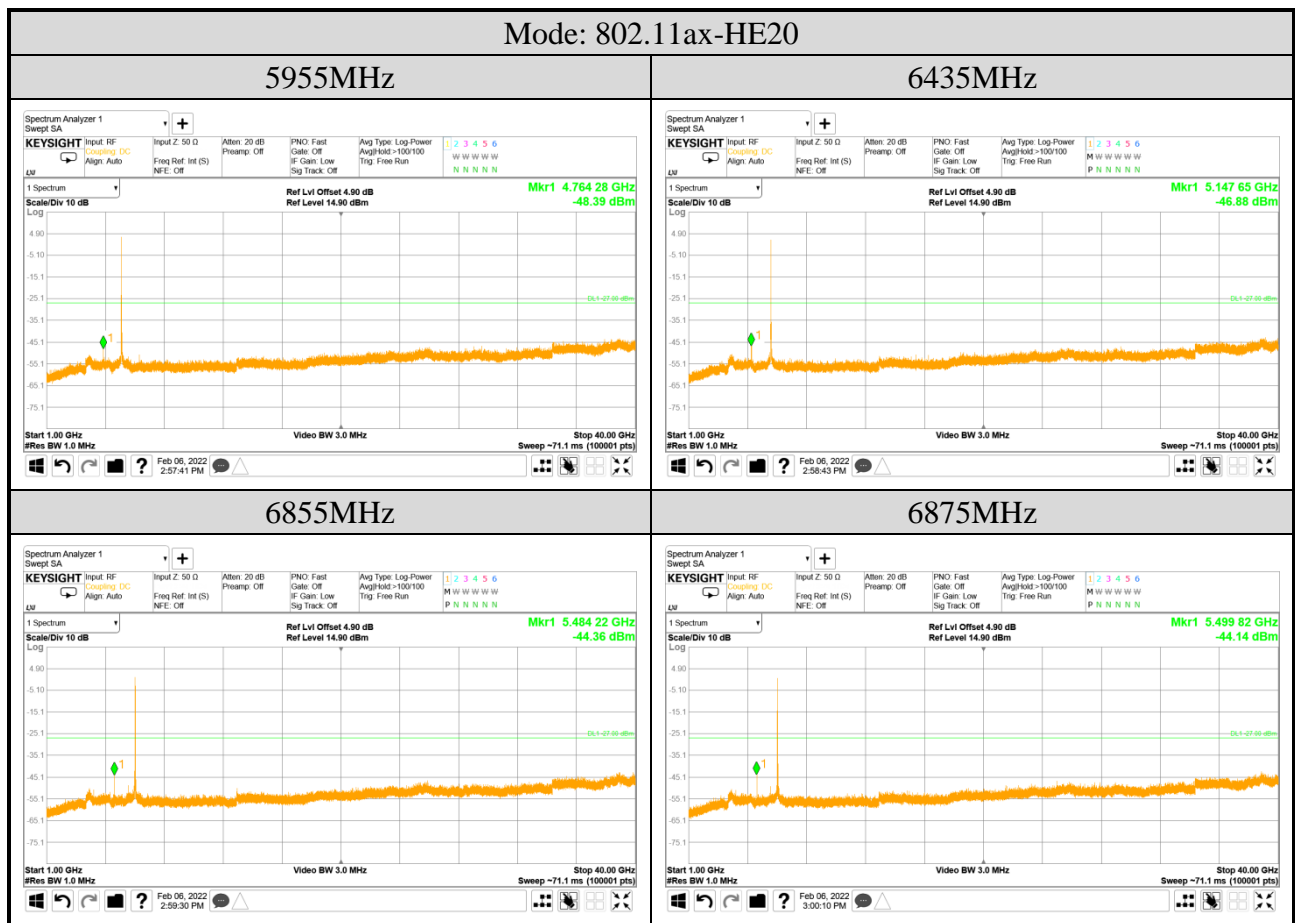
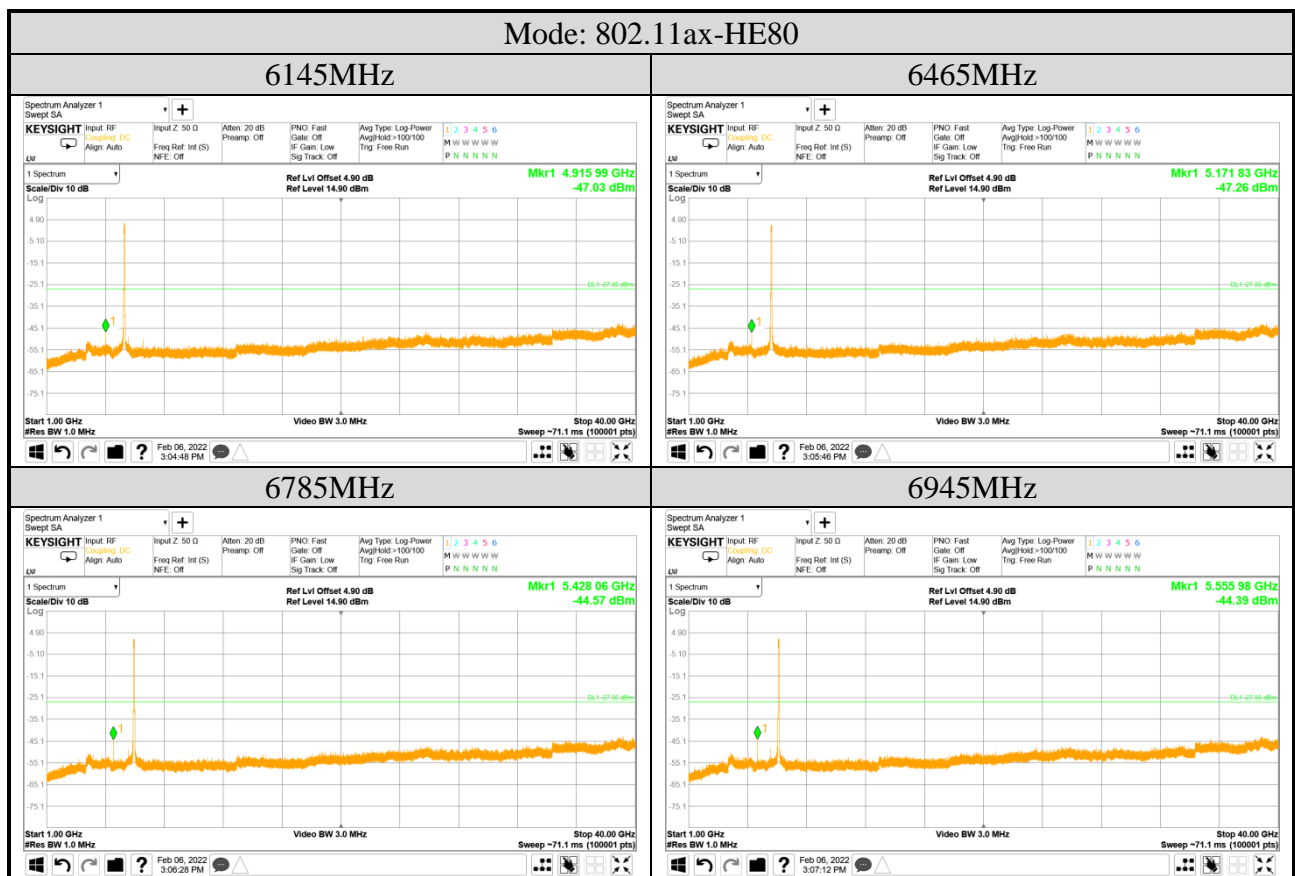
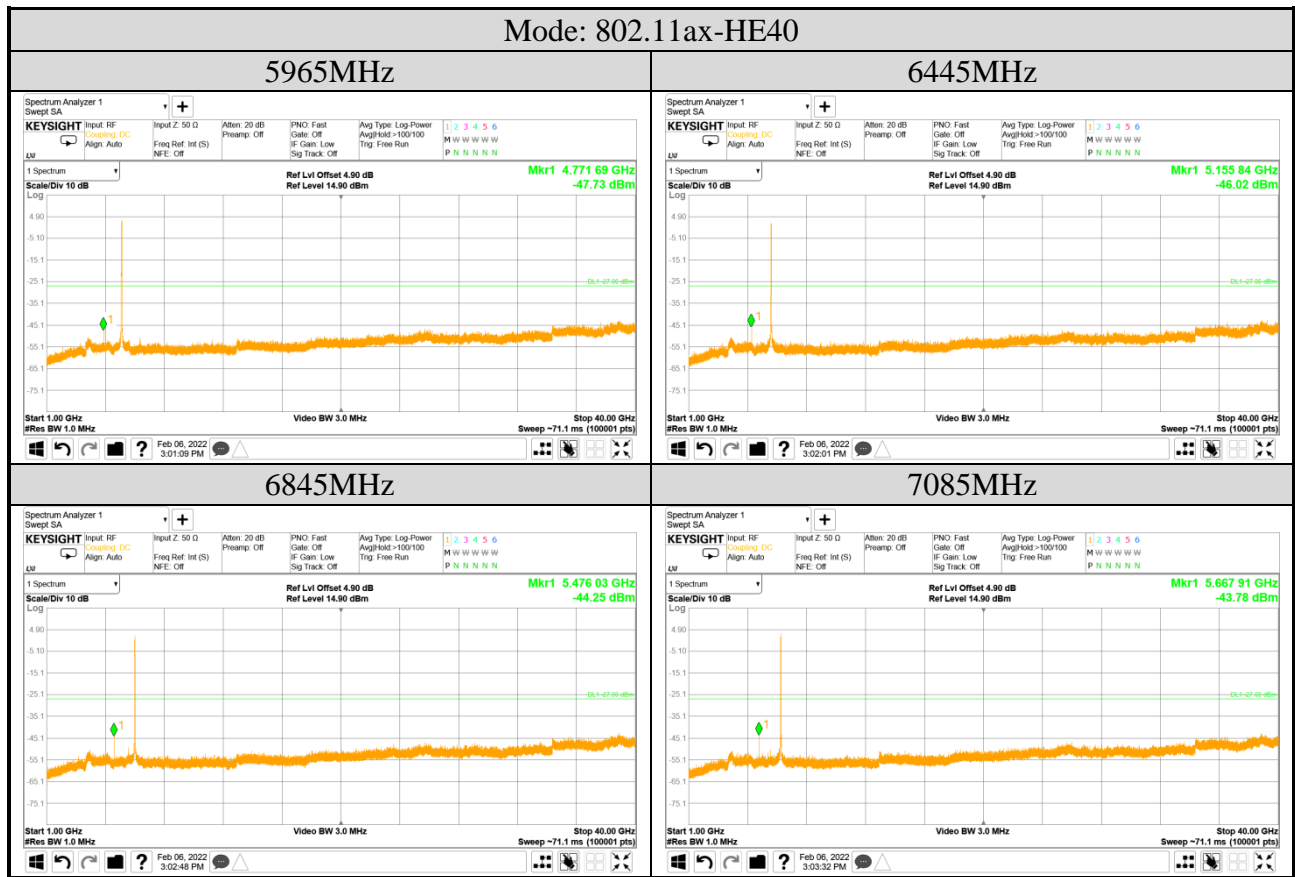


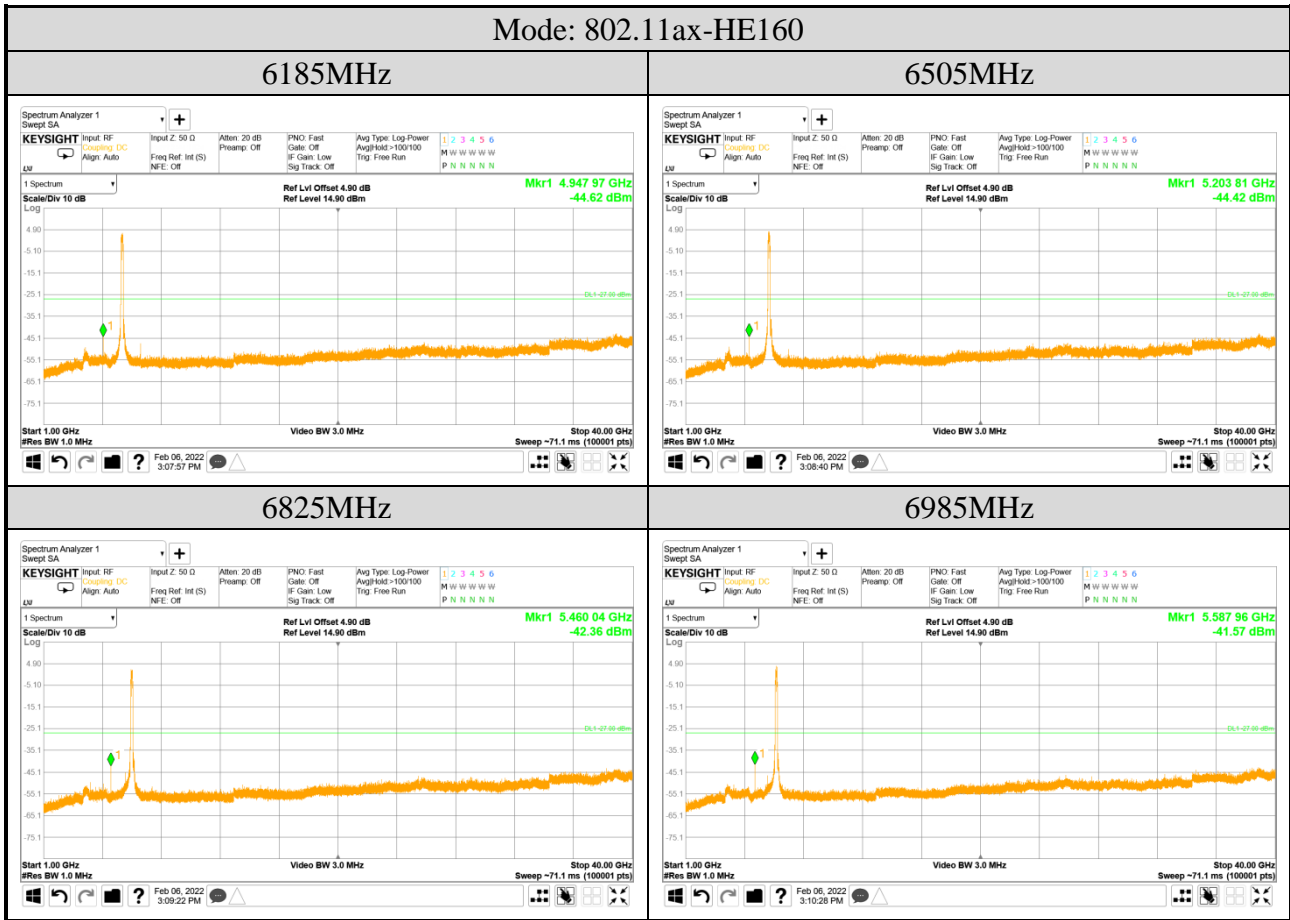
A.6 UNDESIRABLE EMISSION LIMITS: SPURIOUS EMISSION (CONDUCTED)

Test Date	2022/02/06 ~17	Temp./Hum.	16 ~ 17°C /68~78%
Cable Loss	1.9dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		
Simultaneous Factor $10 \log(N_{ANT})$ (Note: where N_{ANT} is the number of outputs)	3dB		

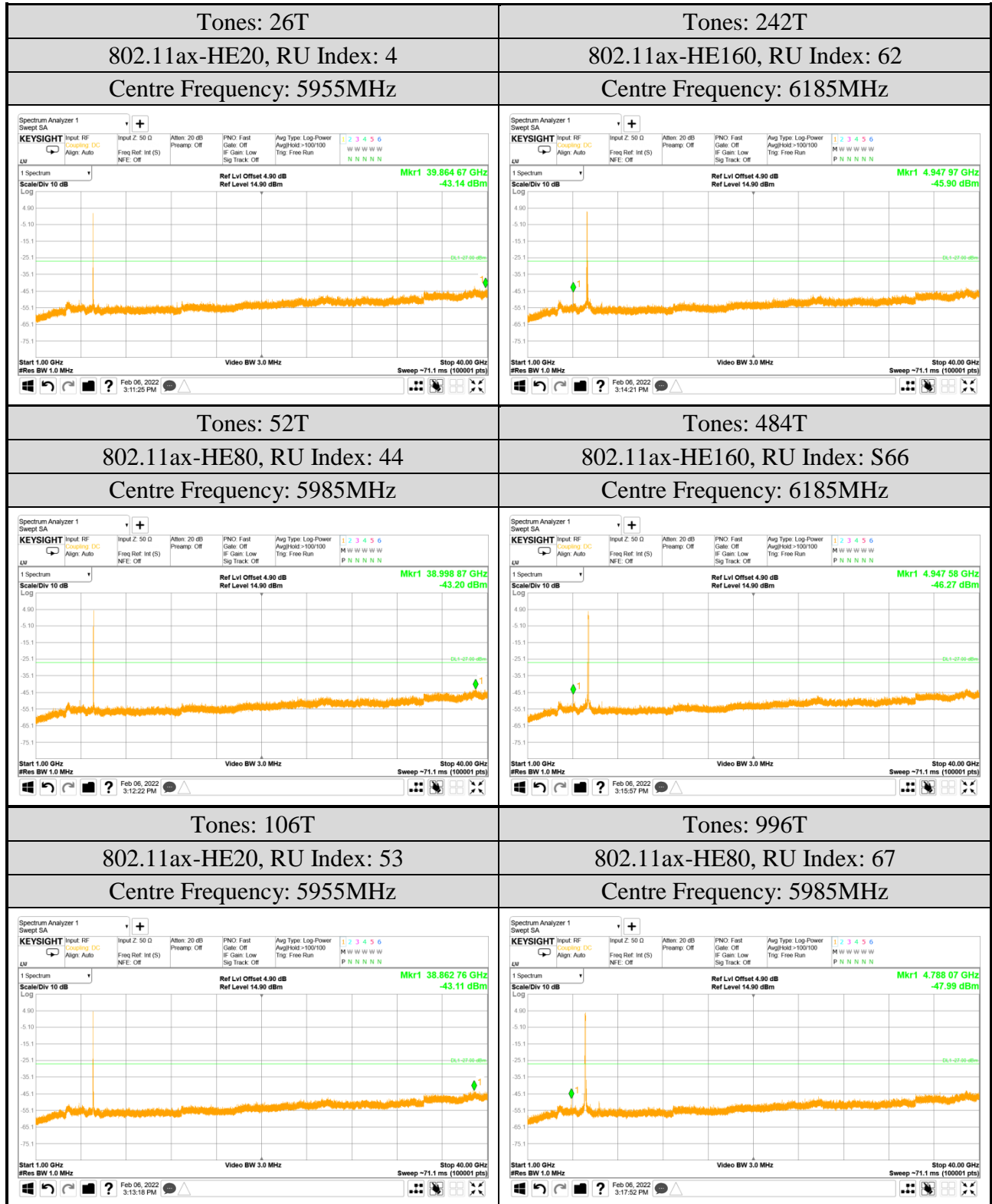
● OFDM Modulation







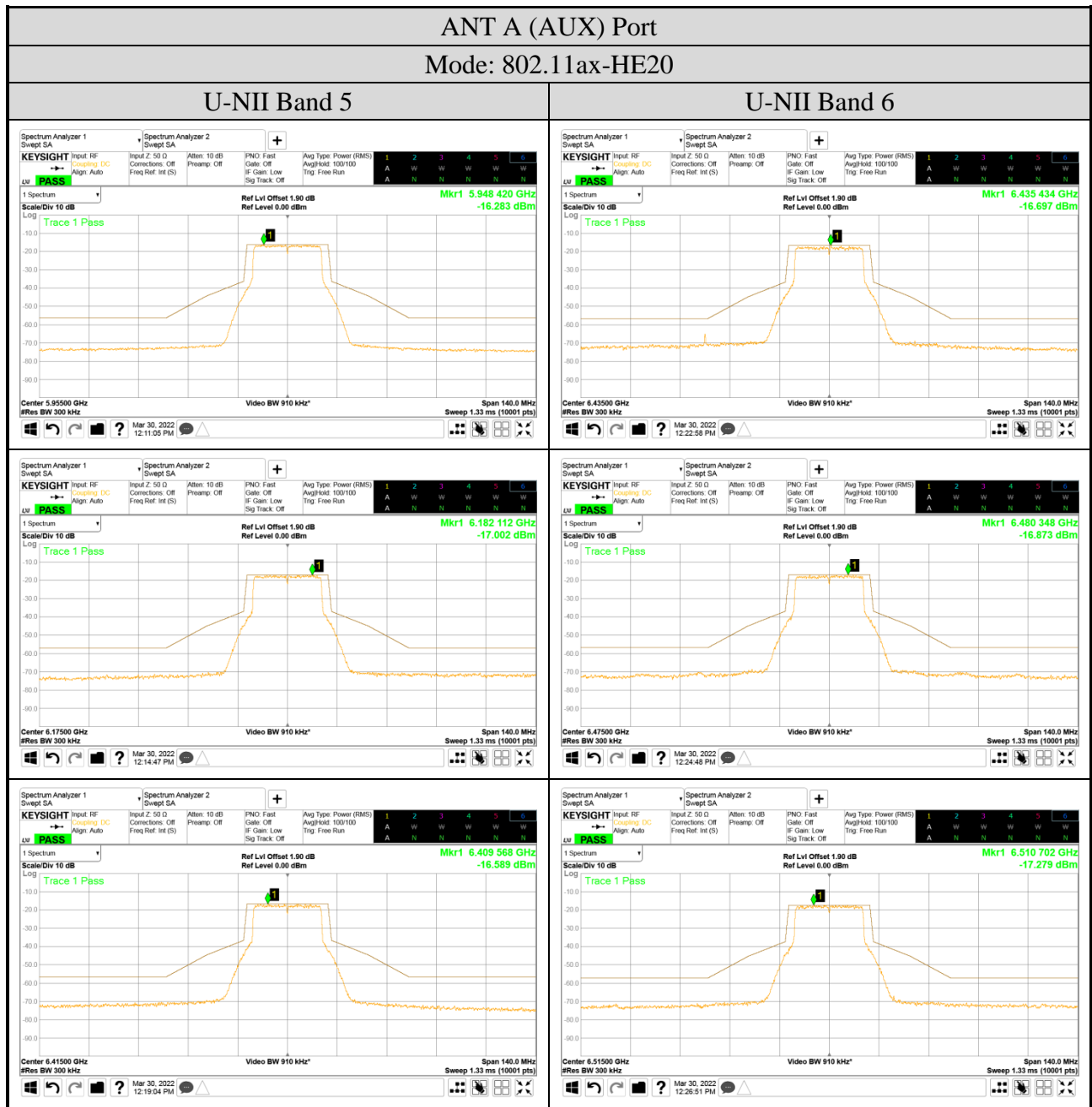
● OFDMA Modulation

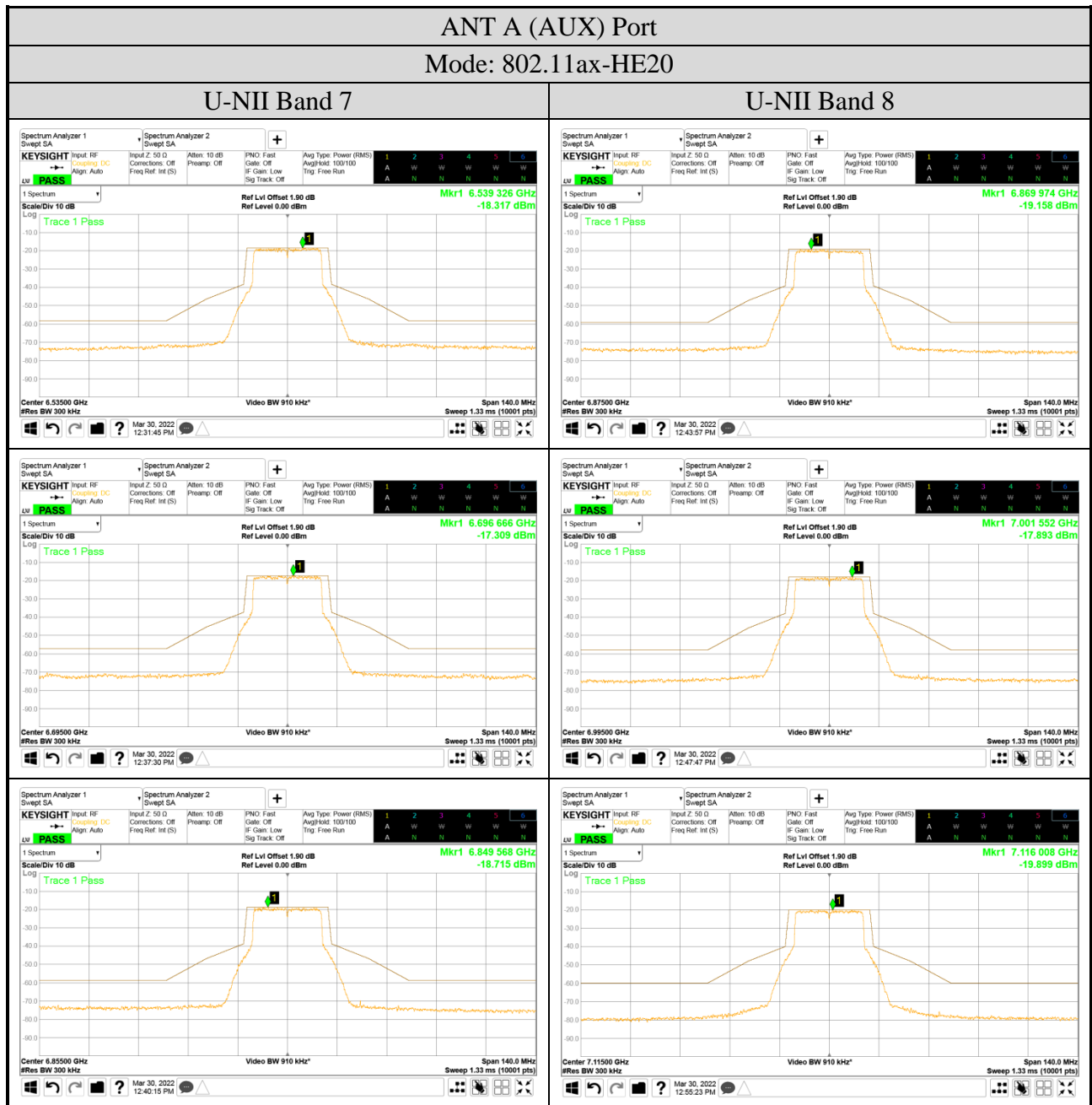


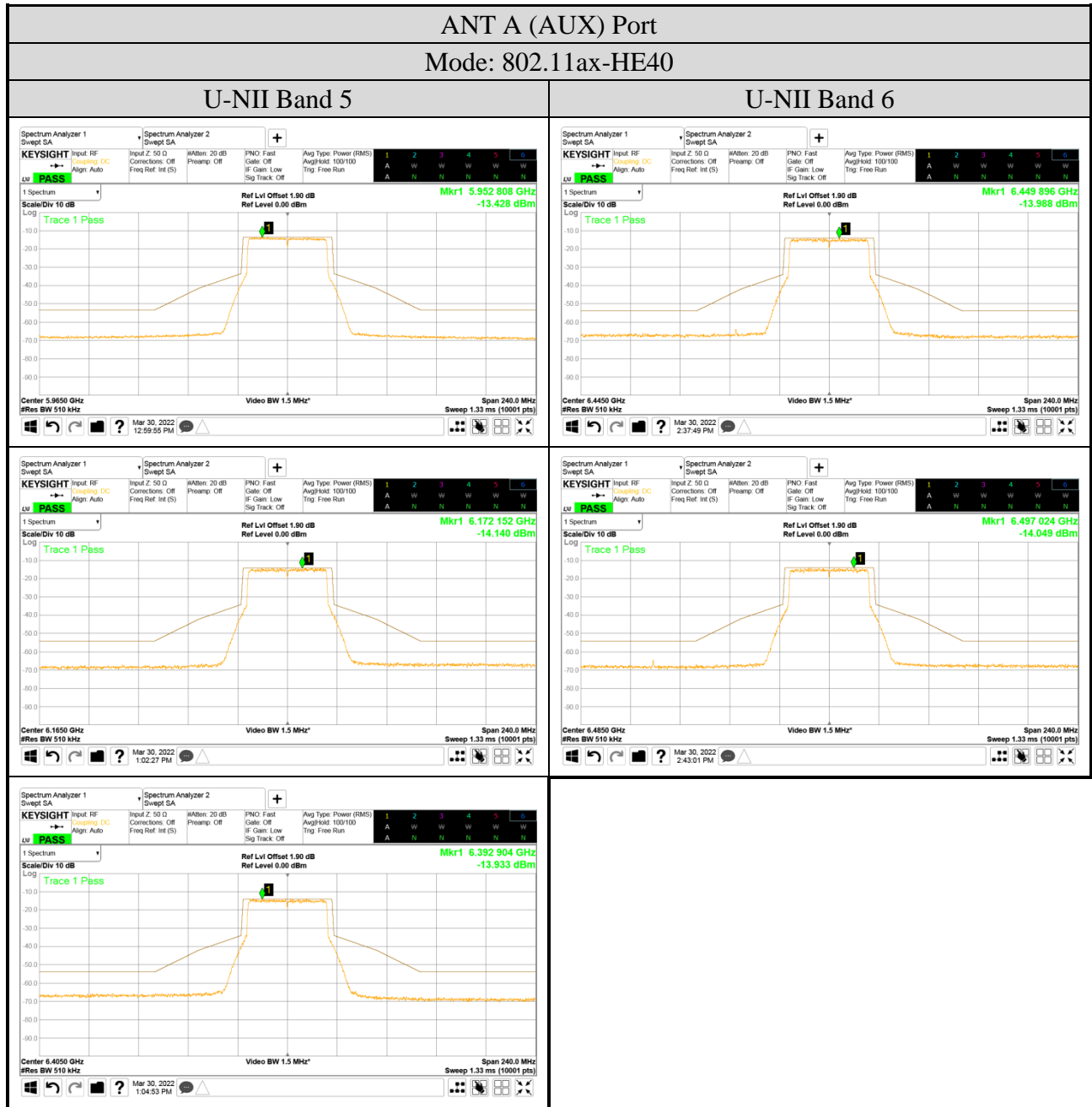
A.7 IN-BAND EMISSION (CHANNEL MASK)

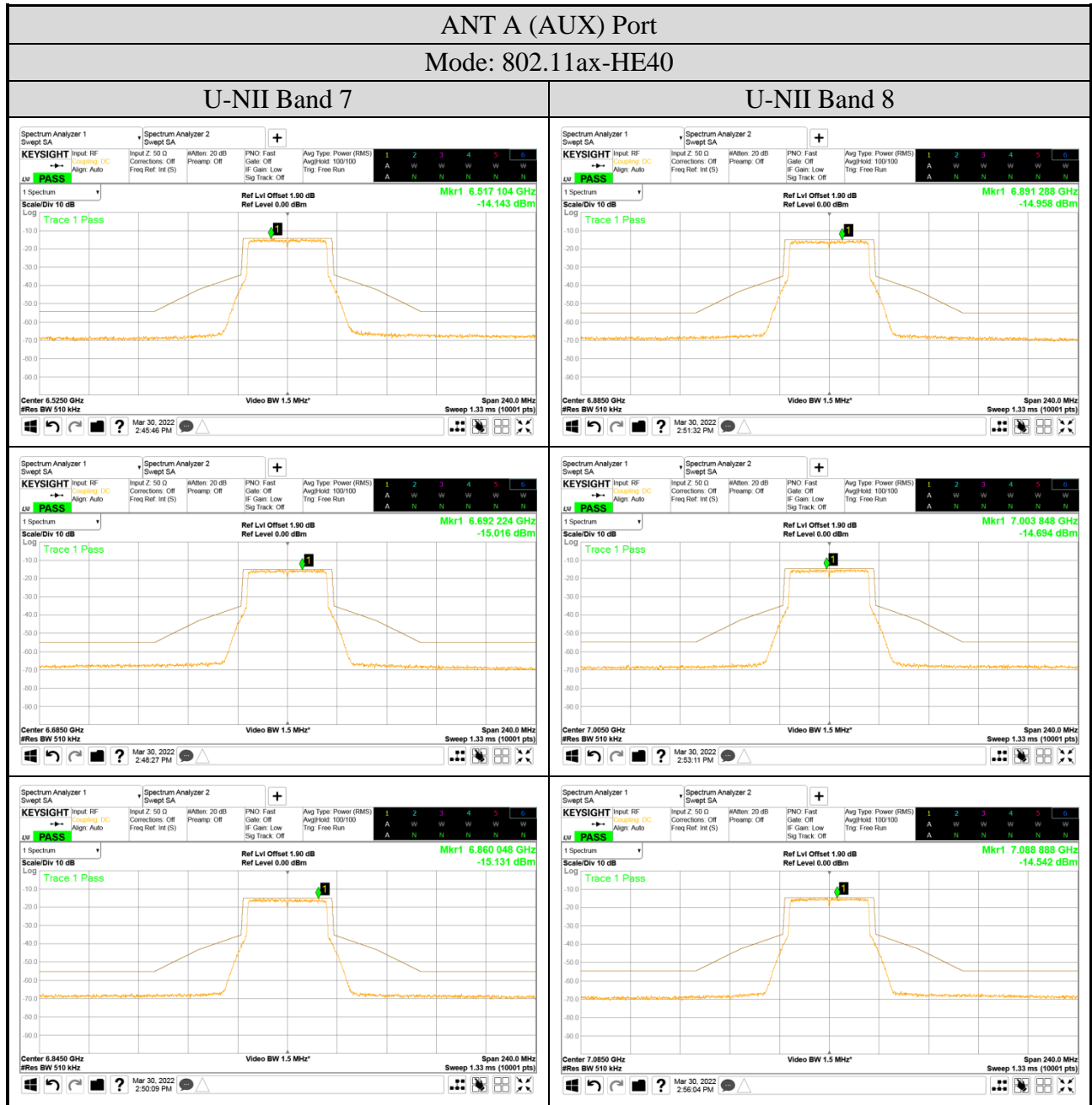
Test Date	2022/02/16 ~ 03/03	Temp./Hum.	17 ~ 23°C/66 ~ 78%
Cable Loss	1.9dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

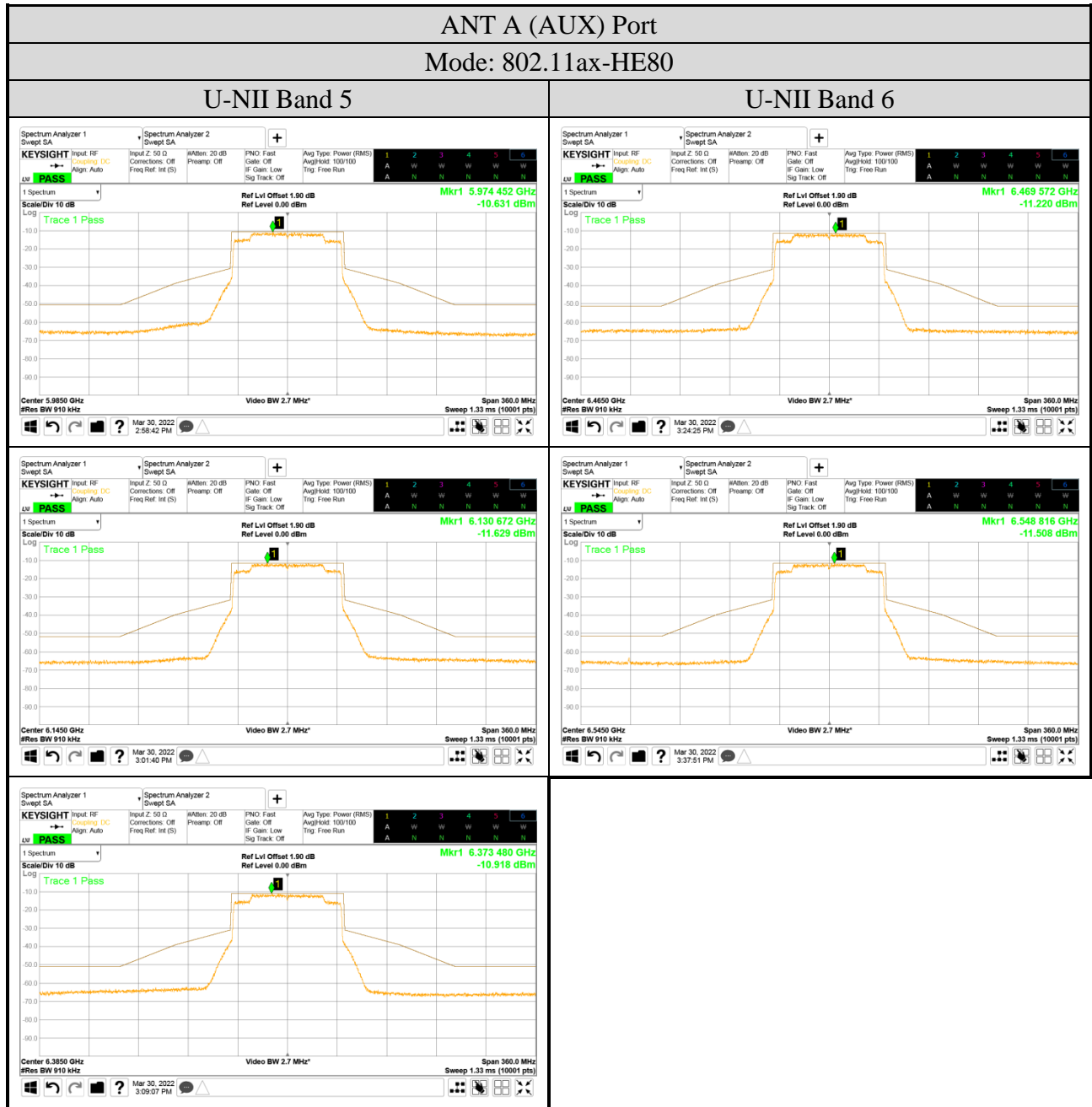
● OFDM Modulation

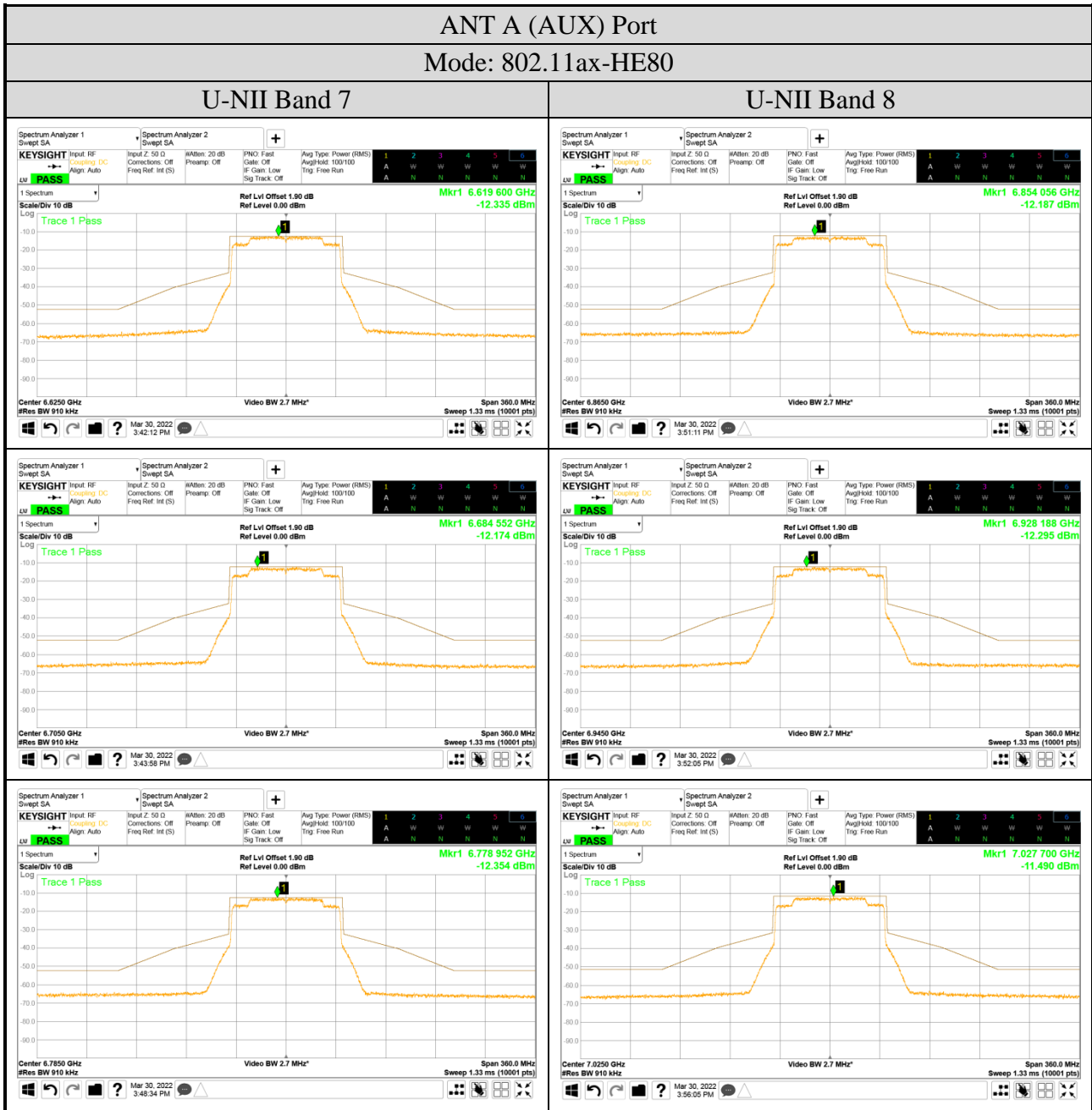


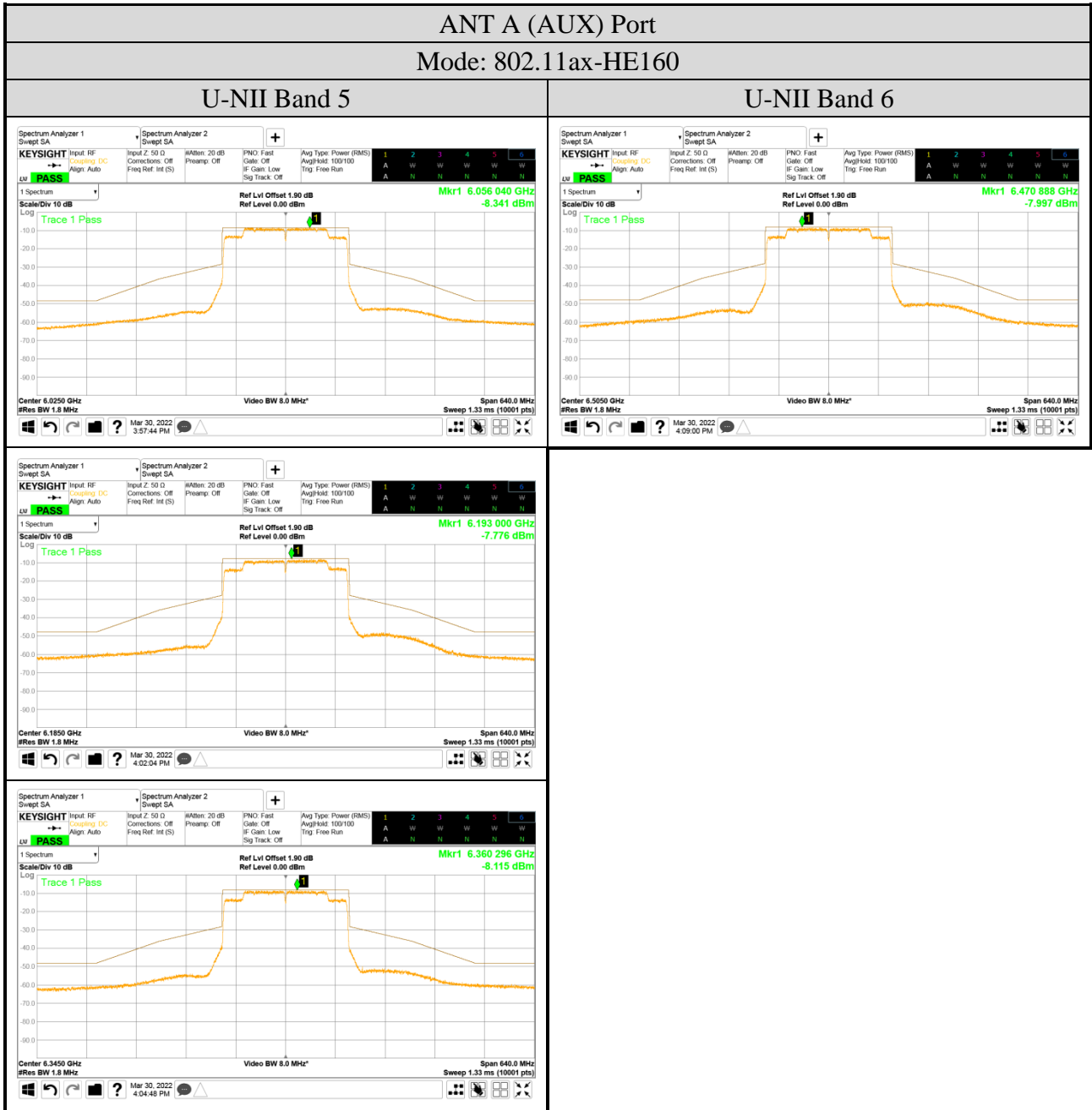


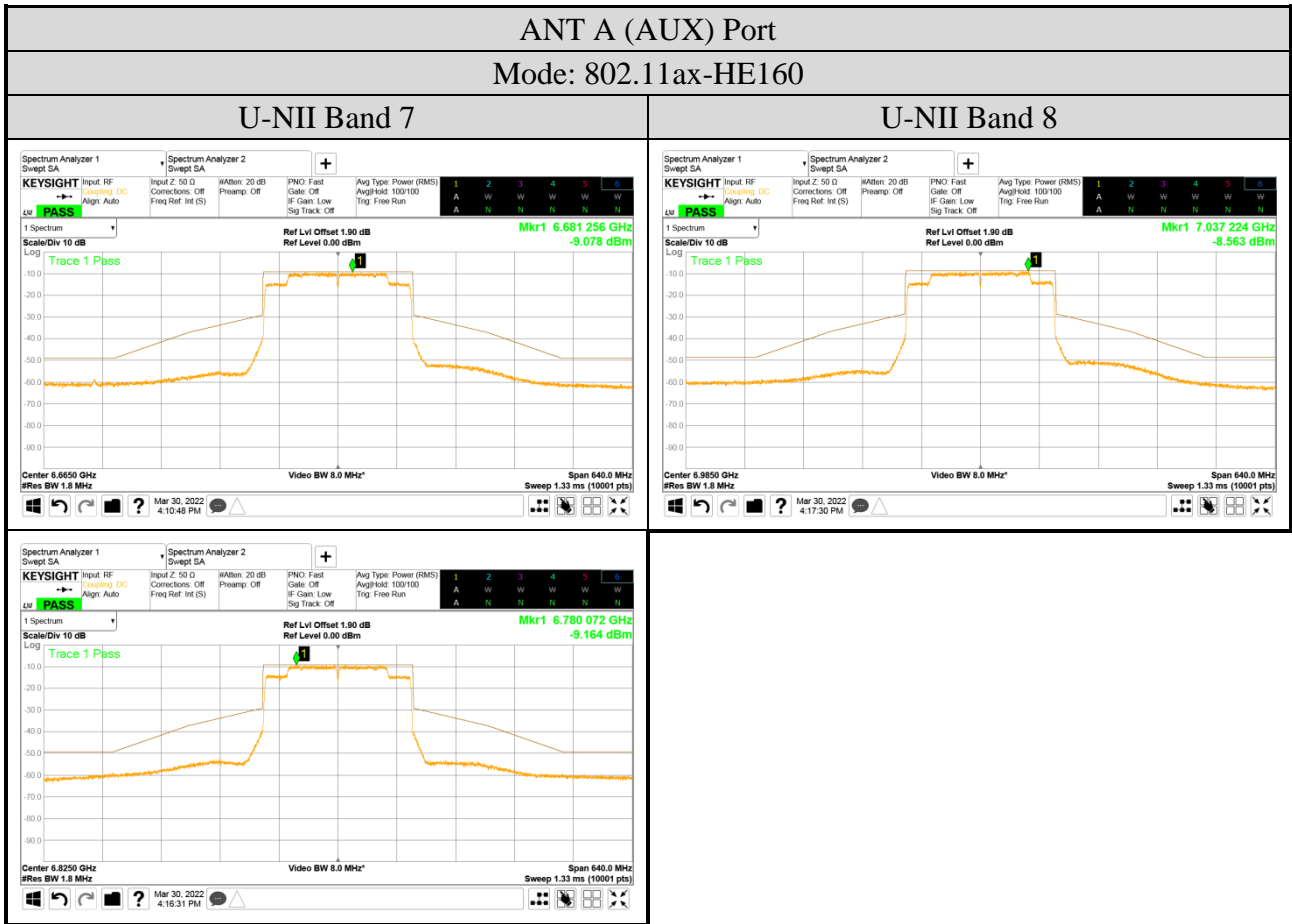


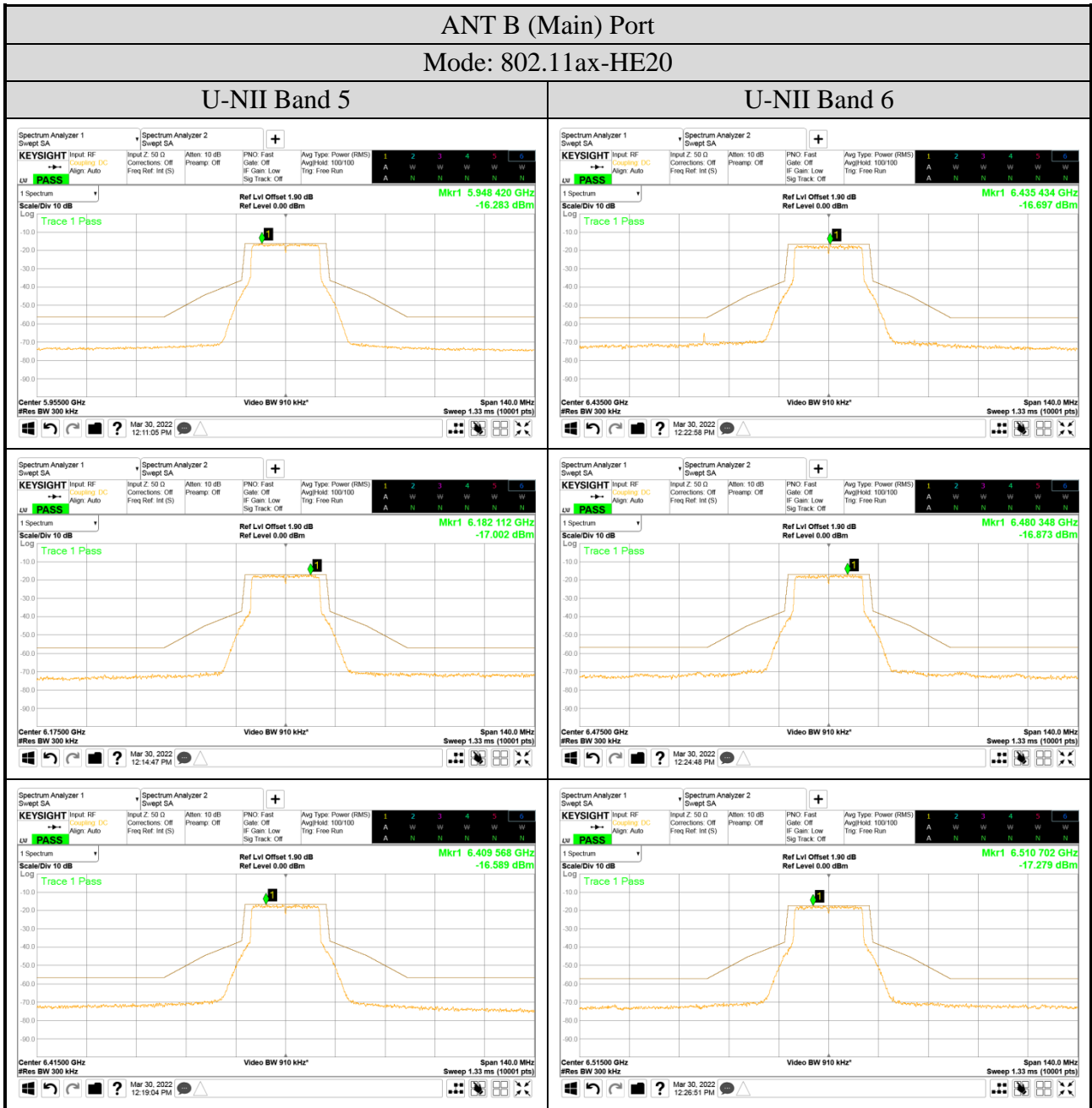


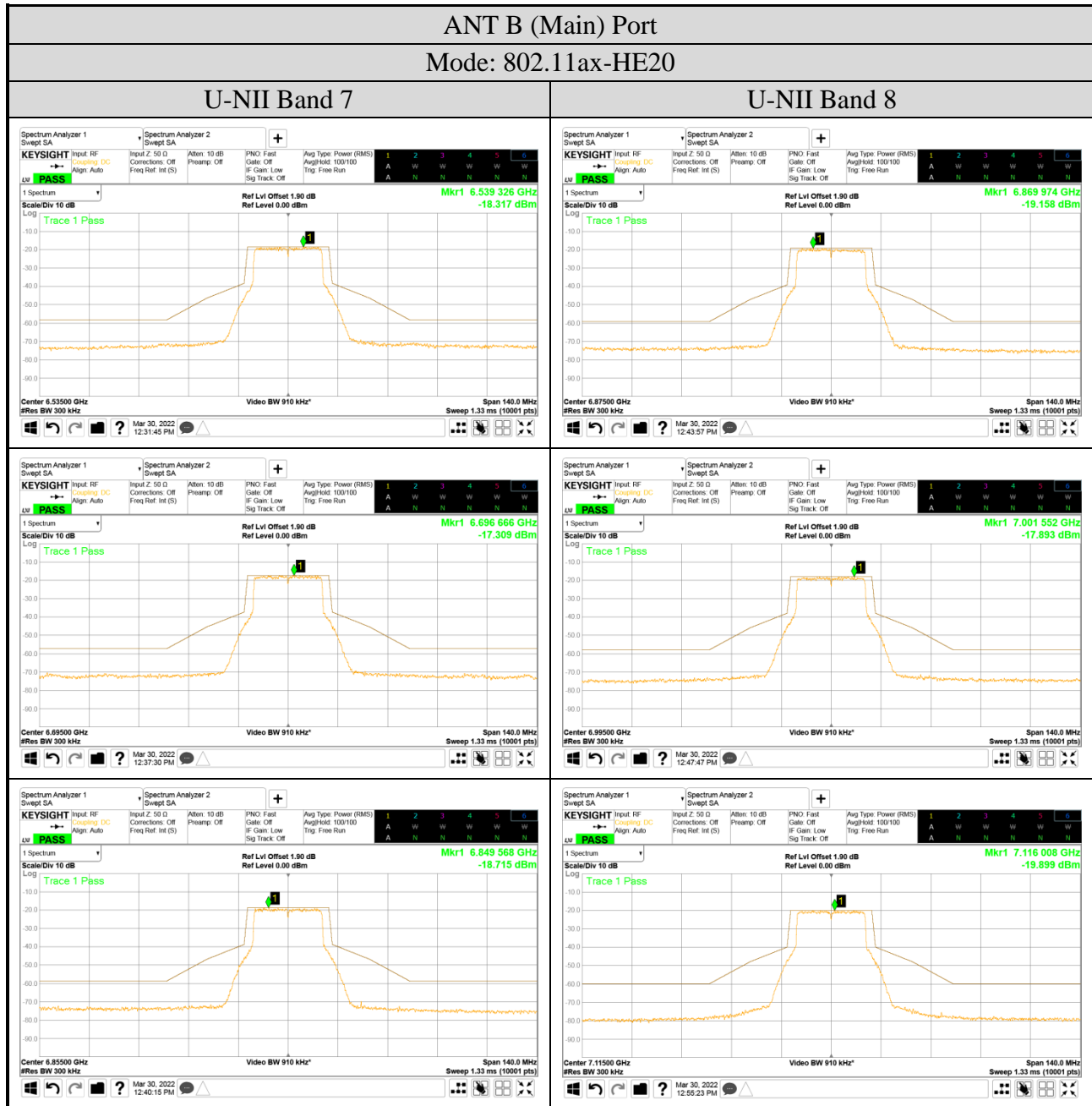


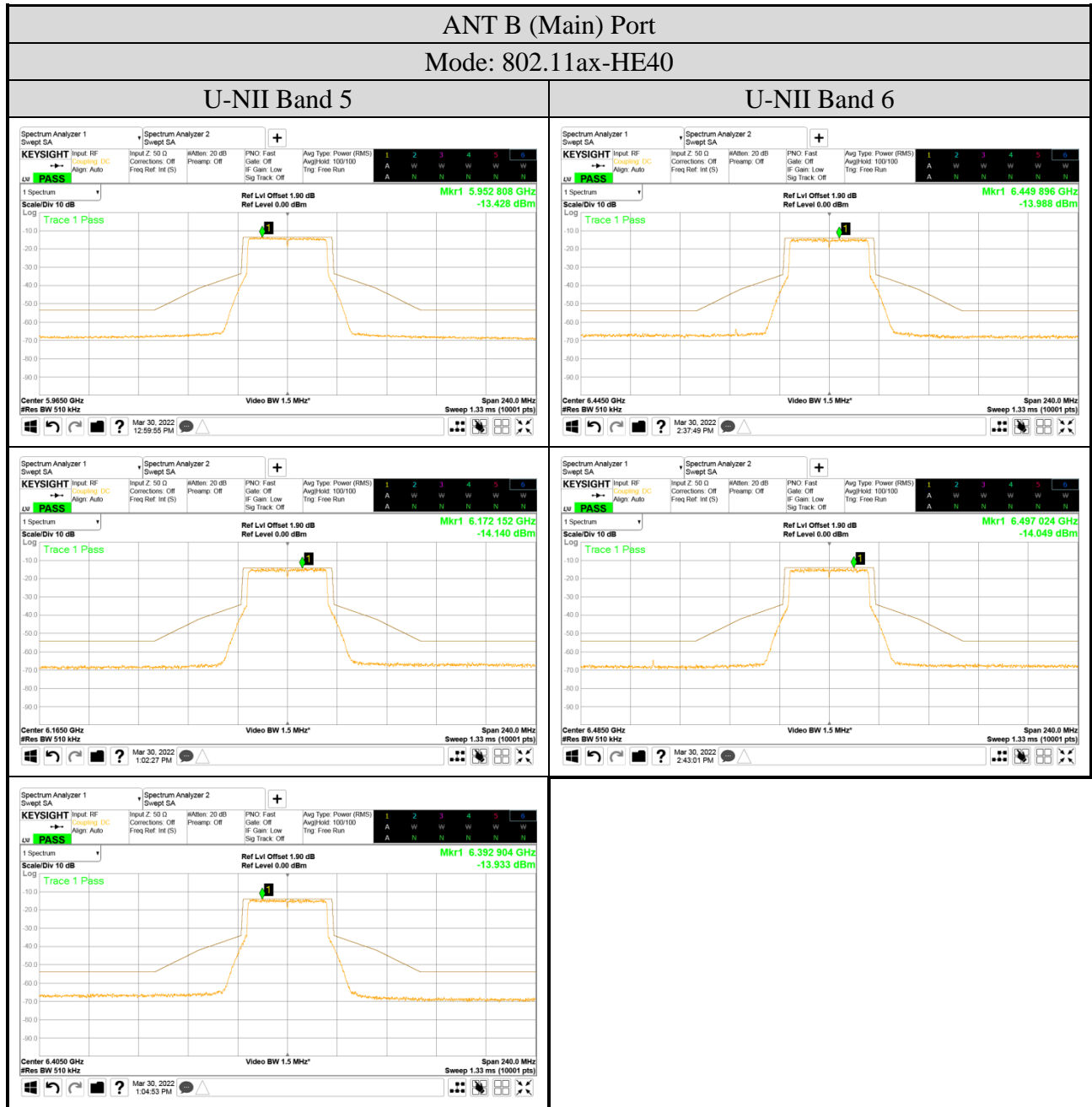


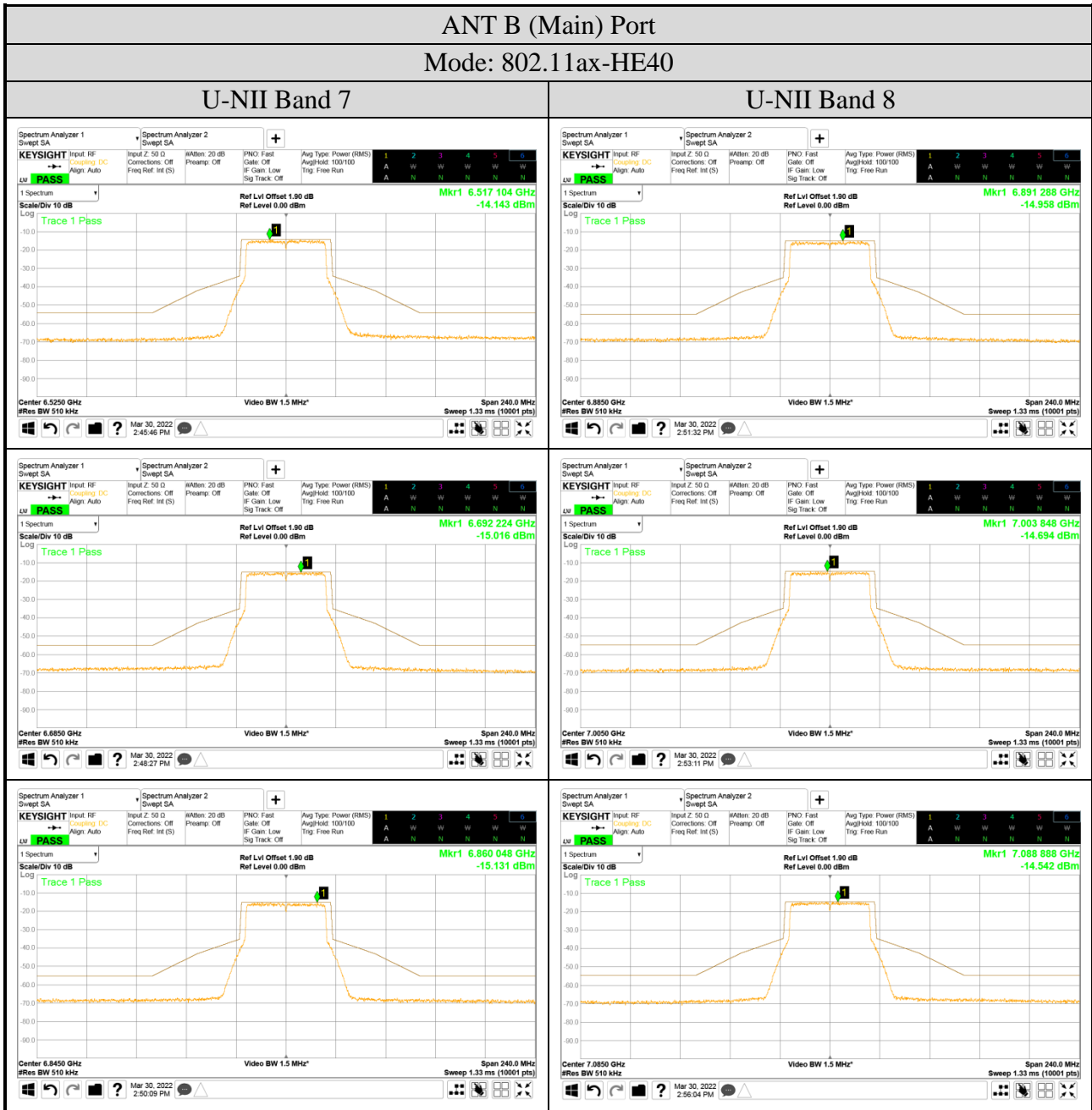


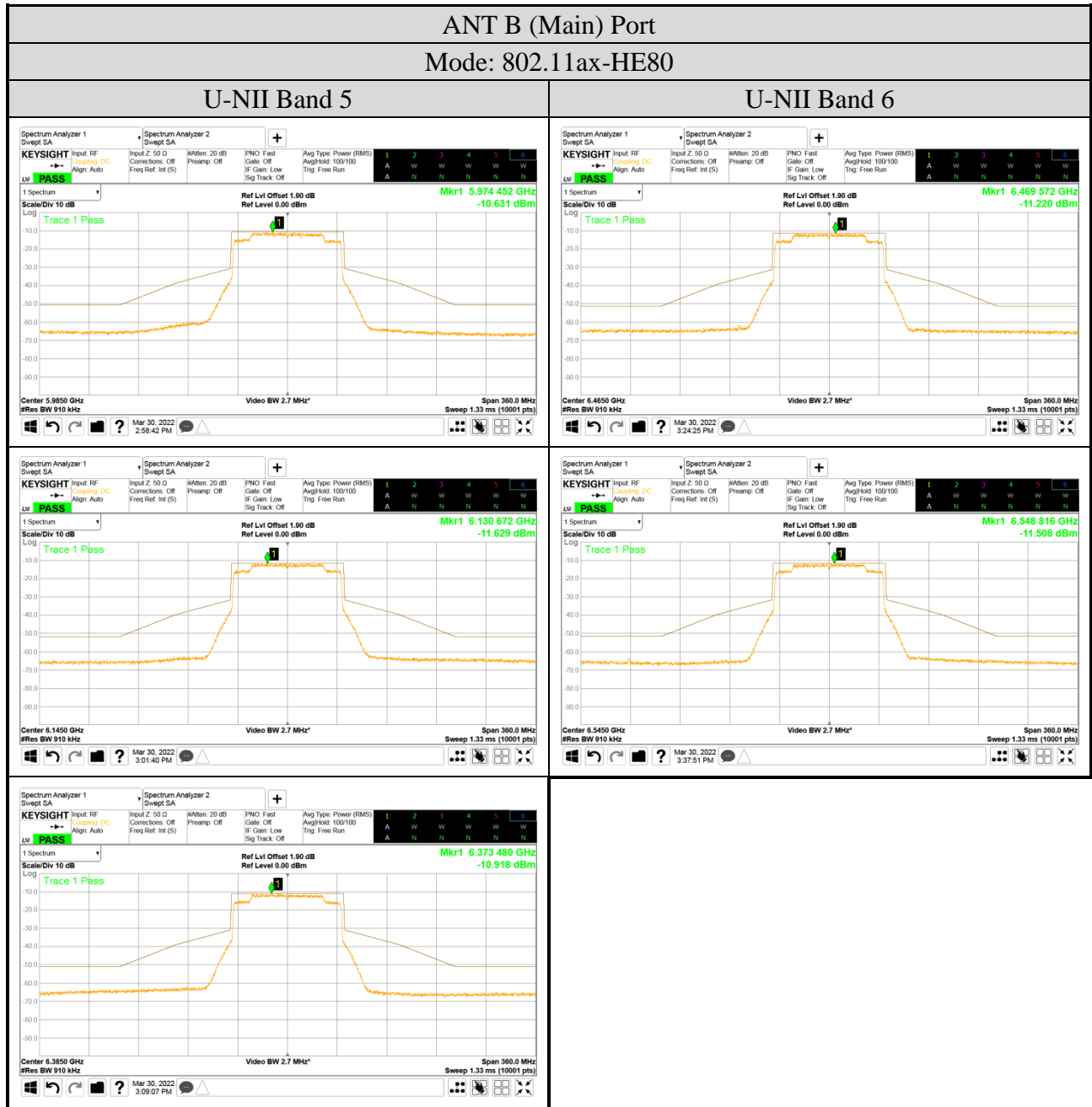


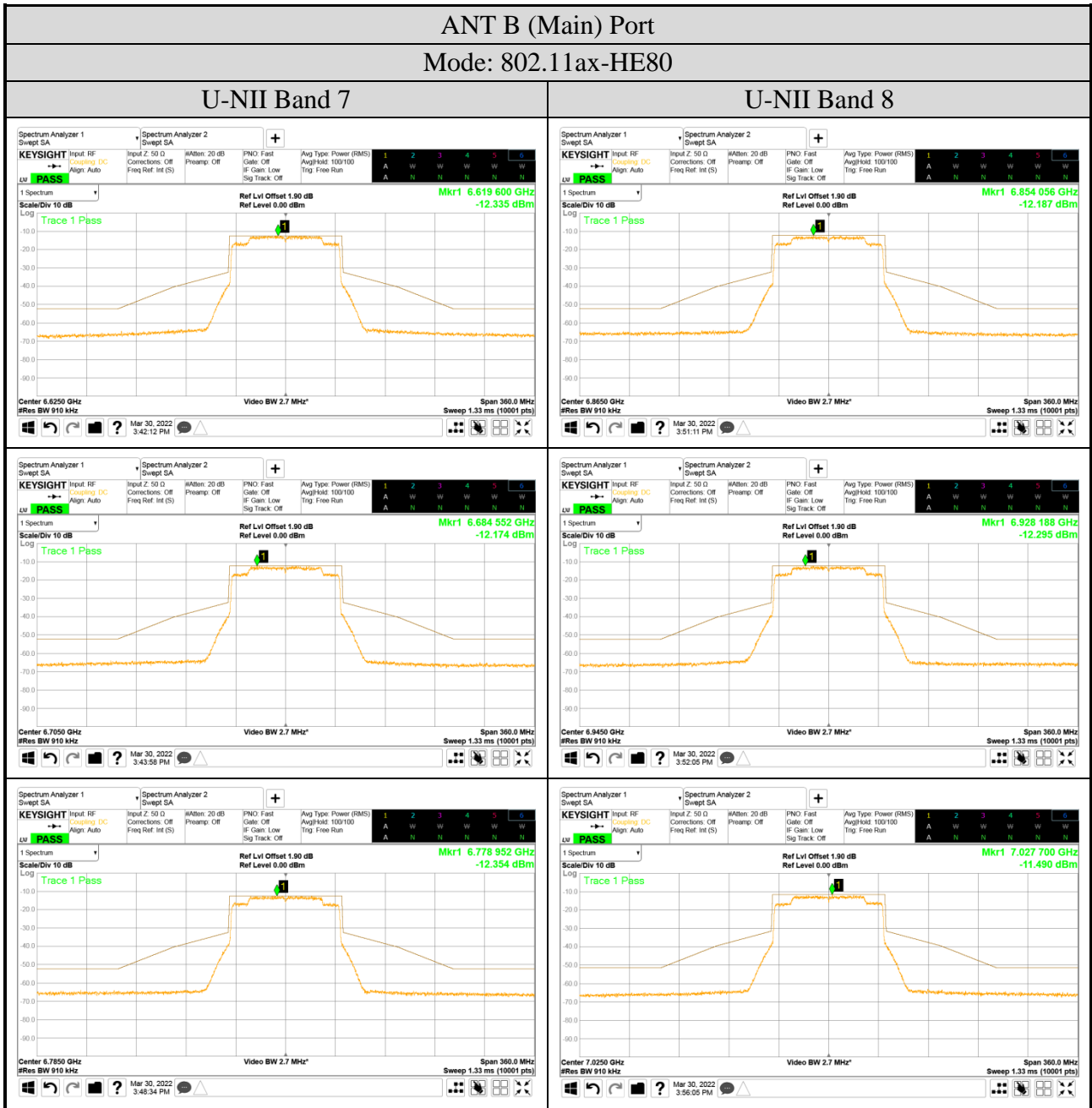


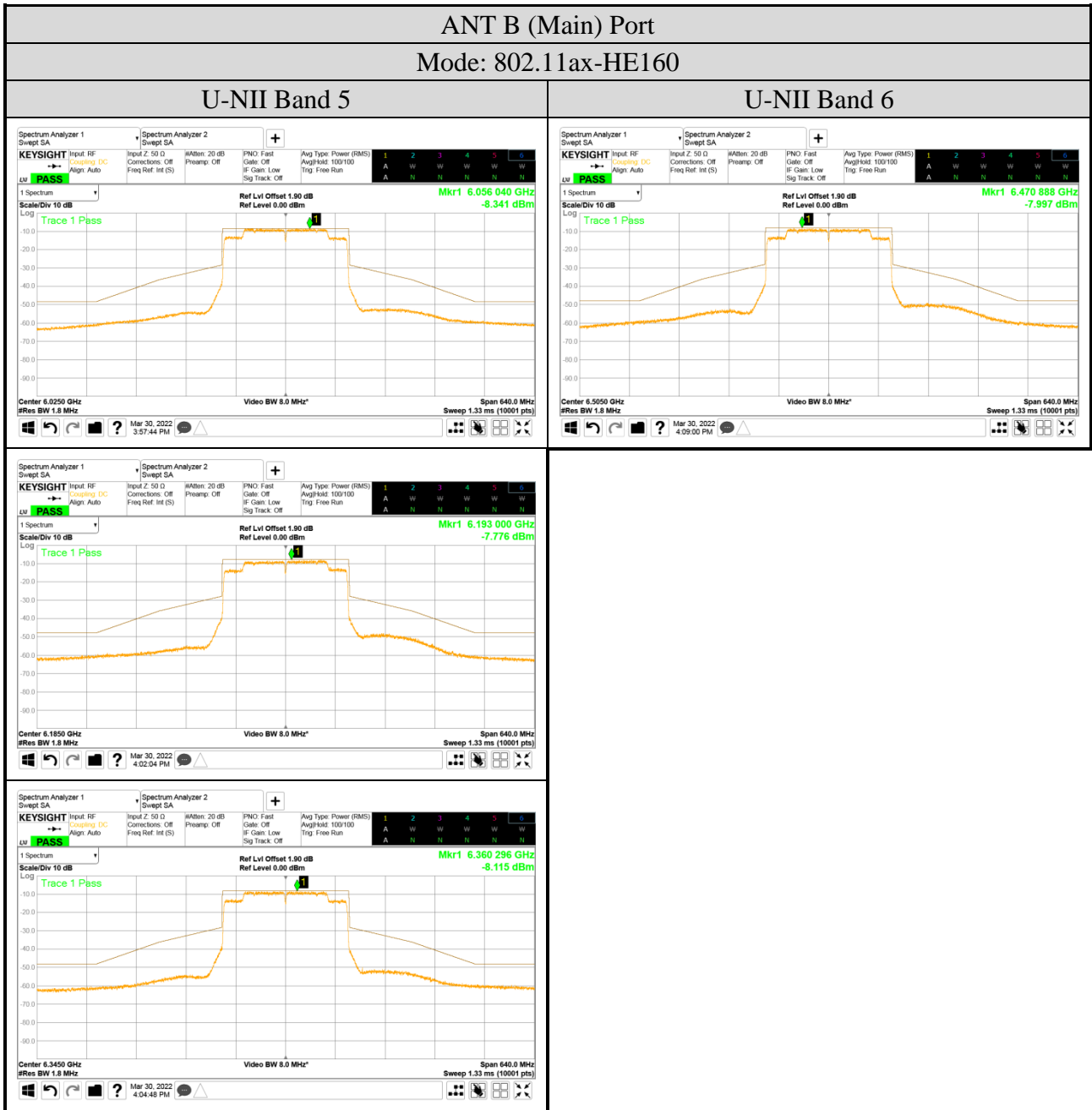


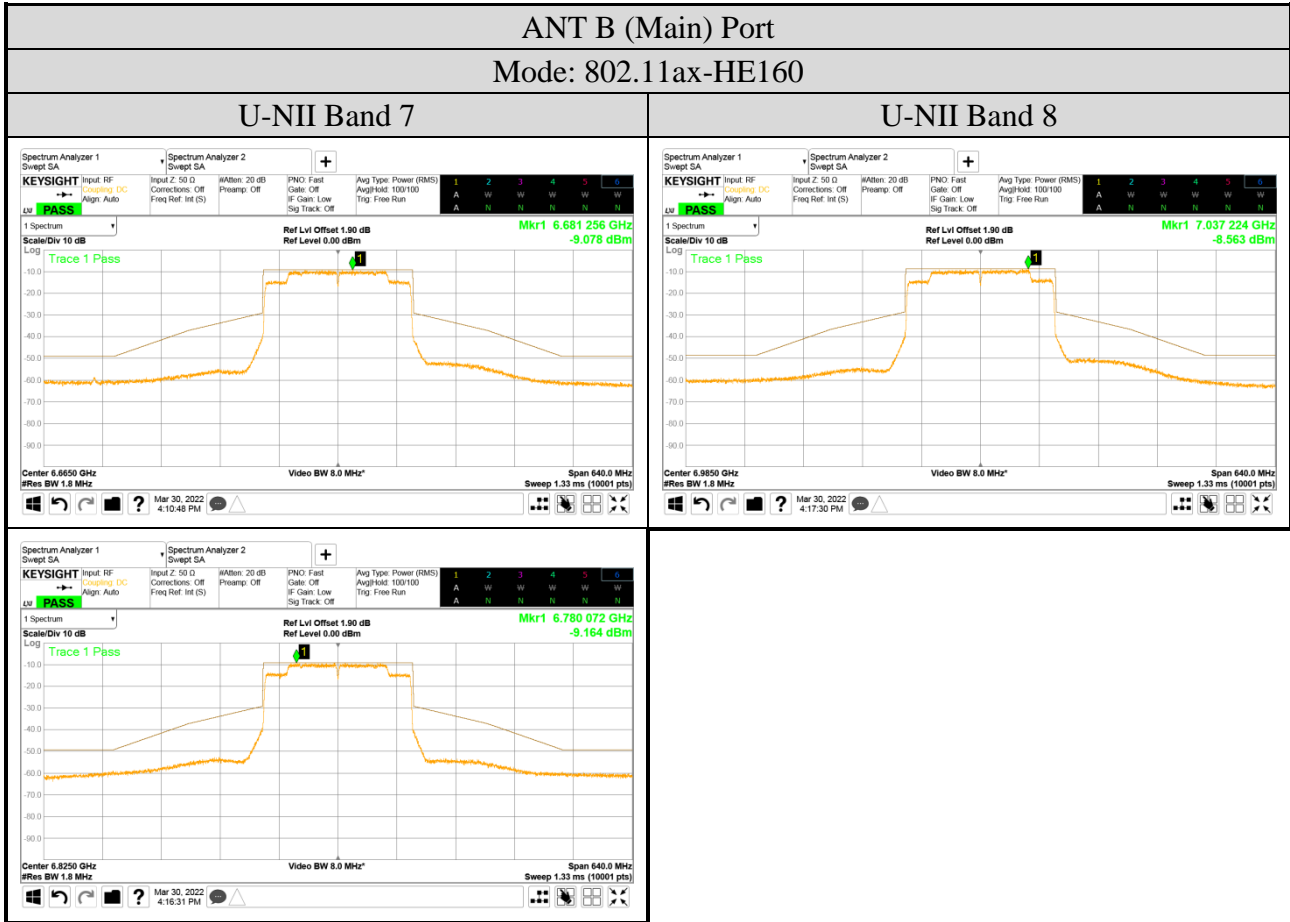












● OFDMA Modulation

ANT A (AUX) Port	
<p>Tones: 26T</p> <p>802.11ax-HE20, RU Index: 4</p> <p>Centre Frequency: 5955MHz</p>	<p>Tones: 242T</p> <p>802.11ax-HE160, RU Index: 62</p> <p>Centre Frequency: 6185MHz</p>
<p>Tones: 52T</p> <p>802.11ax-HE80, RU Index: 44</p> <p>Centre Frequency: 5985MHz</p>	<p>Tones: 484T</p> <p>802.11ax-HE160, RU Index: S66</p> <p>Centre Frequency: 6185MHz</p>
<p>Tones: 106T</p> <p>802.11ax-HE20, RU Index: 53</p> <p>Centre Frequency: 5955MHz</p>	<p>Tones: 996T</p> <p>802.11ax-HE80, RU Index: 67</p> <p>Centre Frequency: 5985MHz</p>

ANT B (Main) Port	
Tones: 26T	Tones: 242T
802.11ax-HE20, RU Index: 4	802.11ax-HE160, RU Index: 62
Centre Frequency: 5955MHz	Centre Frequency: 6185MHz
Tones: 52T	Tones: 484T
802.11ax-HE80, RU Index: 44	802.11ax-HE160, RU Index: S66
Centre Frequency: 5985MHz	Centre Frequency: 6185MHz
Tones: 106T	Tones: 996T
802.11ax-HE20, RU Index: 53	802.11ax-HE80, RU Index: 67
Centre Frequency: 5955MHz	Centre Frequency: 5985MHz

A.8 CONTENTION BASED PROTOCOL

Test Date	2022/02/22 ~ 03/30	Temp./Hum.	17~ 23°C/64 ~ 72%
Cable Loss	N/A	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.8.1 Contention-based Protocol

- Contention-based Protocol Threshold Incumbent Signal & Detected Level

The EUT has support two antennas (INPQ and LUXSHARE-ICT), we select the smallest antenna gain to measure.

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	Detected Level (dBm)	Threshold Incumbent Signal (dB)
802.11ax-HE20	5	6135	6135	-69.9	-62
			6455	-72.2	-62
			6695	-76.2	-62
			7015	-70	-62
802.11ax-HE160	5	6185	6110	-71.4	-62
			6185	-72.4	-62
			6260	-72.4	-62
	6	6505	6430	-78.7	-62
			6505	-67.7	-62
			6580	-75.7	-62
	7	6665	6590	-74.2	-62
			6665	-71.2	-62
			6740	-72.7	-62
	8	6985	6910	-73.5	-62
			6985	-69	-62
			7060	-76.5	-62

Note: Threshold incumbent signal is referenced to a 0 dBi antenna gain.

Detected level is EUT detect incumbent signal with minimum level.

● Summary table

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)	
802.11ax-HE20	5	6135	6135	1	1	1	1	1	1	1	1	1	1	100	90	
	6	6455	6455	1	1	1	1	1	1	1	1	1	1	100	90	
	7	6695	6695	1	1	1	1	1	1	1	1	1	1	100	90	
	8	7015	7015	1	1	1	1	1	1	1	1	1	1	100	90	
802.11ax-HE160	5	6185	6110	1	1	1	1	1	1	1	1	1	1	100	90	
			6185	1	1	1	1	1	1	1	1	1	1	100	90	
			6260	1	1	1	1	1	1	1	1	1	1	100	90	
	6	6505	6430	1	1	1	1	1	1	1	1	1	1	1	100	90
			6505	1	1	1	1	1	1	1	1	1	1	1	100	90
			6580	1	1	1	1	1	1	1	1	1	1	1	100	90
	7	6665	6590	1	1	1	1	1	1	1	1	1	1	1	100	90
			6665	1	1	1	1	1	1	1	1	1	1	1	100	90
			6740	1	1	1	1	1	1	1	1	1	1	1	100	90
	8	6985	6910	1	1	1	1	1	1	1	1	1	1	1	100	90
			6985	1	1	1	1	1	1	1	1	1	1	1	100	90
			7060	1	1	1	1	1	1	1	1	1	1	1	100	90

Note: CBP Detection Trials (1= Detection, 0= No Detection)

A.8.2 Measurement Plots

