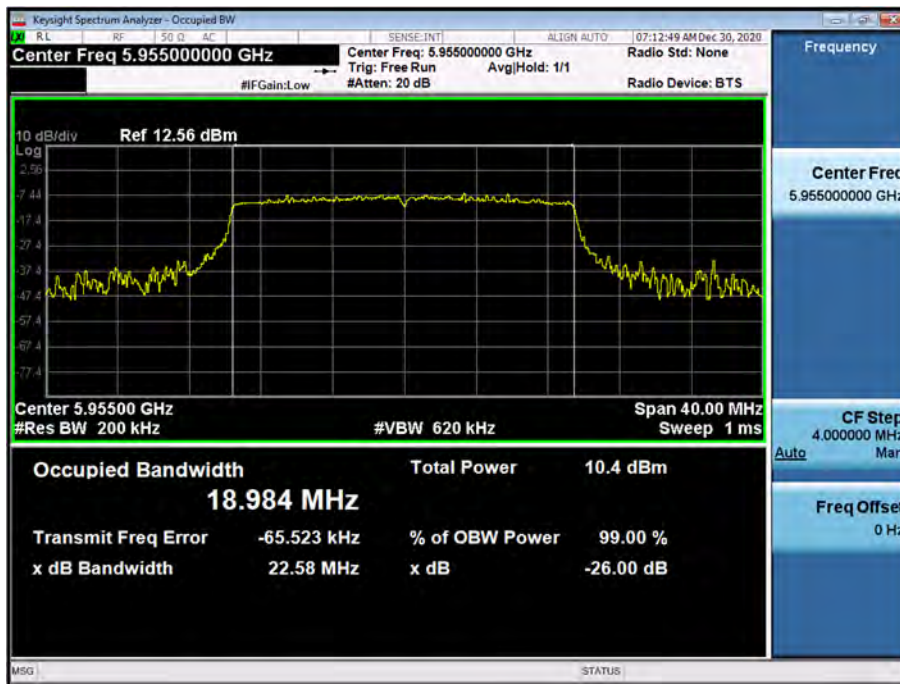


2. 26dB Bandwidth

Note:

1. In order to simplify the report, attached plots were only Ant.2 (Worst Case: Ant.2).
2. In order to simplify the report, attached plots were only the most wide channel.

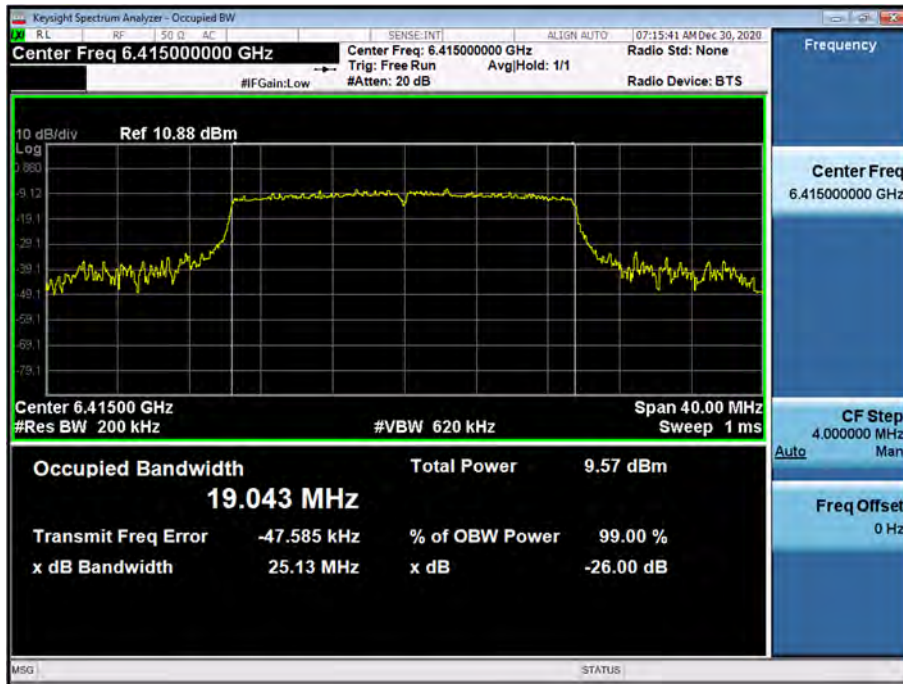
Bandwidth 20M Ch.1(5955 MHz) 242 T



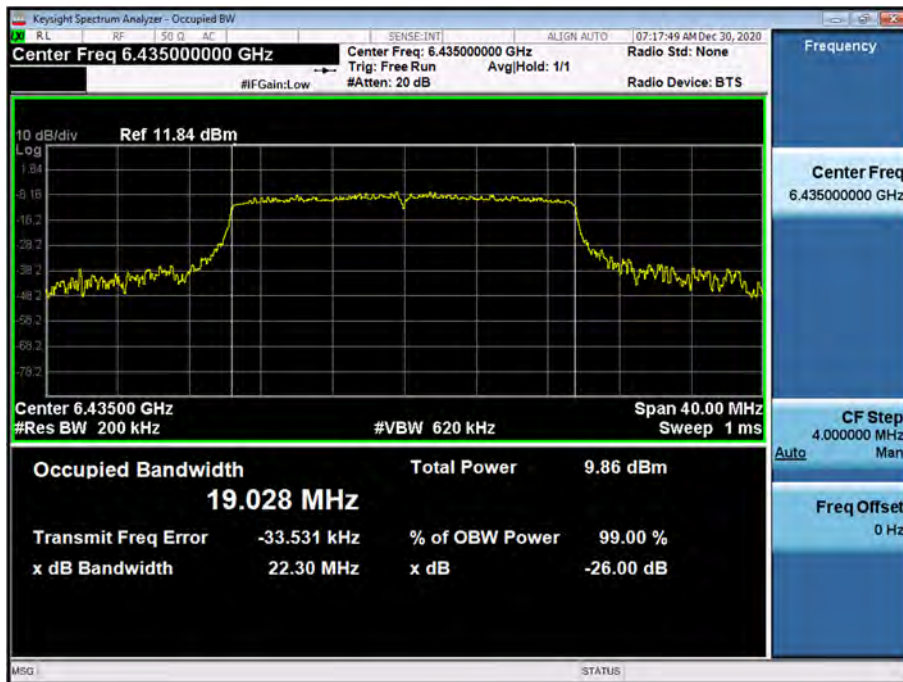
Bandwidth 20M Ch.45(6175 MHz) 242 T



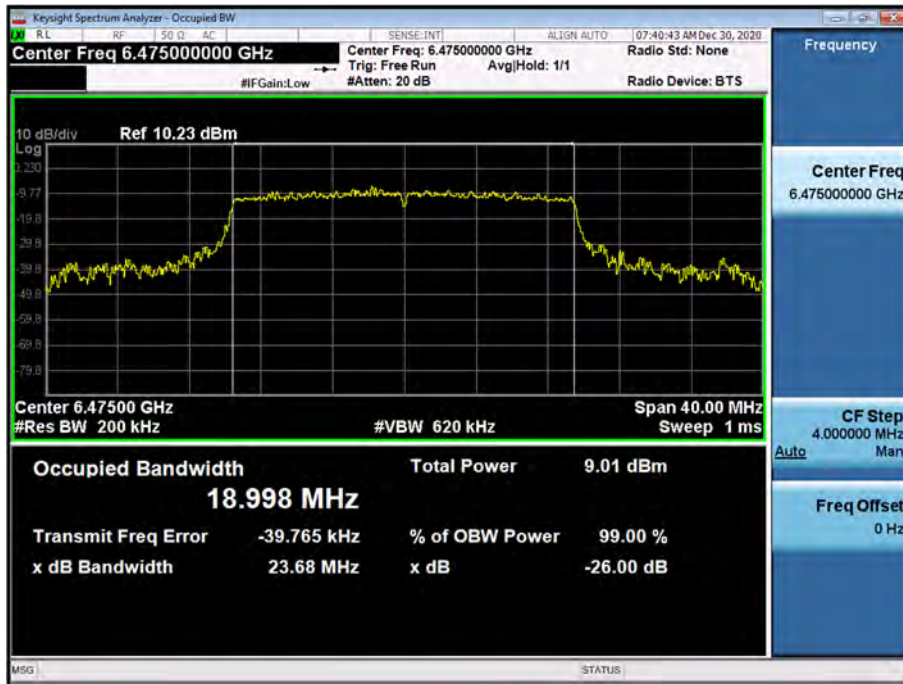
Bandwidth 20M Ch.93(6415 MHz) 242 T



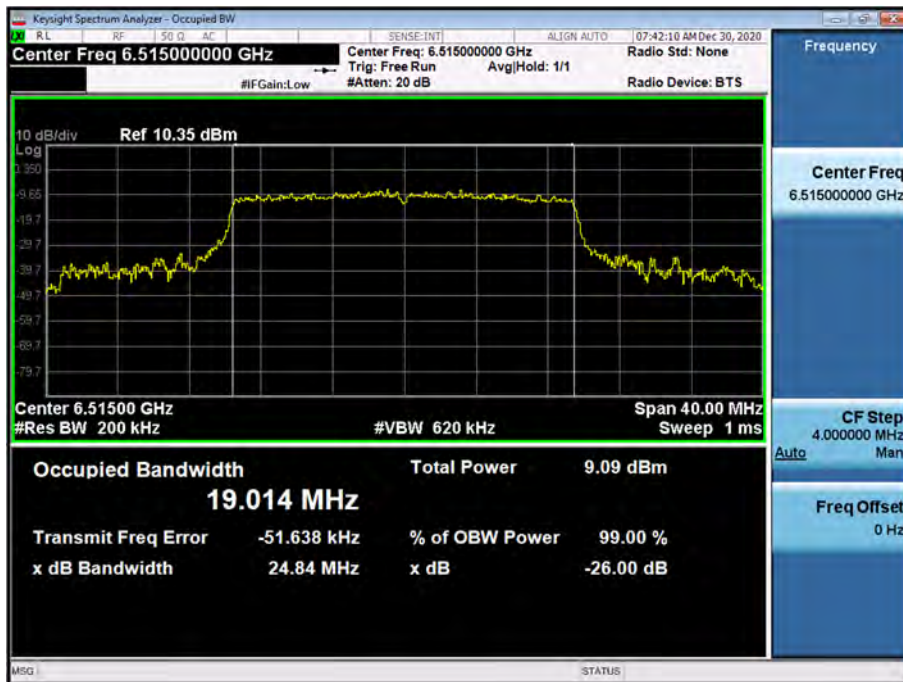
Bandwidth 20M Ch.97(6435 MHz) 242 T



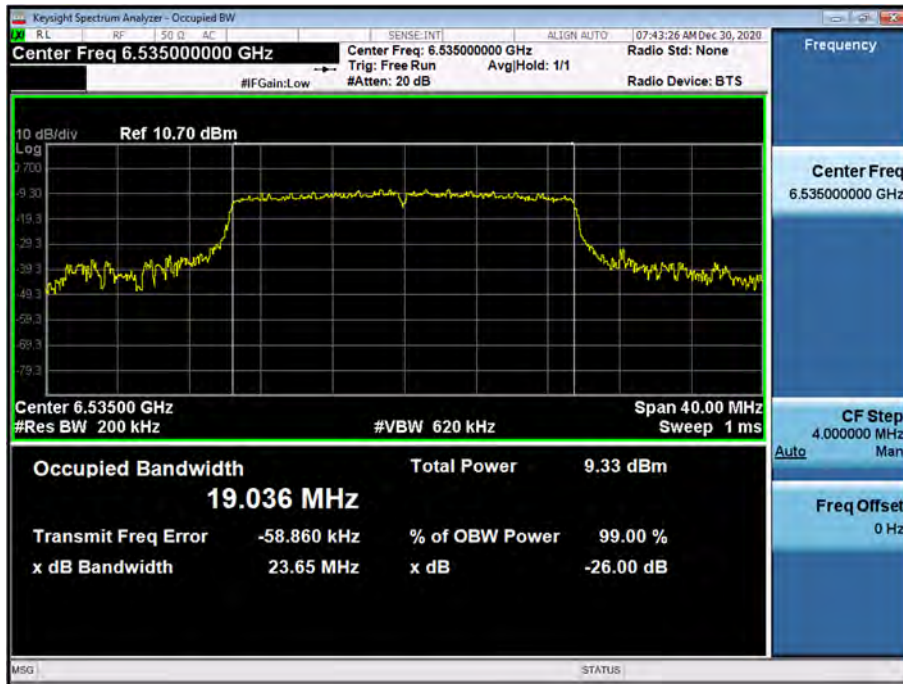
Bandwidth 20M Ch.105(6475 MHz) SU



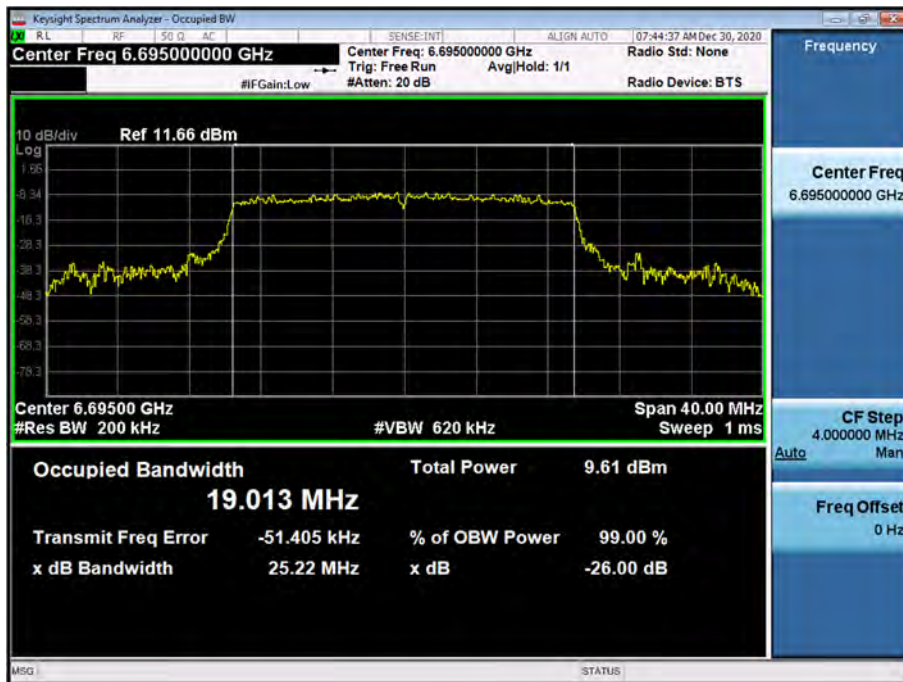
Bandwidth 20M Ch.113(6515 MHz) SU



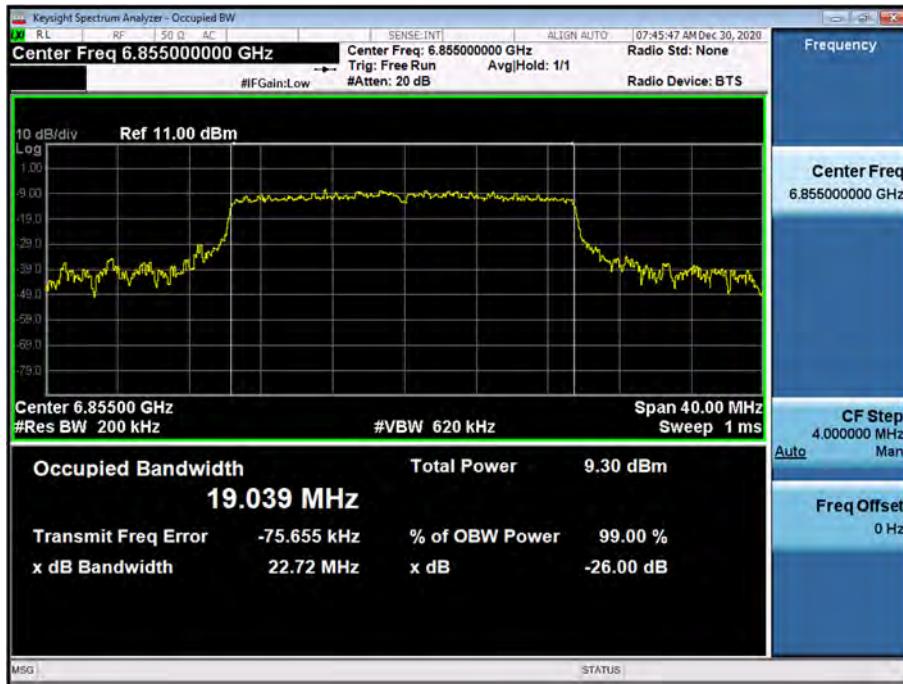
Bandwidth 20M Ch.117(6535 MHz) SU



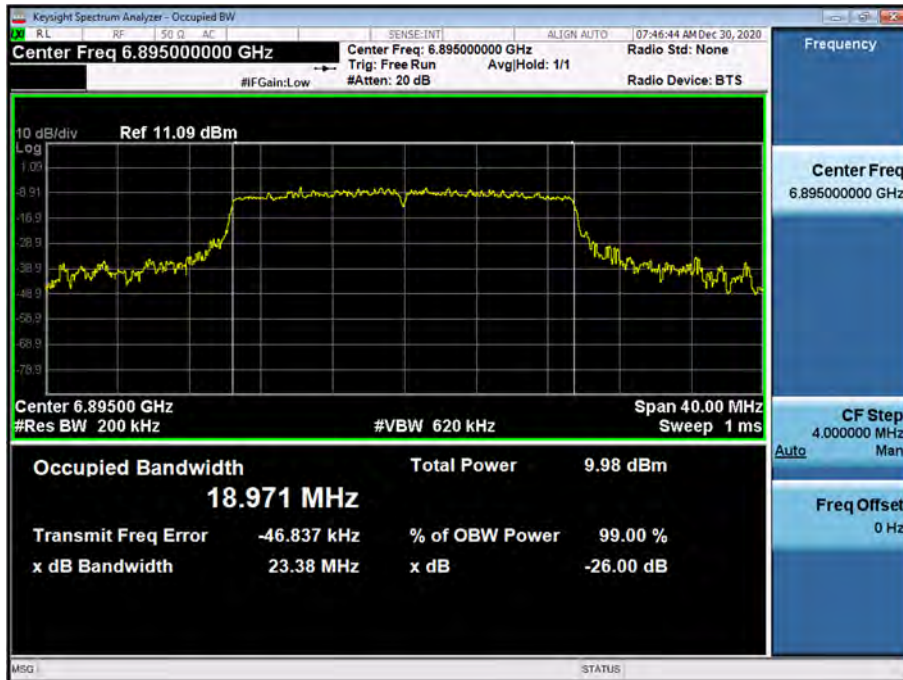
Bandwidth 20M Ch.149(6695 MHz) SU



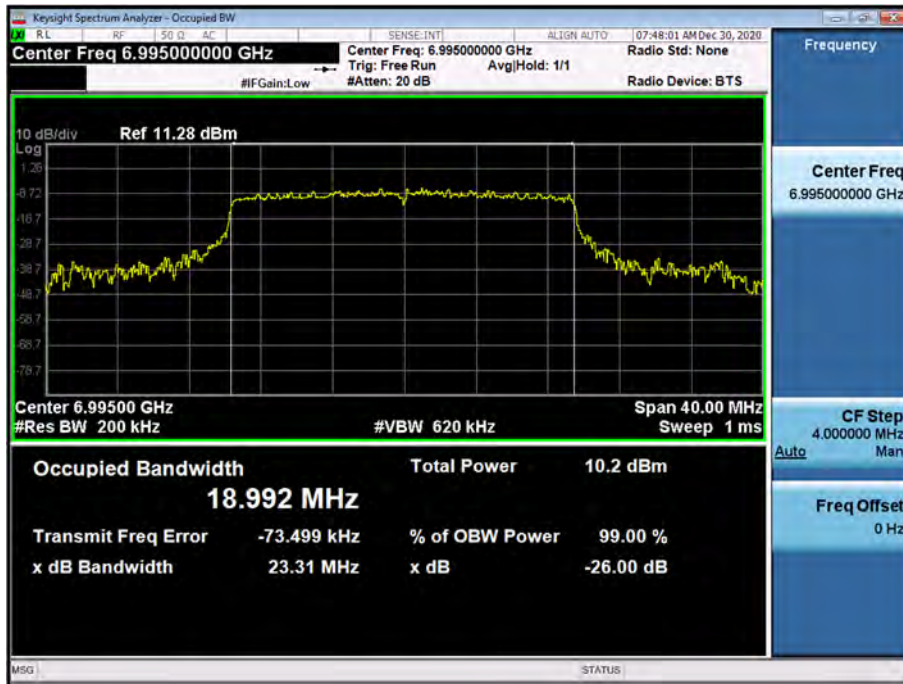
Bandwidth 20M Ch.181(6855 MHz) SU



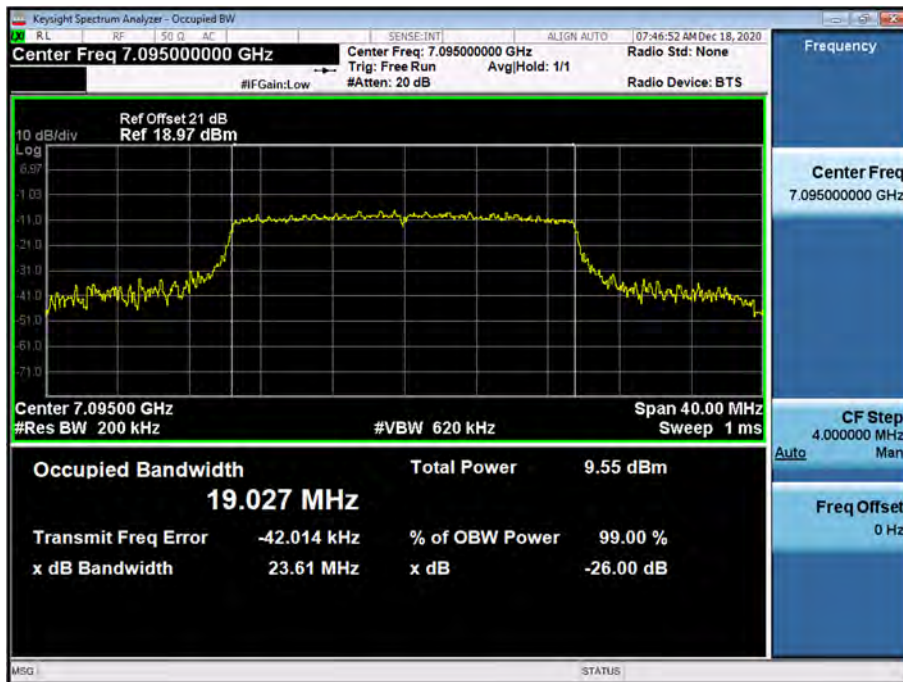
Bandwidth 20M Ch.189(6895 MHz) SU



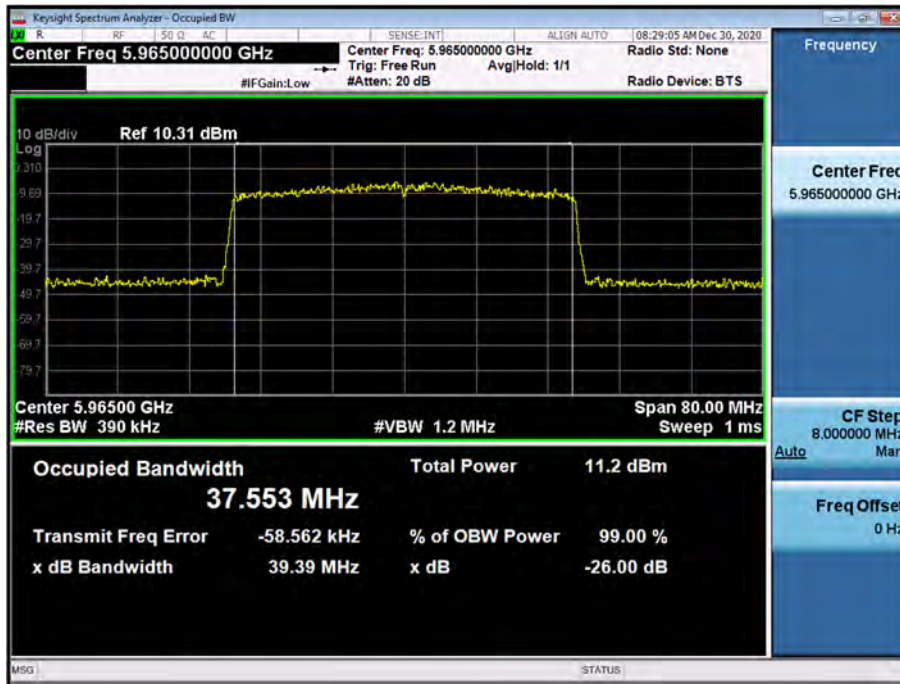
Bandwidth 20M Ch.209(6995 MHz) SU



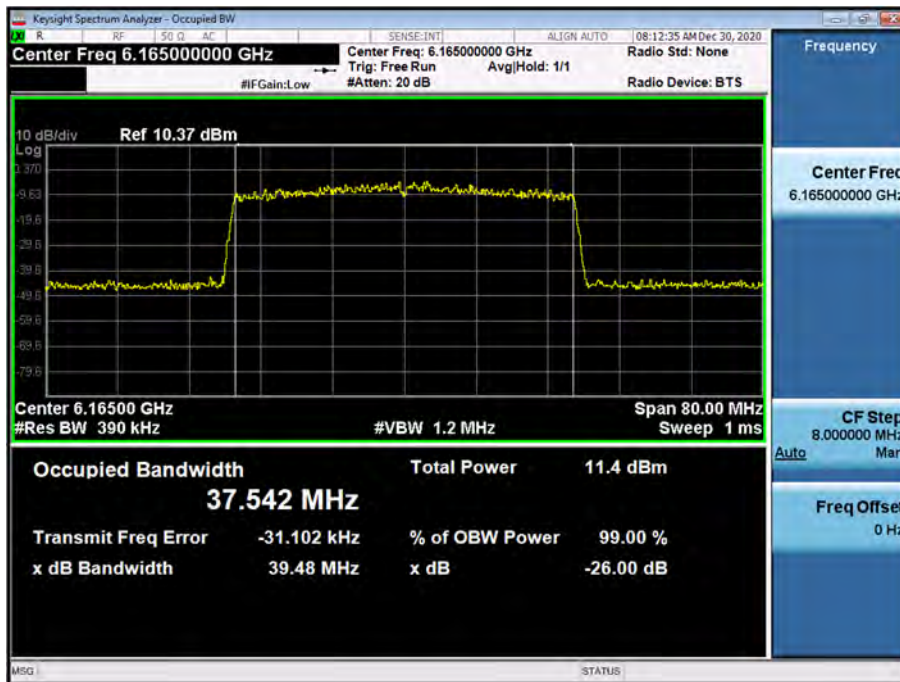
Bandwidth 20M Ch.229(7095 MHz) SU



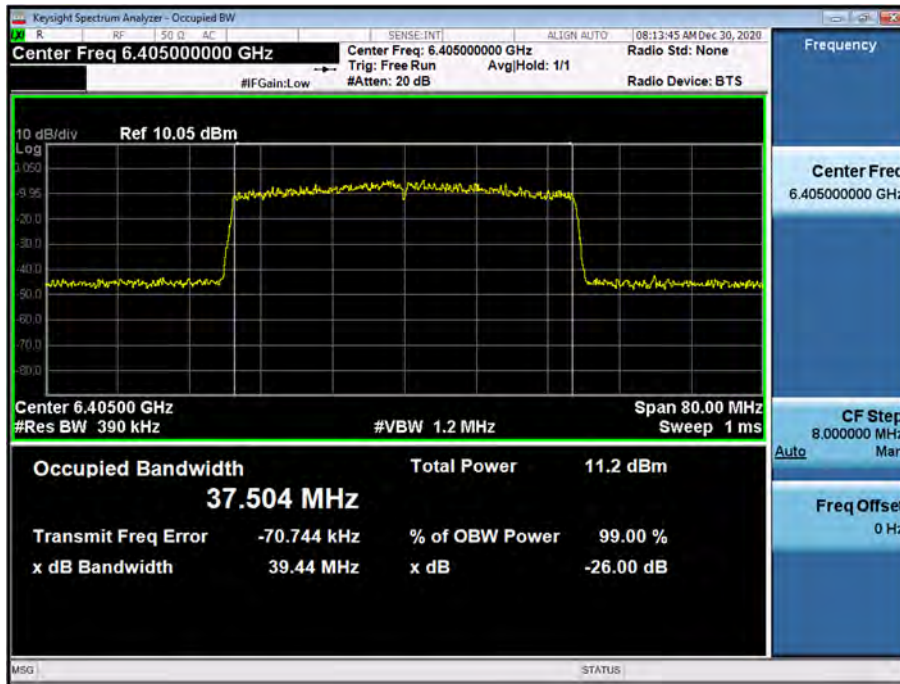
Bandwidth 40M Ch.3(5965 MHz) SU



Bandwidth 40M Ch.43(6165 MHz) 484 T



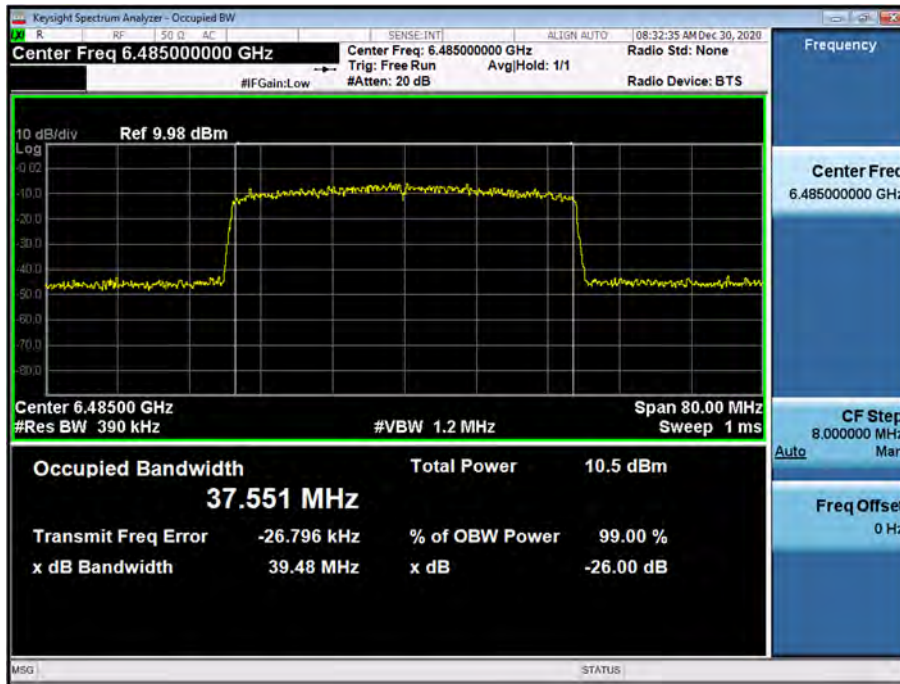
Bandwidth 40M Ch.91(6405 MHz) 484 T



Bandwidth 40M Ch.99(6445 MHz) SU



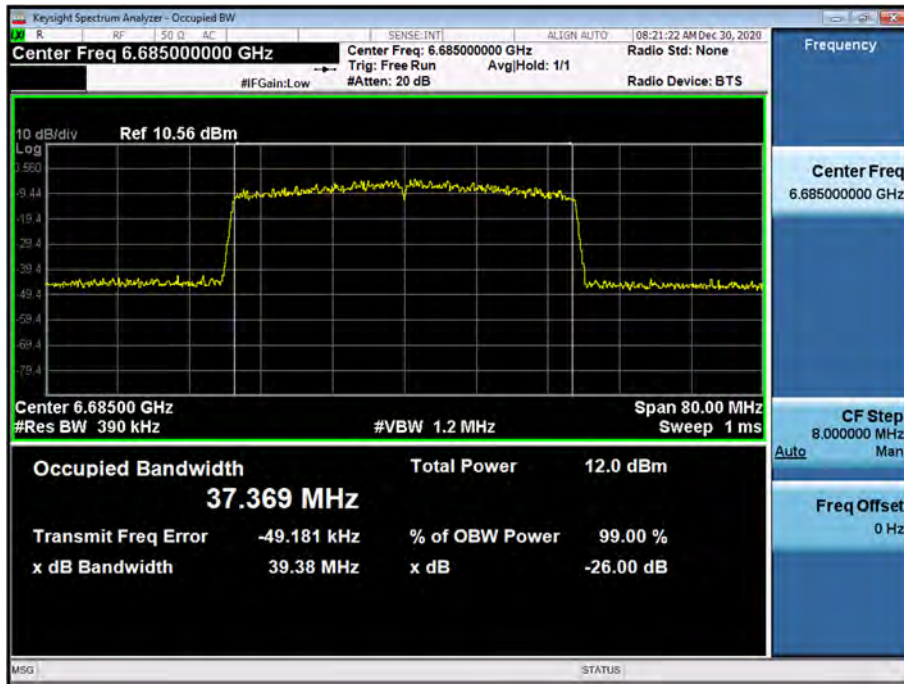
Bandwidth 40M Ch.107(6485 MHz) SU



Bandwidth 40M Ch.123(6565 MHz) SU



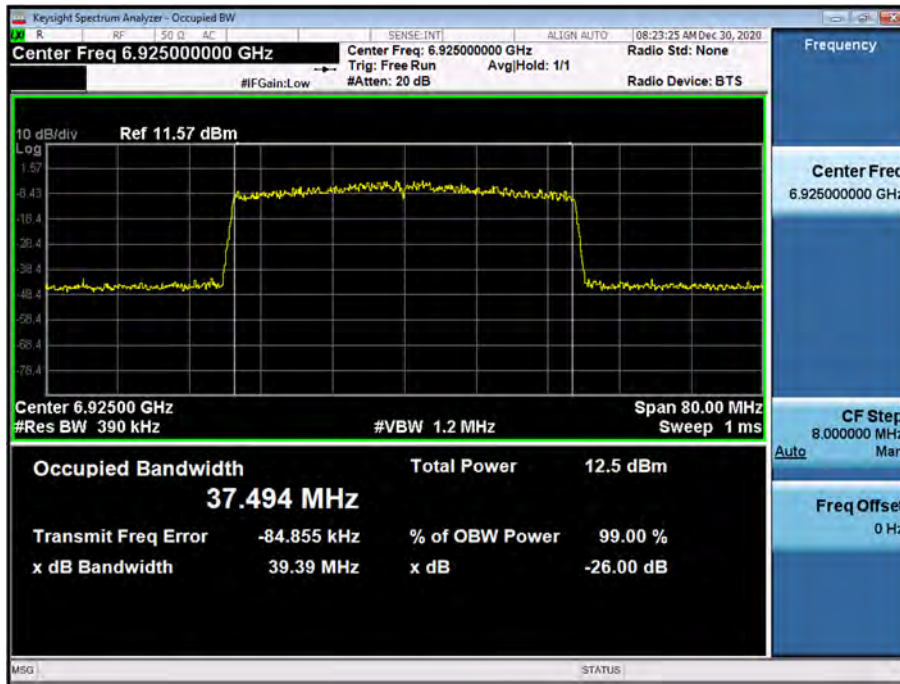
Bandwidth 40M Ch.147(6685 MHz) 484 T



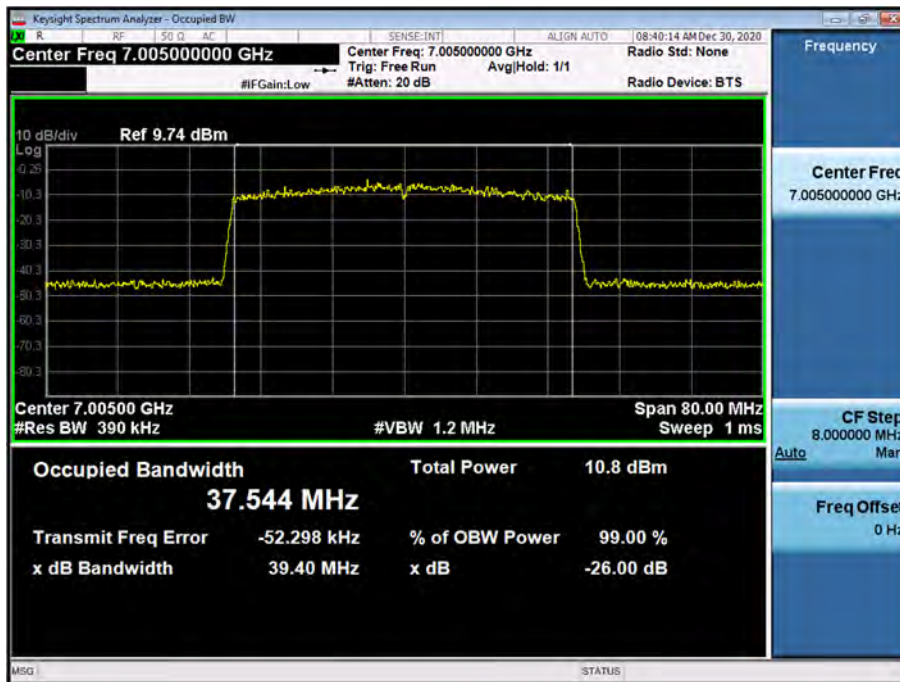
Bandwidth 40M Ch.179(6845 MHz) 484 T



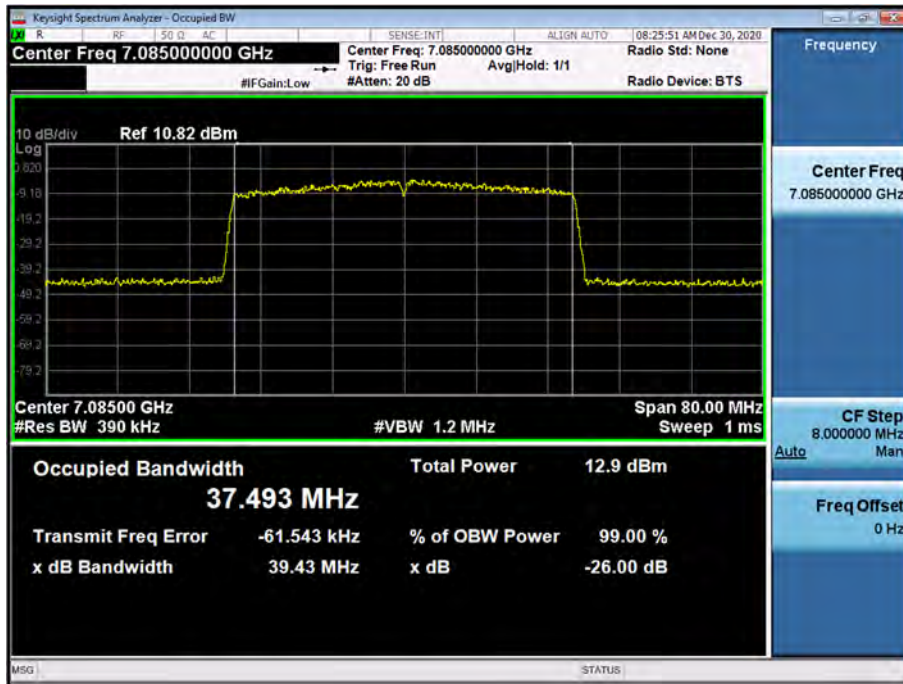
Bandwidth 40M Ch.195(6925 MHz) 484 T



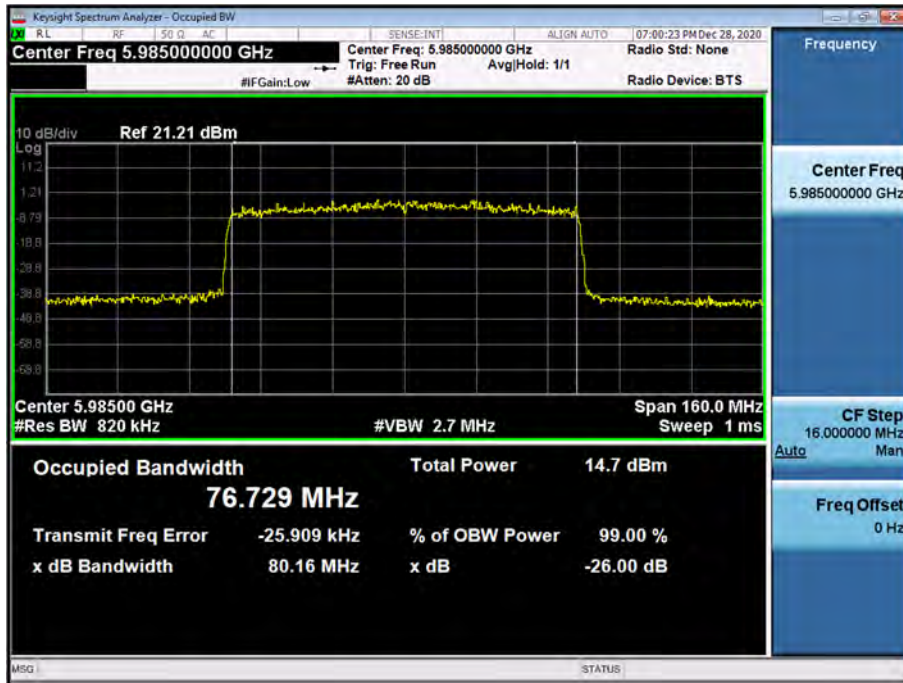
Bandwidth 40M Ch.211(7005 MHz) SU



Bandwidth 40M Ch.227(7085 MHz) 484 T



Bandwidth 80M Ch.7(5985 MHz) SU



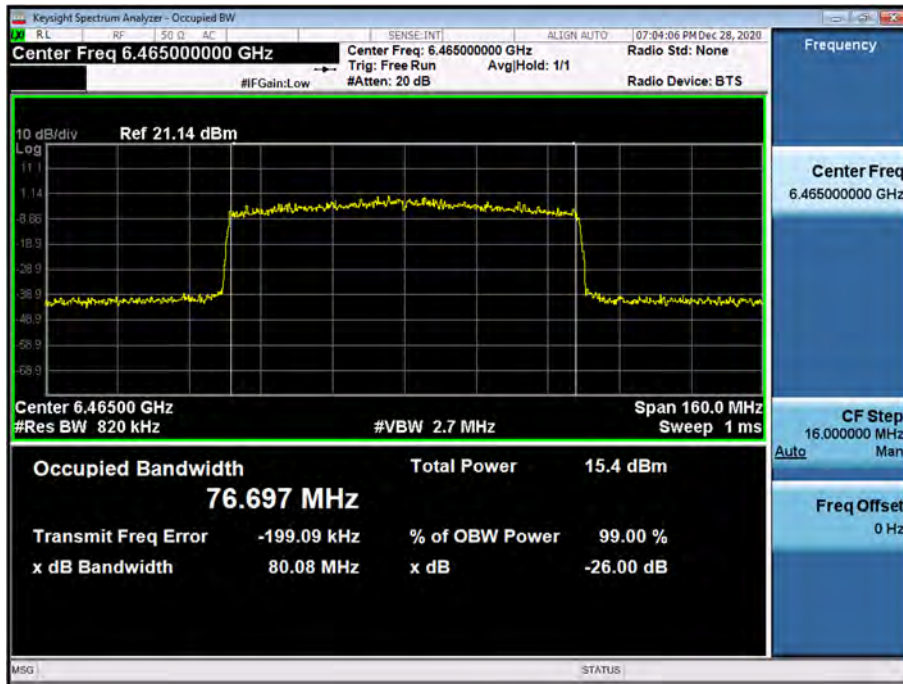
Bandwidth 80M Ch.39(6145 MHz) 996 T



Bandwidth 80M Ch.87(6385 MHz) 996 T



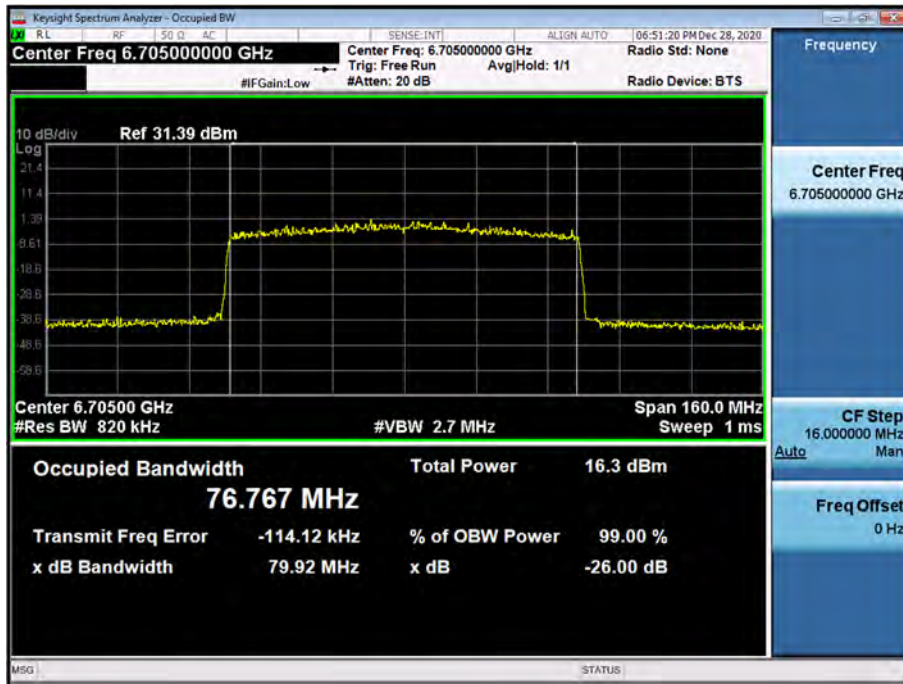
Bandwidth 80M Ch.103(6465 MHz) SU



Bandwidth 80M Ch.135(6625 MHz) SU



Bandwidth 80M Ch.151(6705 MHz) 996 T



Bandwidth 80M Ch.167(6785 MHz) 996 T



Bandwidth 80M Ch.199(6945 MHz) 996 T



Bandwidth 80M Ch.215(7025 MHz) SU

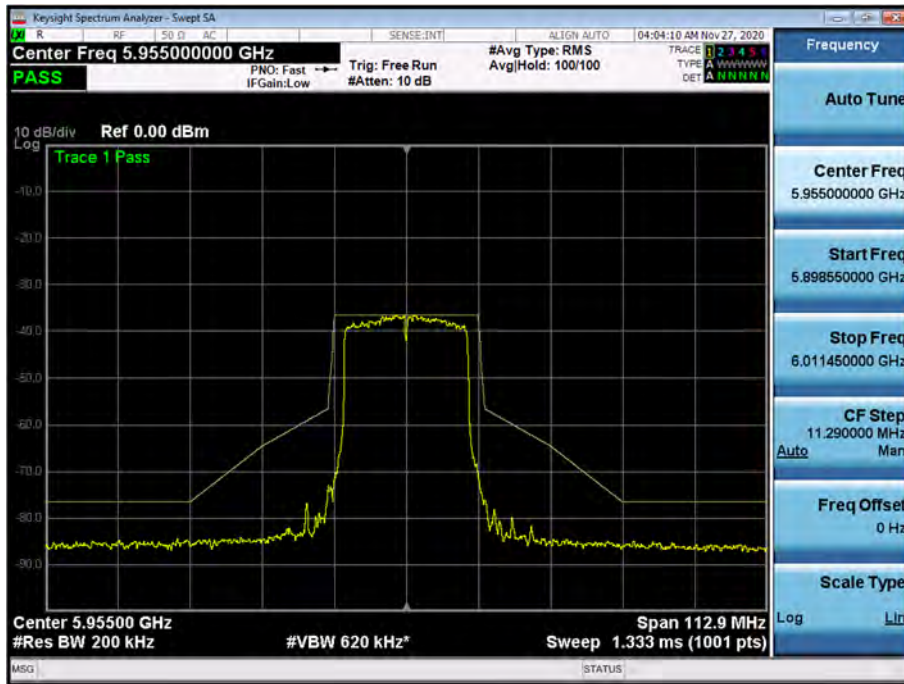


3. In-Band Emission (Emission Mask)

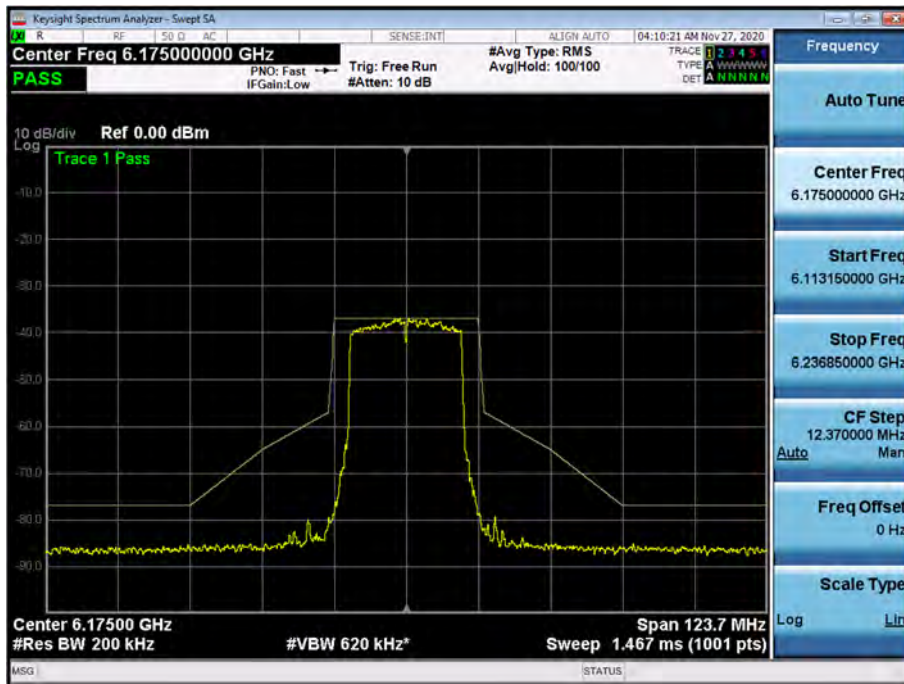
Note:

1. In order to simplify the report, attached plots were only Ant.2 (Worst Case: Ant.2).
2. In order to simplify the report, attached plots were only the most wide channel.

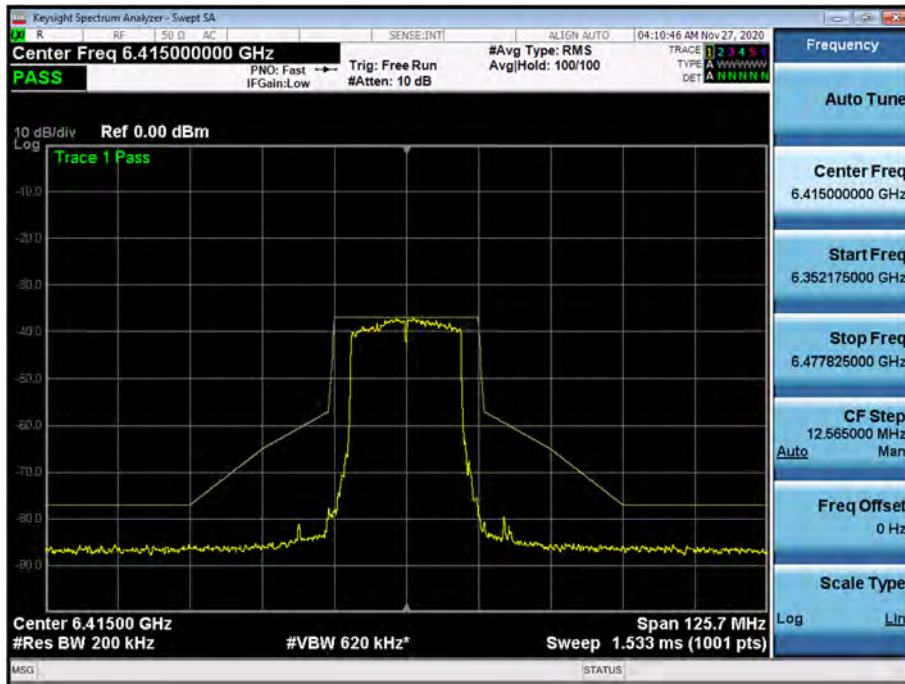
Bandwidth 20M Ch.1(5955 MHz) 242 T



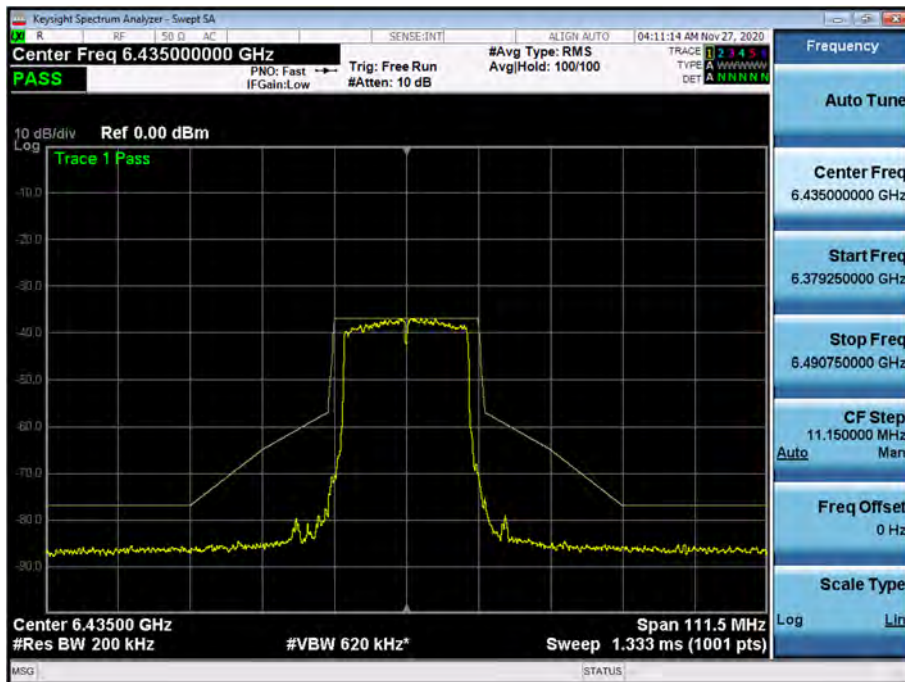
Bandwidth 20M Ch.45(6175 MHz) 242 T



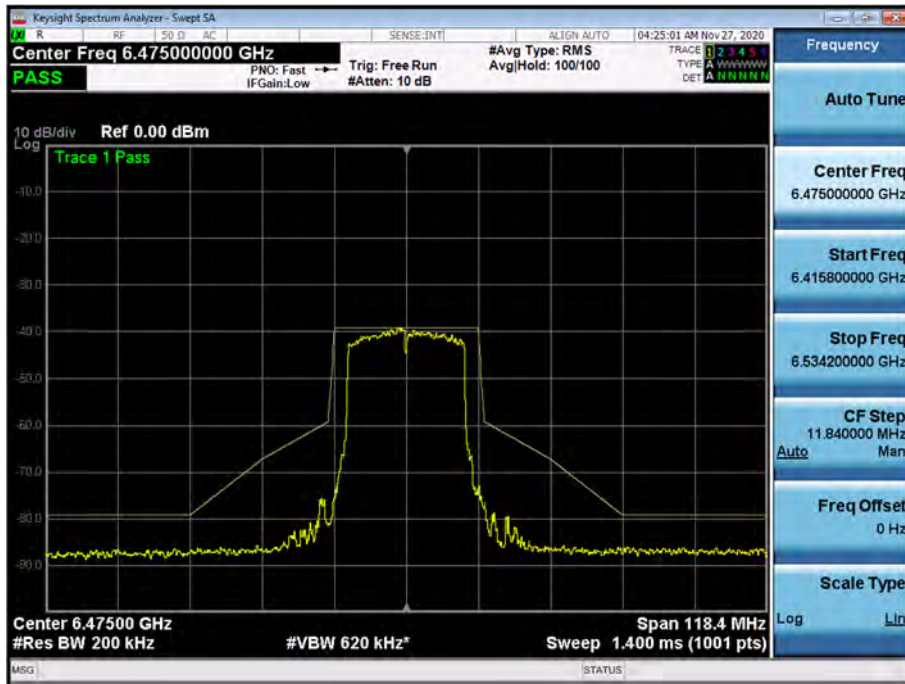
Bandwidth 20M Ch.93(6415 MHz) 242 T



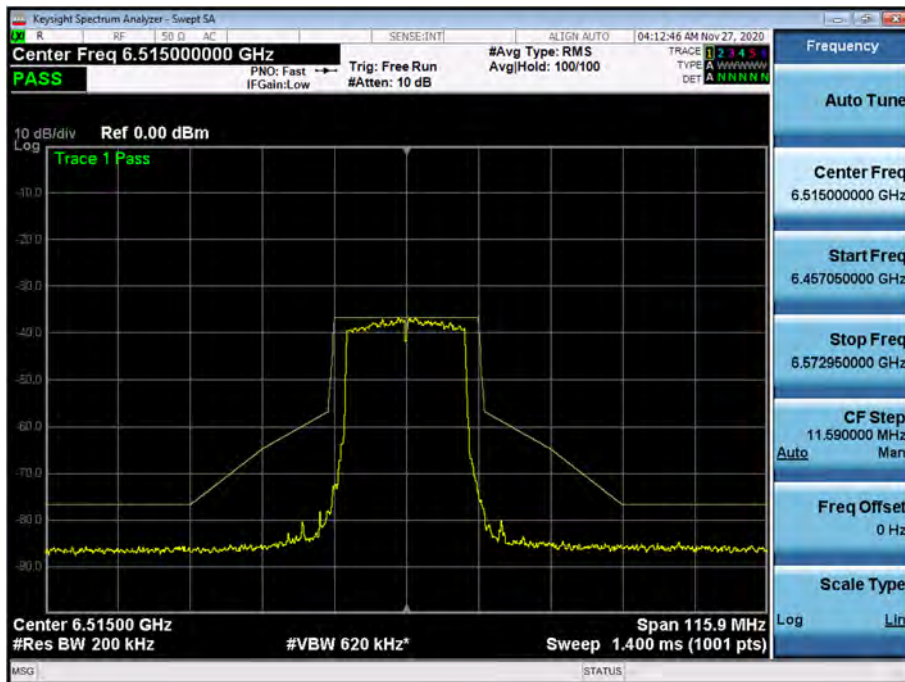
Bandwidth 20M Ch.97(6435 MHz) 242 T



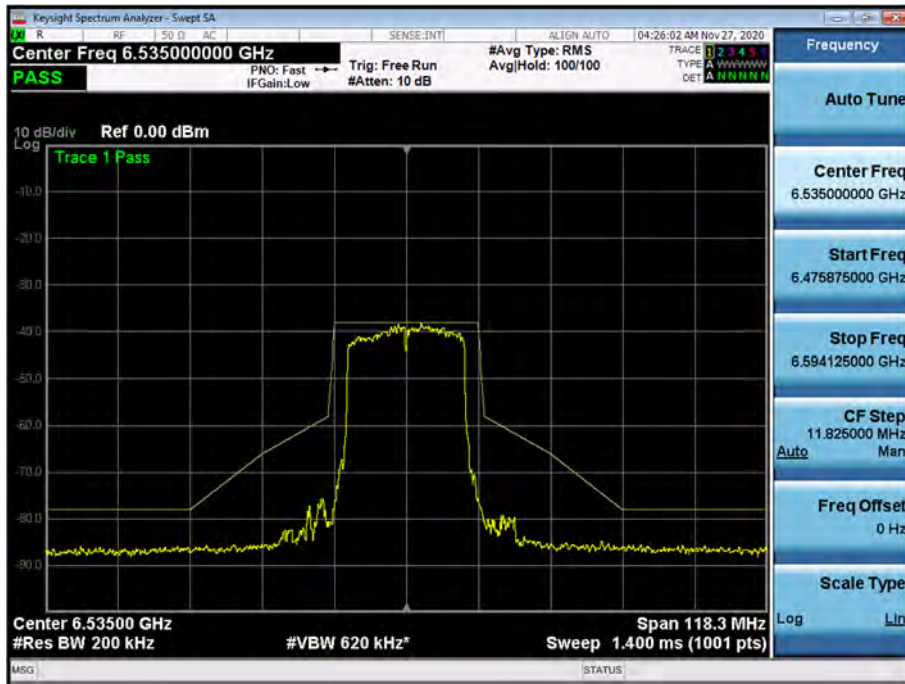
Bandwidth 20M Ch.105(6475 MHz) SU



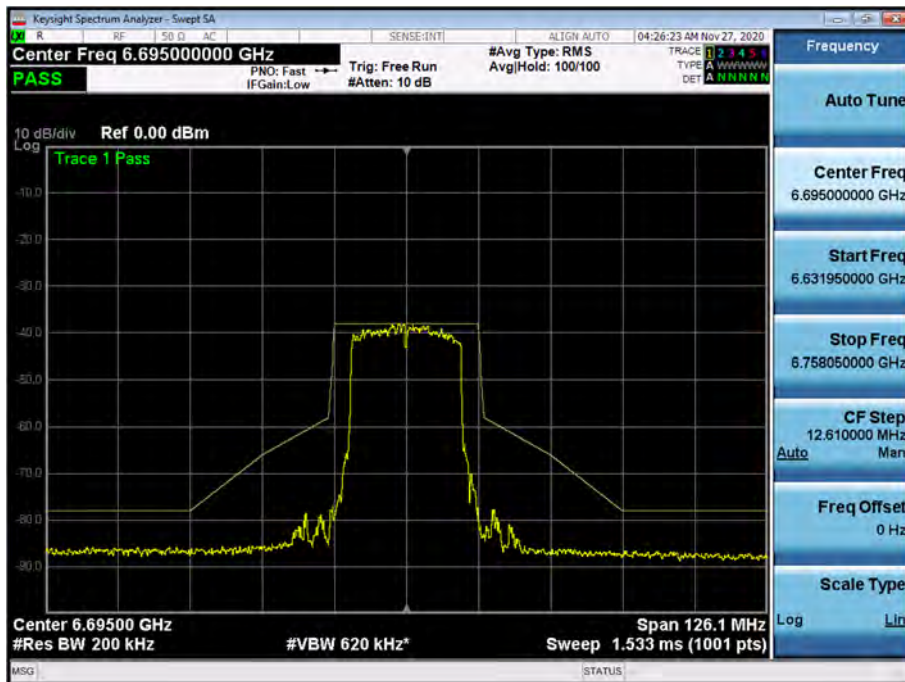
Bandwidth 20M Ch.113(6515 MHz) 242 T



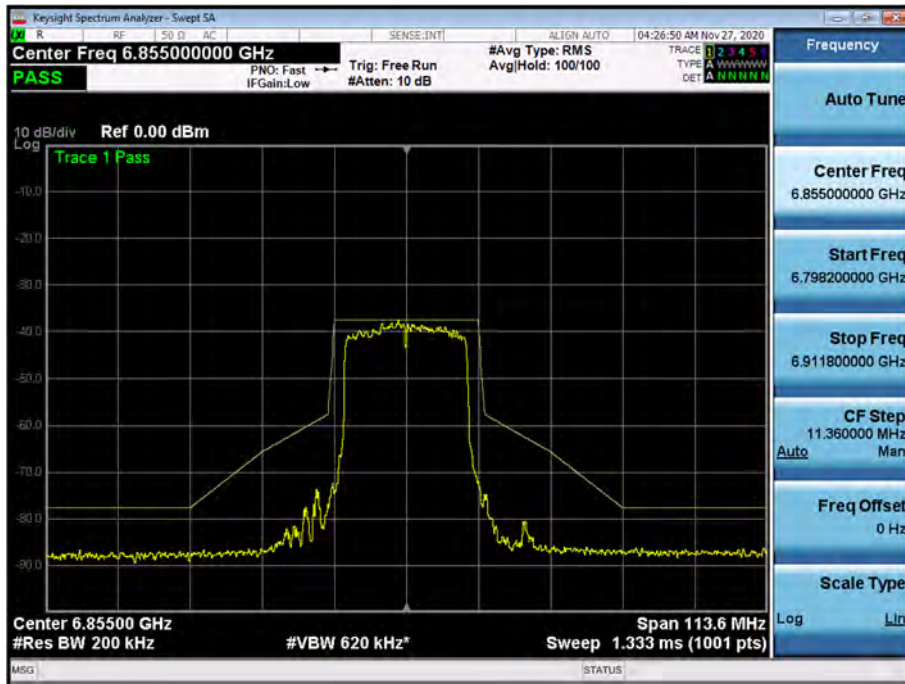
Bandwidth 20M Ch.117(6535 MHz) SU



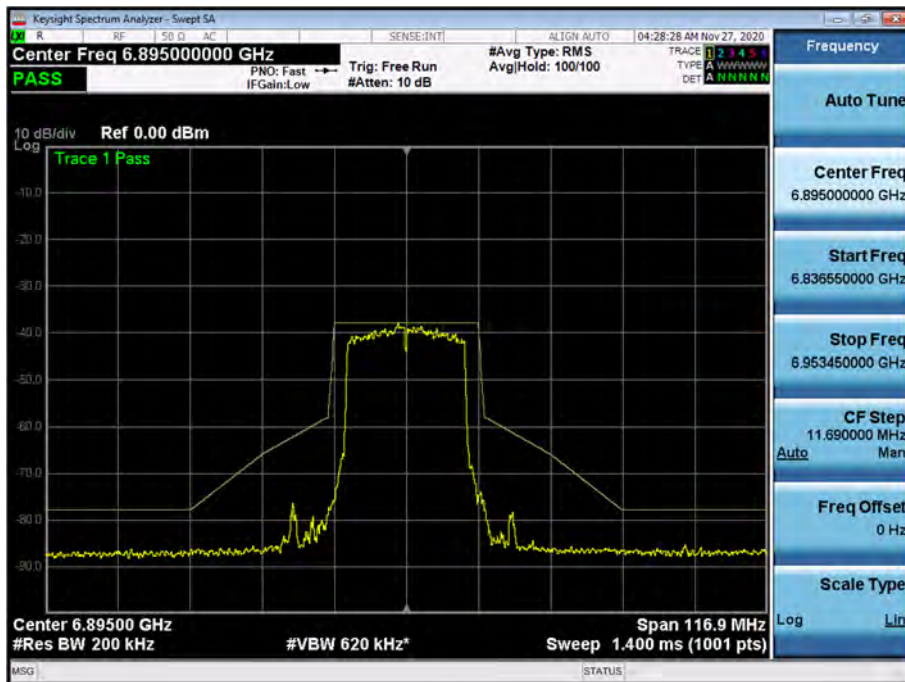
Bandwidth 20M Ch.149(6695 MHz) SU



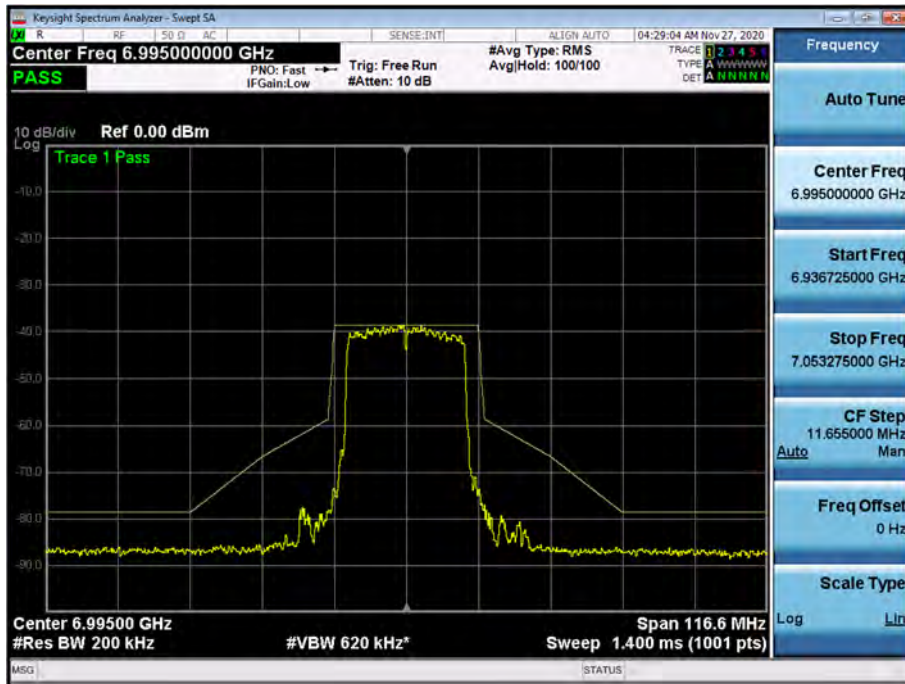
Bandwidth 20M Ch.181(6855 MHz) SU



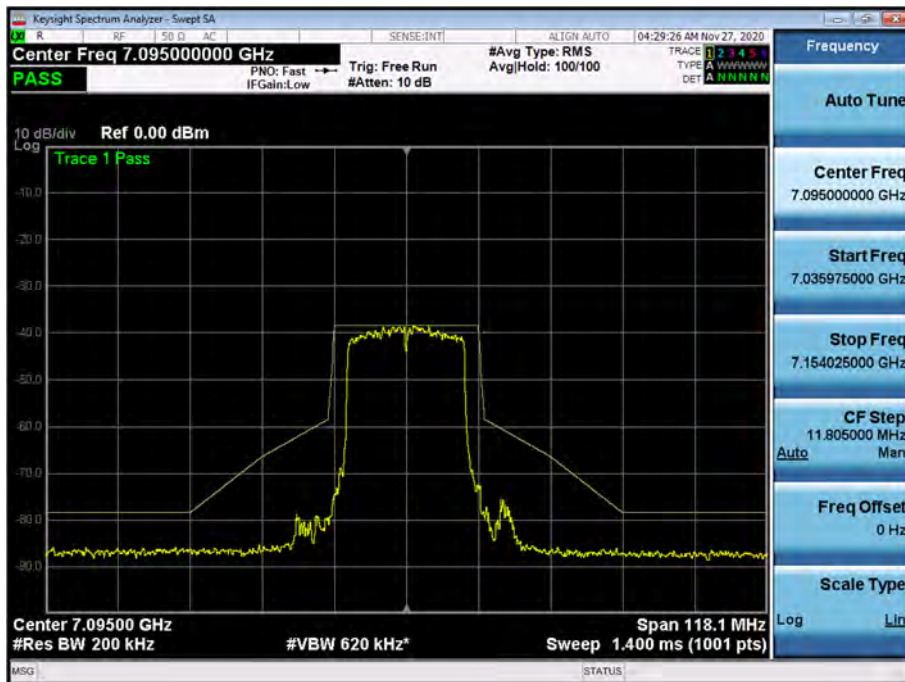
Bandwidth 20M Ch.189(6895 MHz) SU



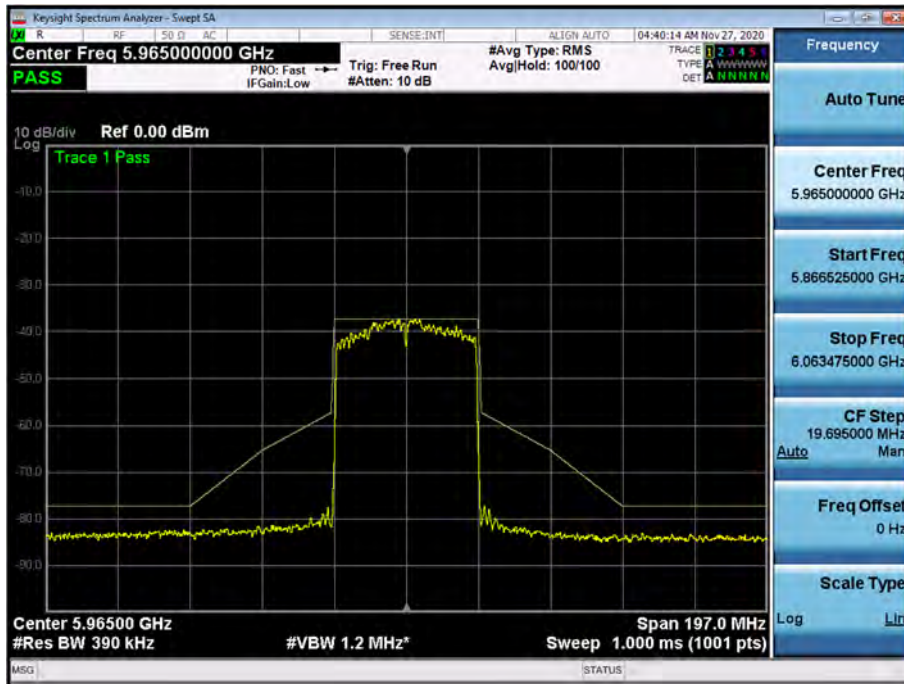
Bandwidth 20M Ch.209(6995 MHz) SU



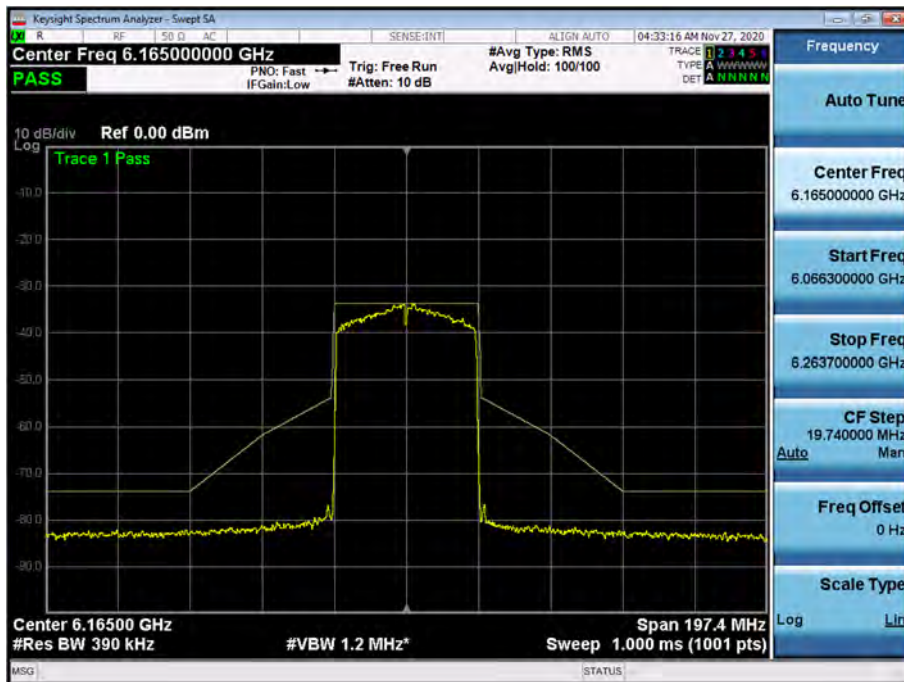
Bandwidth 20M Ch.229(7095 MHz) SU



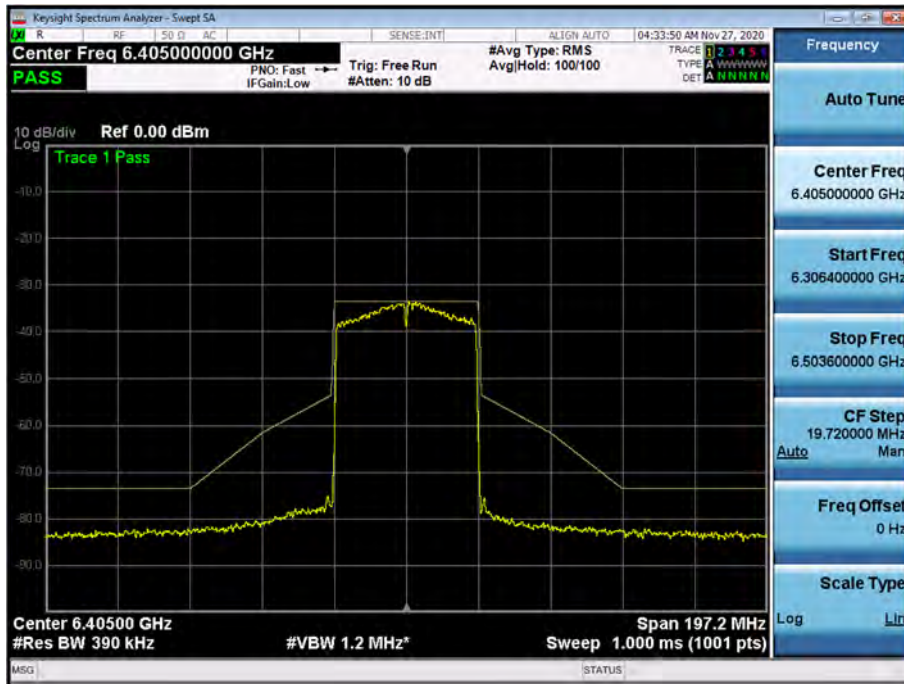
Bandwidth 40M Ch.3(5965 MHz) SU



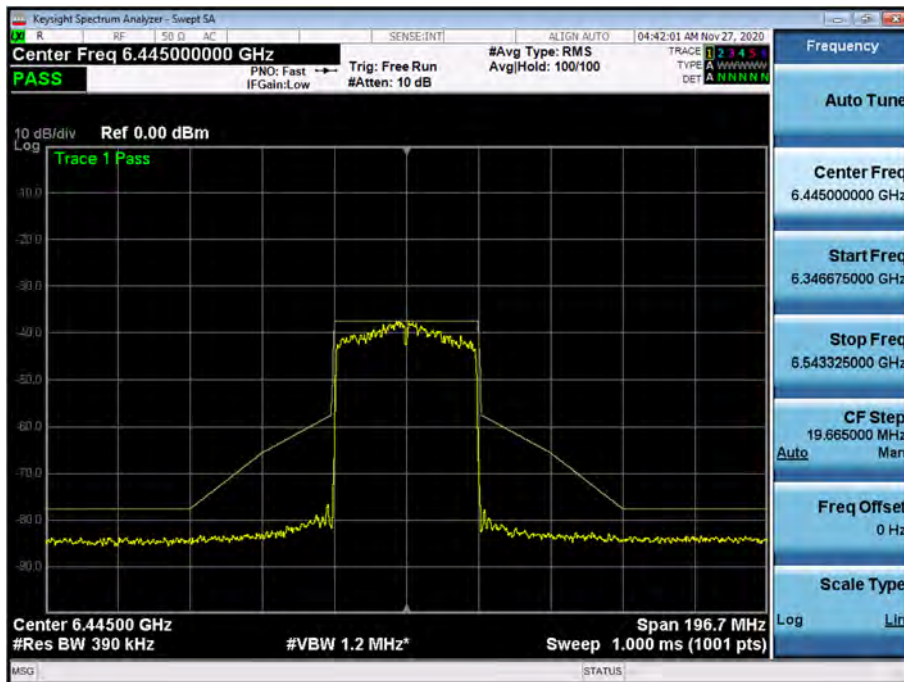
Bandwidth 40M Ch.43(6165 MHz) 484 T



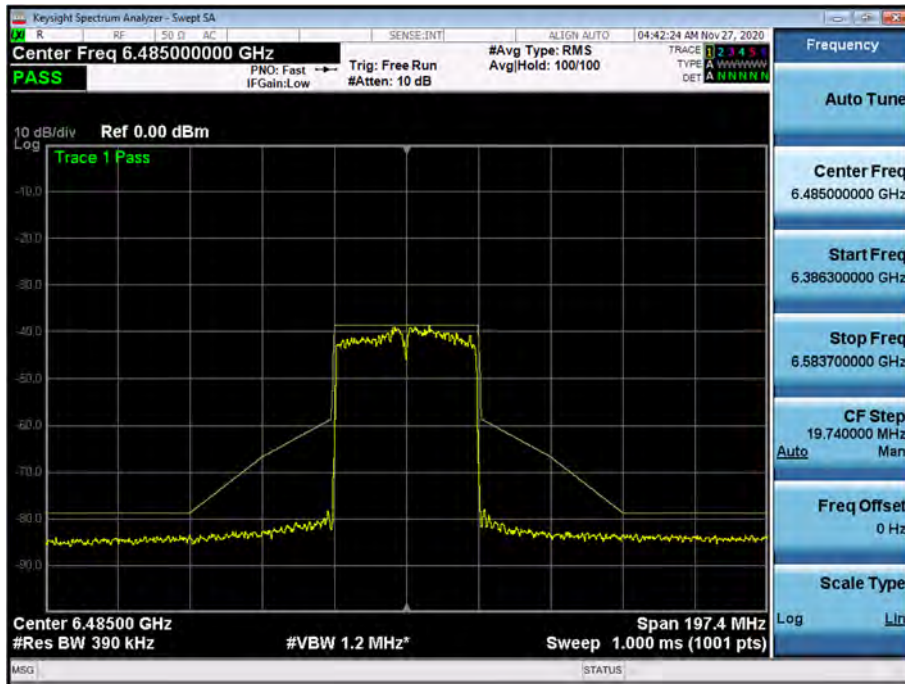
Bandwidth 40M Ch.91(6405 MHz) 484 T



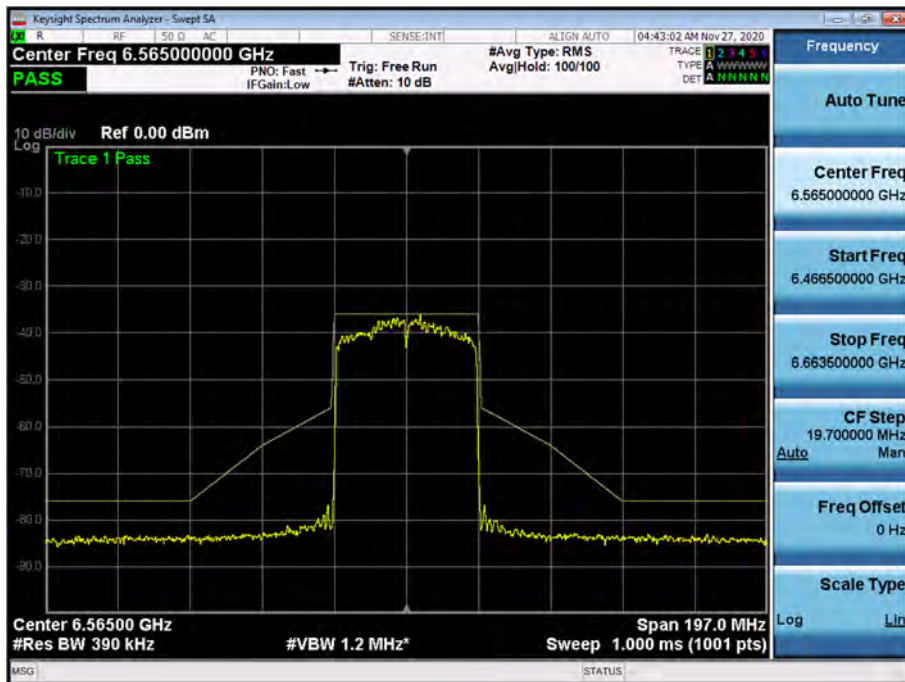
Bandwidth 40M Ch.99(6445 MHz) SU



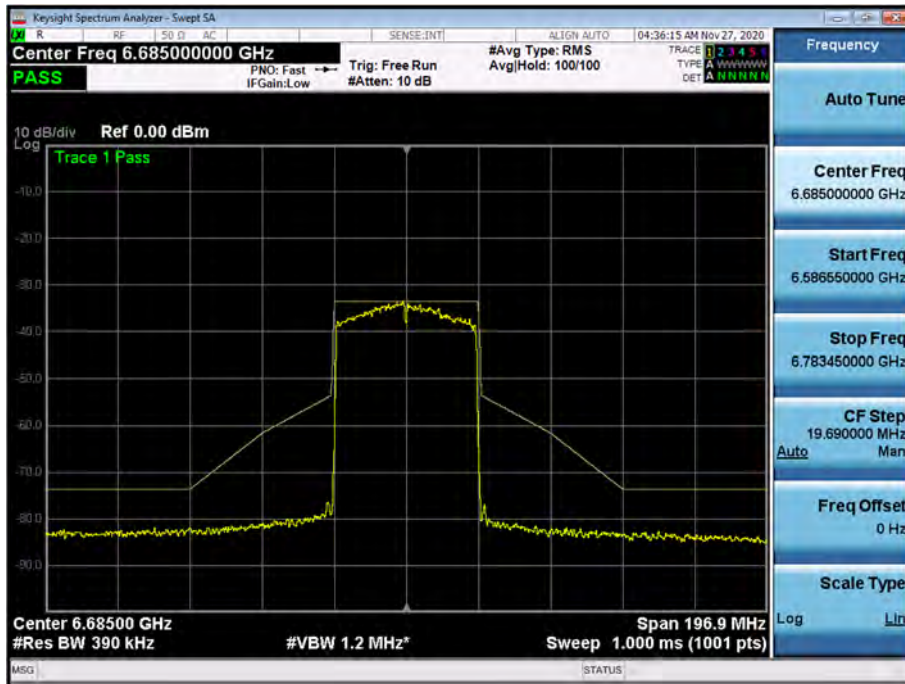
Bandwidth 40M Ch.107(6485 MHz) SU



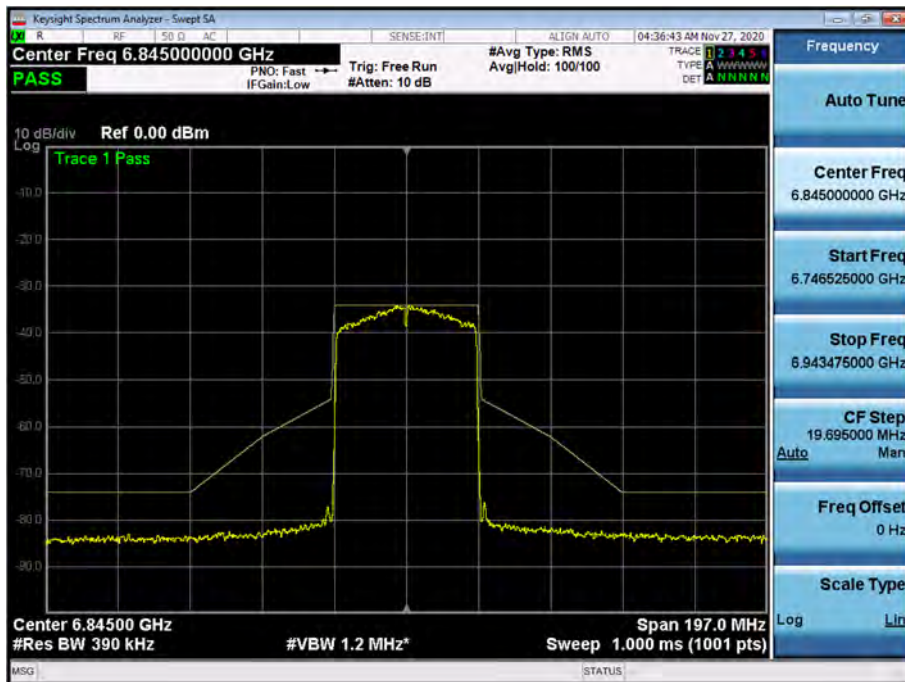
Bandwidth 40M Ch.123(6565 MHz) SU



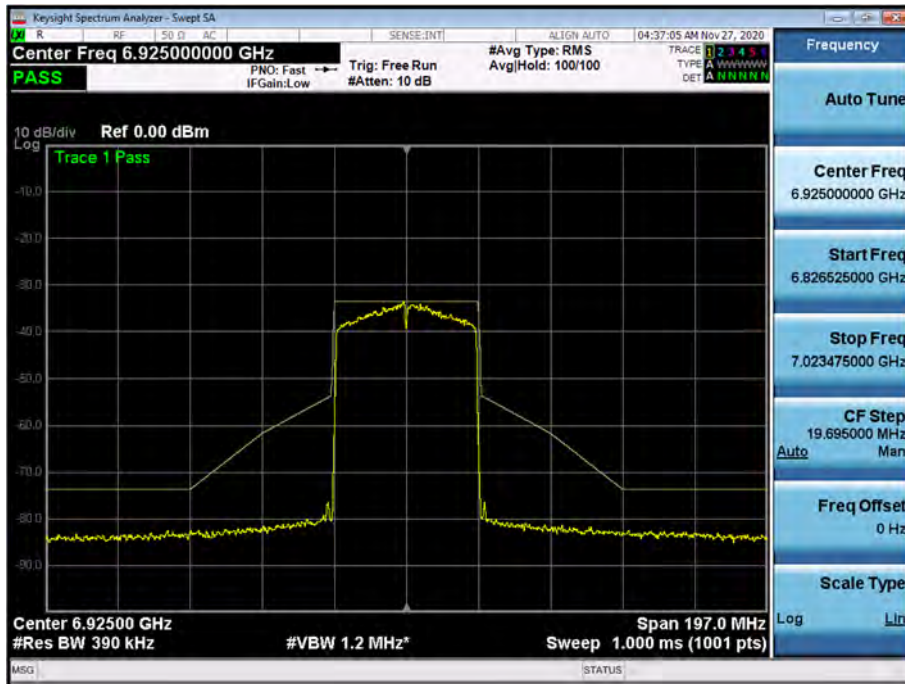
Bandwidth 40M Ch.147(6685 MHz) 484 T



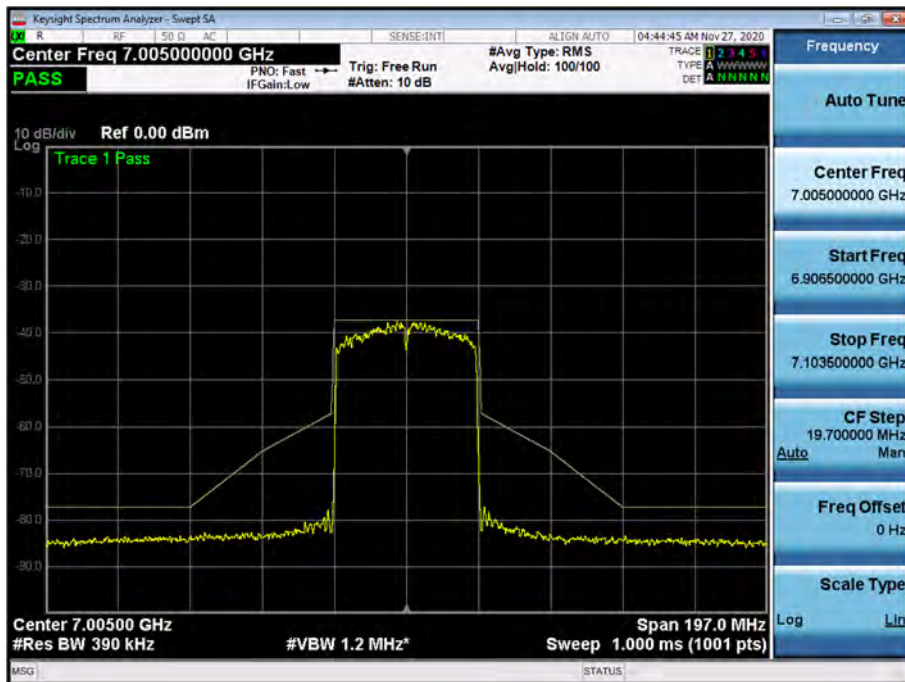
Bandwidth 40M Ch.179(6845 MHz) 484 T



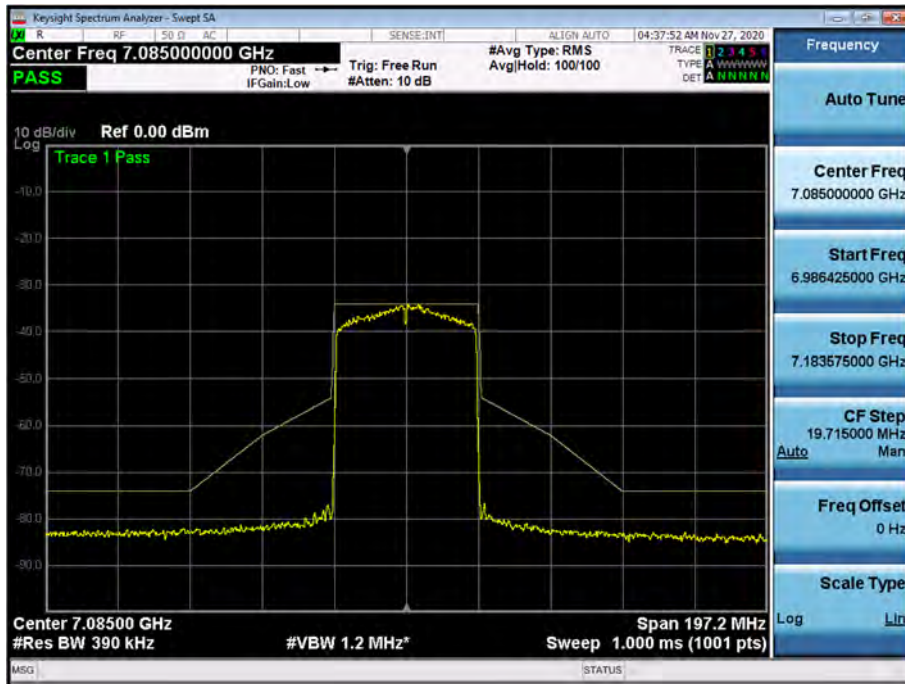
Bandwidth 40M Ch.195(6925 MHz) 484 T



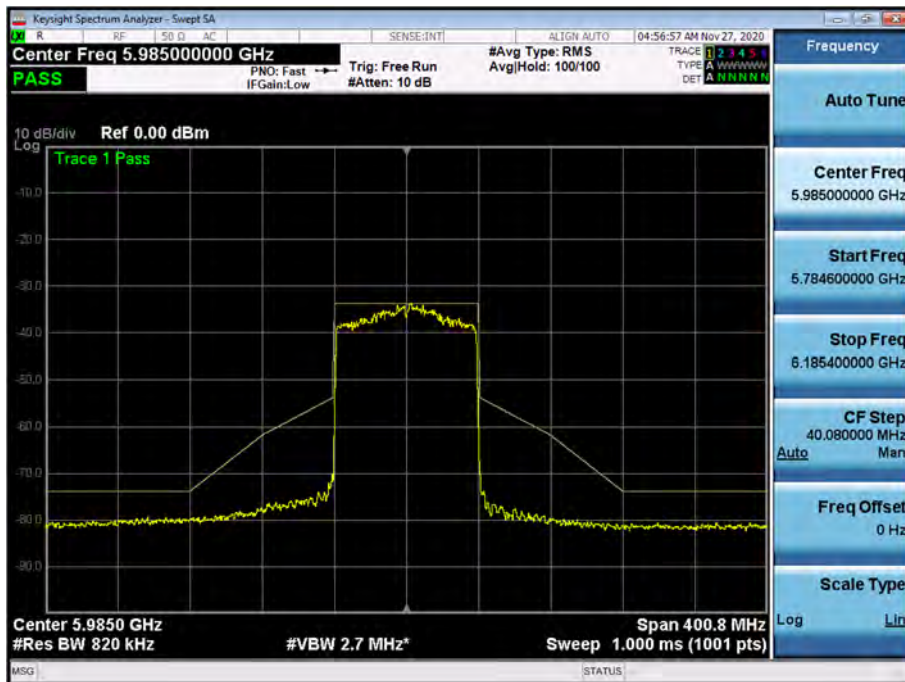
Bandwidth 40M Ch.211(7005 MHz) SU



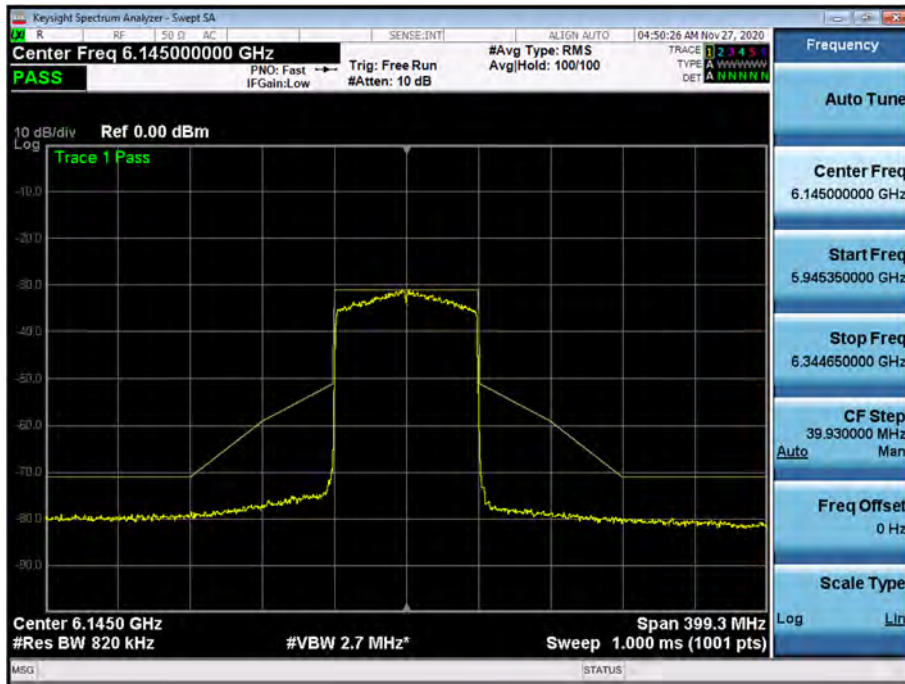
Bandwidth 40M Ch.227(7085 MHz) 484 T



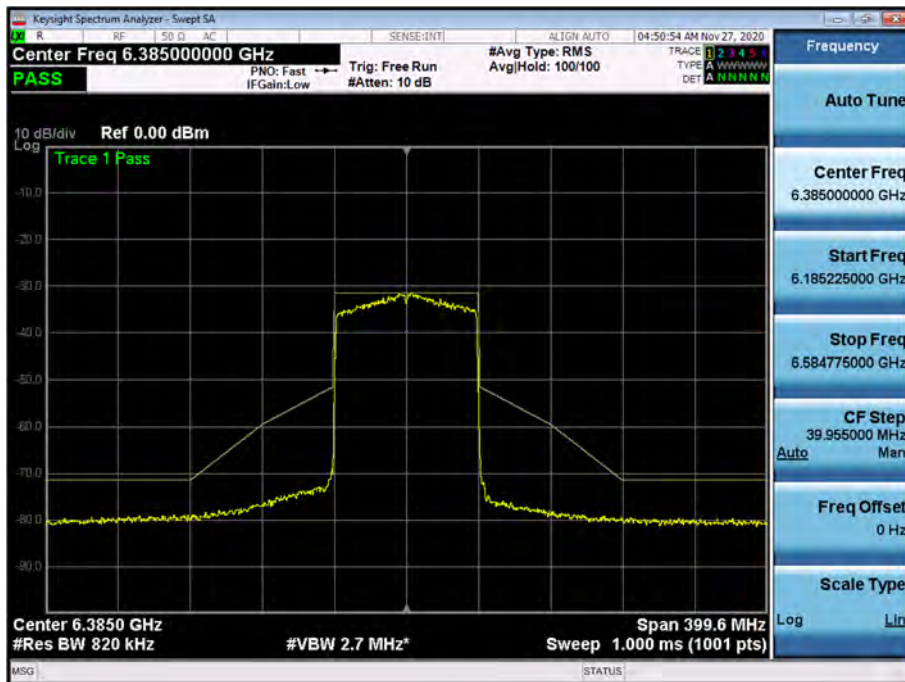
Bandwidth 80M Ch.7(5985 MHz) SU



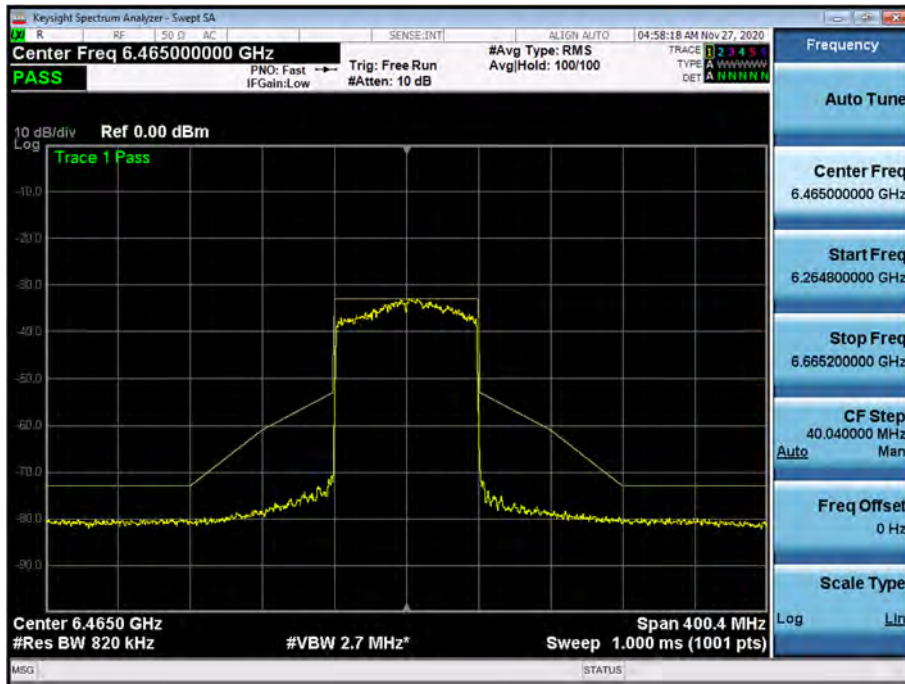
Bandwidth 80M Ch.39(6145 MHz) 996 T



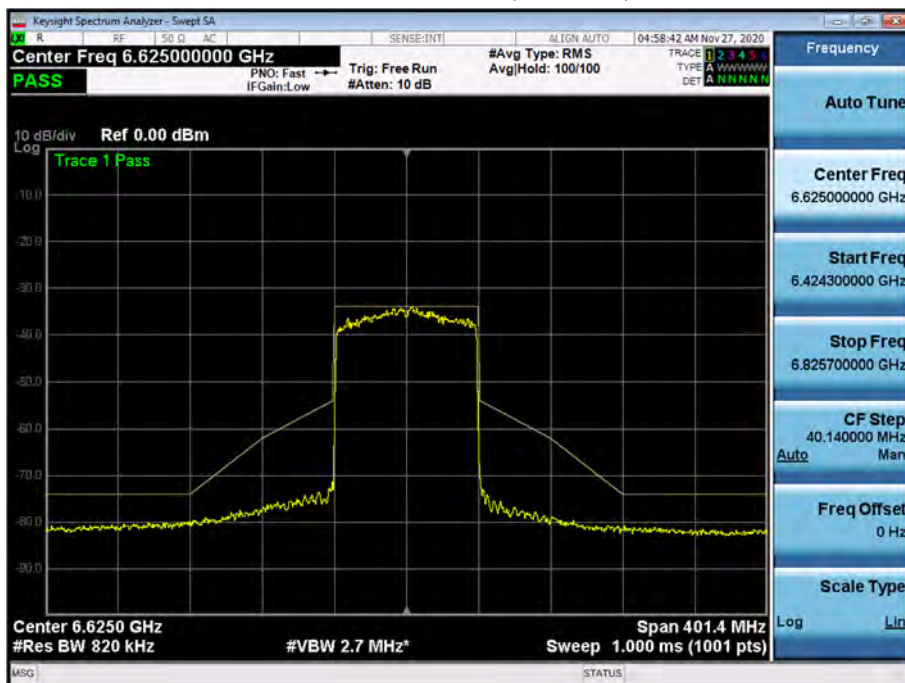
Bandwidth 80M Ch.87(6385 MHz) 996 T



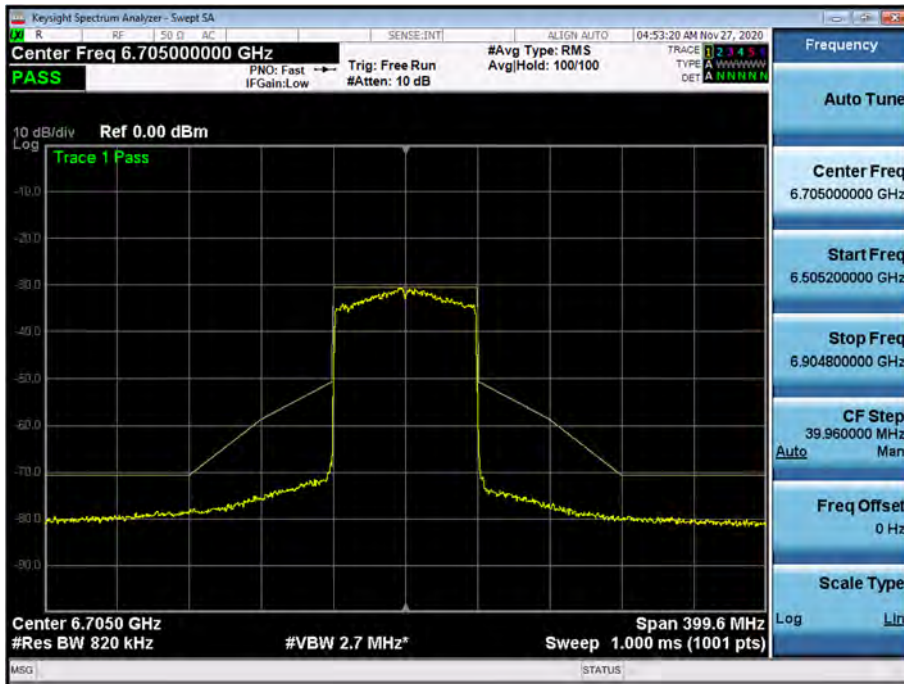
Bandwidth 80M Ch.103(6465 MHz) SU



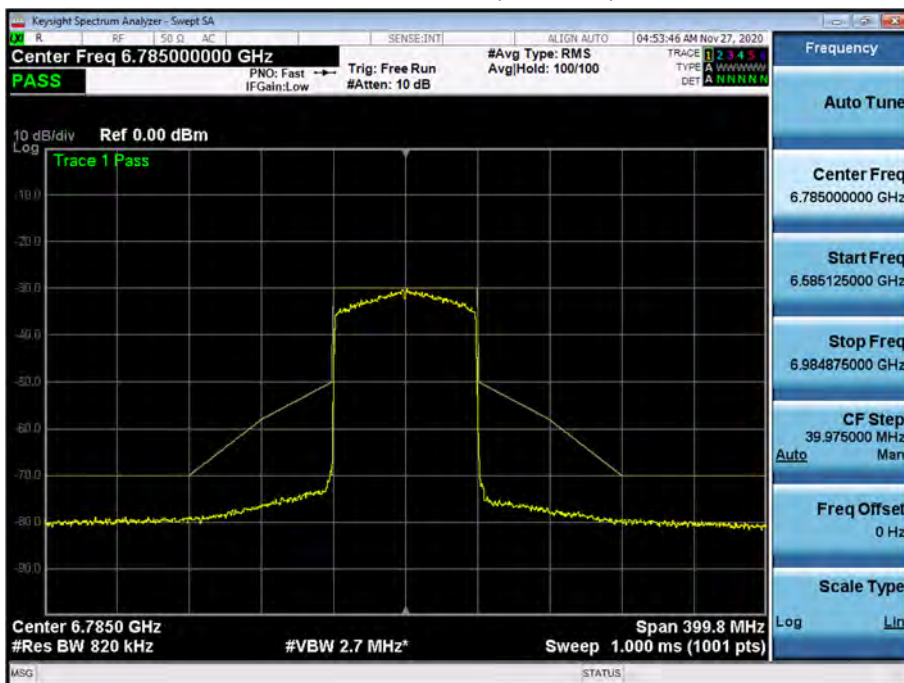
Bandwidth 80M Ch.135(6625 MHz) SU



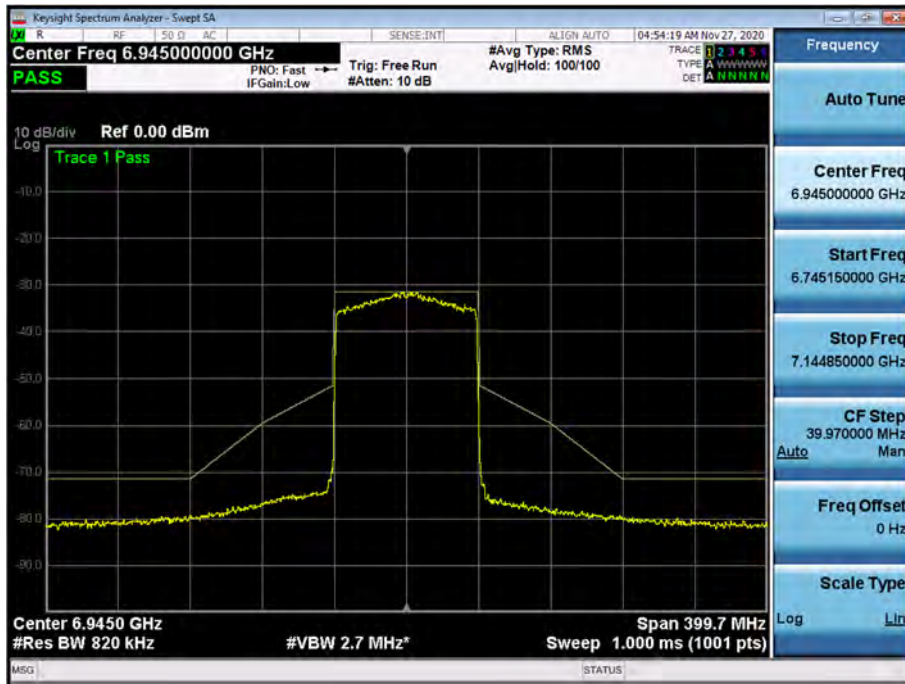
Bandwidth 80M Ch.151(6705 MHz) 996 T



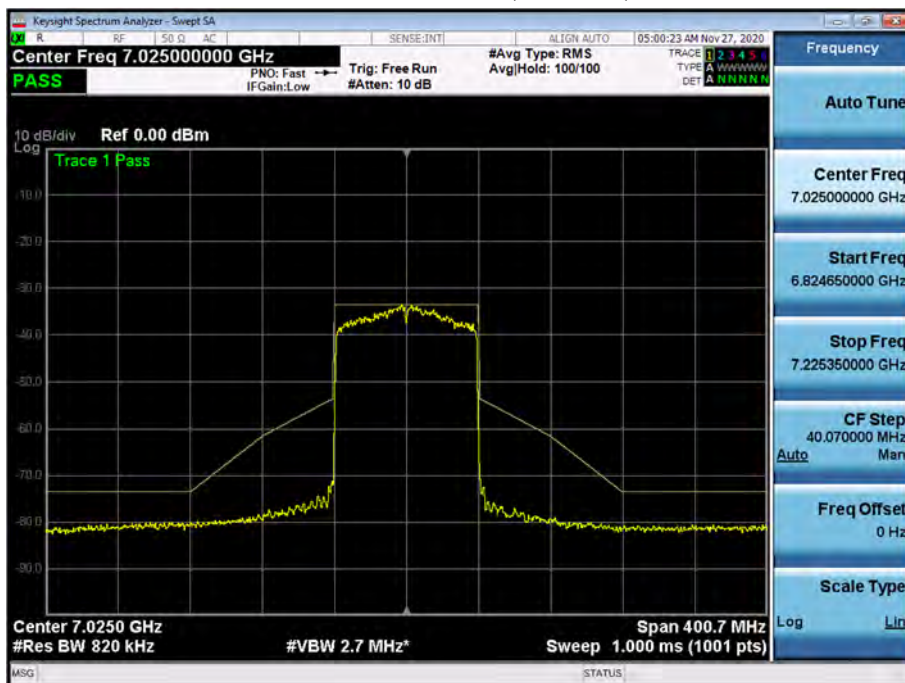
Bandwidth 80M Ch.167(6785 MHz) 996 T



Bandwidth 80M Ch.199(6945 MHz) 996 T



Bandwidth 80M Ch.215(7025 MHz) SU



4. Power Spectral Density

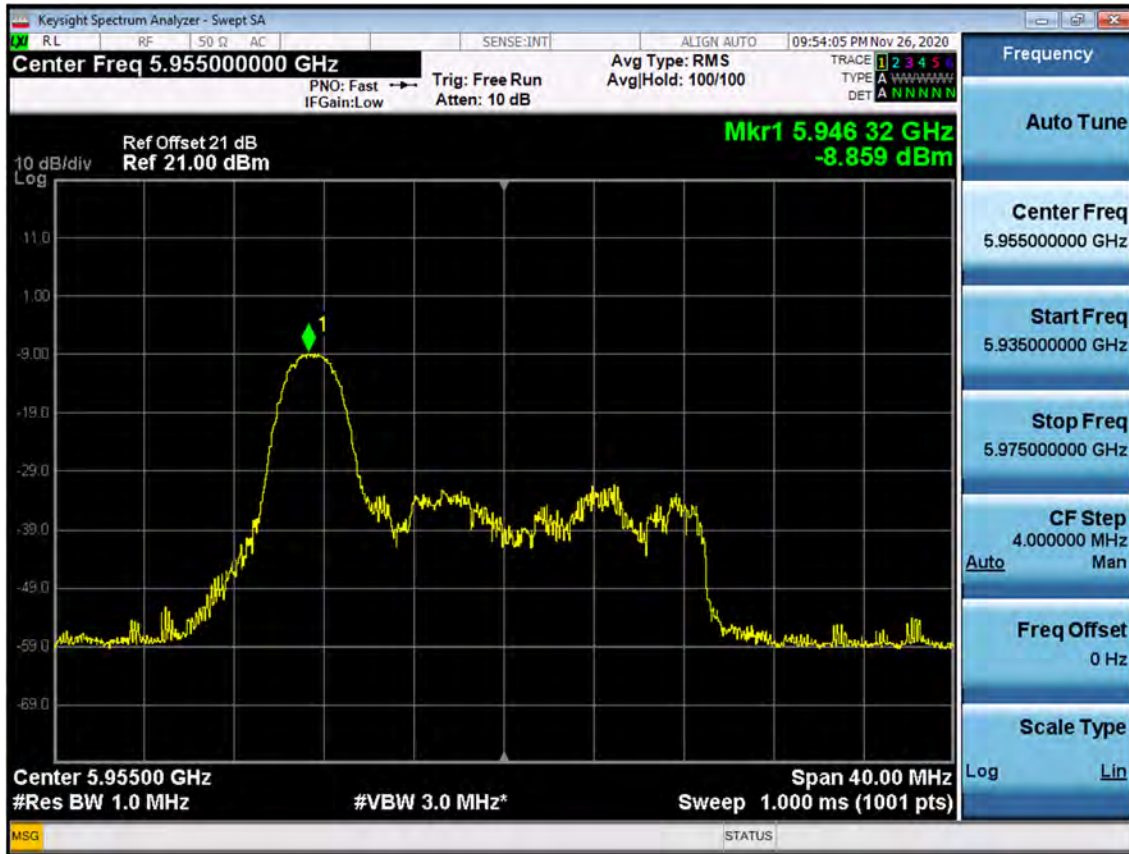
Note:

1. In order to simplify the report, attached plots were only channel of highest PSD.
- 2.

Band	Ant Gain (dBi)		Directional Gain = $10 \cdot \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N]$ dBi
	Ant1	Ant2	
UNII 5	Ant1	0.65	4.07
	Ant2	1.45	
UNII 6	Ant1	0.65	4.07
	Ant2	1.45	
UNII 7	Ant1	0.44	3.96
	Ant2	1.43	
UNII 8	Ant1	0.91	4.18
	Ant2	1.43	

4.1 Ant1

Bandwidth 20M Ch.1(5955 MHz) RU0



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.859	0.120	-8.74	-8.09	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

Bandwidth 20M Ch.229(7095 MHz) RU 8



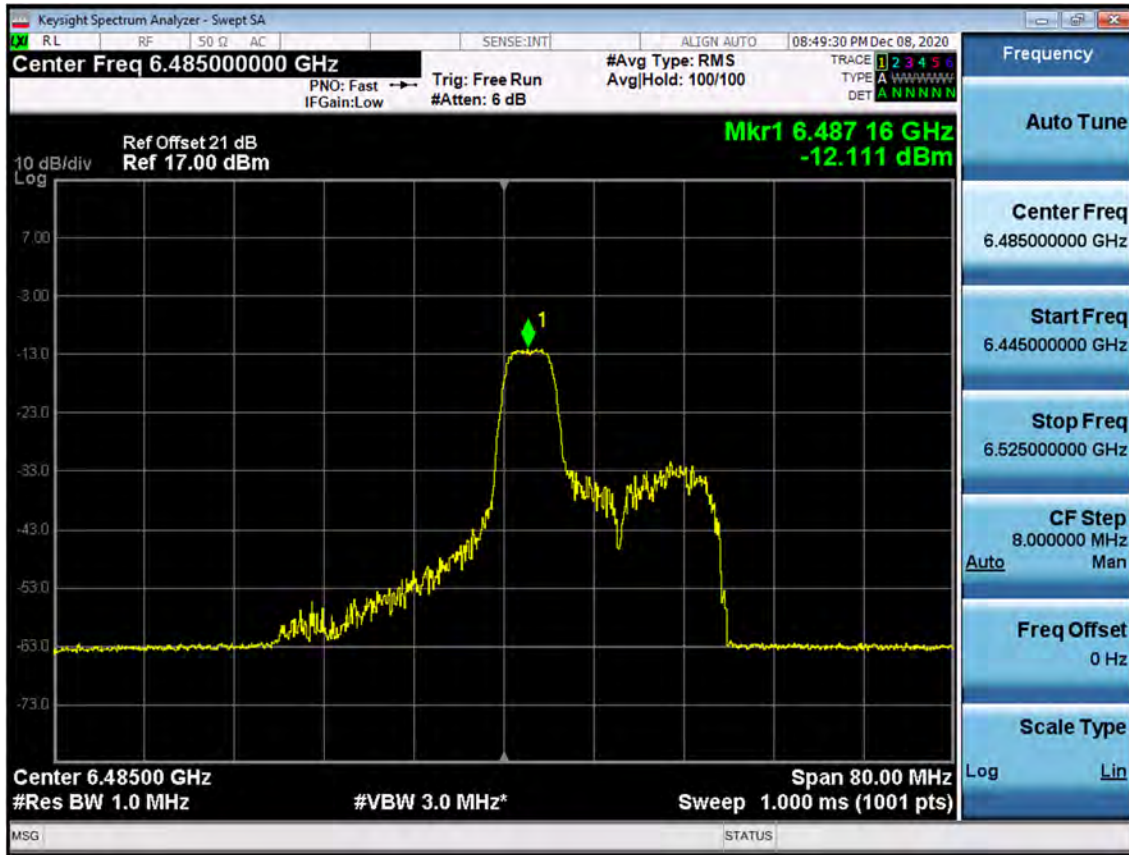
Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-7.961	0.120	-7.84	-6.93	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

Bandwidth 40M Ch.107(6485 MHz) RU 41



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-12.111	0.195	-11.92	-11.27	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

Bandwidth 40M Ch.211(7005 MHz) RU 9



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.337	0.186	-8.15	-7.24	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

Bandwidth 80M Ch.167(6785 MHz) RU 60



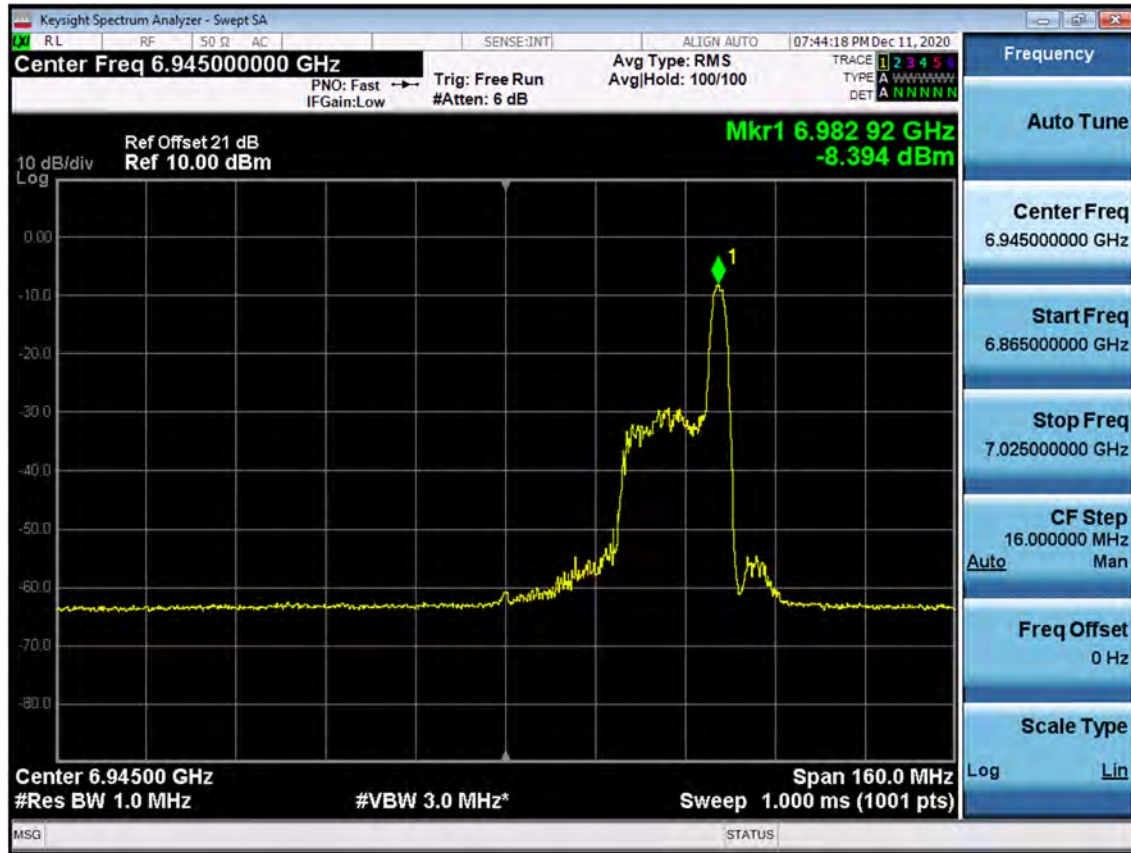
Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-14.008	0.203	-13.81	-13.37	-1

Note:

$$\text{Total PSD(dBm/MHz)} = \text{Reading Value(dBm/MHz)} + \text{Duty Cycle Factor(dB)}$$

$$\text{EIRP PSD(dBm/MHz)} = \text{Duty Factor(dB)} + \text{Reading Value (dBm/MHz)} + \text{Peak Ant. Gain(dBi)}$$

Bandwidth 80M Ch.199(6945 MHz) RU 36



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.394	0.186	-8.21	-7.30	-1

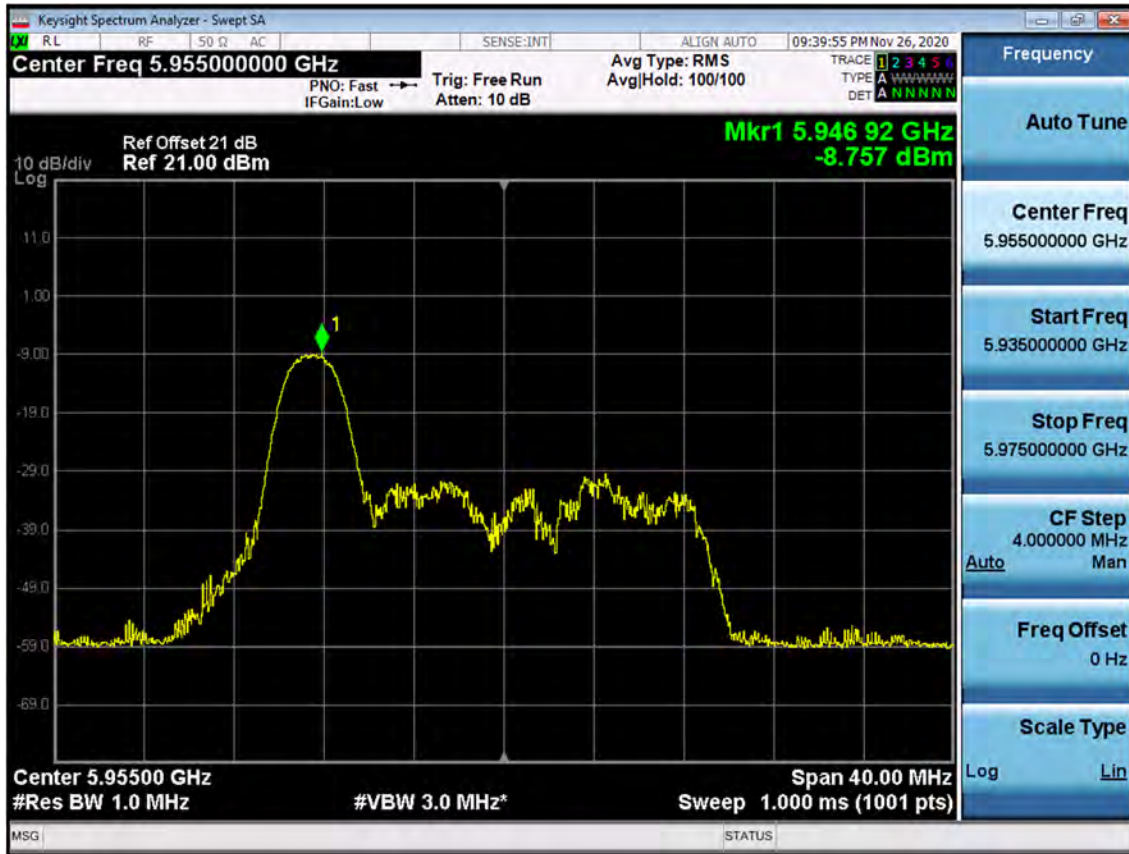
Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

4.2 Ant2

Bandwidth 20M Ch.1 (5955 MHz) RU 0



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.757	0.120	-8.64	-7.19	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

Bandwidth 20M Ch.181(6855 MHz) RU 8



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.280	0.120	-8.16	-6.73	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

Bandwidth 40M Ch.107(6485 MHz) RU 41



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-11.850	0.195	-11.66	-10.21	-1

Note:

$EIRP\ PSD = Duty\ Cycle\ Factor + Reading\ Value\ PSD + Peak\ Ant.\ Gain$

Bandwidth 40M Ch.123(6565 MHz) 484 T



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.137	0.159	-7.98	-6.55	-1

Note:

EIRP PSD = Duty Cycle + Reading Value PSD + Peak Ant. Gain

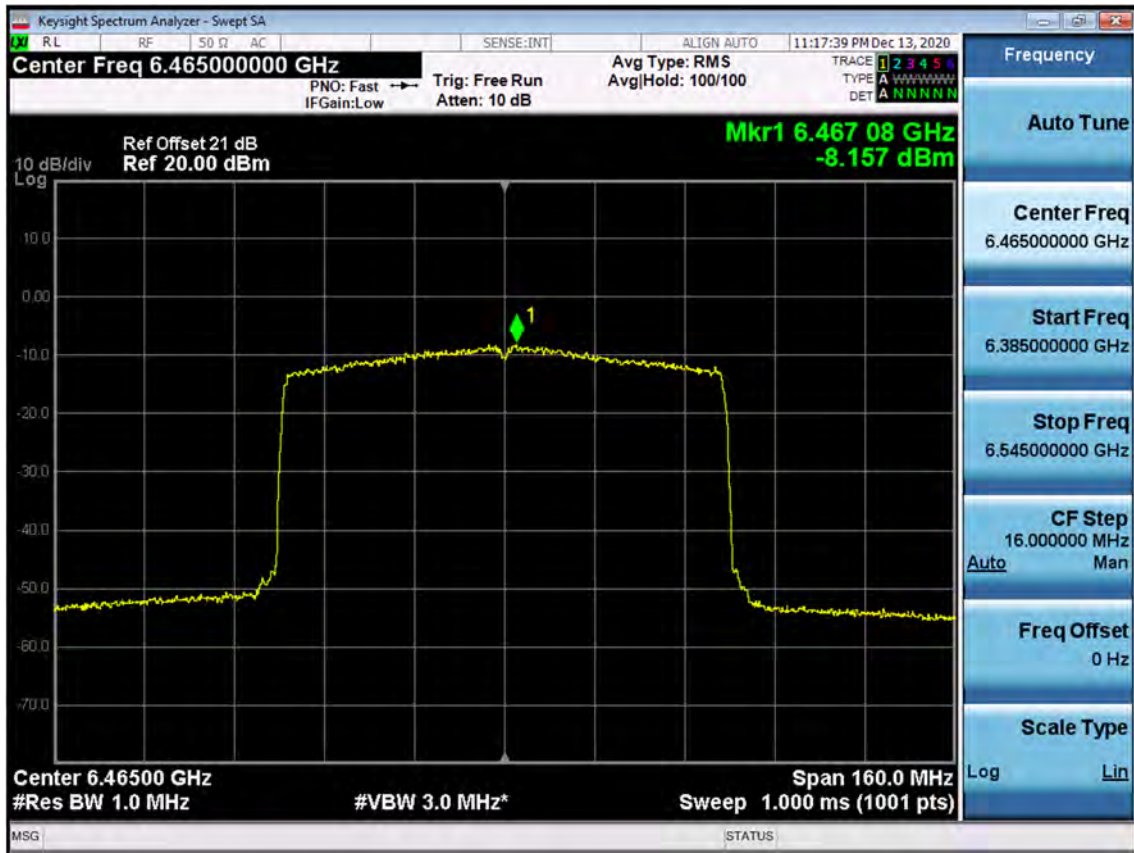
Bandwidth 80M Ch.135(6625 MHz) RU 60



Note:

$$\text{EIRP PSD} = \text{Duty Cycle} + \text{Reading Value PSD} + \text{Peak Ant. Gain}$$

Bandwidth 80M Ch.103(6465 MHz) 996 T



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.157	0.167	-7.99	-6.54	-1

Note:

EIRP PSD = Duty Cycle + Reading Value PSD + Peak Ant. Gain

5. Straddle Channel(UNII 6, UNII7)

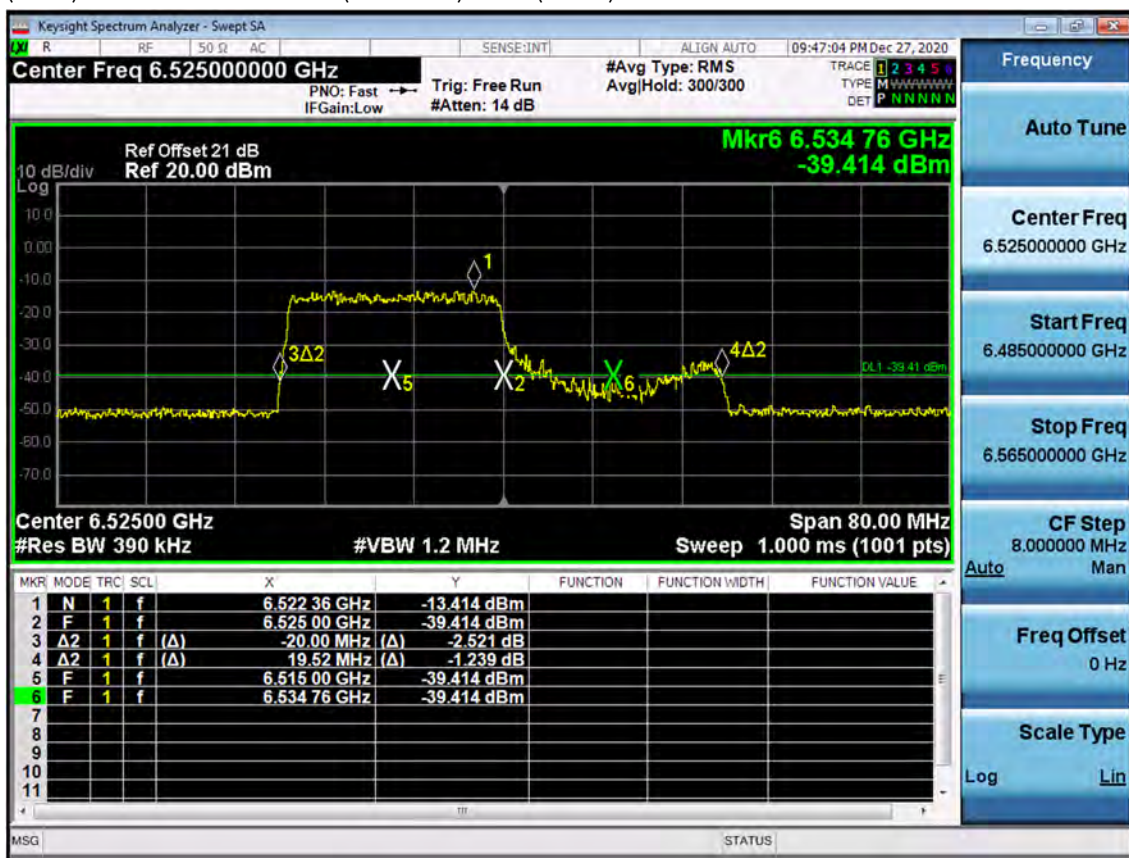
5.1 26dB Bandwidth

Note:

1. In order to simplify the report, attached plots were only the most wide channel.

5.1.1 Ant1

(26dB) Bandwidth 40M Ch.115(6525 MHz) 242 T (RU 61)



UNII 6	6525 [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	6525	6505	20.00

Note:

1. [UNII 6] 26dB Bandwidth = 6525 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 40M Ch.115(6525 MHz) 242 T (RU 62)

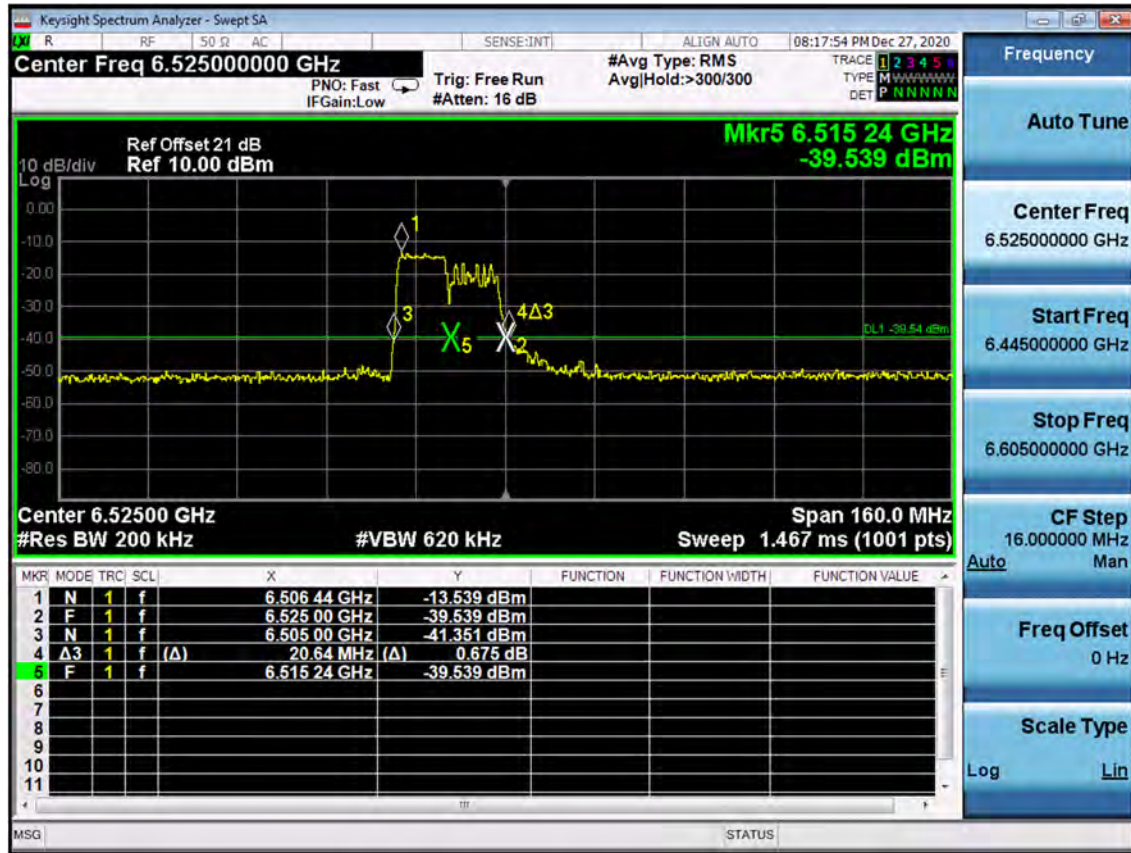


UNII 7	Measured Frequency	6525 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6544.76	6525	19.76

Note:

1. [UNII 7] 26dB Bandwidth = Measured Frequency[MHz] -6525 MHz

(26dB) Bandwidth 80M Ch.119(6545 MHz) 106 T (RU 53)



UNII 6	6525 [MHz]	Measured Frequency	26dB Bandwidth
		[MHz]	[MHz]
	6525	6504.36	20.64

Note:

1. [UNII 6] 26dB Bandwidth = 6525 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 80M Ch.119(6545 MHz) 484 T (RU 66)



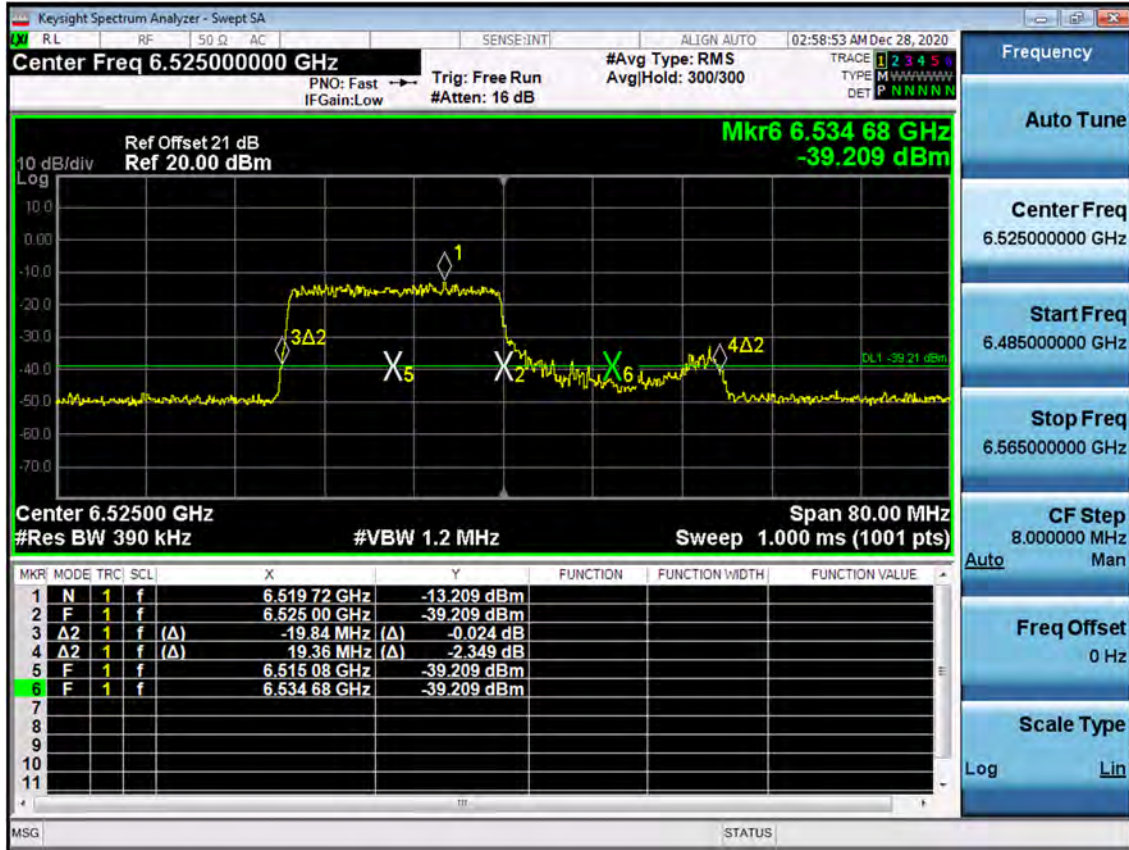
UNII 7	Measured Frequency	6525 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6585.16	6525	60.16

Note:

1. [UNII 7] 26dB Bandwidth = Measured Frequency[MHz] -6525 MHz

5.1.2 Ant2

(26dB) Bandwidth 40M Ch.115(6525 MHz) 242 T (RU 61)



UNII 6	6525 [MHz]	Measured Frequency	26dB Bandwidth
		[MHz]	[MHz]
	6525	6505.16	19.84

Note:

1. [UNII 6] 26dB Bandwidth = 6525 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 40M Ch.115(6525 MHz) 242 T (RU 62)

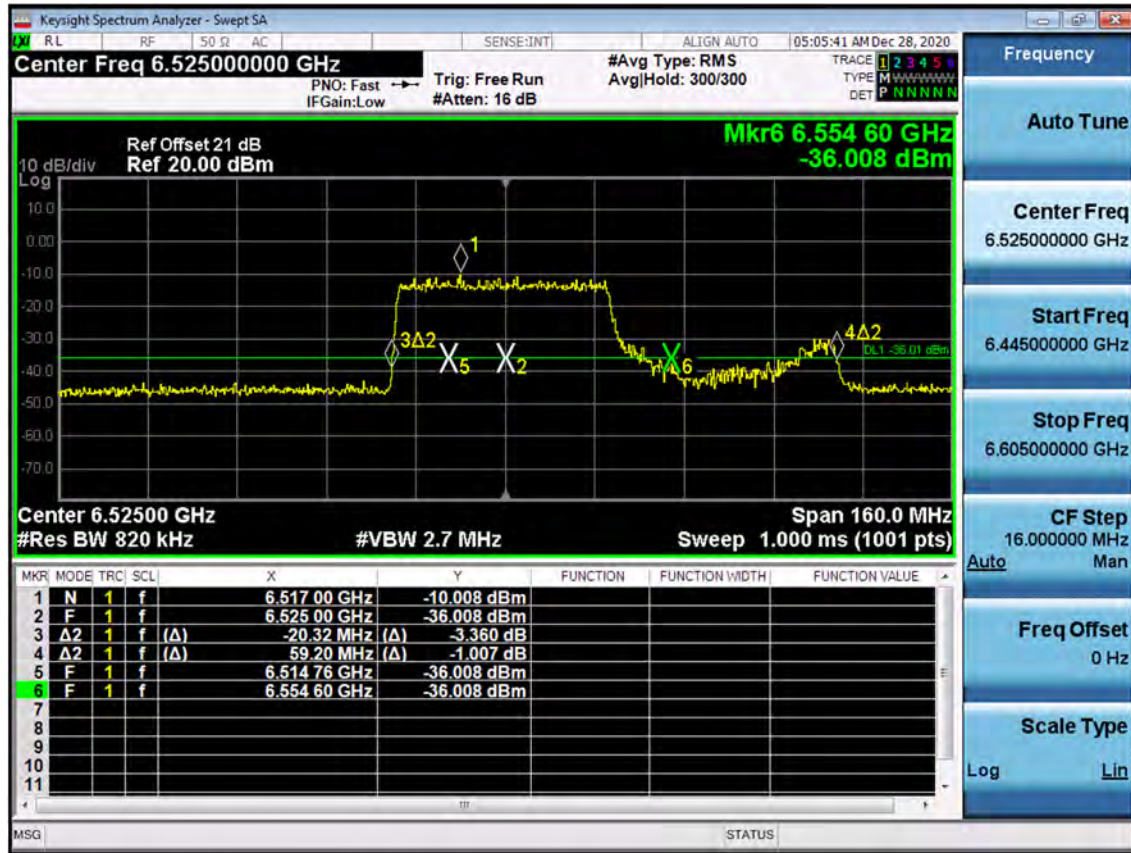


UNII 7	Measured Frequency	6525 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6544.84	6525	19.84

Note:

1. [UNII 7] 26dB Bandwidth = Measured Frequency[MHz] -6525 MHz

(26dB) Bandwidth 80M Ch.119(6545 MHz) 484 T (RU 65)

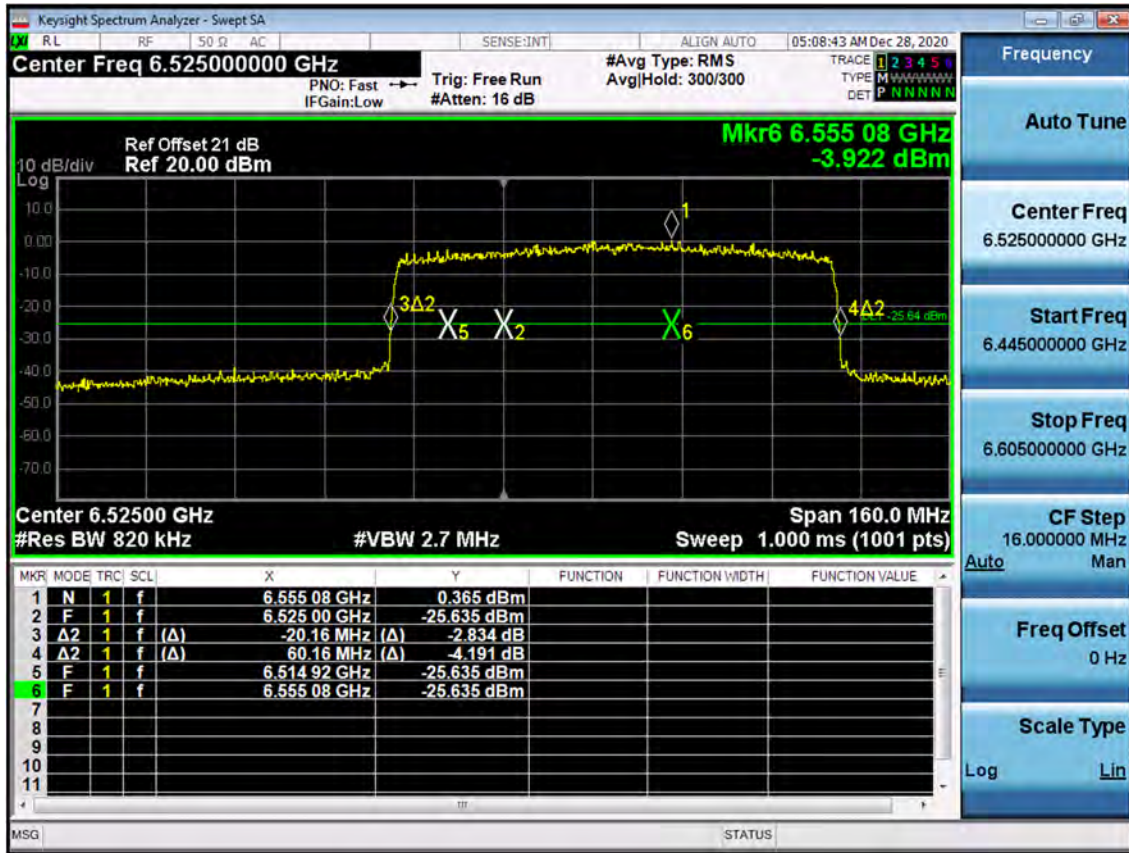


UNII 6	6525 [MHz]	Measured Frequency	26dB Bandwidth
		[MHz]	[MHz]
	6525	6504.68	20.32

Note:

1. [UNII 6] 26dB Bandwidth = 6525 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 80M Ch.119(6545 MHz) 996 T (RU 67)



UNII 7	Measured Frequency [MHz]	6525 [MHz]	26dB Bandwidth [MHz]
	6585.16	6525	60.16

Note:

1. [UNII 7] 26dB Bandwidth = Measured Frequency[MHz] -6525 MHz

5.2 Output Power

Note:

1. In order to simplify the report, attached plots were only channel of highest Power.
2. Straddle Channel UNII 6 / 7 Peak Ant Gain
 Ant1 = 0.44 dBi
 Ant2 = 1.12 dBi

5.2.1 Ant1

(UNII 6) Bandwidth 40M Ch.115(6525 MHz) SU

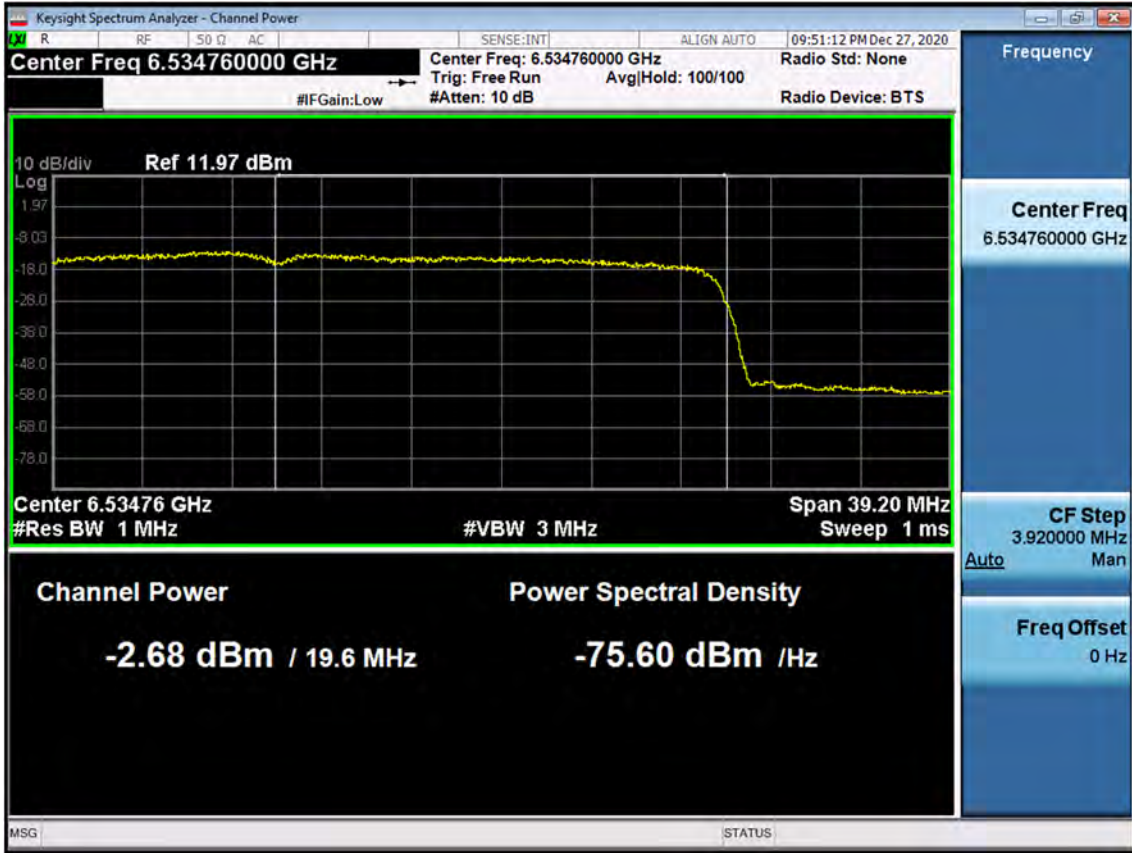


Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
-2.62	4.214	1.59	2.03	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)
 EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 40M Ch.115(6525 MHz) SU



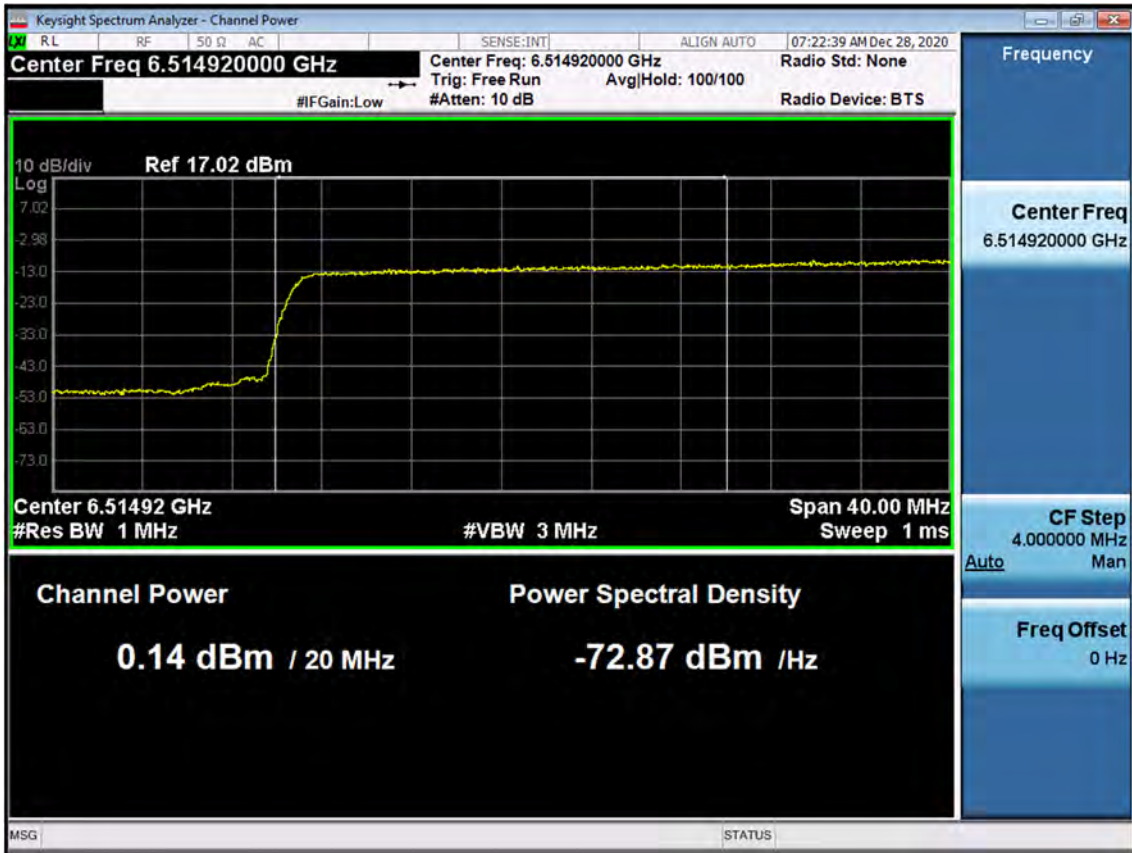
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
-2.68	4.214	1.53	1.97	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 6) Bandwidth 80M Ch.119(6545 MHz) 996 T (RU 67)



Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
0.14	0.167	0.31	0.75	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 80M Ch.119(6545 MHz) 996 T (RU 67)



Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
7.11	0.167	7.28	7.72	24

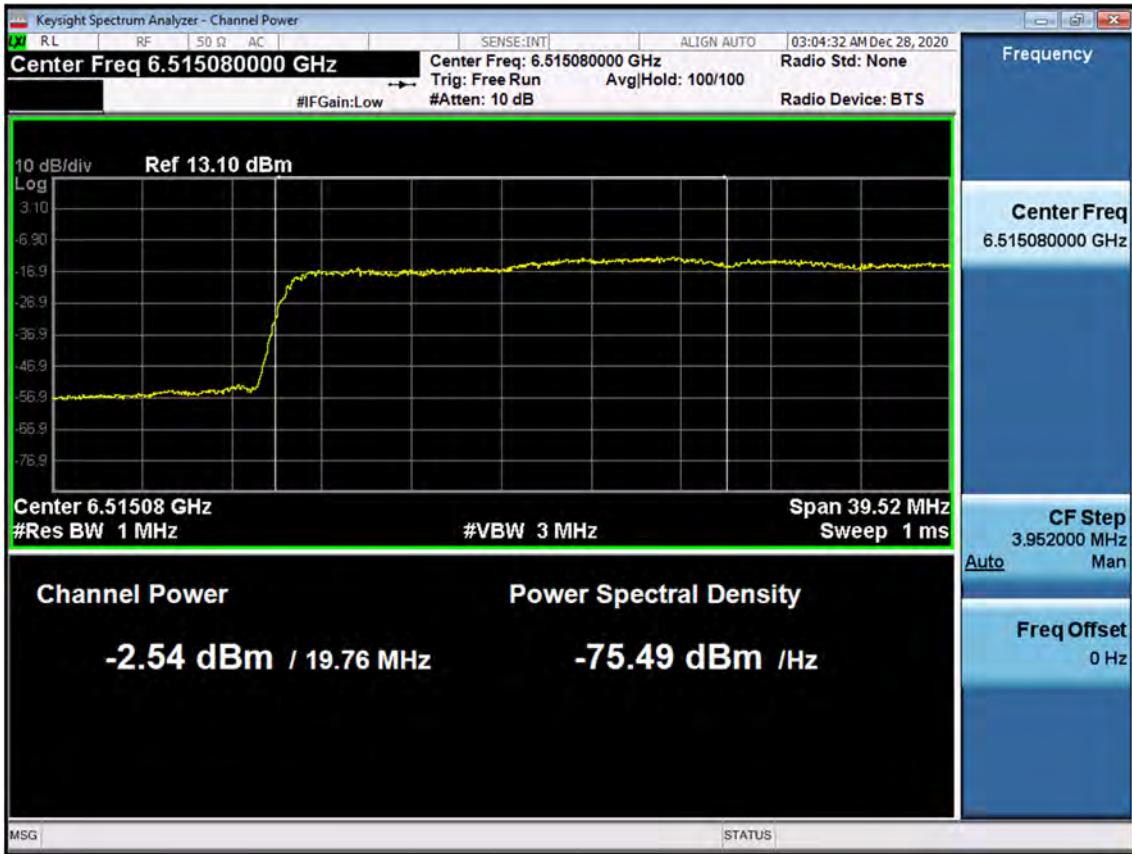
Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

5.2.1 Ant2

(UNII 6) Bandwidth 40M Ch.115(6525 MHz) SU



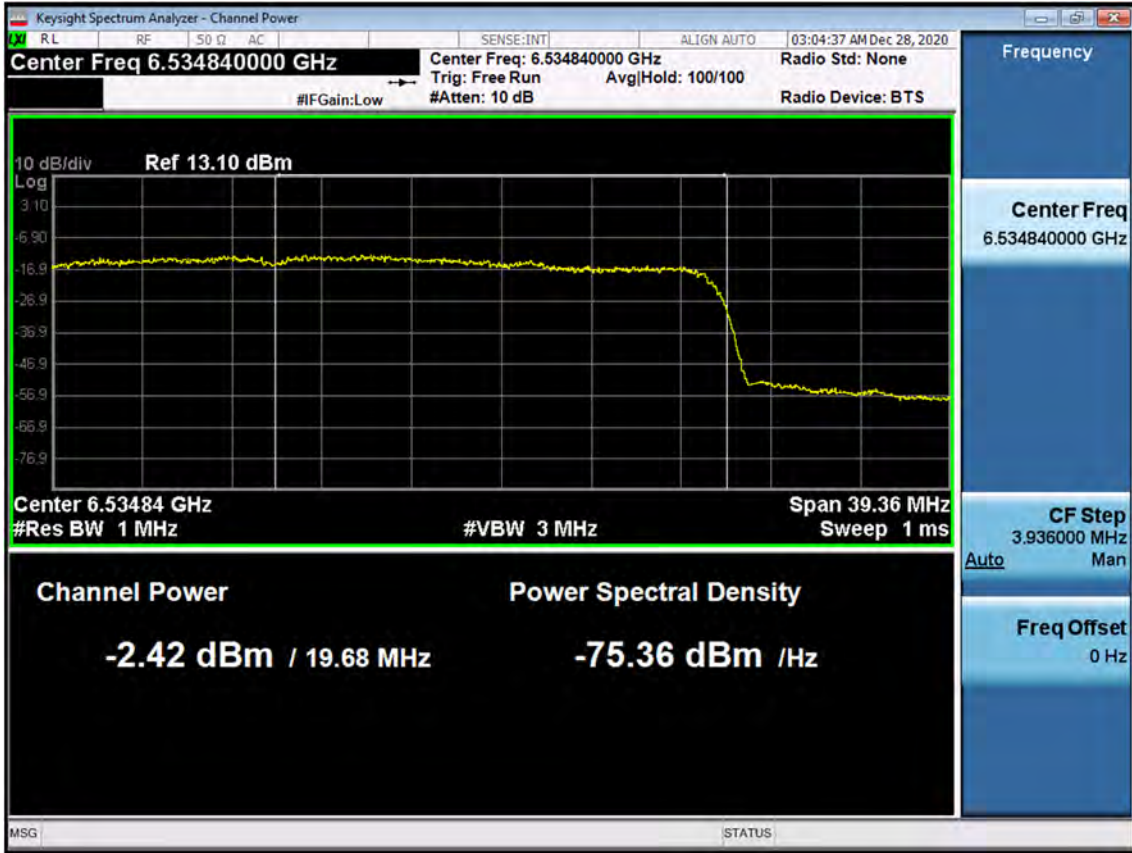
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
-2.54	4.214	1.68	2.80	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 40M Ch.115(6525 MHz) SU



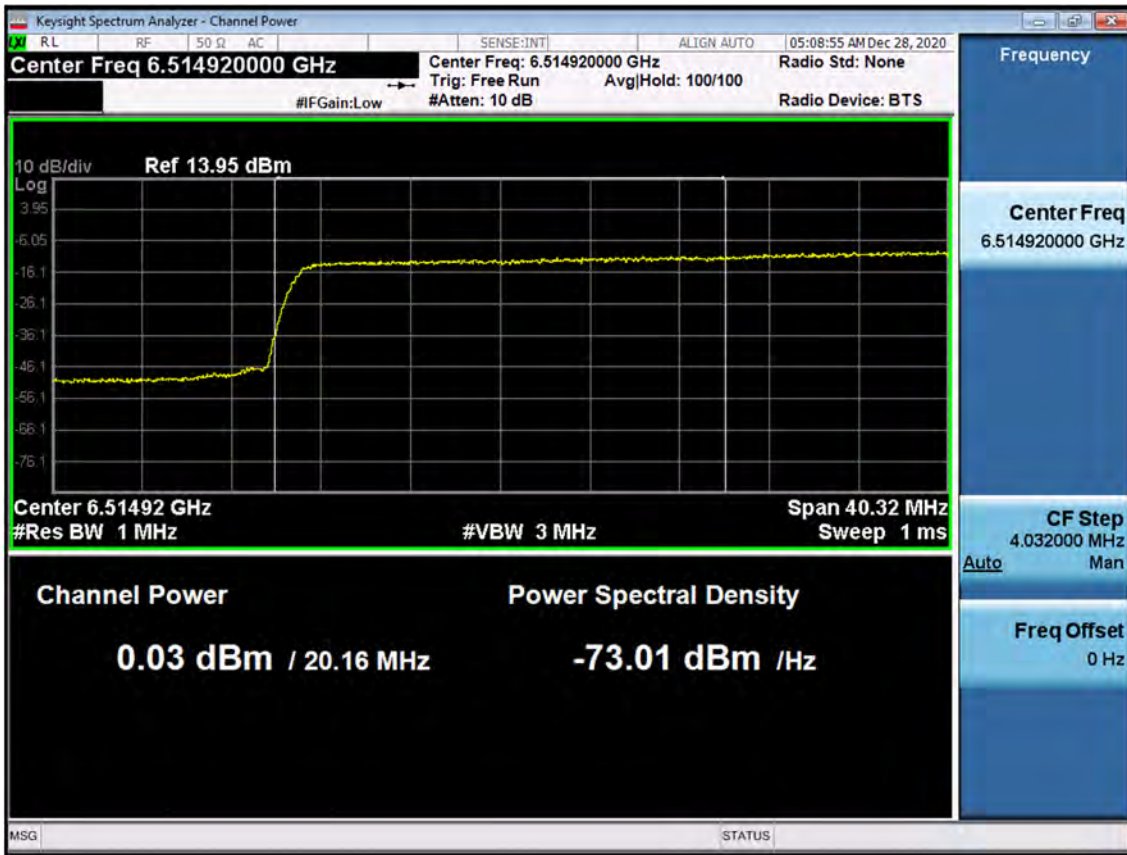
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
-2.42	4.214	1.79	2.91	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 6) Bandwidth 80M Ch.119(6545 MHz) 996 T (RU 67)



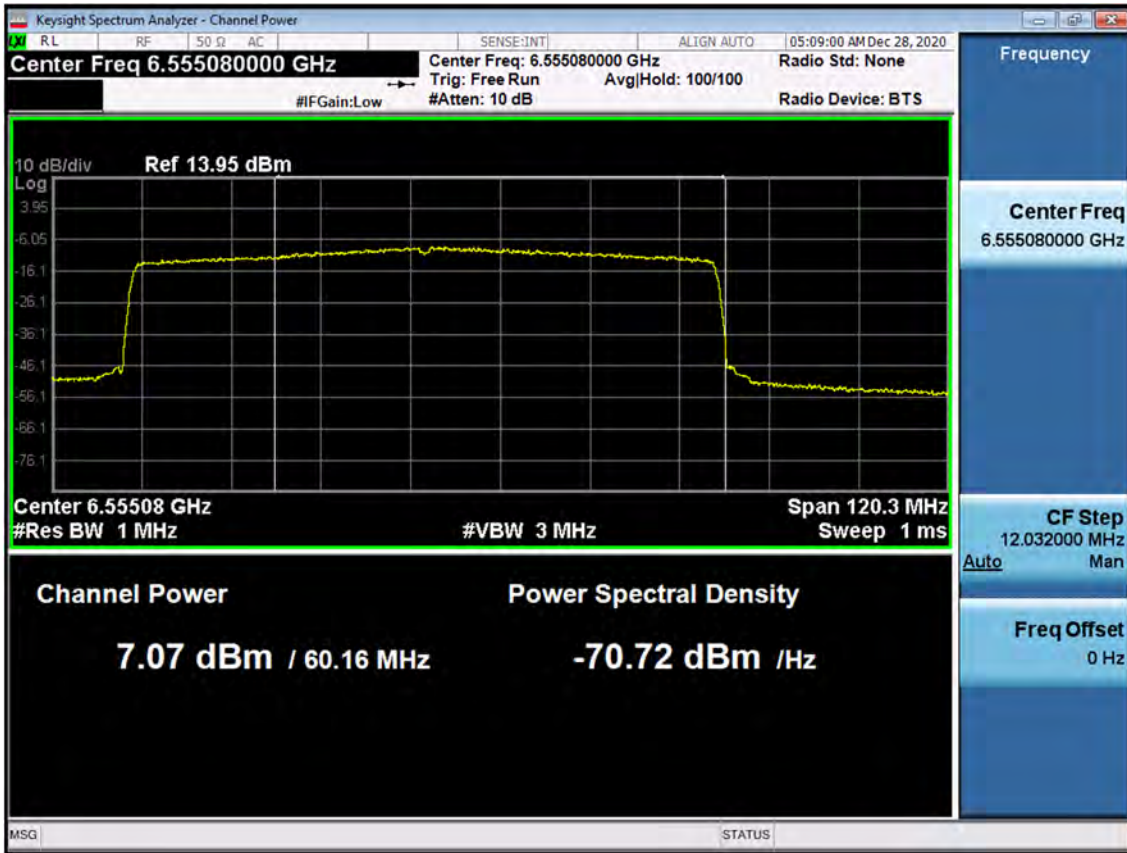
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
0.03	0.167	0.20	1.32	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 80M Ch.119(6545 MHz) 996 T (RU 67)



Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
7.07	0.167	8.24	8.36	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

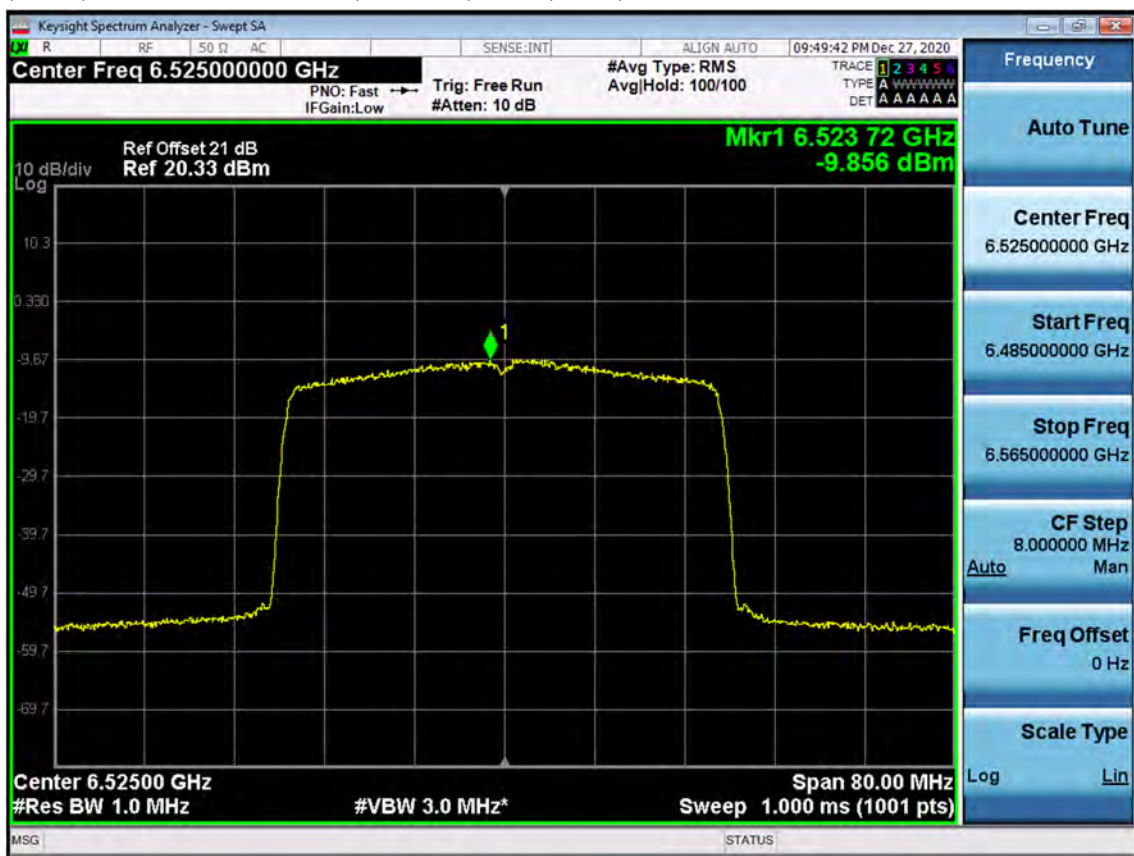
5.3 Power Spectral Density

Note:

1. In order to simplify the report, attached plots were only channel of highest PSD.
2. Straddle Channel UNII 6 / 7 Peak Ant Gain
 - Ant1 = 0.44 dBi
 - Ant2 = 1.12 dBi

5.3.1 Ant1

(UNII 6) Bandwidth 40M Ch.115(6525 MHz) 484 T (RU 65)



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-9.86	0.159	-9.70	-9.26	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 40M Ch.115(6525 MHz) 26 T (RU 9)



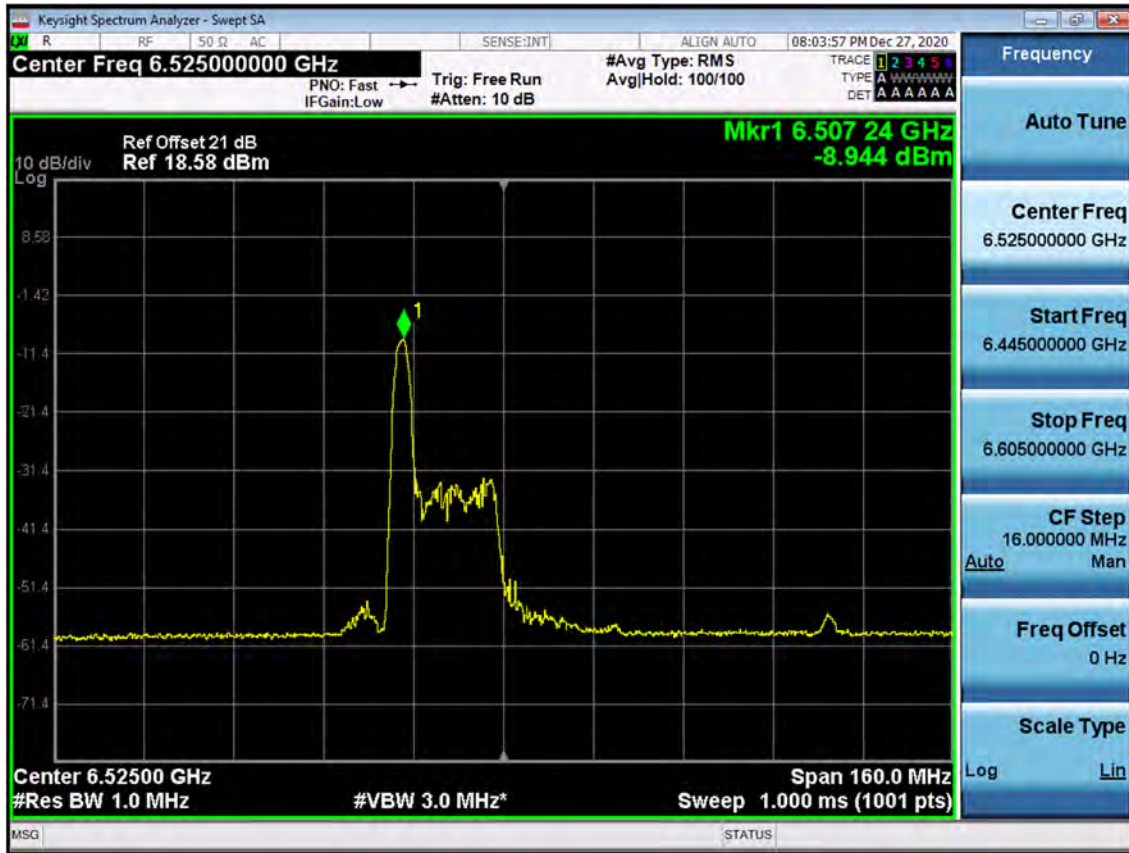
Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.32	0.186	-8.13	-7.69	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

(UNII 6) Bandwidth 80M Ch.119(6545 MHz) 26 T (RU 0)



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.94	0.186	-8.76	-8.32	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 80M Ch.119(6545 MHz) 996 T (RU 67)



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.63	0.167	-8.47	-8.03	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

5.3.2 Ant2

(UNII 6) Bandwidth 40M Ch.115(6525 MHz) SU



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-13.12	4.214	-8.91	-7.79	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 40M Ch.115(6525 MHz) 484 T (RU 65)



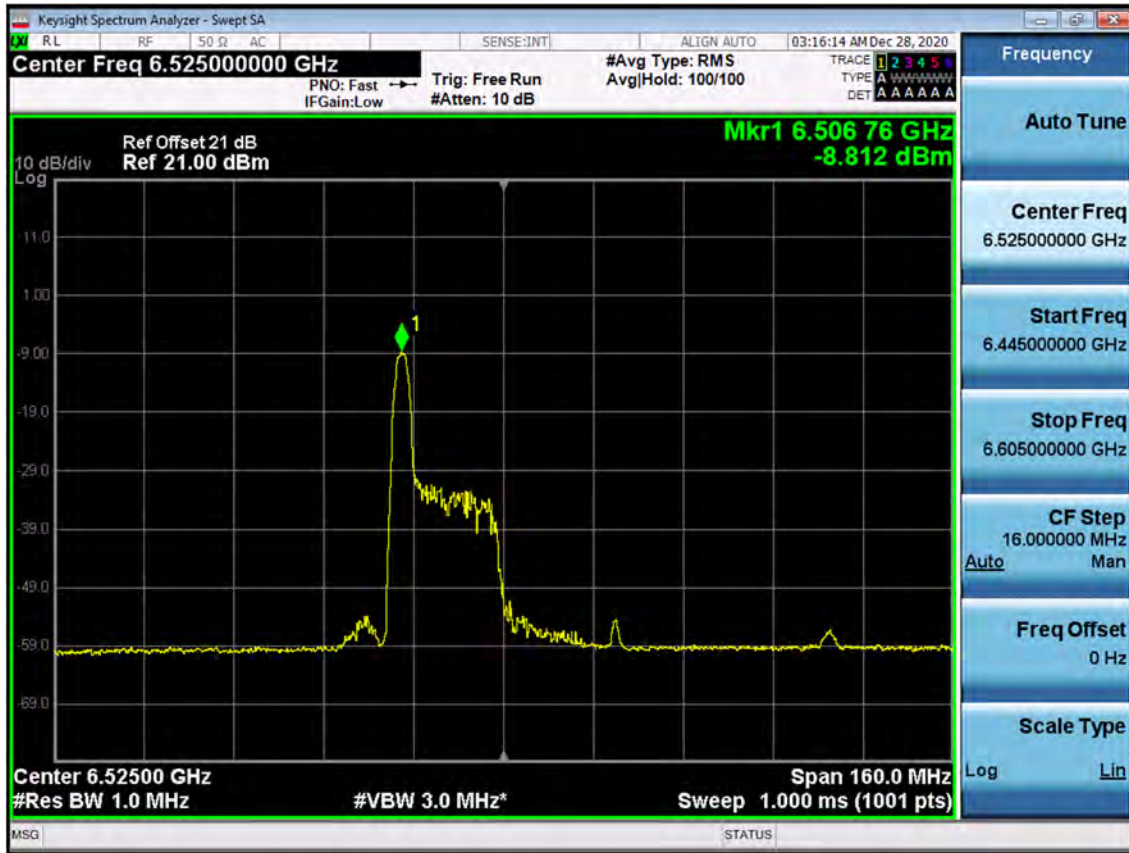
Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-9.32	0.159	-9.32	-8.04	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

(UNII 6) Bandwidth 80M Ch.119(6545 MHz) 26 T (RU 0)



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.81	0.186	-8.63	-7.51	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 80M Ch.119(6545 MHz) 26 T (RU 36)



Reading Value (dBm/MHz)	Duty Cycle Factor (dB)	Total PSD (dBm)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
-8.36	0.19	-8.18	-7.06	-1

Note:

Total PSD(dBm/MHz) = Reading Value(dBm/MHz) + Duty Cycle Factor(dB)

EIRP PSD(dBm/MHz) = Duty Factor(dB) + Reading Value (dBm/MHz) + Peak Ant. Gain(dBi)

6. Straddle Channel(UNII 7, UNII 8)

6.1 26dB Bandwidth

Note:

1. In order to simplify the report, attached plots were only the most wide channel.

6.1.1 Ant1

(26dB) Bandwidth 20M Ch.185(6875 MHz) 52 T (RU 37)



UNII 7	6875 [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	6875	6862.88	12.12

Note:

1. [UNII 7] 26dB Bandwidth = 6875 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 20M Ch.185(6875 MHz) 26 T (RU 8)

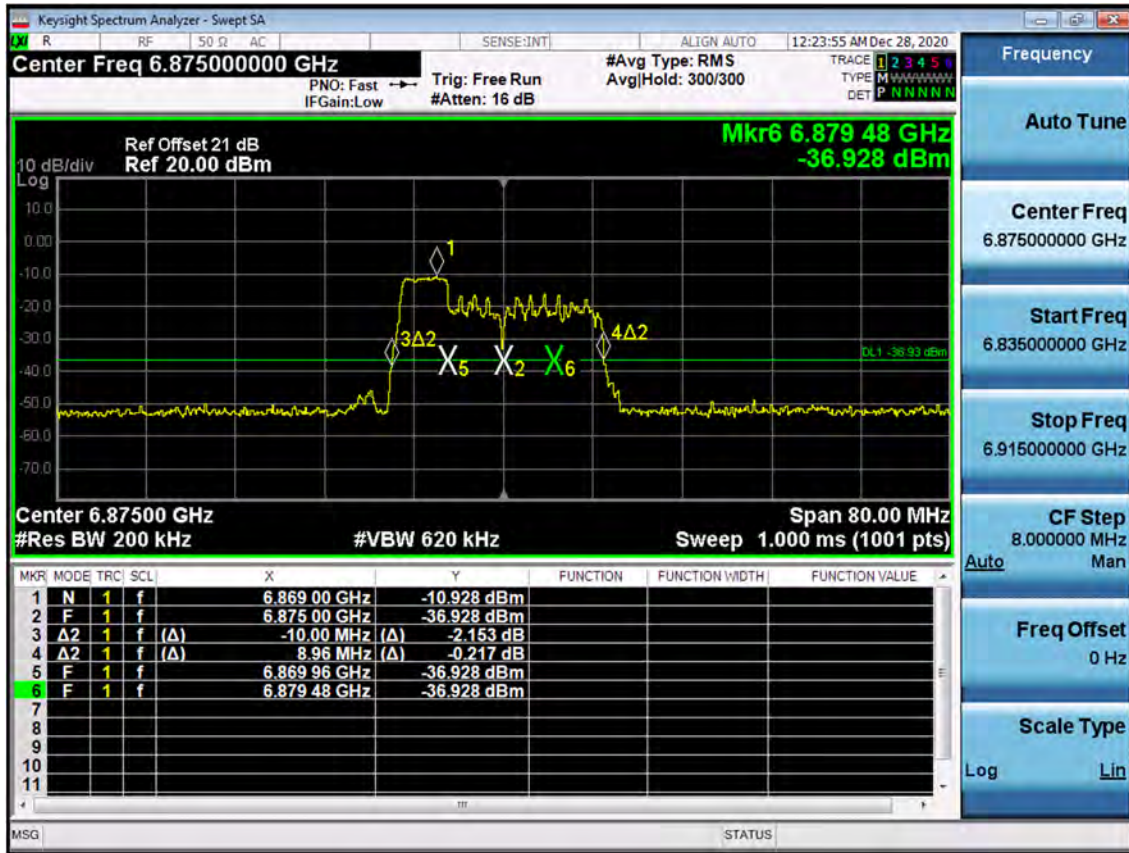


UNII 8	Measured Frequency	6875 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6886.48	6875	11.48

Note:

1. [UNII 8] 26dB Bandwidth = Measured Frequency[MHz] -6875 MHz

(26dB) Bandwidth 40M Ch.187(6885 MHz) 52 T (RU 37)



UNII 7	6875 [MHz]	Measured Frequency	26dB Bandwidth
		[MHz]	[MHz]
	6875	6865	10.00

Note:

1. [UNII 7] 26dB Bandwidth = 6875 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 40M Ch.187(6885 MHz) 242 T (RU 62)

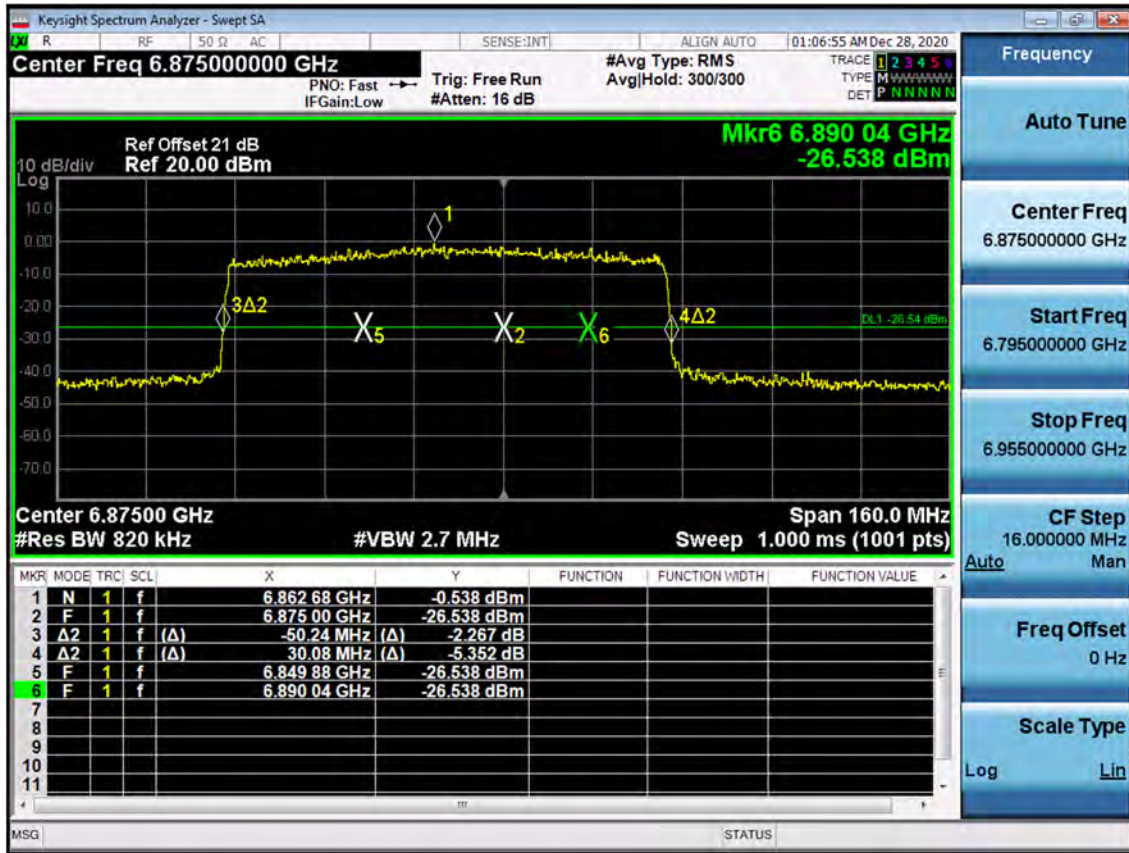


UNII 8	Measured Frequency	6875 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6904.76	6875	29.76

Note:

1. [UNII 8] 26dB Bandwidth = Measured Frequency[MHz] -6875 MHz

(26dB) Bandwidth 80M Ch.183(6865 MHz) SU

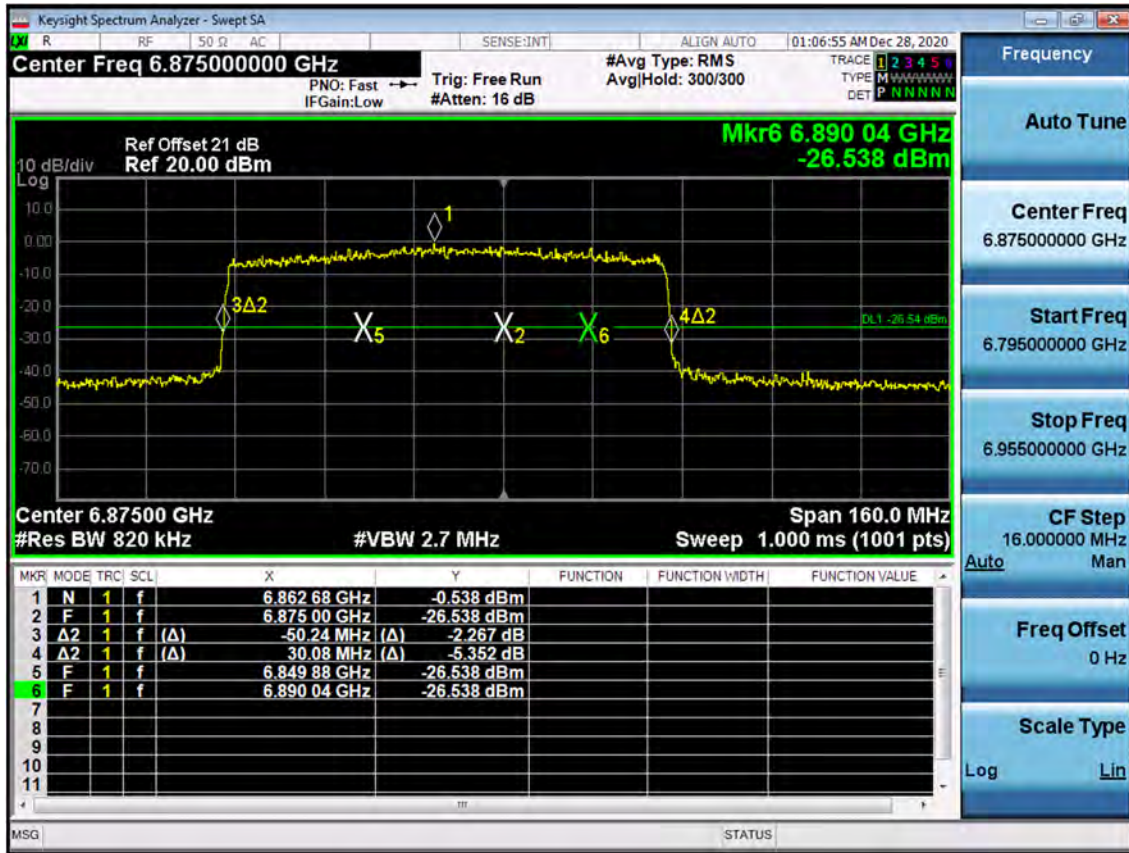


UNII 7	6875 [MHz]	Measured Frequency	26dB Bandwidth
		[MHz]	[MHz]
	6875	6824.76	50.24

Note:

1. [UNII 7] 26dB Bandwidth = 6875 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 80M Ch.183(6865 MHz) SU



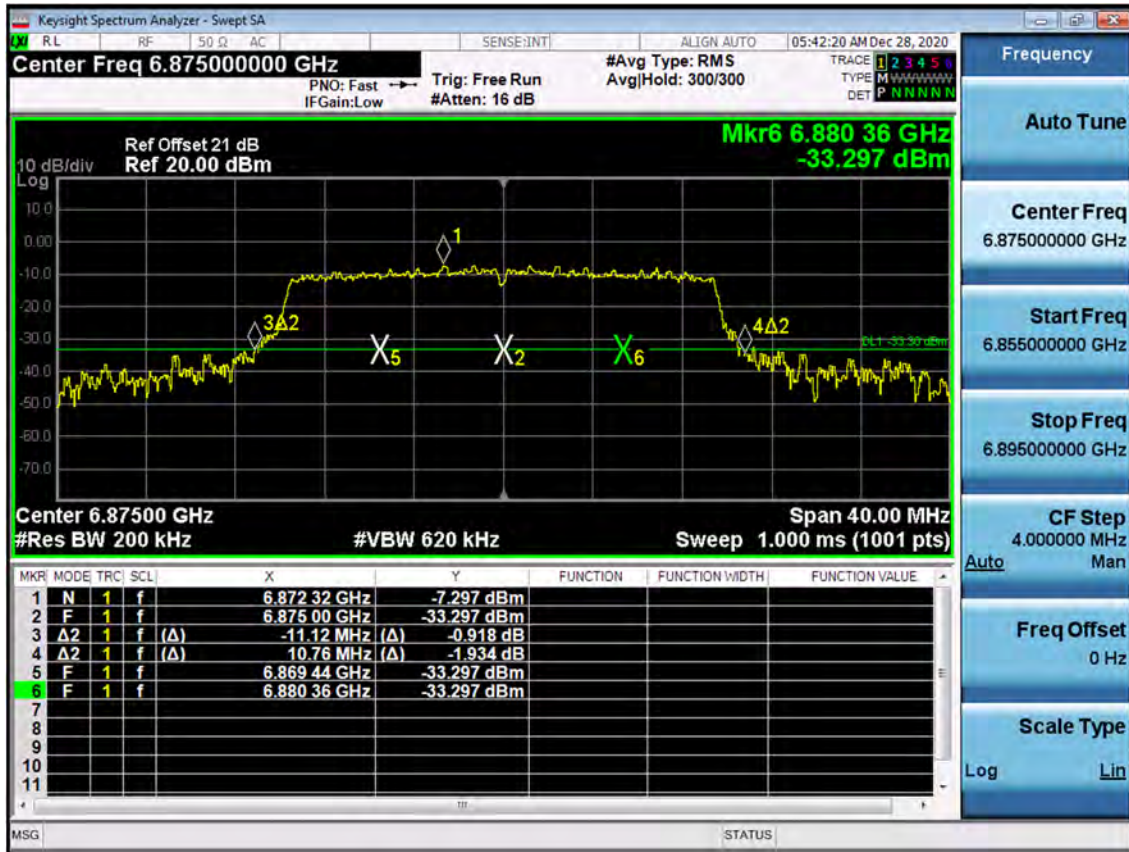
UNII 8	Measured Frequency	6875 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6905.08	6875	30.08

Note:

1. [UNII 8] 26dB Bandwidth = Measured Frequency[MHz] -6875 MHz

6.1.2 Ant2

(26dB) Bandwidth 20M Ch.185(6875 MHz) SU



UNII 7	6875 [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	6875	6863.88	11.12

Note:

- [UNII 7] 26dB Bandwidth = 6875 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 20M Ch.185(6875 MHz) 106 T (RU 54)

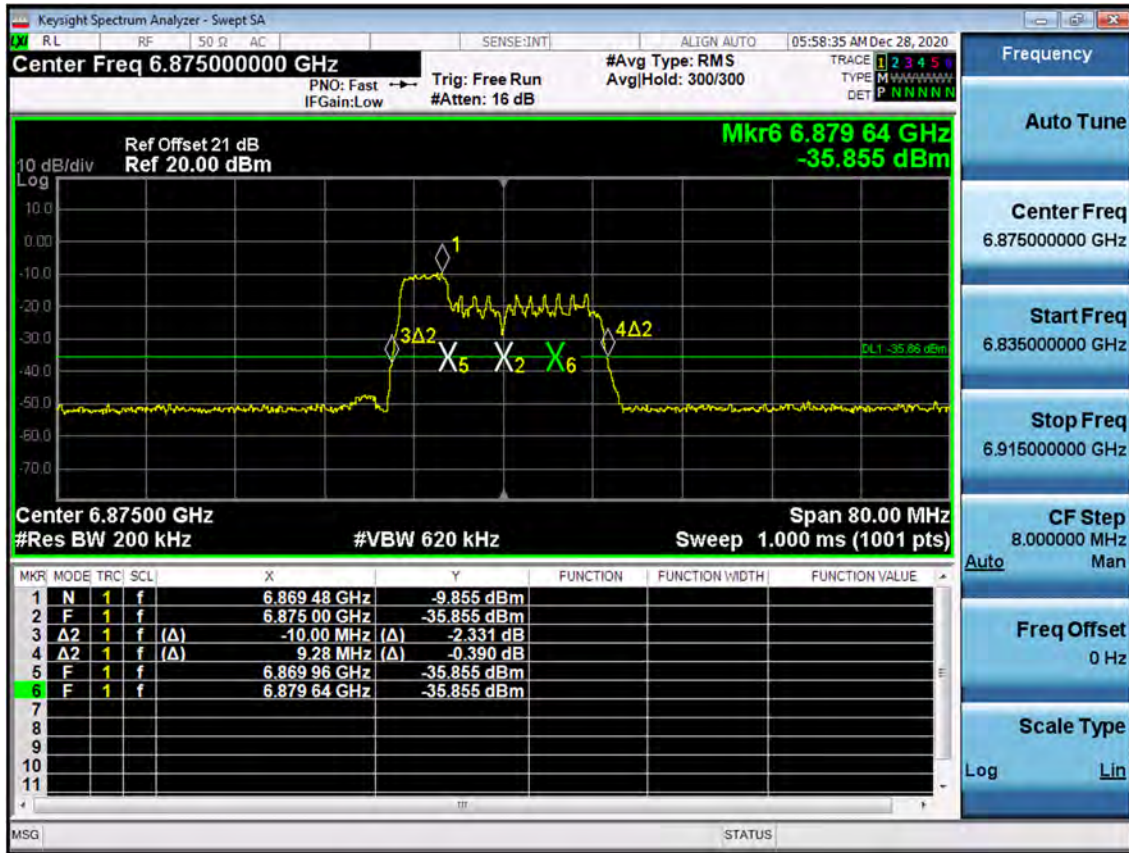


UNII 8	Measured Frequency	6875 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6886.32	6875	11.32

Note:

1. [UNII 8] 26dB Bandwidth = Measured Frequency[MHz] -6875 MHz

(26dB) Bandwidth 40M Ch.187(6885 MHz) 52 T (RU 37)



UNII 7	6875 [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	6875	6865	10.00

Note:

1. [UNII 7] 26dB Bandwidth = 6875 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 40M Ch.187(6885 MHz) 242 T (RU 62)



UNII 8	Measured Frequency	6875 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6904.84	6875	29.84

Note:

1. [UNII 8] 26dB Bandwidth = Measured Frequency[MHz] -6875 MHz

(26dB) Bandwidth 80M Ch.183(6865 MHz) 484 T (RU 65)

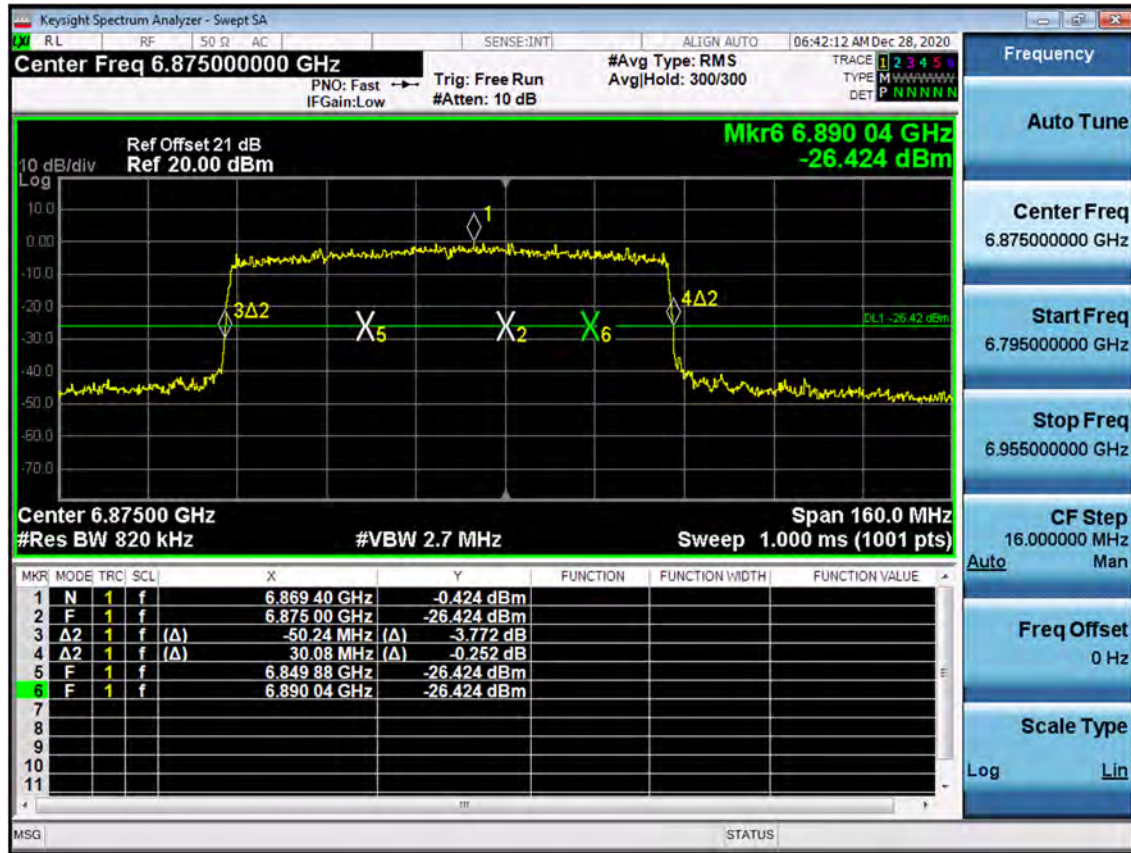


UNII 7	6875 [MHz]	Measured Frequency	26dB Bandwidth
		[MHz]	[MHz]
	6875	6824.76	50.24

Note:

1. [UNII 7] 26dB Bandwidth = 6875 MHz - Measured Frequency[MHz]

(26dB) Bandwidth 80M Ch.183(6865 MHz) SU



UNII 8	Measured Frequency	6875 [MHz]	26dB Bandwidth
	[MHz]		[MHz]
	6905.08	6875	30.08

Note:

1. [UNII 8] 26dB Bandwidth = Measured Frequency[MHz] -6875 MHz

6.2 Output Power

Note:

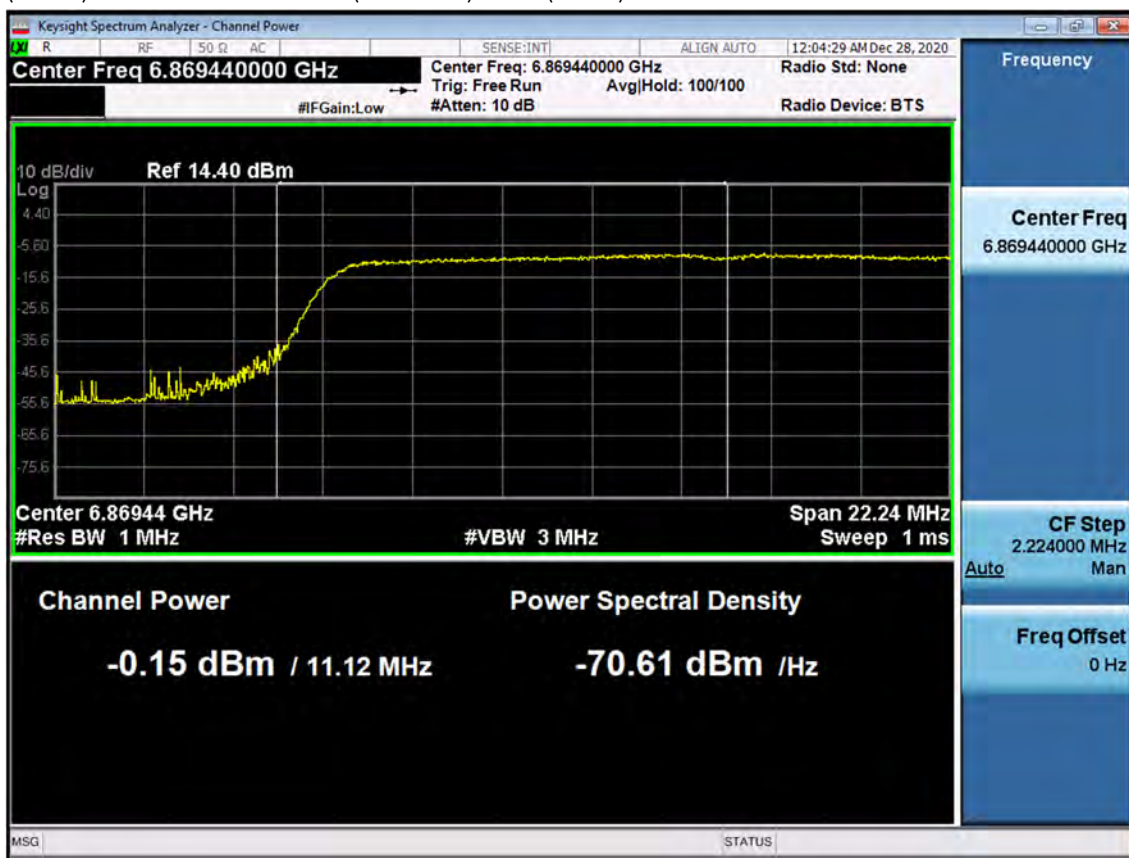
1. In order to simplify the report, attached plots were only channel of highest Power.
2. Straddle Channel UNII 7 / 8 Peak Ant Gain

Ant1 = -2.33 dBi

Ant2 = 1.43 dBi

6.2.1 Ant1

(UNII 7) Bandwidth 20M Ch.185(6875 MHz) 242 T (RU 61)



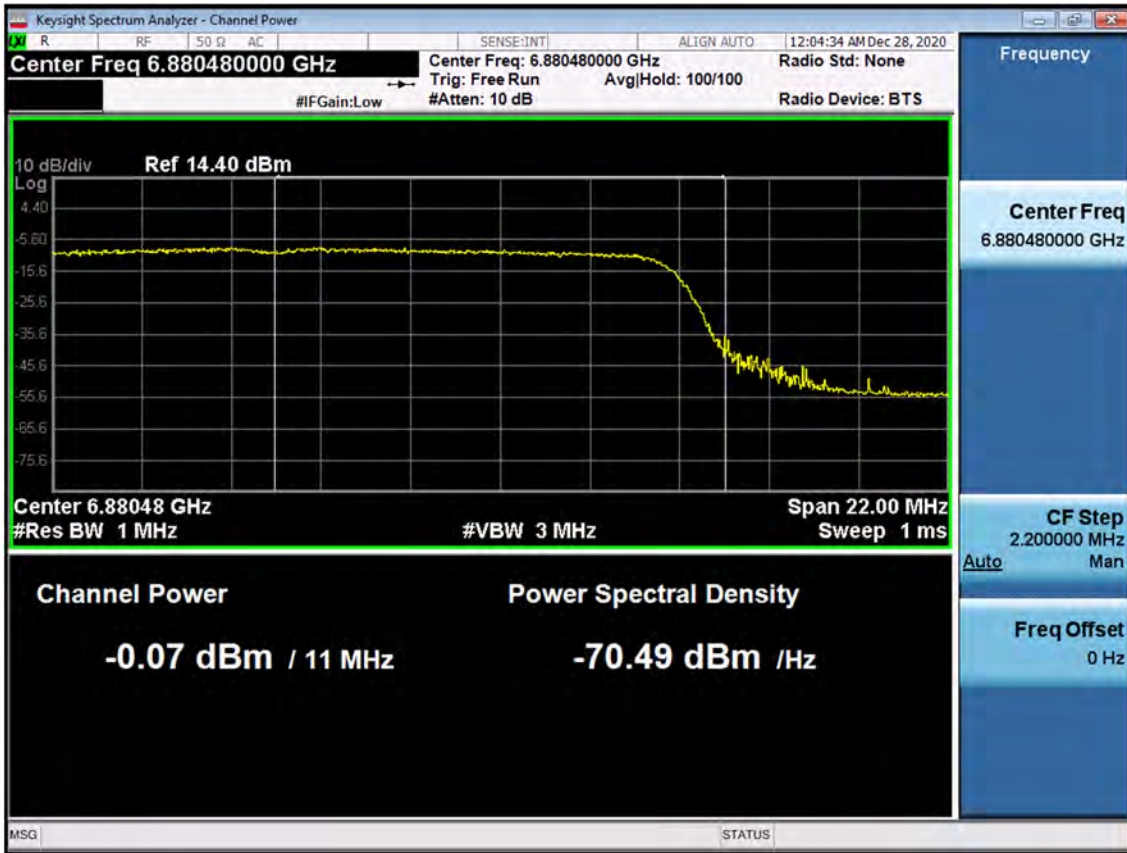
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
0.15	0.158	0.308	-2.32	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 8) Bandwidth 20M Ch.185(6875 MHz) 242 T (RU 61)



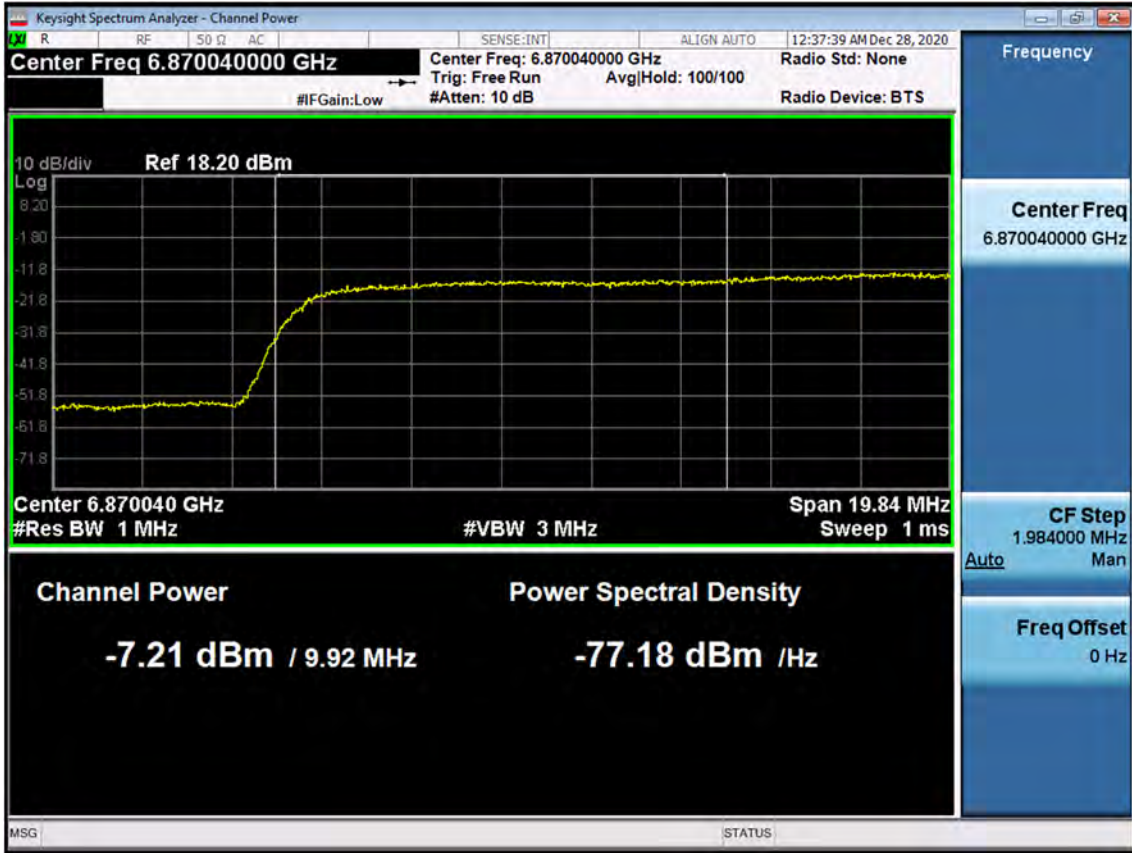
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
0.07	0.158	0.228	-2.24	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 40M Ch.187(6885 MHz) SU



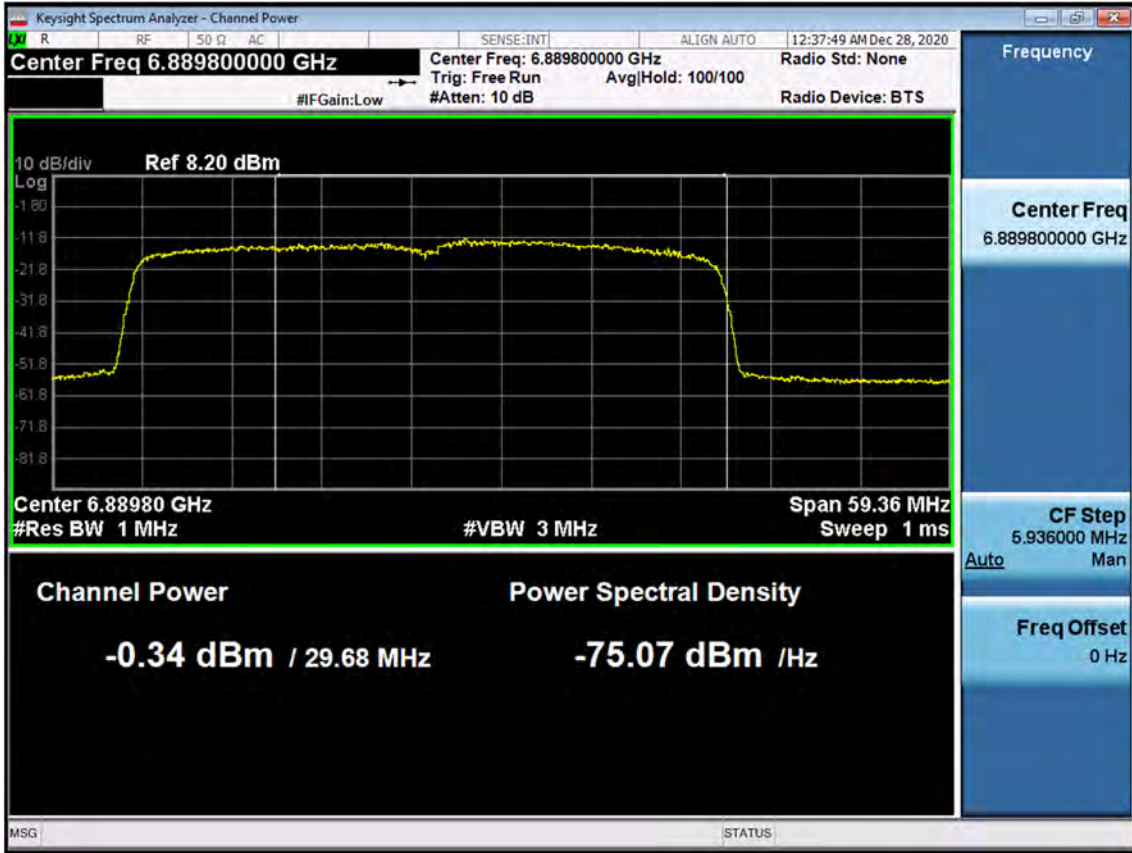
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
-7.21	4.214	-3.00	-5.33	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 8) Bandwidth 40M Ch.187(6885 MHz) SU



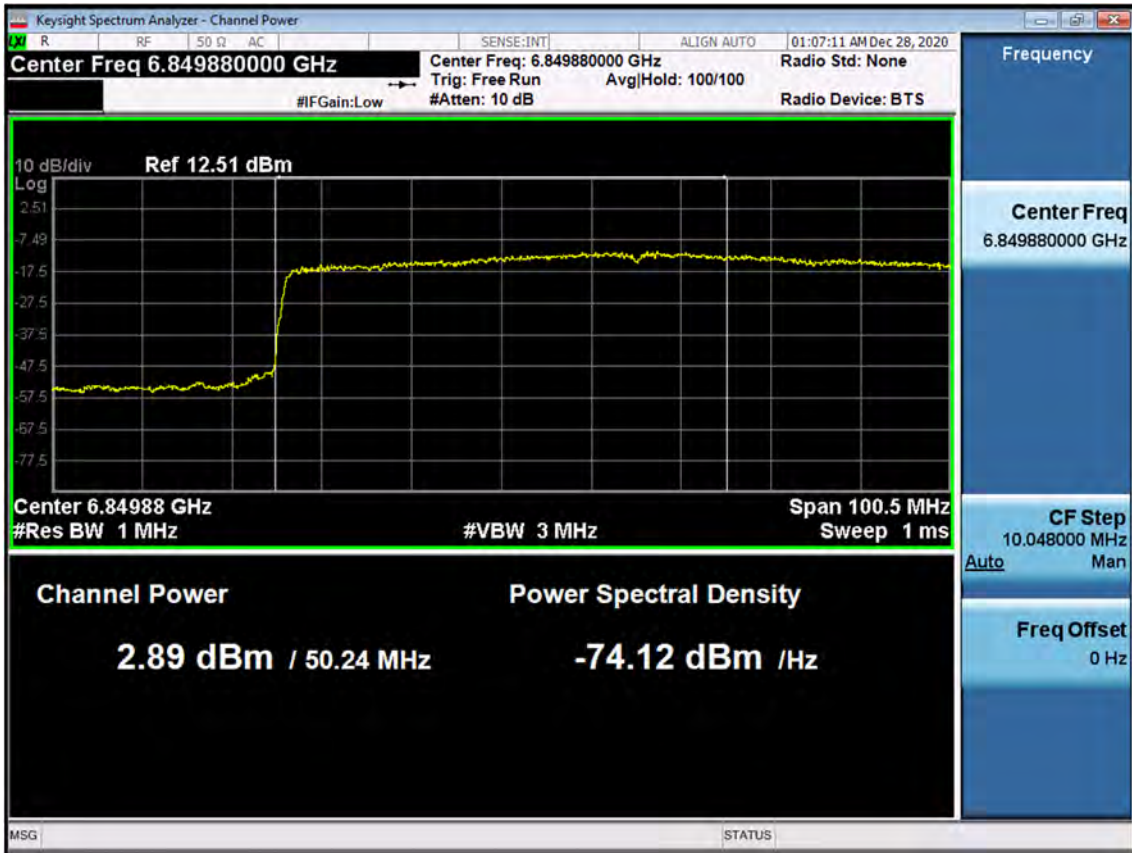
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
-0.34	4.214	3.87	1.54	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 7) Bandwidth 80M Ch.183(6865 MHz) SU



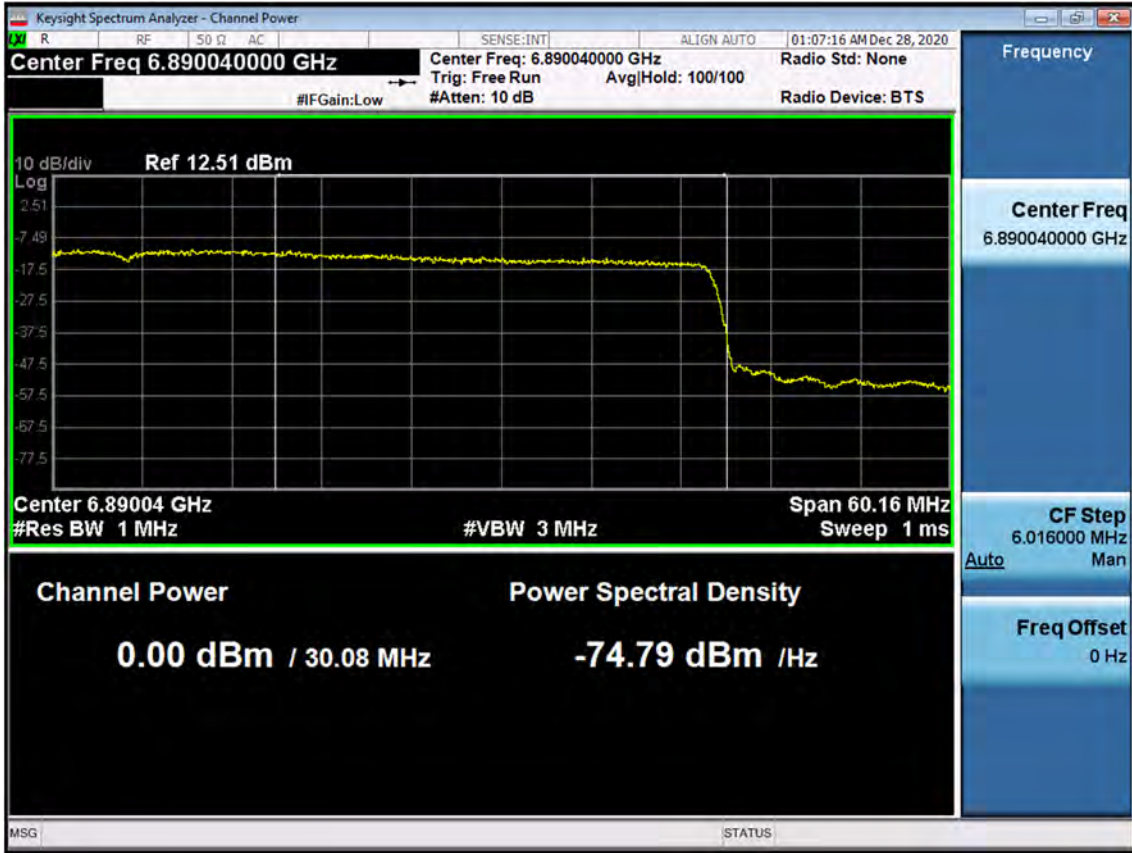
Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
2.89	2.808	5.70	3.36	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)

(UNII 8) Bandwidth 80M Ch.183(6865 MHz) SU



Reading Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)
0.00	2.808	2.81	0.48	24

Note:

Total Power(dBm) = Reading Value(dBm) + Duty Cycle Factor(dB)

EIRP Power(dBm) = Duty Factor(dB) + Reading Value (dBm) + Peak Ant. Gain(dBi)