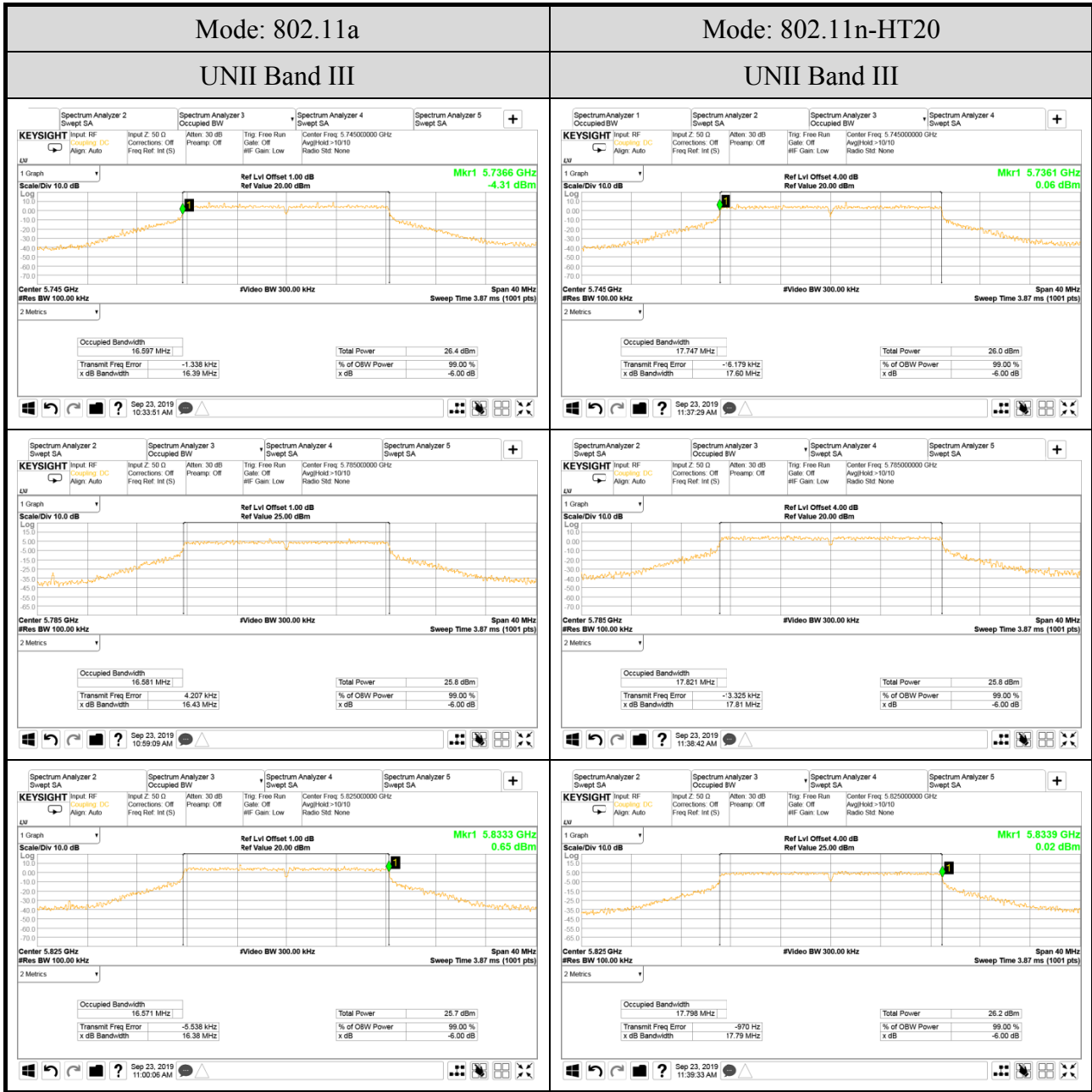
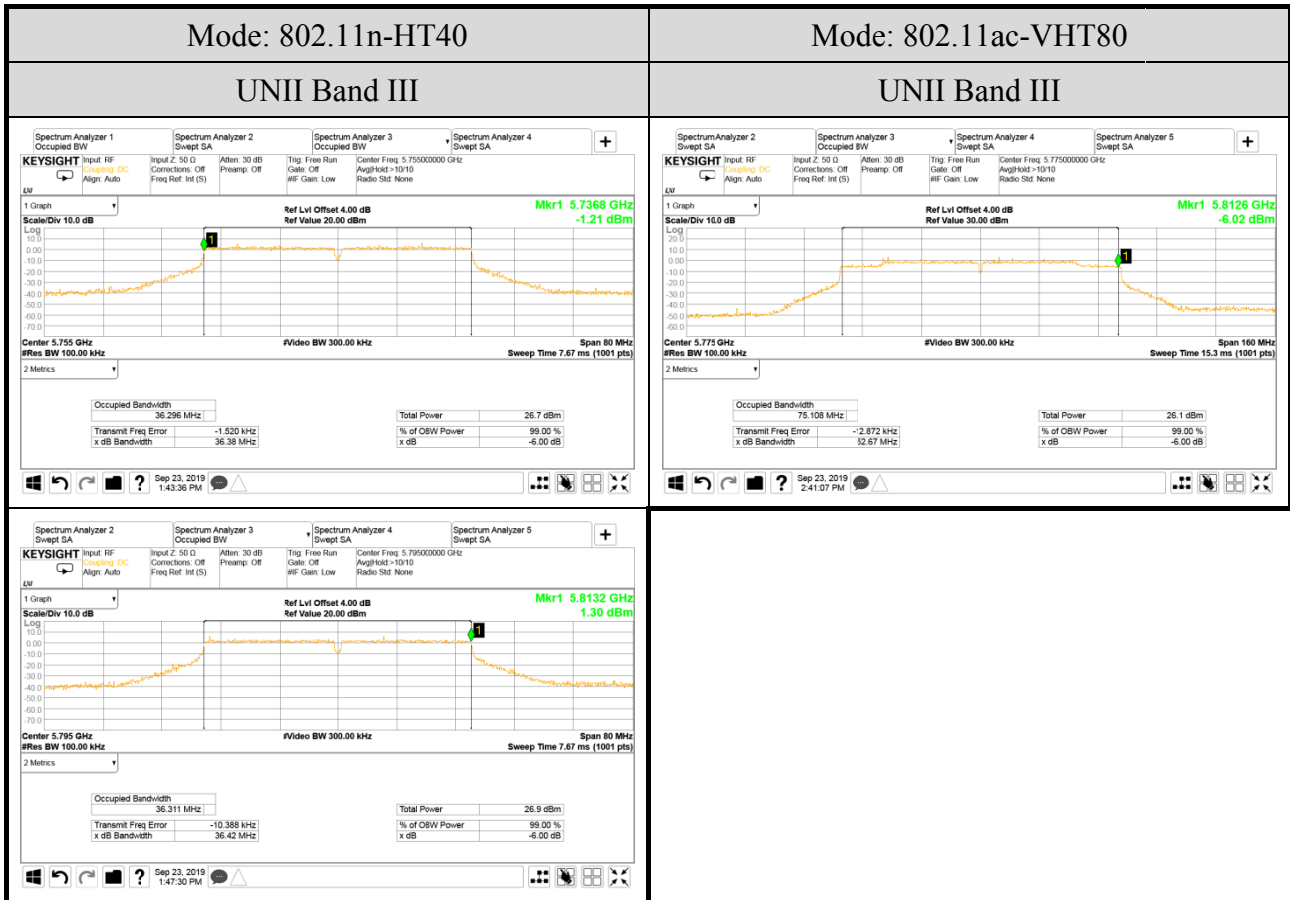
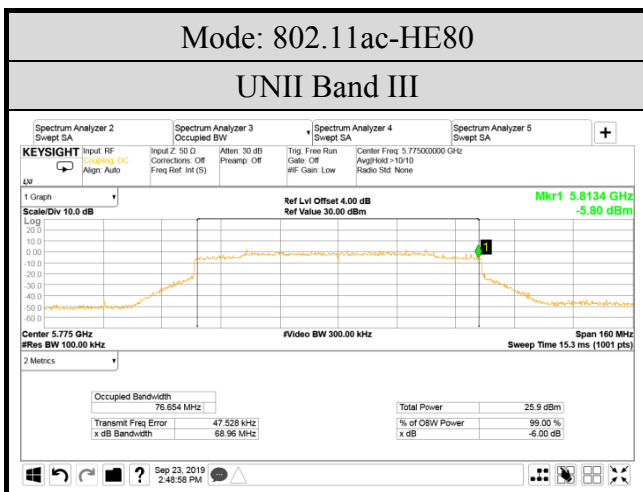
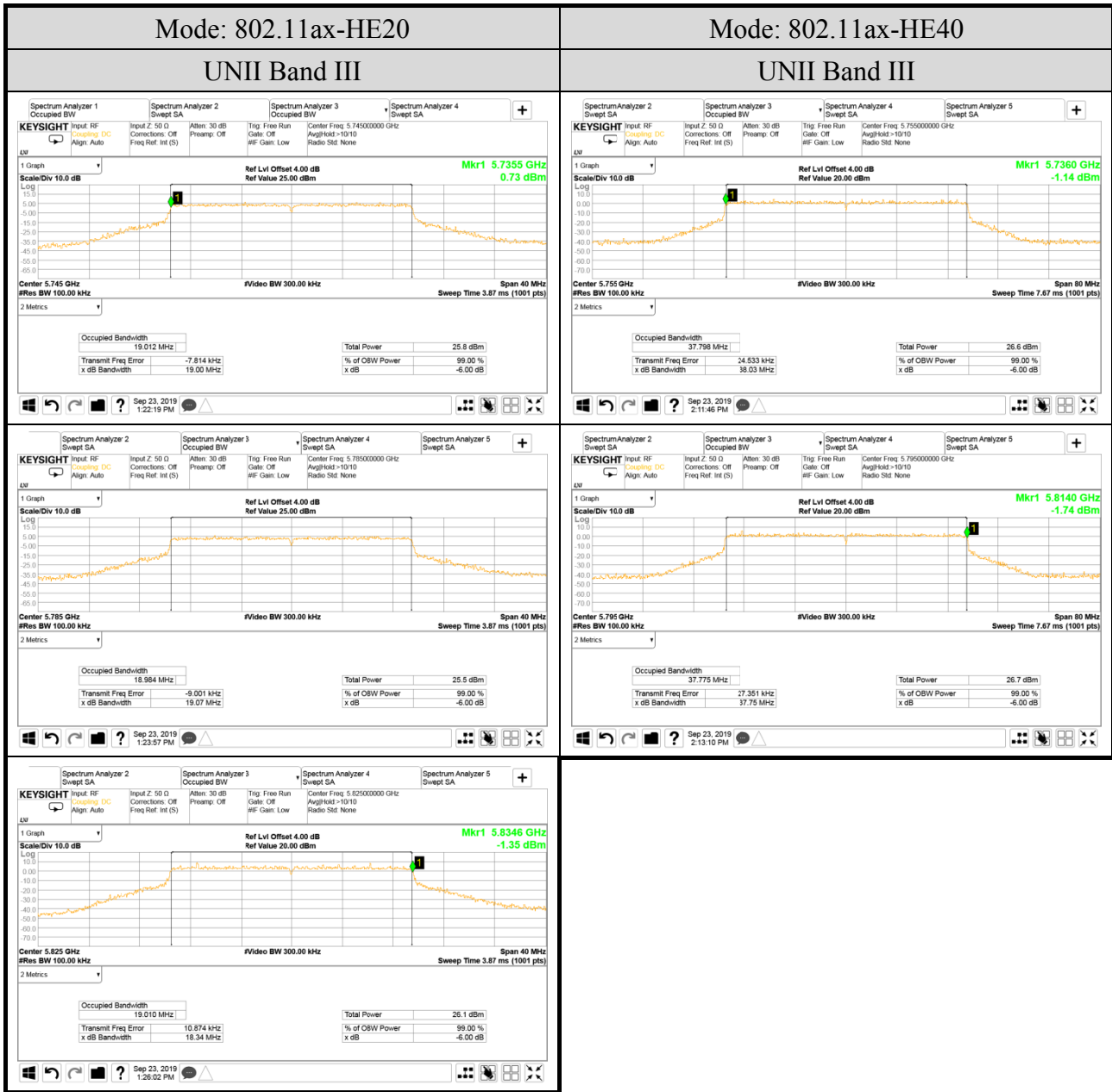
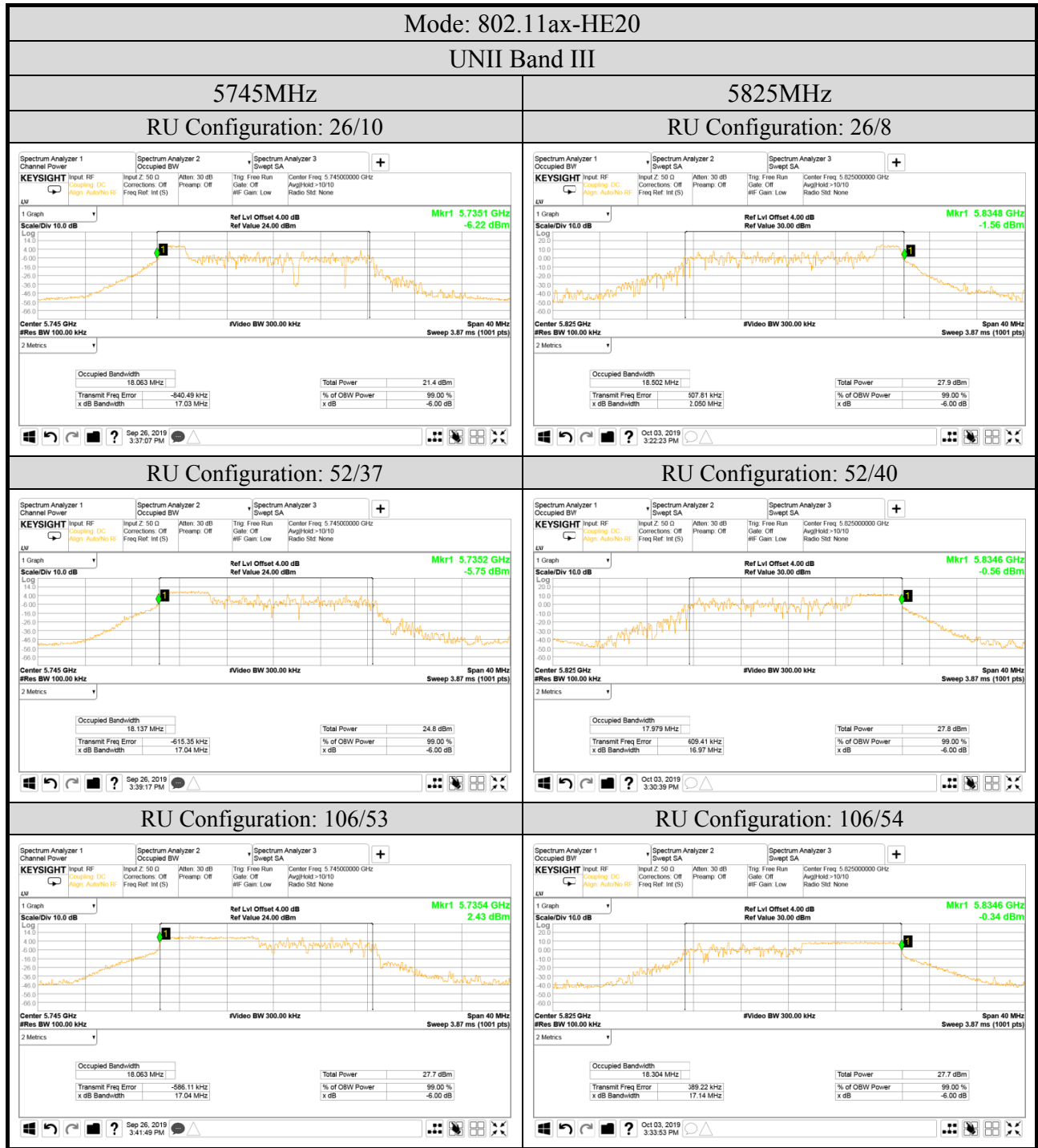


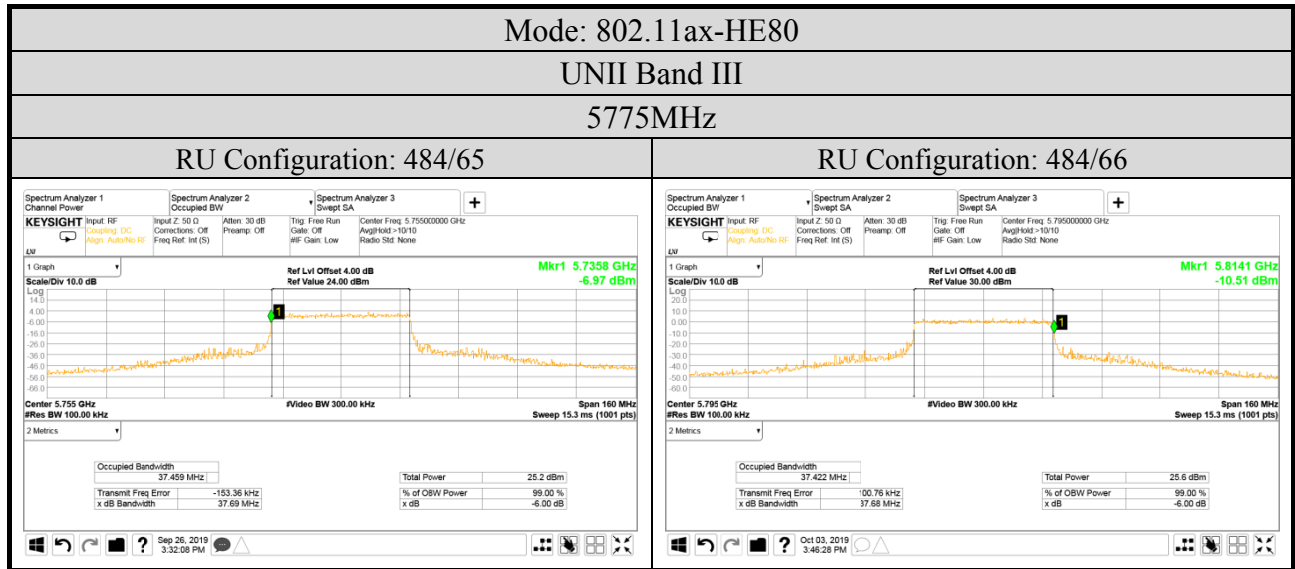
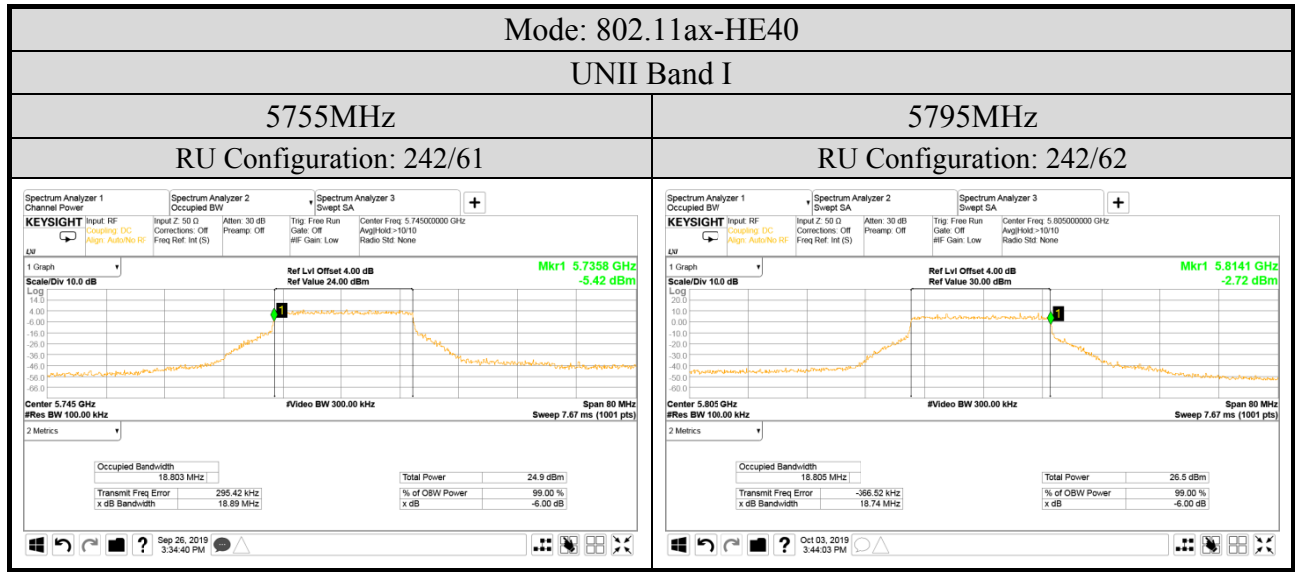
● For 6dB Bandwidth











## A.4 MAXIMUM OUTPUT POWER

Test Date	2019/09/20, 25, 26,10/3 10/4, 12/19	Temp./Hum.	23~24°C/47~55%
Cable Loss	1	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Test Model	14Z995

### 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	

### SPOT CHECK

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	17.98	17.78	N/A	17.98	0.063	< 250 mW (24 dBm)
		5200	19.22	18.63		19.22	0.084	
		5240	19.83	19.70		19.83	0.096	
	II-2A	5260	20.13	20.29		20.29	0.107	
		5300	18.98	19.10		19.10	0.081	
		5320	18.60	18.24		18.60	0.072	
	II-2C	5500	17.18	16.56		17.18	0.052	
		5580	18.16	18.83		18.83	0.076	
		5700	16.64	16.85		16.85	0.048	
		5720	18.63	18.58		18.63	0.073	
	III	5745	19.90	20.19		20.19	0.104	< 1 W (30 dBm)
		5785	20.12	19.69		20.12	0.103	
		5825	20.05	19.66		20.05	0.101	

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results.

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	
		5580	17.52	17.29		20.42	0.110	
		5700	15.11	14.57		17.86	0.061	
	III	5720	17.49	17.21		20.36	0.109	
		5745	17.26	17.24		20.26	0.106	
		5785	17.35	17.25		20.31	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	
	III	5710	17.98	17.55		20.78	0.120	
		5755	17.68	17.65		20.68	0.117	
		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	
		5530	15.64	15.24		18.45	0.070	
	II-2C	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			
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.

**SPOT CHECK**

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	15.94	15.68	N/A	18.82	0.076	< 250 mW (24 dBm)
		5200	16.11	15.88		19.01	0.080	
		5240	17.66	17.35		20.52	0.113	
	II-2A	5260	17.55	17.58		20.58	0.114	
		5300	16.18	15.69		18.95	0.079	
		5320	15.10	15.15		18.14	0.065	
	II-2C	5500	14.41	13.92		17.18	0.052	
		5580	16.11	15.59		18.87	0.077	
		5700	13.84	12.71		16.32	0.043	
		5720	15.60	15.64		18.63	0.073	
	III	5745	17.46	16.88		20.19	0.104	
		5785	17.66	17.64		20.66	0.116	
5825		17.22	17.04	20.14	0.103			
802.11n-HT40	I	5190	16.09	15.18	N/A	18.67	0.074	< 250 mW (24 dBm)
		5230	17.20	17.38		20.30	0.107	
	II-2A	5270	16.95	16.59		19.78	0.095	
		5310	14.86	14.33		17.61	0.058	
	II-2C	5510	13.56	13.03		16.31	0.043	
		5550	14.02	14.10		17.07	0.051	
		5670	15.65	15.09		18.39	0.069	
	III	5710	16.13	16.35		19.25	0.084	
		5755	17.68	17.66		20.68	0.117	
	802.11ac-VHT80	I	5210	15.71		15.59	N/A	
5290			14.86	14.67	17.78	0.060		
II-2C		5530	15.31	15.33	18.33	0.068		
		5610	16.14	15.81	18.99	0.079		
		5690	16.94	16.54	19.75	0.094		
III		5775	16.64	16.89	19.78	0.095		
		5775	16.64	16.89	19.78	0.095		
802.11ac-VHT160		I/II-2A	5250	12.27	12.09	N/A		15.19
	II-2C	5570	11.81	11.69	14.76		0.030	

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results.

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	
		5510	14.87	14.47		17.68	0.059	
	II-2C	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	
		5530	15.28	15.01		18.16	0.065	
	II-2C	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.

**SPOT CHECK**

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	15.21	15.30	N/A	18.27	0.067	< 250 mW (24 dBm)
		5200	15.84	16.11		18.99	0.079	
		5240	17.41	17.46		20.45	0.111	
	II-2A	5260	17.26	17.71		20.50	0.112	
		5300	16.54	15.68		19.14	0.082	
		5320	15.13	14.77		17.96	0.063	
	II-2C	5500	13.94	14.36		17.17	0.052	
		5580	15.80	15.81		18.82	0.076	
		5700	13.71	13.25		16.50	0.045	
		5720	15.72	15.36		18.55	0.072	
	III	5745	16.92	17.29		20.12	0.103	< 1 W (30 dBm)
		5785	17.16	17.05		20.12	0.103	
5825		17.49	17.04	20.28	0.107			
802.11ax-HE40	I	5190	15.47	15.15	N/A	18.32	0.068	< 250 mW (24 dBm)
		5230	17.39	16.99		20.20	0.105	
	II-2A	5270	16.42	16.42		19.43	0.088	
		5310	14.11	14.47		17.30	0.054	
	II-2C	5510	13.59	12.99		16.31	0.043	
		5550	14.06	13.88		16.98	0.050	
		5670	15.91	15.08		18.53	0.071	
	III	5710	16.21	16.11		19.17	0.083	
		5755	17.36	17.48		20.43	0.110	< 1 W (30 dBm)
	5795	17.92	17.58	20.76		0.119		
802.11ax-HE80	I	5210	15.20	15.83	N/A	18.54	0.071	< 250 mW (24 dBm)
	II-2A	5290	14.68	14.24		17.48	0.056	
		5530	14.04	13.30		16.70	0.047	
	II-2C	5610	16.34	15.69		19.04	0.080	
		5690	16.49	16.37		19.44	0.088	
	III	5775	16.51	16.48		19.51	0.089	< 1 W (30 dBm)
802.11ax-HE160	I/II-2A	5250	11.61	11.92	N/A	14.78	0.030	< 250 mW (24 dBm)
	II-2C	5570	11.37	10.84		14.12	0.026	

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N.

We did spot check for output power and all output power values keep identical thus we reuse all results.

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	
			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	18.39	0.069	< 250 mW (24 dBm)	
			242/62	14.59	14.36	17.49	0.056		
	II-2C	5510	242/61	15.05	14.75	17.91	0.062		
			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)
			242/62	16.98	16.96	19.98	0.100		
802.11ax-HE80	I	5210	484/65	15.21	15.47	18.35	0.027	< 250 mW (24 dBm)	
			484/66	12.33	11.76	15.06	0.054		
	II-2C	5530	484/65	13.85	13.53	16.70	0.072		
			484/66	15.78	15.62	18.71	0.030		
	III	5775	484/65	15.39	16.22	18.84	0.032		< 1 W (30 dBm)
			484/66	15.71	15.45	18.59	0.070		
802.11ax-HE160	I/II-2A	5250	996/67	10.75	10.59	13.68	0.029	< 250 mW (24 dBm)	
			996/S67	10.47	10.34	13.42	0.058		
	II-2C	5570	996/67	10.14	9.53	12.86	0.074		
			996/S67	9.90	9.71	12.82	0.029		

Note: The results have been included cable loss.

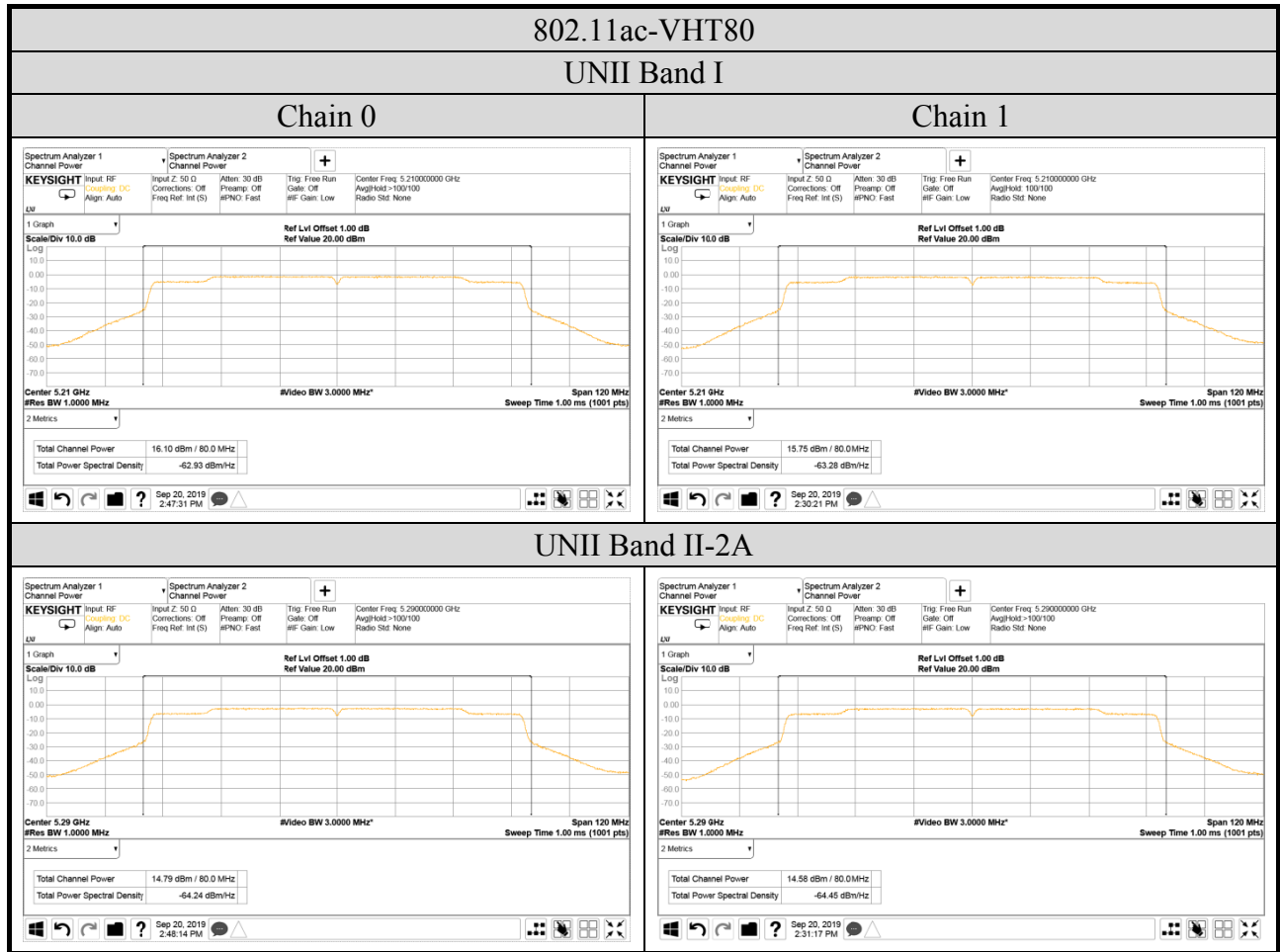
**SPOT CHECK**

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	11.18	11.54	N/A	14.37	0.027	< 250 mW (24 dBm)
			52/37	14.25	13.86		17.07	0.051	
			106/53	15.29	15.12		18.22	0.066	
	II-2A	5320	26/8	11.95	11.27		14.63	0.029	
			52/40	11.70	11.54		14.63	0.029	
			106/54	15.04	14.72		17.89	0.062	
	II-2C	5500	26/0	11.87	11.19		14.55	0.029	
			52/37	14.10	13.66		16.90	0.049	
			106/53	14.12	14.01		17.08	0.051	
		5700	26/8	11.67	11.63		14.66	0.029	
			52/40	13.12	12.67		15.91	0.039	
			106/54	13.41	13.29		16.36	0.043	
	III	5745	26/0	11.93	11.29		14.63	0.029	
			52/37	14.69	14.89		17.80	0.060	
			106/53	16.94	16.97		19.97	0.099	
		5825	26/8	16.57	16.11		19.36	0.086	
52/40			16.75	16.62	19.70	0.093			
106/54			16.81	16.75	19.79	0.095			
802.11ax-HE40	I	5190	242/61	15.25	15.06	N/A	18.17	0.066	< 250 mW (24 dBm)
	II-2A	5310	242/62	14.39	14.06		17.24	0.053	
	II-2C	5510	242/61	13.39	13.05		16.23	0.042	
		5670	242/62	15.47	15.43		18.46	0.070	
	III	5755	242/61	17.12	16.73		19.94	0.099	
		5795	242/62	17.35	17.23		20.30	0.107	
802.11ax-HE80	I	5210	484/65	15.52	15.76	N/A	18.65	0.027	< 250 mW (24 dBm)
	II-2A	5290	484/66	11.93	12.16		15.06	0.051	
	II-2C	5530	484/65	13.57	13.74		16.67	0.066	
		5610	484/66	15.40	15.43		18.43	0.029	
	III	5775	484/65	15.10	15.93		18.55	0.029	
			484/66	15.58	15.47		18.54	0.062	
802.11ax-HE160	I/II-2A	5250	996/67	10.52	10.25	N/A	13.40	0.029	< 250 mW (24 dBm)
			996/S67	10.41	10.26		13.35	0.049	
	II-2C	5570	996/67	10.41	9.71		13.08	0.051	
			996/S67	10.19	9.78		13.00	0.029	

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results.

A.4.2 Measurement Plots

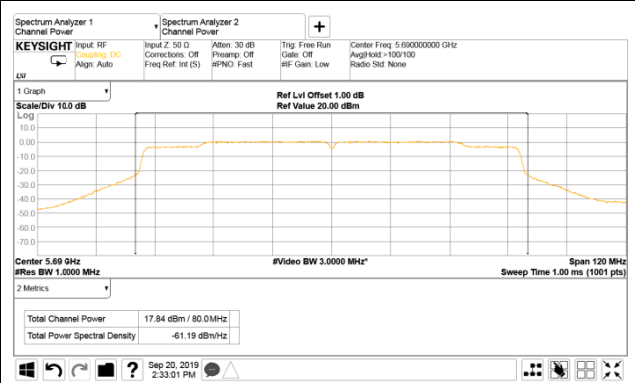
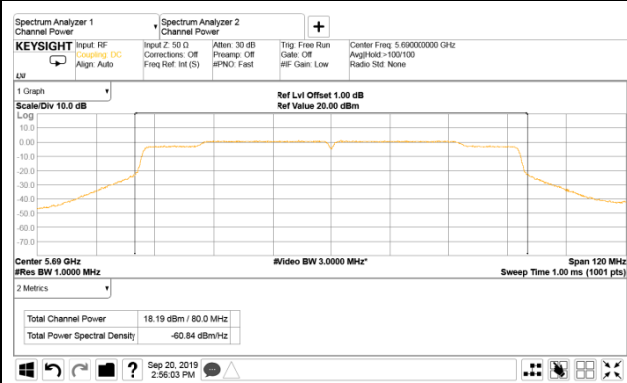
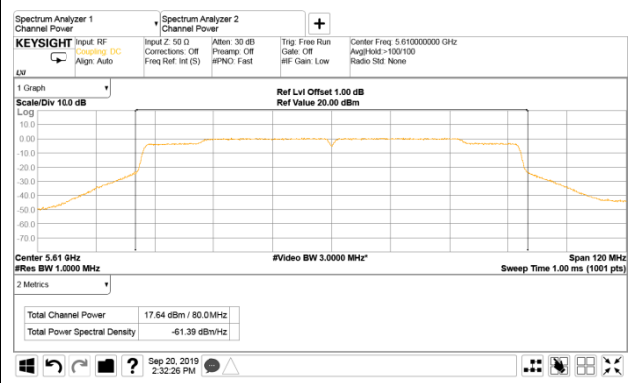
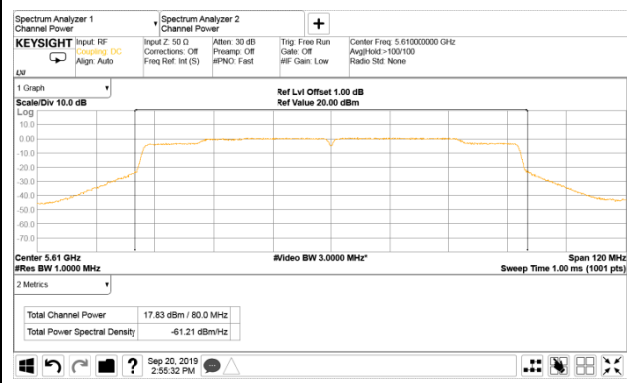
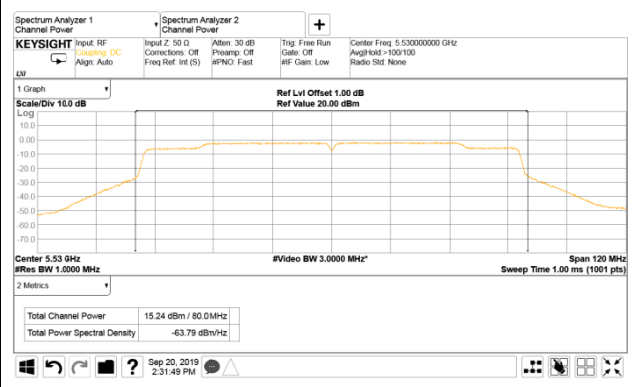
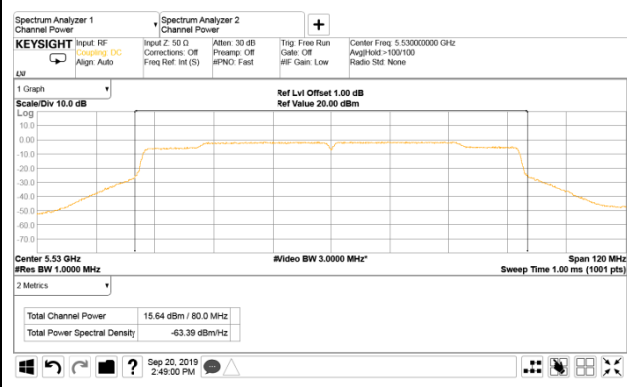


802.11ac-VHT80

UNII Band II-2C

Chain 0

Chain 1



UNII Band III

