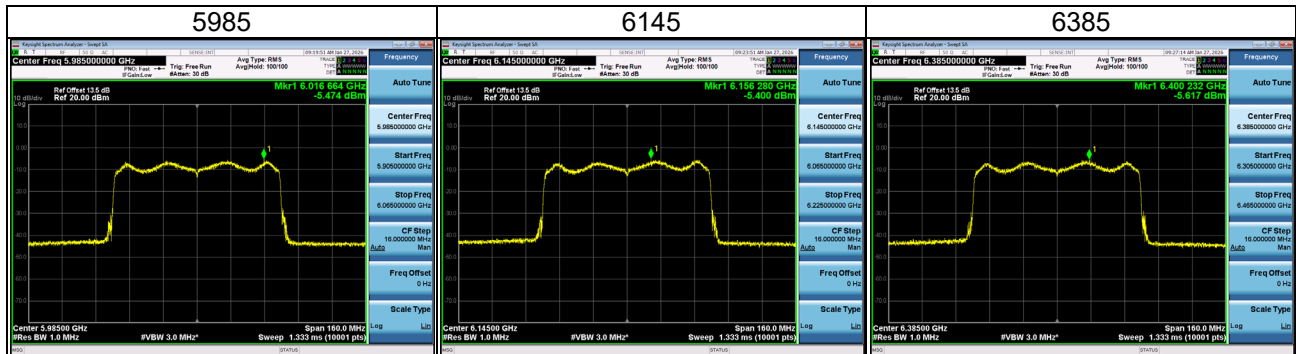


Test Mode	IEEE 802.11ax(HE80)_Ant.1
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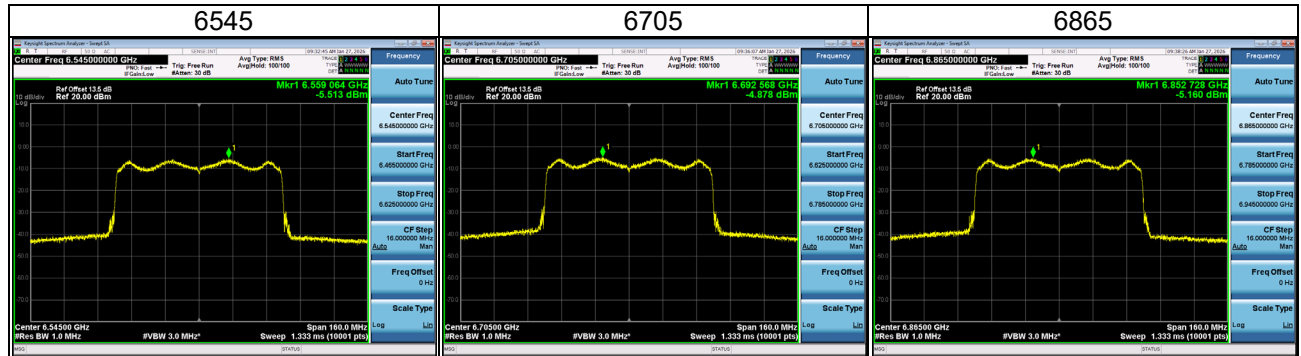
Test Frequency (MHz)	Conducted Power Spectral Density (dBm/MHz)	Duty Factor (dB)	e.i.r.p. Spectral Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5985	-5.47	0.51	-1.76	-1.00	Pass
6145	-5.40	0.51	-1.69	-1.00	Pass
6385	-5.62	0.51	-1.91	-1.00	Pass



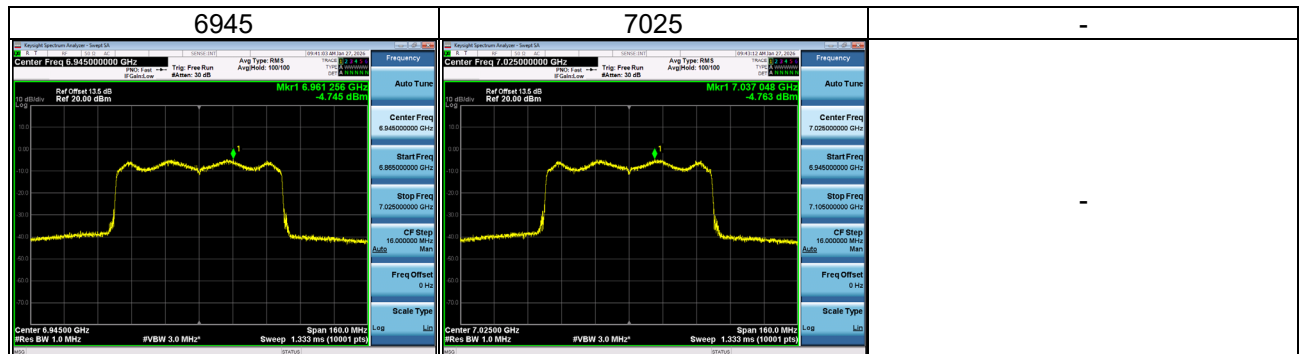
Test Frequency (MHz)	Conducted Power Spectral Density (dBm/MHz)	Duty Factor (dB)	e.i.r.p. Spectral Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
6465	-5.53	0.51	-1.82	-1.00	Pass



Test Frequency (MHz)	Conducted Power Spectral Density (dBm/MHz)	Duty Factor (dB)	e.i.r.p. Spectral Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
6545	-5.51	0.51	-1.80	-1.00	Pass
6705	-4.88	0.51	-1.17	-1.00	Pass
6865	-5.16	0.51	-1.45	-1.00	Pass



Test Frequency (MHz)	Conducted Power Spectral Density (dBm/MHz)	Duty Factor (dB)	e.i.r.p. Spectral Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
6945	-4.75	0.51	-1.04	-1.00	Pass
7025	-4.76	0.51	-1.05	-1.00	Pass



APPENDIX H - IN-BAND EMISSION (MASK)

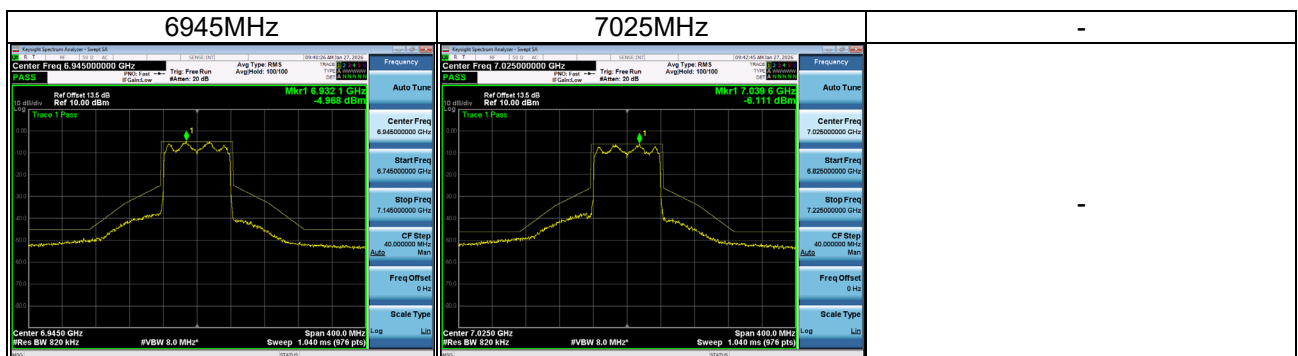
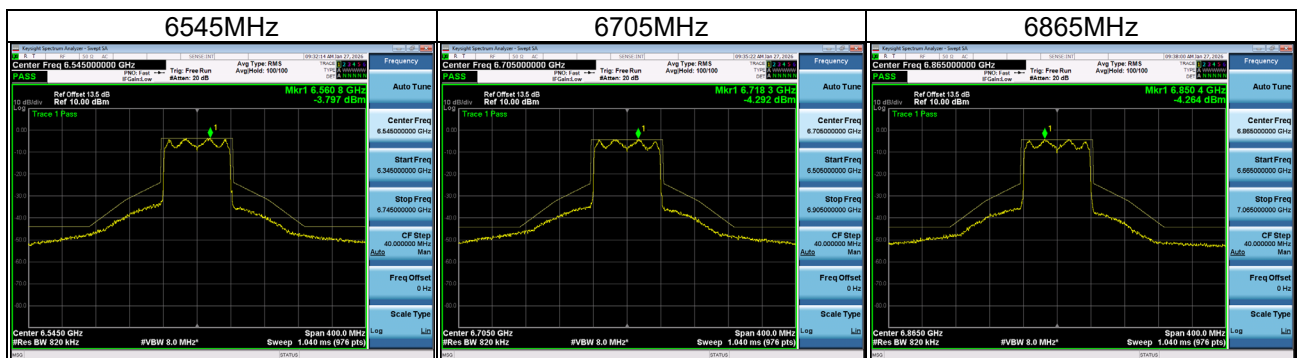
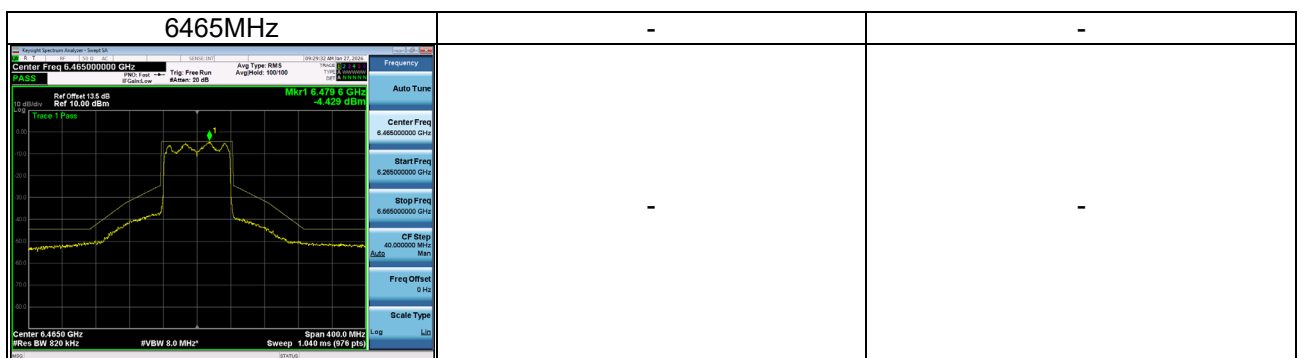
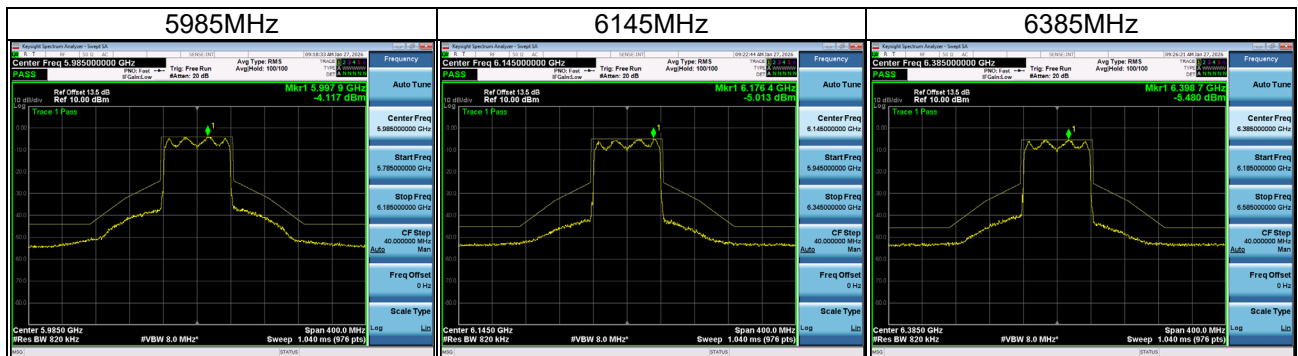
Test Mode IEEE 802.11ax(HE20)_Ant_1



Test Mode IEEE 802.11ax(HE40)_Ant_1

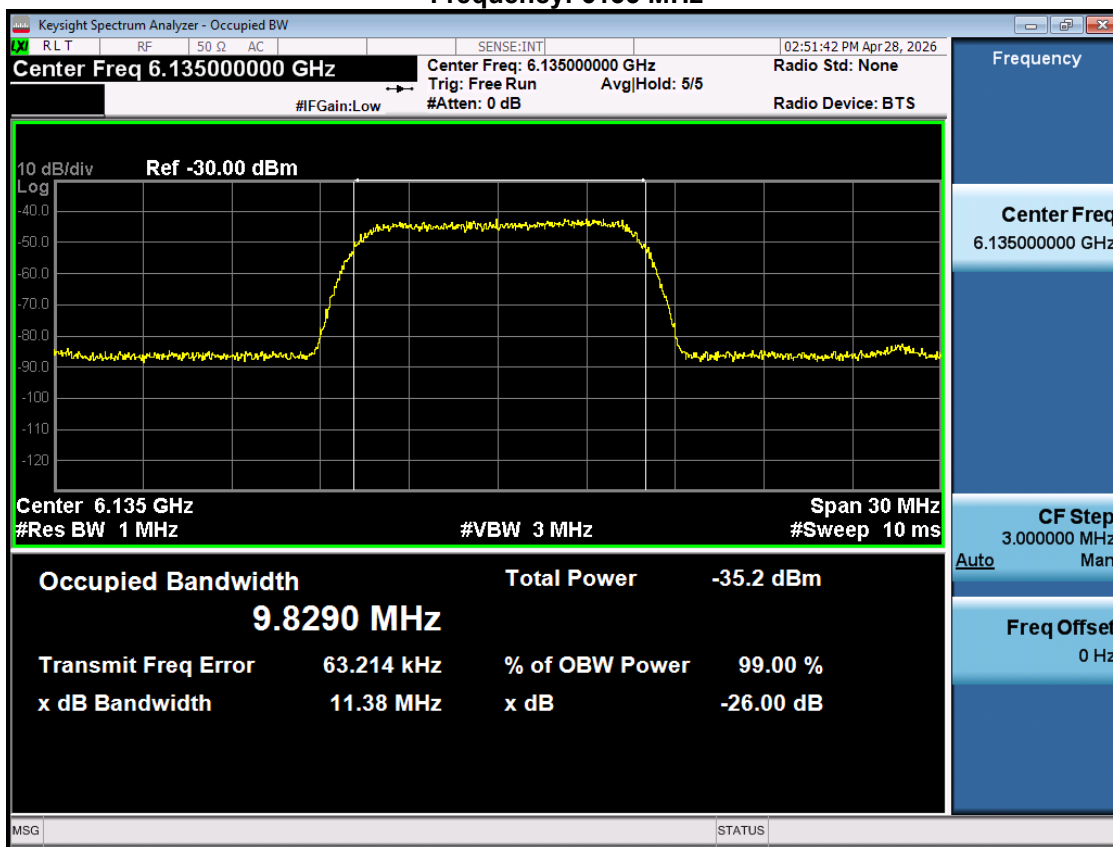


Test Mode IEEE 802.11ax(HE80)_Ant_1

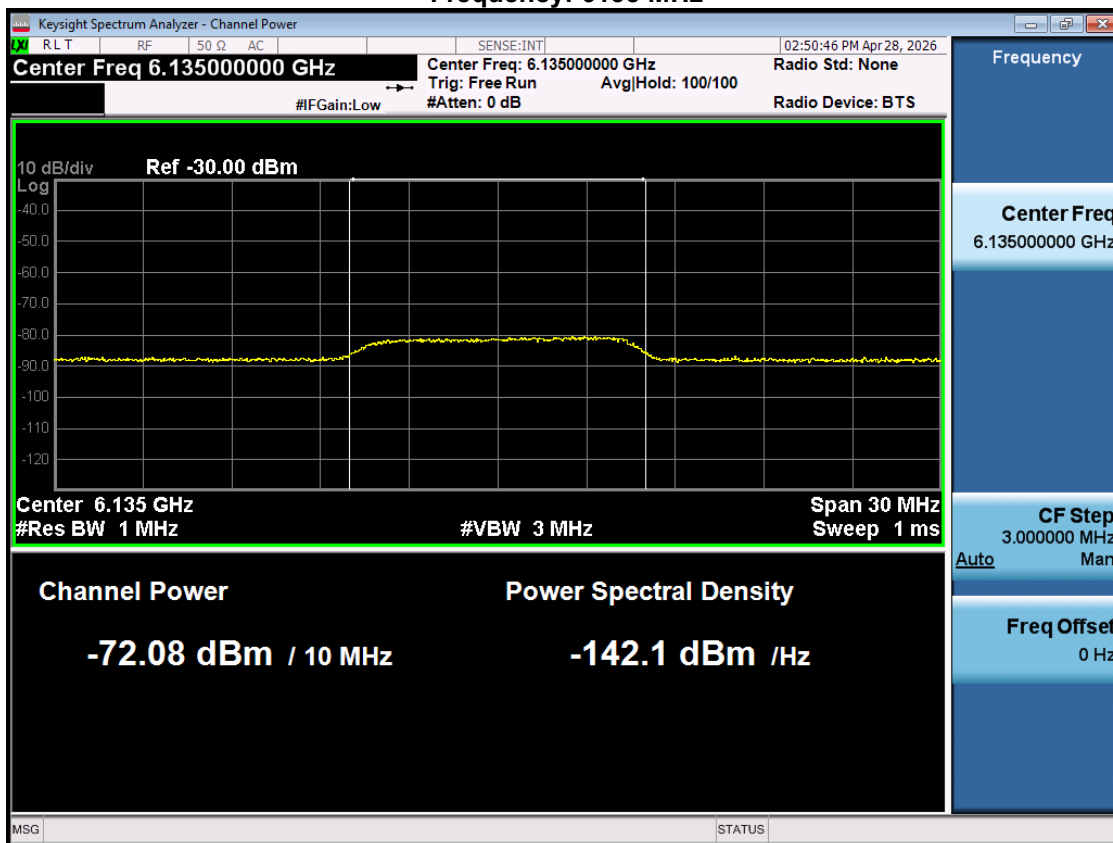


APPENDIX I - CONTENTION BASED PROTOCOL

Incumbent Signal (AWGN) Frequency: 6135 MHz



Frequency: 6135 MHz



Detection probability

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	37	6135	6135	10	10	100%	90%	Pass
	802.11ax	80	55	6225	6190	10	10	100%	90%	Pass
					6225	10	10	100%	90%	Pass
					6280	10	10	100%	90%	Pass
UNII-6	802.11ax	20	101	6455	6455	10	10	100%	90%	Pass
	802.11ax	80	103	6485	6430	10	10	100%	90%	Pass
					6485	10	10	100%	90%	Pass
					6500	10	10	100%	90%	Pass
UNII-7	802.11ax	20	149	6695	6695	10	10	100%	90%	Pass
	802.11ax	80	151	6705	6670	10	10	100%	90%	Pass
					6705	10	10	100%	90%	Pass
					6740	10	10	100%	90%	Pass
UNII-8	802.11ax	20	213	7015	7015	10	10	100%	90%	Pass
	802.11ax	80	215	7025	6990	10	10	100%	90%	Pass
					7025	10	10	100%	90%	Pass
					7080	10	10	100%	90%	Pass

Detection power level

UNII Band	5		
Channel Number	37		
Bandwidth (MHz)	20		
EUT Frequency (MHz)	6135		
AWGN Frequency (MHz)	6135		
AWGN Power (dBm)	-71.68	-76.68	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.08	-77.08	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON
UNII Band	5		
Channel Number	55		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6225		
AWGN Frequency (MHz)	6190		
AWGN Power (dBm)	-71.75	-76.75	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.15	-77.15	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	5		
Channel Number	55		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6225		
AWGN Frequency (MHz)	6225		
AWGN Power (dBm)	-71.63	-76.63	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.03	-77.03	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	5		
Channel Number	55		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6225		
AWGN Frequency (MHz)	6260		
AWGN Power (dBm)	-61.83	-66.83	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-62.23	-67.23	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	6		
Channel Number	101		
Bandwidth (MHz)	20		
EUT Frequency (MHz)	6455		
AWGN Frequency (MHz)	6455		
AWGN Power (dBm)	-71.62	-76.62	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.02	-77.02	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON
UNII Band	6		
Channel Number	103		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6465		
AWGN Frequency (MHz)	6430		
AWGN Power (dBm)	-71.74	-76.74	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.14	-77.14	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	6		
Channel Number	103		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6465		
AWGN Frequency (MHz)	6465		
AWGN Power (dBm)	-71.73	-76.73	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.13	-77.13	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	6		
Channel Number	103		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6465		
AWGN Frequency (MHz)	6500		
AWGN Power (dBm)	-71.70	-76.70	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.10	-77.10	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	7		
Channel Number	149		
Bandwidth (MHz)	20		
EUT Frequency (MHz)	6695		
AWGN Frequency (MHz)	6695		
AWGN Power (dBm)	-71.75	-76.75	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.15	-77.15	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON
UNII Band	7		
Channel Number	151		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6705		
AWGN Frequency (MHz)	6670		
AWGN Power (dBm)	-71.82	-76.82	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.22	-77.22	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	7		
Channel Number	151		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6705		
AWGN Frequency (MHz)	6705		
AWGN Power (dBm)	-71.96	-76.96	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.36	-77.36	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	7		
Channel Number	151		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	6705		
AWGN Frequency (MHz)	6740		
AWGN Power (dBm)	-71.95	-76.95	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.35	-77.35	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	8		
Channel Number	213		
Bandwidth (MHz)	20		
EUT Frequency (MHz)	7015		
AWGN Frequency (MHz)	7015		
AWGN Power (dBm)	-71.92	-76.92	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.32	-77.32	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON
UNII Band	8		
Channel Number	215		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	7025		
AWGN Frequency (MHz)	6990		
AWGN Power (dBm)	-71.68	-76.68	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.08	-77.08	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

UNII Band	8		
Channel Number	215		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	7025		
AWGN Frequency (MHz)	7025		
AWGN Power (dBm)	-71.79	-76.79	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.19	-77.19	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

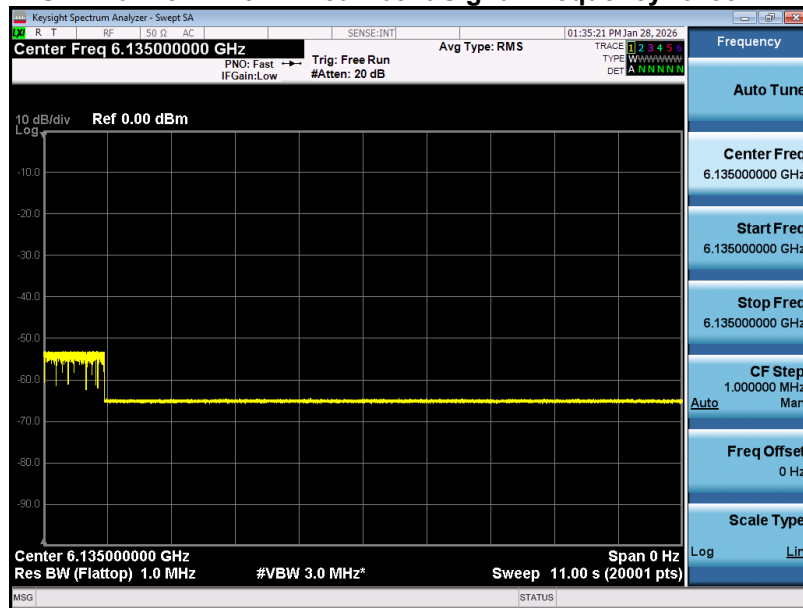
UNII Band	8		
Channel Number	215		
Bandwidth (MHz)	80		
EUT Frequency (MHz)	7025		
AWGN Frequency (MHz)	7060		
AWGN Power (dBm)	-71.63	-76.63	-80.00
Antenna Gain (dBi)	0.40		
Path Loss (dB)	0.00		
Adjusted Power (dBm)	-72.03	-77.03	-80.4
Detection Limit (dBm)	-62	-62	-62
EUT Tx Status	OFF	Minimal	ON

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

The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds
- Minimal: AWGN level at which the system begins to trigger the transmission switch -off, albeit not being kept off consistently.
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention-Based Protocol EUT Channel: CH37 Incumbent Signal Frequency: 6135 MHz



EUT Channel: CH101 Incumbent Signal Frequency: 6455 MHz

