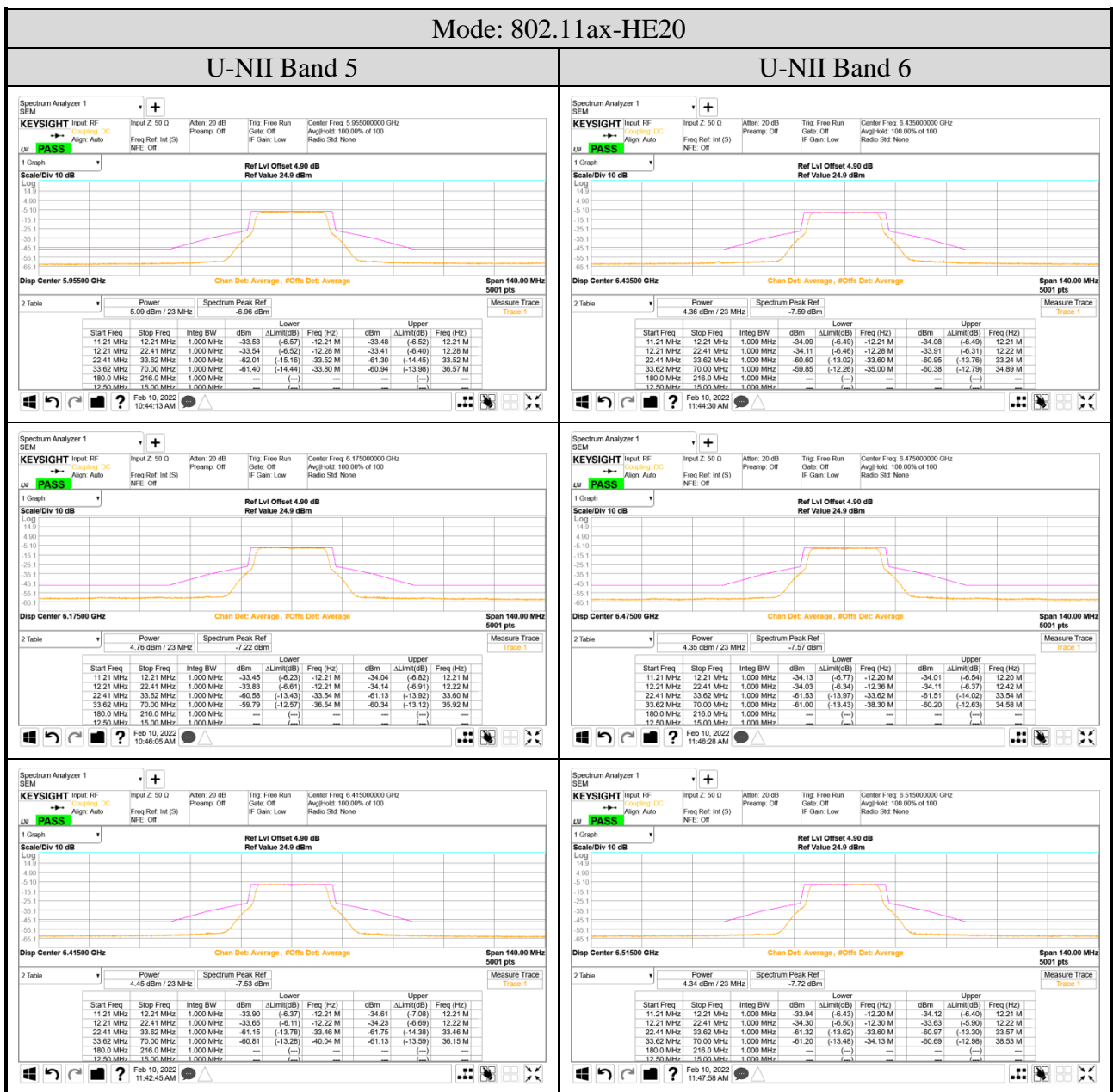
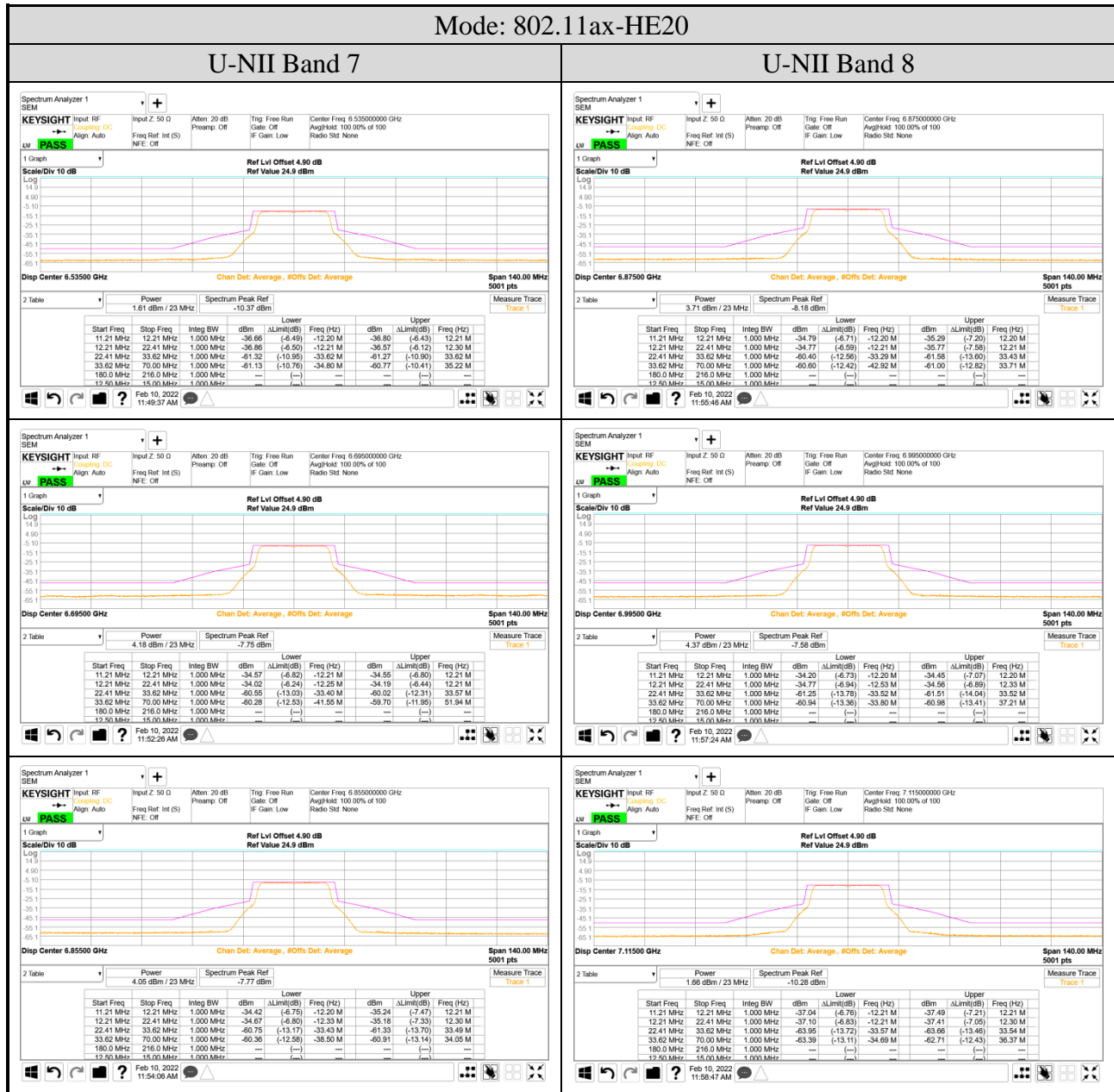


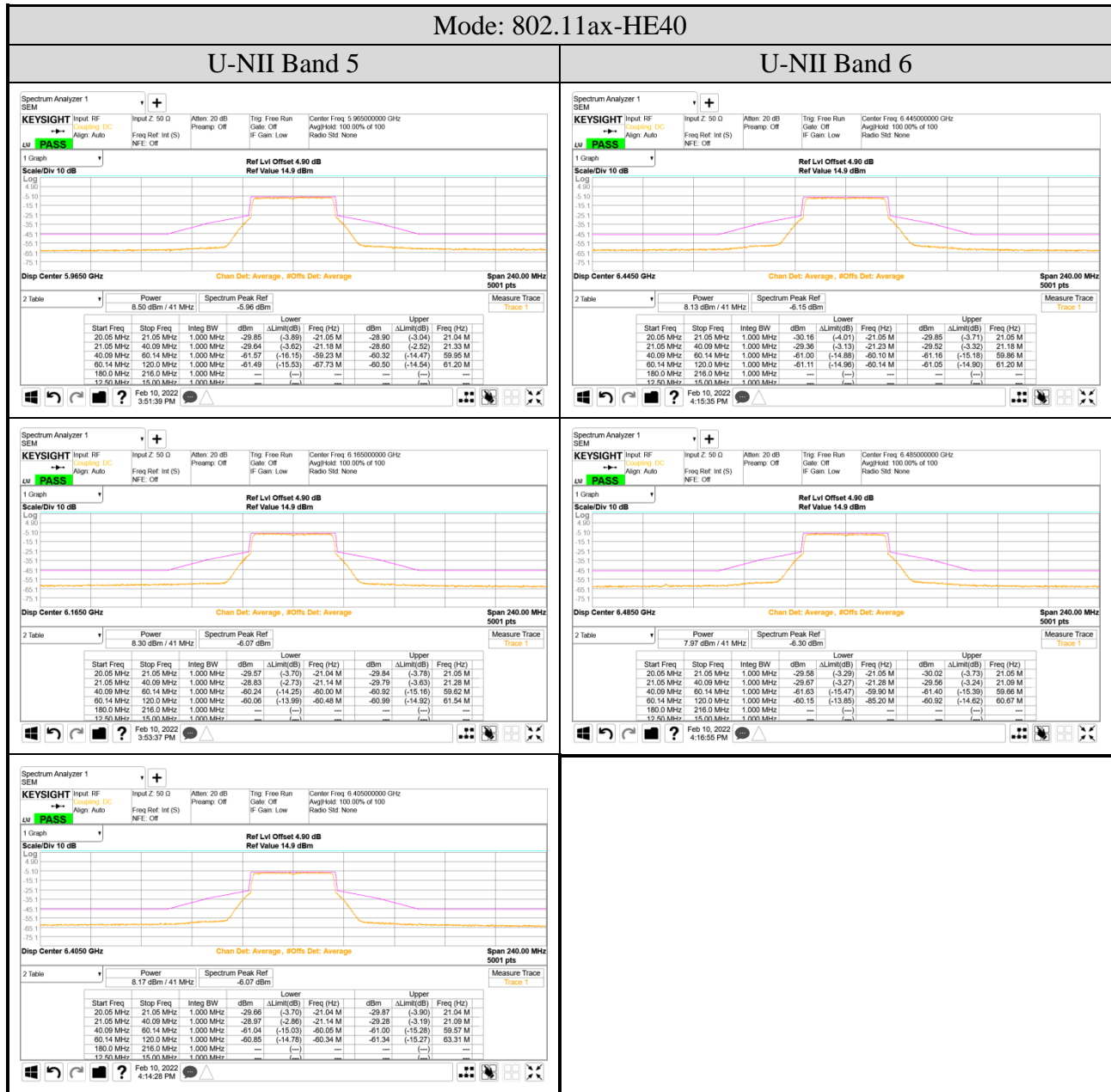
A.7 IN-BAND EMISSION (CHANNEL MASK)

Test Date	2022/01/05 ~ 02/10	Temp./Hum.	17 ~ 22°C/68 ~ 75%
Cable Loss	1.9dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		
Simultaneous Factor 10 log(n)(Note: "n" is antenna number)		802.11a: 0dB	802.11n/ac/ax: 3dB

● OFDM Modulation

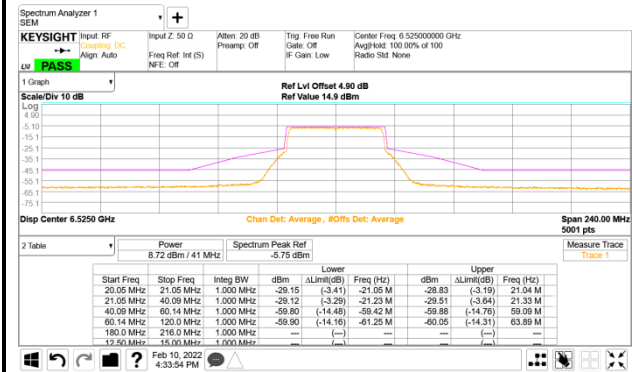




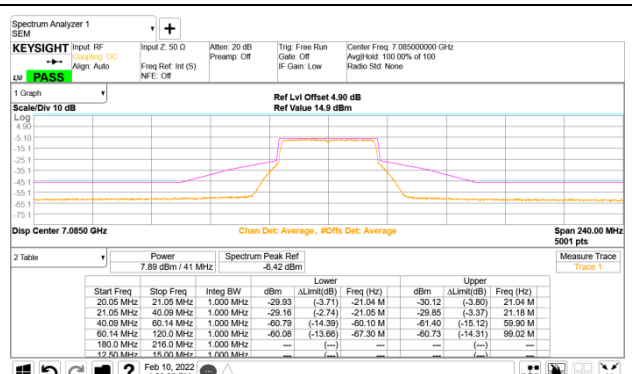
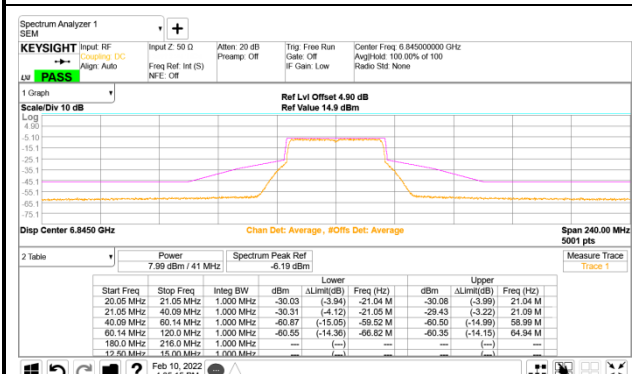
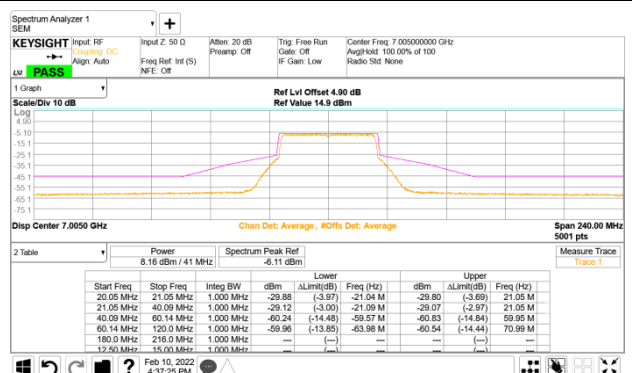
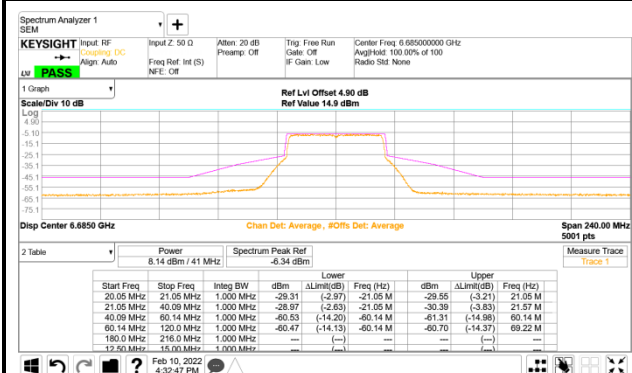
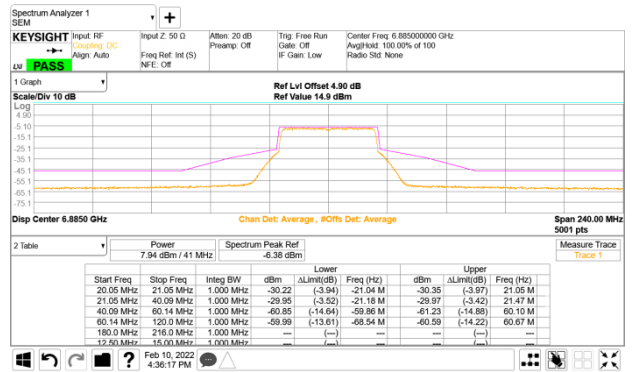


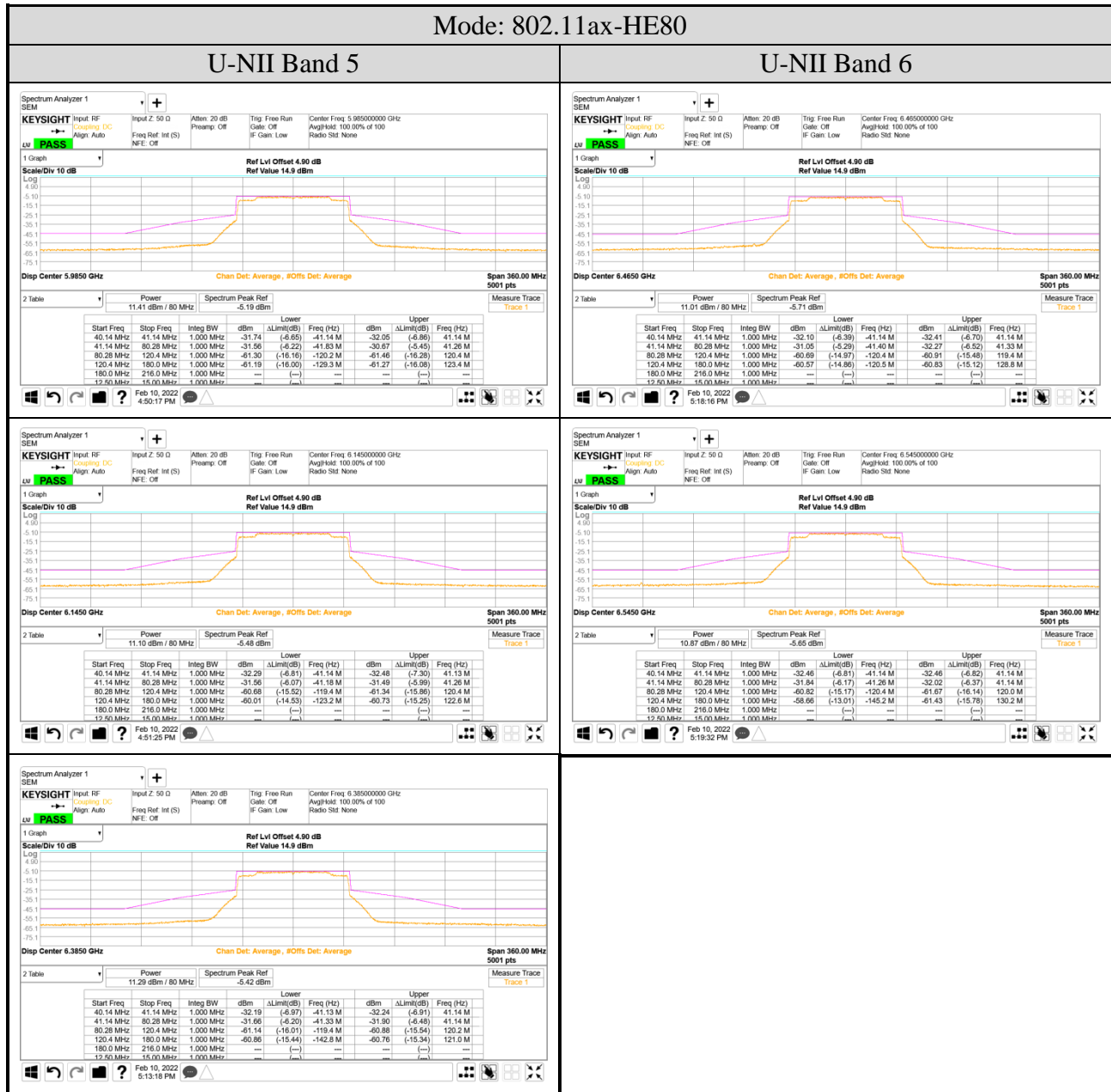
Mode: 802.11ax-HE40

U-NII Band 7



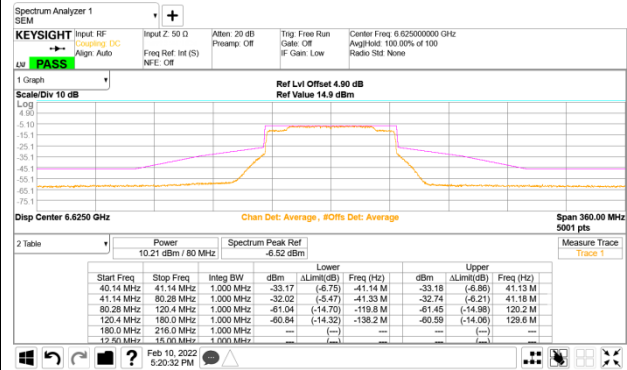
U-NII Band 8



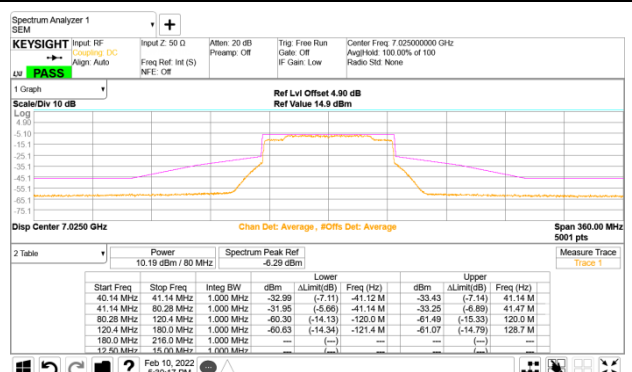
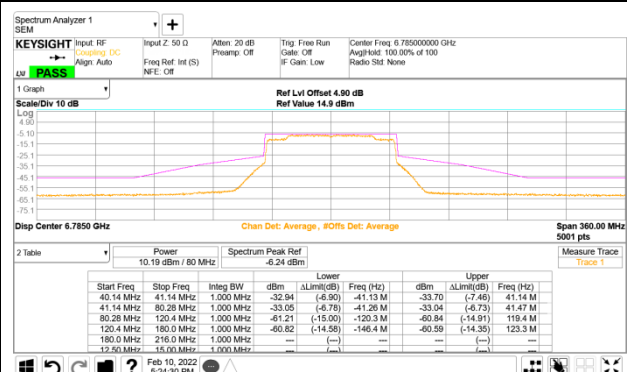
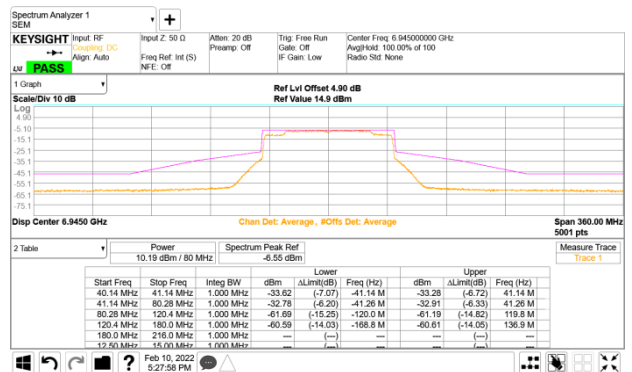
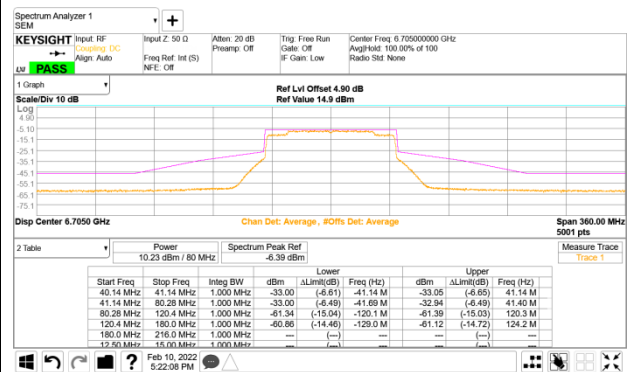
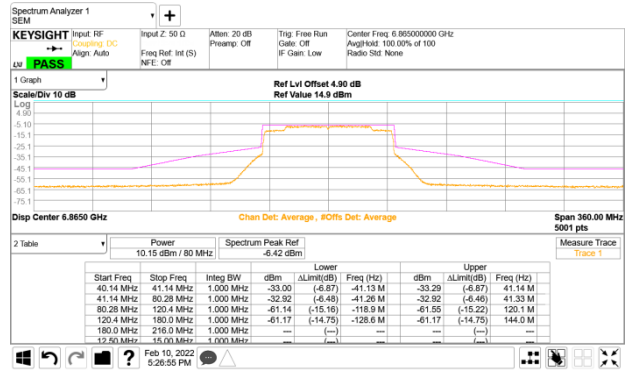


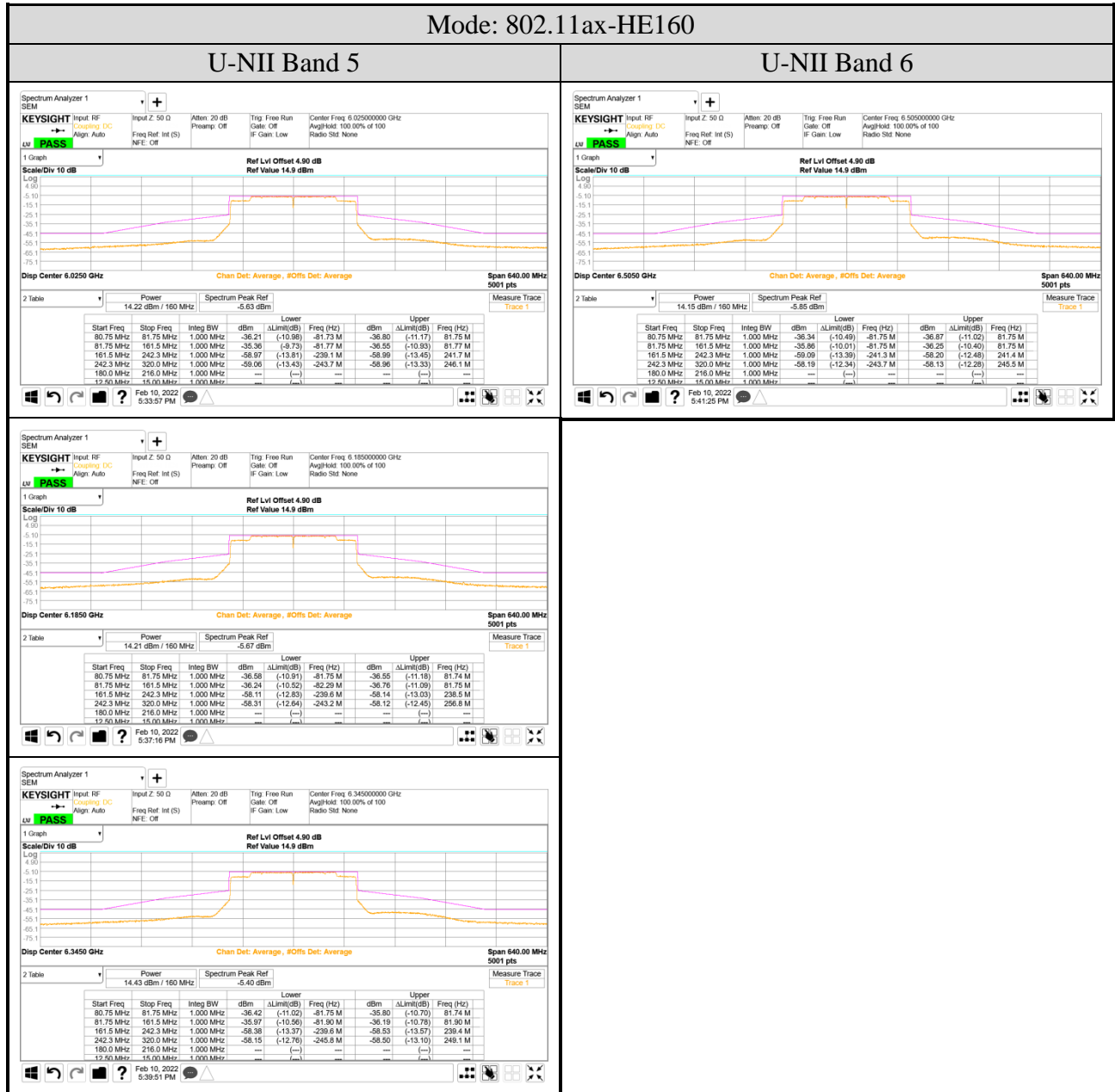
Mode: 802.11ax-HE80

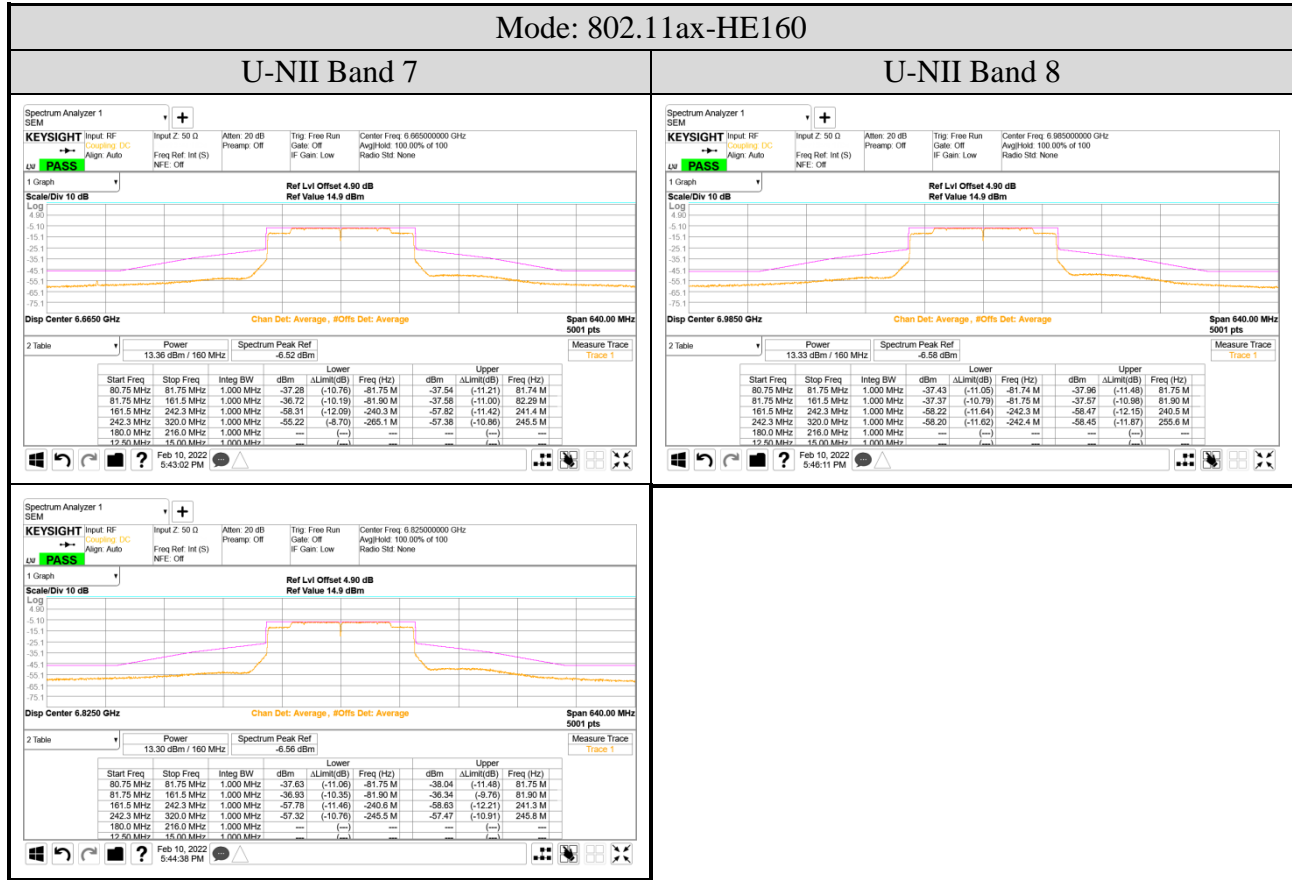
U-NII Band 7



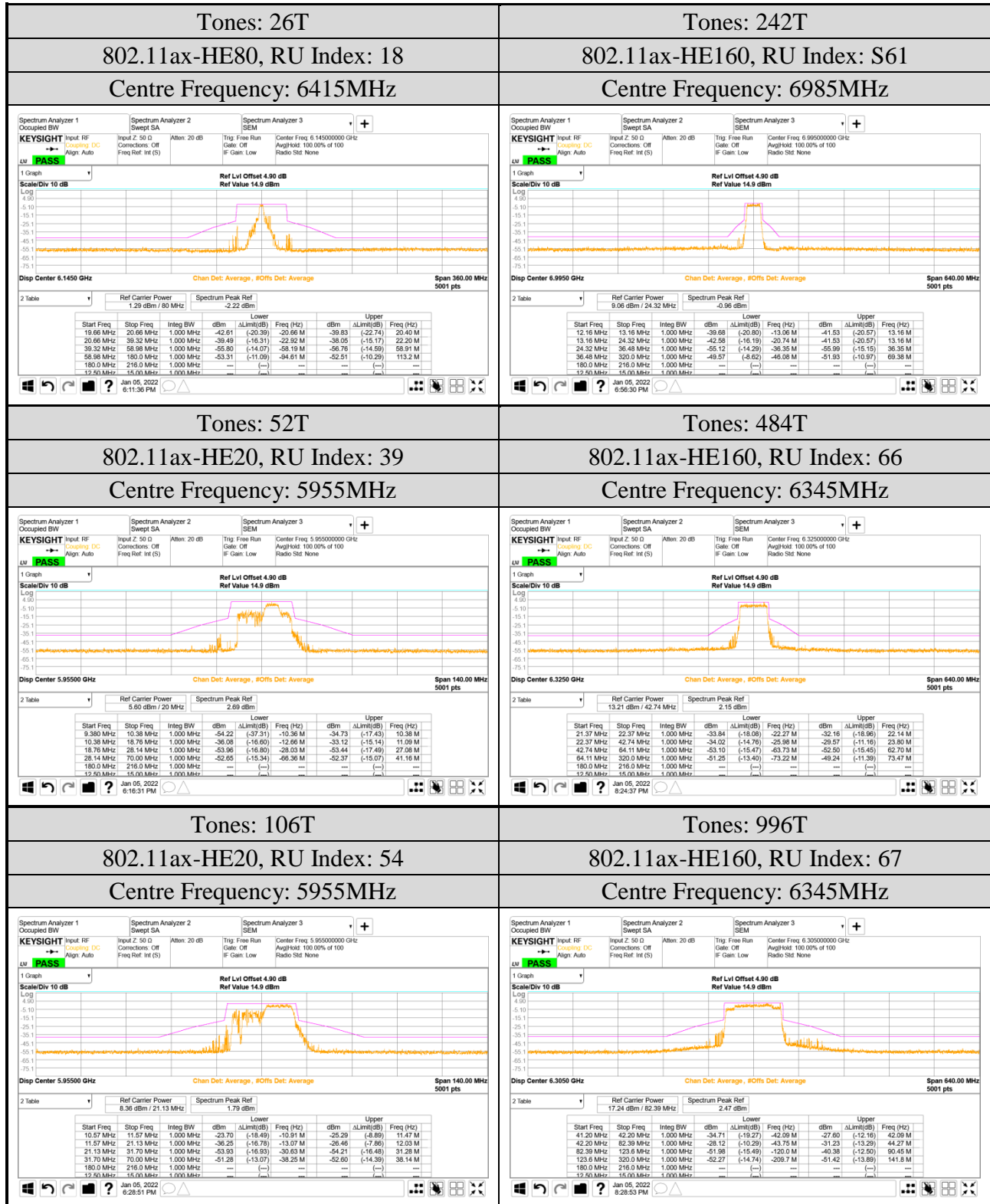
U-NII Band 8







● OFDMA Modulation



A.8 CONTENTION BASED PROTOCOL

Test Date	2022/01/13 ~ 19	Temp./Hum.	15 ~ 19°C/58 ~ 70%
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 minimum level

SKU#1 (with INPAQ Antenna)

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	Min. Detection Level (dBm)	Antenna Gain (dBi)	Detection Limit (dBm)	Modified Limit (dB)
802.11ax-HE20	5	6175	6175	-72.1	4.1	-62.0	-66.1
	6	6475	6475	-71.1	4.1	-62.0	-66.1
	7	6695	6695	-72.1	4.1	-62.0	-66.1
	8	6995	6995	-71.1	4.1	-62.0	-66.1
802.11ax-HE160	5	6185	6110	-70.1	4.1	-62.0	-66.1
			6185	-71.1	4.1	-62.0	-66.1
			6260	-70.1	4.1	-62.0	-66.1
	6	6505	6430	-72.1	4.1	-62.0	-66.1
			6505	-70.1	4.1	-62.0	-66.1
			6580	-70.1	4.1	-62.0	-66.1
	7	6665	6590	-71.1	4.1	-62.0	-66.1
			6665	-70.1	4.1	-62.0	-66.1
			6740	-72.1	4.1	-62.0	-66.1
	8	6985	6910	-71.2	4.2	-62.0	-66.2
			6985	-70.2	4.2	-62.0	-66.2
			7060	-70.2	4.2	-62.0	-66.2

Note: Modified Limit = -62.0dBm- antenna gain

SKU#2 (with LUXSHARE-ICT Antenna)

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	Min. Detection Level (dBm)	Antenna Gain (dBi)	Detection Limit (dBm)	Modified Limit (dB)
802.11ax-HE20	5	6175	6175	-71.2	4.7	-62.0	-66.7
	6	6475	6475	-72.2	4.7	-62.0	-66.7
	7	6695	6695	-72.4	3.4	-62.0	-65.4
	8	6995	6995	-72.9	3.4	-62.0	-65.4
802.11ax-HE160	5	6185	6110	-70.7	4.7	-62.0	-66.7
			6185	-72.7	4.7	-62.0	-66.7
			6260	-70.7	4.7	-62.0	-66.7
	6	6505	6430	-71.7	4.7	-62.0	-66.7
			6505	-70.7	4.7	-62.0	-66.7
			6580	-70.7	4.7	-62.0	-66.7
	7	6665	6590	-70.4	3.4	-62.0	-65.4
			6665	-71.4	3.4	-62.0	-65.4
			6740	-71.4	3.4	-62.0	-65.4
	8	6985	6910	-70.4	-1.6	-62.0	-60.4
			6985	-70.4	-1.6	-62.0	-60.4
			7060	-71.4	-1.6	-62.0	-60.4

Note: Modified Limit = -62.0dBm- antenna gain

● Summary table

SKU#1 (with INPAQ Antenna)

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rage (%)	Limit (%)	
802.11ax-HE20	5	6175	6175	1	1	1	1	1	1	1	1	1	1	100	90	
	6	6475	6475	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	6995	6995	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	1	100	90
			6260	1	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

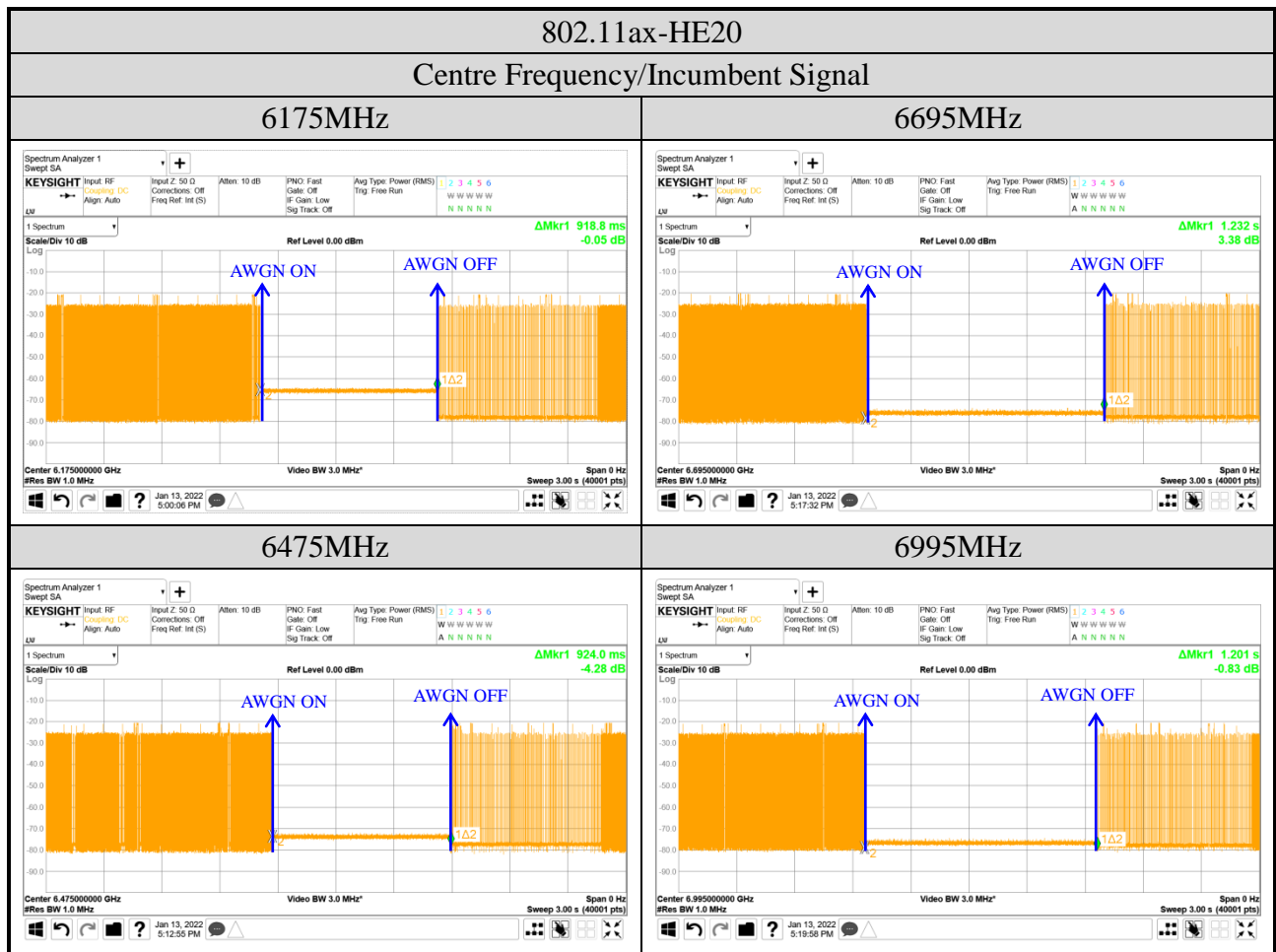
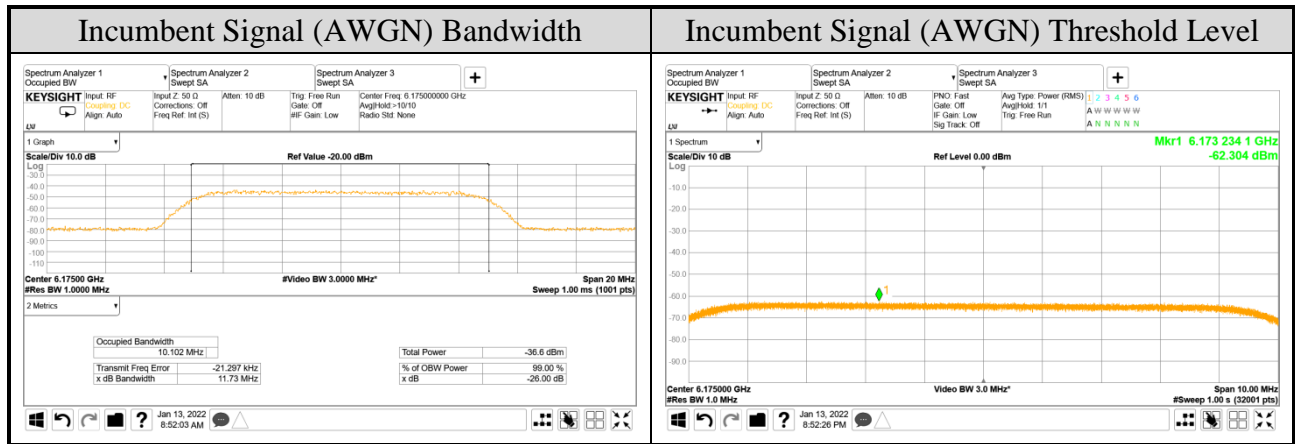
Note: CBP Detection Trials (1= Detection, 0= No Detection)

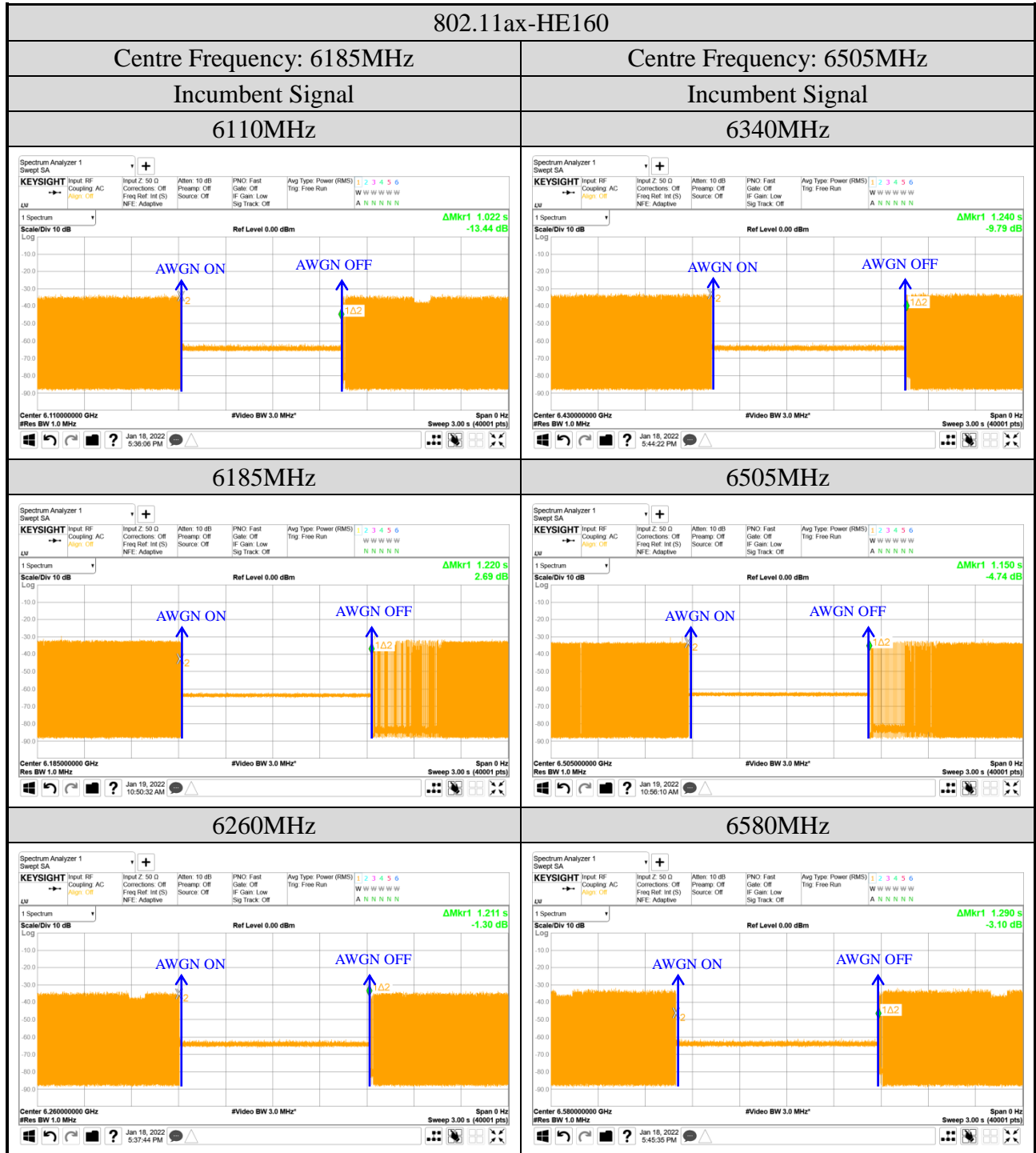
SKU#2 (with LUXSHARE-ICT Antenna)

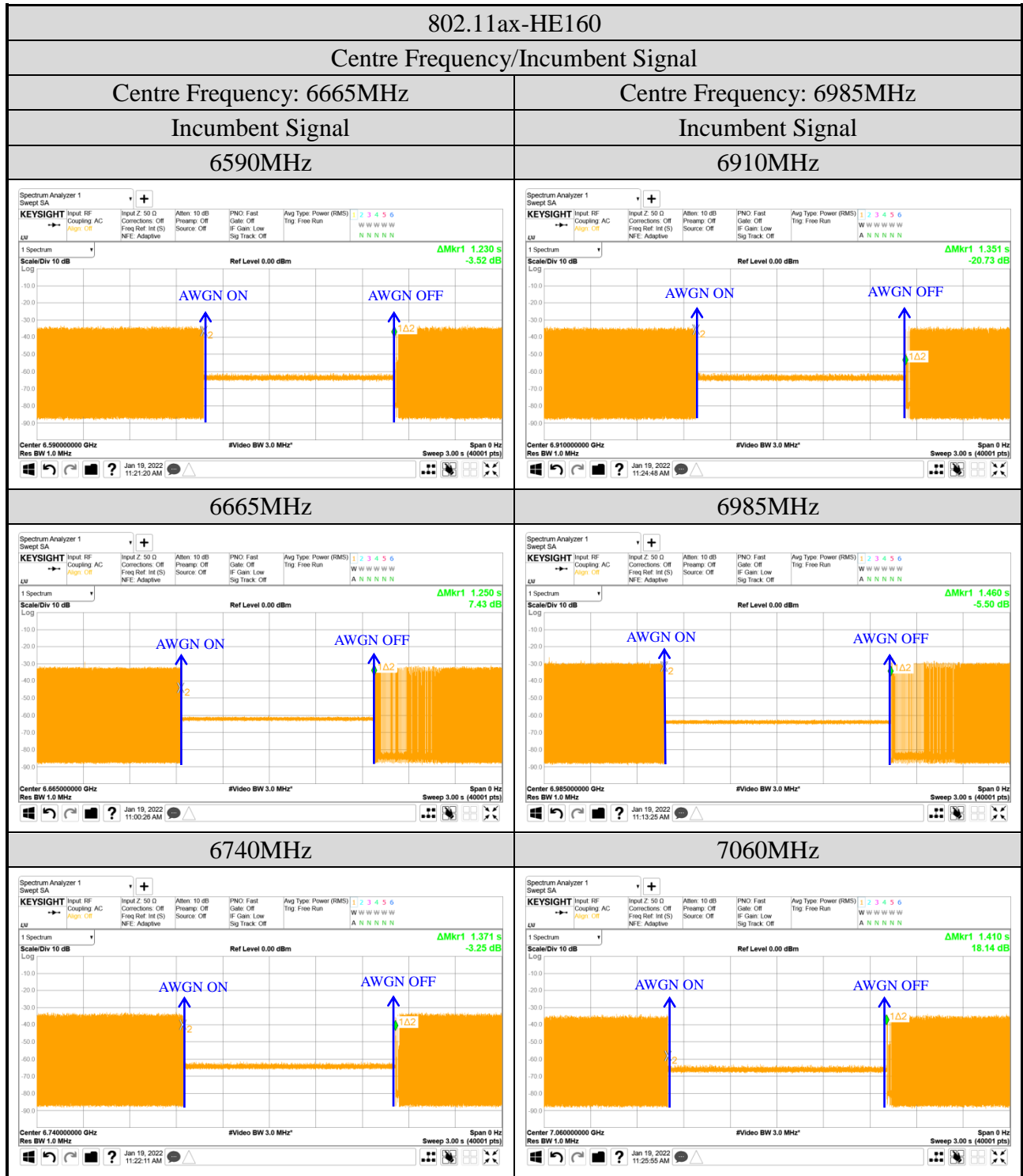
Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Range (%)	Limit (%)	
802.11ax-HE20	5	6175	6175	1	1	1	1	1	1	1	1	1	1	100	90	
	6	6475	6475	1	1	1	1	1	1	1	1	1	1	100	90	
	7	6695	6695	1	1	1	1	1	1	1	1	1	1	100	90	
	8	6995	6995	1	1	1	1	1	1	1	1	1	1	100	90	
802.11ax-HE160	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	100	90	
			6580	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	100	90	
			6740	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	100	90	
			7060	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









*Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan*

*Tel: +886 2 26099301
Fax: +886 2 26099303*

APPDNDIX B

TEST PHOTOGRAPHS

(Model: 16Z90Q)