

A.3 EMISSION/OCCUPIED BANDWIDTH

Test Date	2022/03/22	Temp./Hum.	22°C /62%
Cable Loss	1.20dB	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 Emission/Occupied Bandwidth Result

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11a	1	5180	23.86	16.541	Reference only
		5200	22.56	16.598	
		5240	22.49	16.585	
	2A	5260	22.62	16.582	
		5300	22.80	16.594	
		5320	22.89	16.653	
	2C	5500	22.21	16.622	
		5580	23.00	16.569	
		5700	22.65	16.560	
		5720	22.95	16.737	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
	3		Emission (6dB)	Occupied (99%)	≥ 500kHz
		5745	16.27	16.636	
		5785	16.07	16.639	
		5825	16.36	16.687	

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Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11n-HT20	1	5180	23.84	17.748	Reference only
		5200	23.59	17.751	
		5240	22.93	17.732	
	2A	5260	23.00	17.729	
		5300	23.17	17.689	
		5320	23.22	17.692	
	2C	5500	23.48	17.793	
		5580	23.54	17.688	
		5700	23.53	17.795	
		5720	22.64	17.697	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
	3		Emission (6dB)	Occupied (99%)	≥ 500kHz

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11n-HT40	1	5190	41.72	35.971	Reference only
		5230	41.12	35.997	
	2A	5270	41.76	36.010	
		5310	40.84	36.071	
	2C	5510	40.11	36.027	
		5550	41.55	36.159	
		5670	41.72	36.073	
		5710	41.01	36.003	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
	3		Emission (6dB)	Occupied (99%)	≥ 500kHz

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ac-VHT80	1	5210	81.29	76.042	Reference only
	2A	5290	81.12	76.011	
	2C	5530	82.27	76.000	
		5610	80.80	75.922	
		5690	82.31	75.950	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
	3	5775	76.52	75.995	≥ 500kHz

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ac-VHT160	1/2A	5250	163.1	153.59	Reference only
	2C	5570	162.2	153.35	

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Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ax-HE20	1	5180	21.28	18.960	Reference only
		5200	21.20	18.959	
		5240	21.25	19.009	
	2A	5260	21.23	18.959	
		5300	21.75	19.012	
		5320	21.48	19.030	
	2C	5500	21.15	18.955	
		5580	21.65	18.969	
		5700	20.80	18.977	
		5720	21.04	18.979	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
	3		Emission (6dB)	Occupied (99%)	≥ 500kHz

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ax-HE40	1	5190	40.79	37.858	Reference only
		5230	41.17	37.849	
	2A	5270	41.09	37.803	
		5310	40.36	37.822	
	2C	5510	40.56	37.772	
		5550	40.40	37.797	
		5670	40.66	37.769	
		5710	41.50	37.845	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
	3		Emission (6dB)	Occupied (99%)	≥ 500kHz

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ax-HE80	1	5210	81.71	77.539	Reference only
	2A	5290	81.75	77.481	
	2C	5530	81.71	77.425	
		5610	80.60	77.033	
		5690	81.07	77.408	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
	3	5775	81.46	77.343	≥ 500kHz

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ax-HE160	1/2A	5250	162.0	154.96	Reference only
	2C	5570	161.8	154.75	

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Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
				Emission (26dB)	Occupied (99%)	
802.11ax-HE20	I	5180	26/0	20.10	18.256	Reference only
			52/37	19.64	17.991	
			106/53	21.08	18.170	
	2A	5320	26/8	20.07	18.361	
			52/40	19.92	18.018	
			106/54	22.47	18.177	
	2C	5500	26/0	19.73	18.323	
			52/37	19.86	18.075	
			106/53	20.34	17.476	
		5700	26/8	19.90	18.152	
			52/40	19.88	18.118	
			106/54	22.98	18.155	
	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
	3	5745	26/0	2.066	18.345	≥ 500kHz
			52/37	17.00	18.156	
			106/53	15.86	17.961	
		5825	26/8	2.092	18.186	
			52/40	17.03	18.150	
106/54			17.15	17.831		

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
				Emission (26dB)	Occupied (99%)	
802.11ax-HE40	1	5190	242/61	27.83	18.867	Reference only
	2A	5310	242/62	24.73	18.940	
	2C	5510	242/61	24.34	18.898	
		5670	242/62	25.24	18.905	
	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
				Emission (6dB)	Occupied (99%)	
	3	5755	242/61	18.91	18.901	≥ 500kHz
		5795	242/62	18.84	18.831	

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
				Emission (26dB)	Occupied (99%)	
802.11ax-HE80	1	5210	484/65	45.06	37.606	Reference only
	2A	5290	484/66	41.49	37.682	
	2C	5530	484/65	40.50	37.668	
		5610	484/66	41.42	37.600	
	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
				Emission (6dB)	Occupied (99%)	
	3	5775	484/65	37.81	37.647	≥ 500kHz
			484/66	37.79	37.665	

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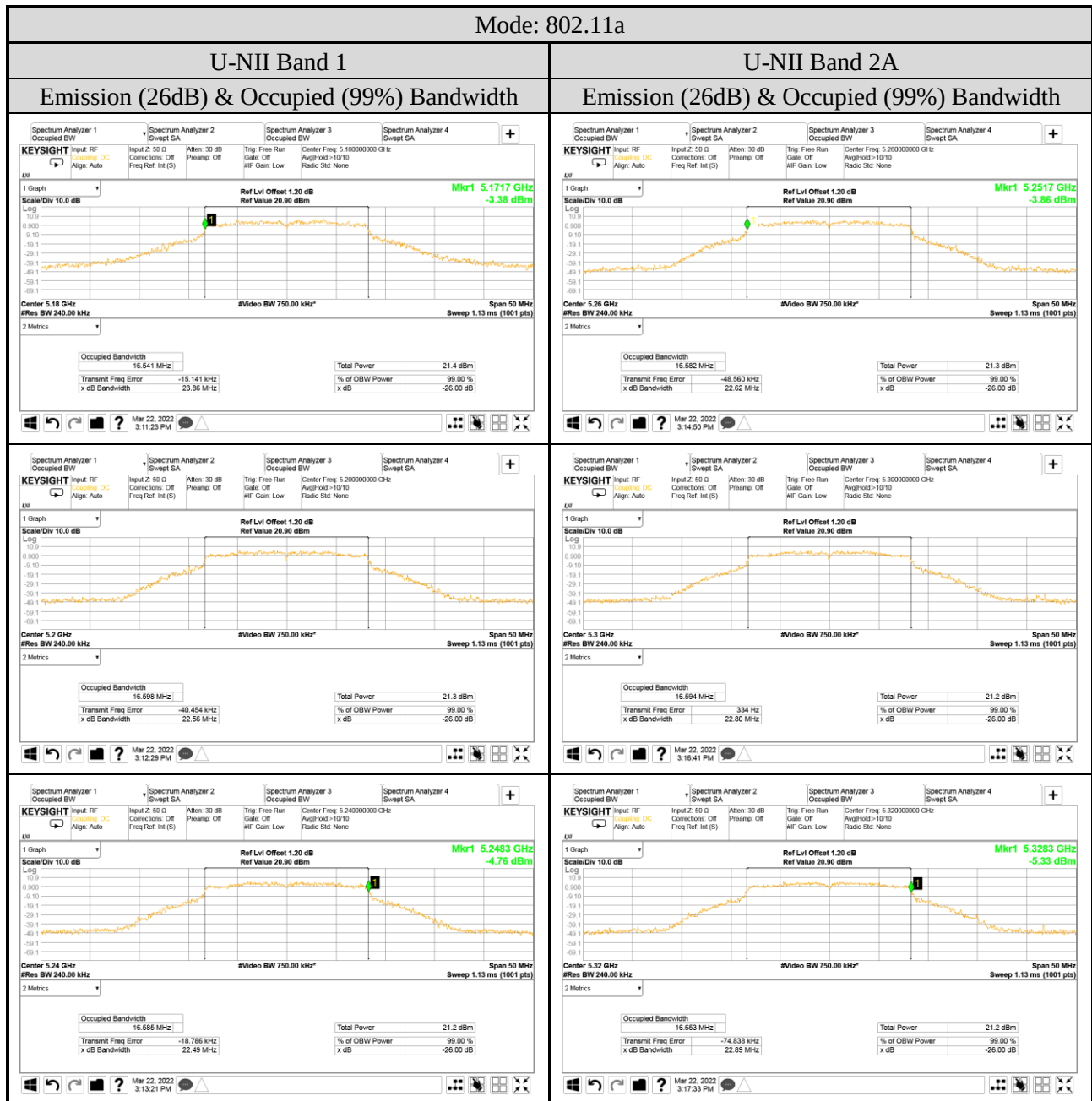
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				Emission (26dB)	Occupied (99%)	
802.11ax-HE160	1/2A	5250	996/67	82.78	78.096	Reference only
			996/S67	91.22	78.005	
	2C	5570	996/67	93.16	78.077	
			996/S67	93.24	78.289	

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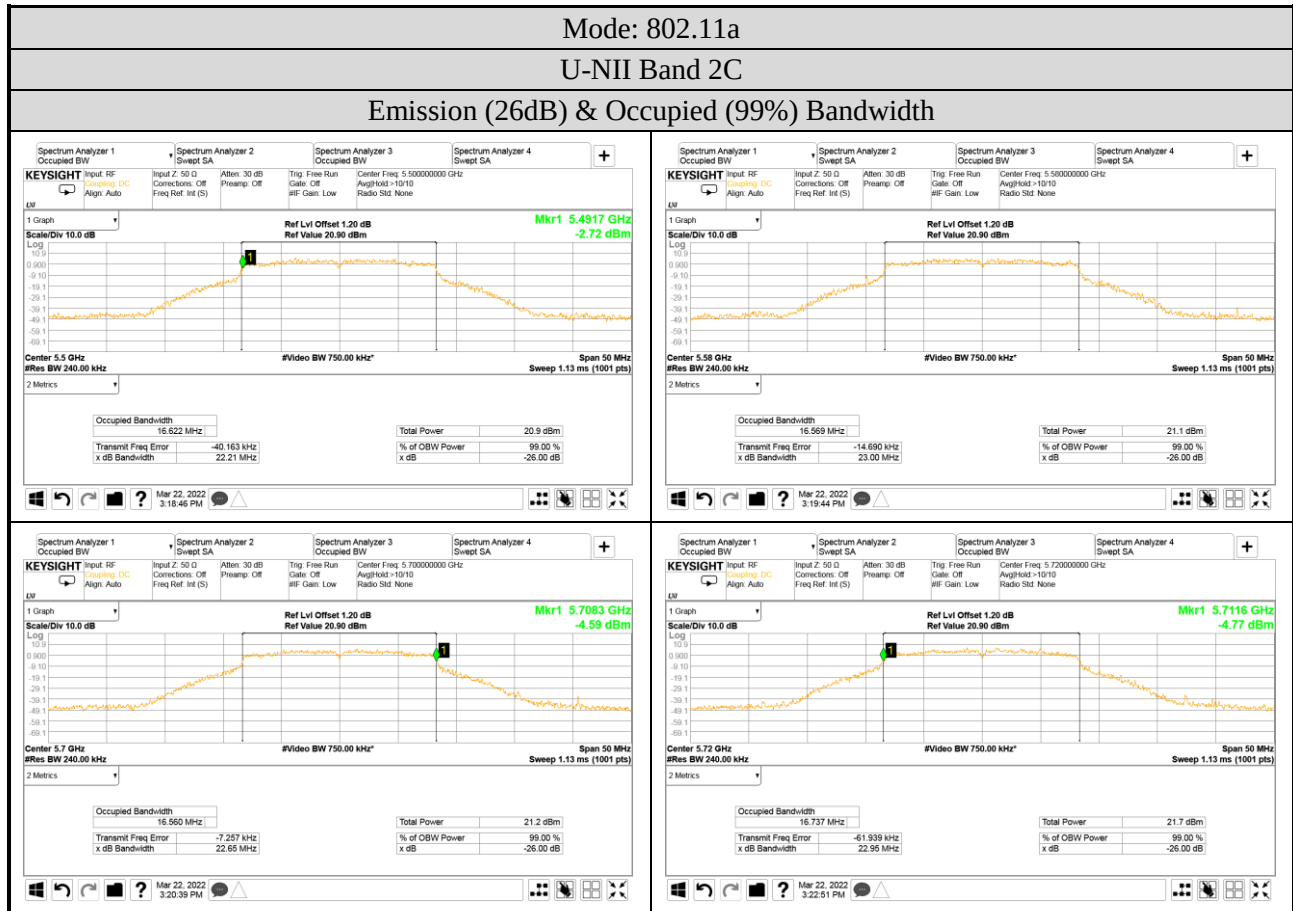
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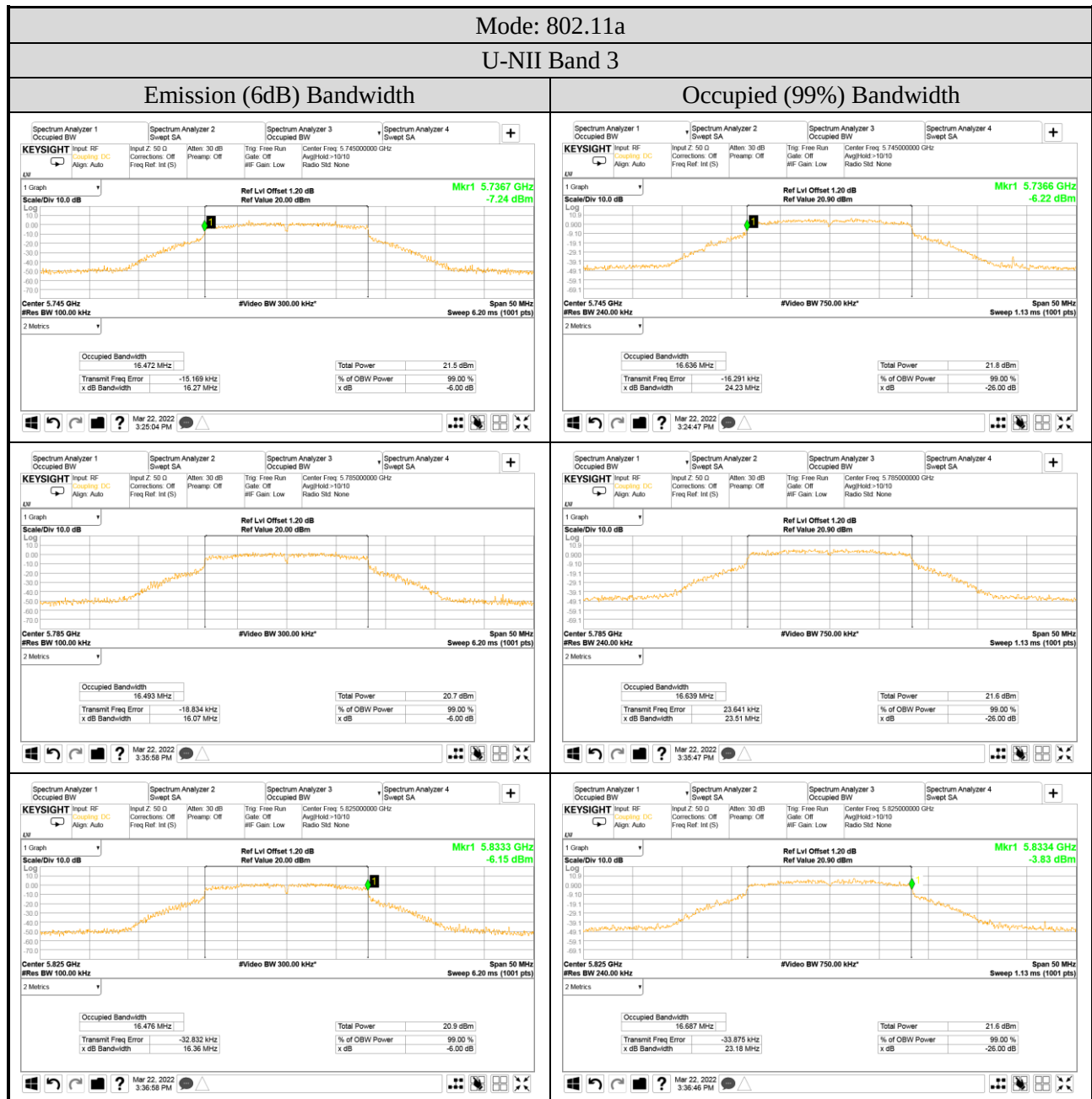
A.3.2 Measurement Plots



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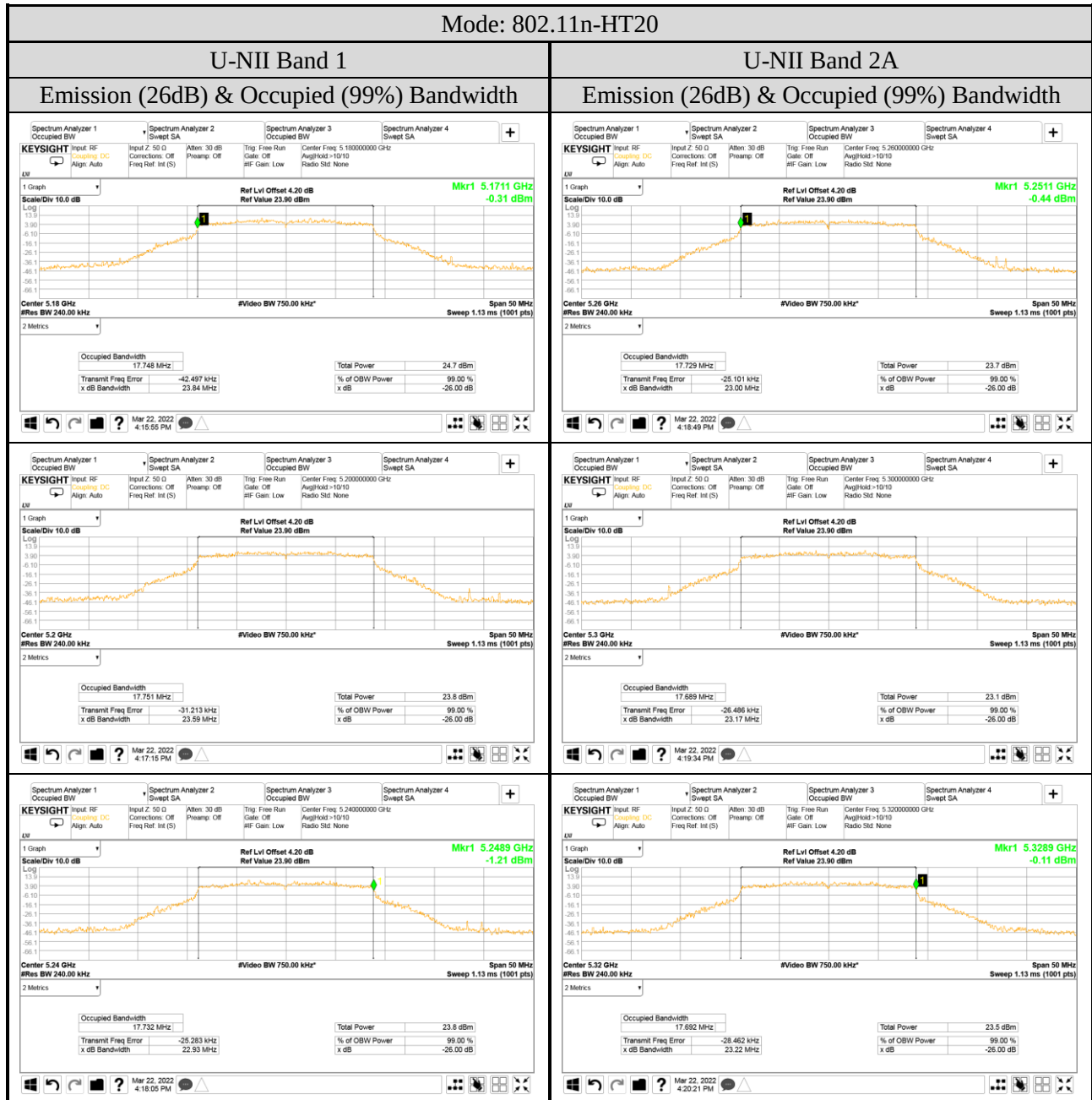
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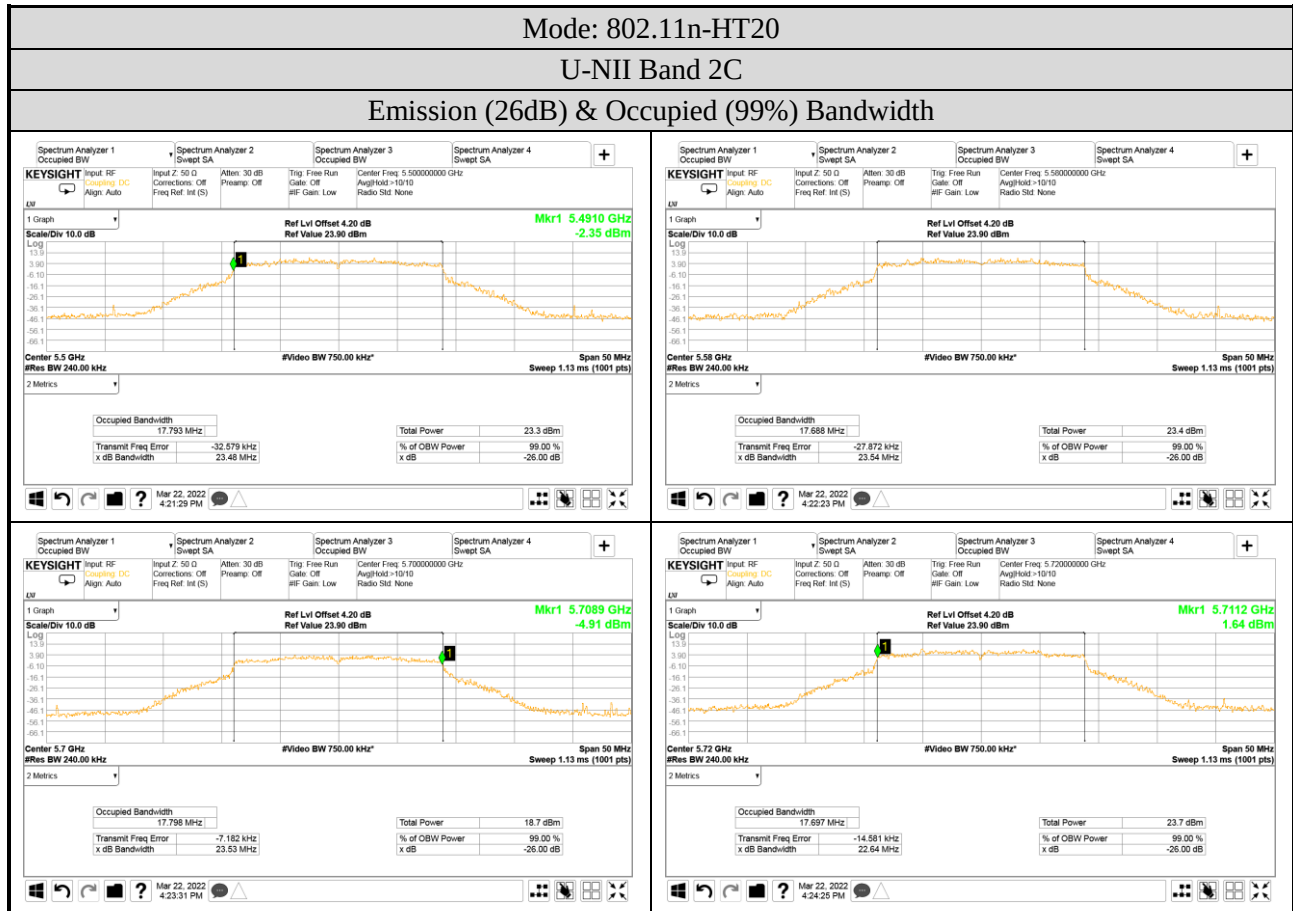
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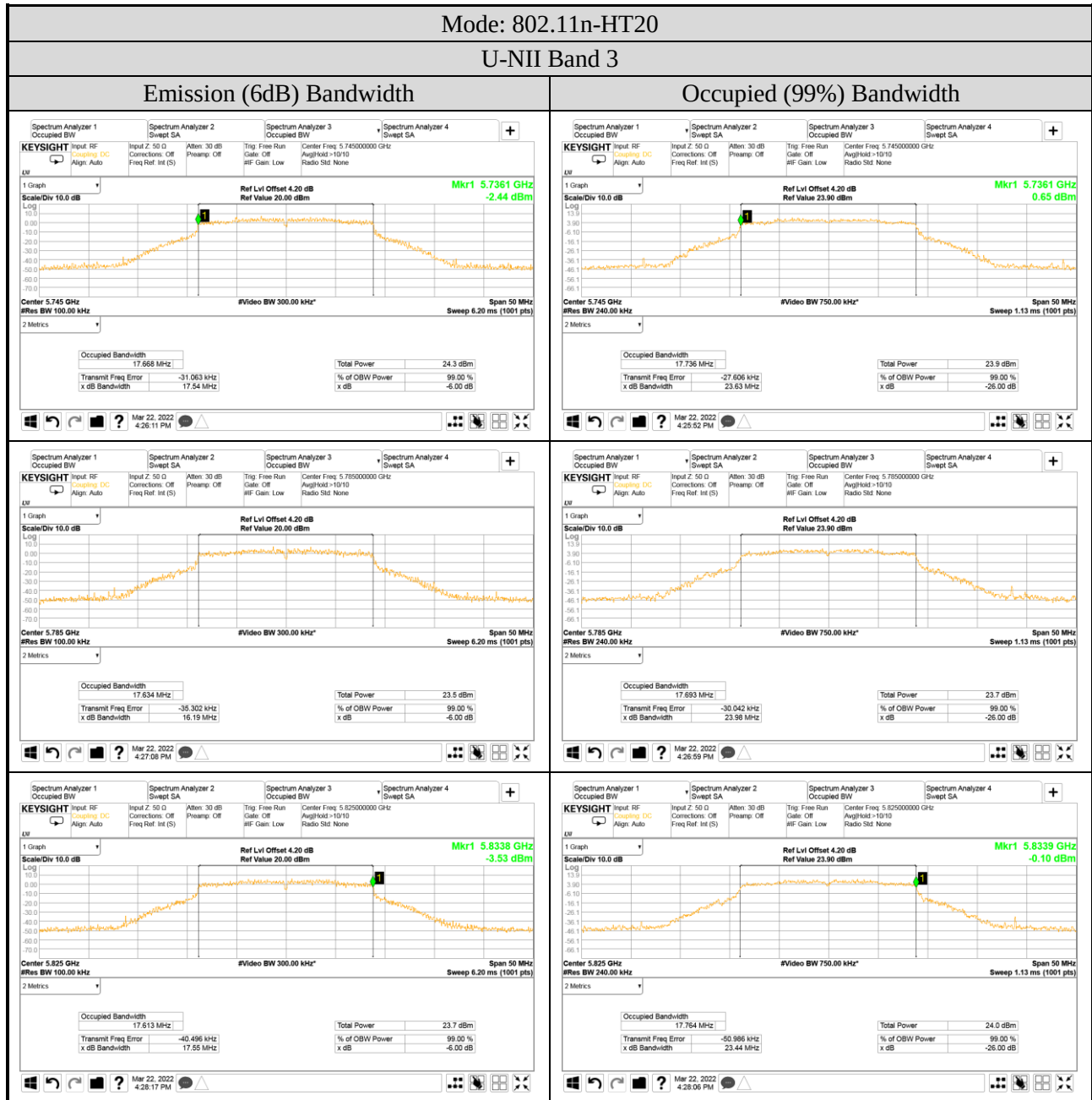
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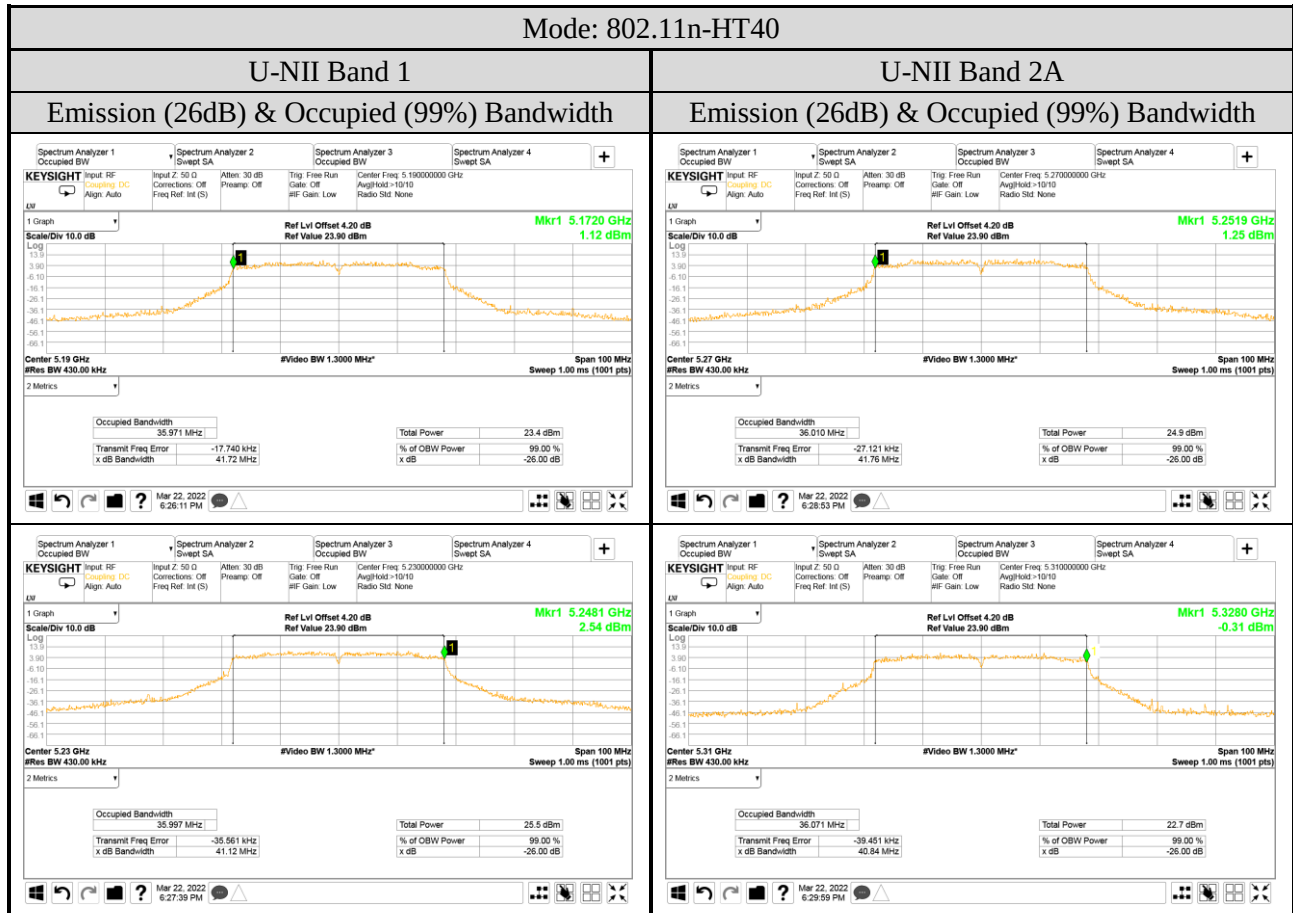
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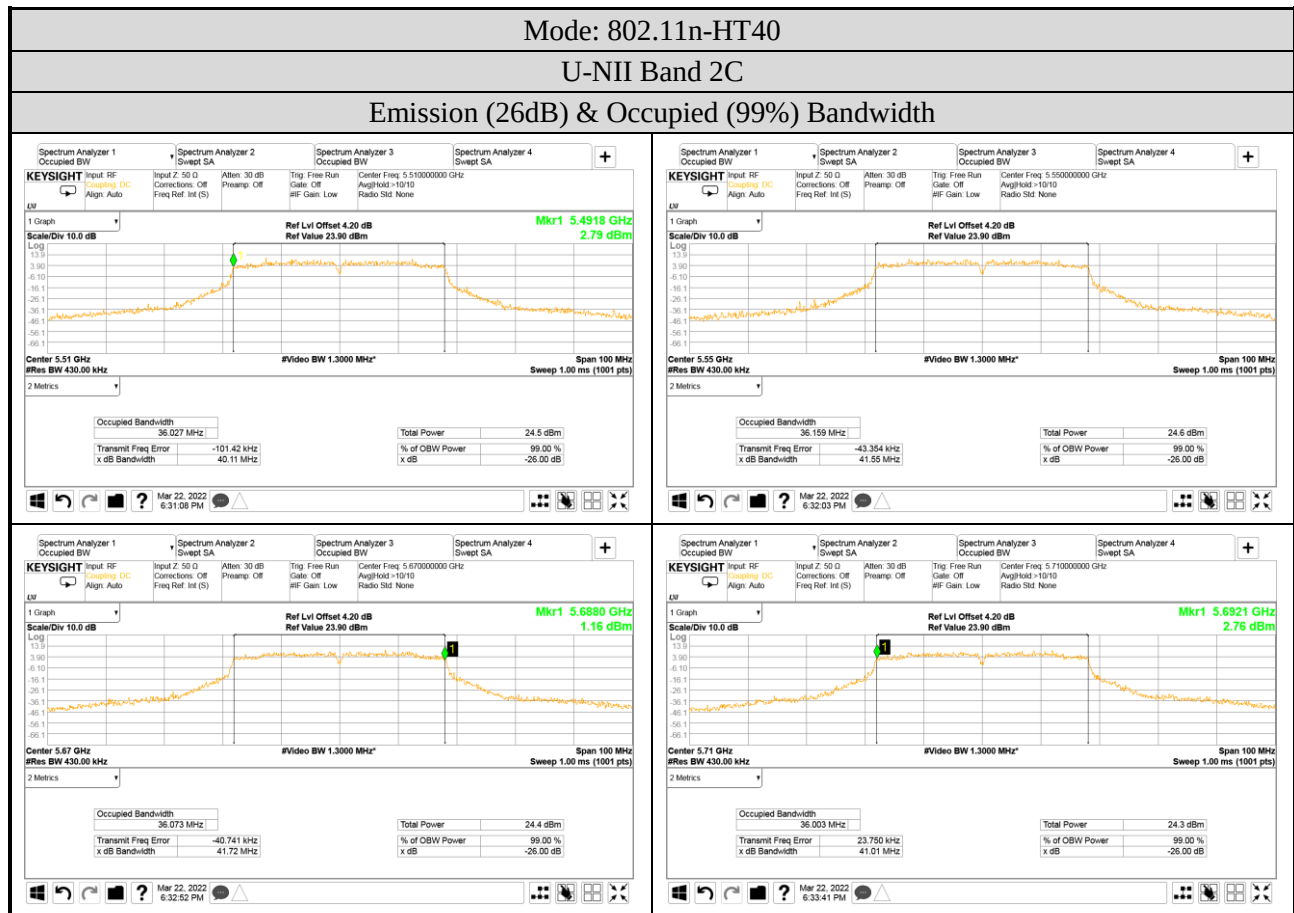
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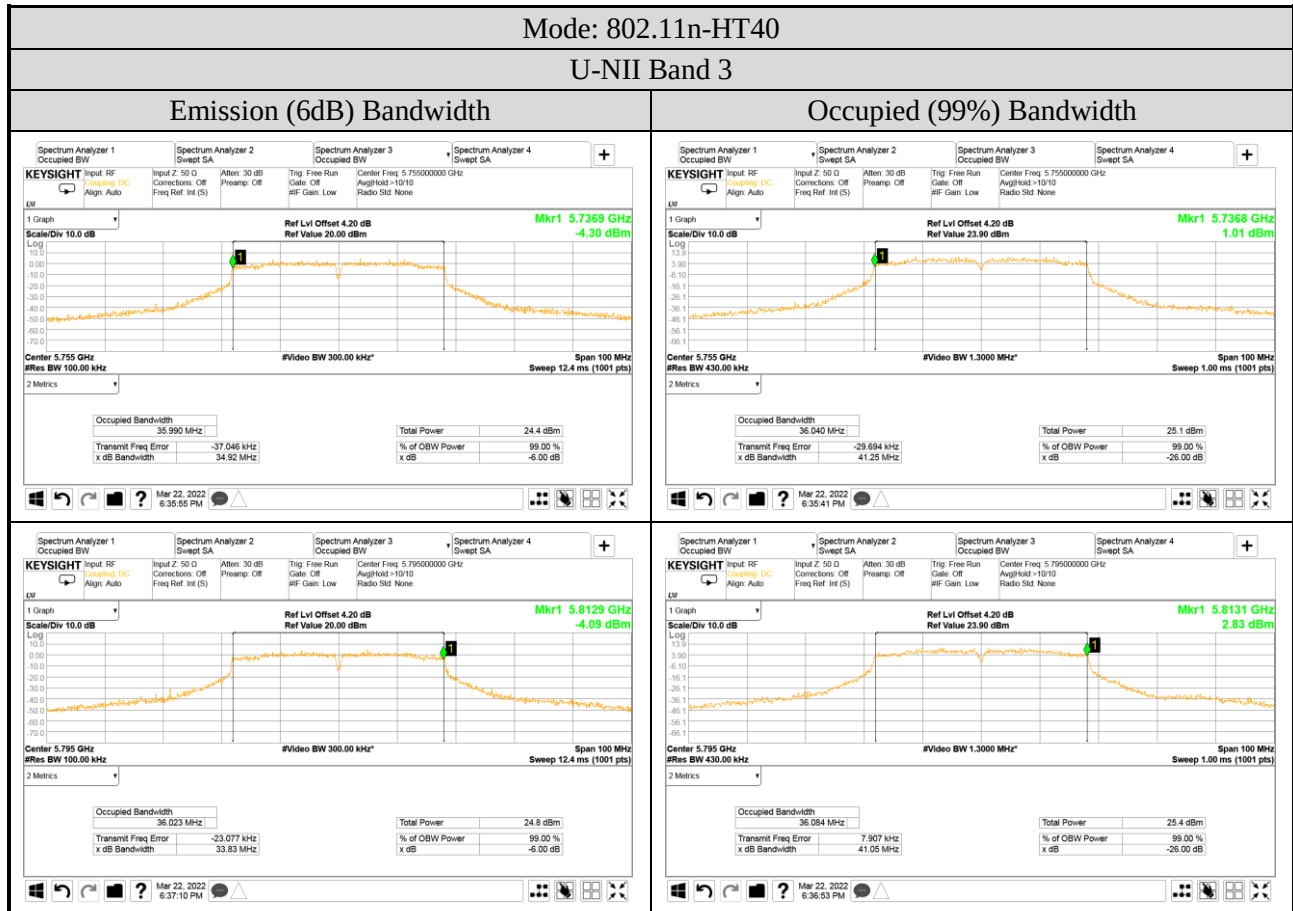
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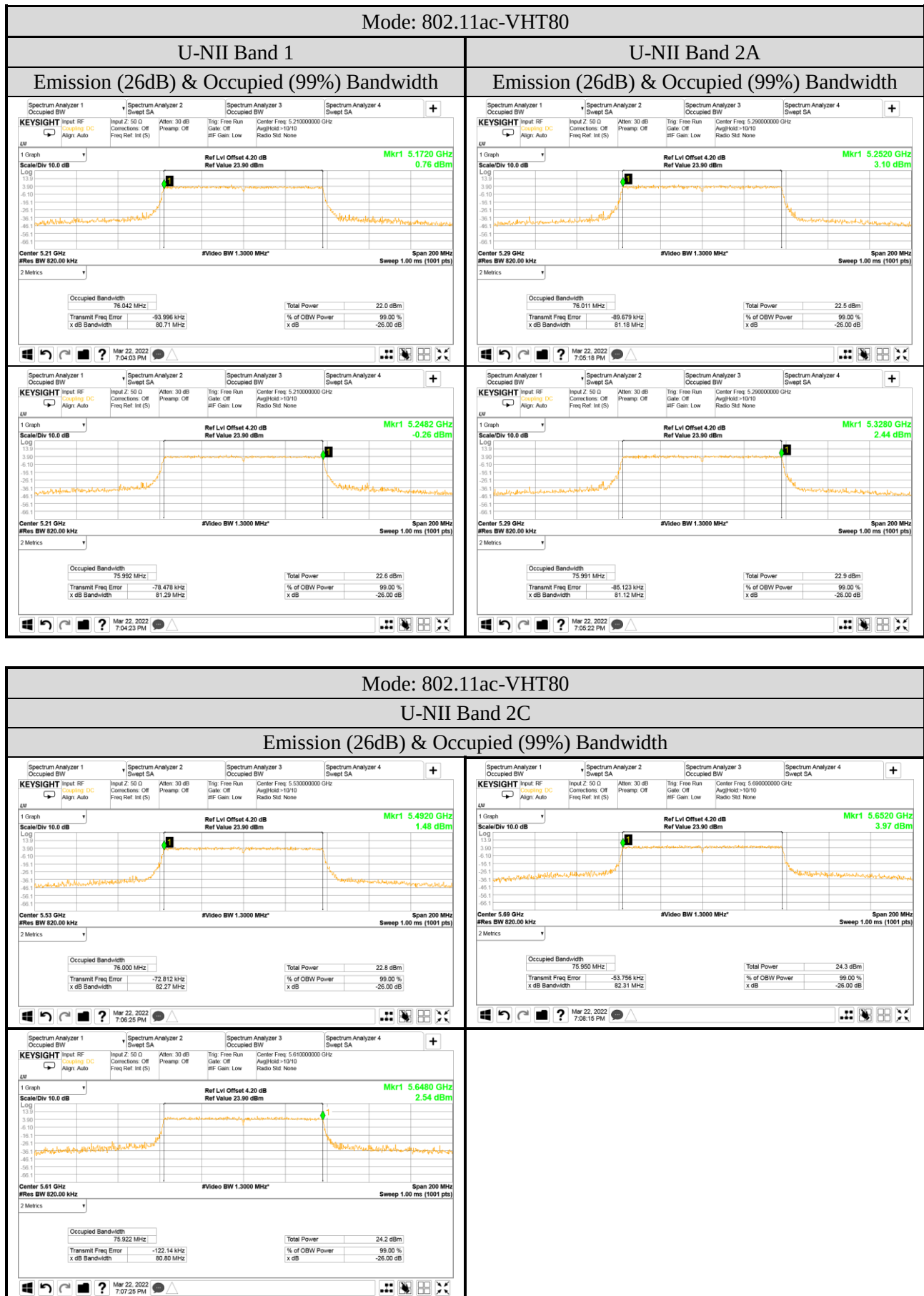
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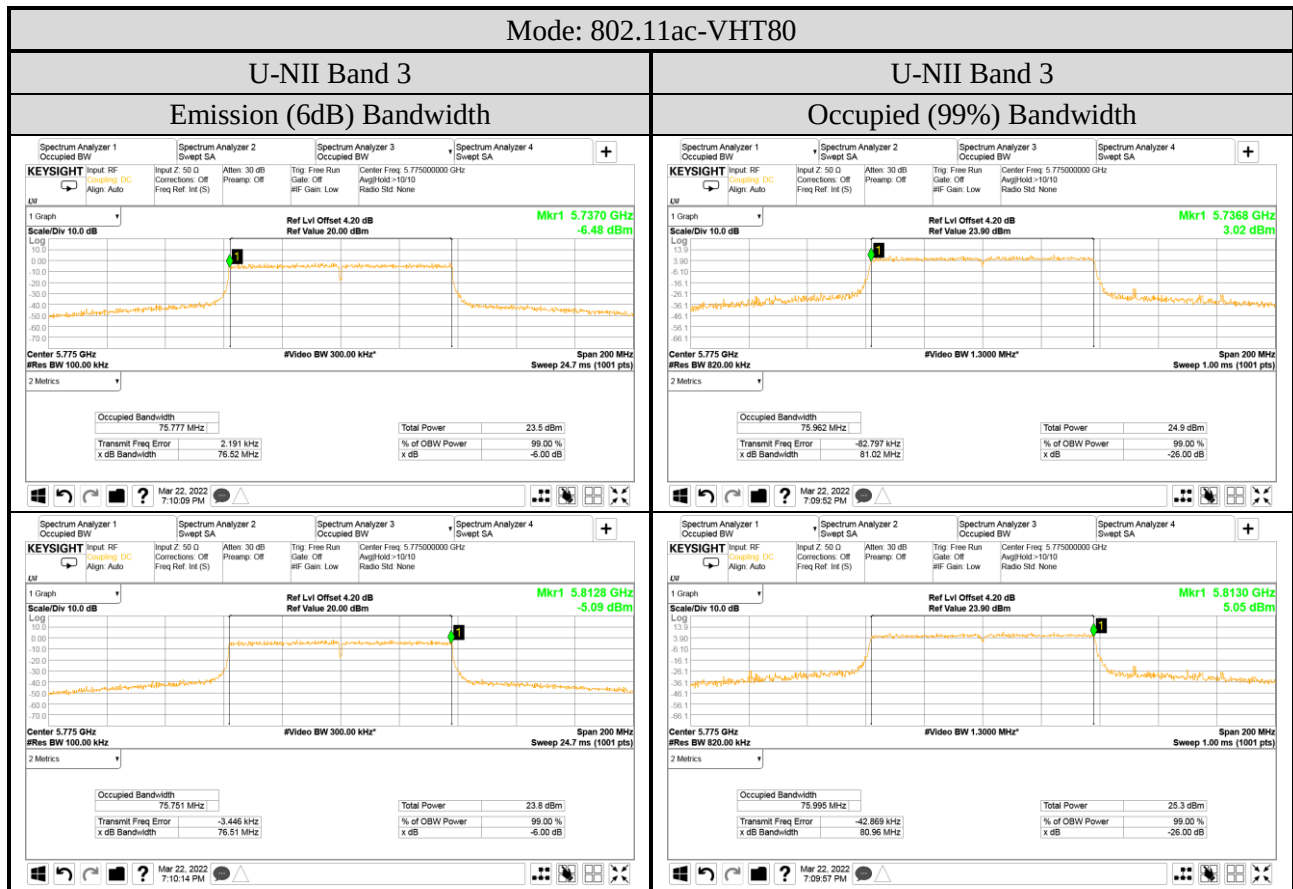
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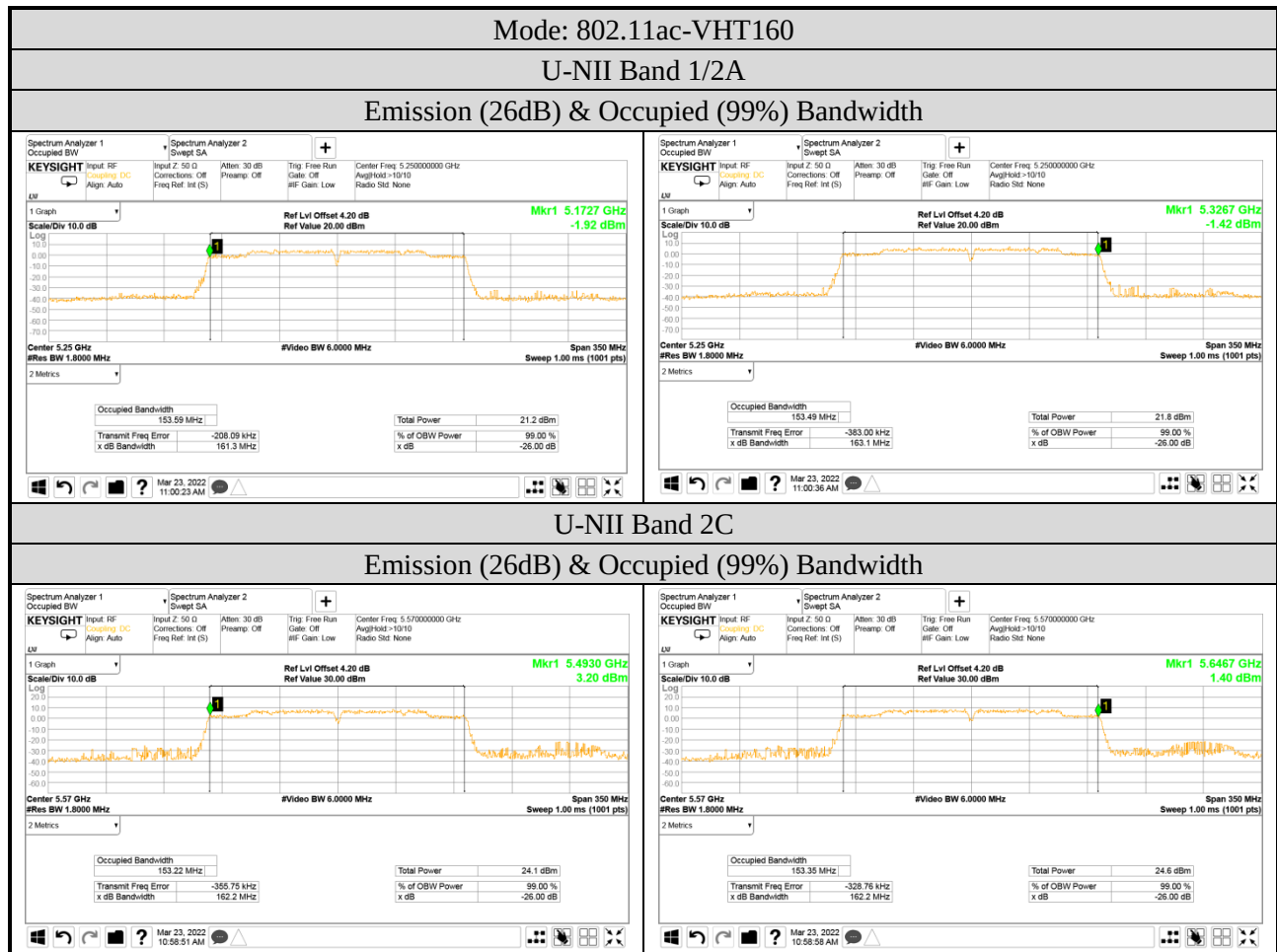
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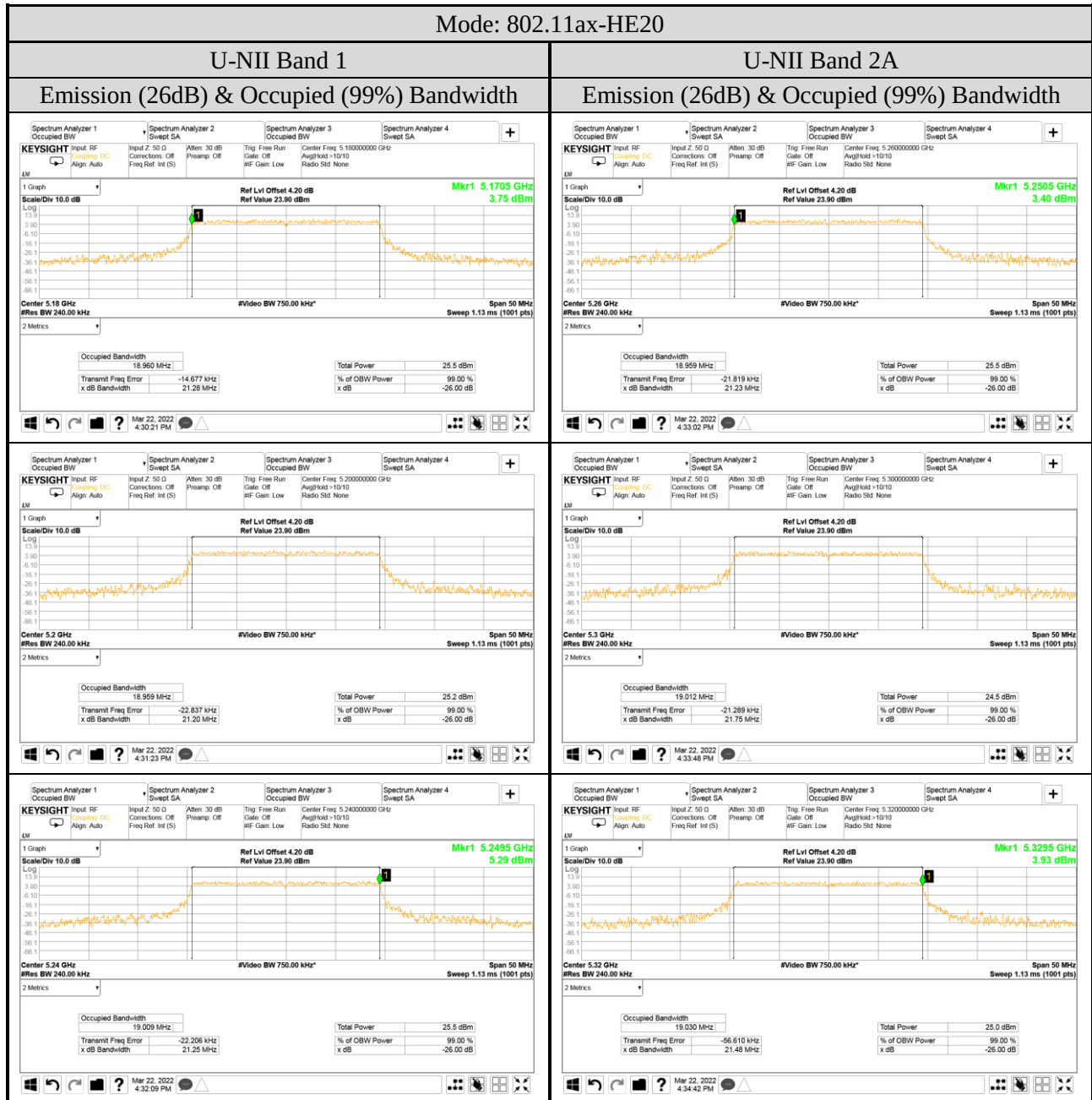
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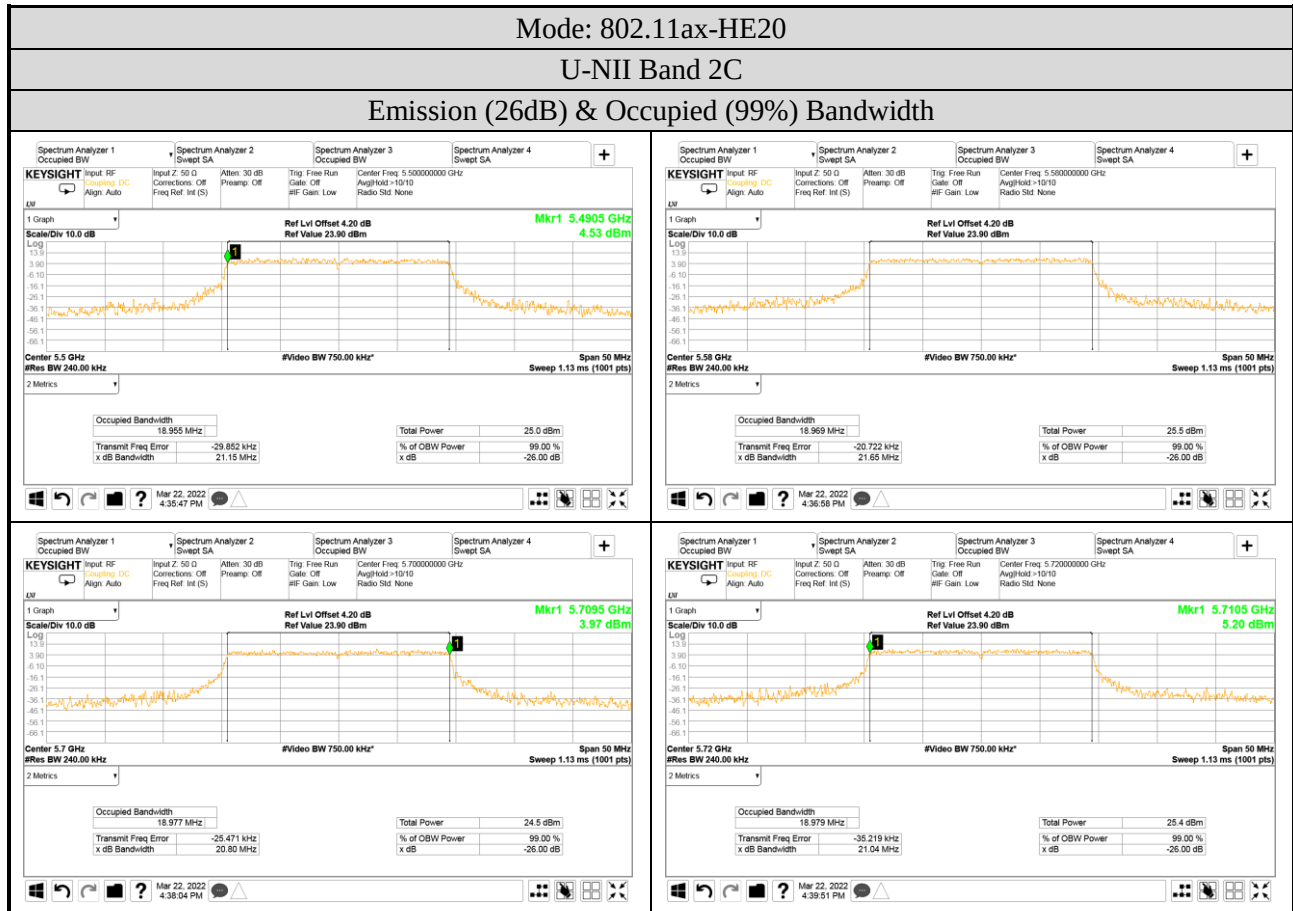
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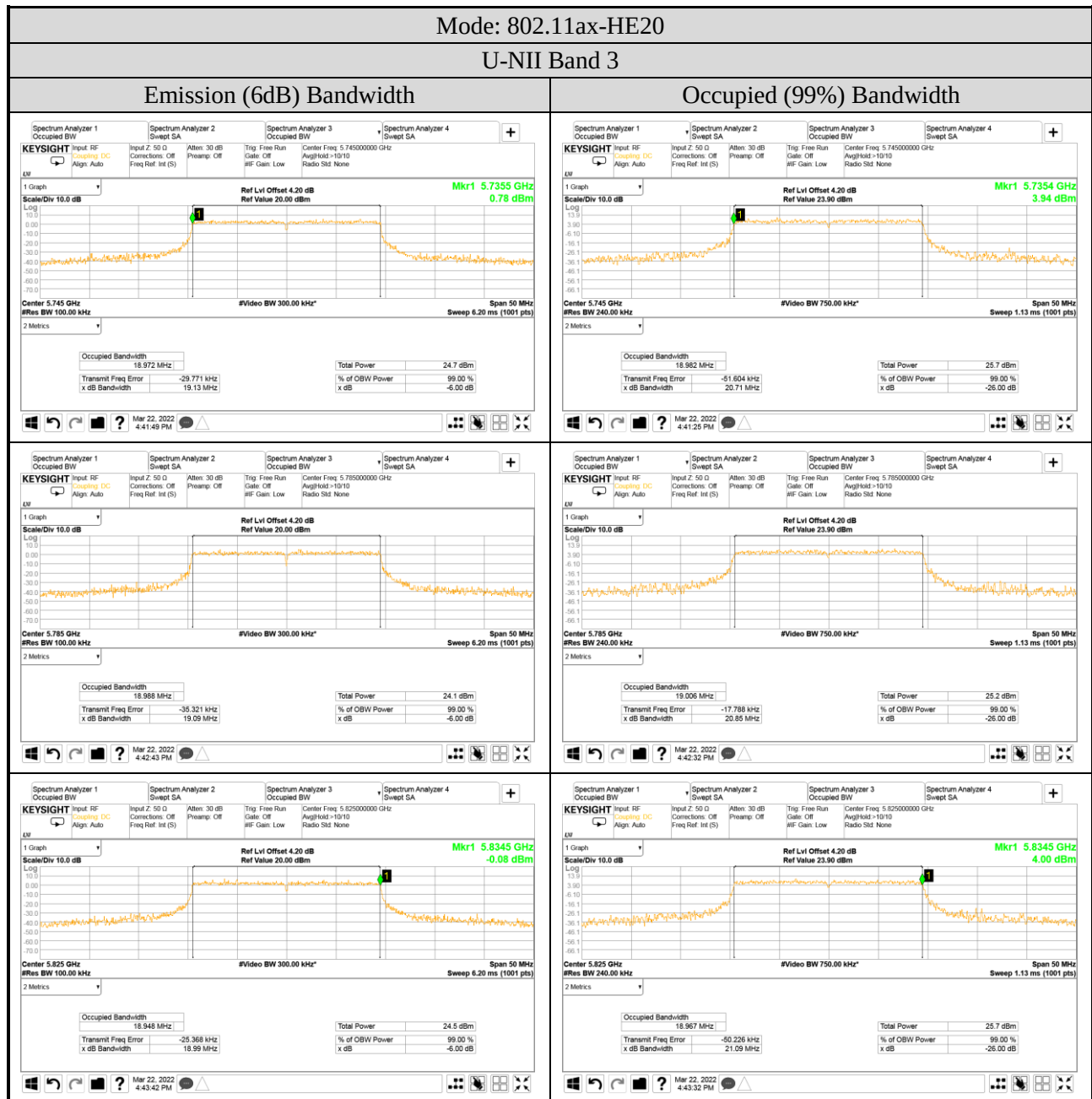
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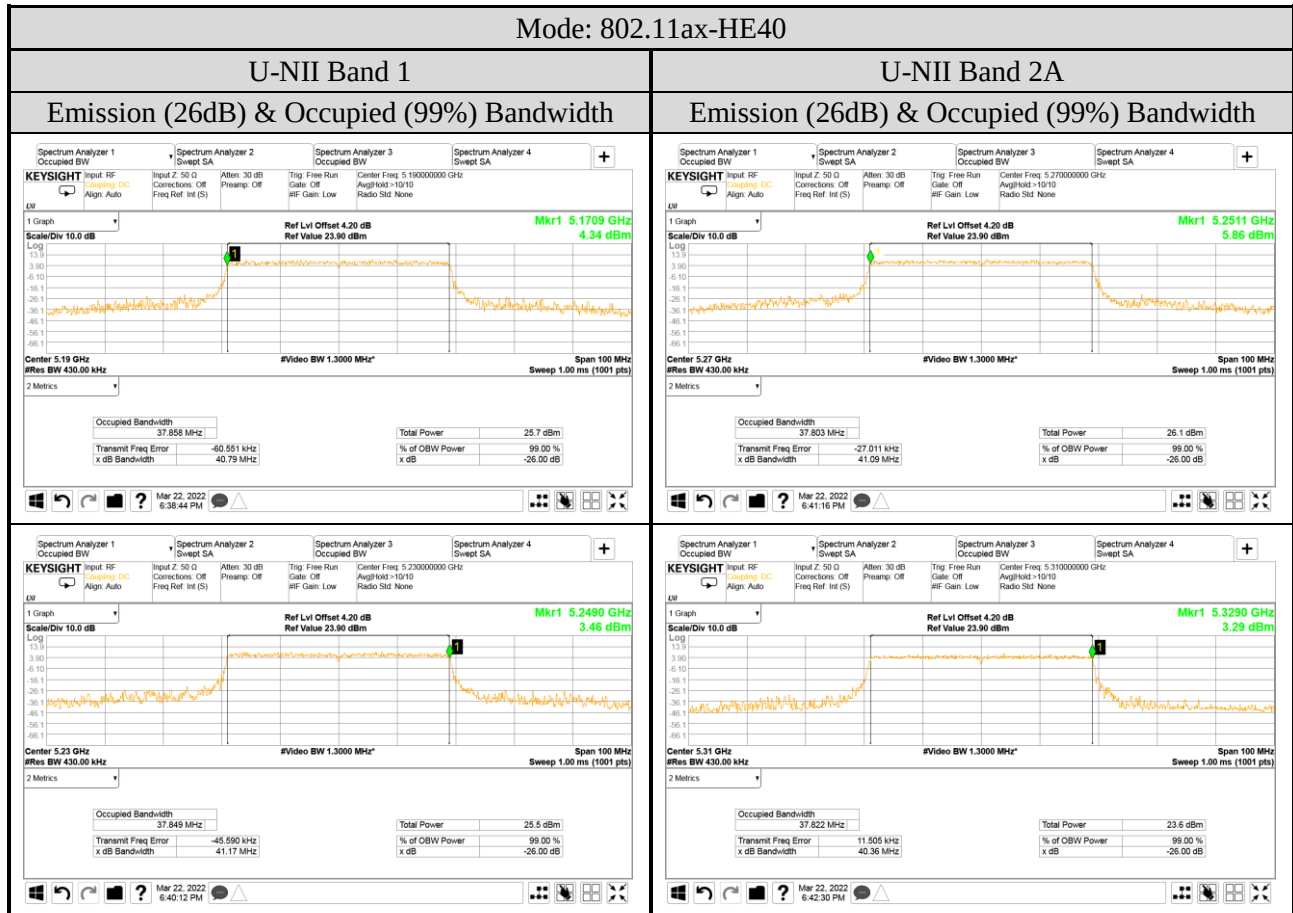
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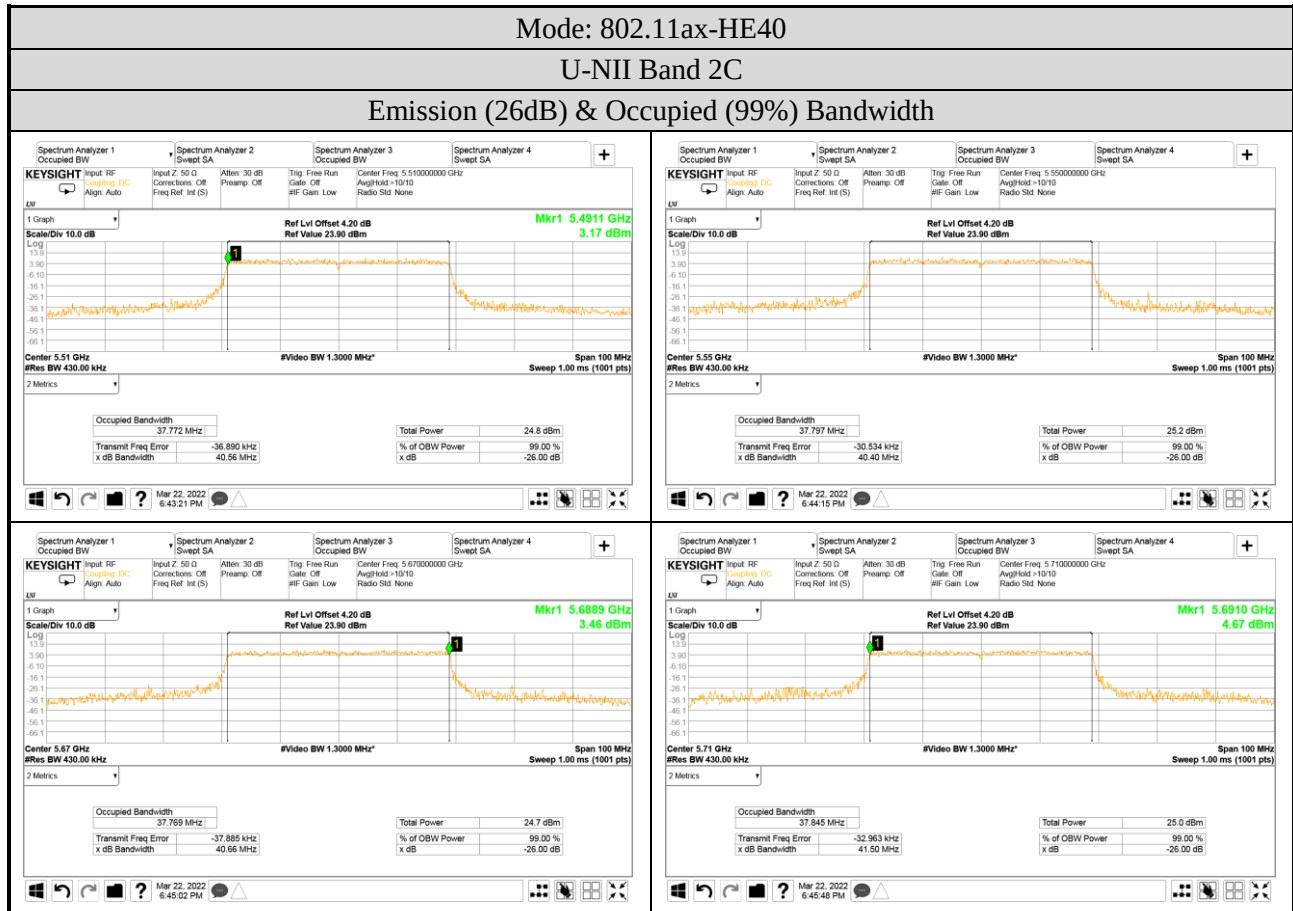
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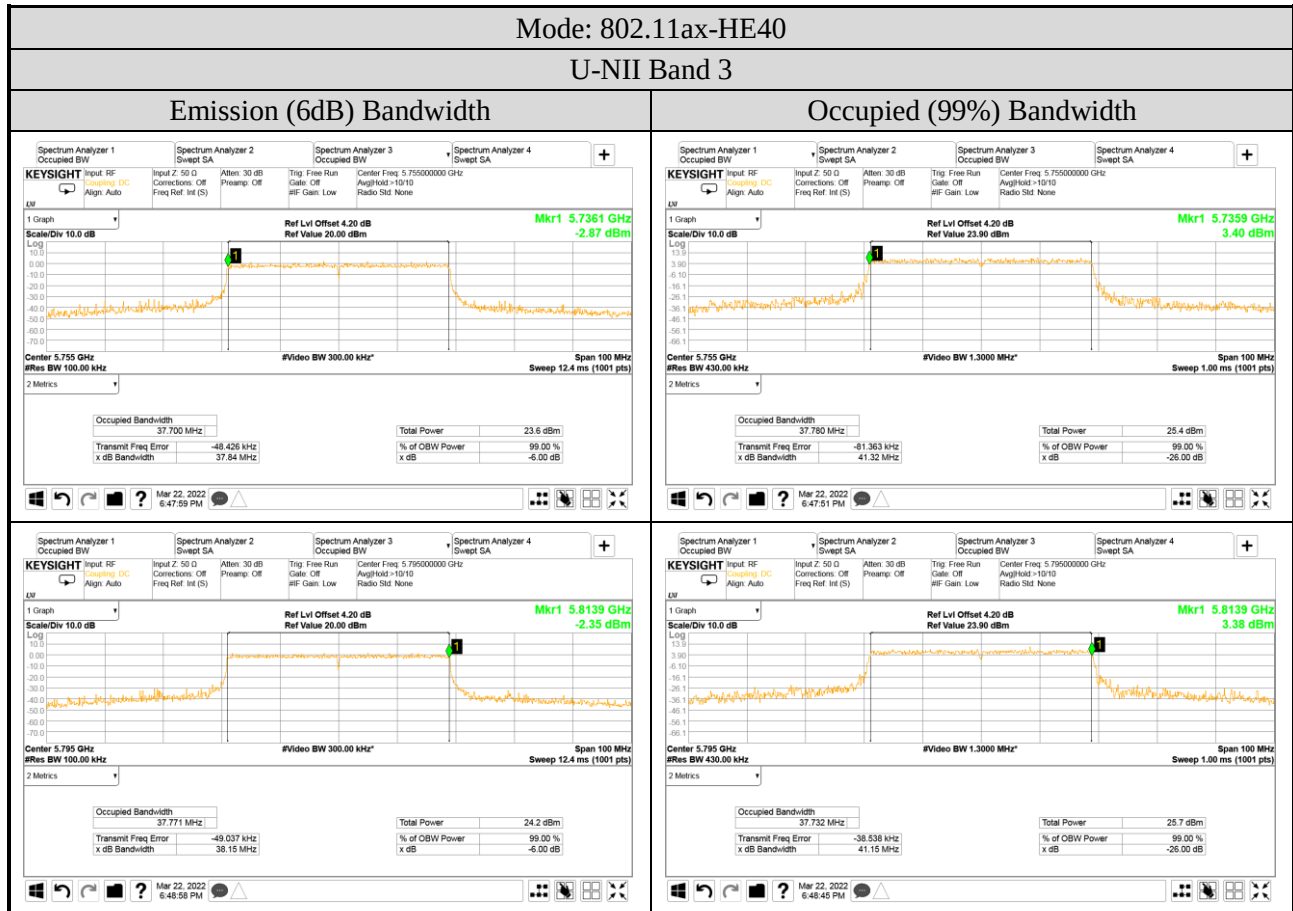
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