



DH3_Ant1_Hop



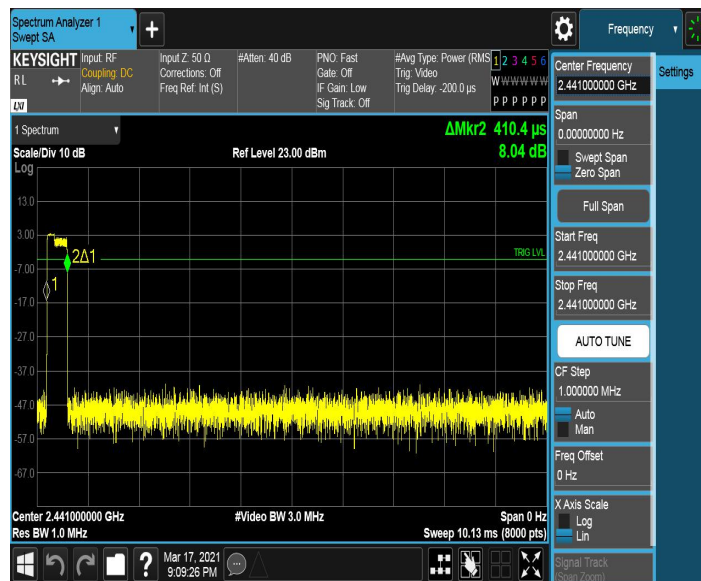


DH5_Ant1_Hop



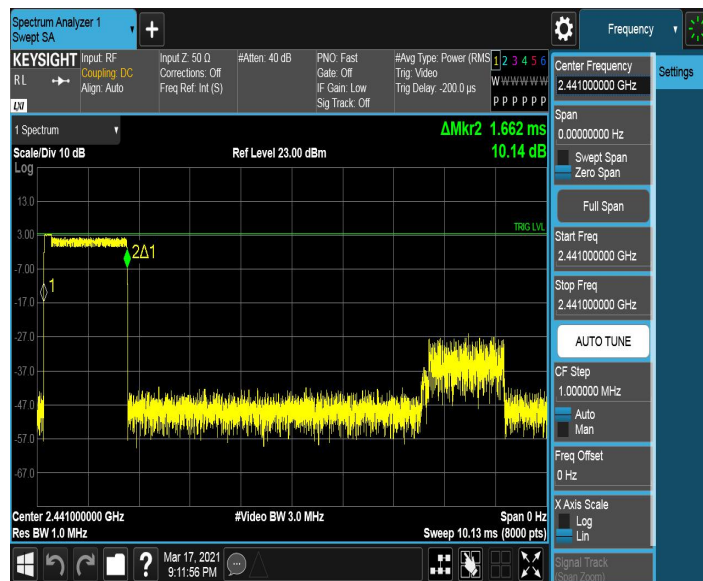


2DH1_Ant1_Hop





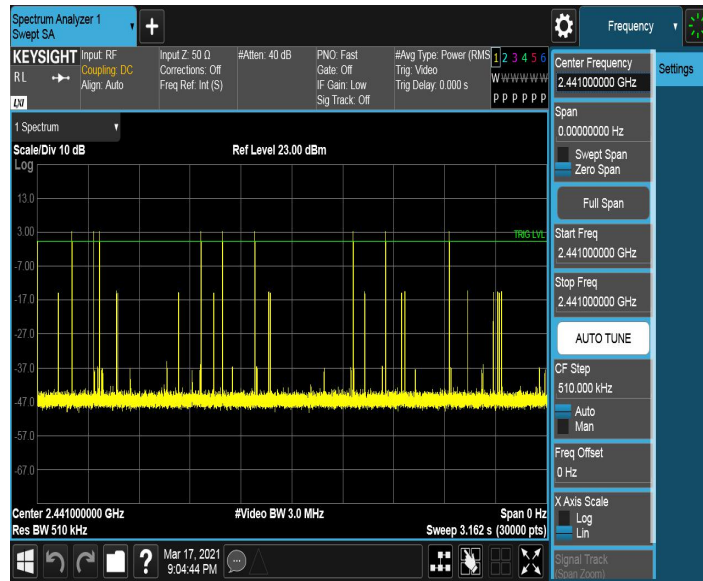
2DH3_Ant1_Hop



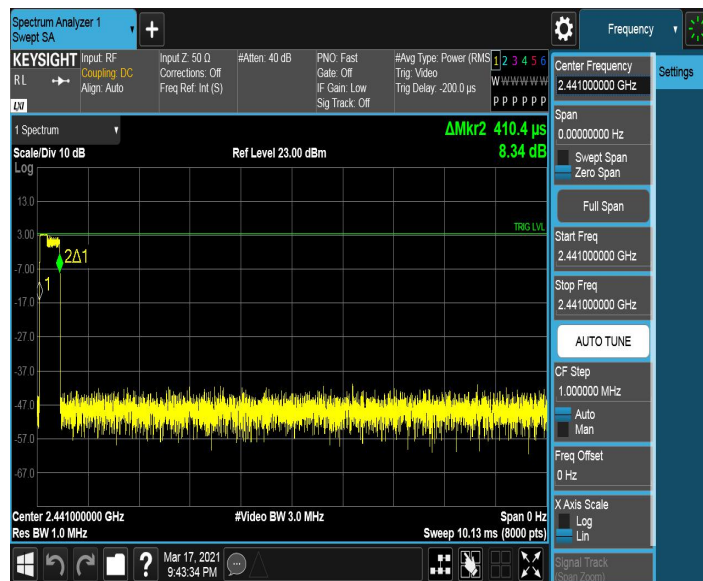


2DH5_Ant1_Hop



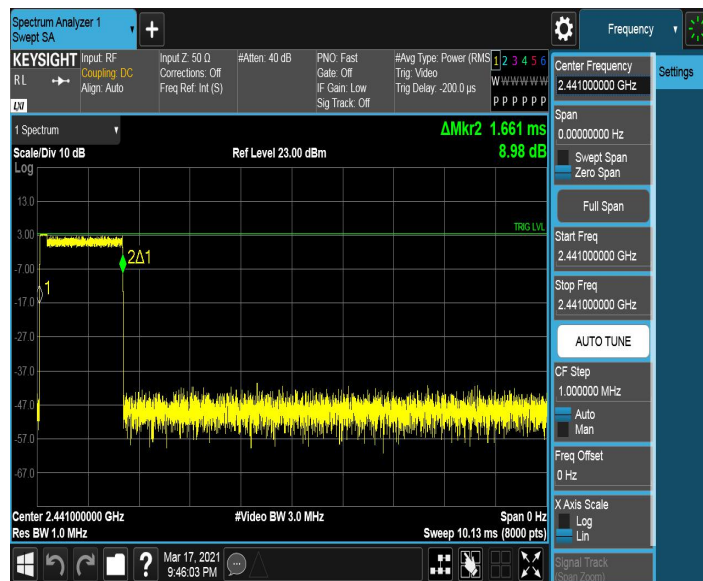


3DH1_Ant1_Hop



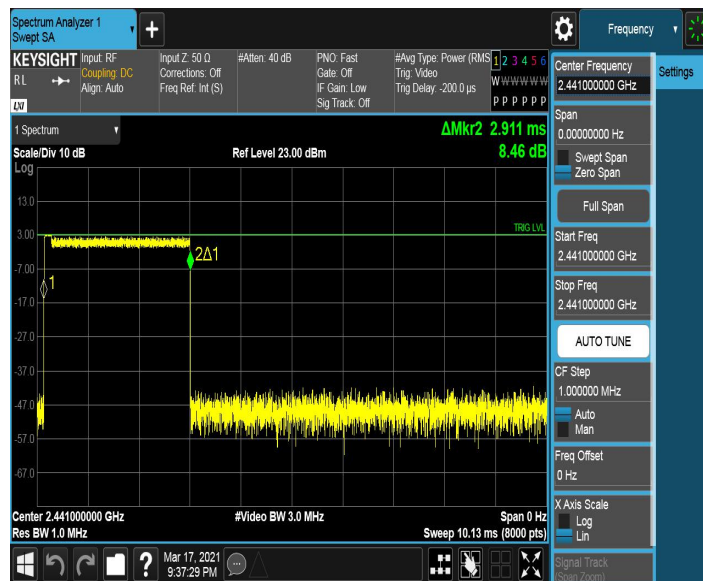


3DH3_Ant1_Hop





3DH5_Ant1_Hop





8.7. Band-edge Compliance Measurement

8.7.1. Test Limit

The maximum permissible emission level is 20dBc. Any emissions were lying outside of the emission bandwidth and in authorized band edges to a field strength limit specified in Section 15.209 of the Title 47 CFR.

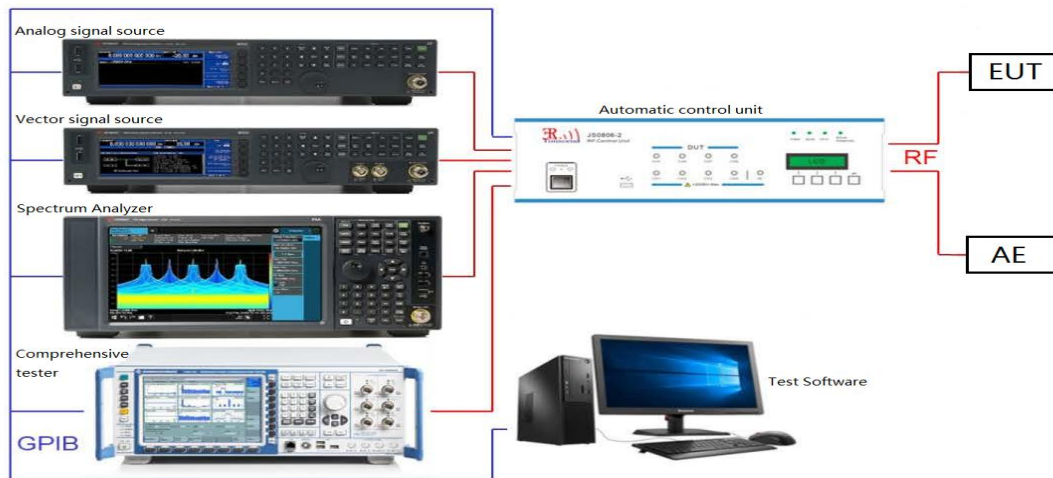
8.7.2. Test Procedure Used

ANSI C63.10-2013 - Section 6.10.4

8.7.3. Test Setting

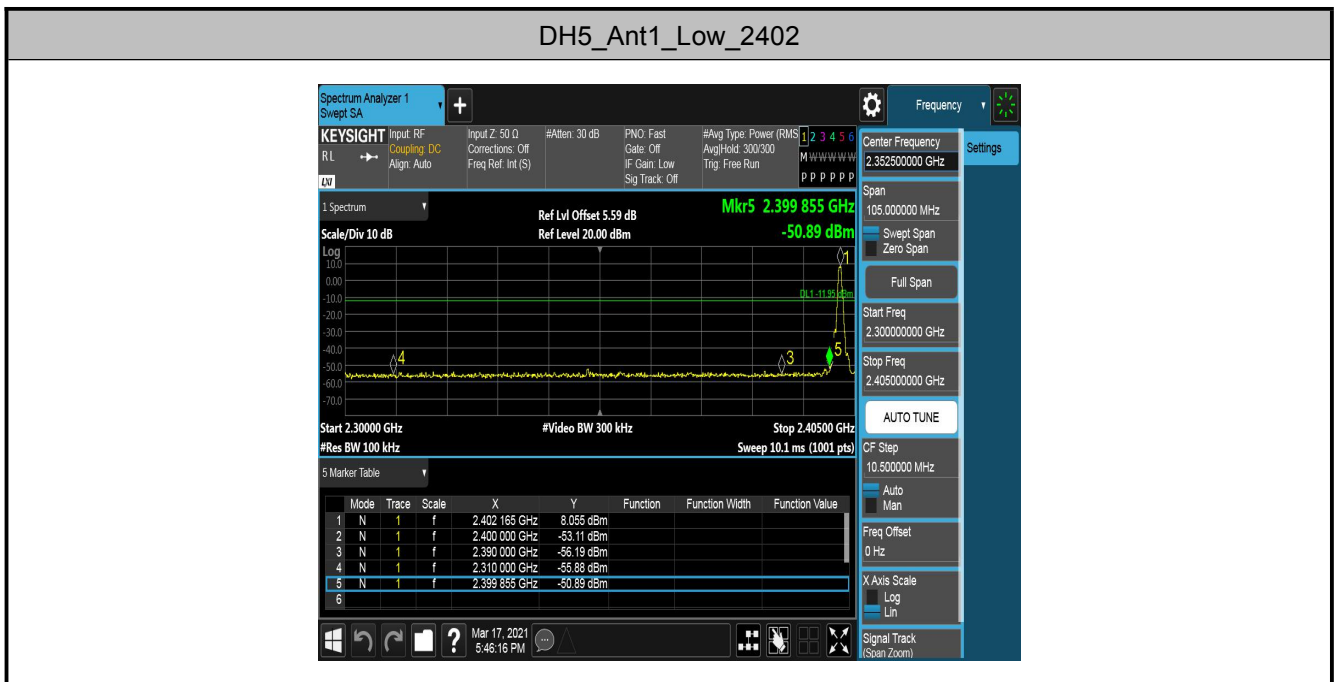
1. Span = wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products which fall outside of the authorized band of operation.
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize
8. Allow the trace to stabilize. Set the marker on the emission at the band edge, or on the highest modulation product outside of the band, if this level is greater than that at the band edge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission.

8.7.4. Test Setup

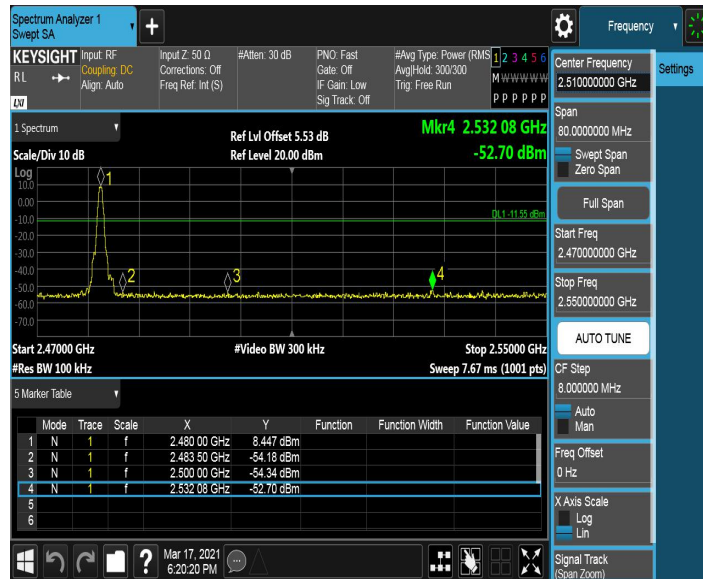


8.7.5. Test Result

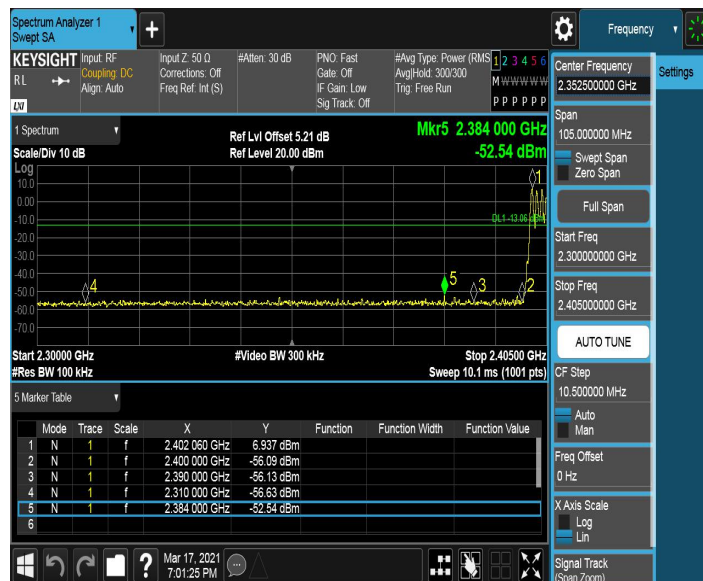
Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	8.05	-50.89	<=-11.95	PASS
		High	2480	8.45	-52.70	<=-11.55	PASS
		Low	Hop_2402	6.94	-52.54	<=-13.06	PASS
		High	Hop_2480	8.69	-52.94	<=-11.31	PASS
2DH5	Ant1	Low	2402	8.11	-40.89	<=-11.89	PASS
		High	2480	7.42	-53.19	<=-12.58	PASS
		Low	Hop_2402	4.50	-53.31	<=-15.50	PASS
		High	Hop_2480	8.12	-53.12	<=-11.88	PASS
3DH5	Ant1	Low	2402	7.86	-41.78	<=-12.14	PASS
		High	2480	8.44	-53.34	<=-11.56	PASS
		Low	Hop_2402	2.99	-53.90	<=-17.01	PASS
		High	Hop_2480	6.37	-52.22	<=-13.63	PASS



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402



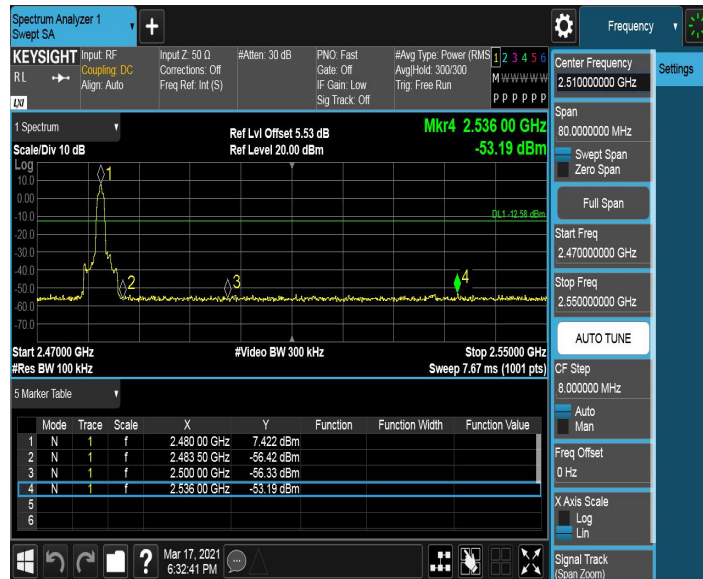
DH5_Ant1_High_Hop_2480



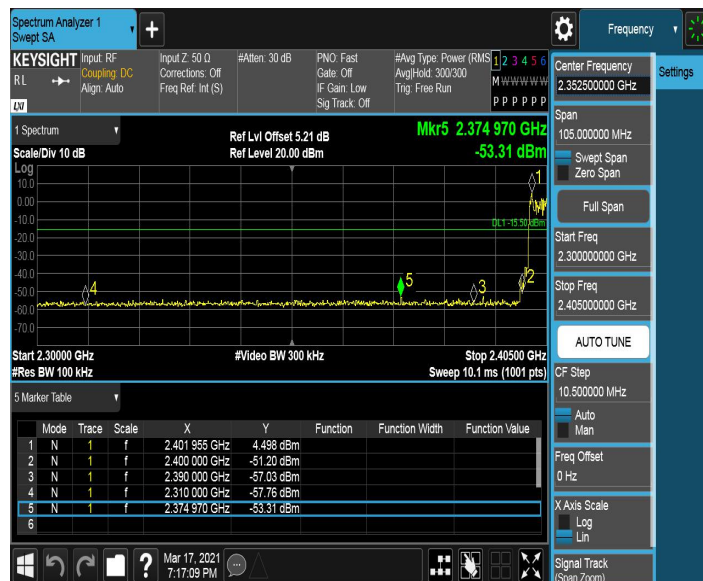
2DH5_Ant1_Low_2402



2DH5_Ant1_High_2480



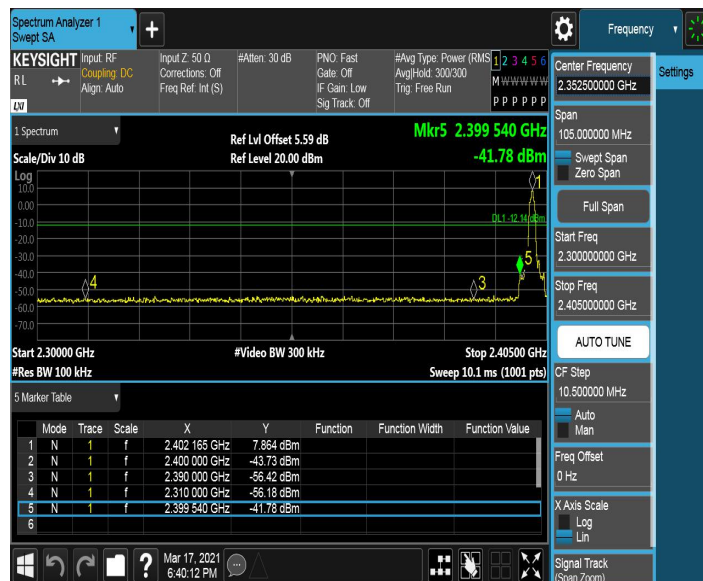
2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402



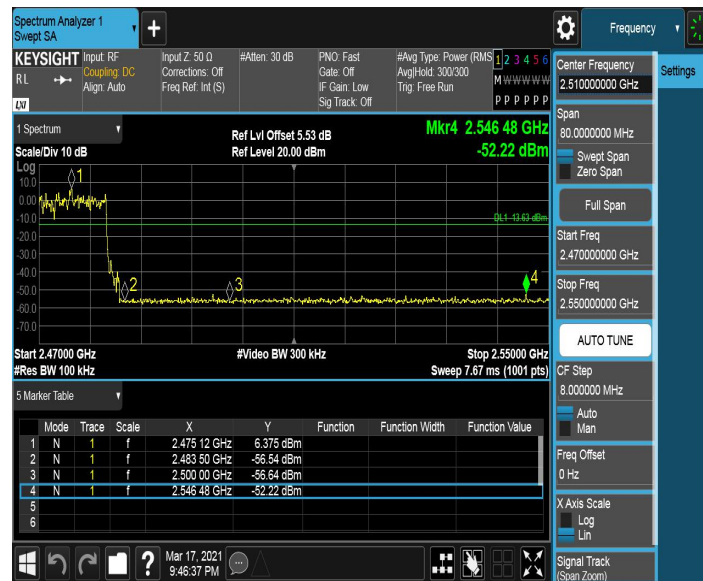
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



8.8. Conducted Spurious Emissions Measurement

8.8.1. Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

8.8.2. Test Procedure Used

ANSI C63.10-2013 - Section 7.8.8

8.8.3. Test Setting

1. Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic.
Typically, several plots are required to cover this entire span.
2. RBW = 100 KHz
3. VBW \geq RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize
8. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

8.8.4. Test Setup

