

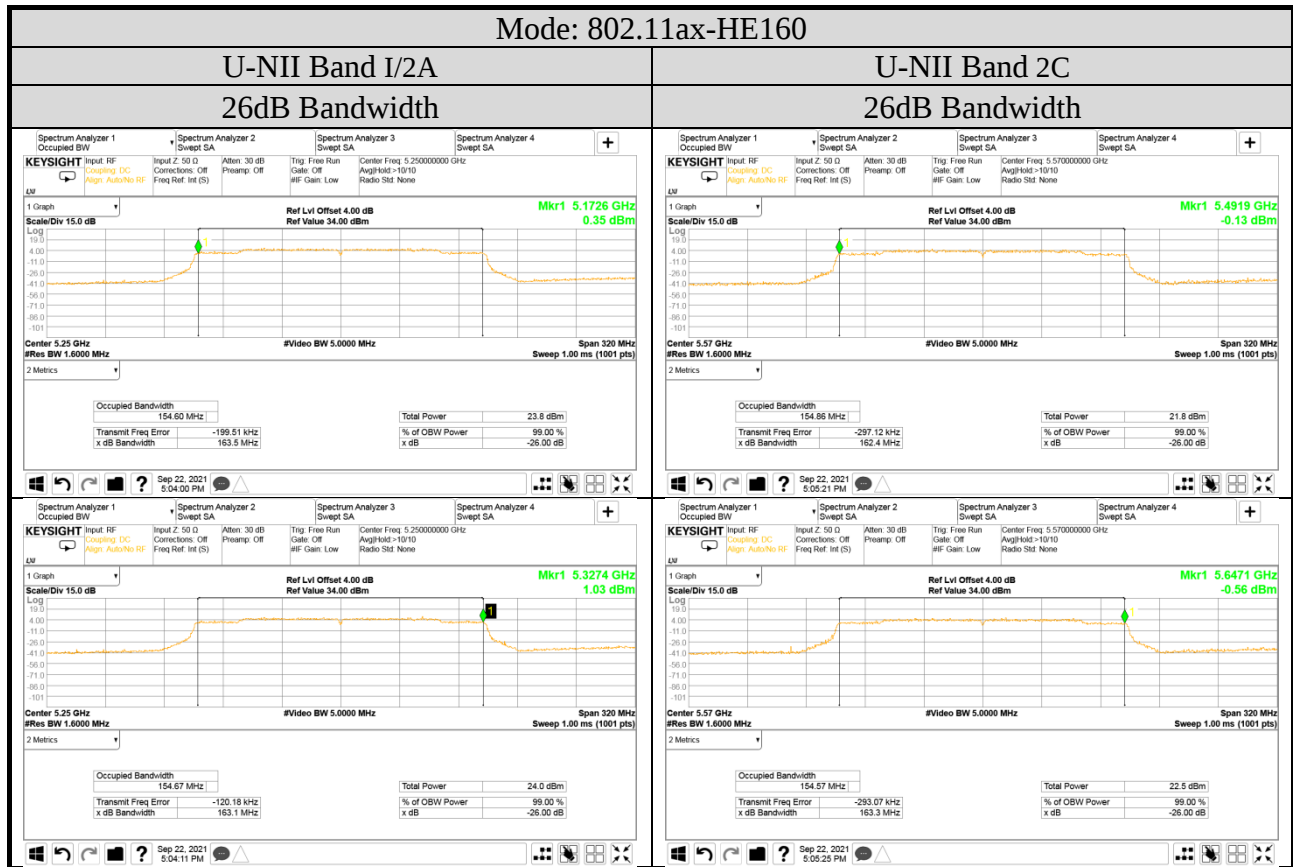
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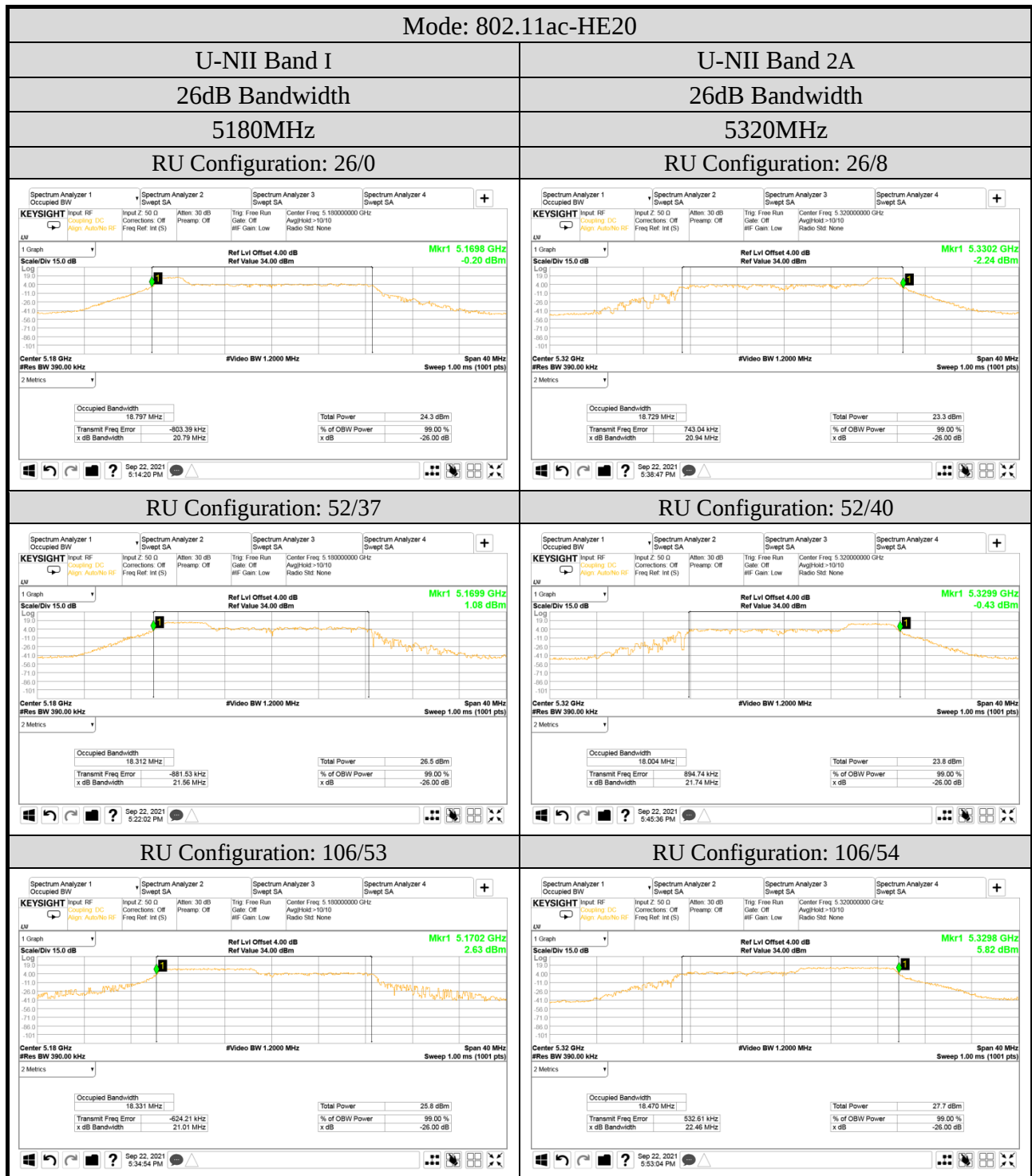
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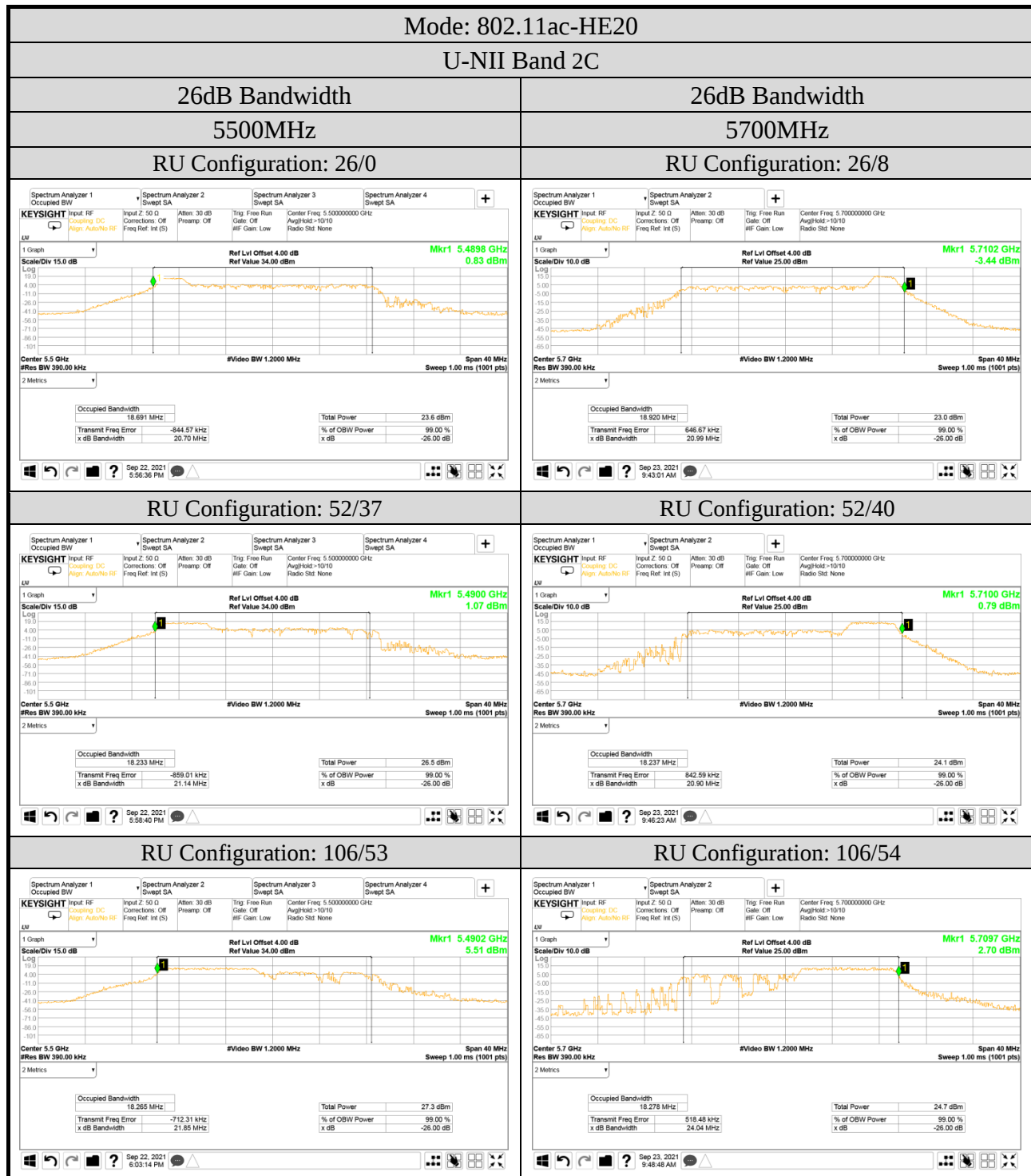
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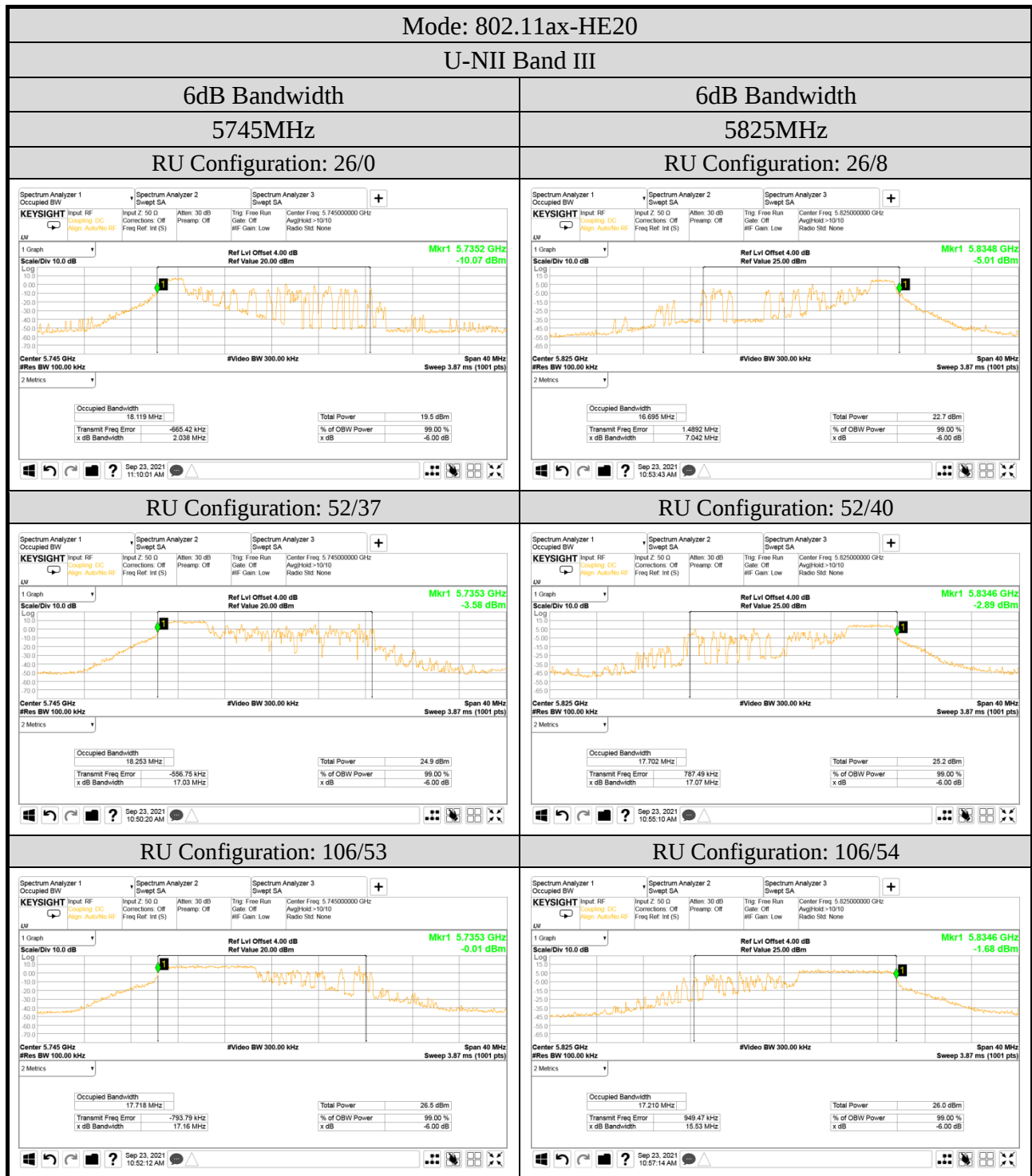
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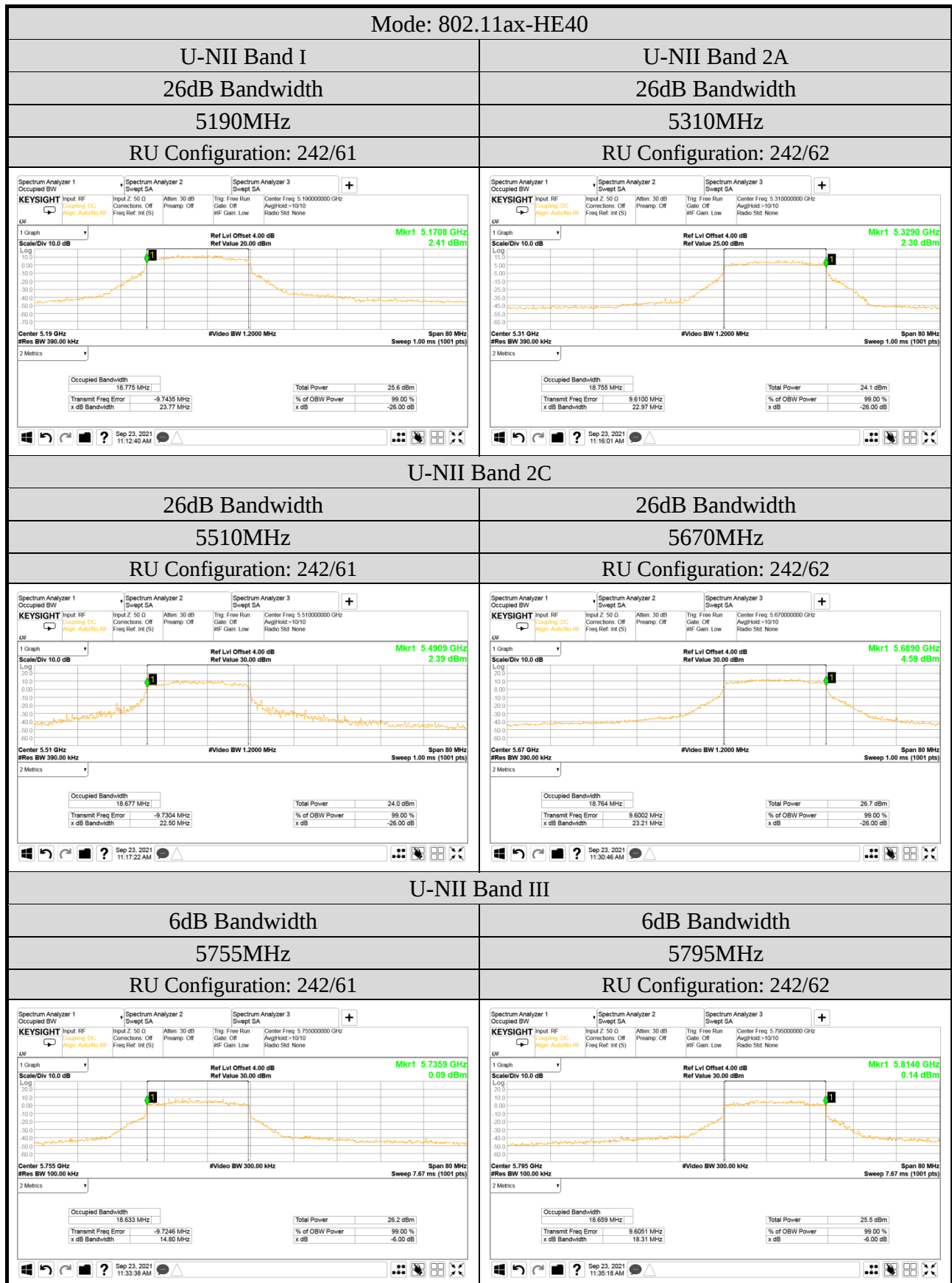
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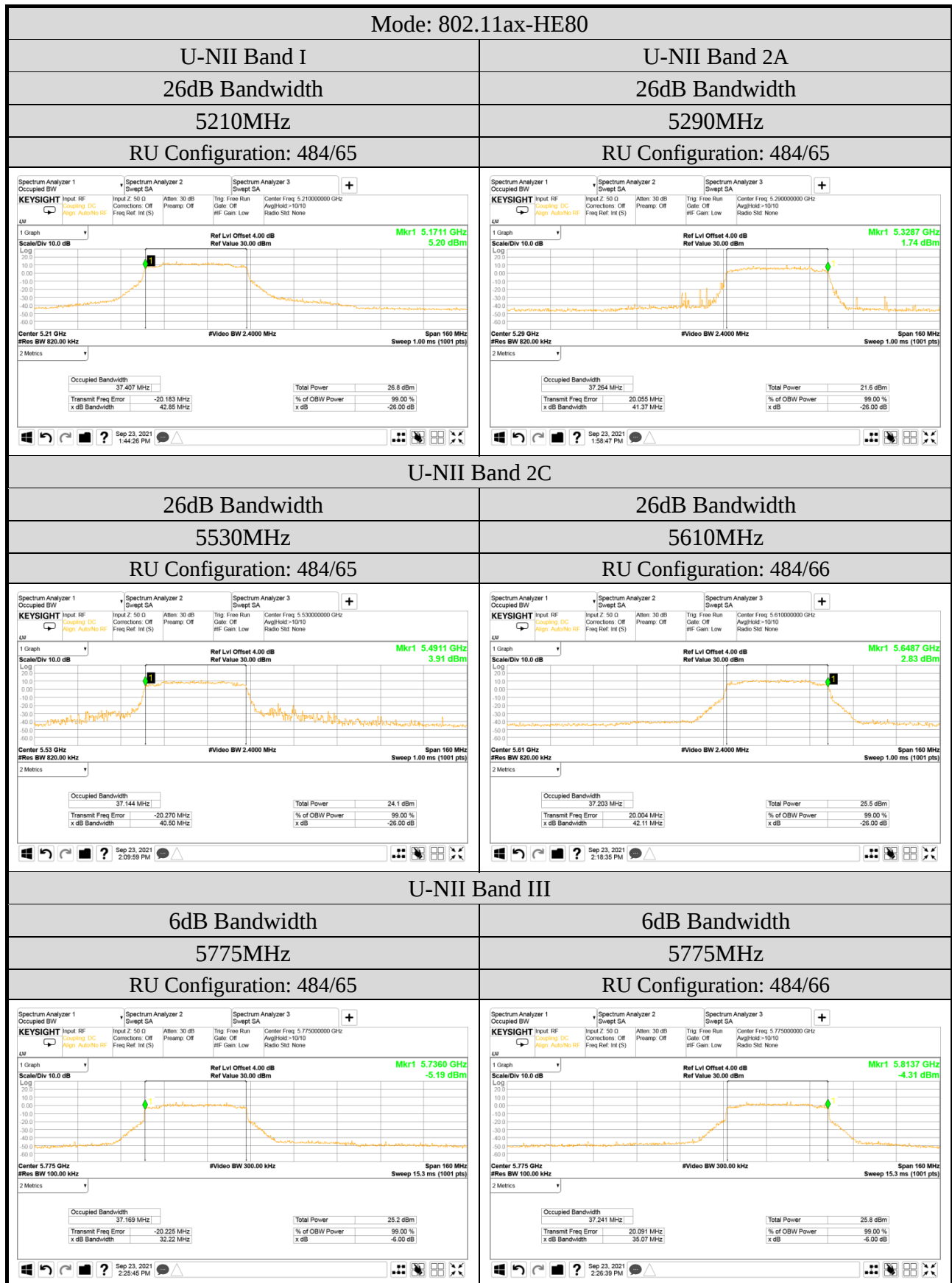
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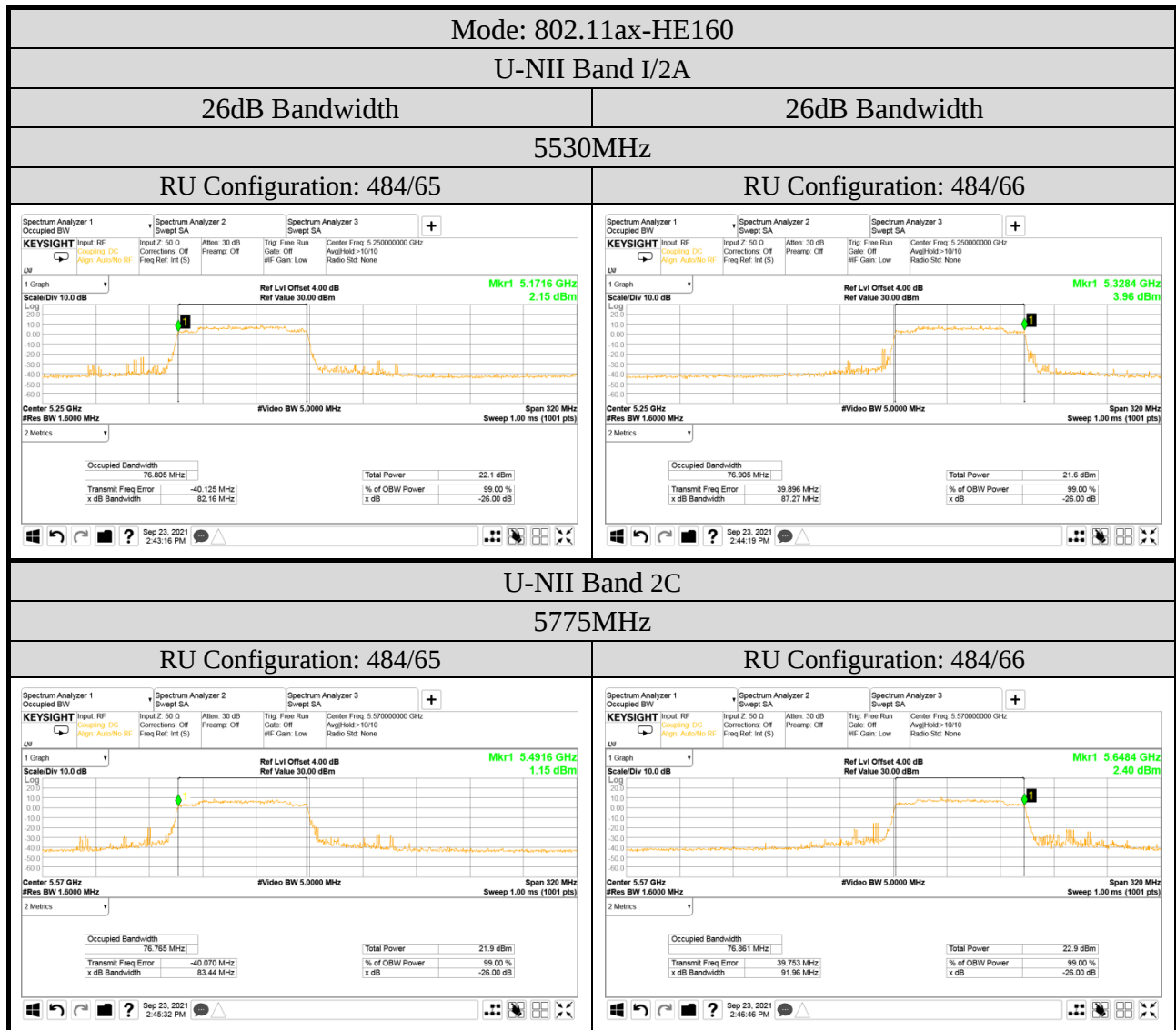
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A.4. MAXIMUM OUTPUT POWER

Test Date	2021/09/08~09	Temp./Hum.	23~24°C / 49~51%
Cable Loss	1.0dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.4.1 Average Output Power

Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Max Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11a	I	5180	17.98	18.14	0	18.14	0.065	< 250 mW (24 dBm)
		5200	18.91	18.59		18.91	0.078	
		5240	19.08	18.97		19.08	0.081	
	2A	5260	18.90	19.10		19.10	0.081	
		5300	18.90	18.92		18.92	0.078	
		5320	18.08	17.78		18.08	0.064	
	2C	5500	18.68	18.01		18.68	0.074	
		5580	18.47	18.60		18.60	0.072	
		5700	18.37	18.20		18.37	0.069	
		5720	17.91	17.55		17.91	0.062	
	III	5745	18.13	18.15		18.15	0.065	< 1 W (30 dBm)
		5785	18.23	17.66		18.23	0.067	
		5825	18.11	17.86		18.11	0.065	

Note: The results have been included cable loss.

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Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11n-HT20	I	5180	15.29	15.53	0	18.42	0.070	< 250 mW (24 dBm)
		5200	15.83	16.16		19.01	0.080	
		5240	15.63	16.25		18.96	0.079	
	2A	5260	15.92	16.19		19.07	0.081	
		5300	15.87	16.20		19.05	0.080	
		5320	15.00	15.17		18.10	0.065	
	2C	5500	15.47	15.75		18.62	0.073	
		5580	16.97	17.35		20.17	0.104	
		5700	14.31	14.70		17.52	0.056	
		5720	17.15	17.34		20.26	0.106	
	III	5745	17.24	17.01		20.14	0.103	< 1 W (30 dBm)
		5785	16.96	17.30		20.14	0.103	
		5825	17.15	16.87		20.02	0.100	
802.11n-HT40	I	5190	15.47	15.68	0	18.59	0.072	< 250 mW (24 dBm)
		5230	16.05	15.87		18.97	0.079	
	2A	5270	15.90	15.98		18.95	0.079	
		5310	14.55	14.79		17.68	0.059	
	2C	5510	15.00	14.97		18.00	0.063	
		5550	15.65	15.30		18.49	0.071	
		5670	17.05	16.81		19.94	0.099	
		5710	17.65	17.82		20.75	0.119	
	III	5755	17.34	17.77		20.57	0.114	< 1 W (30 dBm)
		5795	17.52	17.48		20.51	0.112	
802.11ac-VHT80	I	5210	15.82	15.62	0	18.73	0.075	< 250 mW (24 dBm)
	2A	5290	14.66	14.53		17.61	0.058	
	2C	5530	15.42	15.23		18.34	0.068	
		5610	17.72	17.51		20.63	0.116	
		5690	18.03	17.84		20.95	0.124	
	III	5775	16.45	16.26		19.37	0.086	< 1 W (30 dBm)
802.11ac-VHT160	I/ 2A	5250	11.34	11.53	0	14.45	0.028	< 250 mW (24 dBm)
	2C	5570	10.91	10.94		13.94	0.025	

Note: The results have been included cable loss.

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Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE20	I	5180	15.42	15.04	0	18.24	0.067	< 250 mW (24 dBm)
		5200	15.84	15.90		18.88	0.077	
		5240	16.00	15.81		18.92	0.078	
	2A	5260	16.07	15.89		18.99	0.079	
		5300	16.03	15.95		19.00	0.079	
		5320	15.24	14.91		18.09	0.064	
	2C	5500	15.59	15.45		18.53	0.071	
		5580	17.04	16.69		19.88	0.097	
		5700	14.76	14.57		17.68	0.059	
		5720	17.15	16.88		20.03	0.101	
	III	5745	16.91	17.18		20.06	0.101	< 1 W (30 dBm)
		5785	17.10	17.05		20.09	0.102	
		5825	16.97	17.30		20.15	0.104	
802.11ax-HE40	I	5190	15.10	14.89	0	18.01	0.063	< 250 mW (24 dBm)
		5230	16.79	16.50		19.66	0.092	
	2A	5270	16.20	16.09		19.16	0.082	
		5310	14.04	14.15		17.11	0.051	
	2C	5510	14.59	14.24		17.43	0.055	
		5550	15.43	15.33		18.39	0.069	
		5670	16.66	16.40		19.54	0.090	
		5710	17.29	16.84		20.08	0.102	
	III	5755	17.05	17.22		20.15	0.104	< 1 W (30 dBm)
		5795	17.21	17.15		20.19	0.104	
802.11ax-HE80	I	5210	15.55	15.37	0	18.47	0.070	< 250 mW (24 dBm)
	2A	5290	14.32	14.38		17.36	0.054	
	2C	5530	14.88	15.13		18.02	0.063	
		5610	17.42	17.09		20.27	0.106	
		5690	17.44	17.15		20.31	0.107	
	III	5775	16.09	16.12		19.12	0.082	< 1 W (30 dBm)
802.11ax-HE160	I/ 2A	5250	11.47	11.78	0	14.64	0.029	< 250 mW (24 dBm)
	2C	5570	11.12	11.44		14.29	0.027	

Note: The results have been included cable loss.

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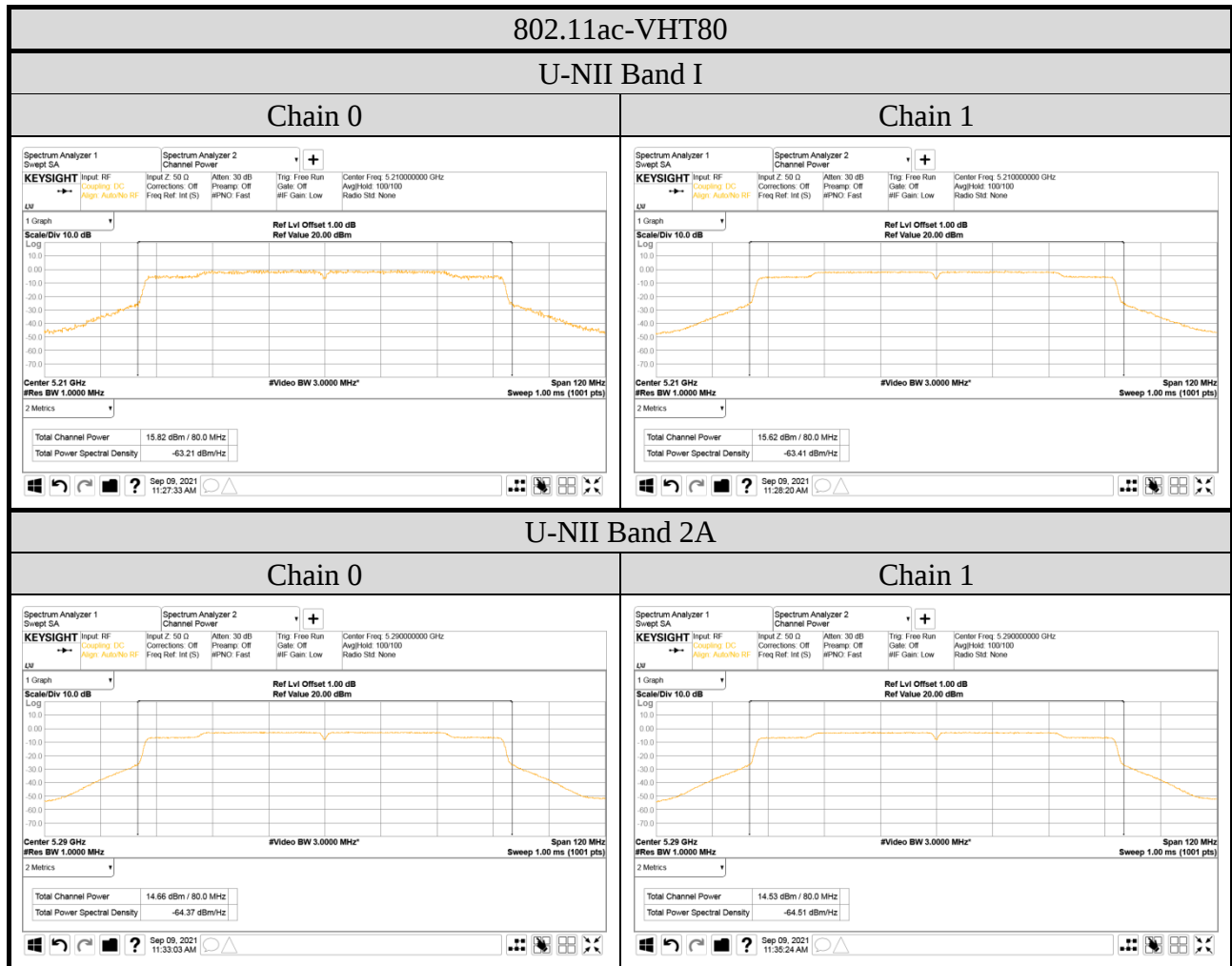
Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
				Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE20	I	5180	26/0	11.35	11.00	0	14.19	0.026	< 250 mW (24 dBm)
			52/37	14.16	14.00		17.09	0.051	
			106/53	15.43	15.20		18.33	0.068	
	2A	5320	26/8	11.61	11.45		14.54	0.028	
			52/40	11.67	11.29		14.49	0.028	
			106/54	15.29	15.49		18.40	0.069	
	2C	5500	26/0	11.37	11.09		14.24	0.027	
			52/37	14.68	14.22		17.47	0.056	
			106/53	15.43	15.68		18.57	0.072	
		5700	26/8	11.58	11.36		14.48	0.028	
			52/40	12.77	12.46		15.63	0.037	
			106/54	14.36	14.09		17.24	0.053	
	III	5745	26/0	11.51	11.10		14.32	0.027	< 1 W (30 dBm)
			52/37	14.39	14.00		17.21	0.053	
			106/53	16.97	16.70		19.85	0.097	
		5825	26/8	14.98	14.65		17.83	0.061	
			52/40	16.18	16.95		19.59	0.091	
			106/54	16.55	16.60		19.59	0.091	
802.11ax-HE40	I	5190	242/61	15.41	14.99	0	18.22	0.066	< 250 mW (24 dBm)
	2A	5310	242/62	13.97	14.41		17.21	0.053	
	2C	5510	242/61	14.78	14.32		17.57	0.057	
		5670	242/62	16.42	16.39		19.42	0.087	
	III	5755	242/61	16.92	16.63		19.79	0.095	< 1 W (30 dBm)
		5795	242/62	16.53	16.38		19.47	0.089	
802.11ax-HE80	I	5210	484/65	15.24	14.84	0	18.05	0.064	< 250 mW (24 dBm)
	2A	5290	484/66	11.41	11.88		14.66	0.029	
	2C	5530	484/65	13.47	13.47		16.48	0.044	
		5610	484/66	15.67	15.57		18.63	0.073	
	III	5775	484/65	15.66	15.42		18.55	0.072	< 1 W (30 dBm)
			484/66	15.46	15.17		18.33	0.068	
802.11ax-HE160	I/ 2A	5250	996/67	10.37	10.23	0	13.31	0.021	< 250 mW (24 dBm)
			996/S67	10.11	10.08		13.11	0.020	
	2C	5570	996/67	9.72	9.49		12.62	0.018	
			996/S67	10.19	10.02		13.12	0.021	

Note: The results have been included cable loss.

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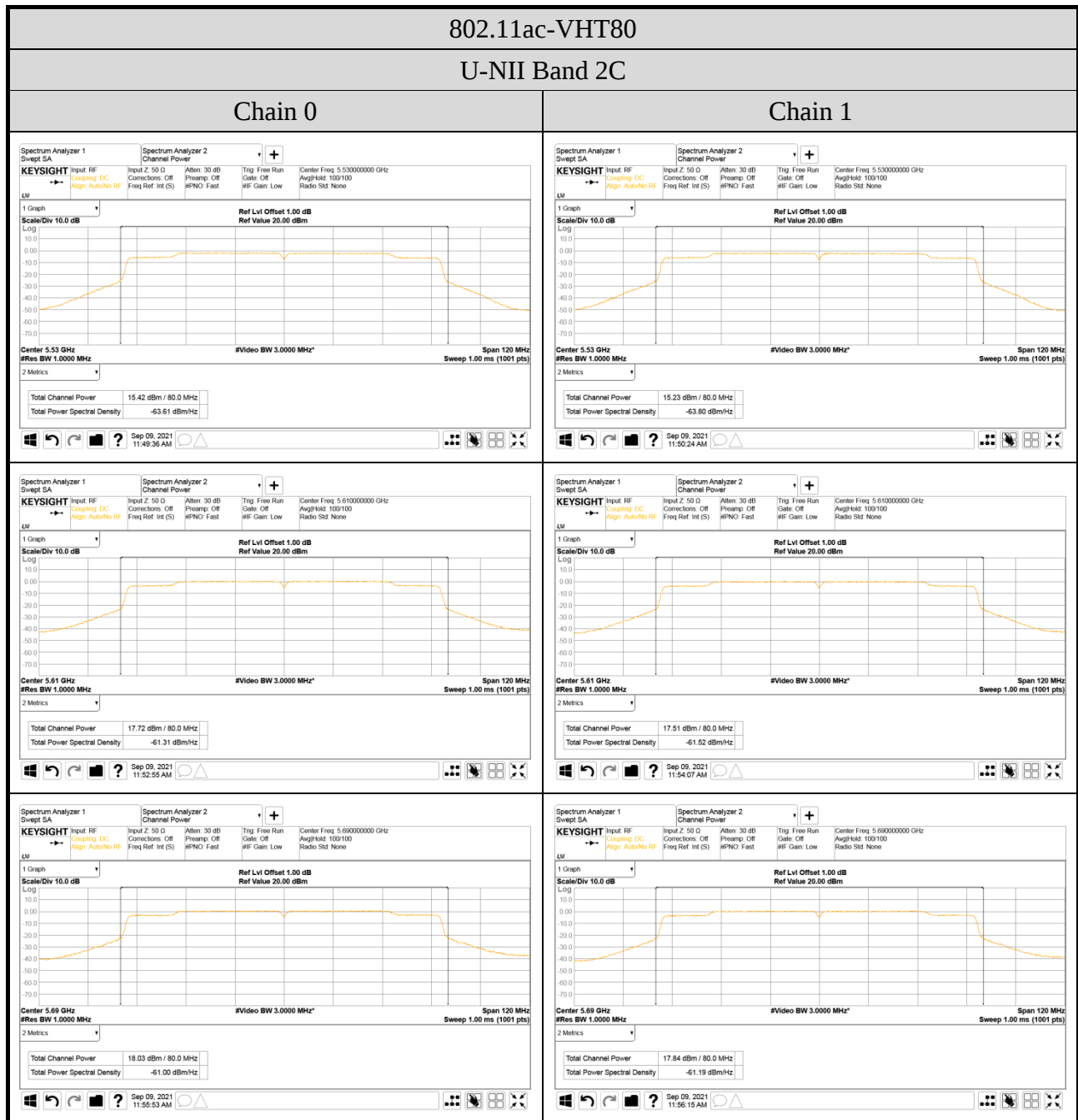
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A.4.2 Measurement Plots



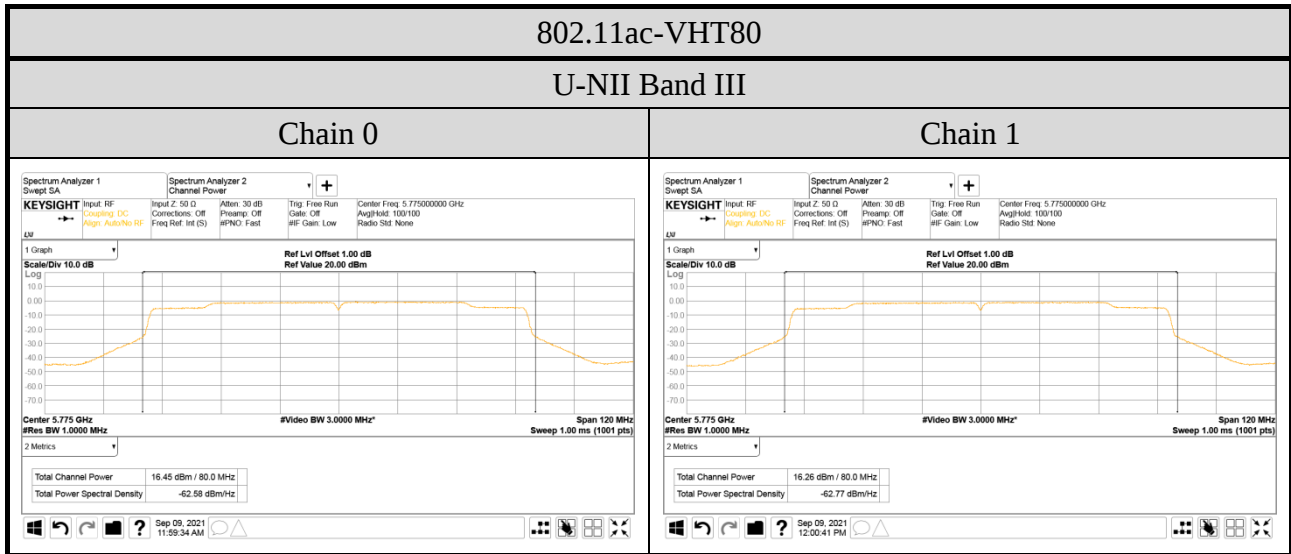
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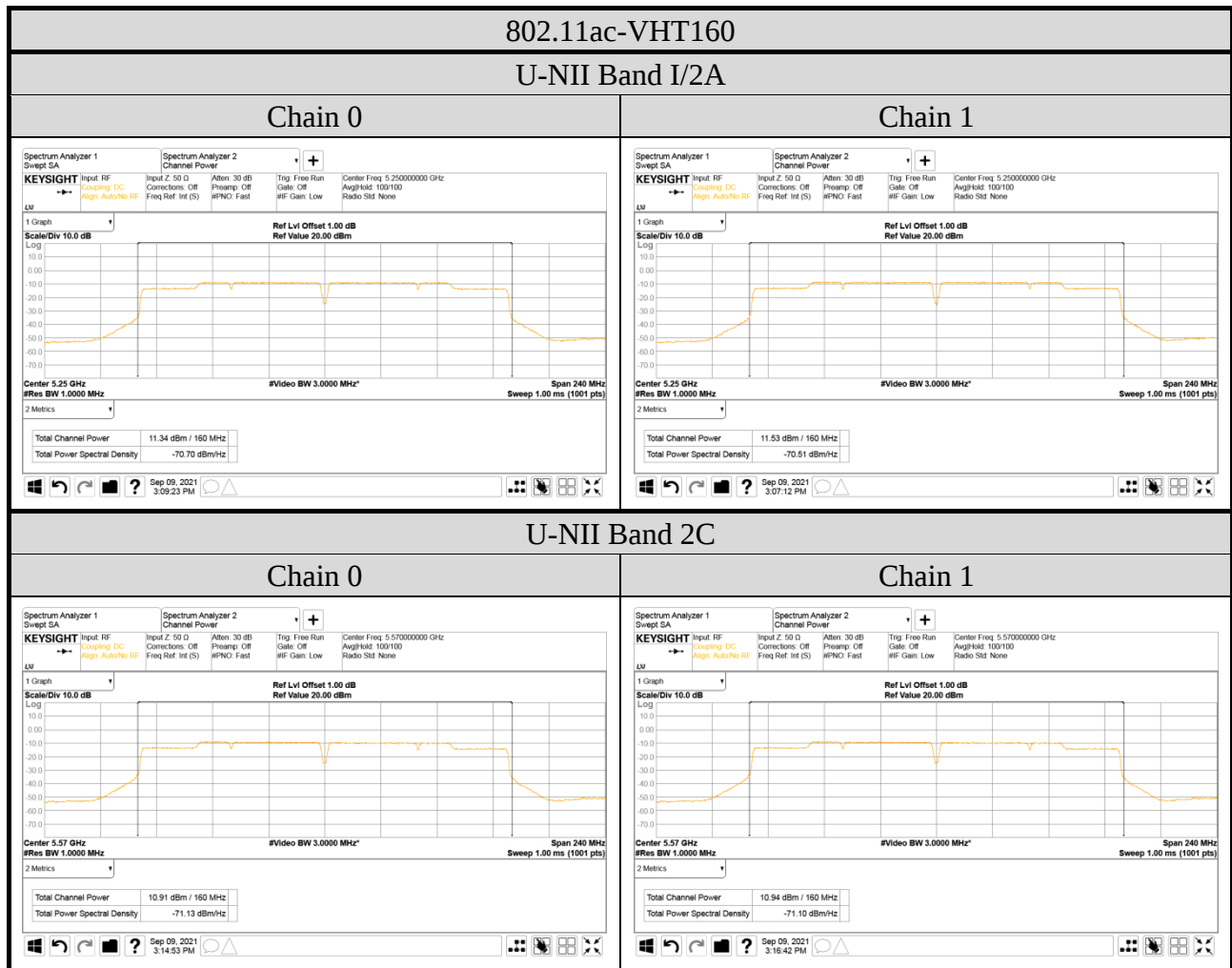
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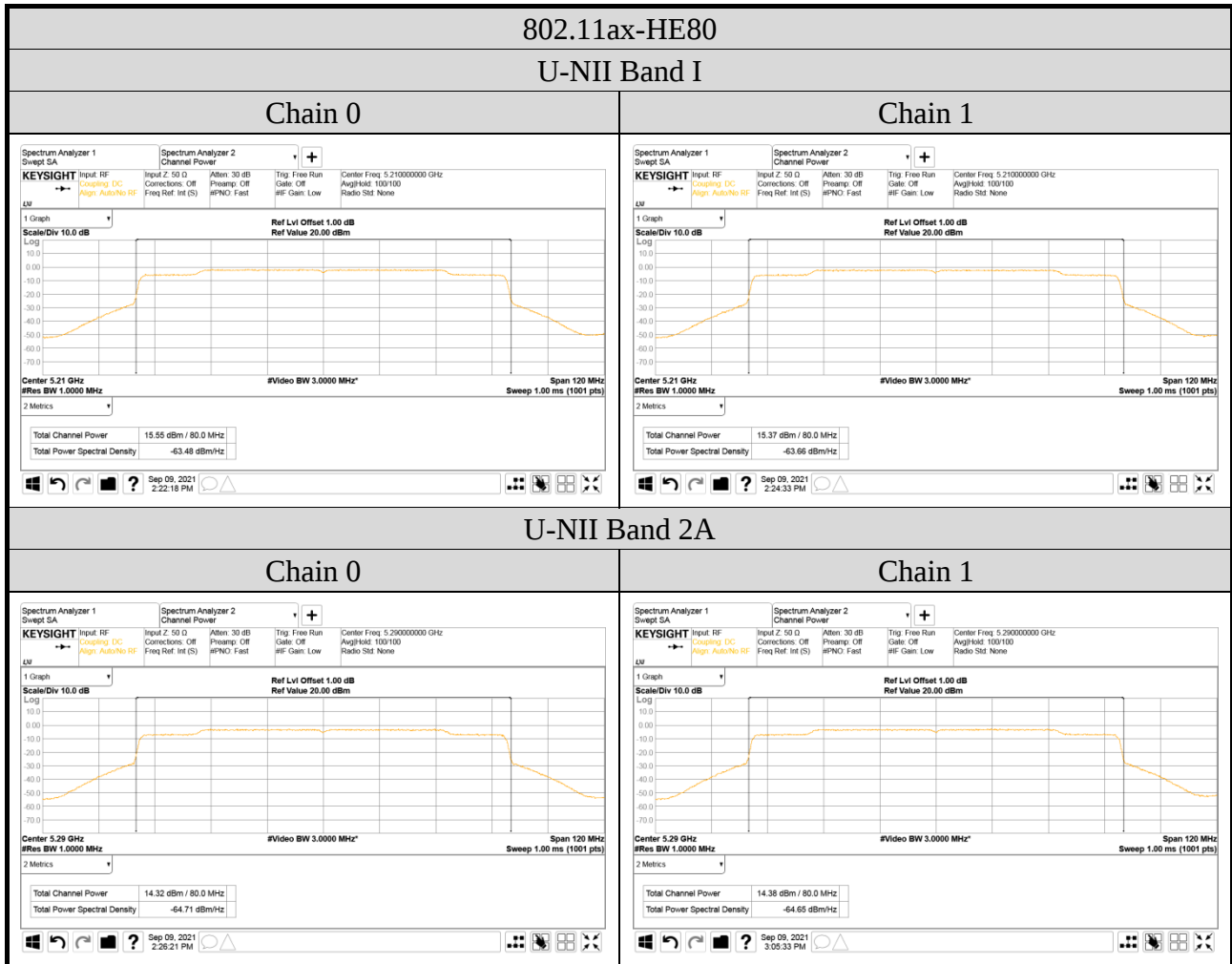
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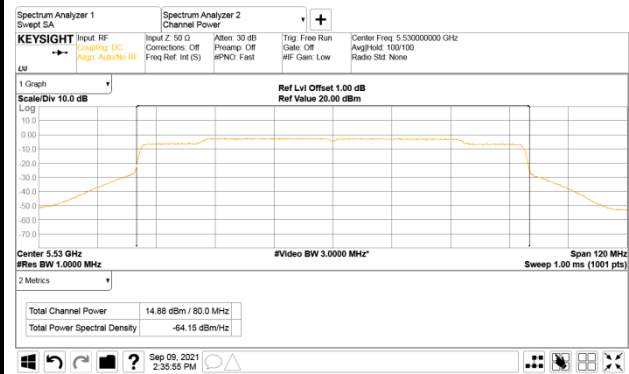
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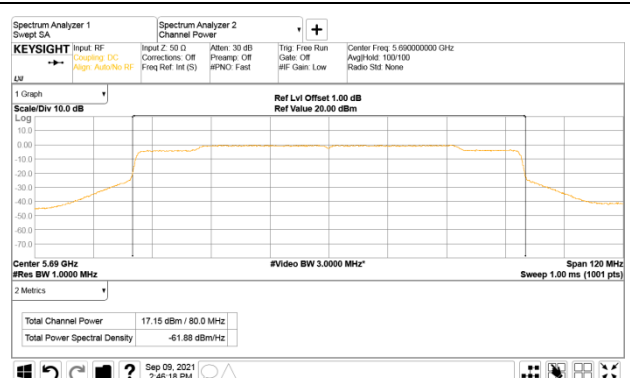
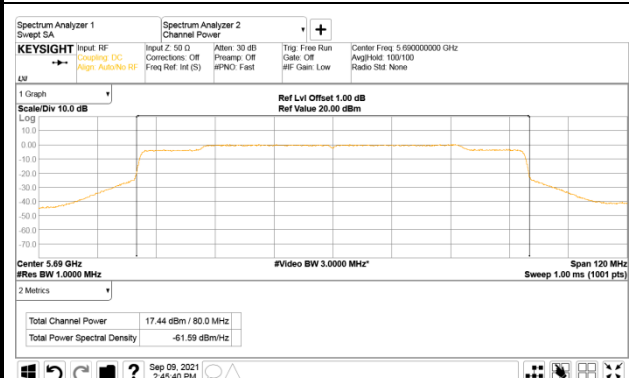
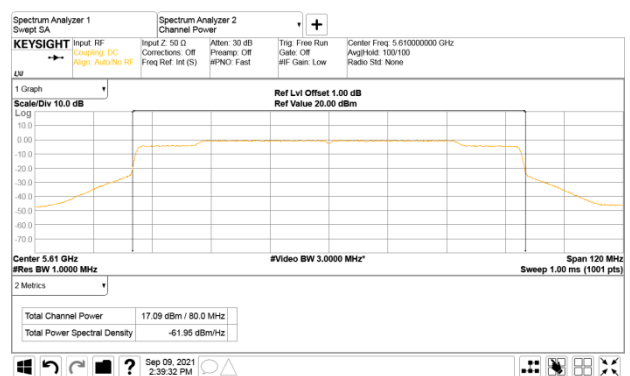
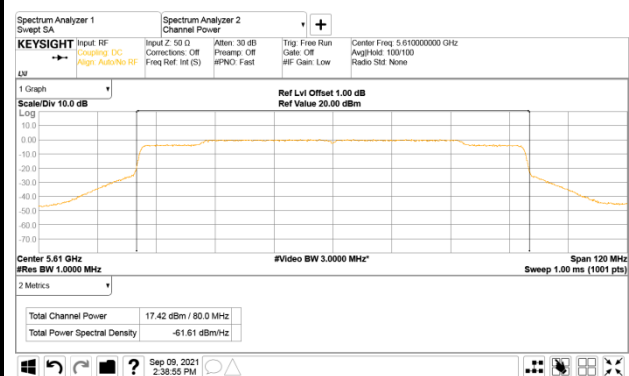
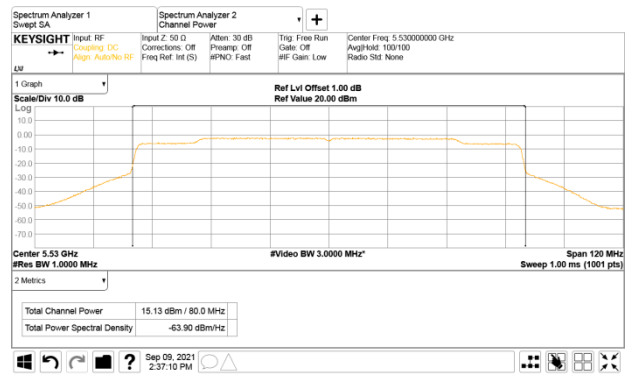
802.11ax-HE 80

U-NII Band 2C

Chain 0

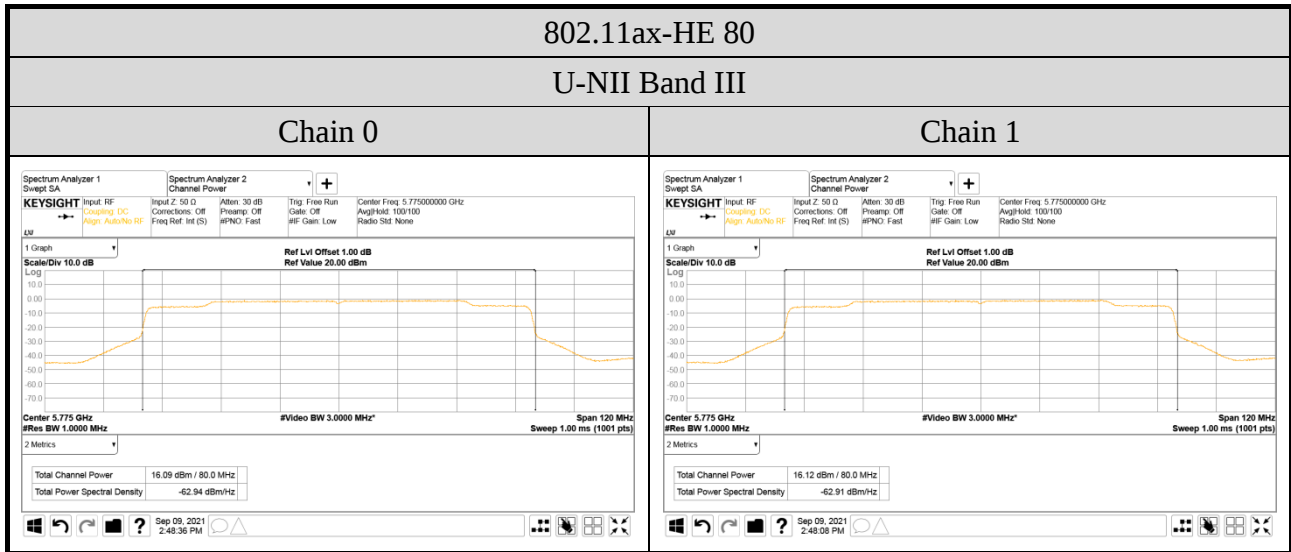


Chain 1



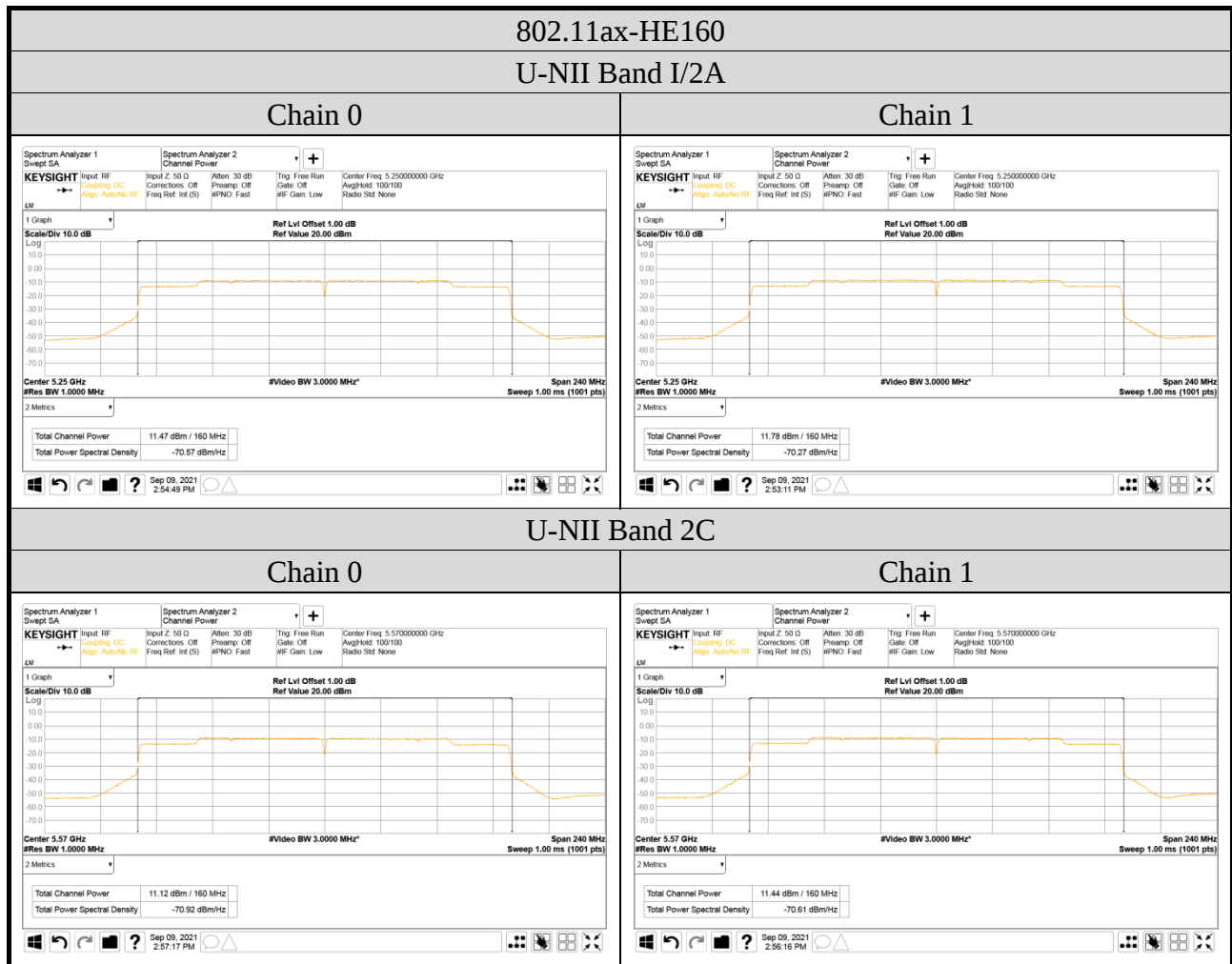
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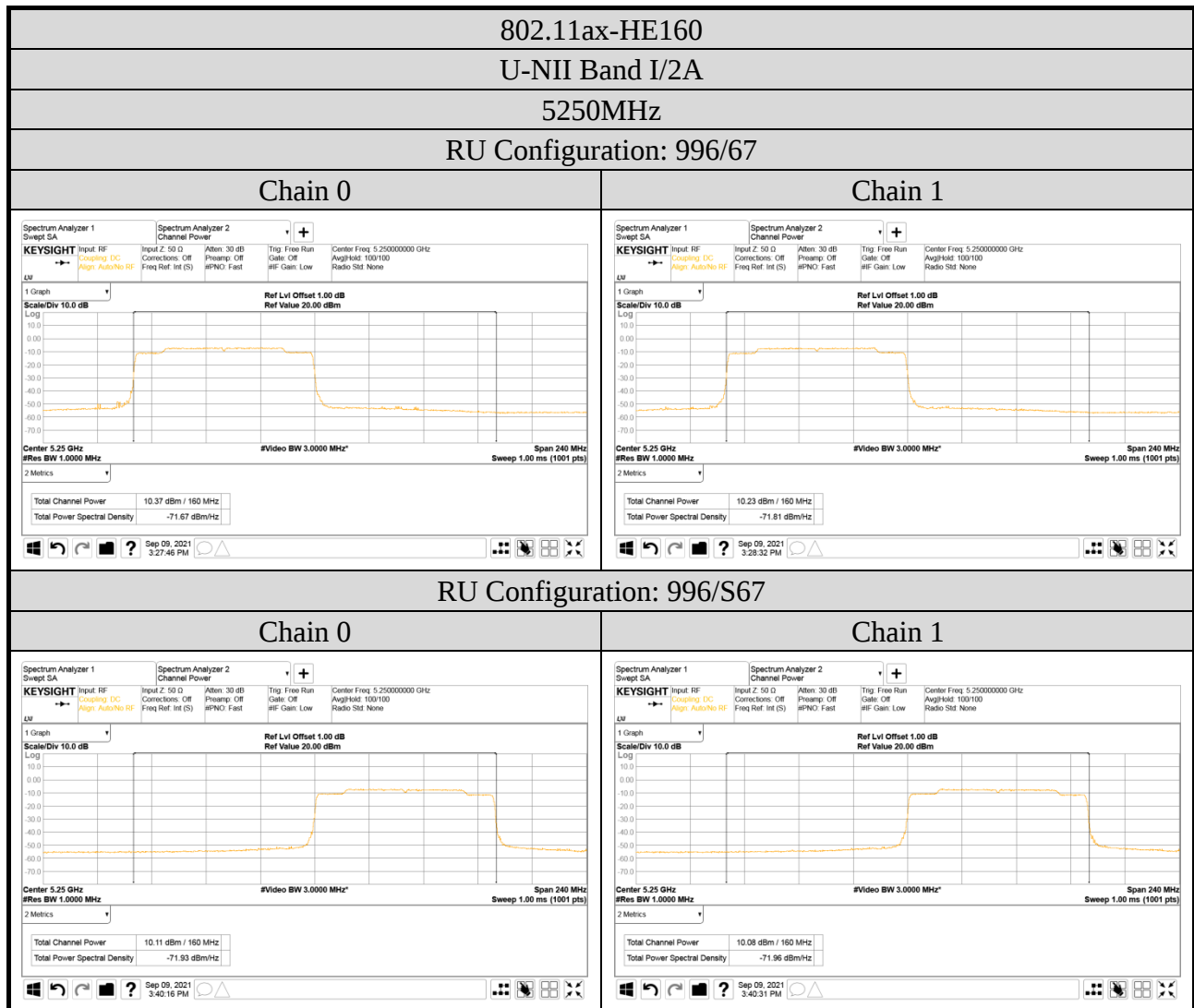
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