

A.3 EMISSION/OCCUPIED BANDWIDTH

Test Date	2022/03/21 ~ 22	Temp./Hum.	22 ~ 23°C / 62 ~ 66%
Cable Loss	1.0dB	Tested By	Hua Wu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 Emission/Occupied Bandwidth Result

Mode	U-NII Band	Centre Frequency (MHz)	Emission (26dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	1	5180	22.73	16.587	Reference only
		5200	21.23	16.437	
		5240	21.67	16.455	
	2A	5260	21.73	16.445	
		5300	22.25	16.452	
		5320	21.87	16.470	
	2C	5500	22.39	16.499	
		5580	21.23	16.440	
		5700	21.39	16.439	
		5720	21.48	16.406	
802.11n-HT20	1	5180	21.80	17.672	Reference only
		5200	23.77	17.669	
		5240	22.35	17.715	
	2A	5260	23.14	17.672	
		5300	23.25	17.696	
		5320	21.77	17.655	
	2C	5500	22.75	17.667	
		5580	21.78	17.627	
		5700	22.76	17.680	
		5720	22.44	17.637	

Mode	U-NII Band	Centre Frequency (MHz)	Emission (26dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11n-HT40	1	5190	42.06	35.932	Reference only
		5230	41.09	35.988	
	2A	5270	41.57	36.005	
		5310	41.36	35.982	
	2C	5510	41.02	35.972	
		5550	40.57	35.989	
		5670	40.44	36.007	
		5710	41.43	35.993	
802.11ac-VHT80	1	5210	83.79	75.112	Reference only
	2A	5290	83.99	75.017	
	2C	5530	84.61	75.141	
		5610	83.76	75.131	
		5690	83.89	75.022	
802.11ac-VHT160	1	5250	161.80	153.52	Reference only
	2A				
	2C	5570	162.80	153.39	

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Mode	U-NII Band	Centre Frequency (MHz)	Emission (26dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	1	5180	23.26	18.891	Reference only
		5200	23.34	18.907	
		5240	21.99	18.897	
	2A	5260	22.80	18.903	
		5300	22.56	18.852	
		5320	22.21	18.825	
	2C	5500	22.19	18.855	
		5580	22.47	18.858	
		5700	21.70	18.870	
		5720	22.66	18.861	
802.11ax-HE40	1	5190	41.93	37.416	Reference only
		5230	40.65	37.540	
	2A	5270	41.12	37.555	
		5310	40.55	37.558	
	2C	5510	41.04	37.472	
		5550	41.25	37.439	
		5670	41.01	37.329	
		5710	41.55	37.470	
802.11ax-HE80	1	5210	80.67	76.669	Reference only
	2A	5290	81.23	76.633	
	2C	5530	81.49	76.778	
		5610	81.70	76.671	
		5690	81.71	76.469	
802.11ax-HE160	1	5250	161.70	154.81	Reference only
	2A				
	2C	5570	161.90	154.89	

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802.11ax-HE20	1	5180	26/0	20.30	18.563	Reference only
			52/37	20.53	18.442	
			106/53	21.36	18.117	
	2A	5320	26/8	20.16	18.196	
			52/40	21.46	18.212	
			106/54	22.63	18.166	
	2C	5500	26/0	20.37	18.568	
			52/37	21.06	18.250	
			106/53	22.34	18.323	
		5700	26/8	20.28	18.110	
			52/40	21.13	18.329	
			106/54	22.15	17.514	
802.11ax-HE40	1	5190	242/61	23.22	18.714	Reference only
	2A	5310	242/62	23.25	18.727	
	2C	5510	242/61	22.40	18.729	
		5670	242/62	22.67	18.652	
802.11ax-HE80	1	5210	484/65	41.24	37.271	Reference only
	2A	5290	484/66	40.82	37.376	
	2C	5530	484/65	41.61	37.323	
		5610	484/66	40.70	37.260	
802.11ax-HE160	1/2A	5250	996/67	83.21	77.217	
			996/S67	82.17	77.261	
	2C	5570	996/67	83.66	77.044	
			996/S67	83.89	77.038	

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Mode	U-NII Band	Centre Frequency (MHz)	Emission (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	3	5745	15.13	16.405	≥ 500kHz
		5785	15.13	16.380	
		5825	15.11	16.364	
802.11n-HT20	3	5745	17.58	17.625	
		5785	17.60	17.621	
		5825	13.15	17.612	
802.11n-HT40	3	5755	36.25	35.981	
		5795	33.38	36.008	
802.11ac-VHT80	3	5775	60.40	75.022	
802.11ax-HE20	3	5745	16.01	18.850	
		5785	17.99	18.907	
		5825	18.44	18.881	
802.11ax-HE40	3	5755	32.94	37.456	
		5795	36.02	37.444	
802.11ax-HE80	3	5775	60.04	76.475	

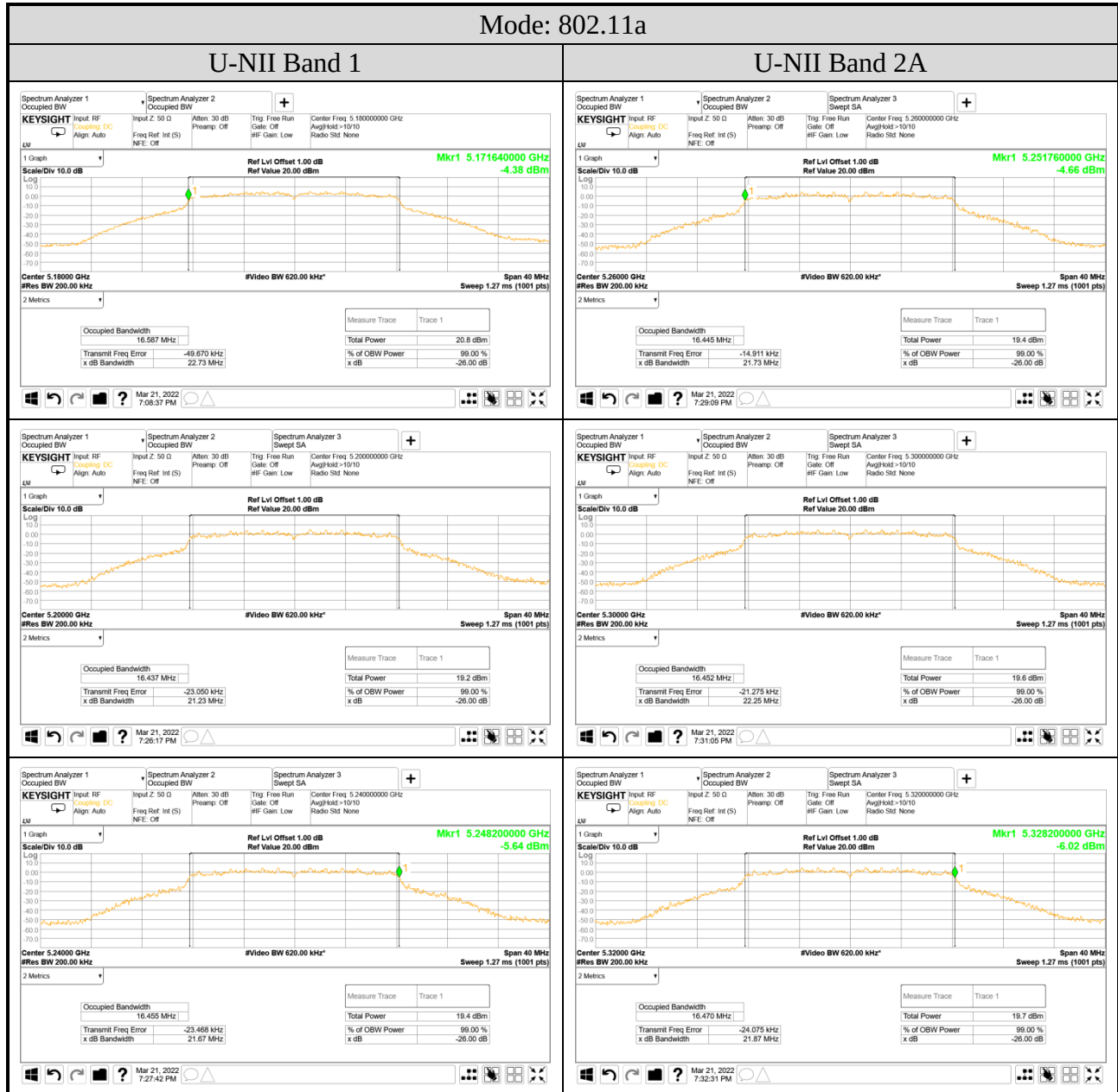
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802.11ax-HE20	3	5745	26/0	2.014	18.168	≥ 500kHz
			52/37	13.27	18.293	
			106/53	17.15	18.046	
	3	5825	26/8	14.51	18.349	
			52/40	17.04	18.166	
			106/54	17.12	18.082	
802.11ax-HE40	3	5755	242/61	17.22	18.634	
	3	5795	242/62	15.17	18.654	
802.11ax-HE80	3	5775	484/65	34.76	37.030	
			484/66	34.00	37.128	

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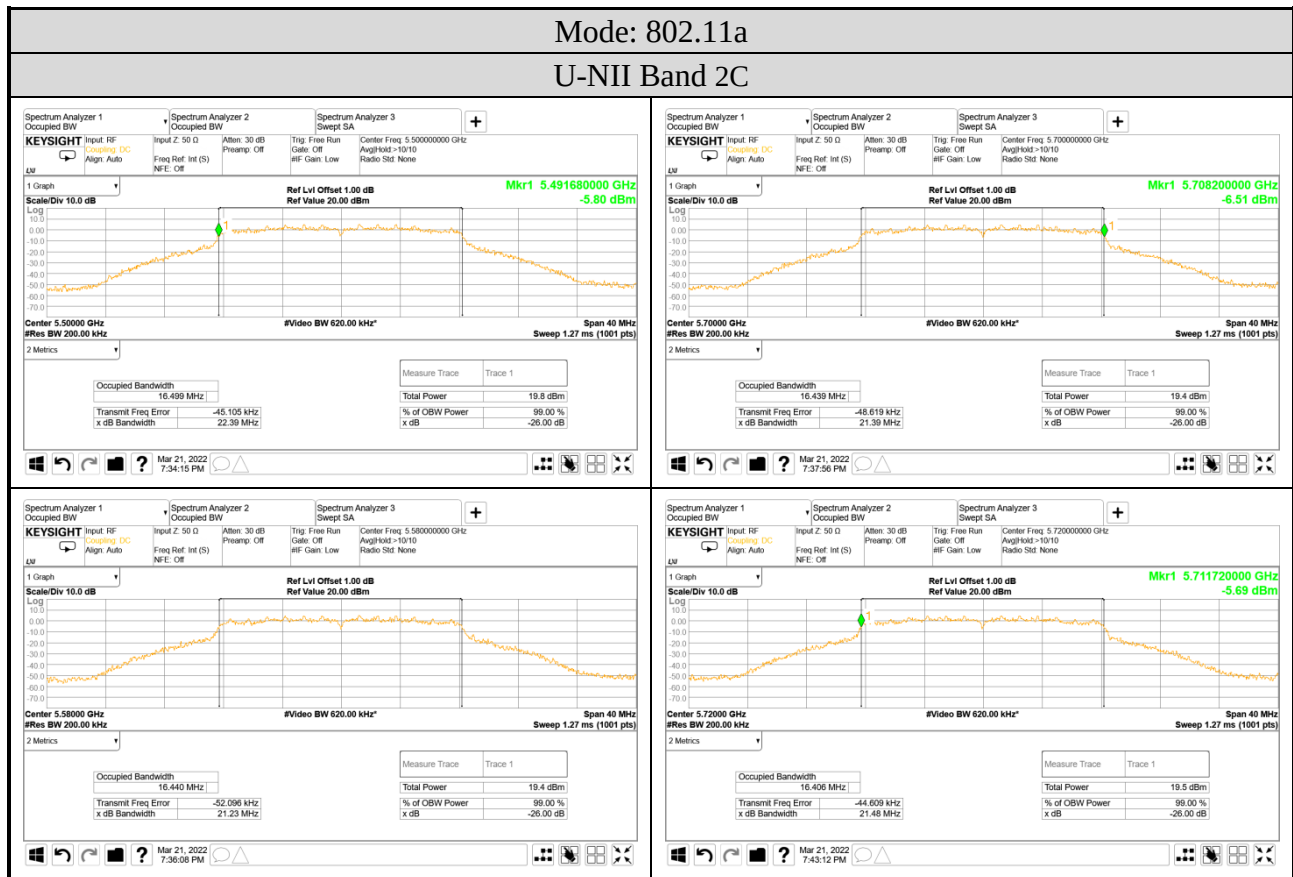
A.3.2 Measurement Plots

- Emission (26dB) Bandwidth



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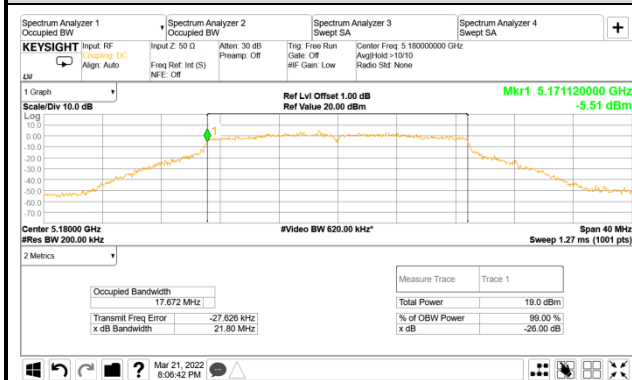


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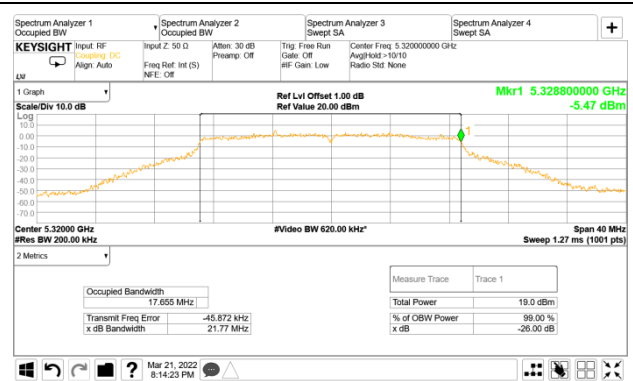
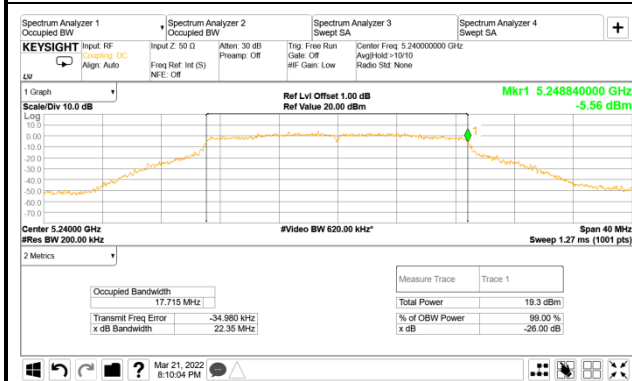
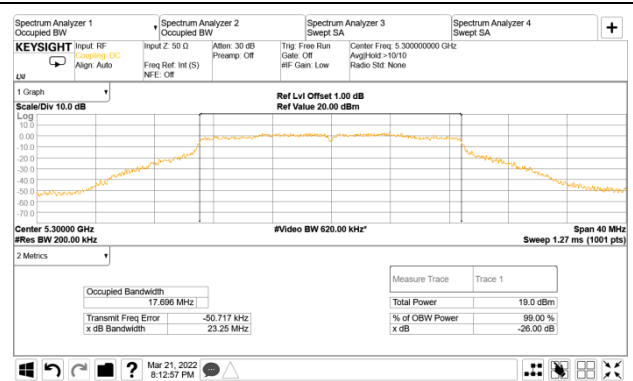
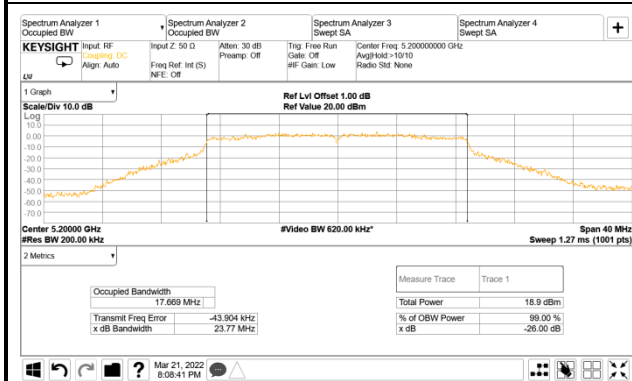
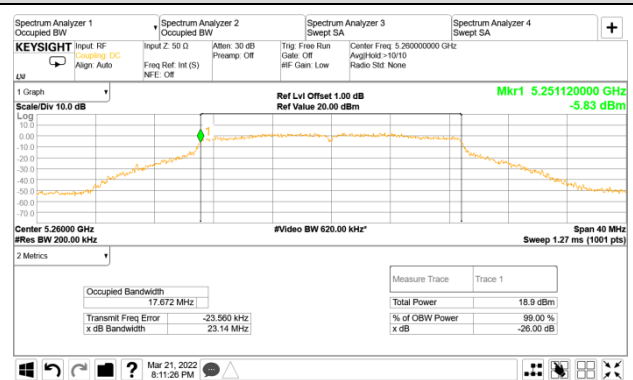
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Mode: 802.11n-HT20

U-NII Band I



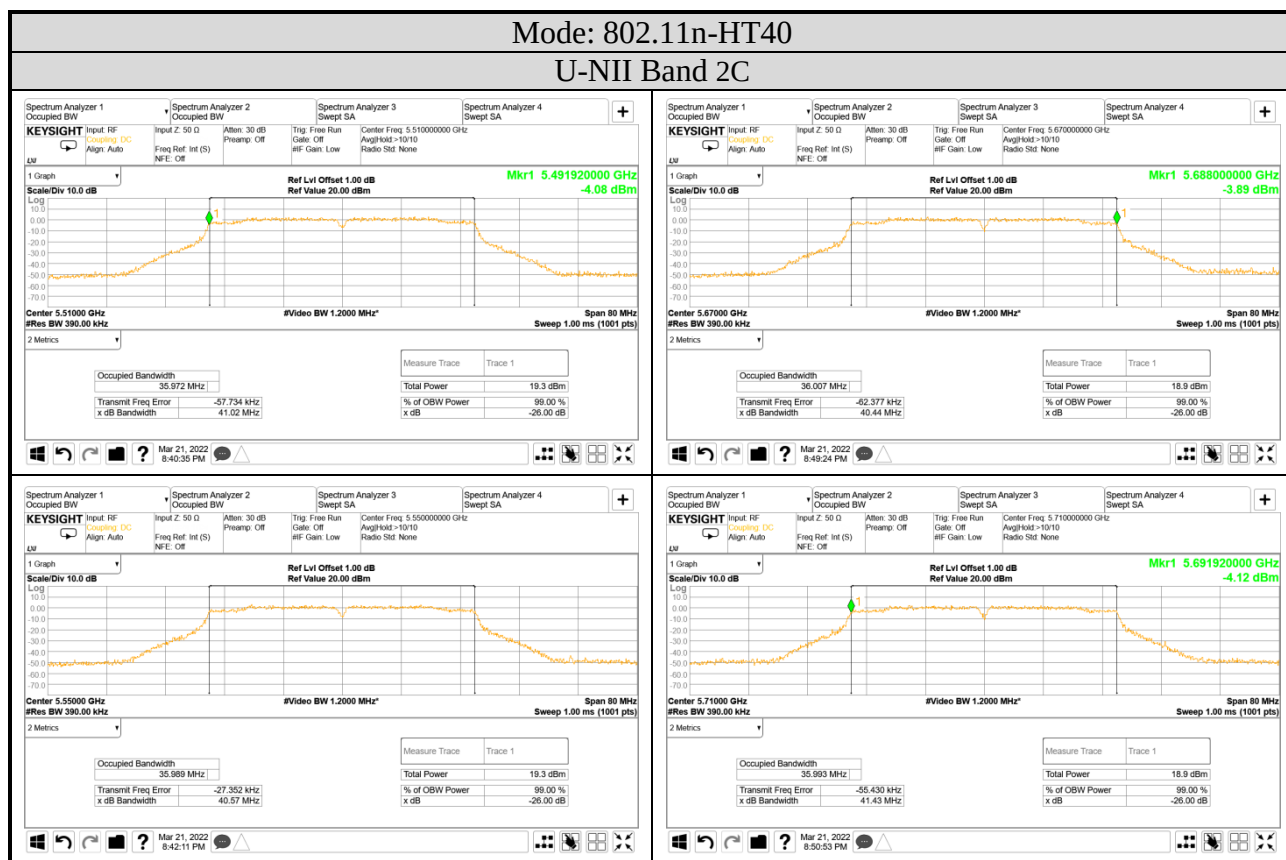
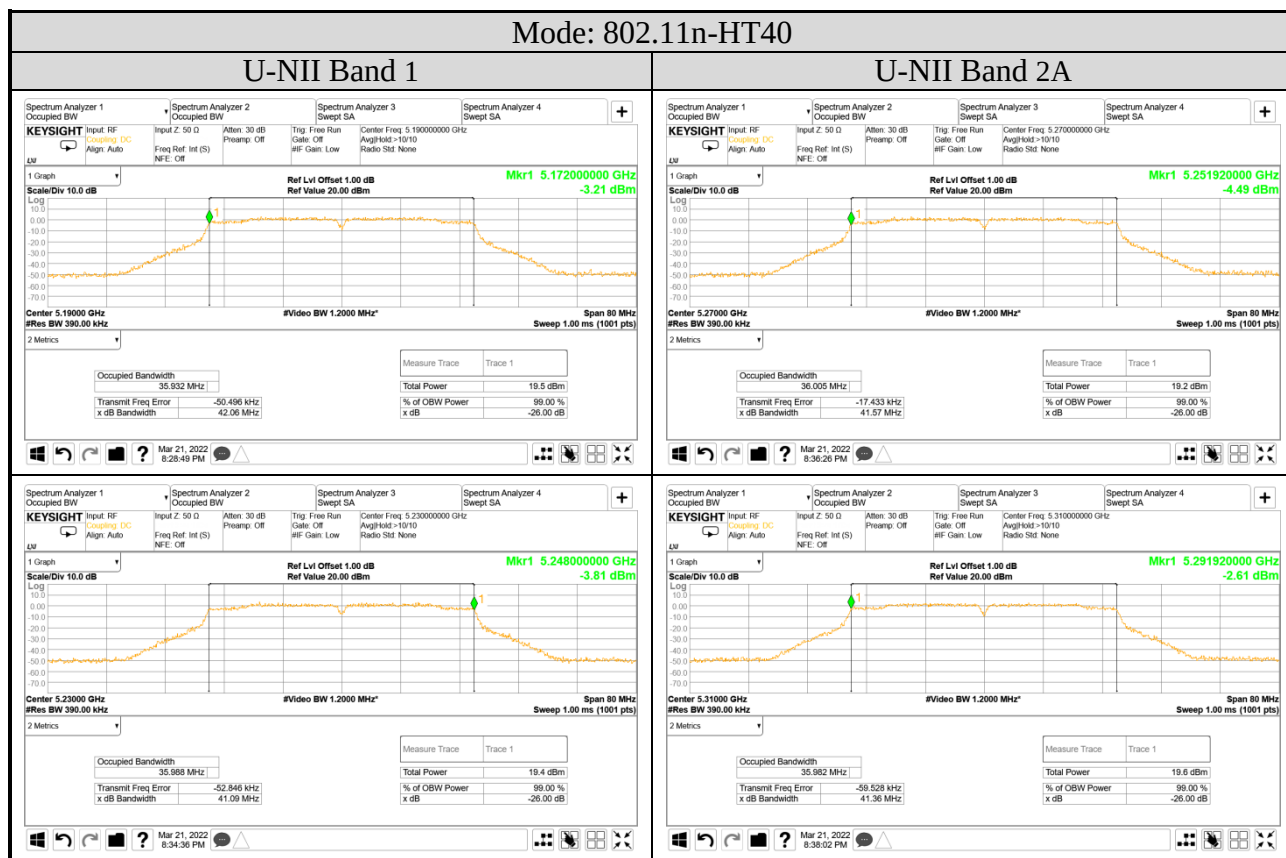
U-NII Band 2A



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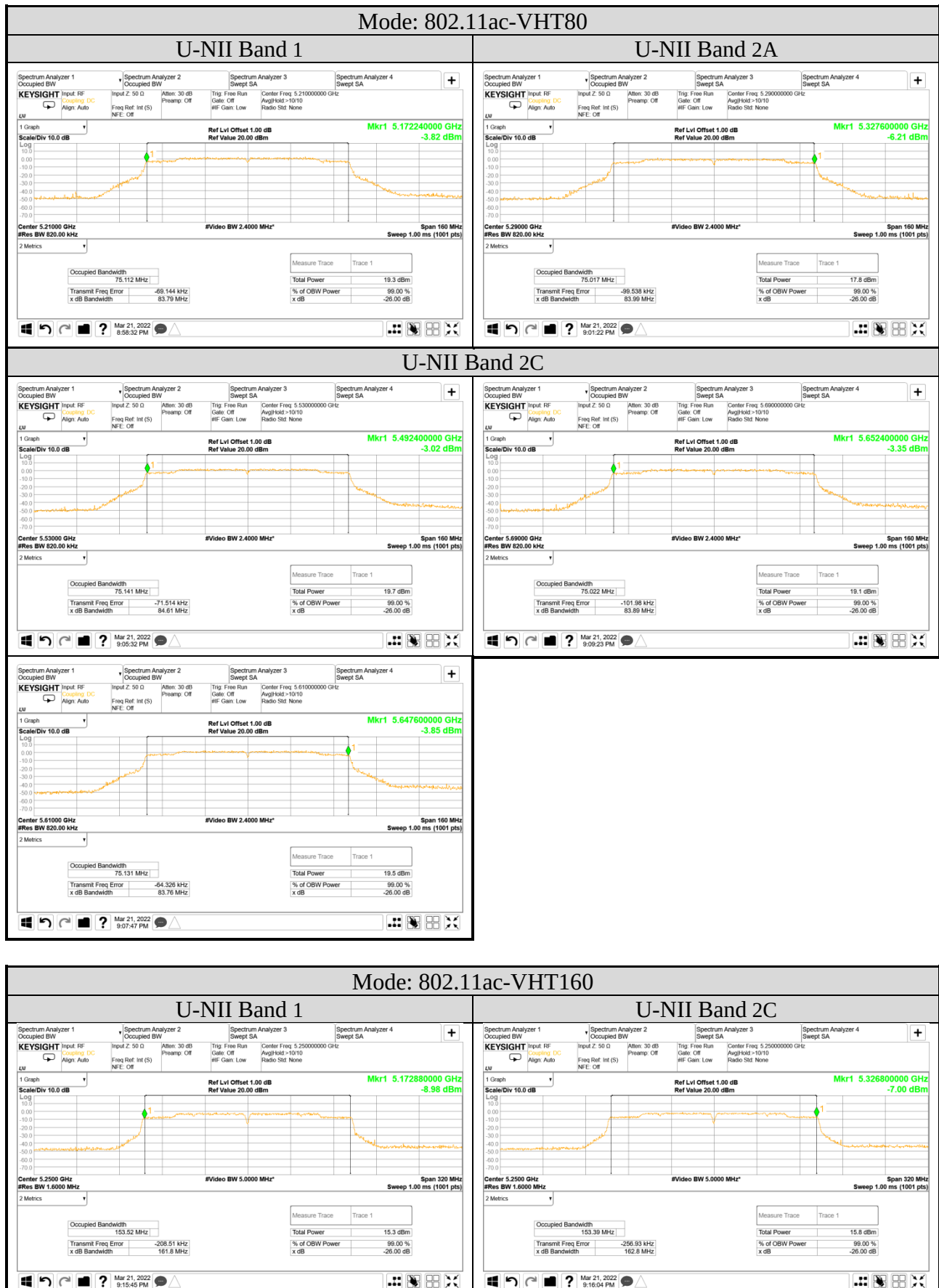
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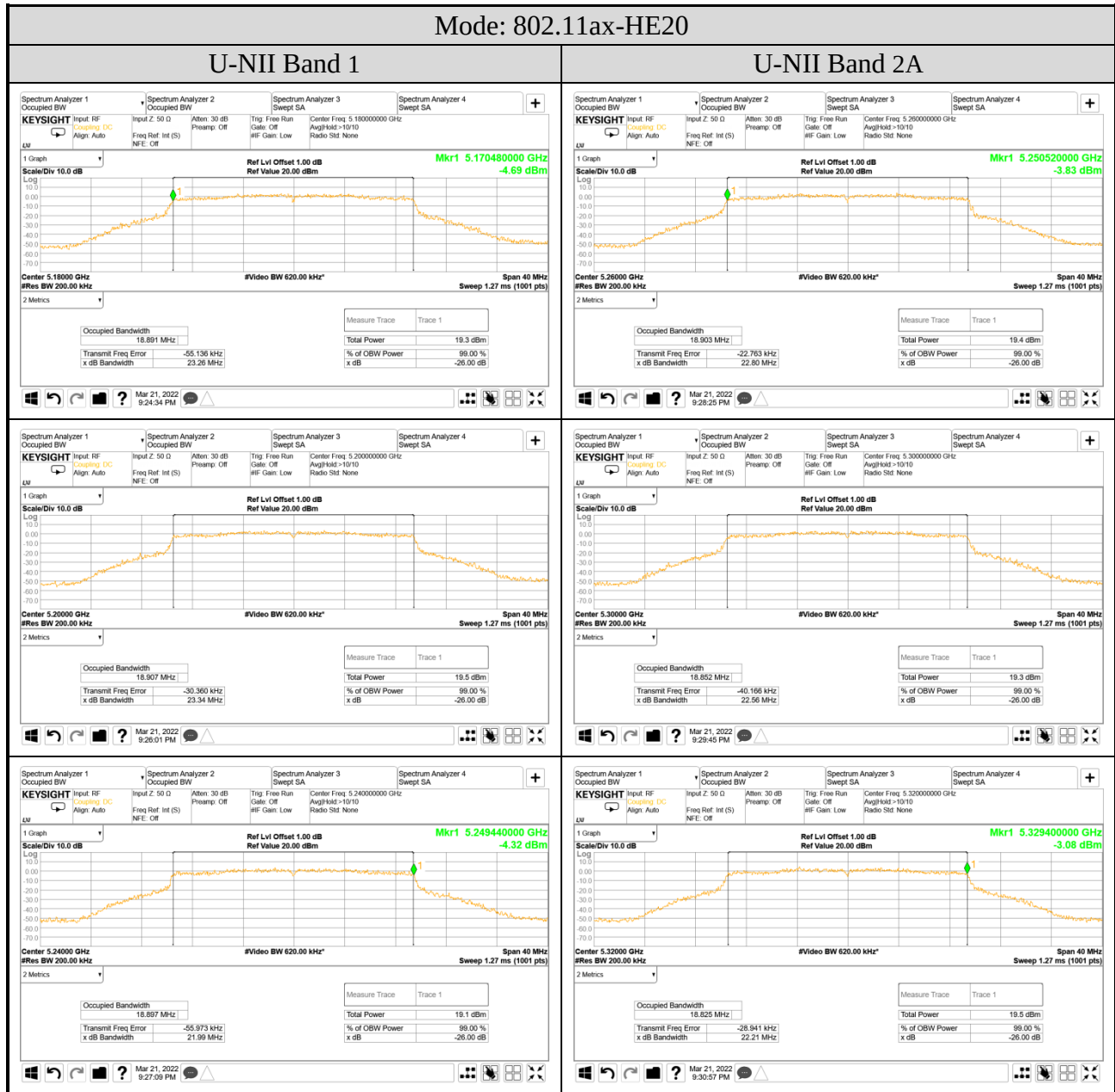
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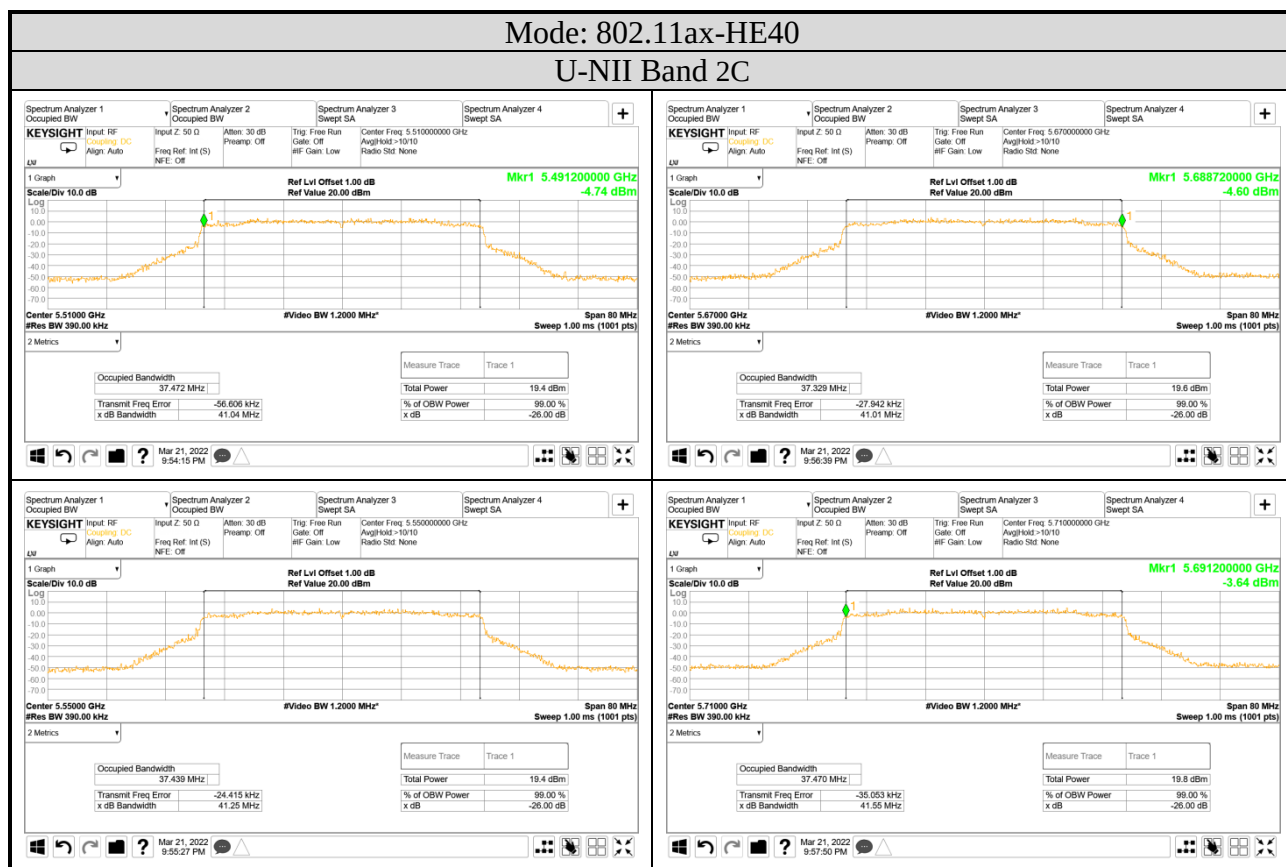
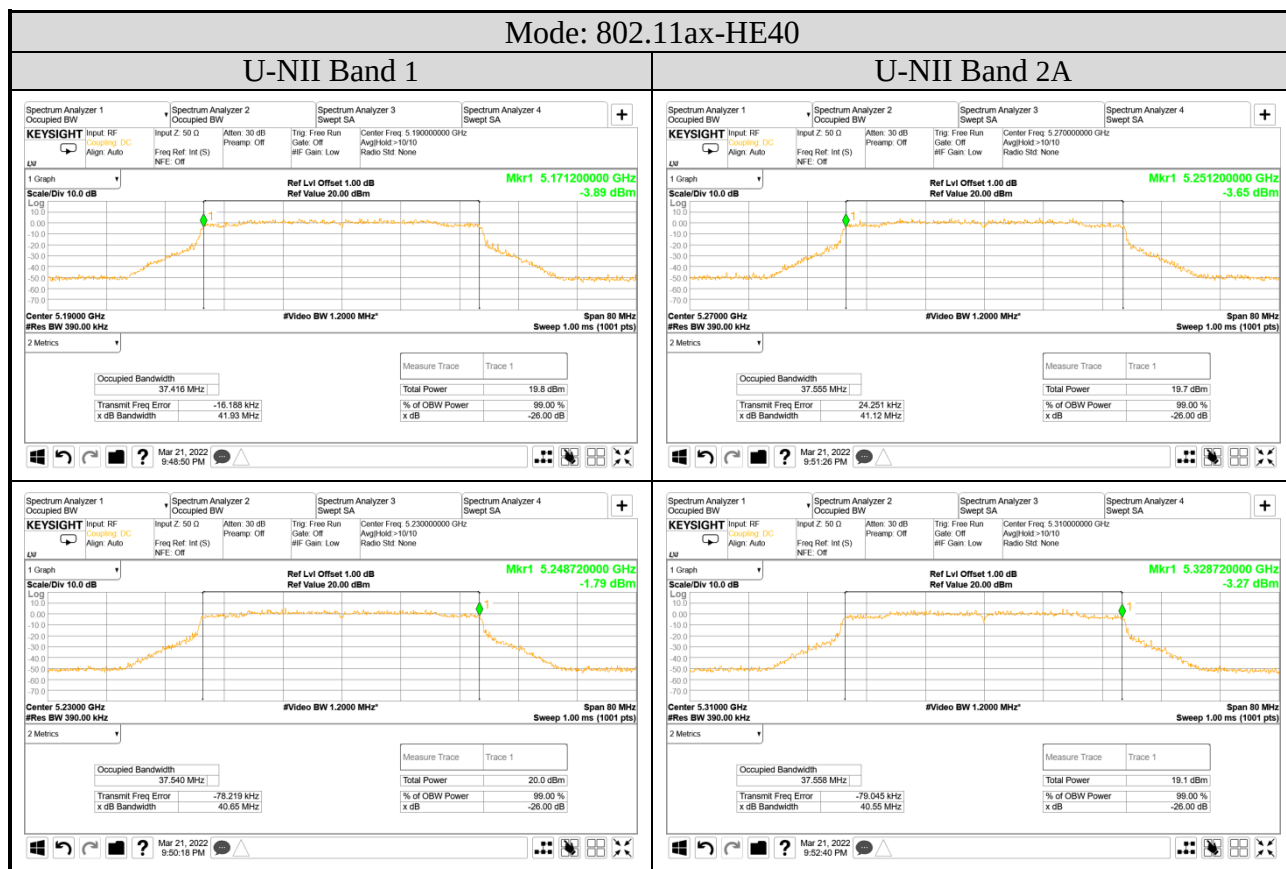
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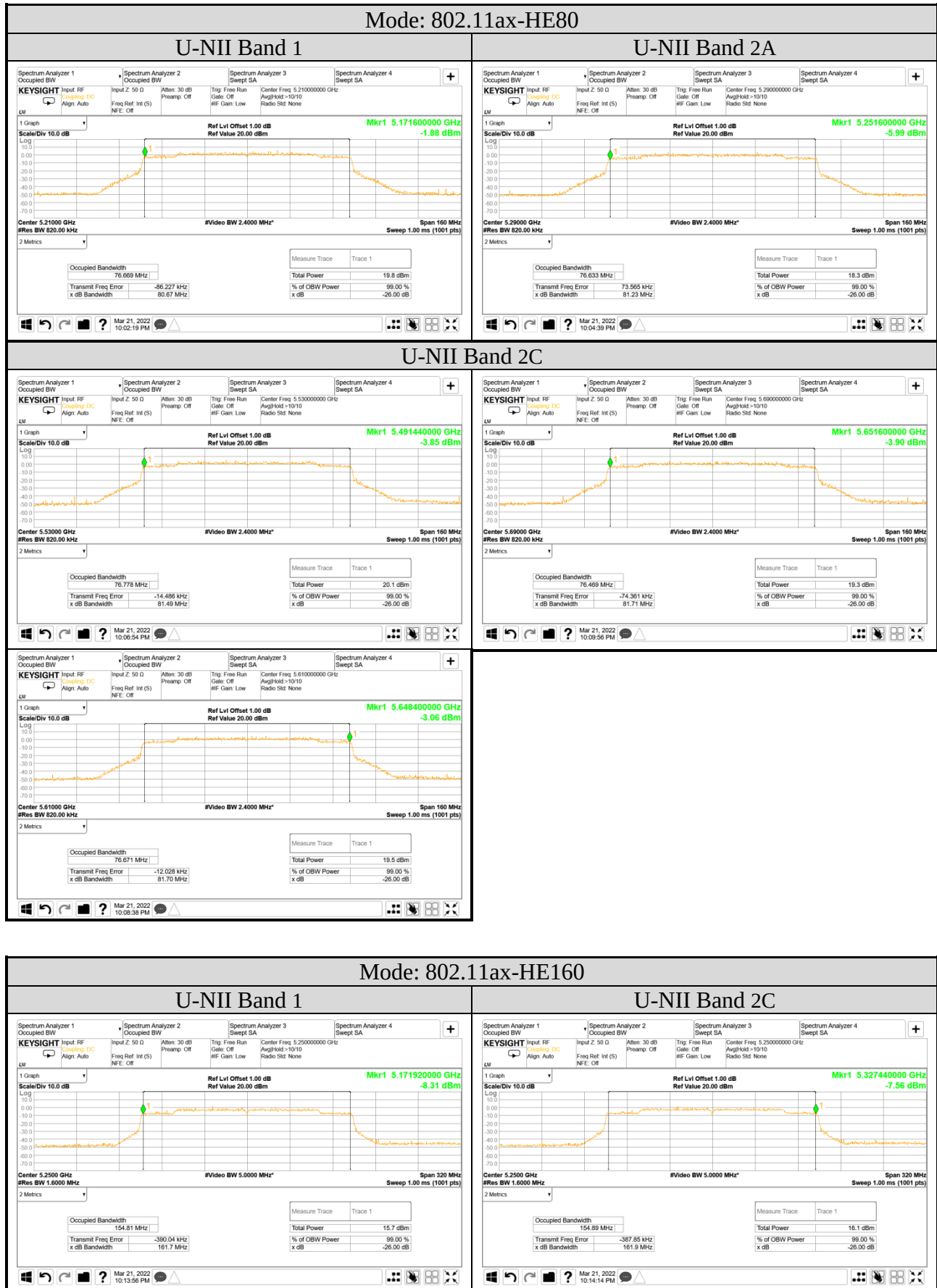
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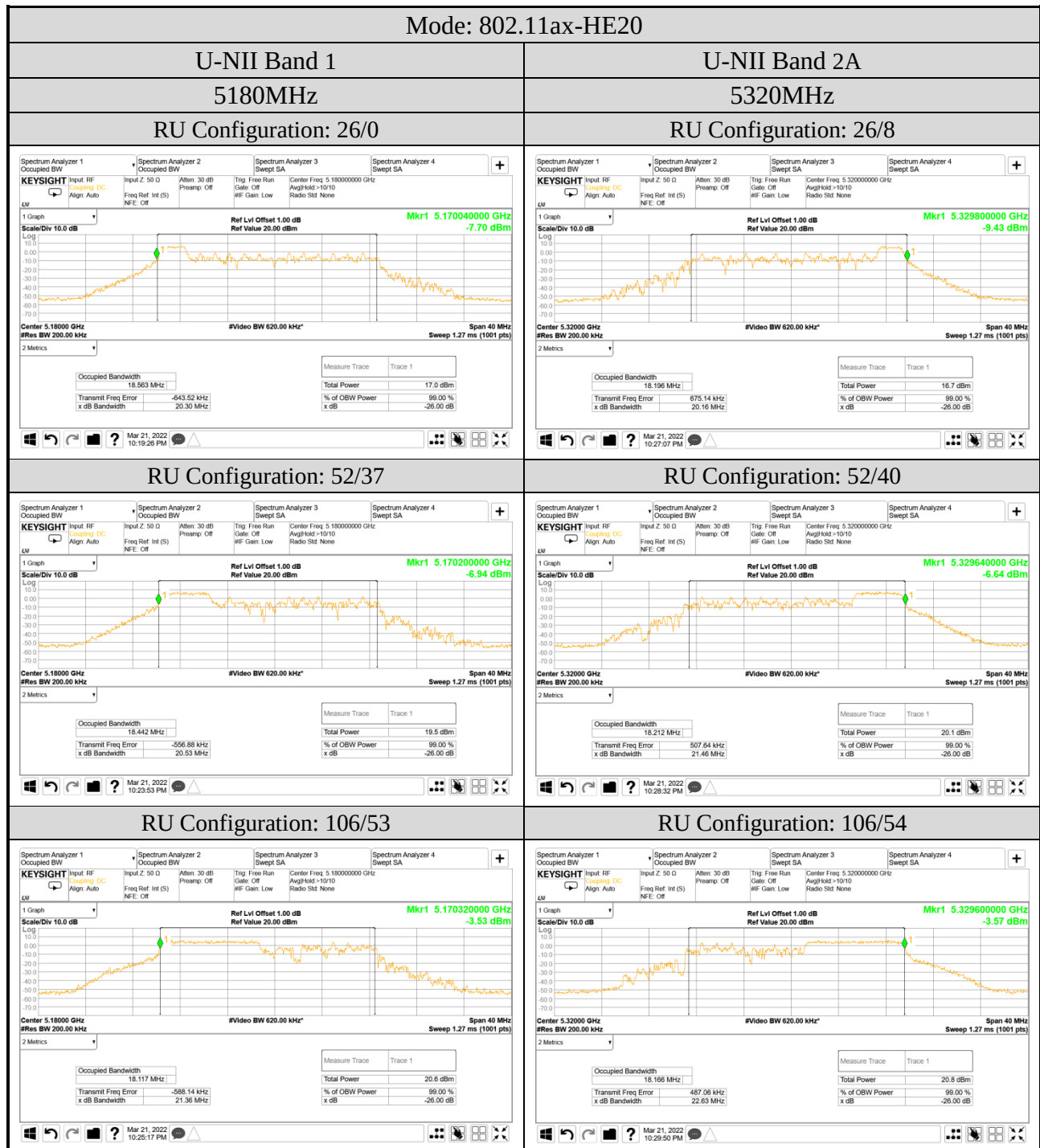


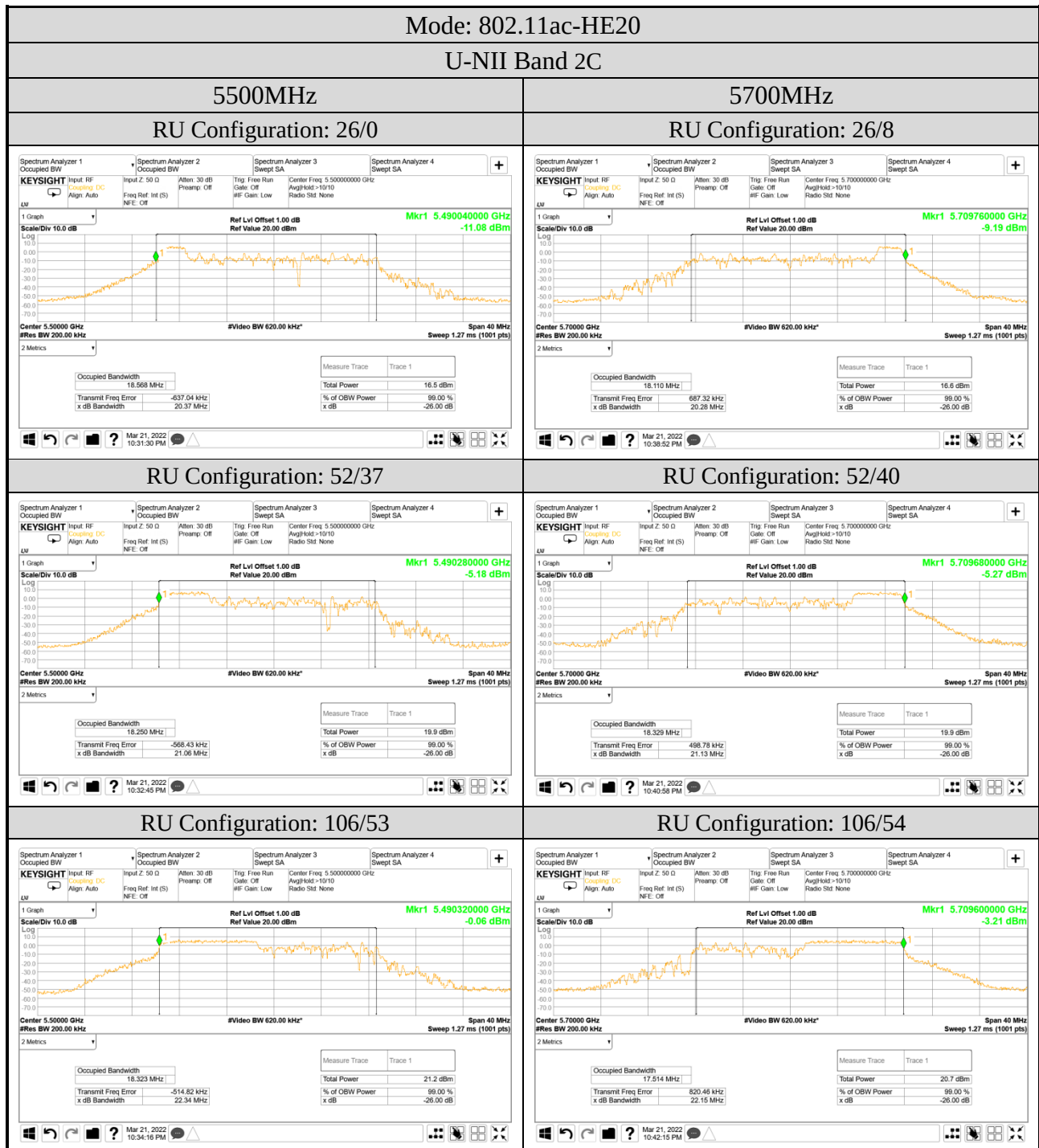


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