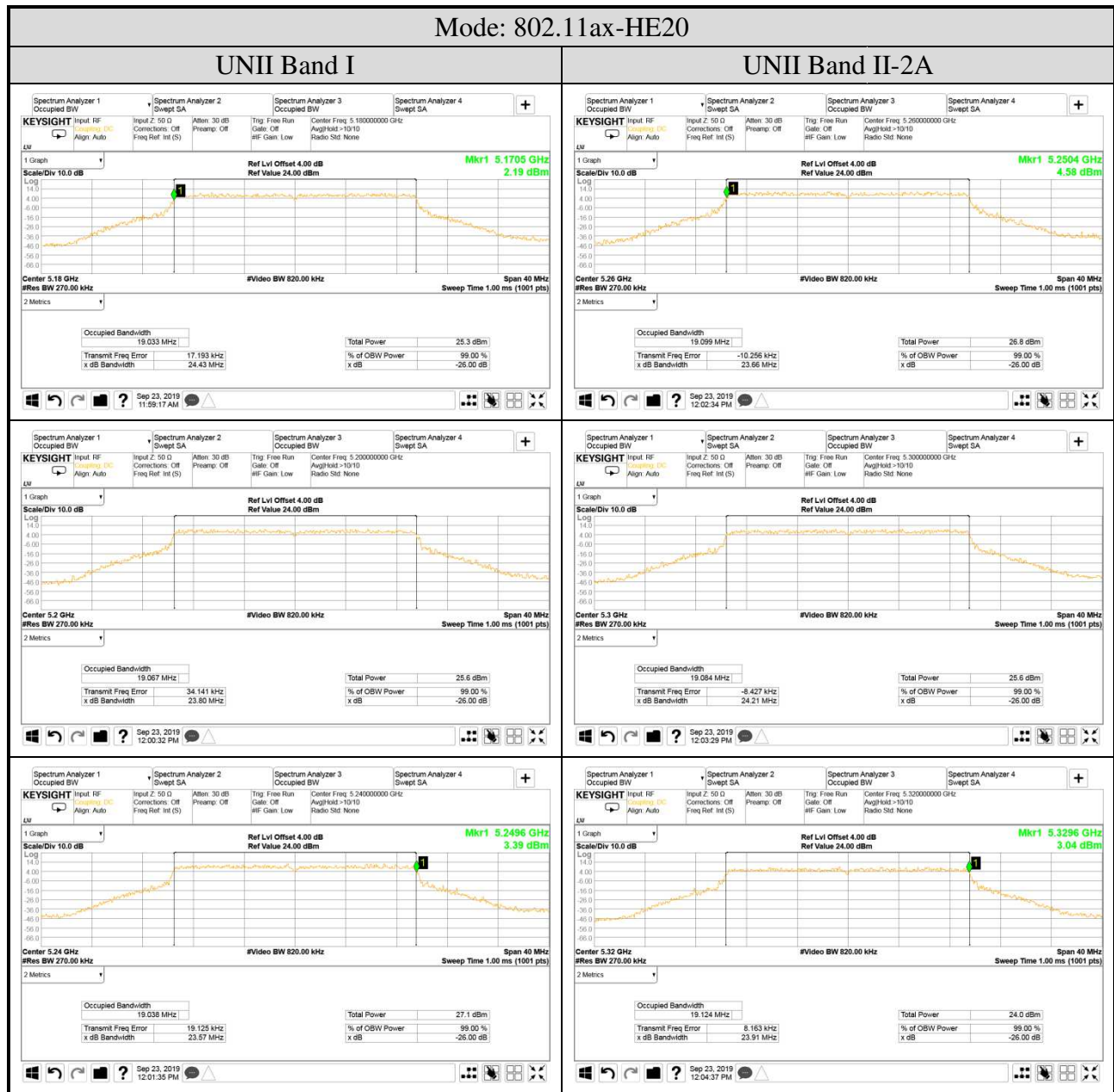


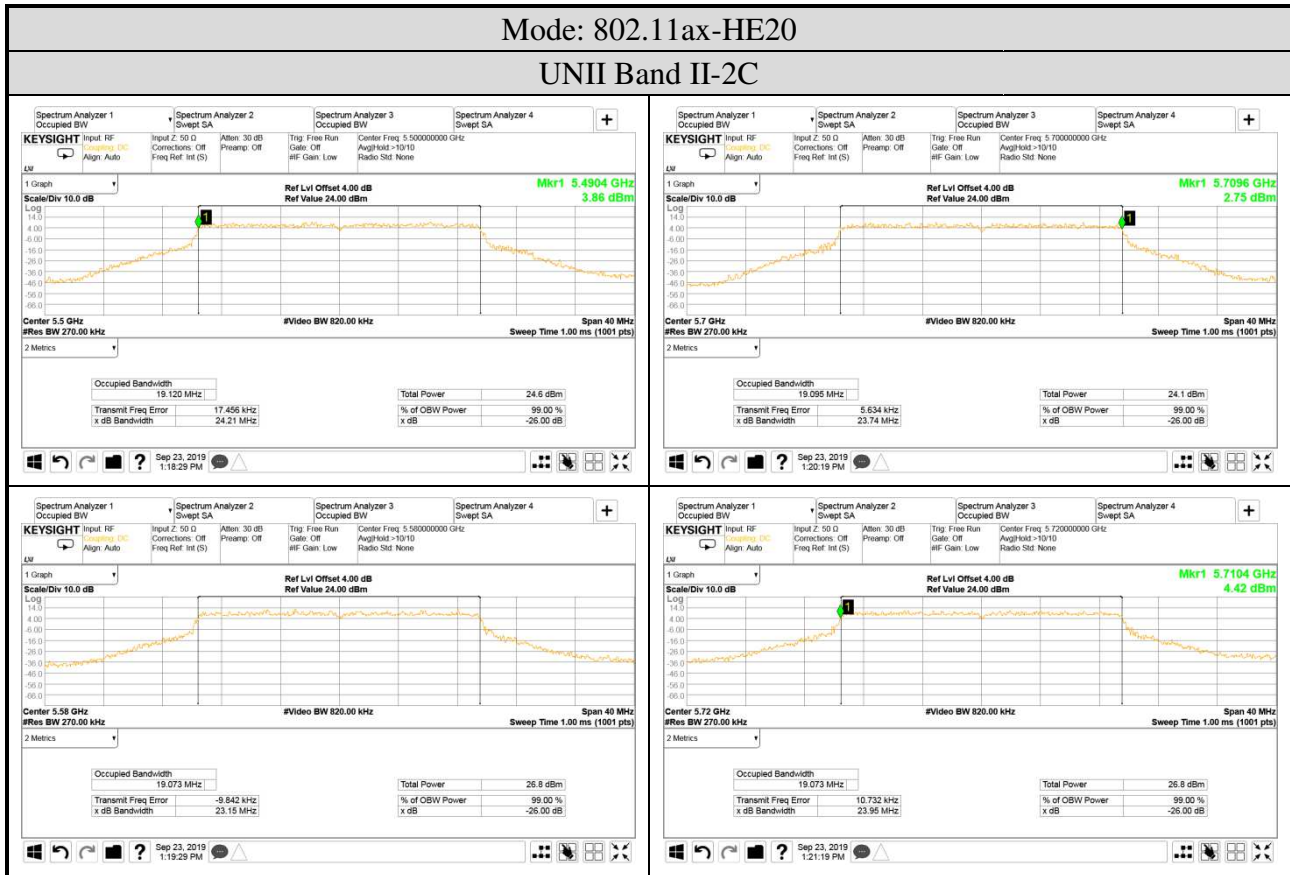
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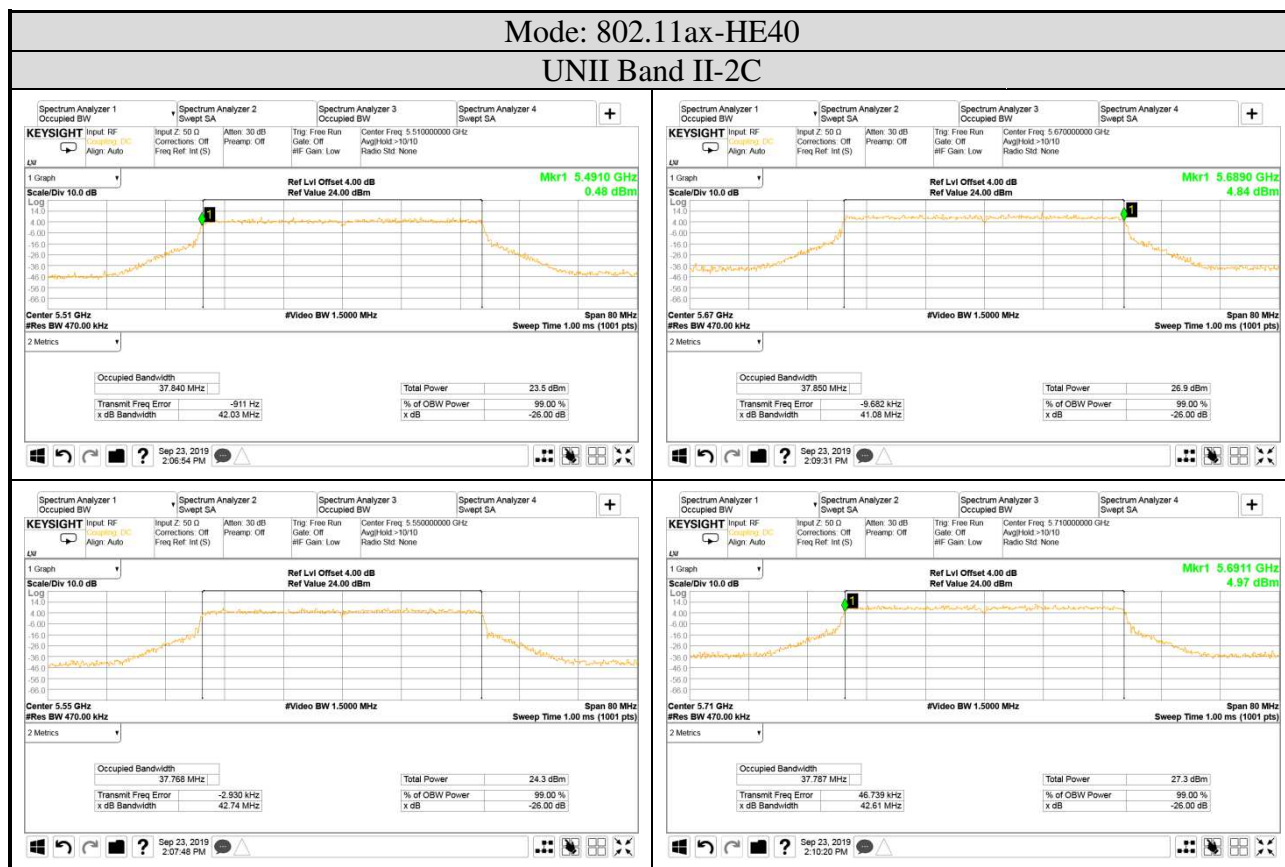
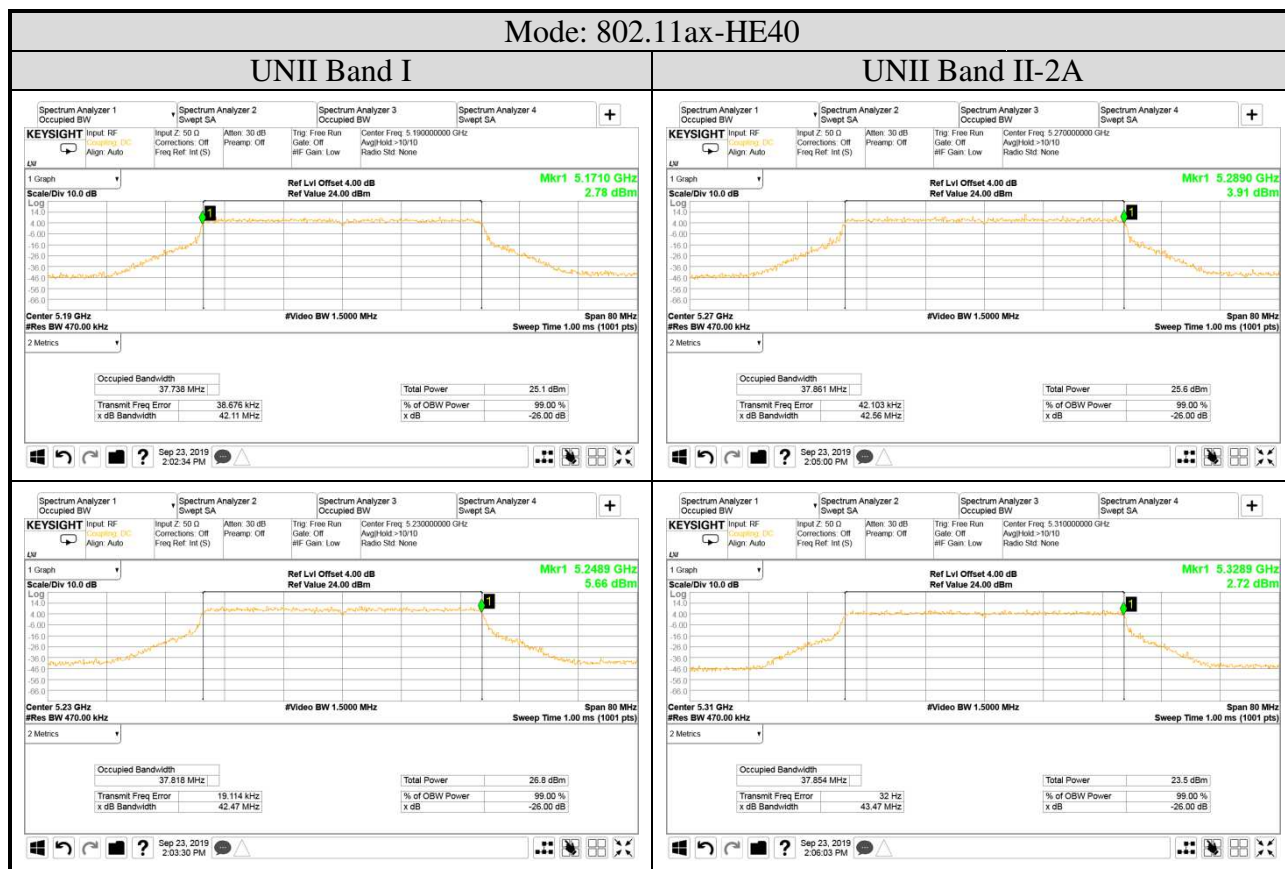
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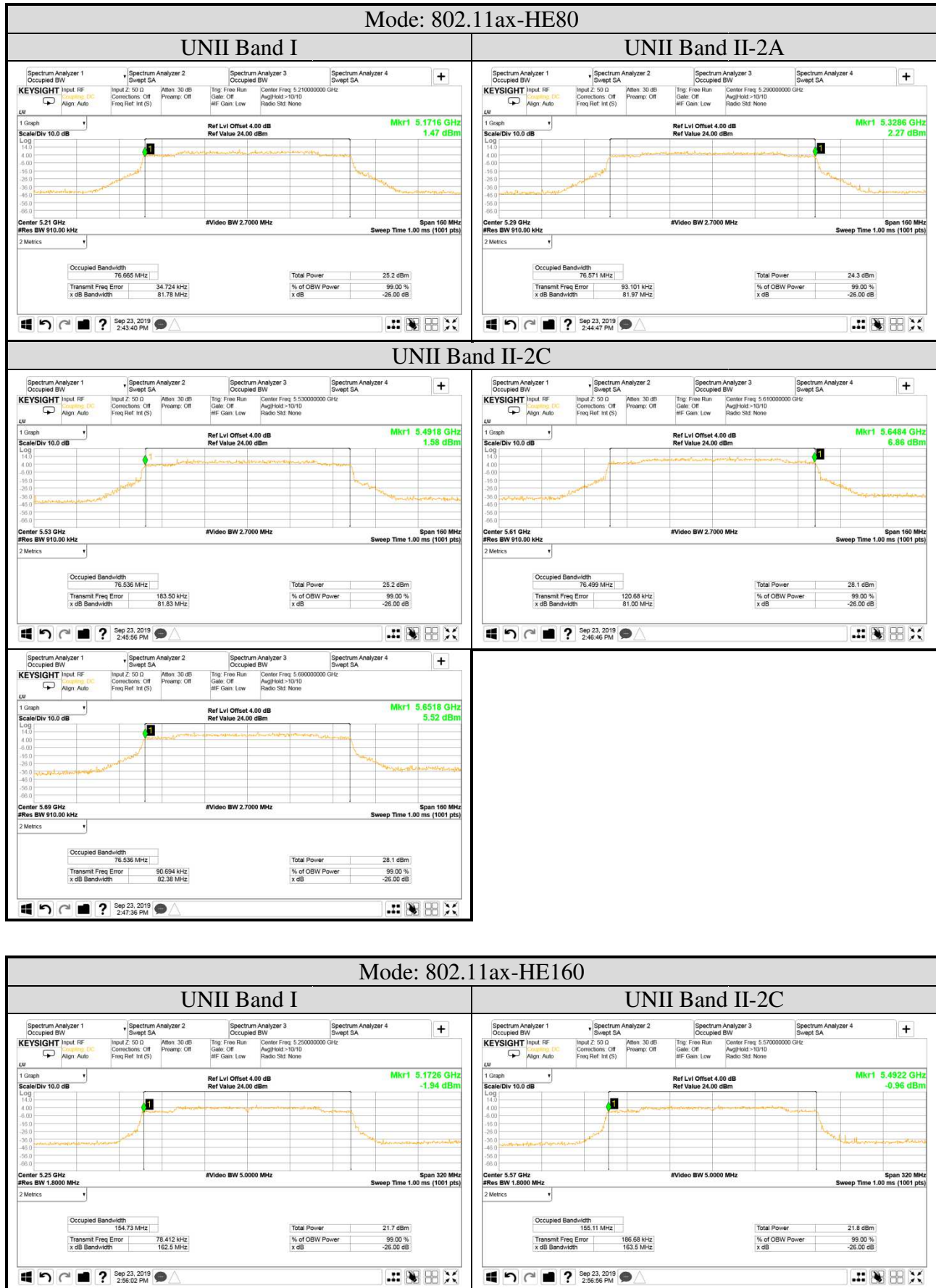
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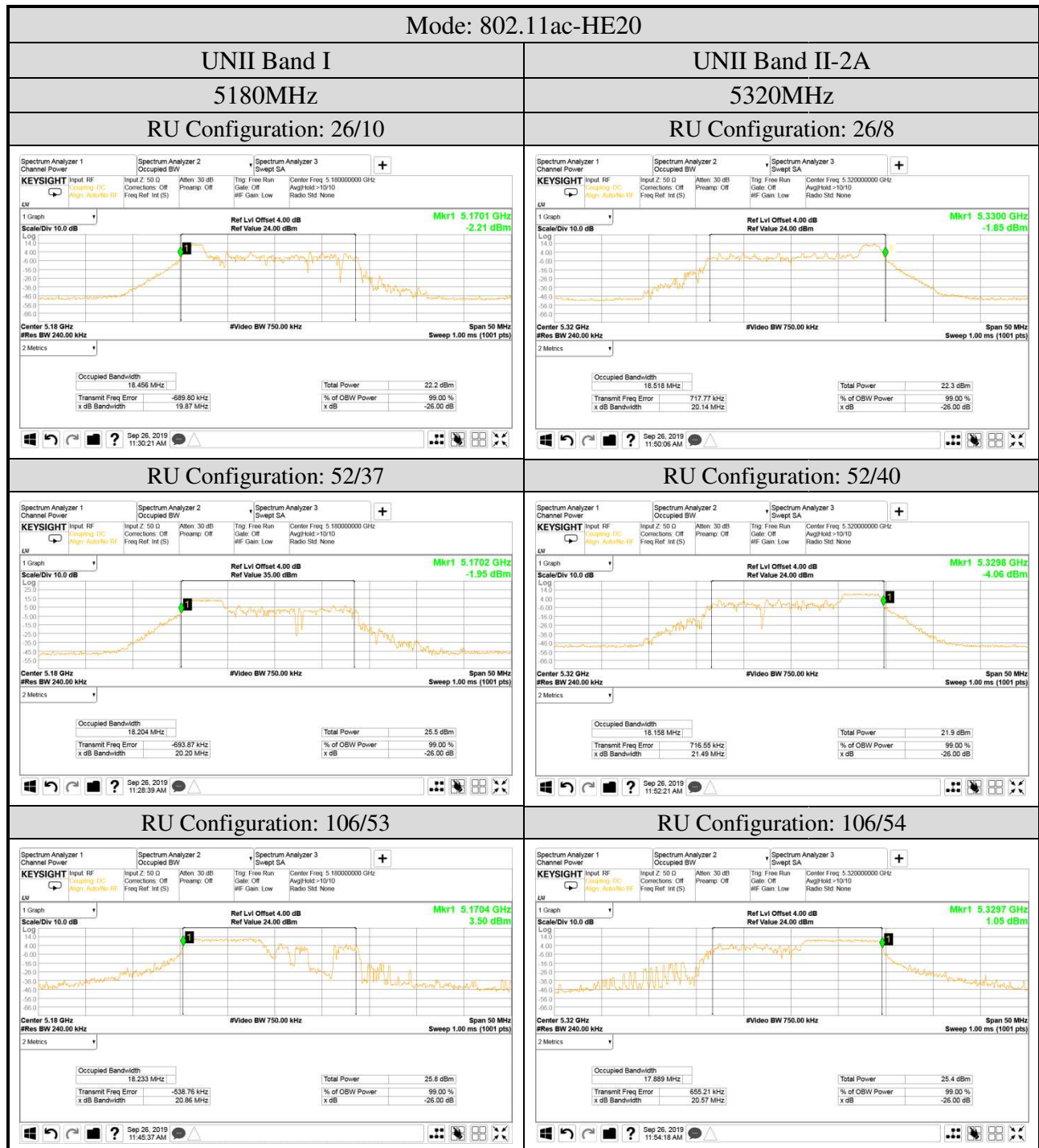


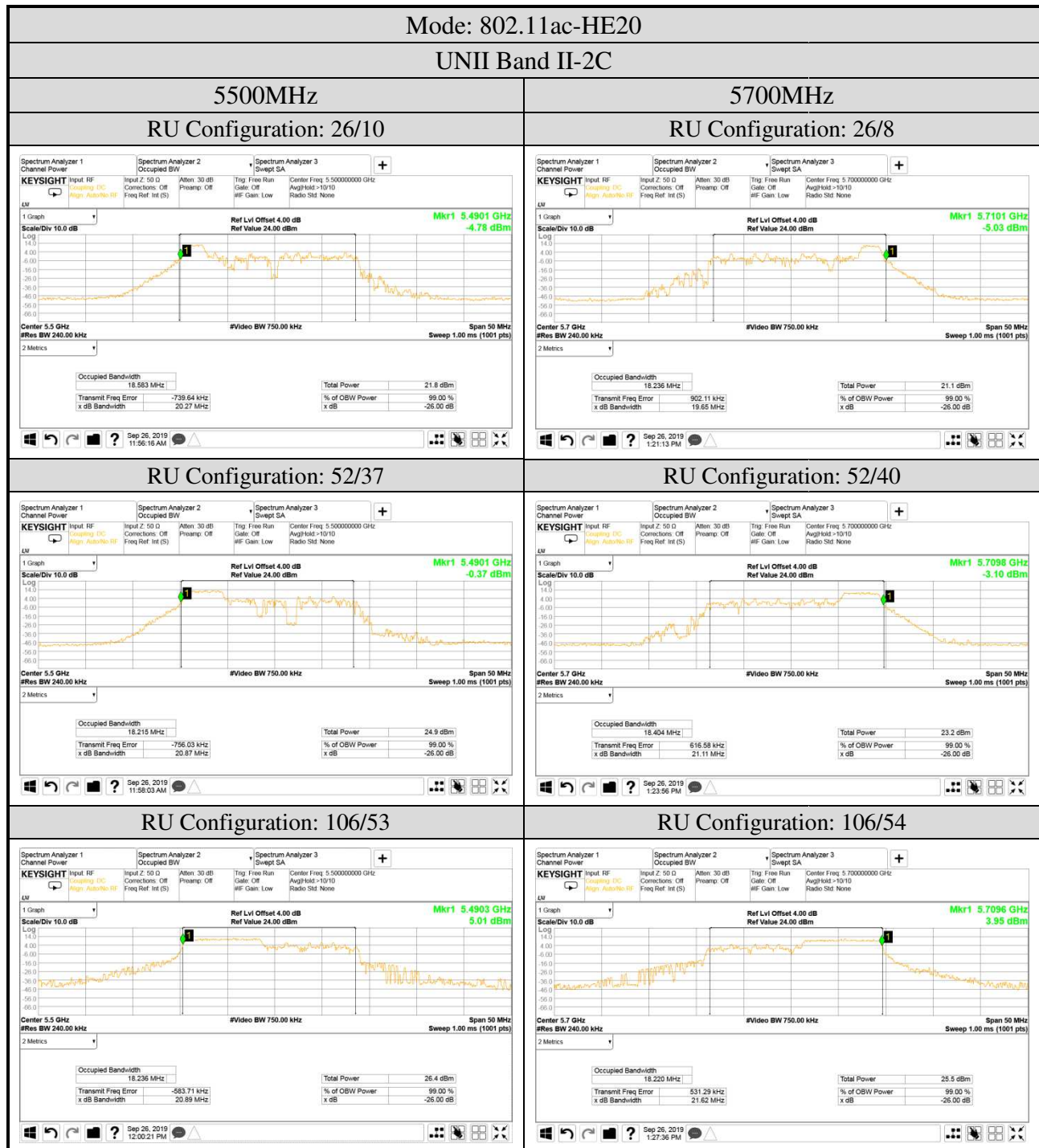


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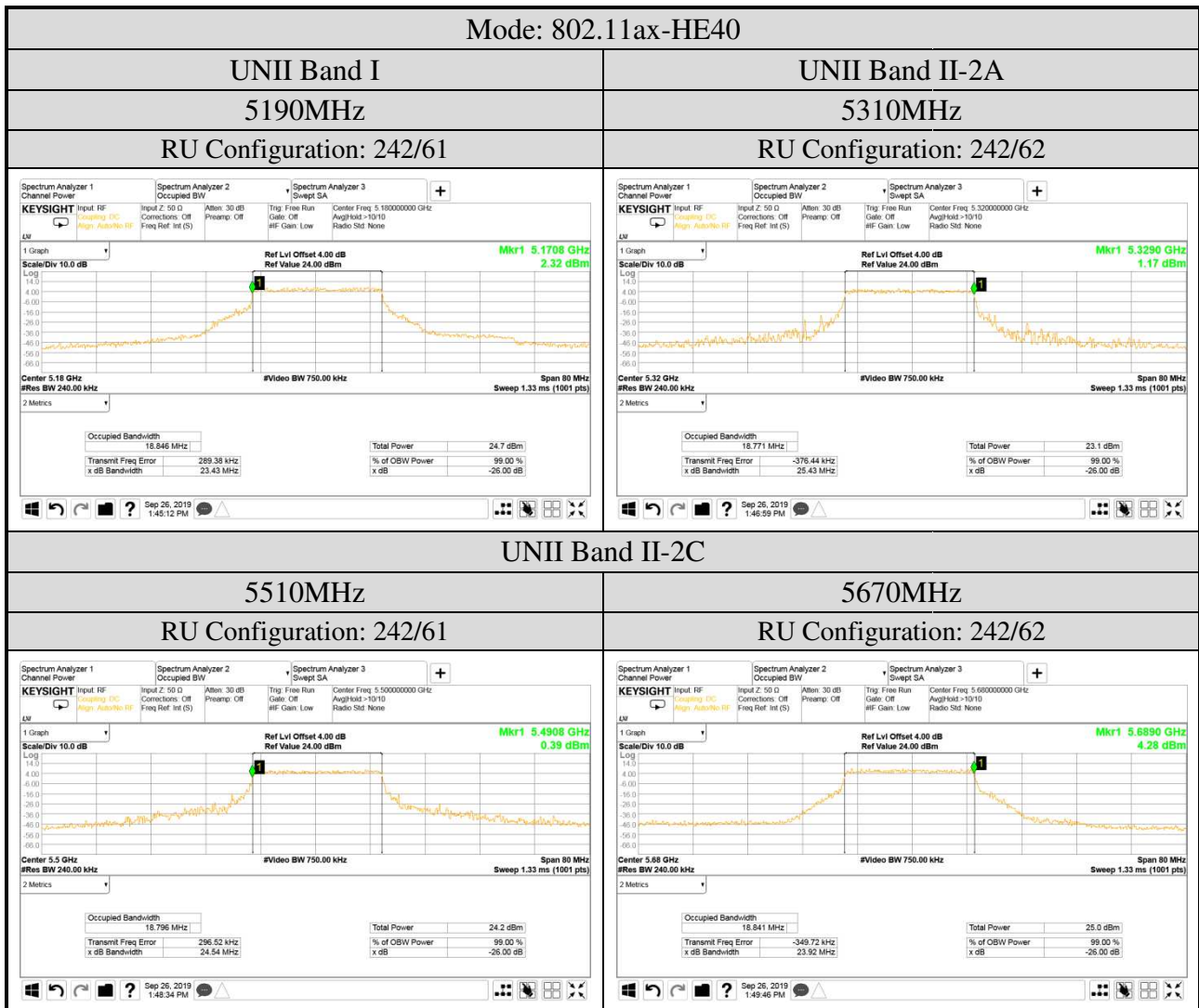






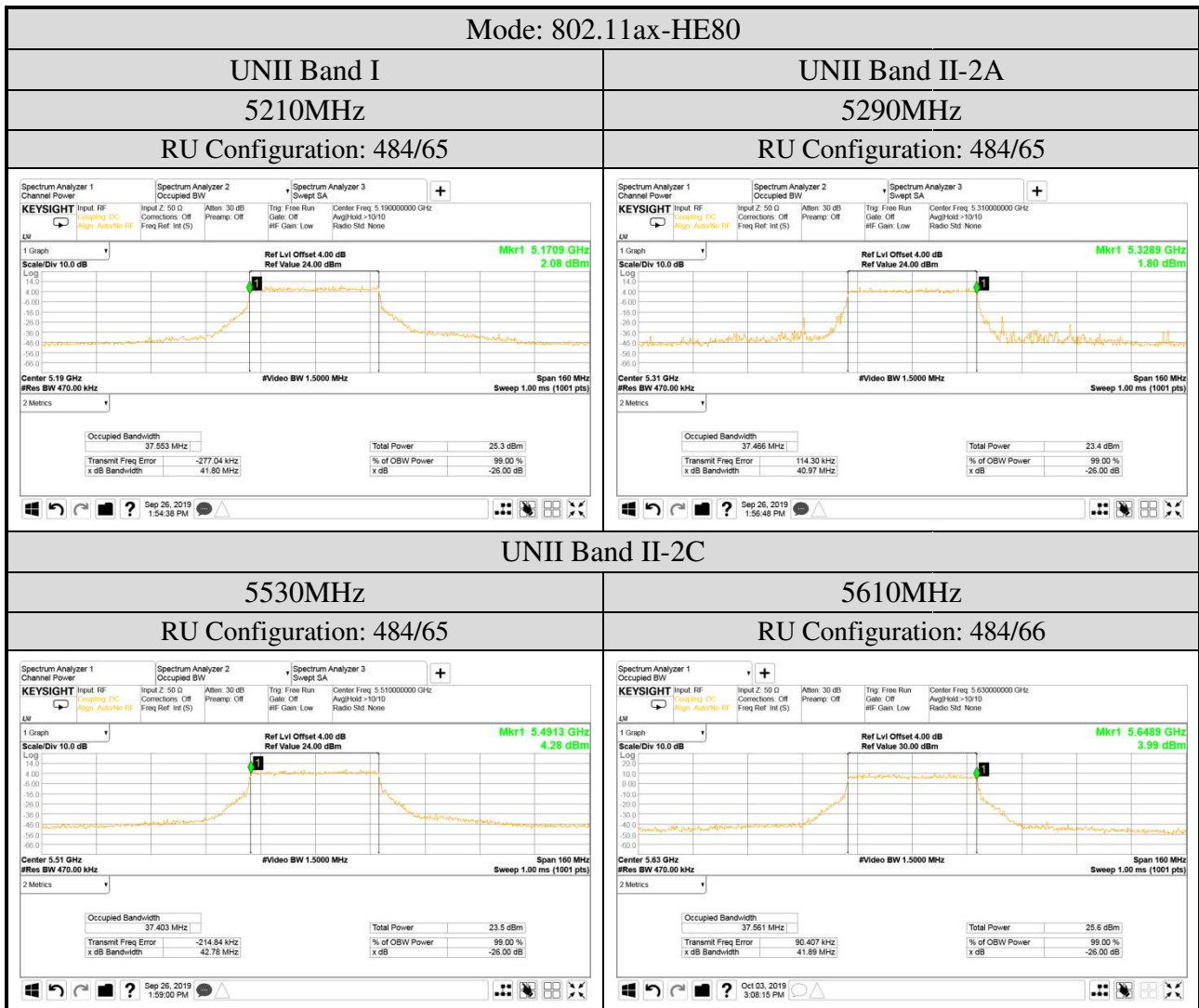
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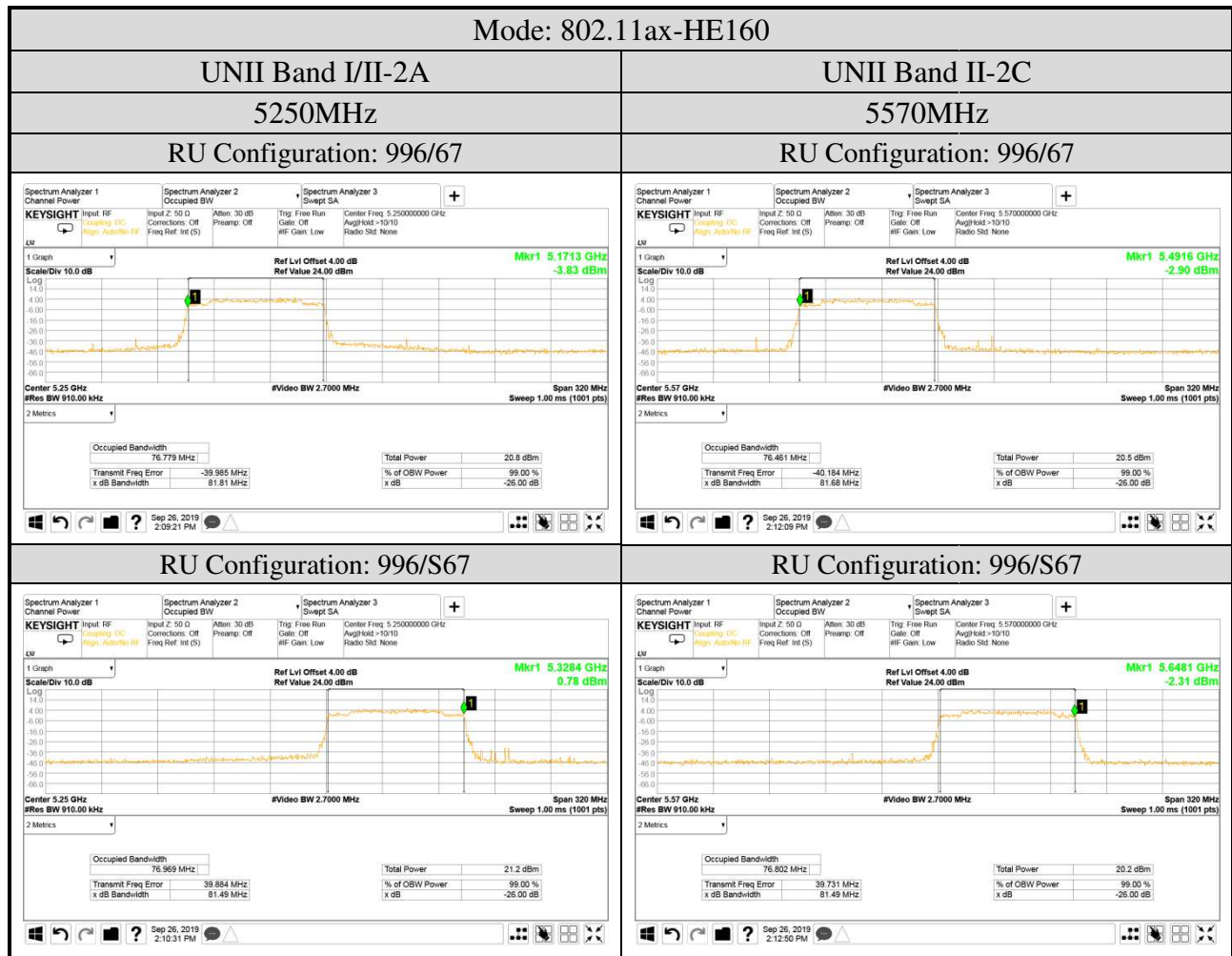
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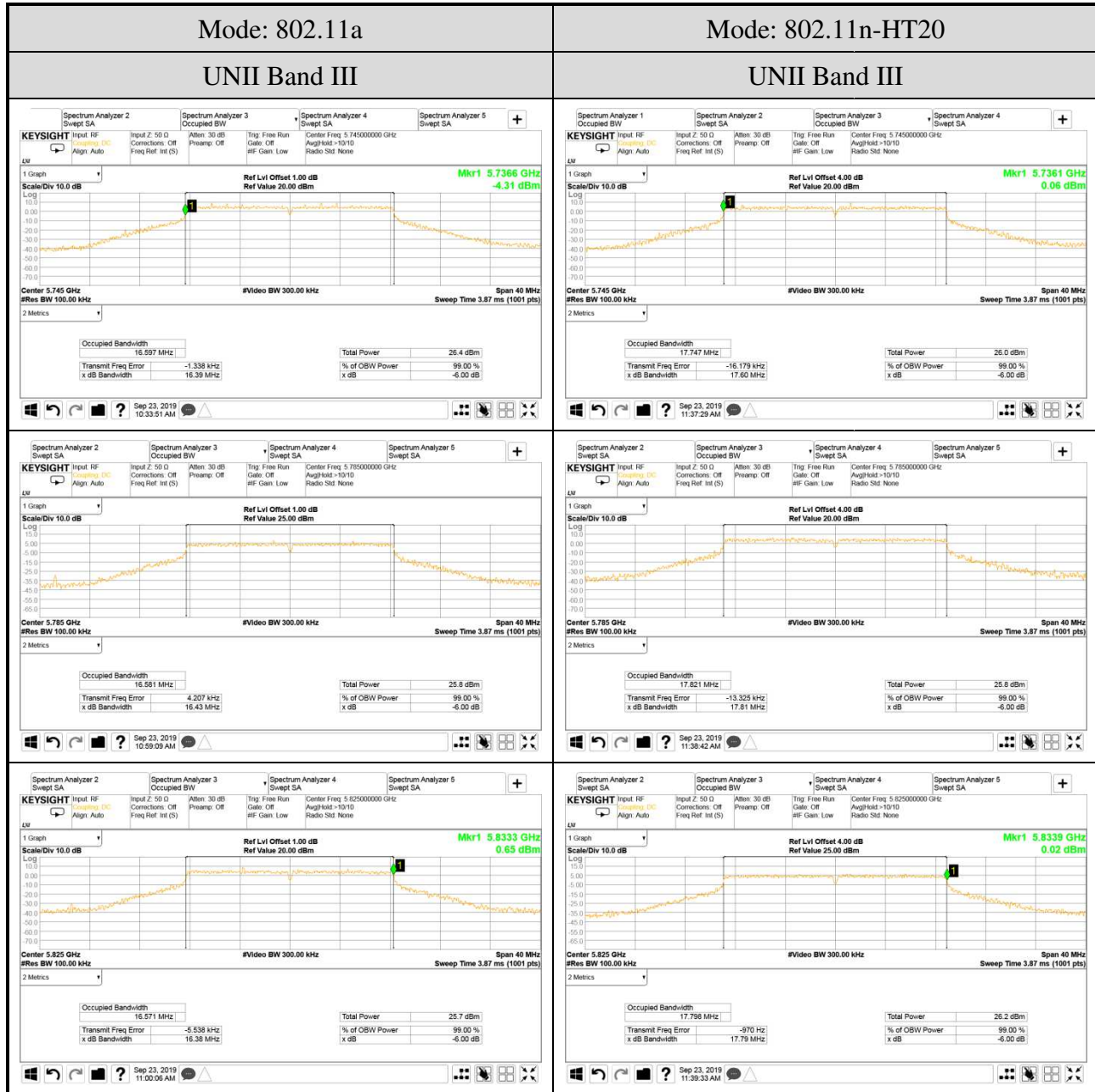


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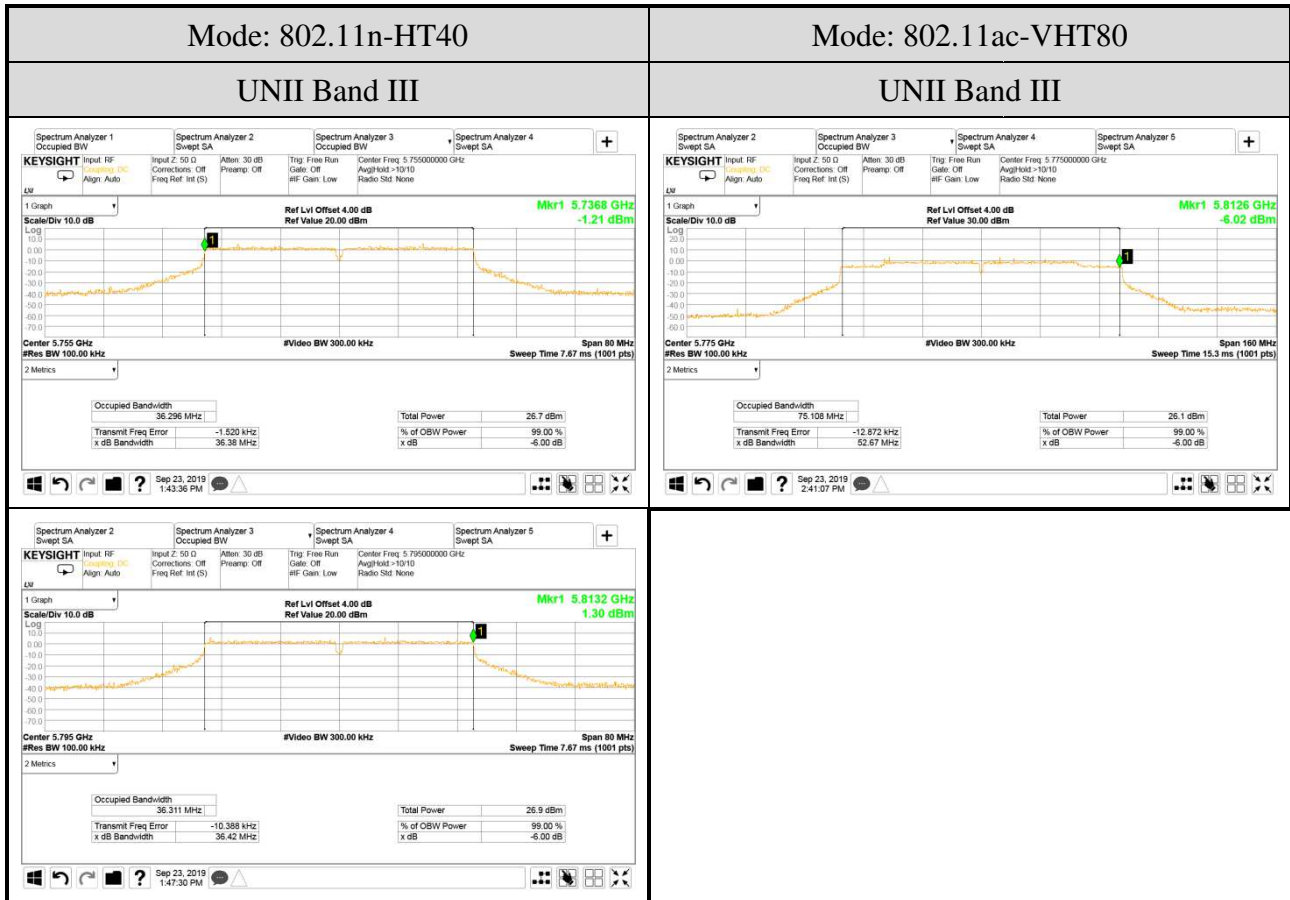


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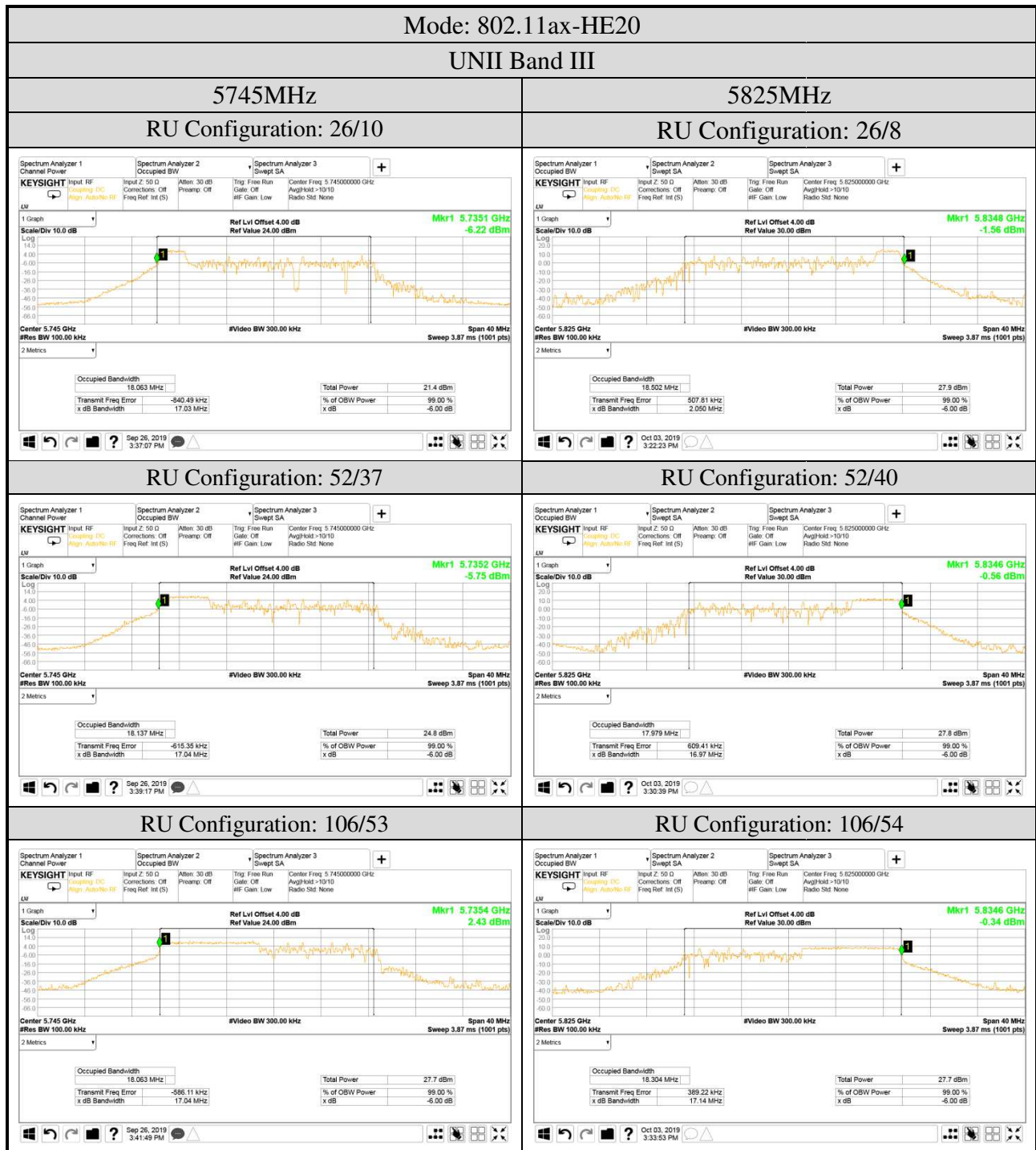
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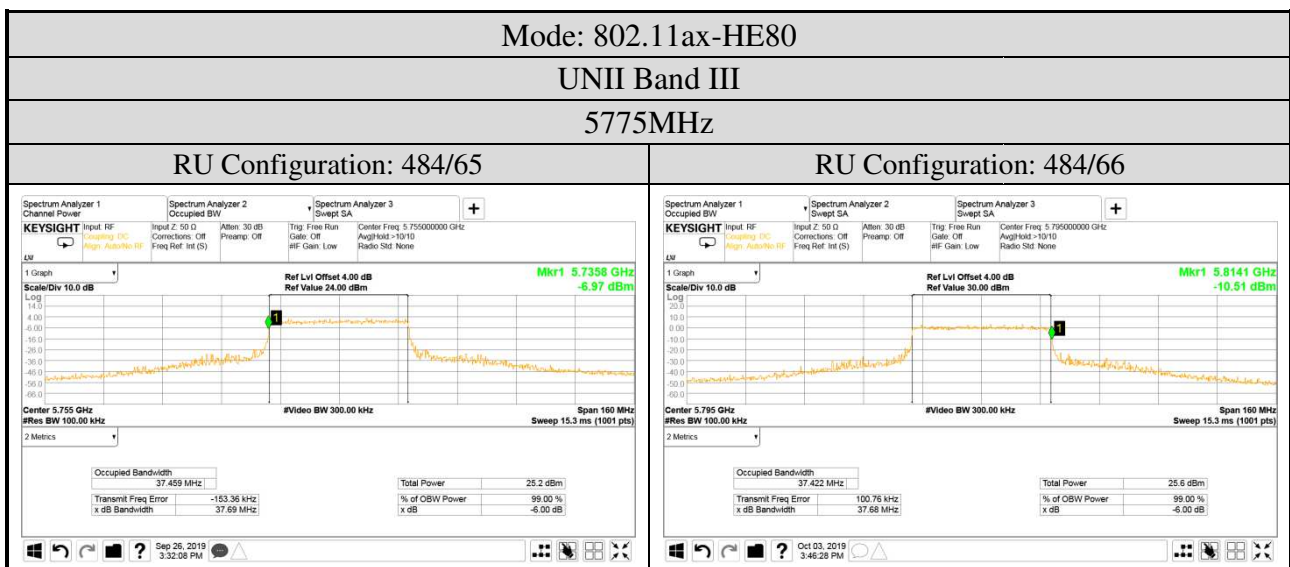
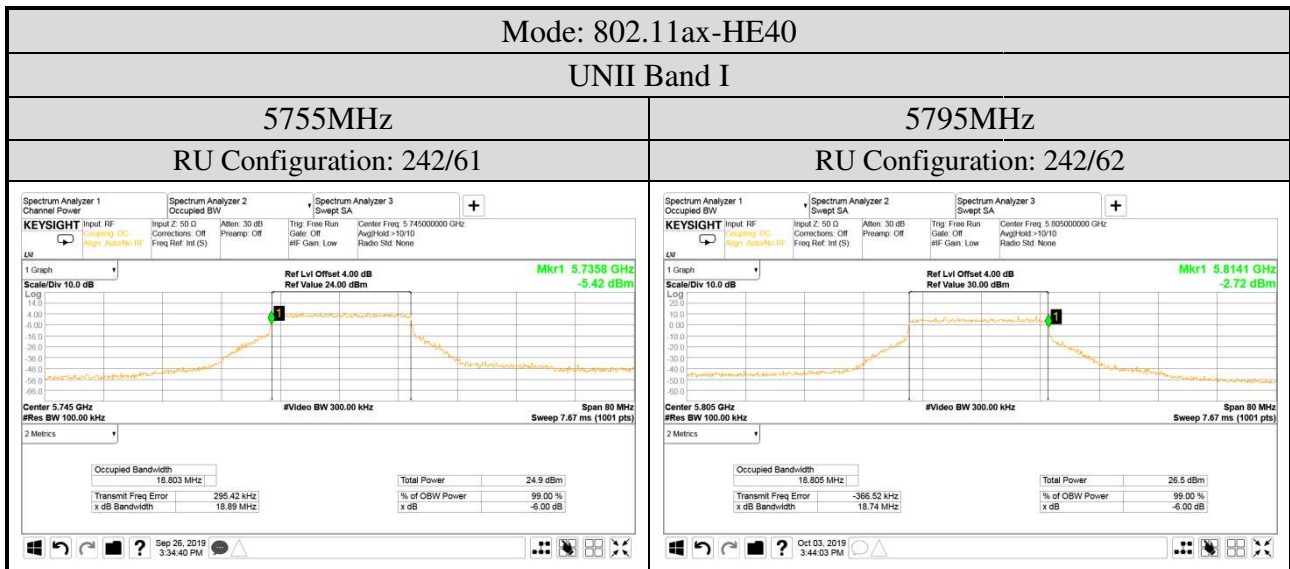




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A.4 MAXIMUM OUTPUT POWER

Test Date	2019/09/20, 25, 26, 10/3 10/4	Temp./Hum.	23~24°C/47~53%
Cable Loss	1.00	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Test Model	15Z90N

A.4.1 Average Output Power

Mode	UNII 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	18.20	18.09	N/A	18.20	0.066	< 250 mW (24 dBm)
		5200	18.86	18.72		18.86	0.077	
		5240	19.89	19.72		19.89	0.097	
	II-2A	5260	19.96	19.94		19.96	0.099	
		5300	18.98	18.77		18.98	0.079	
		5320	18.26	17.90		18.26	0.067	
	II-2C	5500	18.49	18.29		18.49	0.071	
		5580	19.92	19.61		19.92	0.098	
		5700	17.75	18.26		18.26	0.067	
		5720	20.01	19.71		20.01	0.100	
	III	5745	19.85	20.08		20.08	0.102	< 1 W (30 dBm)
		5785	19.72	20.01		20.01	0.100	
		5825	19.67	19.79		19.79	0.095	

Mode	UNII 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	15.58	15.33	N/A	18.47	0.070	< 250 mW (24 dBm)
		5200	16.23	16.04		19.15	0.082	
		5240	17.46	17.18		20.33	0.108	
	II-2A	5260	17.61	17.49		20.56	0.114	
		5300	16.35	16.07		19.22	0.084	
		5320	15.41	15.19		18.31	0.068	
	II-2C	5500	15.82	15.55		18.70	0.074	< 1 W (30 dBm)
		5580	17.52	17.29		20.42	0.110	
		5700	15.11	14.57		17.86	0.061	
		5720	17.49	17.21		20.36	0.109	
	III	5745	17.26	17.24		20.26	0.106	
		5785	17.35	17.25		20.31	0.107	
		5825	17.28	17.26		20.28	0.107	
802.11n-HT40	I	5190	15.81	15.51	N/A	18.67	0.074	< 250 mW (24 dBm)
		5230	17.35	17.11		20.24	0.106	
	II-2A	5270	16.69	16.61		19.66	0.092	
		5310	14.78	14.52		17.66	0.058	
	II-2C	5510	15.10	14.69		17.91	0.062	
		5550	15.89	15.65		18.78	0.076	
		5670	17.35	16.88		20.13	0.103	
		5710	17.98	17.55		20.78	0.120	
	III	5755	17.68	17.65		20.68	0.117	< 1 W (30 dBm)
		5795	17.78	17.74		20.77	0.119	
802.11ac-VHT80	I	5210	16.10	15.75	N/A	18.94	0.078	< 250 mW (24 dBm)
	II-2A	5290	14.79	14.58		17.70	0.059	
	II-2C	5530	15.64	15.24		18.45	0.070	
		5610	17.83	17.64		20.75	0.119	
		5690	18.19	17.84		21.03	0.127	
	III	5775	16.50	16.53		19.53	0.090	< 1 W (30 dBm)
802.11ac-VHT160	I/II-2A	5250	11.94	11.84	N/A	14.90	0.031	< 250 mW (24 dBm)
	II-2C	5570	11.51	11.39		14.46	0.028	

Note: The results have been included cable loss.

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Mode	UNII 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	15.51	15.28	N/A	18.41	0.069	< 250 mW (24 dBm)
		5200	16.21	15.95		19.09	0.081	
		5240	17.37	17.22		20.31	0.107	
	II-2A	5260	17.47	17.44		20.47	0.111	
		5300	16.22	16.01		19.13	0.082	
		5320	15.31	15.06		18.20	0.066	
	II-2C	5500	15.76	15.46		18.62	0.073	
		5580	17.38	17.27		20.34	0.108	
		5700	15.01	14.45		17.75	0.060	
		5720	17.36	17.12		20.25	0.106	
	III	5745	17.10	17.07		20.10	0.102	< 1 W (30 dBm)
		5785	17.22	17.16		20.20	0.105	
		5825	17.17	17.13		20.16	0.104	
802.11ax-HE40	I	5190	15.59	15.37	N/A	18.49	0.071	< 250 mW (24 dBm)
		5230	17.11	16.94		20.04	0.101	
	II-2A	5270	16.45	16.32		19.40	0.087	
		5310	14.47	14.26		17.38	0.055	
	II-2C	5510	14.87	14.47		17.68	0.059	
		5550	15.67	15.44		18.57	0.072	
		5670	17.03	16.61		19.84	0.096	
		5710	17.73	17.30		20.53	0.113	
	III	5755	17.41	17.34		20.39	0.109	< 1 W (30 dBm)
		5795	17.52	17.43		20.49	0.112	
802.11ax-HE80	I	5210	15.55	15.57	N/A	18.57	0.072	< 250 mW (24 dBm)
	II-2A	5290	14.33	14.34		17.35	0.054	
	II-2C	5530	15.28	15.01		18.16	0.065	
		5610	17.71	17.47		20.60	0.115	
		5690	17.98	17.62		20.81	0.121	
	III	5775	16.20	16.27		19.25	0.084	< 1 W (30 dBm)
802.11ax-HE160	I/II-2A	5250	11.65	11.58	N/A	14.63	0.029	< 250 mW (24 dBm)
	II-2C	5570	11.23	11.15		14.20	0.026	

Note: The results have been included cable loss.

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Mode	UNII 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	11.43	11.18	N/A	14.32	0.027	< 250 mW (24 dBm)
			52/37	14.45	14.25		17.36	0.054	
			106/53	15.68	15.46		18.58	0.072	
	II-2A	5320	26/8	11.82	11.63		14.74	0.030	
			52/40	12.06	11.92		15.00	0.032	
			106/54	15.55	15.35		18.46	0.070	
	II-2C	5500	26/0	11.74	11.43		14.60	0.029	
			52/37	14.76	14.48		17.63	0.058	
			106/53	15.78	15.64		18.72	0.074	
		5700	26/8	11.89	11.42		14.67	0.029	< 1 W (30 dBm)
			52/40	13.06	12.59		15.84	0.038	
			106/54	14.72	14.17		17.46	0.056	
	III	5745	26/0	11.58	11.45		14.53	0.028	
			52/37	14.60	14.54		17.58	0.057	
			106/53	17.17	17.15		20.17	0.104	
		5825	26/8	16.65	16.42		19.55	0.090	
			52/40	16.86	16.68		19.78	0.095	
			106/54	16.96	16.64		19.81	0.096	
802.11ax-HE40	I	5190	242/61	15.42	15.34	N/A	18.39	0.069	< 250 mW (24 dBm)
	II-2A	5310	242/62	14.59	14.36		17.49	0.056	
	II-2C	5510	242/61	15.05	14.75		17.91	0.062	
		5670	242/62	16.98	16.64		19.82	0.096	
	III	5755	242/61	17.03	17.02		20.04	0.101	< 1 W (30 dBm)
		5795	242/62	16.98	16.96		19.98	0.100	

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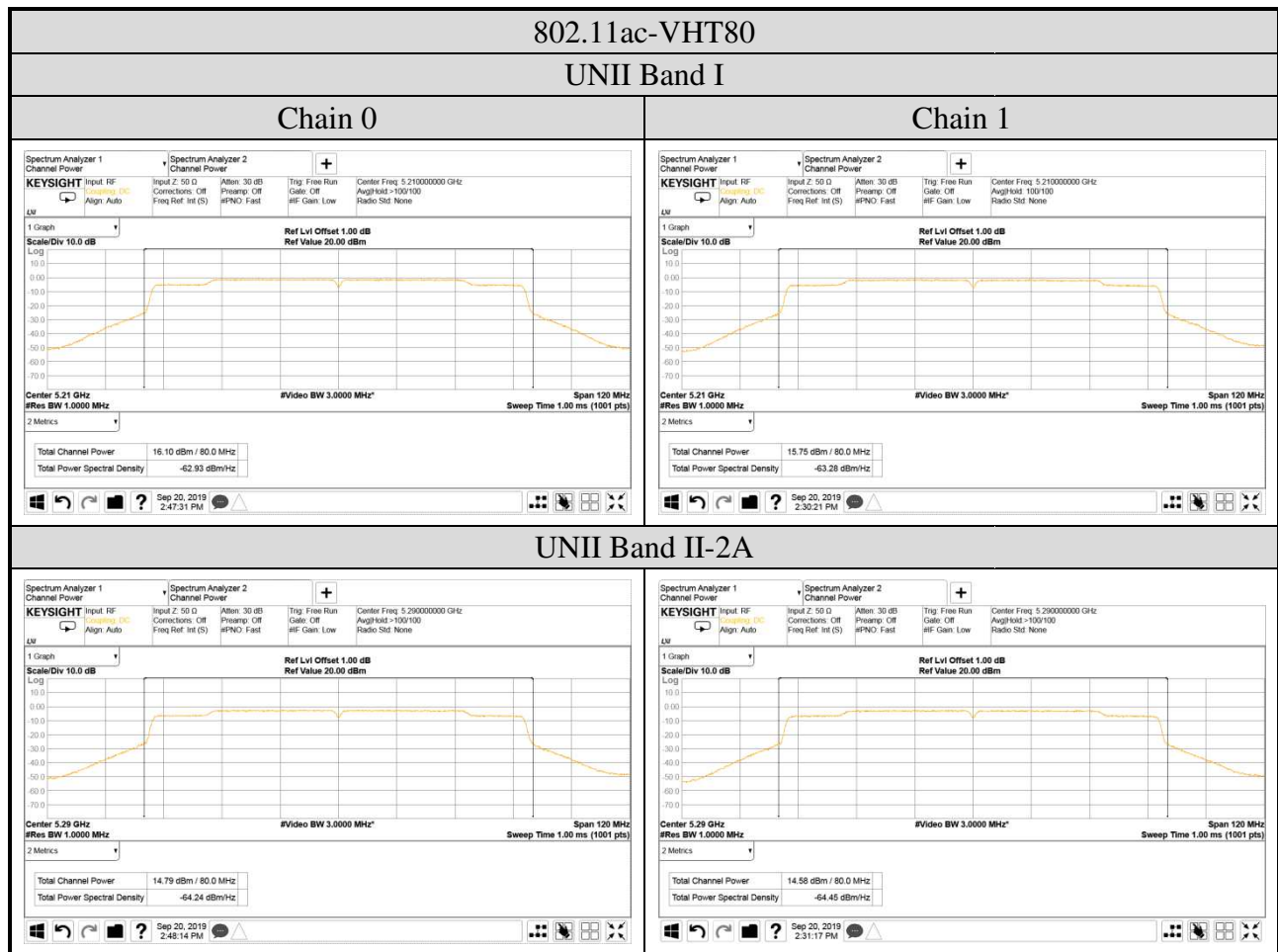
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				Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE80	I	5210	484/65	15.21	15.47	N/A	18.35	0.068	< 250 mW (24 dBm)
	II-2A	5290	484/66	12.33	11.76		15.06	0.032	
	II-2C	5530	484/65	13.85	13.53		16.70	0.047	
		5610	484/66	15.78	15.62		18.71	0.074	
	III	5775	484/65	15.39	16.22		18.84	0.077	< 1 W (30 dBm)
			484/66	15.71	15.45		18.59	0.072	
802.11ax-HE160	I/II-2A	5250	996/67	10.75	10.59	N/A	13.68	0.023	< 250 mW (24 dBm)
			996/S67	10.47	10.34		13.42	0.022	
	II-2C	5570	996/67	10.14	9.53		12.86	0.019	
			996/S67	9.90	9.71		12.82	0.019	

Note: The results have been included cable loss.

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A.4.2 Measurement Plots



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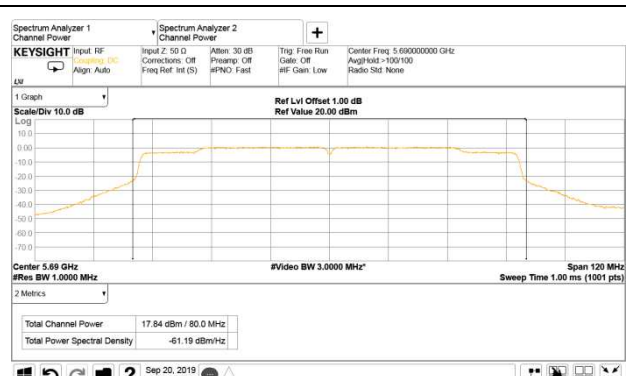
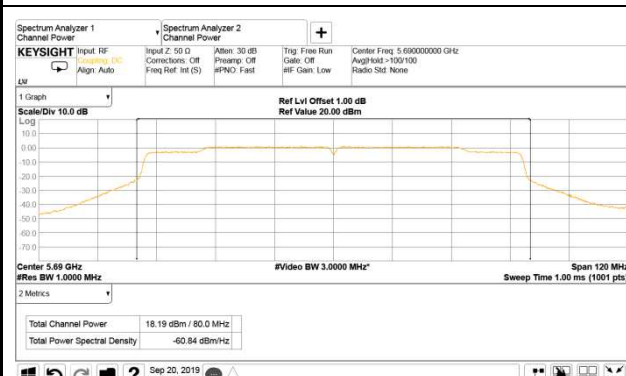
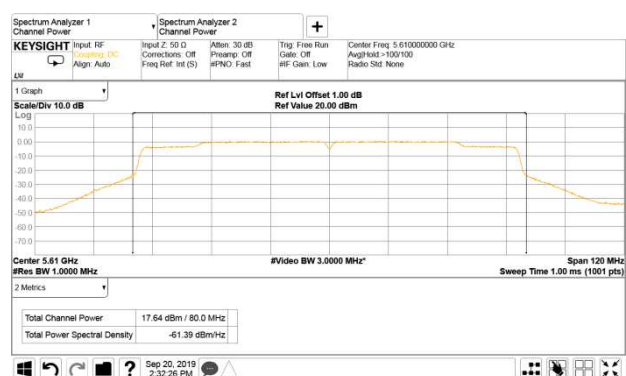
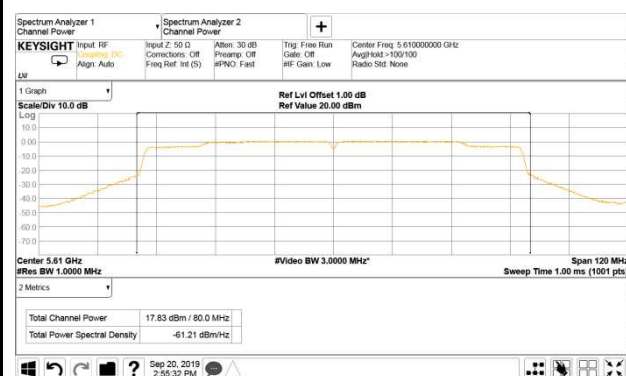
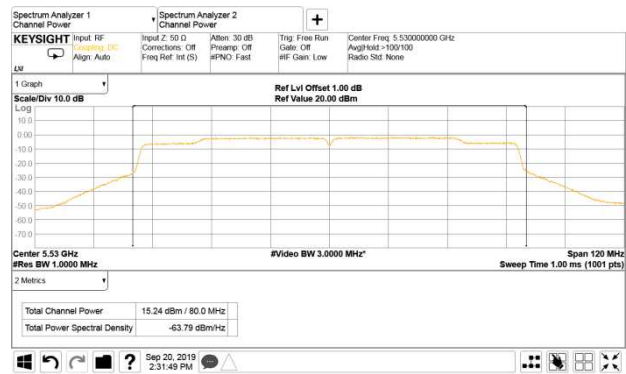
802.11ac-VHT80

UNII Band II-2C

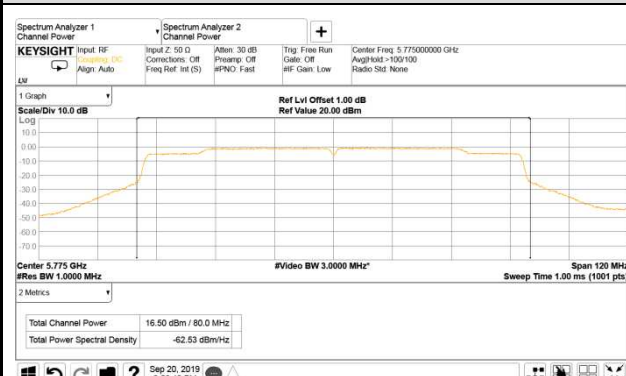
Chain 0



Chain 1

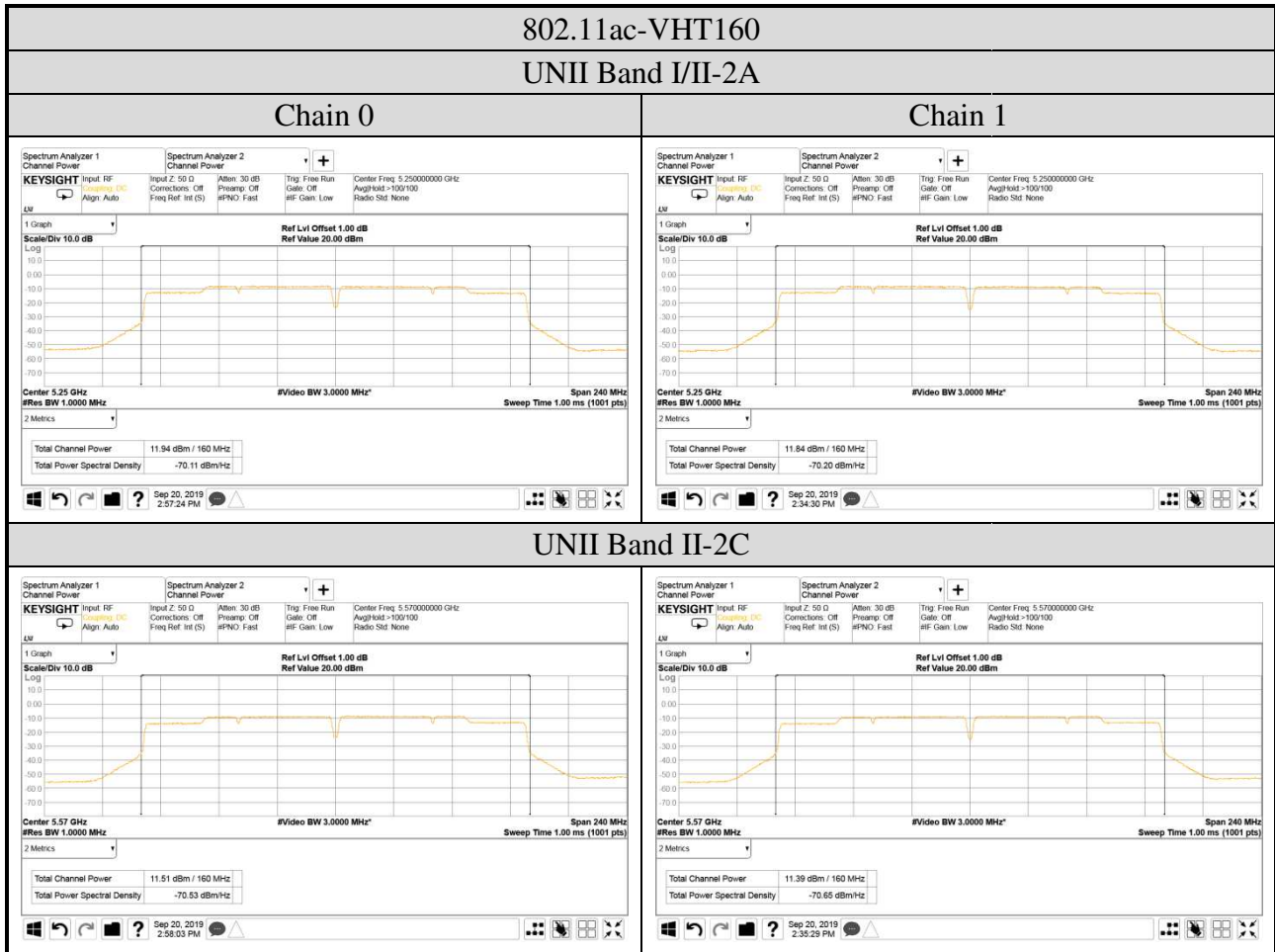


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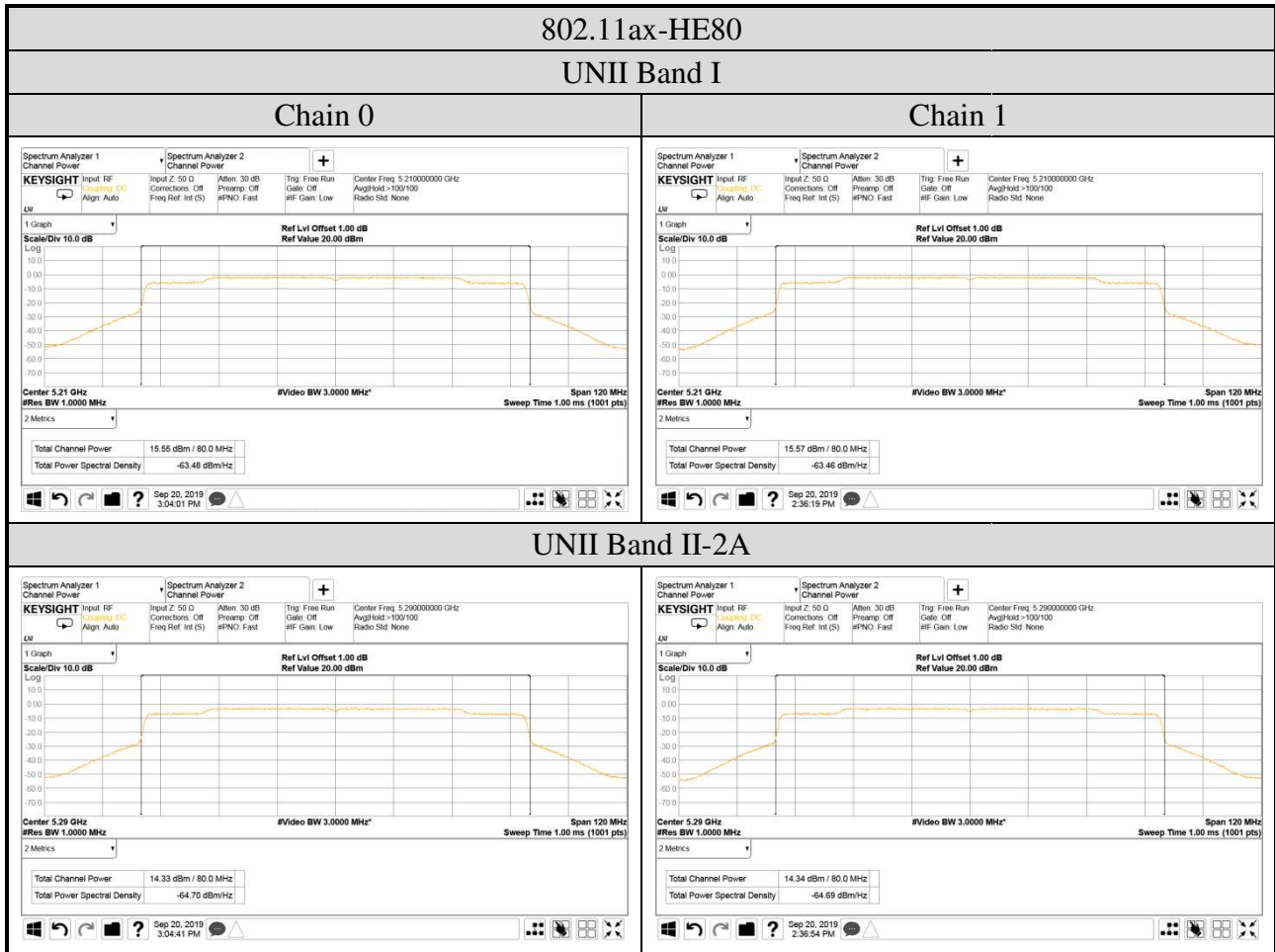
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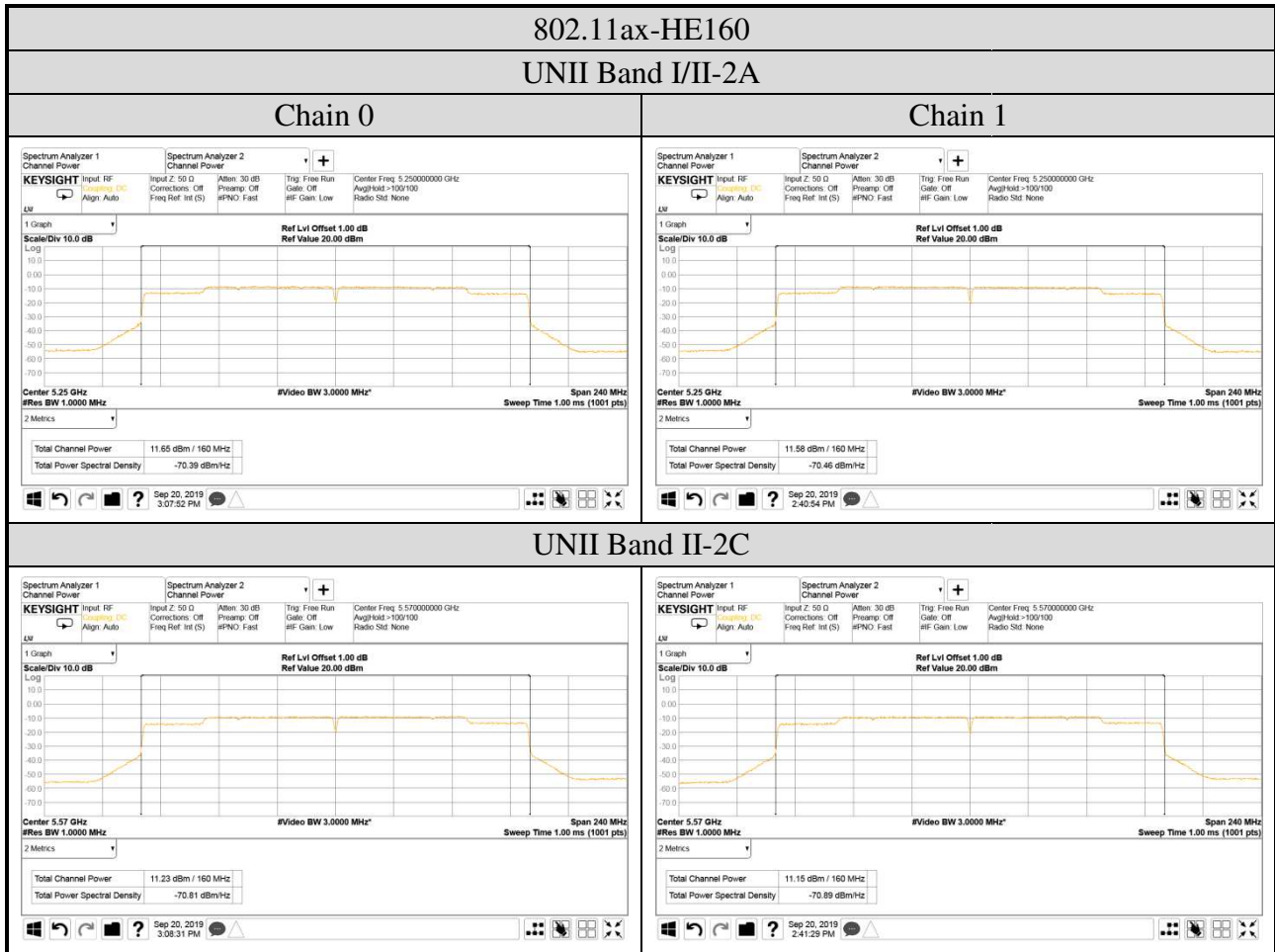
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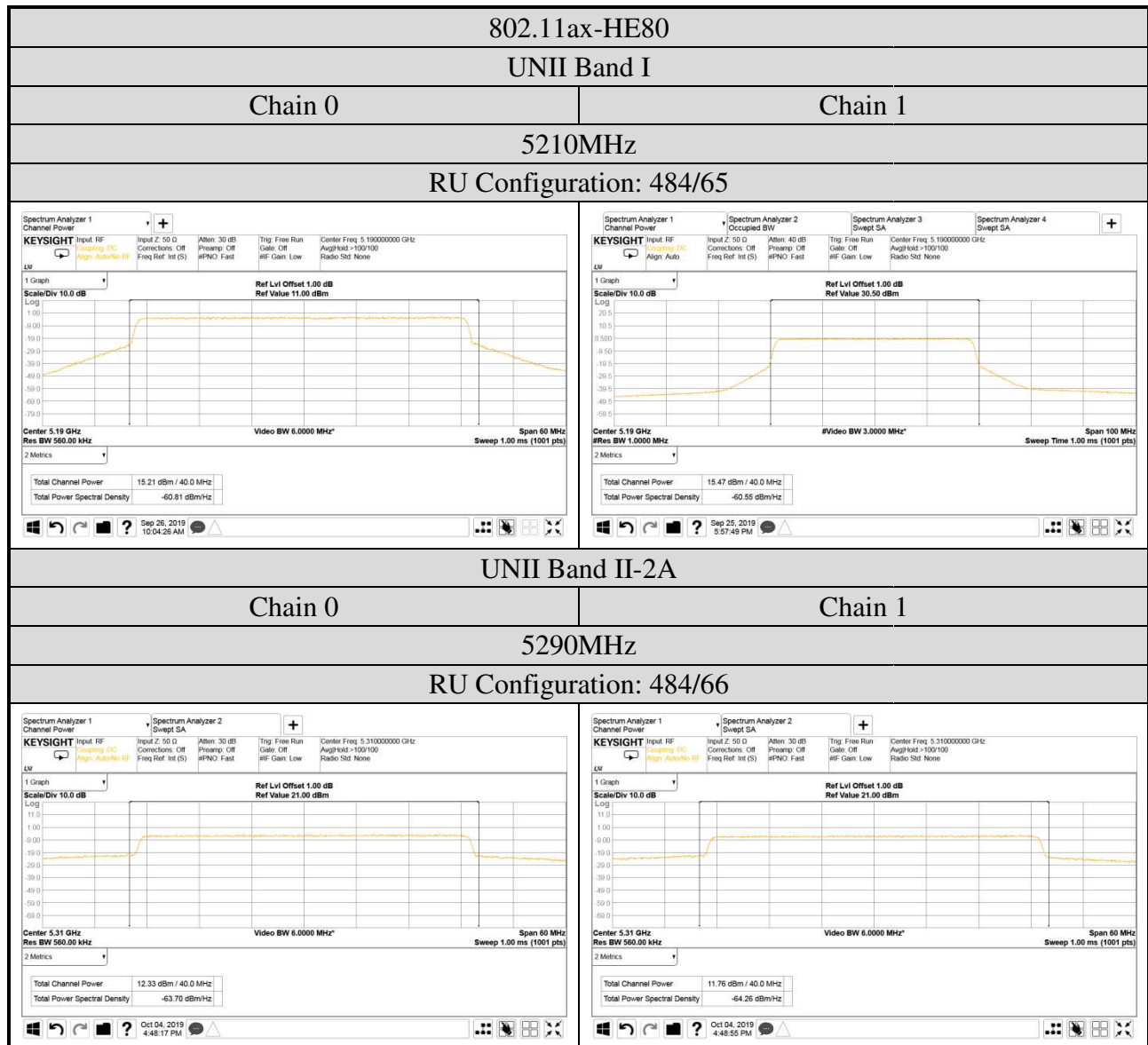
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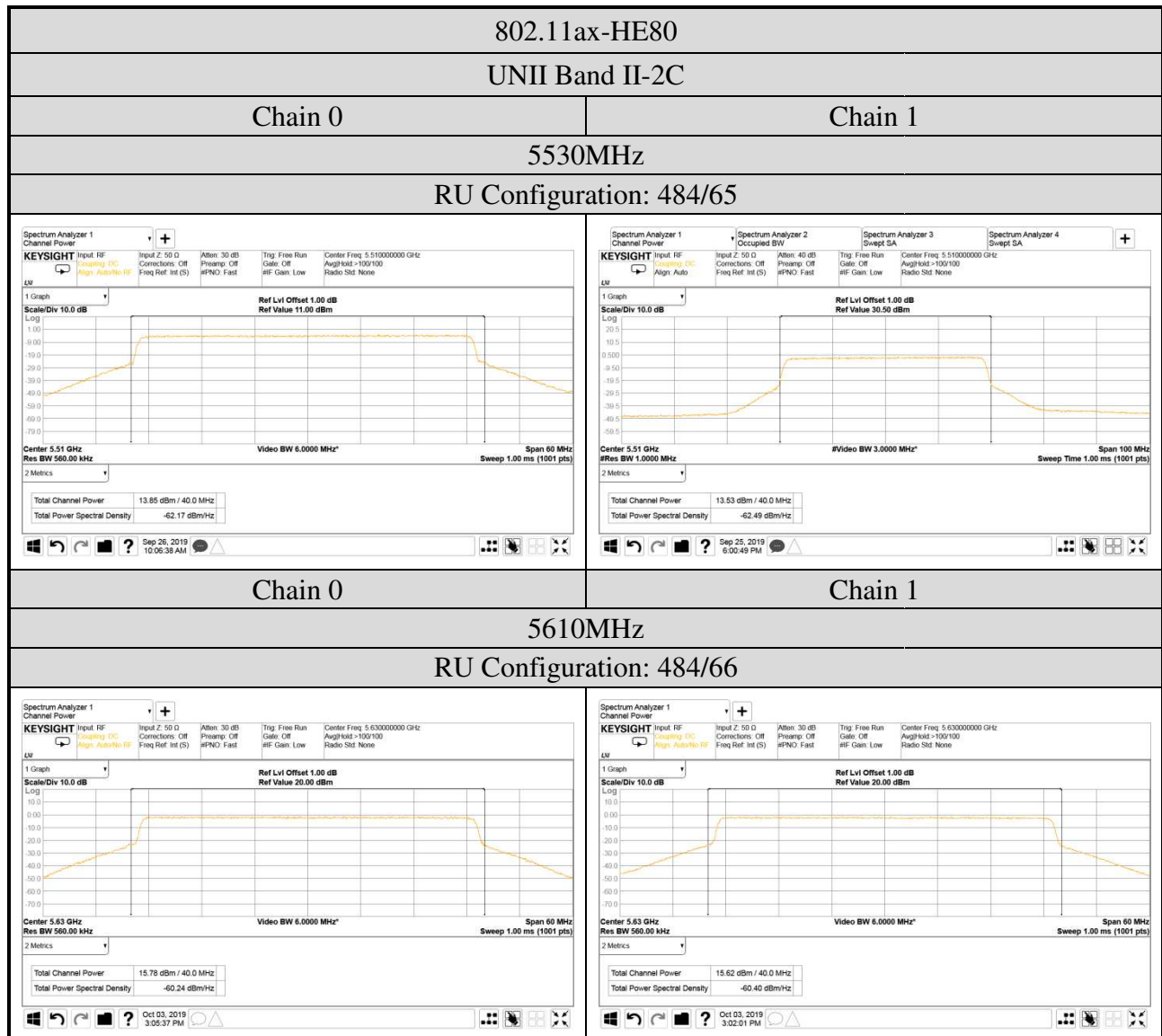


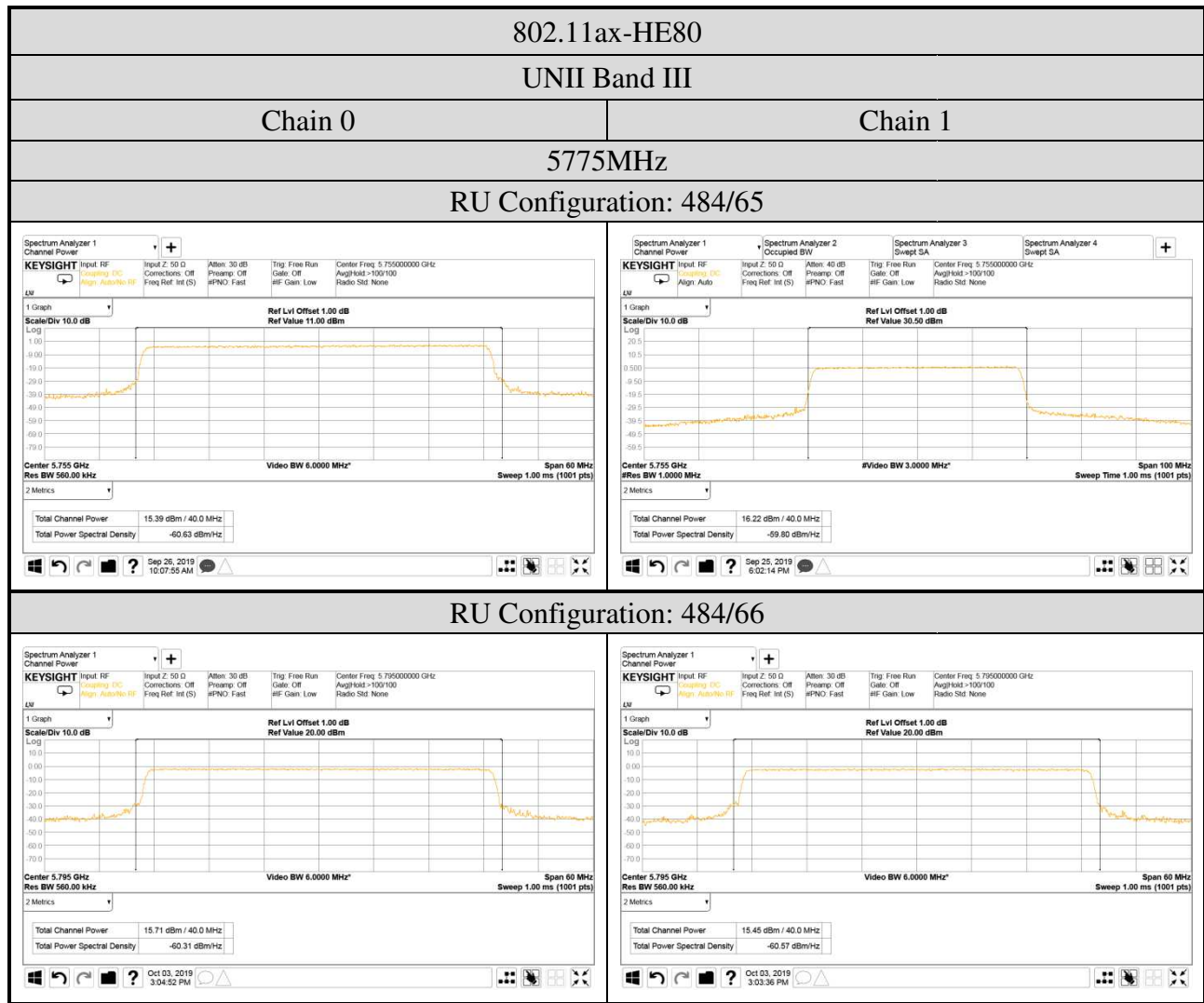
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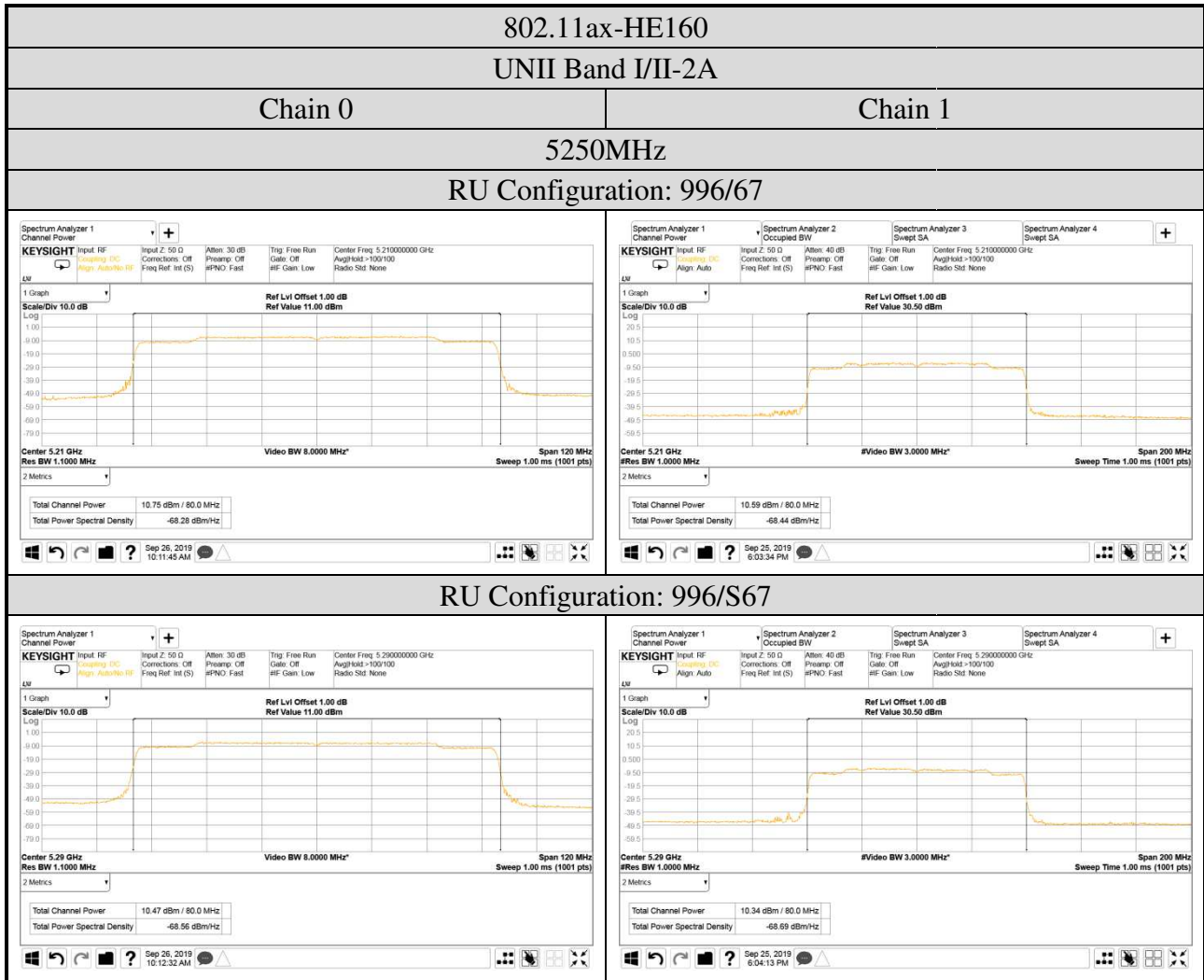






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