

A.3 EMISSION BANDWIDTH

Test Date	2017/11/28 ~ 30	Temp./Hum.	23°C/55%
Cable Loss	---	Test Voltage	AC 120V, 60Hz (via AC Adapter)

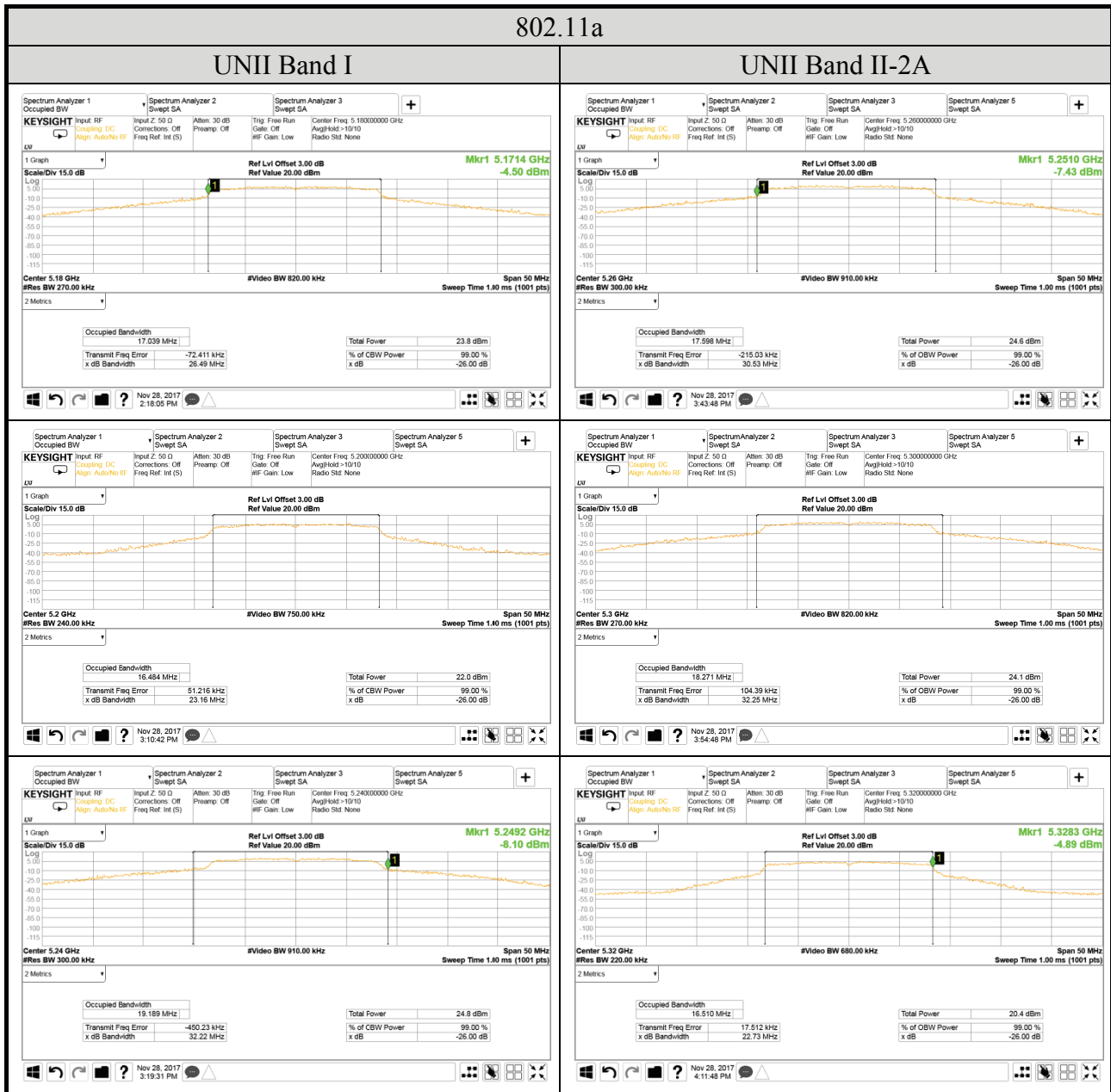
A.3.1 Emission Bandwidth Result

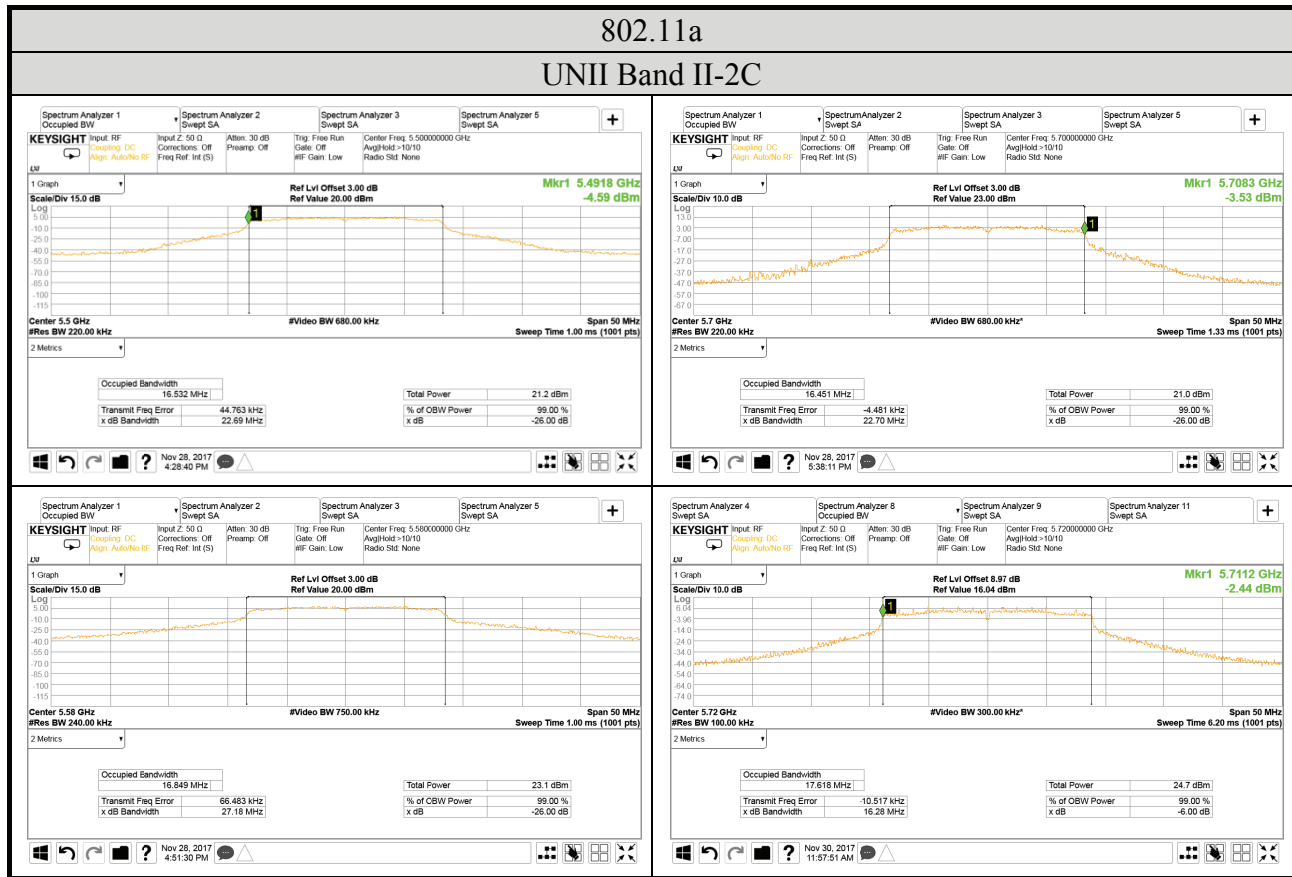
Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit
802.11a	I	5180	26.49	17.039	Reference only
		5200	23.16	16.484	
		5240	32.22	19.189	
	II-2A	5260	30.53	17.598	
		5300	32.25	18.271	
		5320	22.73	16.510	
	II-2C	5500	22.69	16.532	
		5580	27.18	16.849	
		5700	22.70	16.451	
		5720	16.28	17.618	
802.11n-HT20	I	5180	23.66	17.728	Reference only
		5200	27.21	17.920	
		5240	27.76	18.000	
	II-2A	5260	27.74	17.940	
		5300	27.23	18.005	
		5320	23.31	17.671	
	II-2C	5500	27.47	18.064	
		5580	24.32	17.765	
		5700	23.34	17.672	
		5720	16.54	17.609	

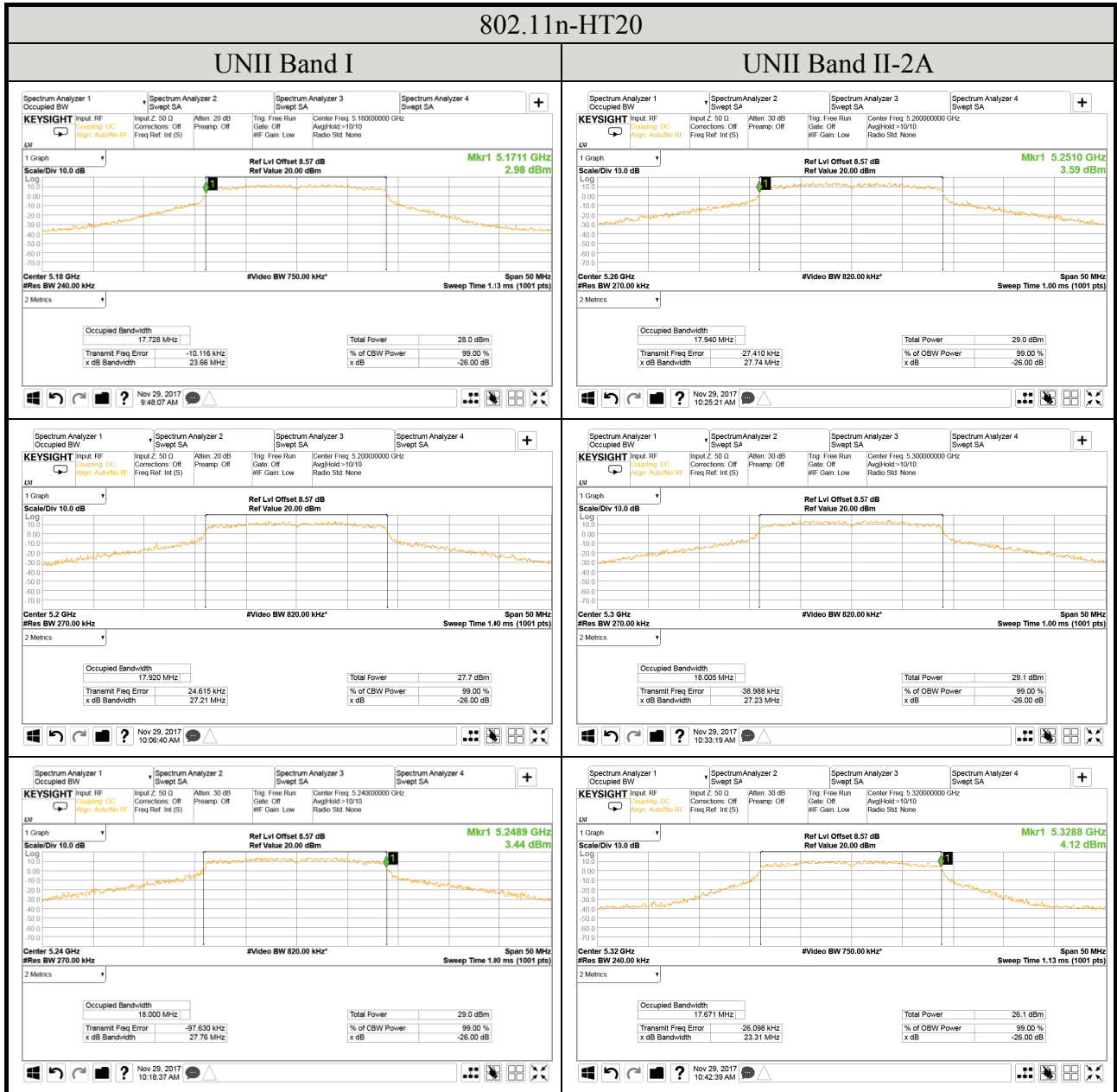
Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit
802.11n-HT40	I	5190	45.47	36.180	Reference only
		5230	44.55	36.229	
	II-2A	5270	45.11	36.331	
		5310	43.79	36.127	
	II-2C	5510	43.01	36.161	
		5550	44.83	36.214	
		5670	43.25	36.127	
802.11ac-VHT80	I	5210	78.68	74.951	Reference only
		5290	78.56	74.962	
	II-2C	5530	78.94	75.038	
		5610	78.79	75.266	
		5690	75.22	75.098	

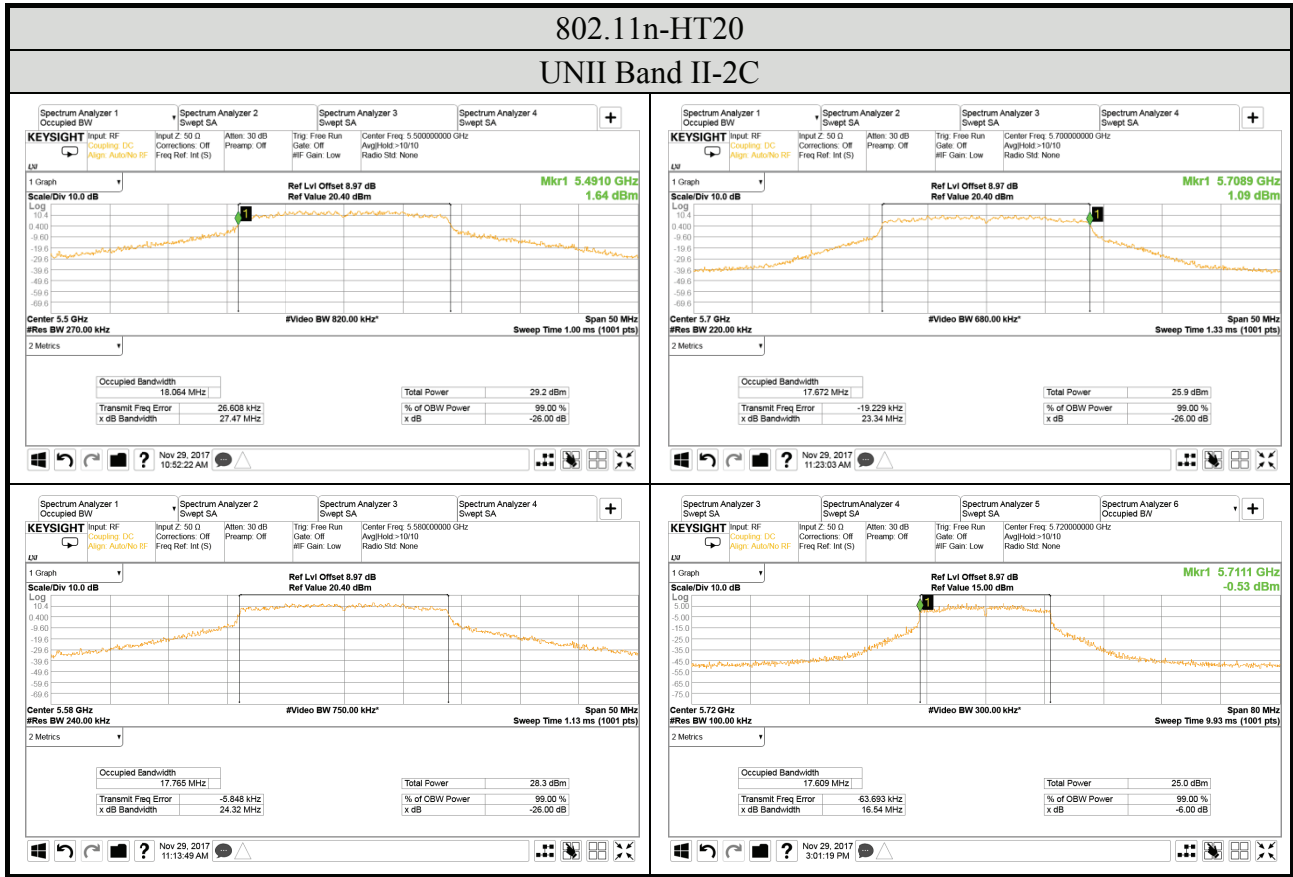
Mode	UNII Band	Centre Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit
802.11a	III	5745	14.45	17.018	≥ 500kHz
		5785	15.26	18.882	
		5825	16.27	21.482	
802.11n-HT20	III	5745	16.29	18.092	
		5785	15.68	18.014	
		5825	16.29	18.354	
802.11n-HT40	III	5755	35.65	37.748	
		5795	35.67	37.602	
802.11ac-VHT80	III	5775	64.01	74.824	

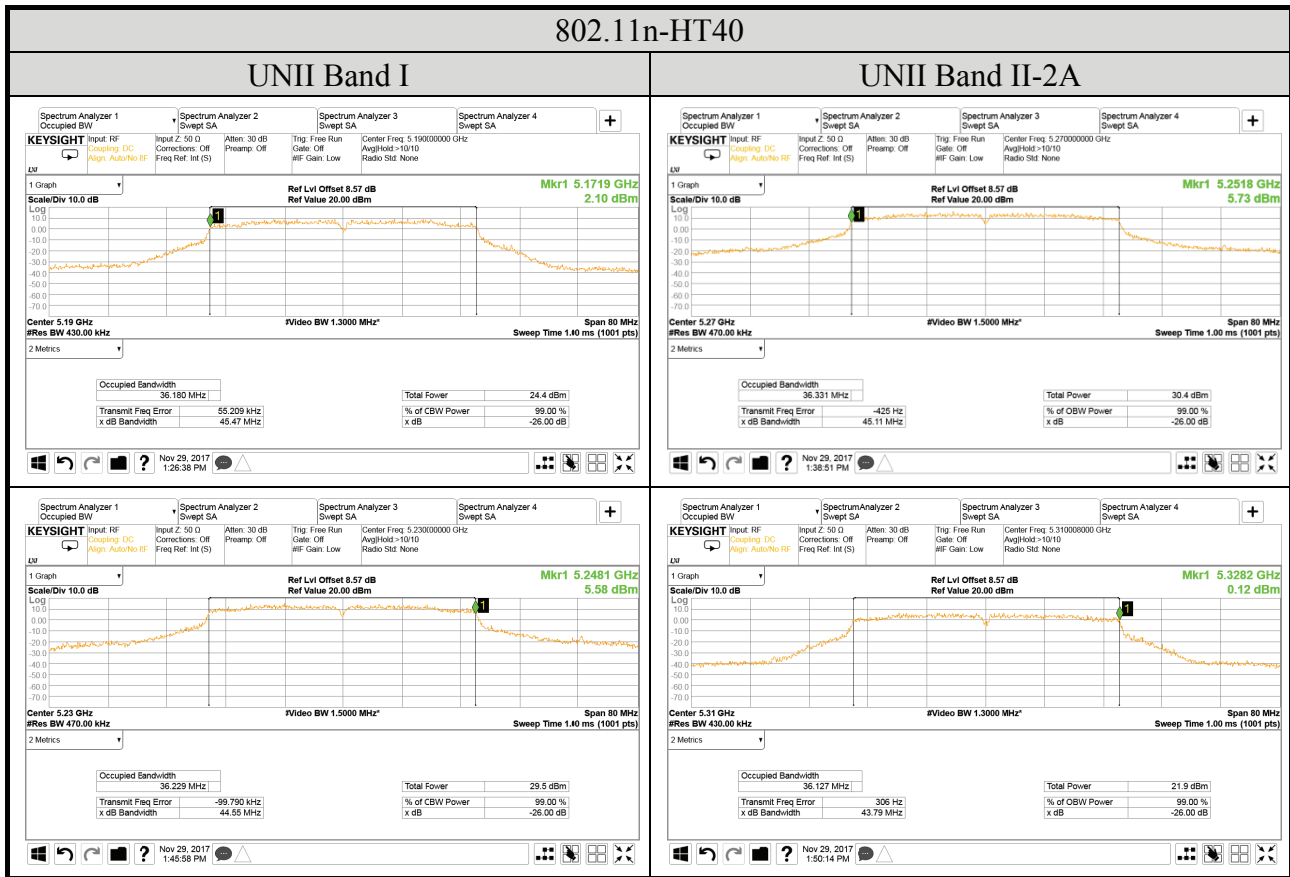
A.3.2 Measurement Plots

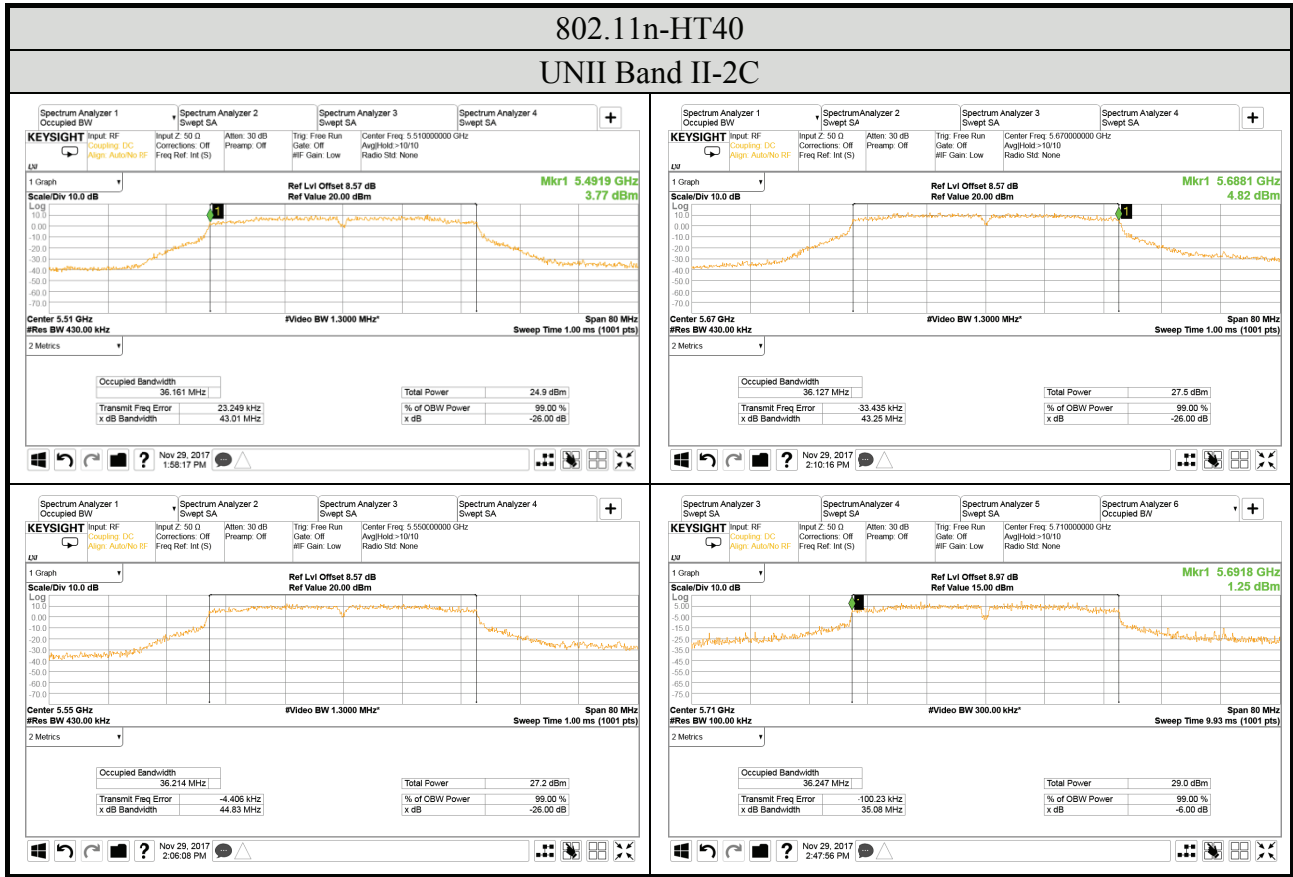


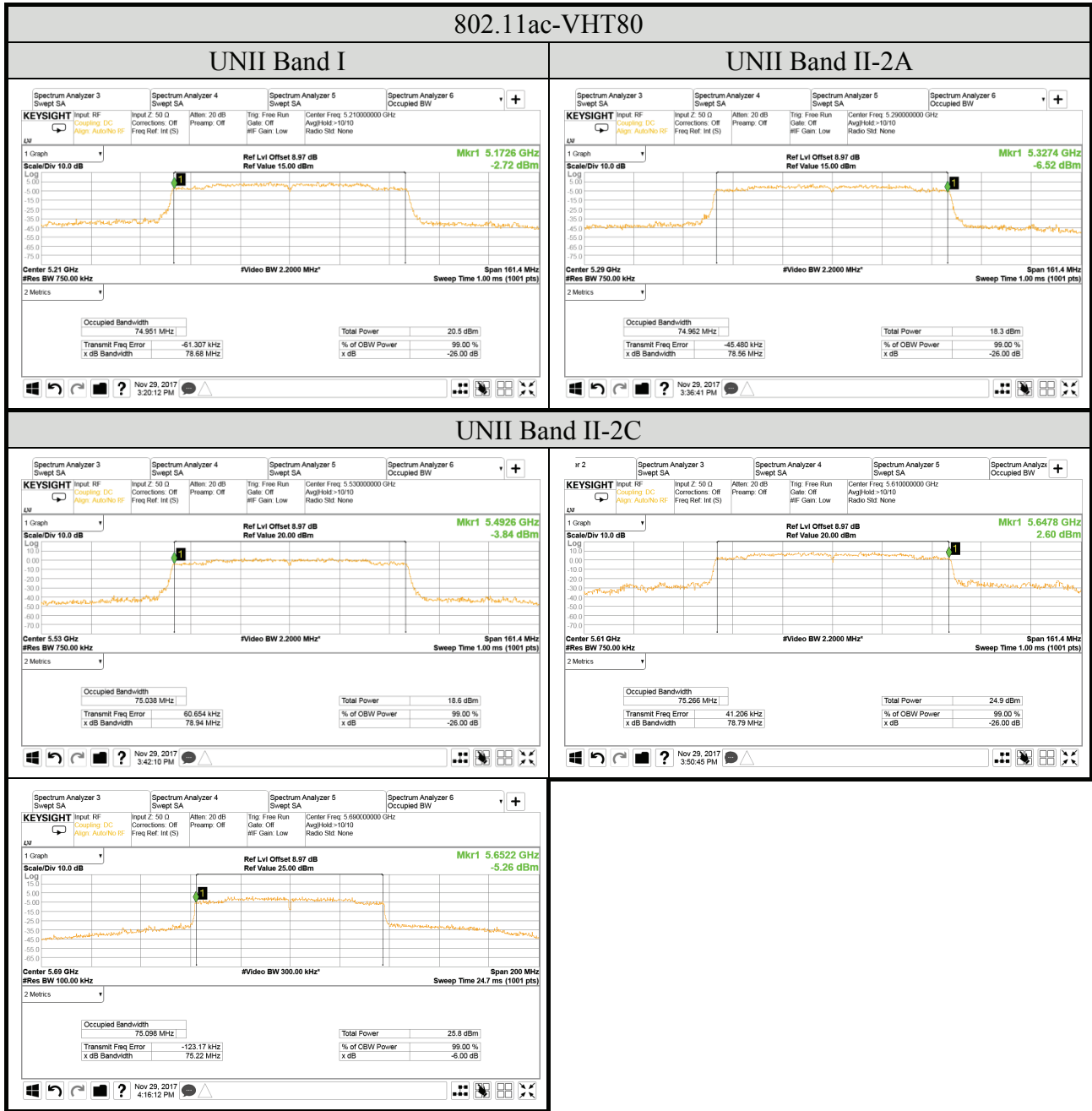


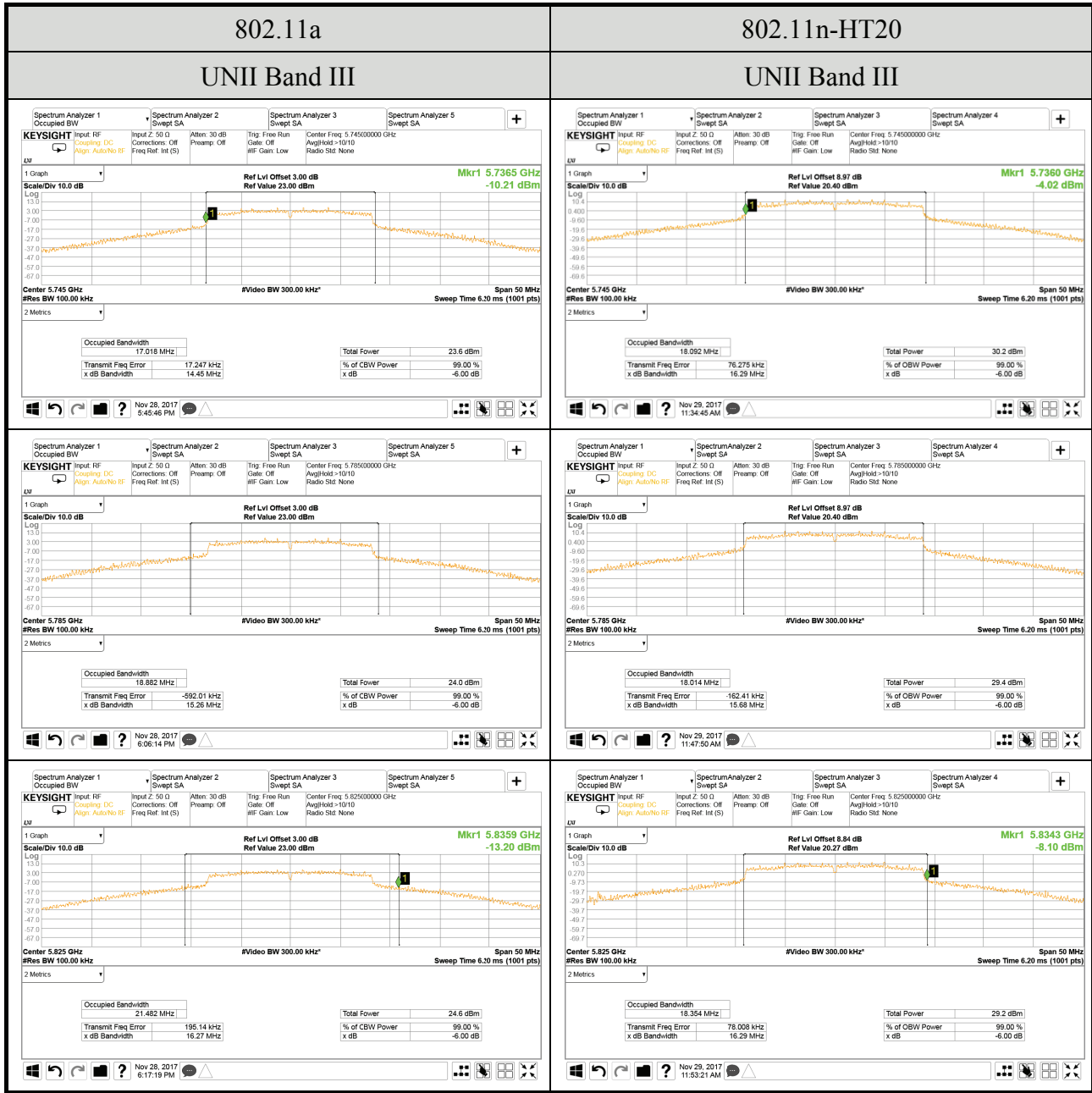






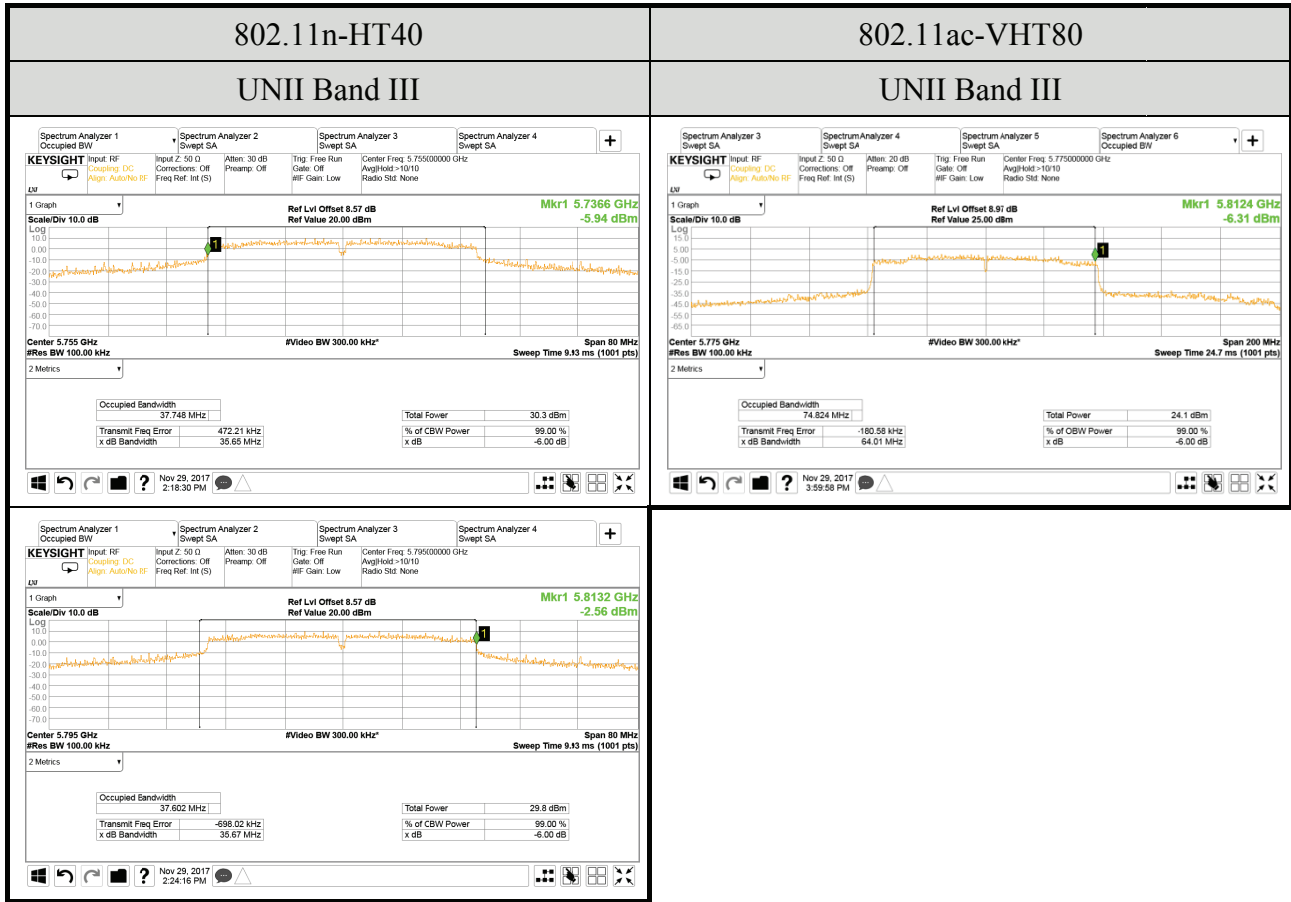






Audix Technology Corp.
 No. 53-11, Dingfu, Linkou, Dist.,
 New Taipei City 244, Taiwan

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



A.4 MAXIMUM PEAK OUTPUT POWER

Test Date	2017/11/28~29	Temp./Hum.	25°C/55%
Cable Loss	3dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)

A.4.1 Average Output Power

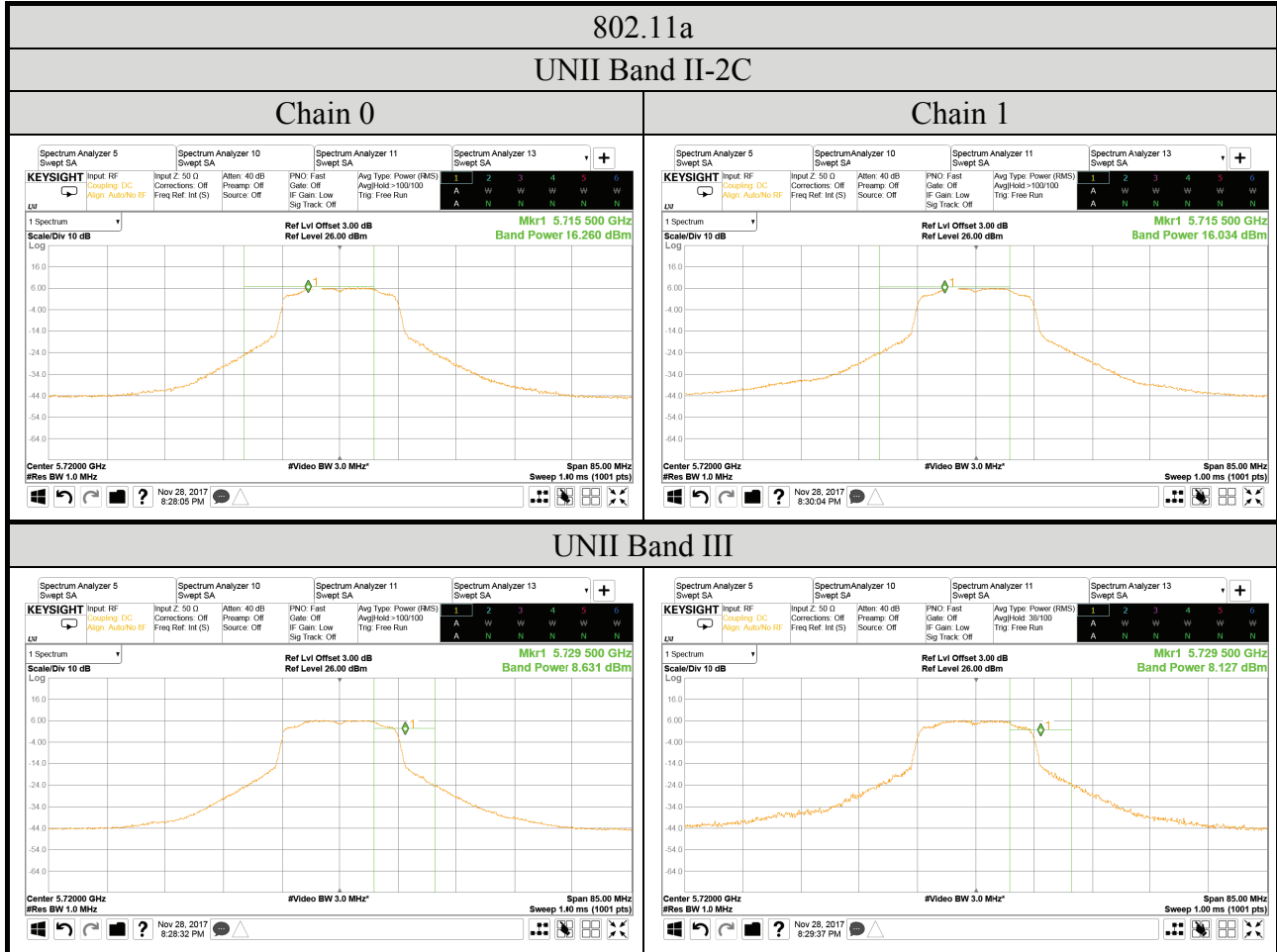
Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power				Limit	
			Chain 0	Chain 1		Chain 0		Chain 1			
						(dBm)	(W)	(dBm)	(W)		
802.11a	I	5180	16.87	16.32	0	16.87	0.048641	16.32	0.042855	< 250 mW (24 dBm)	
		5200	18.54	18.49		18.54	0.071450	18.49	0.070632		
		5240	18.51	18.41		18.51	0.070958	18.41	0.069343		
	II-2A	5260	18.88	18.77		18.88	0.077268	18.77	0.075336		
		5300	18.81	18.77		18.81	0.076033	18.77	0.075336		
		5320	16.55	15.47		16.55	0.045186	15.47	0.035237		
	II-2C	5500	15.49	16.47		15.49	0.035400	16.47	0.044361		
		5580	19.03	18.80		19.03	0.079983	18.80	0.075858		
		5700	14.99	14.88		14.99	0.031550	14.88	0.030761		
		5720	16.26	16.03		16.26	0.042267	16.03	0.040087		
	III	5720	8.63	8.13		8.63	0.007295	8.13	0.006501		< 1 W (30 dBm)
		5745	18.75	18.99		18.75	0.074989	18.99	0.079250		
		5785	19.05	18.92		19.05	0.080353	18.92	0.077983		
		5825	18.99	18.87		18.99	0.079250	18.87	0.077090		

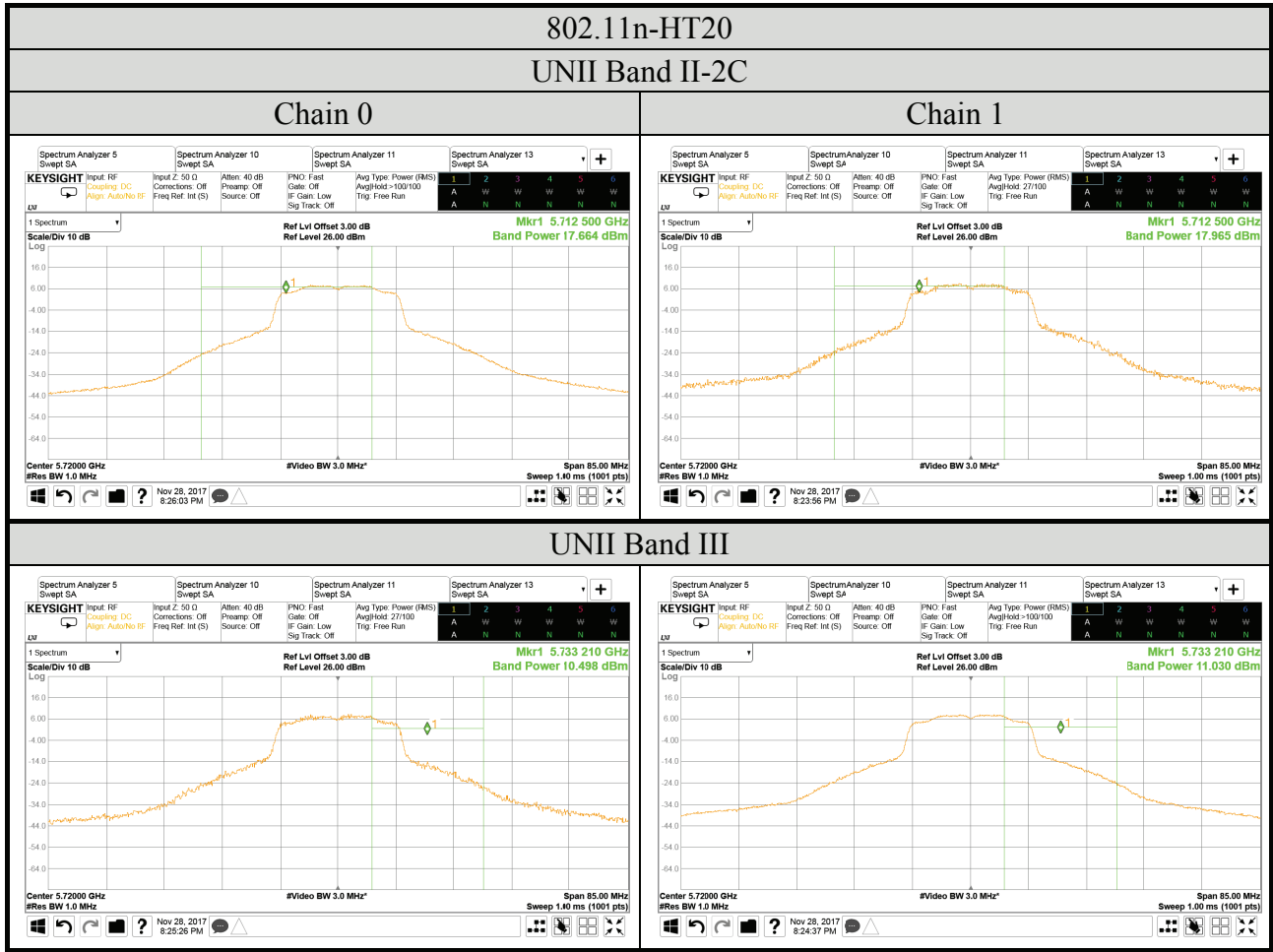
Mode	UNII Band	Centre Frequency (MHz)	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11n-HT20	I	5180	16.20	16.30	0.22	19.27	0.084528	< 250 mW (24 dBm)
		5200	17.45	17.03		20.26	0.106170	
		5240	17.37	17.00		20.21	0.104954	
	II-2A	5260	17.42	17.01		20.24	0.105682	
		5300	17.36	16.99		20.20	0.104713	
		5320	15.77	15.55		18.68	0.073790	
	II-2C	5500	15.39	15.11		18.28	0.067298	
		5580	17.10	17.00		20.07	0.101625	
		5700	13.74	13.99		16.90	0.048978	
		5720	17.66	17.97		20.83	0.121060	
	III	5720	10.49	11.03		13.82	0.024099	
		5745	17.75	18.18		20.99	0.125603	
		5785	18.85	18.34		21.62	0.145211	
		5825	18.74	18.06		21.43	0.138995	
802.11n-HT40	I	5190	12.35	12.22	15.43	0.034914	< 250 mW (24 dBm)	
		5230	17.62	17.43	20.67	0.116681		
	II-2A	5270	17.48	17.27	20.52	0.112720		
		5310	11.74	12.00	15.01	0.031696		
	II-2C	5510	11.90	12.05	15.12	0.032509		
		5550	17.28	17.38	20.47	0.111429		
		5670	16.28	16.71	19.64	0.092045		
	III	5710	16.33	16.19	19.41	0.087297		
		5710	11.52	11.29	14.55	0.028510		
		5755	18.84	18.44	21.79	0.151008		
802.11ac-VHT80	I	5210	9.36	9.57	14.22	0.026424	< 250 mW (24 dBm)	
		5290	7.52	7.64	12.33	0.017100		
	II-2C	5530	7.69	7.98	12.59	0.018155		
		5610	15.82	15.84	20.58	0.114288		
		5690	17.10	16.61	21.61	0.144877		
	III	5690	0.96	0.29	5.39	0.003459		
		5775	14.05	14.10	18.82	0.076208		

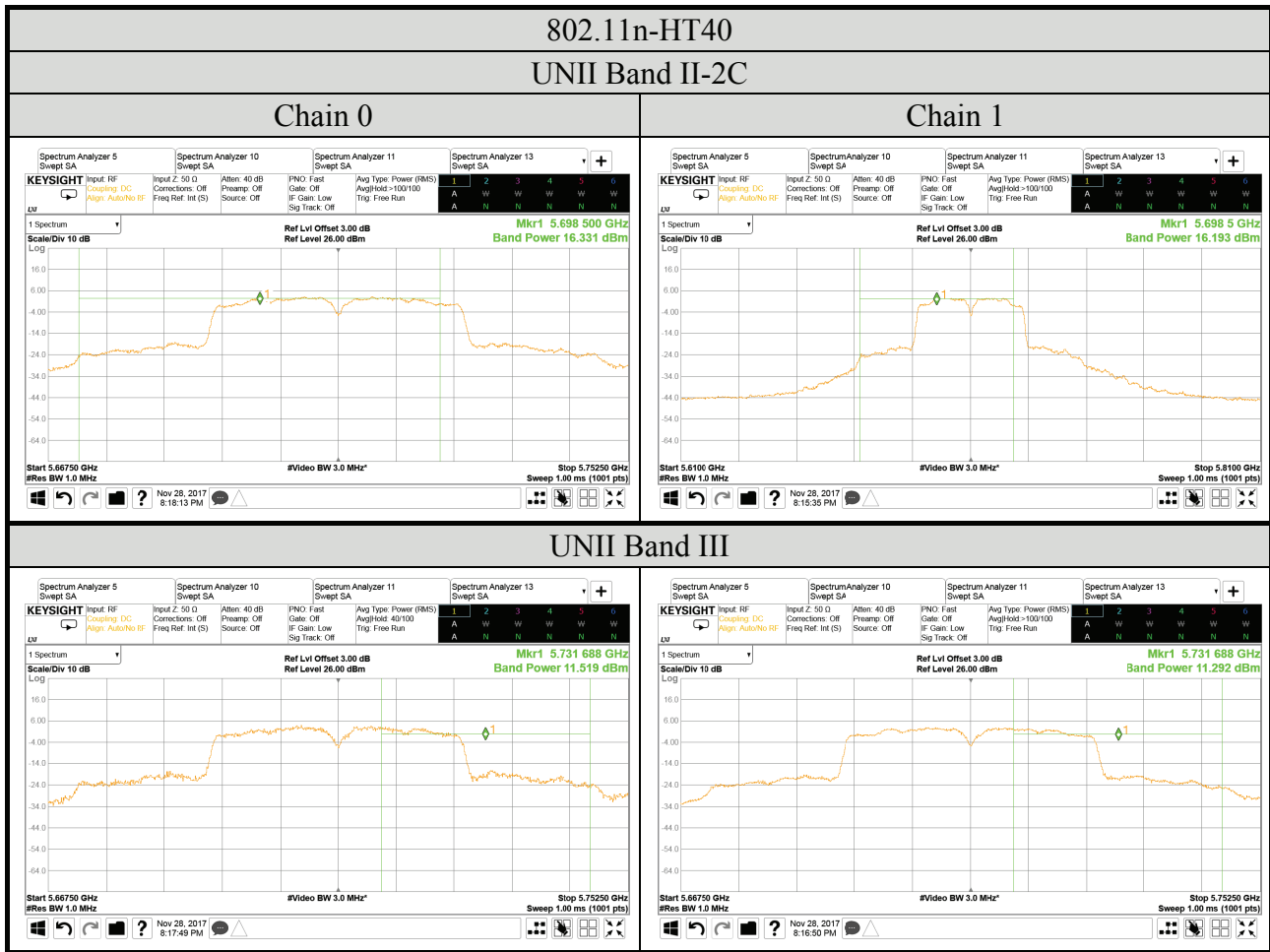
Note: The results have been included cable loss.

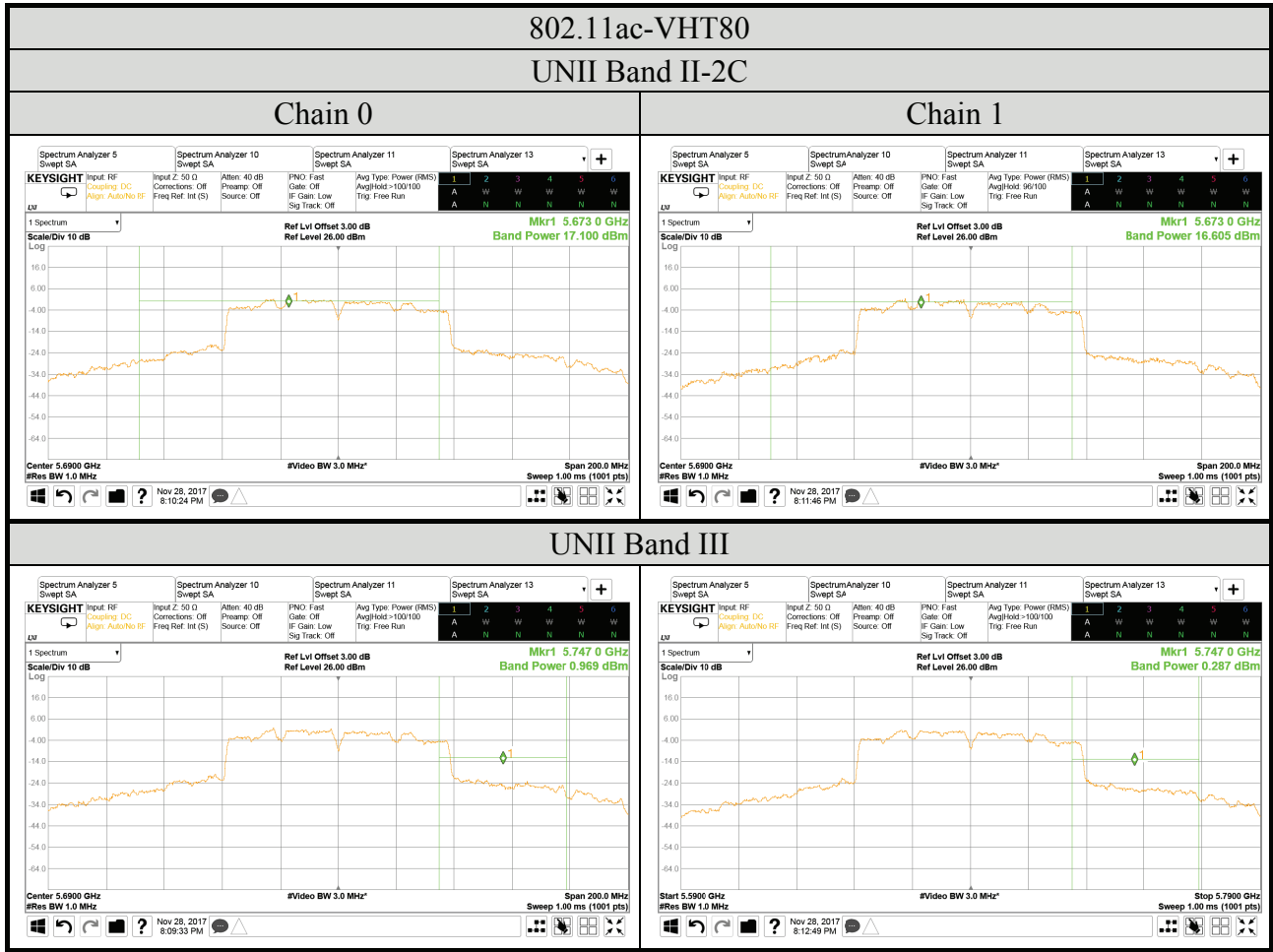
A.4.2 Measurement Plots

- Band Power









● Output Power

