

Test Mode	IEEE 802.11be(EHT320)_Ant_1
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6105MHz Center Freq: 6.105000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1007 pts) Marker 1: 6.0795 GHz, -10.514 dBm	6265MHz Center Freq: 6.265000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1007 pts) Marker 1: 6.3505 GHz, -9.548 dBm	-
6425MHz Center Freq: 6.425000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1007 pts) Marker 1: 6.5225 GHz, -9.581 dBm	-	-
6585MHz Center Freq: 6.585000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1007 pts) Marker 1: 6.5985 GHz, -9.492 dBm	6745MHz Center Freq: 6.745000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1007 pts) Marker 1: 6.7125 GHz, -9.528 dBm	-
6905MHz Center Freq: 6.905000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1007 pts) Marker 1: 6.7775 GHz, -9.527 dBm	-	-

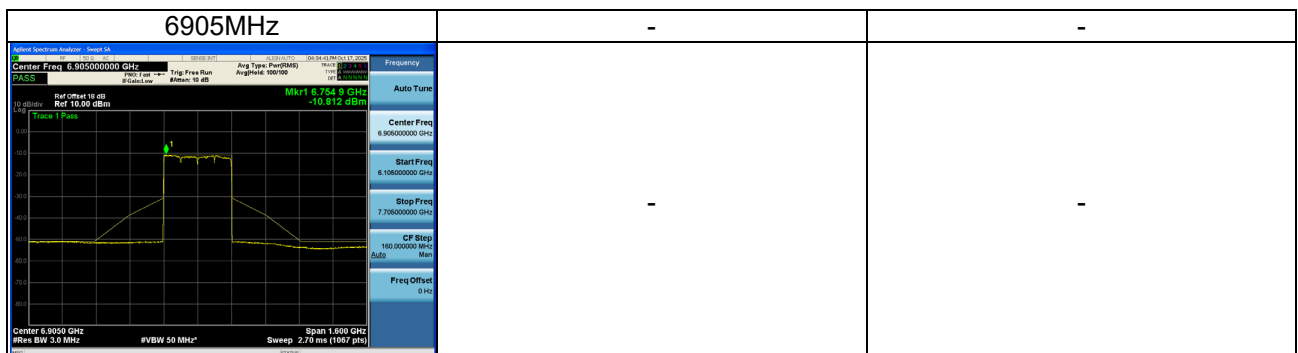
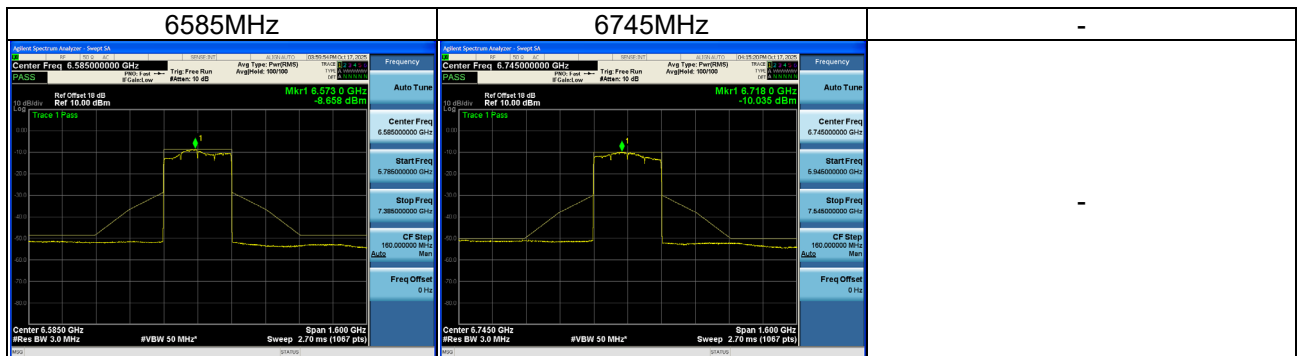
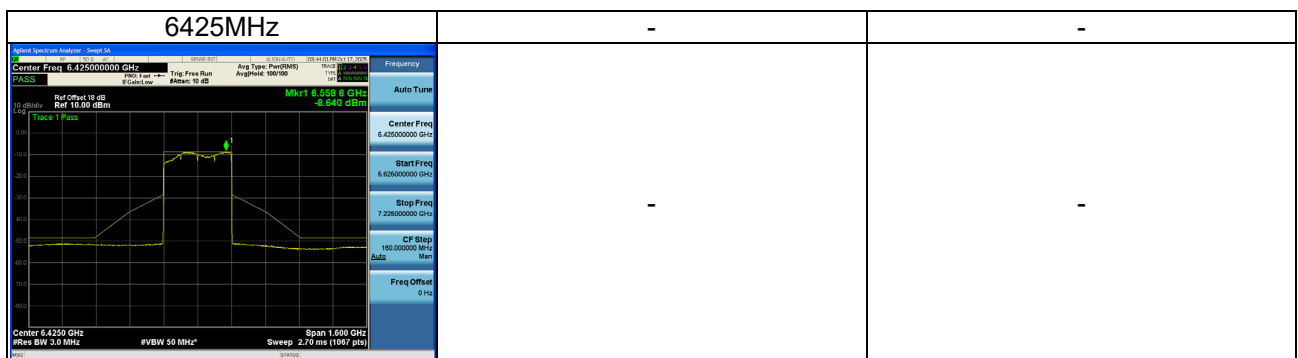
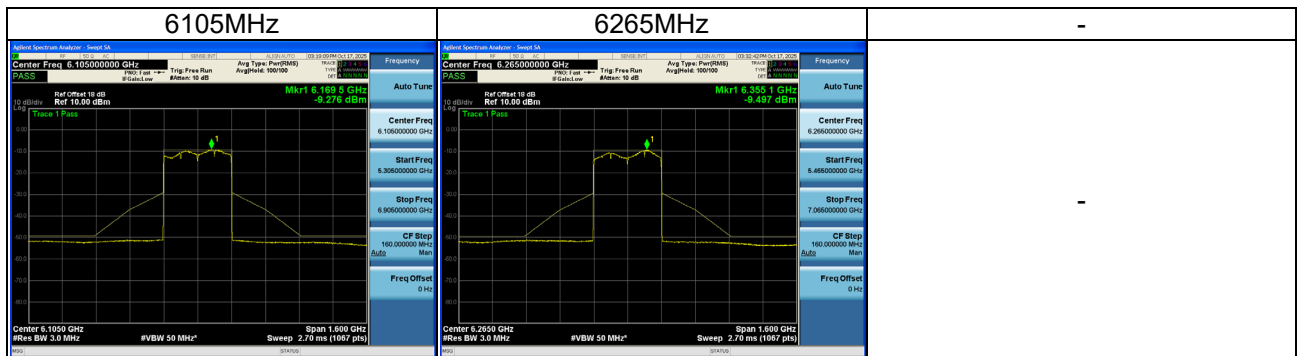
Test Mode	IEEE 802.11be(EHT320)_Ant_2
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6105MHz Center Freq: 6.105000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1087 pts)	6265MHz Center Freq: 6.265000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1087 pts)	-
6425MHz Center Freq: 6.425000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1087 pts)	-	-
6585MHz Center Freq: 6.585000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1087 pts)	6745MHz Center Freq: 6.745000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1087 pts)	-
6905MHz Center Freq: 6.905000000 GHz Span: 1.600 GHz Sweep: 2.70 ms (1087 pts)	-	-

Test Mode	IEEE 802.11be(EHT320)_Ant_3
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6105MHz Center Freq: 6.105000000 GHz Mkr1 6.178 5 GHz -5.552 dBm Span 1.600 GHz #Res BW 3.0 MHz	6265MHz Center Freq: 6.265000000 GHz Mkr1 6.349 1 GHz -4.503 dBm Span 1.600 GHz #Res BW 3.0 MHz	-
6425MHz Center Freq: 6.425000000 GHz Mkr1 6.352 0 GHz -4.352 dBm Span 1.600 GHz #Res BW 3.0 MHz	-	-
6585MHz Center Freq: 6.585000000 GHz Mkr1 6.598 5 GHz -4.497 dBm Span 1.600 GHz #Res BW 3.0 MHz	6745MHz Center Freq: 6.745000000 GHz Mkr1 6.707 5 GHz -10.244 dBm Span 1.600 GHz #Res BW 3.0 MHz	-
6905MHz Center Freq: 6.905000000 GHz Mkr1 6.751 9 GHz -7.644 dBm Span 1.600 GHz #Res BW 3.0 MHz	-	-

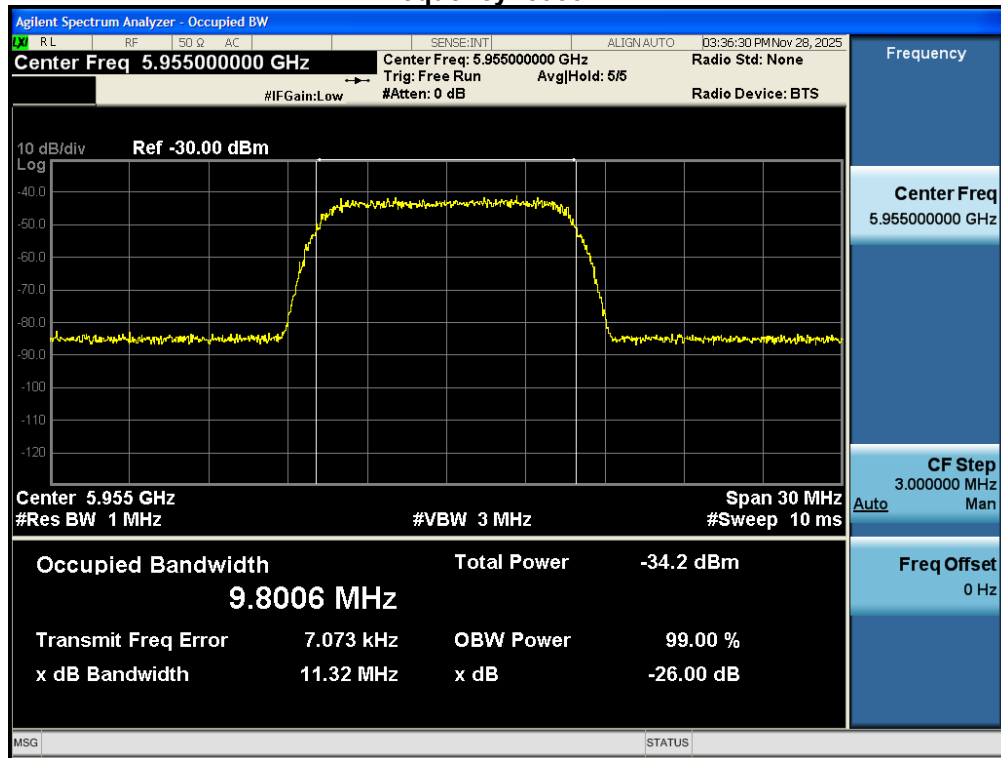
Test Mode	IEEE 802.11be(EHT320)_Ant_4
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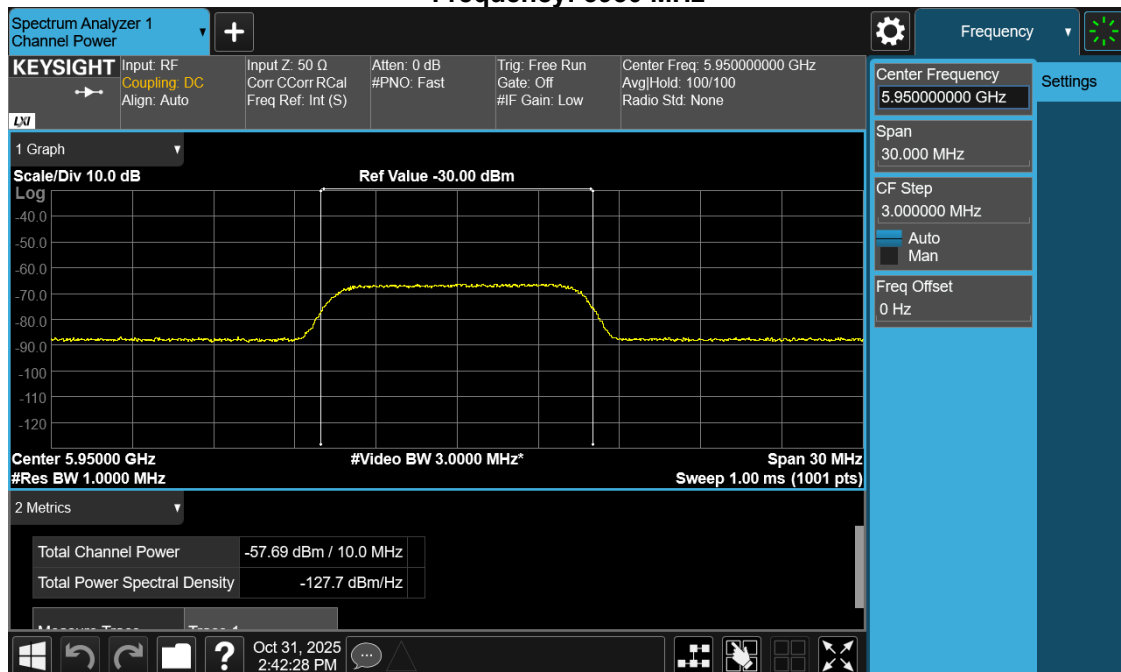
APPENDIX I - CONTENTION BASED PROTOCOL

Test Mode UNII-5, UNII-6, UNII-7, UNII-8

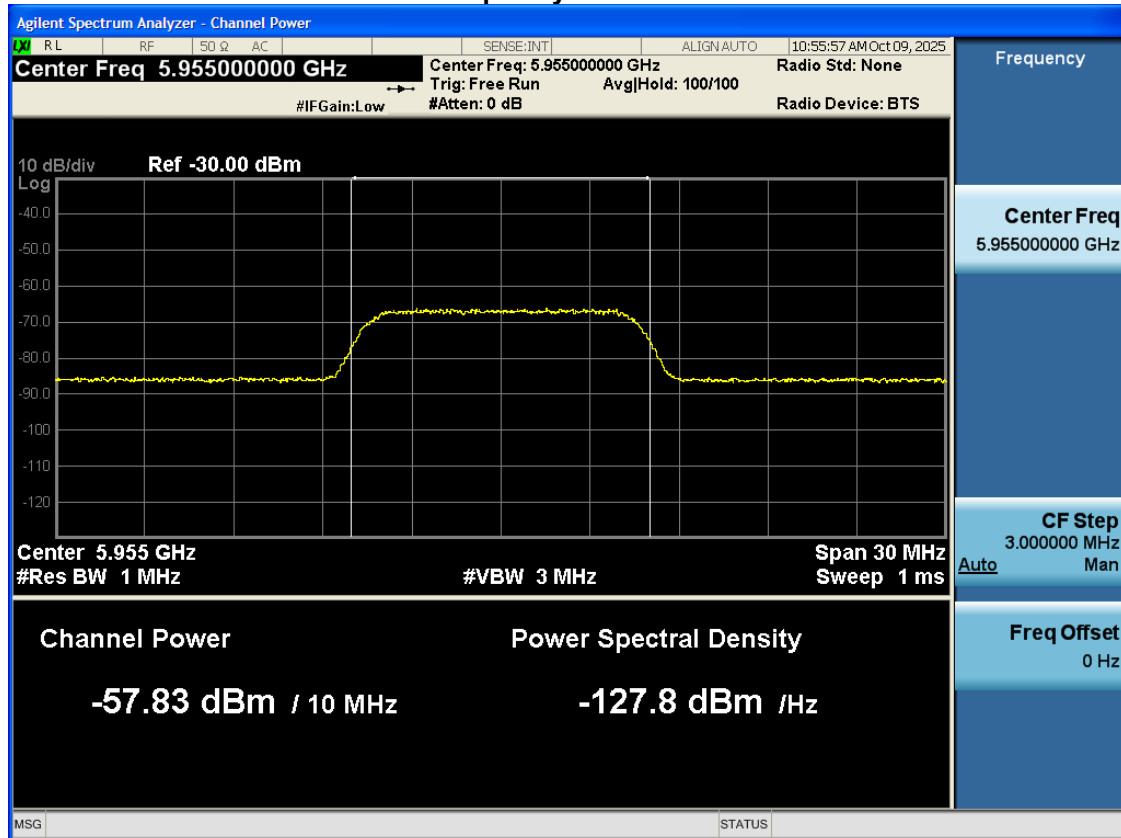
Incumbent Signal (AWGN) Frequency: 5955 MHz



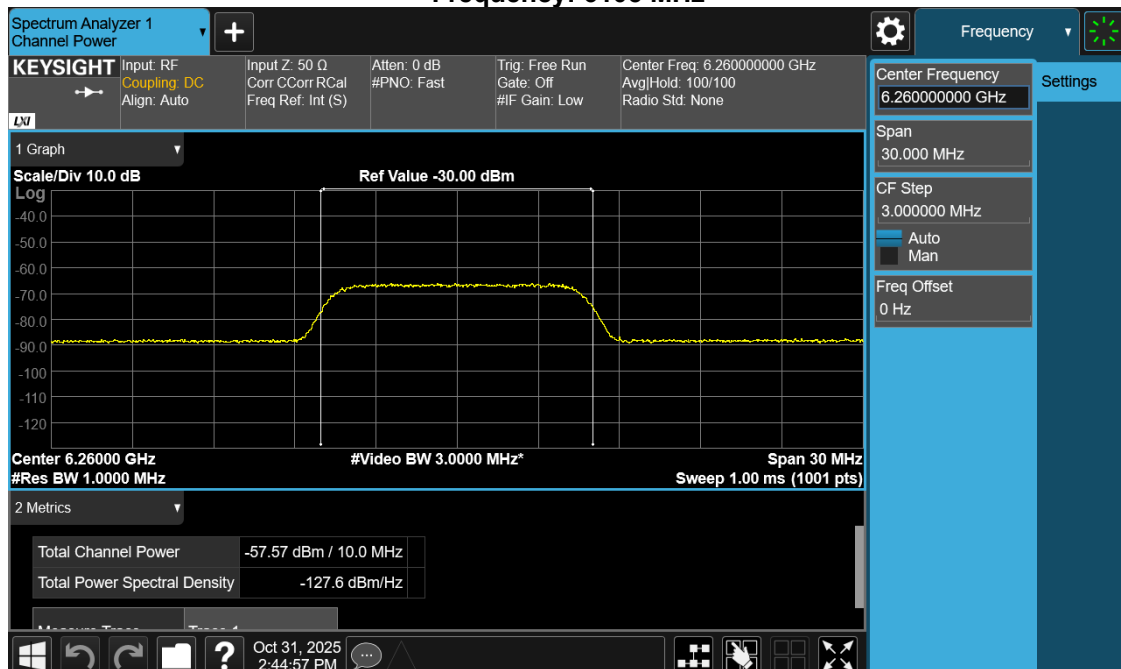
Frequency: 5950 MHz



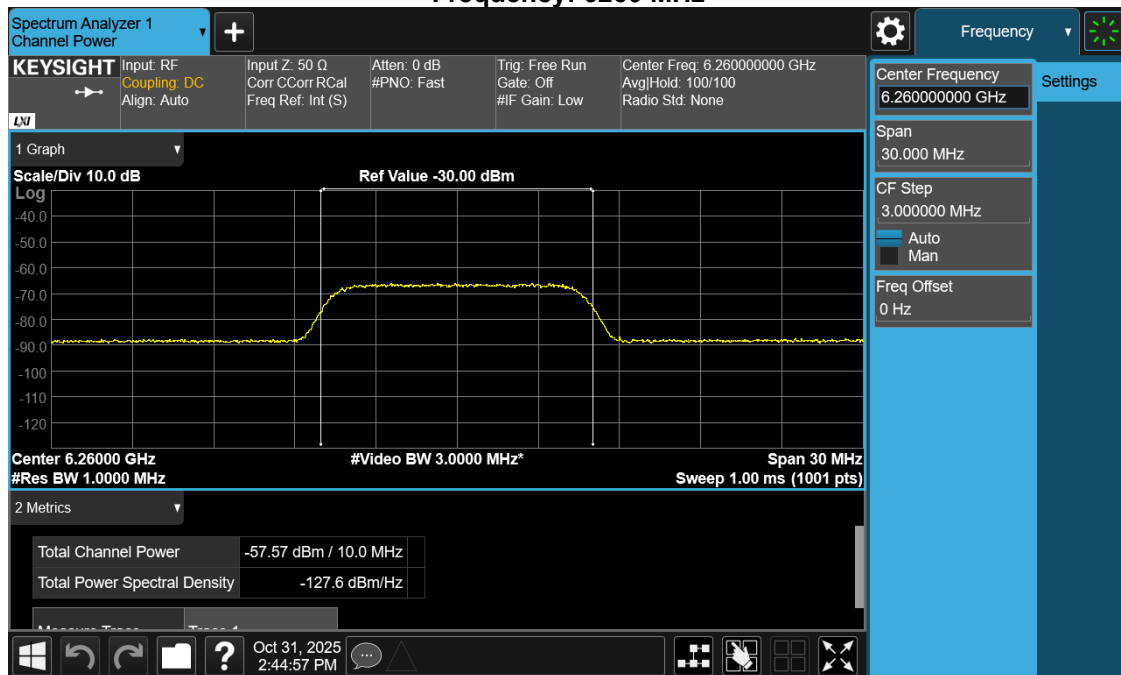
Frequency: 5955 MHz



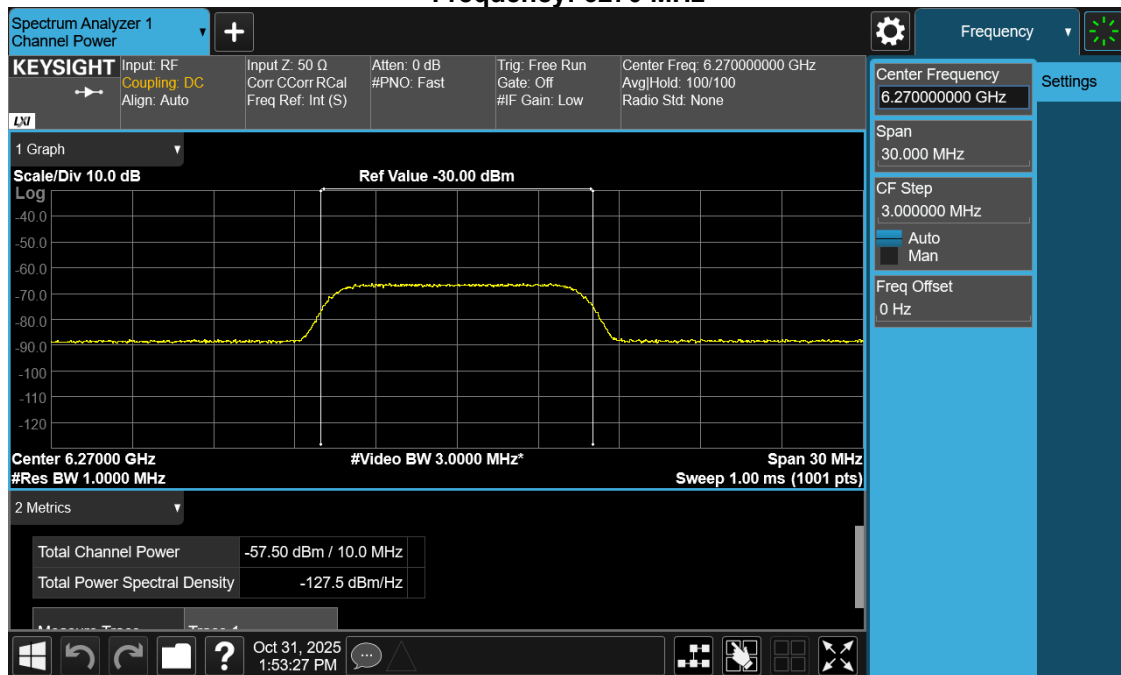
Frequency: 6105 MHz



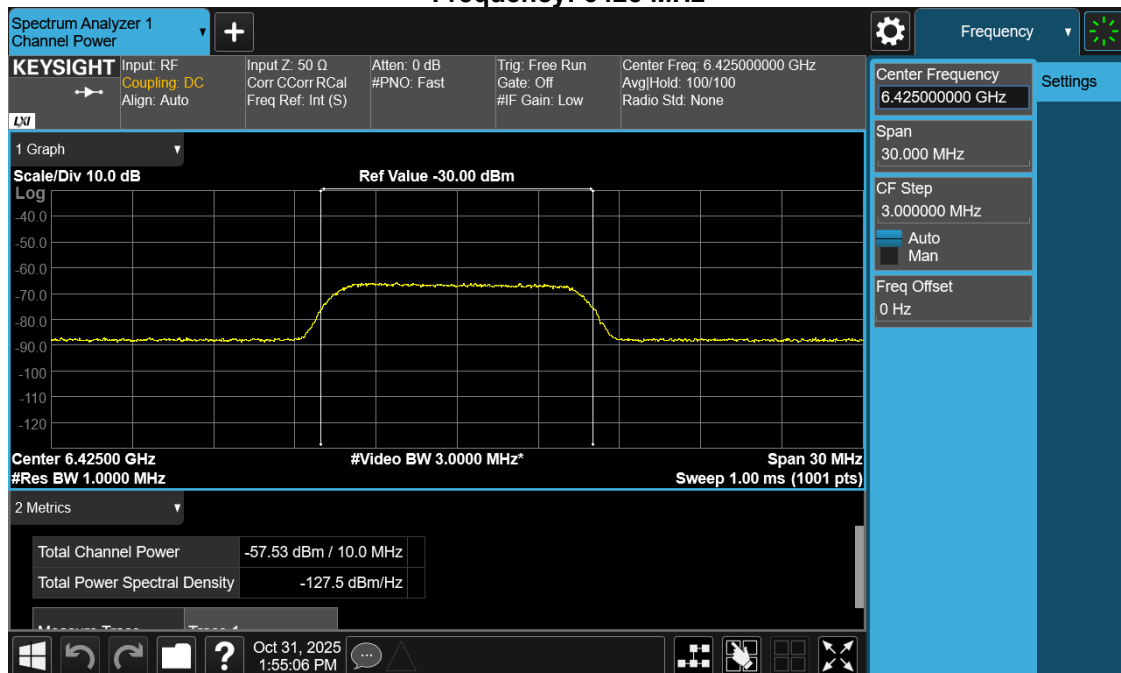
Frequency: 6260 MHz



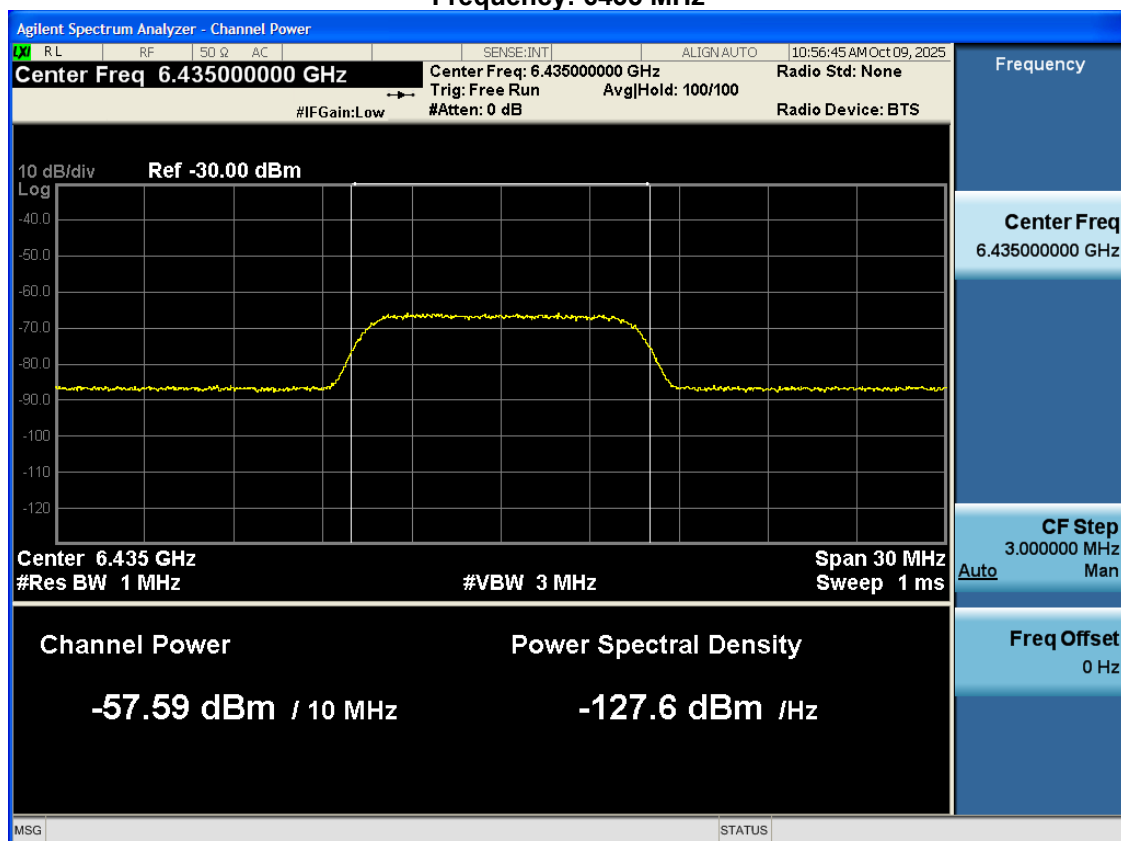
Frequency: 6270 MHz



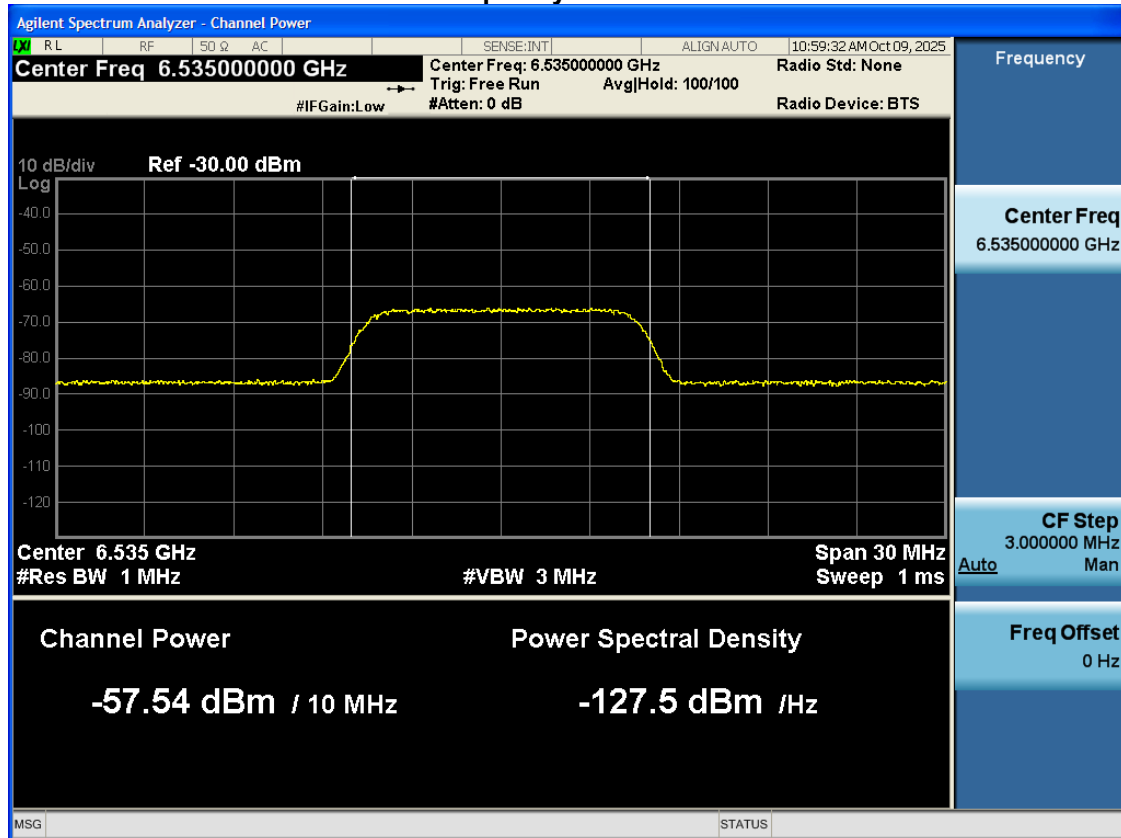
Frequency: 6425 MHz



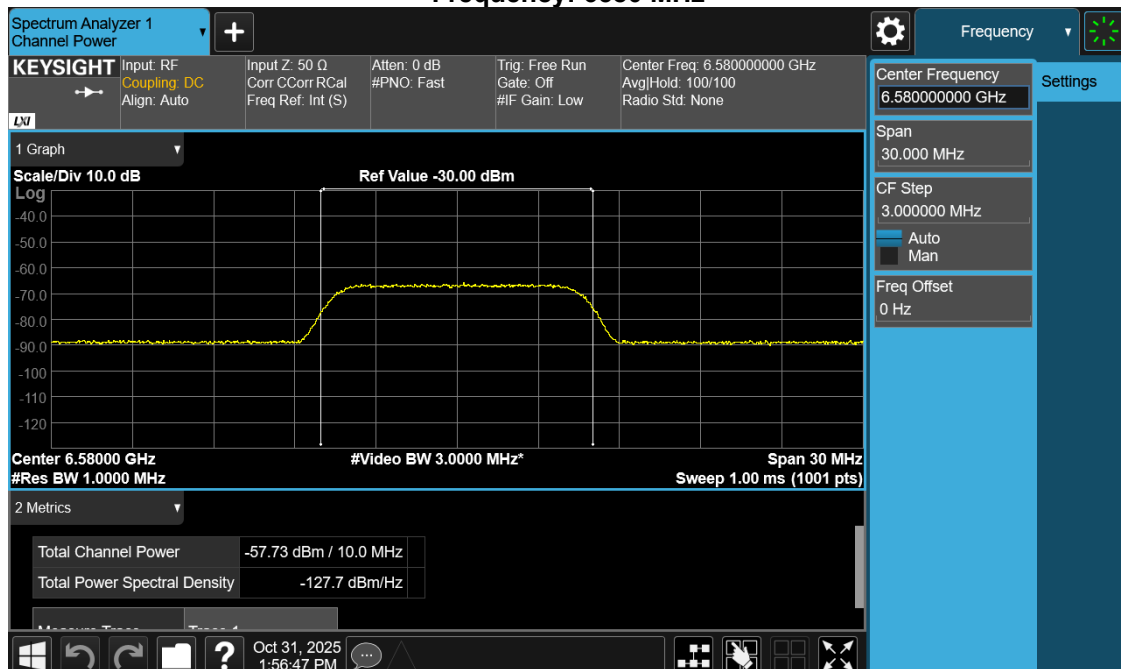
Frequency: 6435 MHz



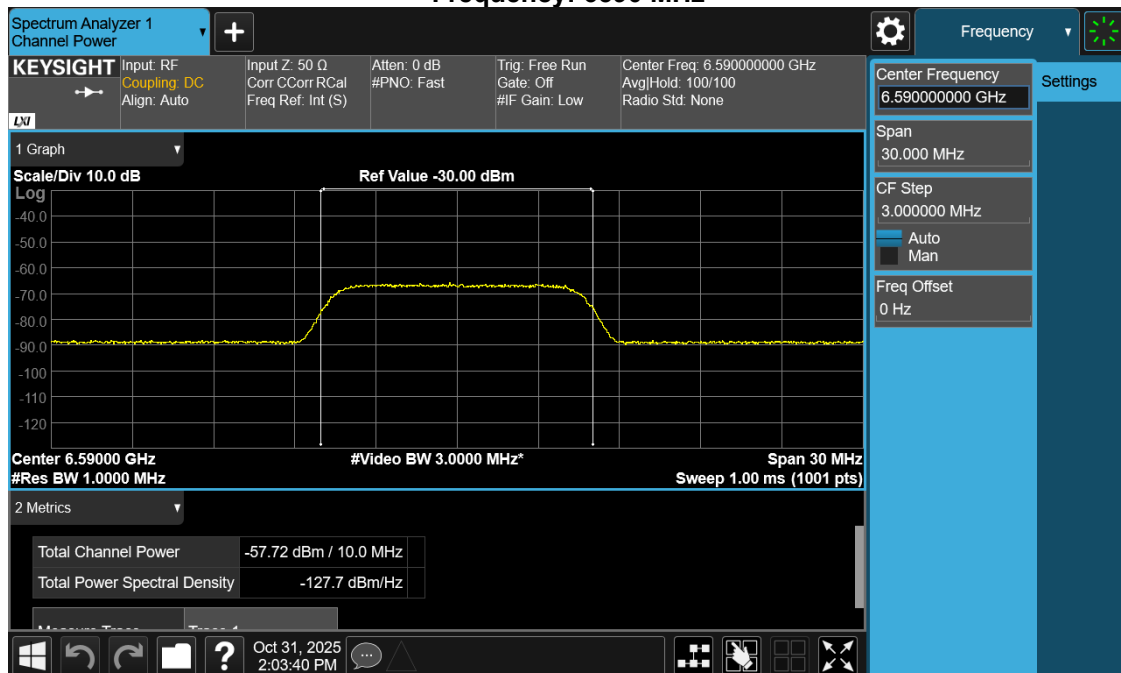
Frequency: 6535 MHz



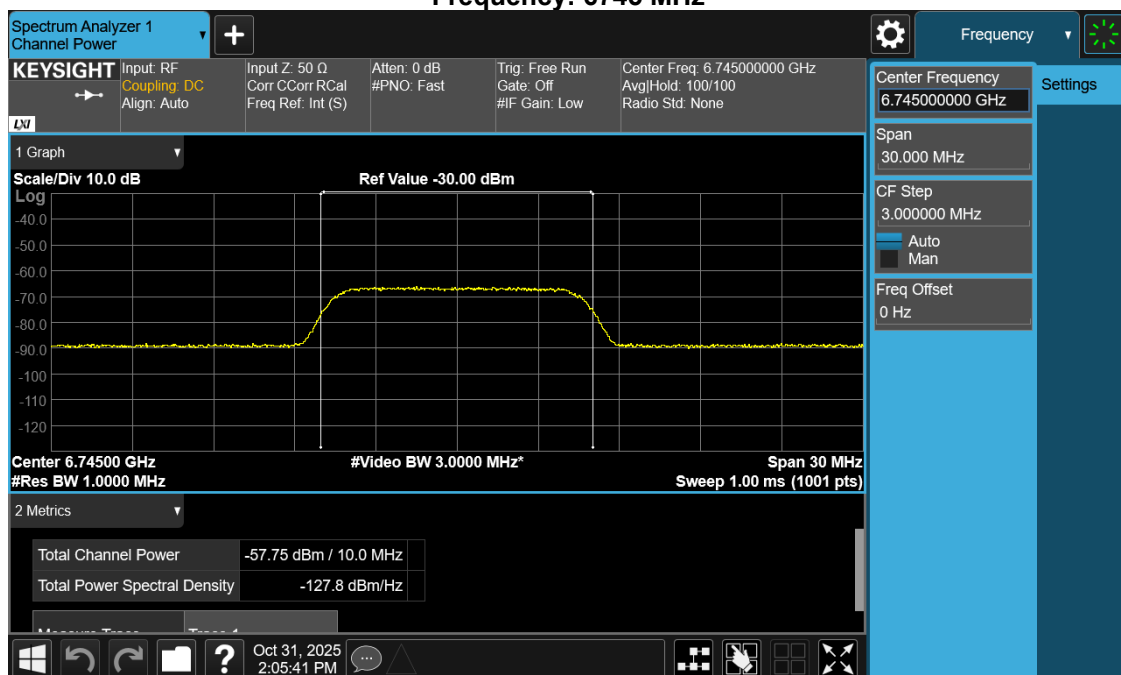
Frequency: 6580 MHz



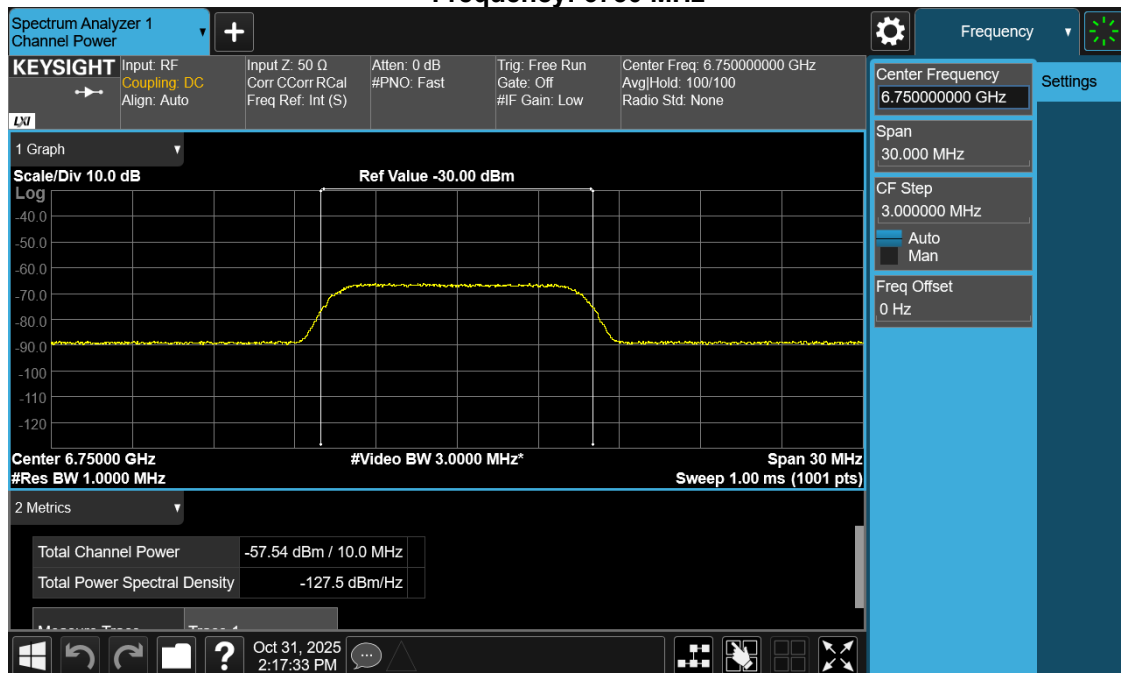
Frequency: 6590 MHz



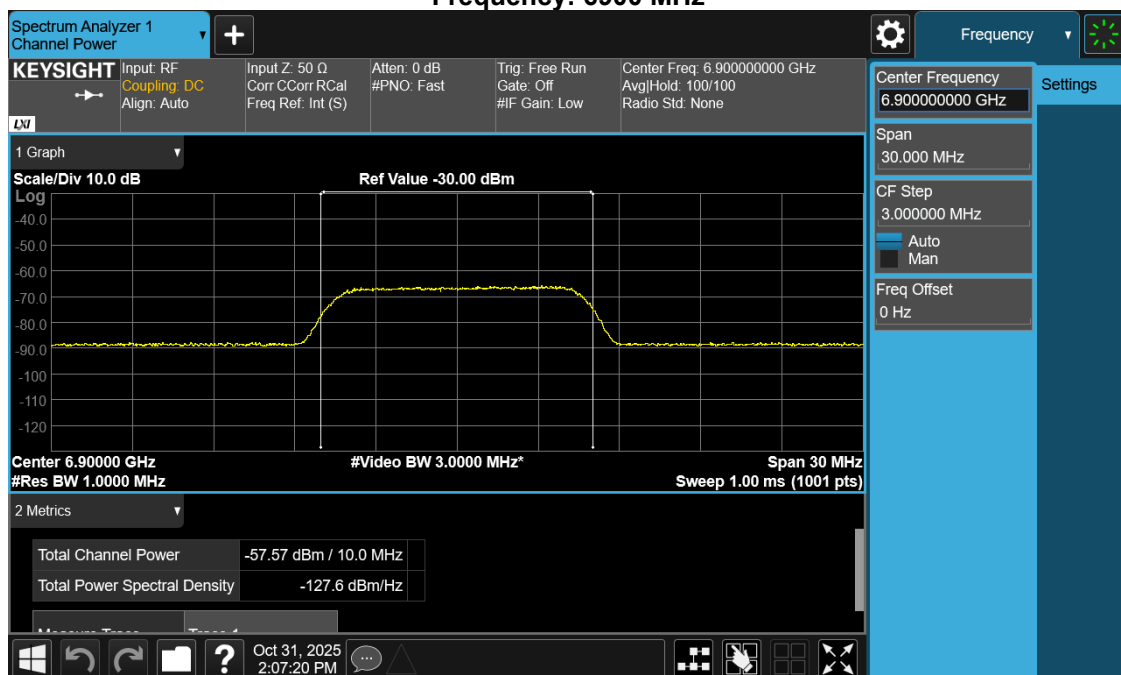
Frequency: 6745 MHz



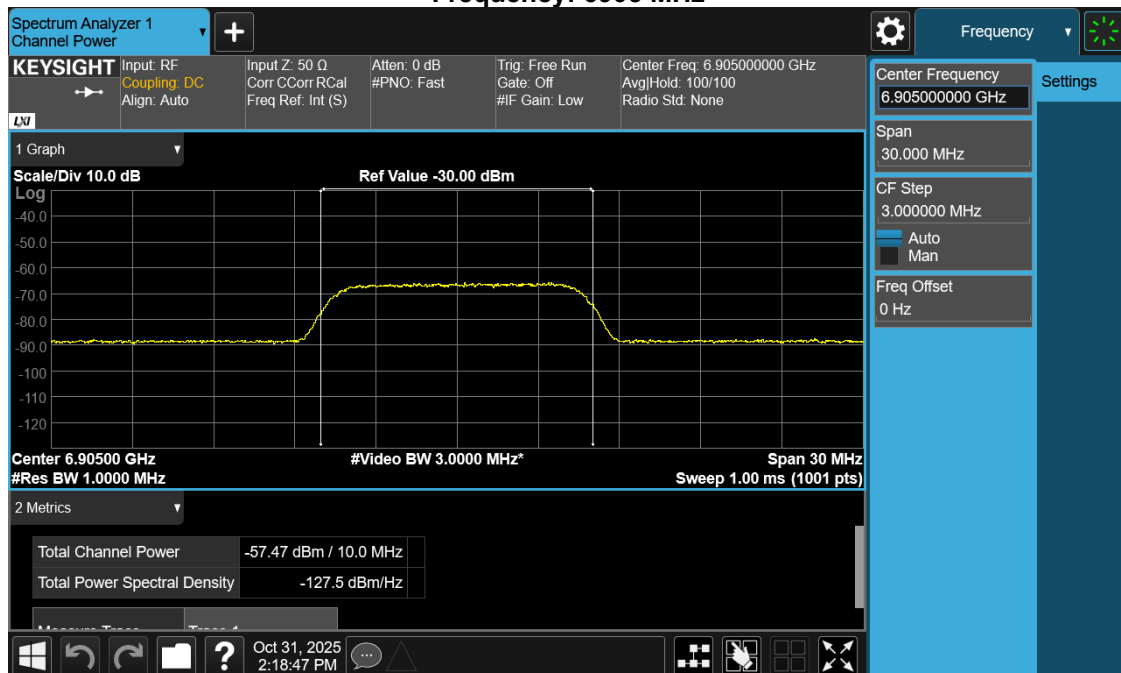
Frequency: 6750 MHz



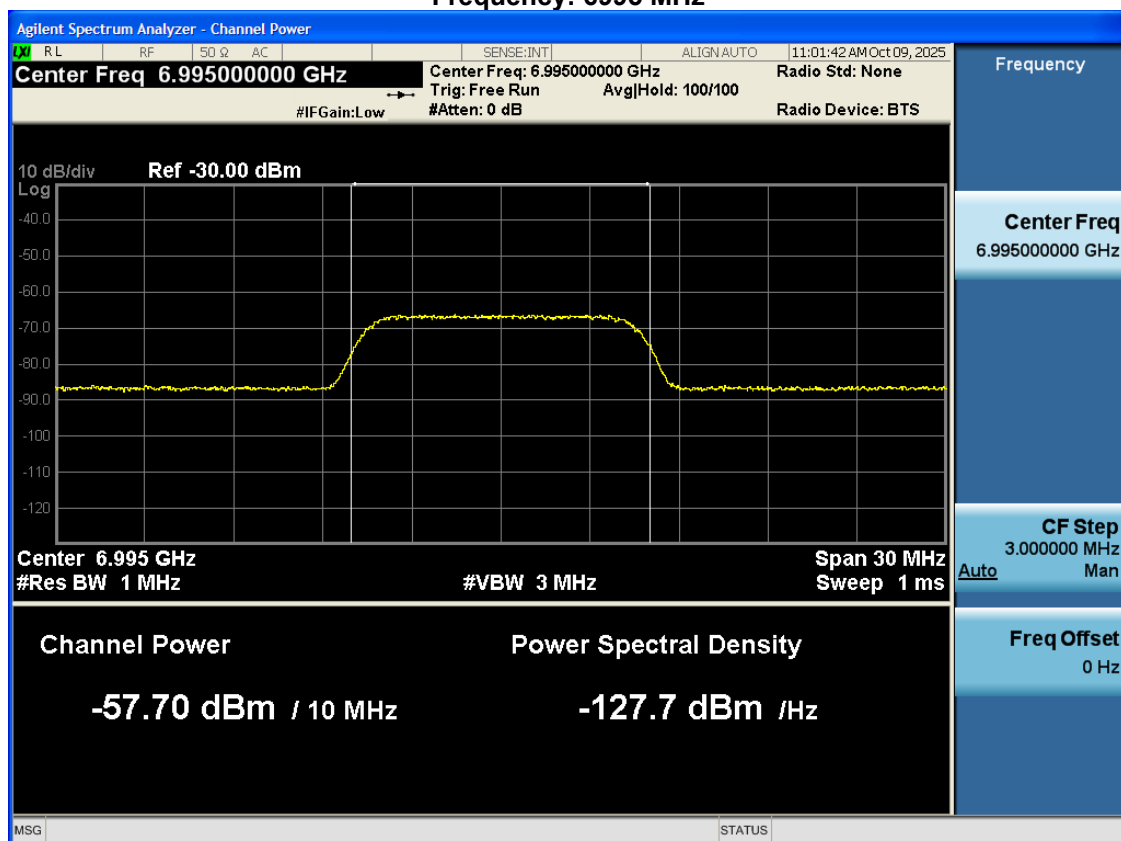
Frequency: 6900 MHz

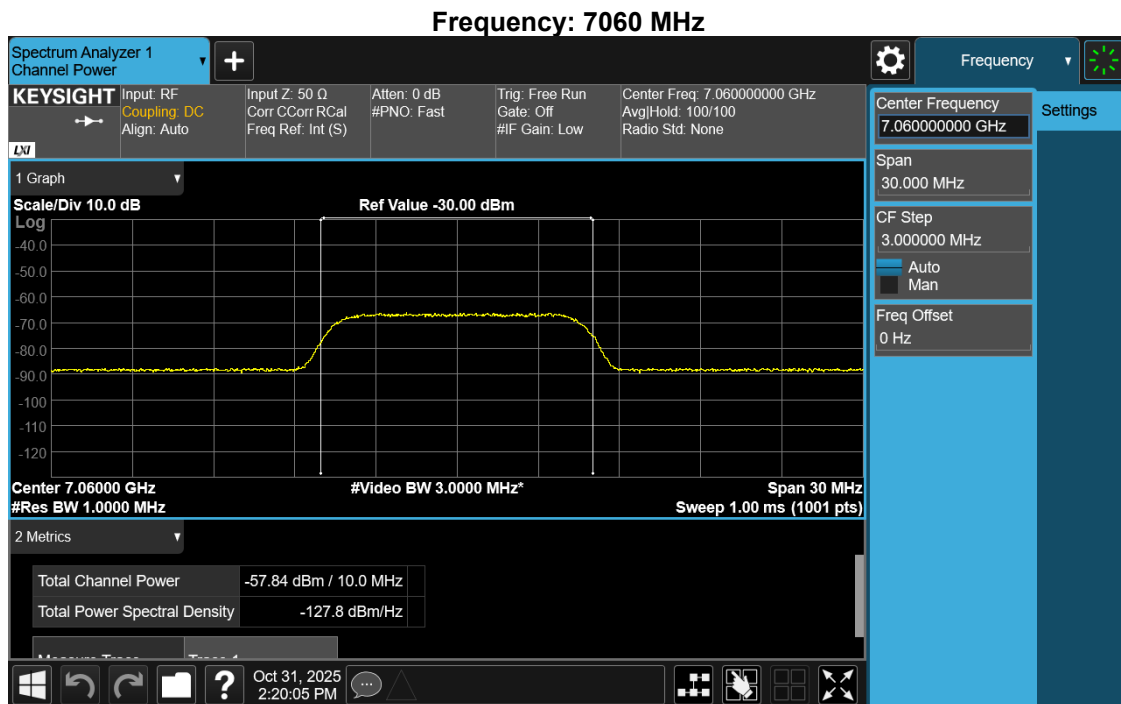


Frequency: 6905 MHz



Frequency: 6995 MHz





Detection power level and detection probability

UNII Band	5		
Channel Number	1		
Bandwidth (MHz)	20		
EUT Frequency (MHz)	5955		
AWGN Frequency (MHz)	5955		
AWGN Power (dBm)	-60.83	-65.83	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-65.36	-70.36	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	5		
Channel Number	31		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6105		
AWGN Frequency (MHz)	5950		
AWGN Power (dBm)	-69.69	-72.69	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-74.22	-77.22	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	5		
Channel Number	31		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6105		
AWGN Frequency (MHz)	6105		
AWGN Power (dBm)	-67.49	-70.49	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.02	-75.02	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	5		
Channel Number	31		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6105		
AWGN Frequency (MHz)	6260		
AWGN Power (dBm)	-65.57	-67.57	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-70.10	-72.10	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	6		
Channel Number	97		
Bandwidth (MHz)	20		
EUT Frequency (MHz)	6435		
AWGN Frequency (MHz)	6435		
AWGN Power (dBm)	-61.59	-66.59	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-66.12	-71.12	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	6		
Channel Number	95		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6425		
AWGN Frequency (MHz)	6270		
AWGN Power (dBm)	-64.50	-69.50	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-69.03	-74.03	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	6		
Channel Number	95		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6425		
AWGN Frequency (MHz)	6425		
AWGN Power (dBm)	-68.53	-74.53	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-73.06	-79.06	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	6		
Channel Number	95		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6425		
AWGN Frequency (MHz)	6580		
AWGN Power (dBm)	-63.73	-66.73	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-68.26	-71.26	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	7		
Channel Number	117		
Bandwidth (MHz)	20		
EUT Frequency (MHz)	6535		
AWGN Frequency (MHz)	6535		
AWGN Power (dBm)	-61.54	-72.54	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-66.07	-77.07	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	7		
Channel Number	159		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6745		
AWGN Frequency (MHz)	6590		
AWGN Power (dBm)	-63.72	-66.72	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-68.25	-71.25	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	7		
Channel Number	159		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6745		
AWGN Frequency (MHz)	6745		
AWGN Power (dBm)	-69.75	-72.75	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-74.28	-77.28	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	7		
Channel Number	159		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6745		
AWGN Frequency (MHz)	6900		
AWGN Power (dBm)	-63.57	-65.57	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-68.10	-70.10	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	8		
Channel Number	209		
Bandwidth (MHz)	20		
EUT Frequency (MHz)	6995		
AWGN Frequency (MHz)	6995		
AWGN Power (dBm)	-65.70	-69.70	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-70.23	-74.23	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	8		
Channel Number	191		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6905		
AWGN Frequency (MHz)	6750		
AWGN Power (dBm)	-70.54	-73.54	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-75.07	-78.07	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

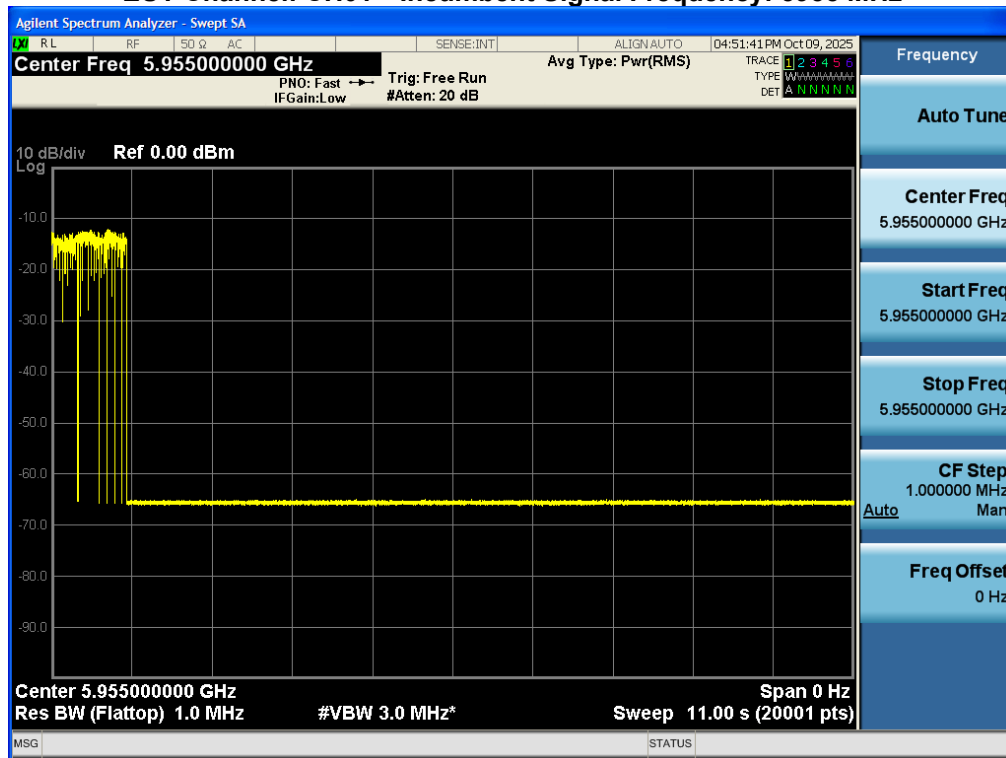
UNII Band	8		
Channel Number	191		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6905		
AWGN Frequency (MHz)	6905		
AWGN Power (dBm)	-59.47	-64.47	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-64.00	-69.00	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	8		
Channel Number	191		
Bandwidth (MHz)	320		
EUT Frequency (MHz)	6905		
AWGN Frequency (MHz)	7060		
AWGN Power (dBm)	-66.84	-69.84	-80.00
Antenna Gain (dBi)	4.53		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-71.37	-74.37	-84.53
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

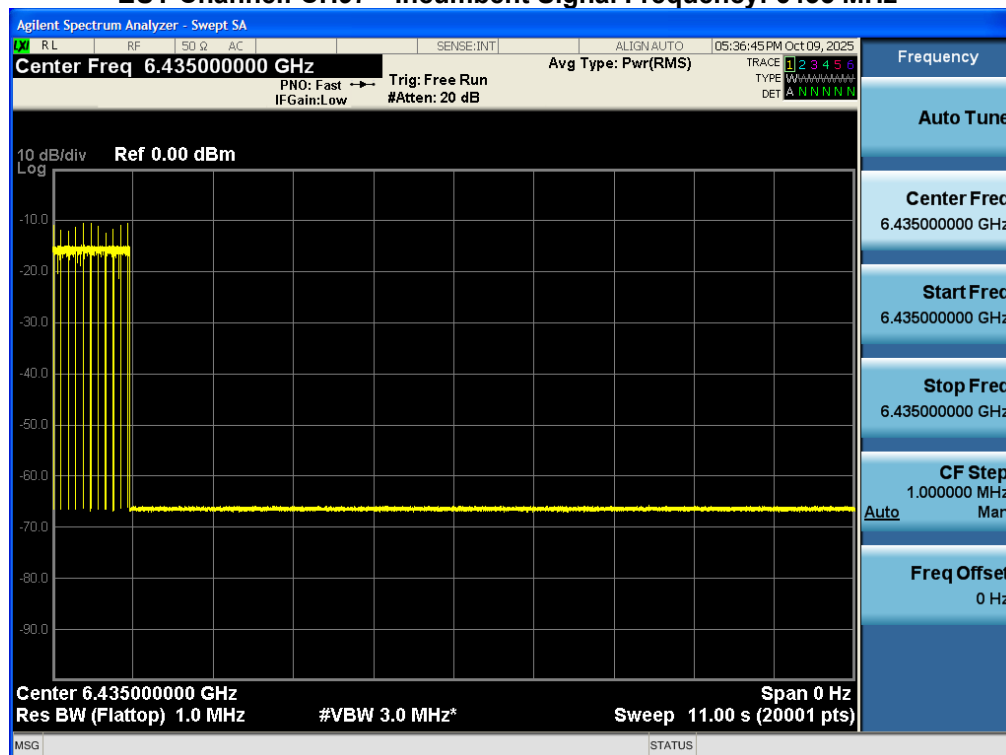
Bands	Test Mode	Bandwidth (MHz)	Channel	Frequency (MHz)	Interference Frequency (MHz)	Number of Times	Number of Detected	Detection Probability	Detection Probability Limit	Test Result
UNII-5	802.11ax	20	1	5955	5955	10	10	100%	90%	Pass
					5950	10	10	100%	90%	Pass
	802.11be	320	31	6105	6105	10	10	100%	90%	Pass
					6260	10	10	100%	90%	Pass
UNII-6	802.11ax	20	97	6435	6435	10	10	100%	90%	Pass
					6270	10	10	100%	90%	Pass
	802.11be	320	95	6425	6425	10	10	100%	90%	Pass
					6580	10	9	90%	90%	Pass
UNII-7	802.11ax	20	117	6535	6535	10	9	90%	90%	Pass
					6590	10	10	100%	90%	Pass
	802.11be	320	159	6745	6745	10	10	100%	90%	Pass
					6900	10	10	100%	90%	Pass
UNII-8	802.11ax	20	209	6995	6995	10	10	100%	90%	Pass
					6750	10	10	100%	90%	Pass
	802.11be	320	191	6905	6905	10	10	100%	90%	Pass
					7060	10	10	100%	90%	Pass

Note: The device did not use either channel puncturing or bandwidth reduction for the purpose of incumbent avoidance.

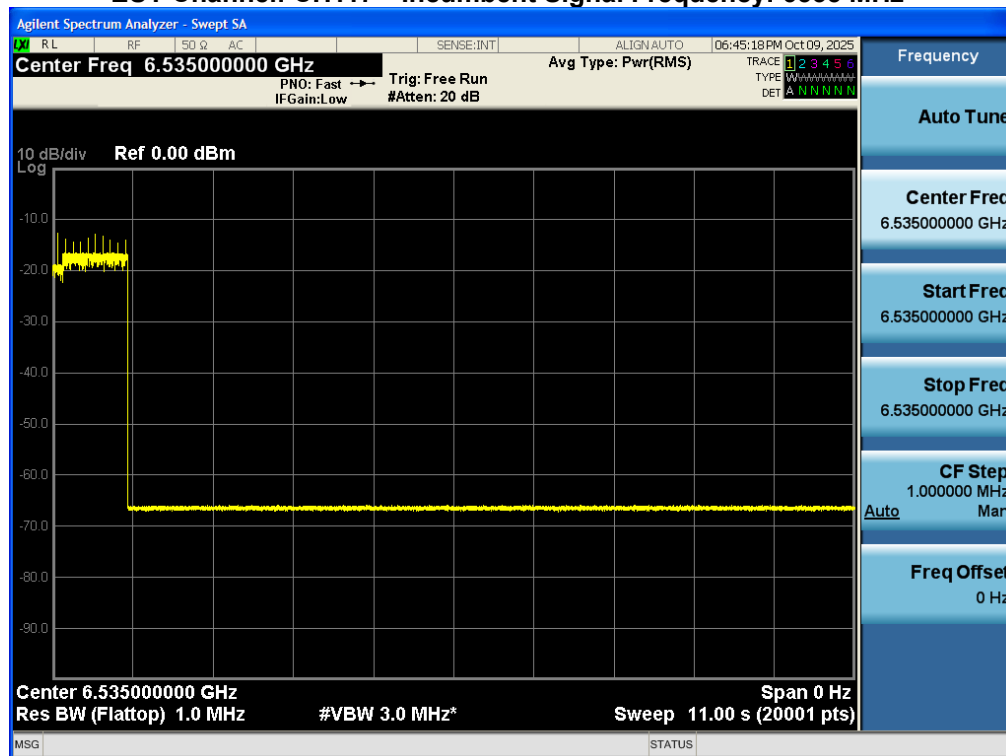
Contention-Based Protocol EUT Channel: CH01 Incumbent Signal Frequency: 5955 MHz



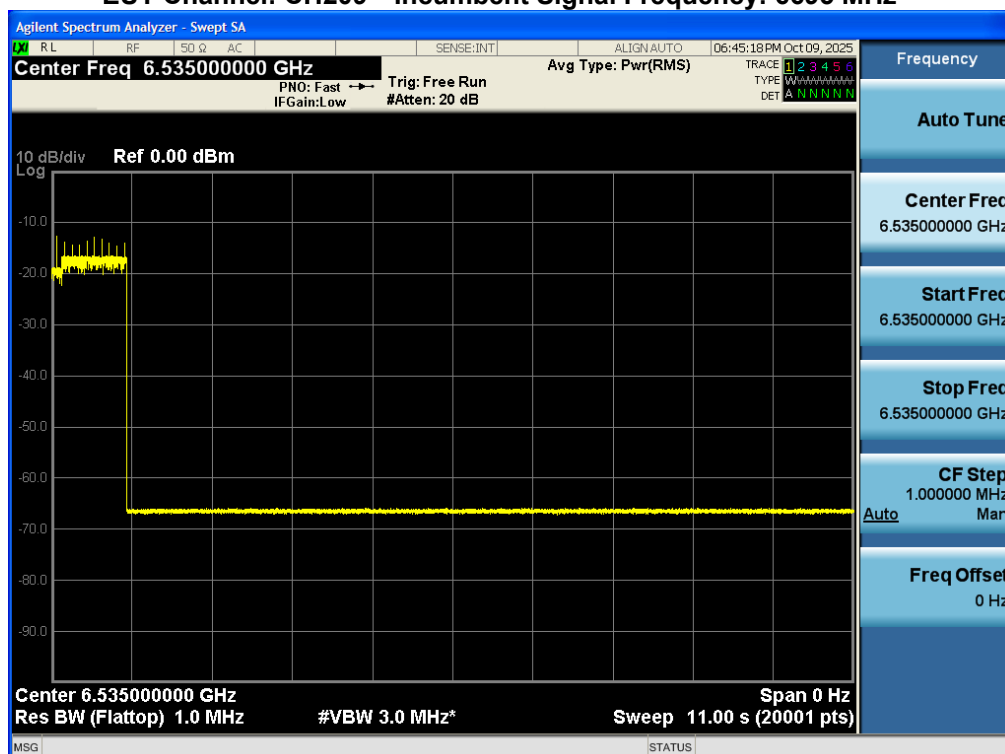
EUT Channel: CH97 Incumbent Signal Frequency: 6435 MHz



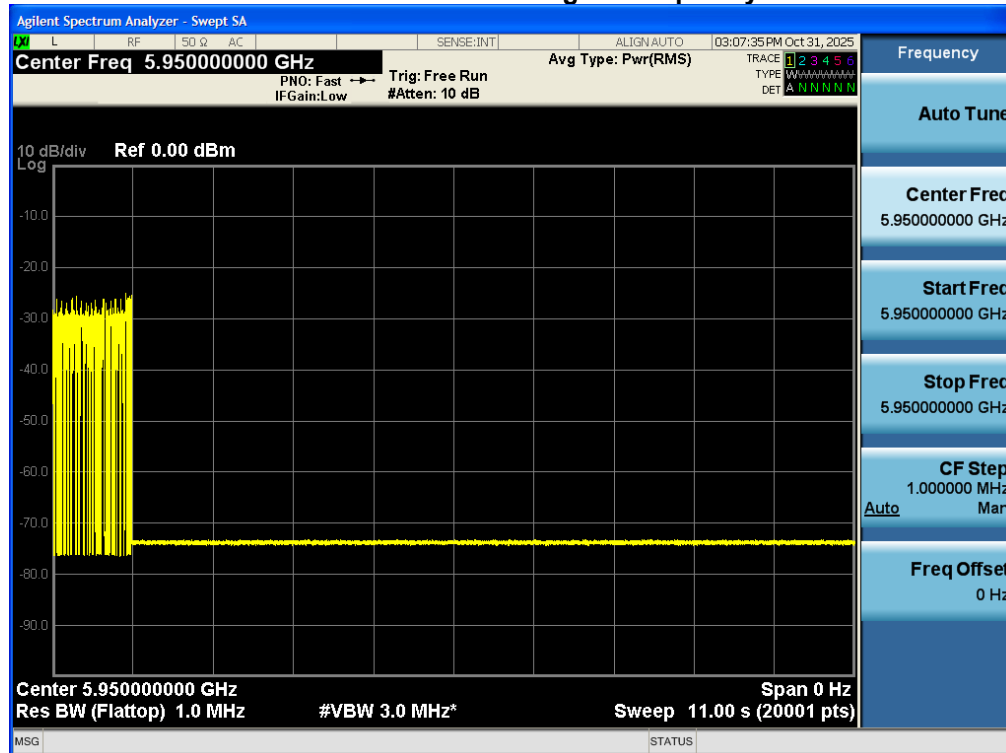
EUT Channel: CH117 Incumbent Signal Frequency: 6535 MHz



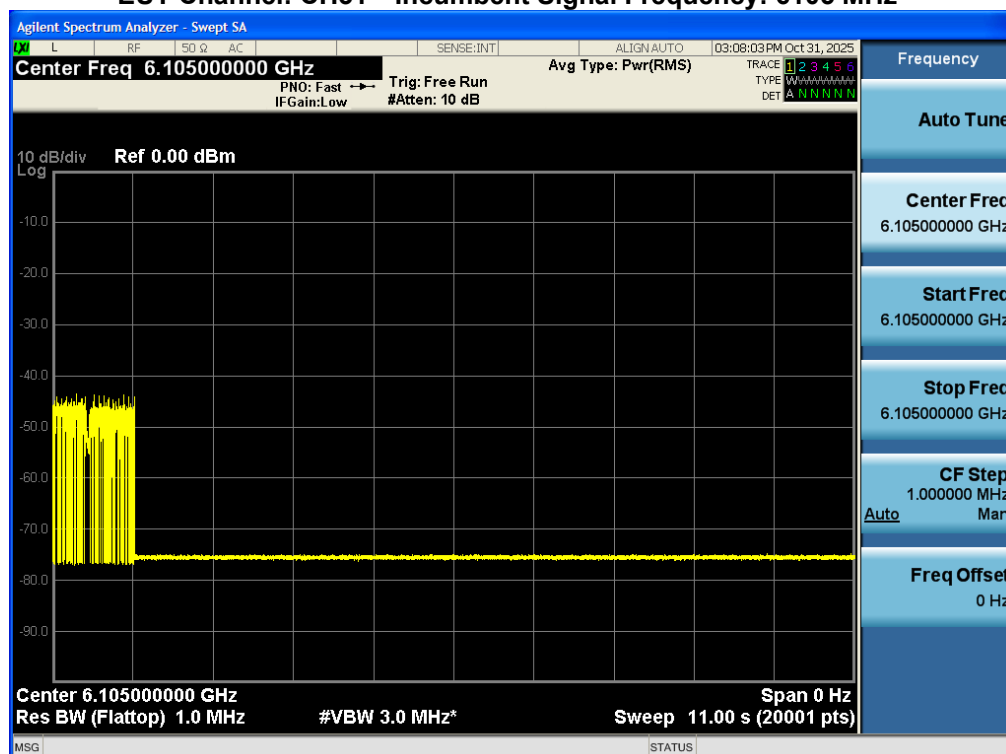
EUT Channel: CH209 Incumbent Signal Frequency: 6695 MHz



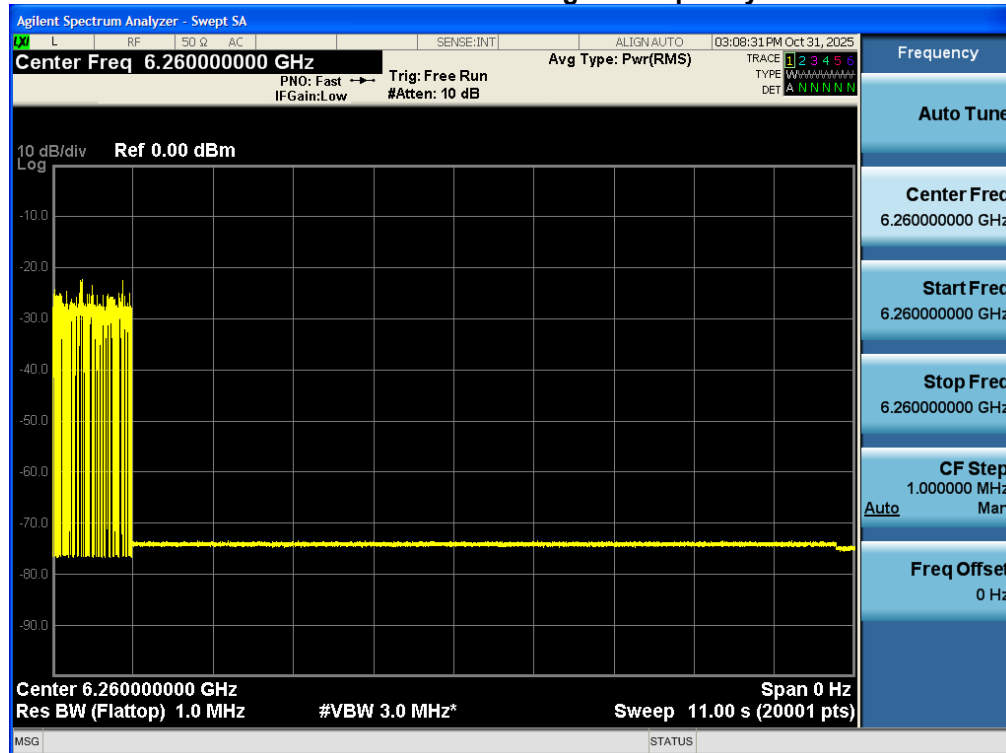
EUT Channel: CH31 Incumbent Signal Frequency: 5950 MHz



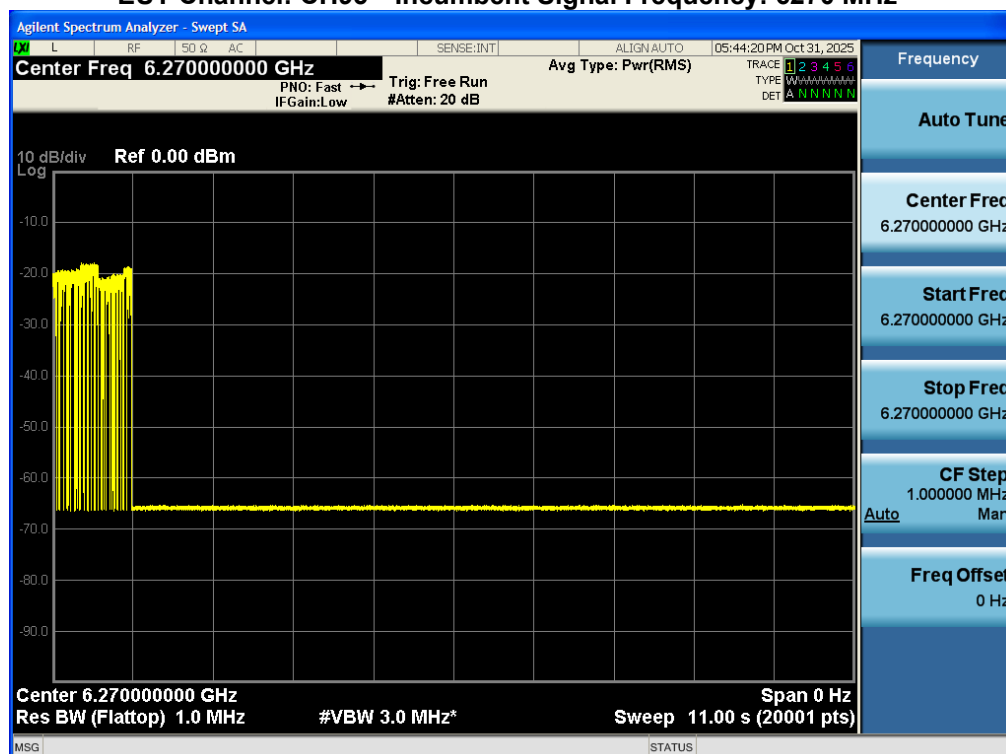
EUT Channel: CH31 Incumbent Signal Frequency: 6105 MHz



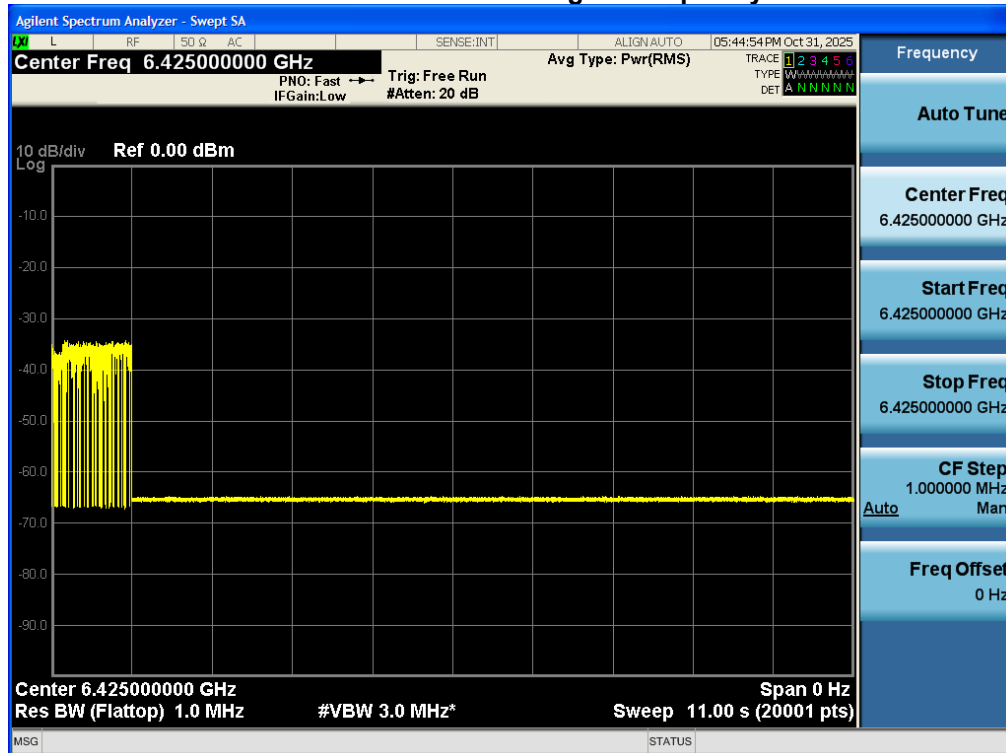
EUT Channel: CH31 Incumbent Signal Frequency: 6260 MHz



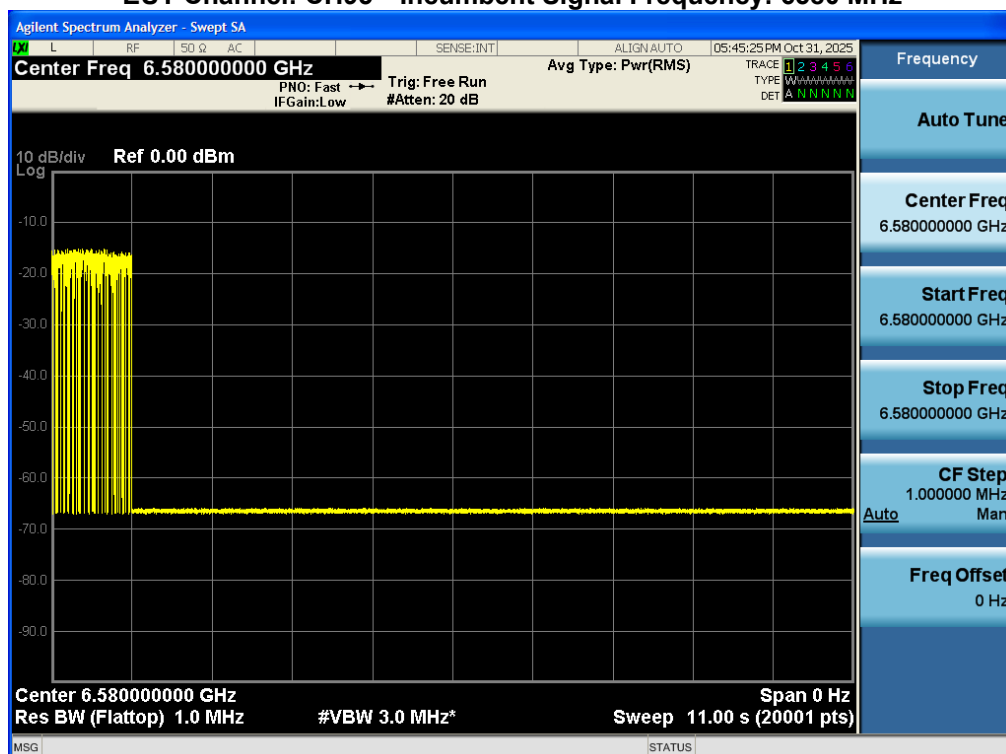
EUT Channel: CH95 Incumbent Signal Frequency: 6270 MHz



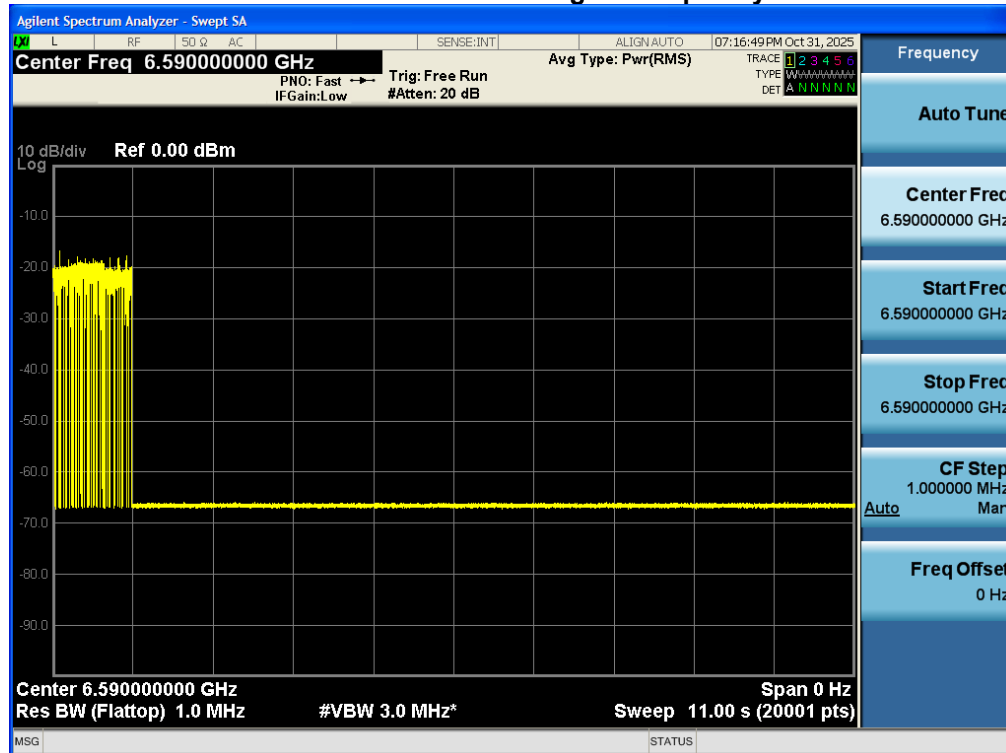
EUT Channel: CH95 Incumbent Signal Frequency: 6425 MHz



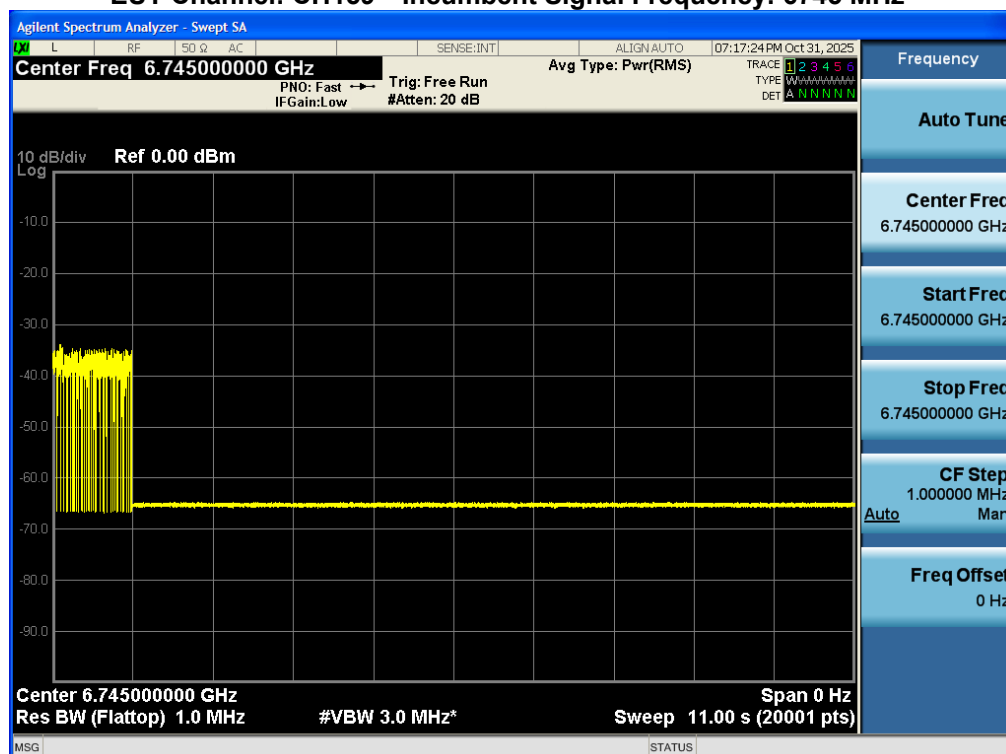
EUT Channel: CH95 Incumbent Signal Frequency: 6580 MHz



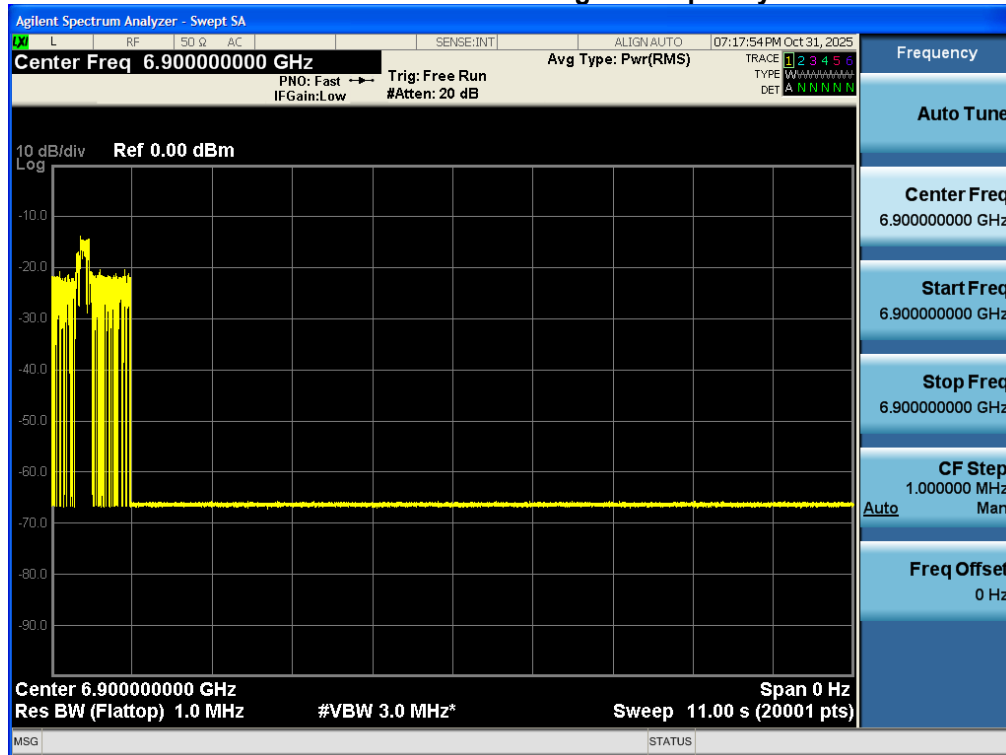
EUT Channel: CH159 Incumbent Signal Frequency: 6590 MHz



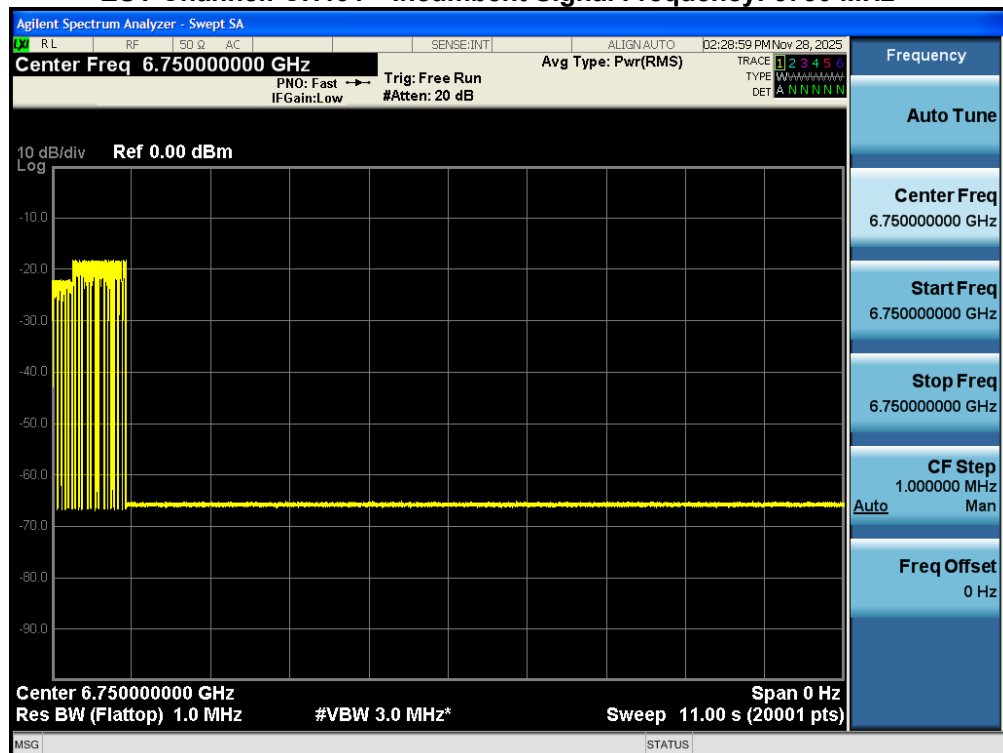
EUT Channel: CH159 Incumbent Signal Frequency: 6745 MHz



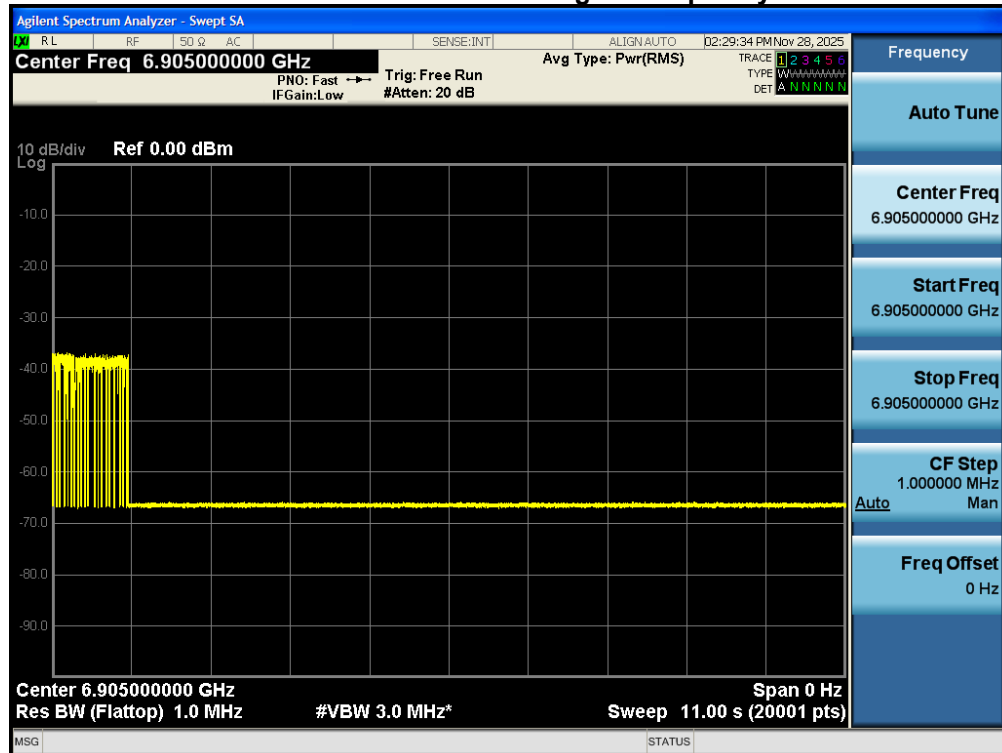
EUT Channel: CH159 Incumbent Signal Frequency: 6900 MHz



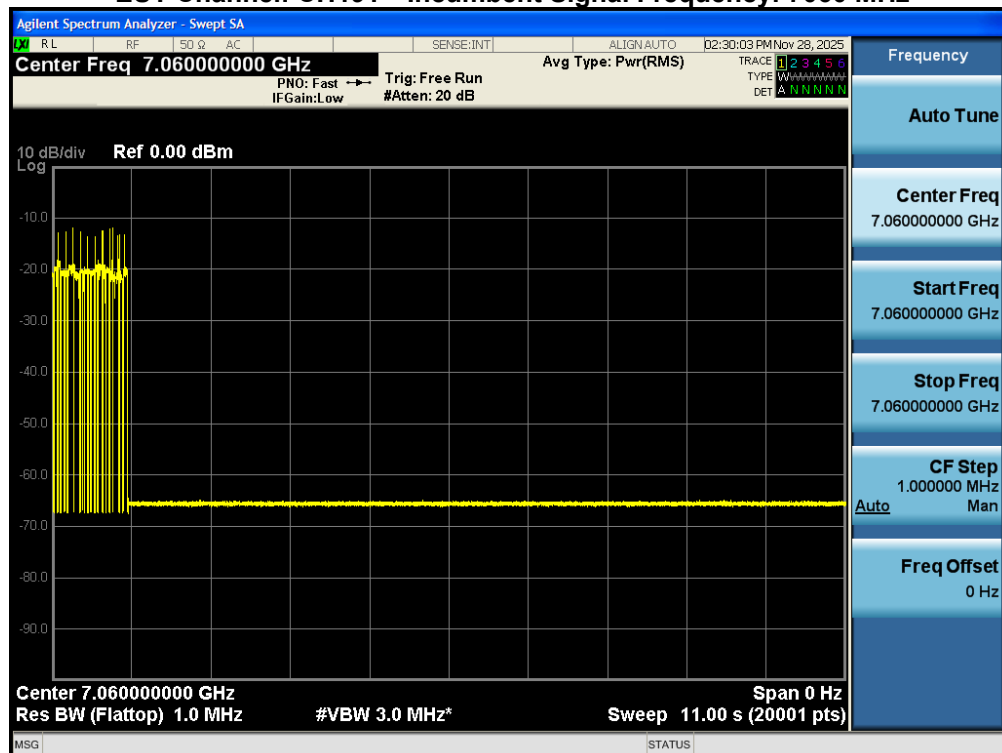
EUT Channel: CH191 Incumbent Signal Frequency: 6750 MHz



EUT Channel: CH191 Incumbent Signal Frequency: 6905 MHz



EUT Channel: CH191 Incumbent Signal Frequency: 7060 MHz



APPENDIX J - FREQUENCY STABILITY

Test Mode	UNII-5
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Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5955.0000
108.0	5954.9904
120.0	5954.9904
132.0	5954.9904
Maximum Deviation (MHz)	-0.0096
Maximum Deviation (ppm)	-1.61

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5955.0000
0	5955.0608
10	5955.0416
20	5955.0370
30	5955.0268
40	5955.0200
Maximum Deviation (MHz)	0.0608
Maximum Deviation (ppm)	10.21

Test Mode	UNII-6
-----------	--------

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	6435.0000
108.0	6434.9892
120.0	6434.9894
132.0	6434.9890
Maximum Deviation (MHz)	-0.0110
Maximum Deviation (ppm)	-1.71

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	6435.0000
0	6435.0670
10	6435.0430
20	6435.0380
30	6435.0292
40	6435.0176
Maximum Deviation (MHz)	0.0670
Maximum Deviation (ppm)	10.41

Test Mode	UNII-7
-----------	--------

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	6535.0000
108.0	6535.0166
120.0	6535.0126
132.0	6535.0206
Maximum Deviation (MHz)	0.0206
Maximum Deviation (ppm)	3.15

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	6535.0000
0	6535.0684
10	6535.0426
20	6535.0398
30	6535.0336
40	6535.0154
Maximum Deviation (MHz)	0.0684
Maximum Deviation (ppm)	10.47

Test Mode	UNII-8
-----------	--------

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	6895.0000
108.0	6895.0030
120.0	6895.0148
132.0	6895.0066
Maximum Deviation (MHz)	0.0148
Maximum Deviation (ppm)	2.15

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	6895.0000
0	6895.0708
10	6895.0422
20	6895.0442
30	6895.0394
40	6895.0138
Maximum Deviation (MHz)	0.0708
Maximum Deviation (ppm)	10.27

End of Test Report