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Fax: +886 2 26099303

A.3 26dB/6dB BANDWIDTH

Test Date	2019/09/23~10/3	Temp./Hum.	24℃/57%
Cable Loss	1dB	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 26dB/6dB Bandwidth Result

- For 26dBBandwidth

Mode	Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	NII-I	5180	22.81	16.805	Reference only
		5200	22.97	16.807	
		5240	23.88	16.796	
	NII-2A	5260	23.28	16.823	
		5300	22.95	16.805	
		5320	22.65	16.803	
	NII-2C	5500	23.54	16.807	
		5580	23.23	16.767	
		5700	23.08	16.870	
		5720	23.04	16.830	
802.11n-HT20	NII-I	5180	23.71	17.979	Reference only
		5200	23.62	17.944	
		5240	23.07	18.056	
	NII-2A	5260	23.53	17.940	
		5300	23.70	17.984	
		5320	23.51	17.953	
	NII-2C	5500	23.87	18.008	
		5580	25.08	17.995	
		5700	24.13	17.941	
		5720	24.57	18.035	

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Mode	Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11n-HT40	NII-I	5190	43.90	36.525	Reference only
		5230	44.43	36.413	
	NII-2A	5270	44.39	36.422	
		5310	43.23	36.372	
	NII-2C	5510	43.15	36.419	
		5550	42.94	36.401	
		5670	43.38	36.409	
		5710	42.80	36.408	
802.11ac-VHT80	NII-I	5210	83.82	75.168	Reference only
	NII-2A	5290	84.27	75.078	
	NII-2C	5530	84.12	75.110	
		5610	83.55	75.154	
		5690	83.09	75.118	
802.11ac-VHT160	NII-I	5250	163.50	153.050	
	NII-2A				
	NII-2C	5570	162.60	153.080	

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Mode	Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	NII-I	5180	24.43	19.033	Reference only
		5200	23.80	19.067	
		5240	23.57	19.038	
	NII-2A	5260	23.66	19.099	
		5300	24.21	19.084	
		5320	23.91	19.124	
	NII-2C	5500	24.21	19.120	
		5580	23.15	19.073	
		5700	23.74	19.095	
		5720	23.95	19.073	
802.11ax-HE40	NII-I	5190	42.11	37.738	Reference only
		5230	42.47	37.818	
	NII-2A	5270	42.56	37.861	
		5310	43.47	37.854	
	NII-2C	5510	42.03	37.840	
		5550	42.74	37.768	
		5670	41.08	37.850	
		5710	42.61	37.787	
802.11ax-HE80	NII-I	5210	81.78	76.665	Reference only
	NII-2A	5290	81.97	76.571	
	NII-2C	5530	81.83	76.536	
		5610	81.00	76.499	
		5690	82.38	76.536	
802.11ax-HE160	NII-I	5250	162.50	154.730	Reference only
	NII-2A				
	NII-2C	5570	163.50	155.110	

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Mode	Band	Centre Frequency (MHz)	RU Configuration	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	NII-I	5180	26/0	19.87	18.456	Reference only
			52/37	20.20	18.204	
			106/53	20.86	18.233	
	NII-2A	5320	26/8	20.14	18.518	
			52/40	21.49	18.158	
			106/54	20.57	17.889	
	NII-2C	5500	26/0	20.27	18.583	
			52/37	20.87	18.215	
			106/53	20.89	18.236	
		5700	26/8	19.65	18.236	
			52/40	21.11	18.404	
			106/54	21.62	18.220	
802.11ax-HE40	NII-I	5190	242/61	23.43	18.846	Reference only
	NII-2A	5310	242/62	25.43	18.771	
	NII-2C	5510	242/61	24.54	18.796	
		5670	242/62	23.92	18.841	
802.11ax-HE80	NII-I	5210	484/65	41.80	37.553	Reference only
	NII-2A	5290	484/66	40.97	37.466	
	NII-2C	5530	484/65	42.78	37.403	
		5610	484/66	41.89	37.561	
802.11ax-HE160	NII-I/ NII-2A	5250	996/67	81.81	76.779	
			996/S67	81.49	76.969	
	NII-2C	5570	996/67	81.68	76.461	
			996/S67	81.49	76.802	

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- For 6dBBandwidth

Mode	Band	Centre Frequency (MHz)	6dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	NII-III	5745	16.39	16.597	≥ 500kHz
		5785	16.43	16.581	
		5825	16.38	16.571	
802.11n-HT20	NII-III	5745	17.60	17.747	
		5785	17.81	17.821	
		5825	17.79	17.798	
802.11n-HT40	NII-III	5755	36.38	36.296	
		5795	36.42	36.311	
802.11ac-VHT80	NII-III	5775	52.67	75.108	
802.11ax-HE20	NII-III	5745	19.00	19.012	
		5785	19.07	18.984	
		5825	18.34	19.010	
802.11ax-HE40	NII-III	5755	38.03	37.798	
		5795	37.75	37.775	
802.11ax-HE80	NII-III	5775	68.96	76.654	

Mode	Band	Centre Frequency (MHz)	RU Configuration	6dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	NII-III	5745	26/0	17.03	18.063	≥ 500kHz
			52/37	17.04	18.137	
			106/53	17.04	18.063	
	NII-III	5825	26/8	2.050	18.502	
			52/40	16.97	17.979	
			106/54	17.14	18.304	
802.11ax-HE40	NII-III	5755	242/61	18.89	18.803	
	NII-III	5795	242/62	18.74	18.805	
802.11ax-HE80	NII-III	5775	484/65	37.69	37.459	
			484/66	37.68	37.422	

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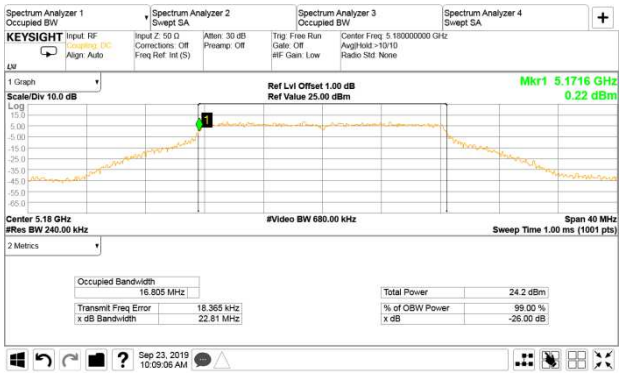
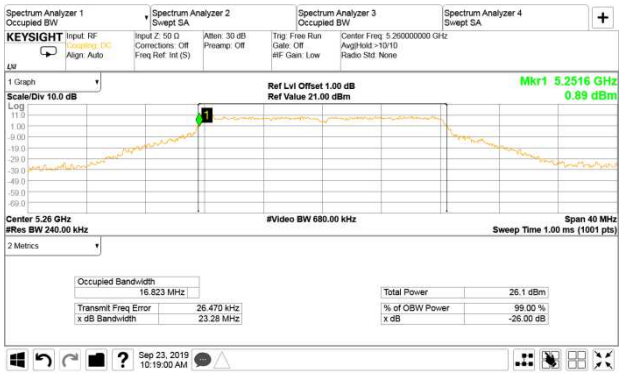
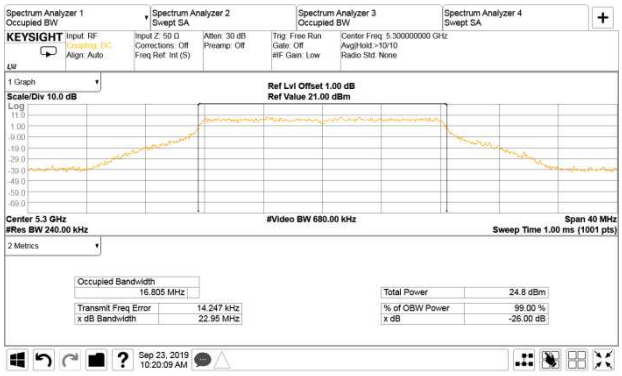
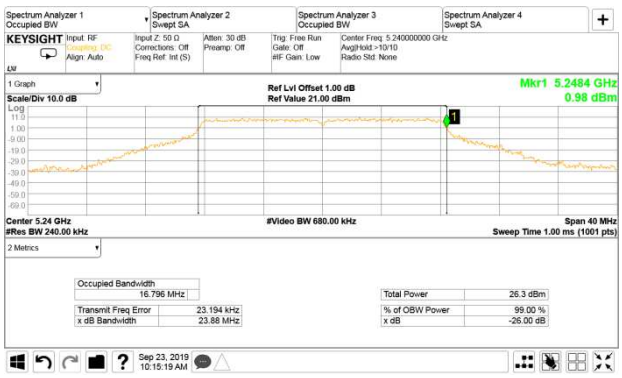
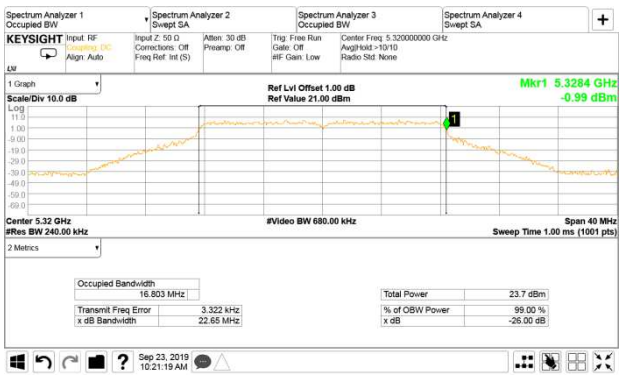
A.3.2 Measurement Plots

- For 26dBBandwidth

Mode: 802.11a	
Band NII-I	Band NII-2A
	
	
	

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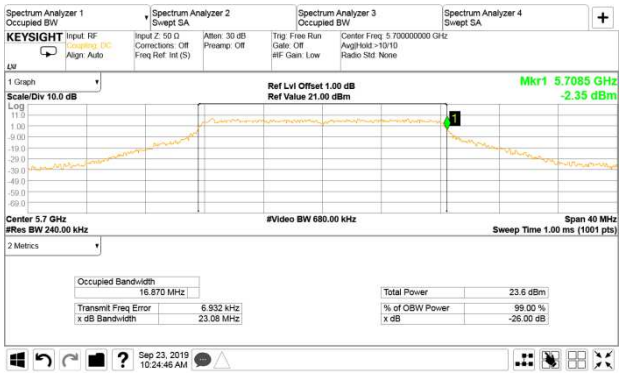
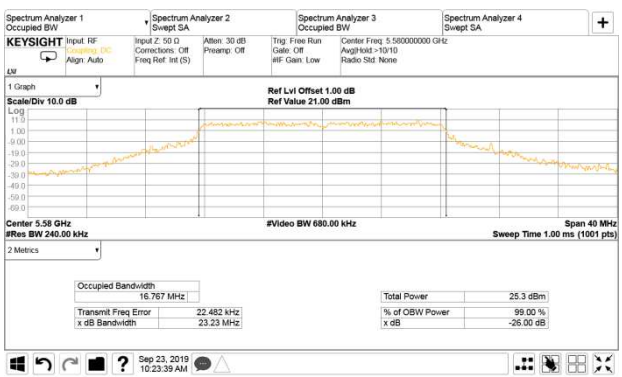
Mode: 802.11a	
Band NII-2C	
	
	

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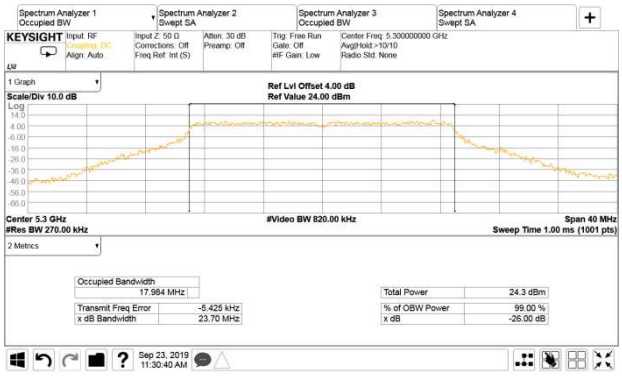
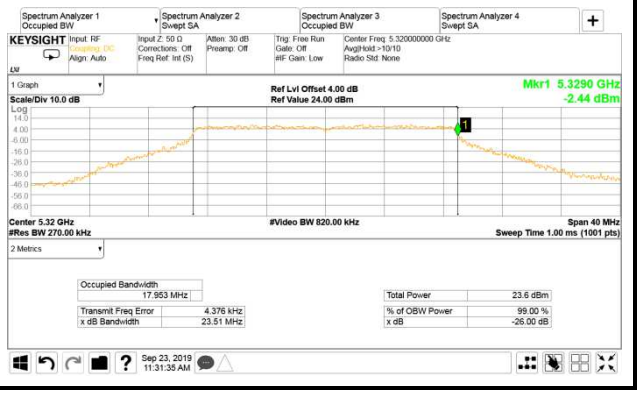
Mode: 802.11n-HT20	
Band NII-I	Band NII-2A
	
	

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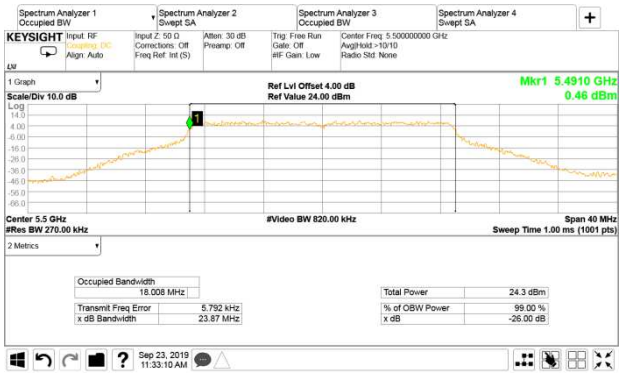
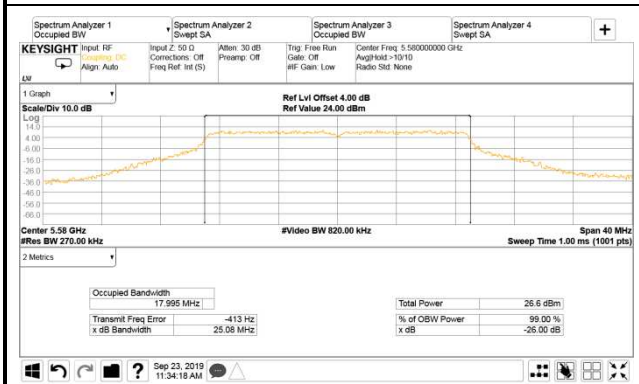
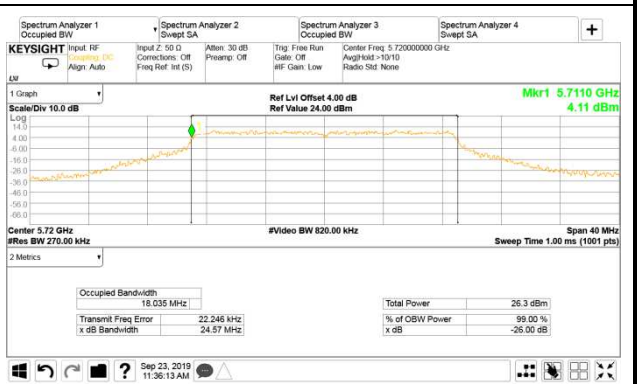
Mode: 802.11n-HT20	
Band NII-2C	
	
	

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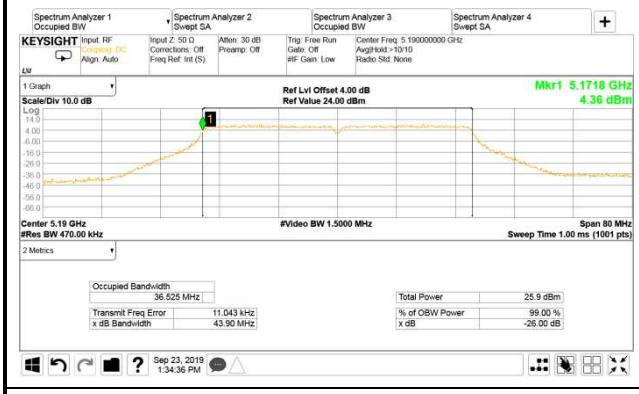
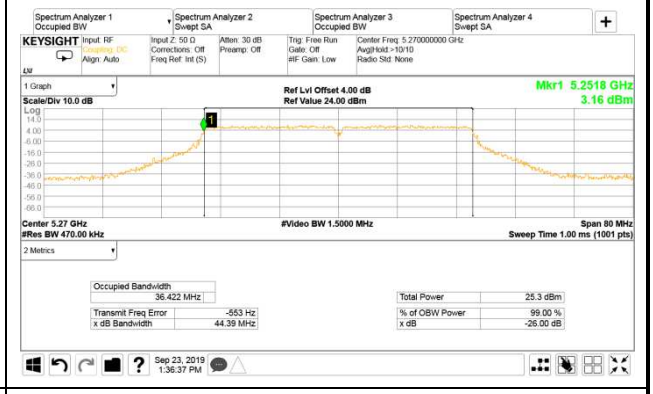
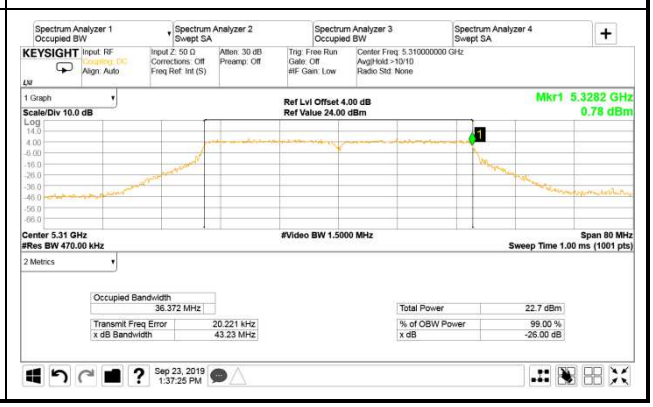
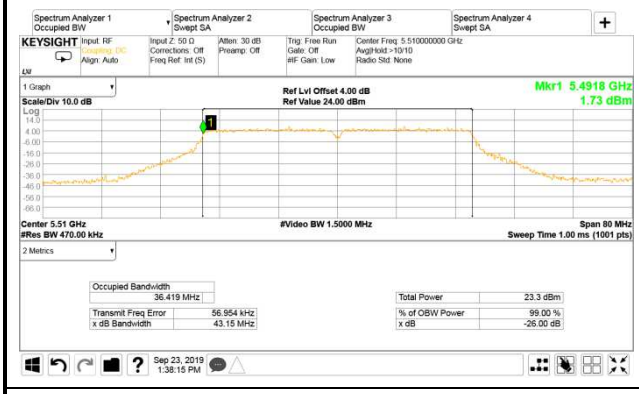
Mode: 802.11n-HT40	
Band NII-I	Band NII-2A







Mode: 802.11n-HT40	
Band NII-2C	



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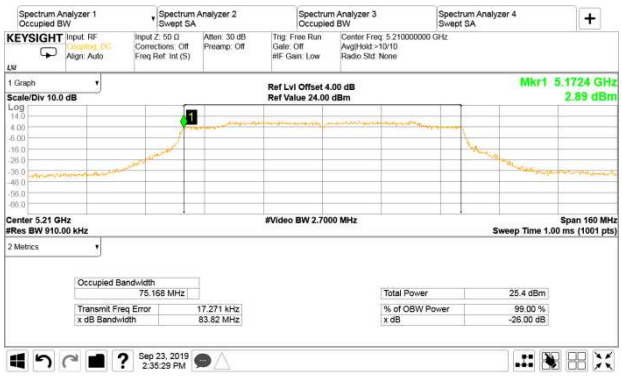
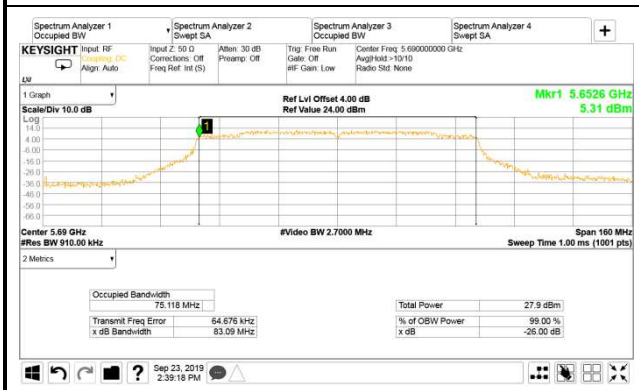
Mode: 802.11ac-VHT80

Band NII-I



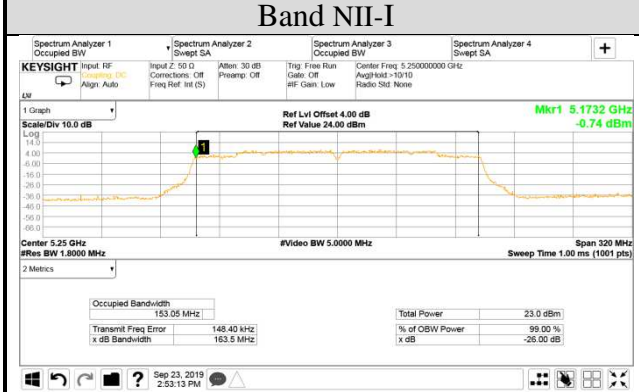
Band NII-2A

Band NII-2C

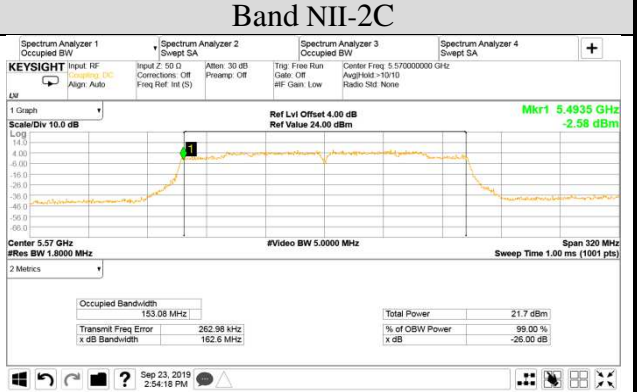


Mode: 802.11ac-VHT160

Band NII-I



Band NII-2C



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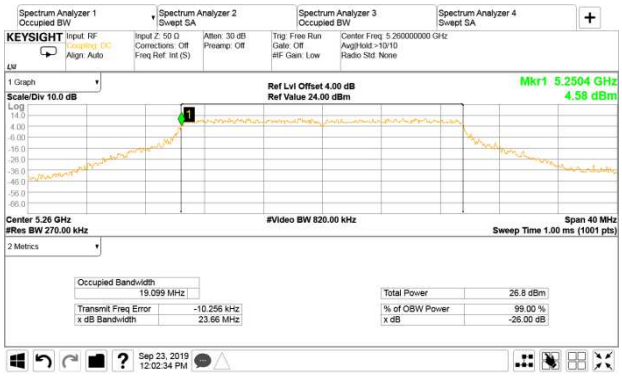
Mode: 802.11ax-HE20	
Band NII-I	Band NII-2A
	

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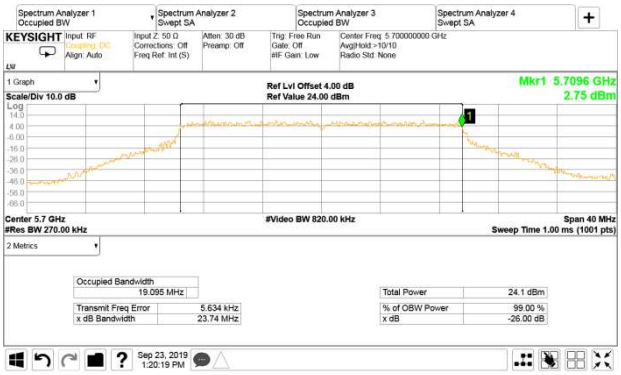
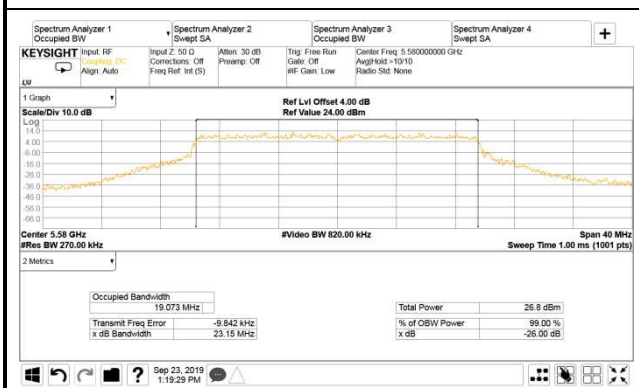
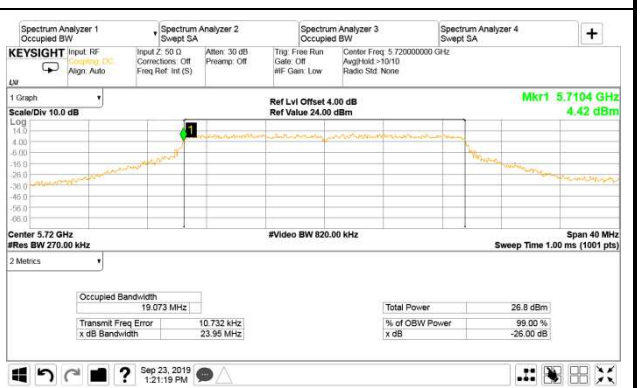
Mode: 802.11ax-HE20	
Band NII-2C	
	
	

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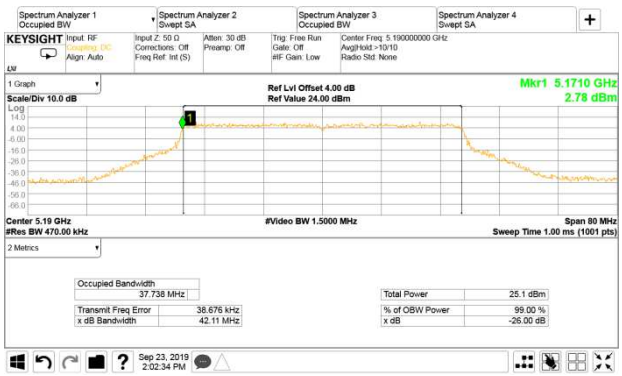
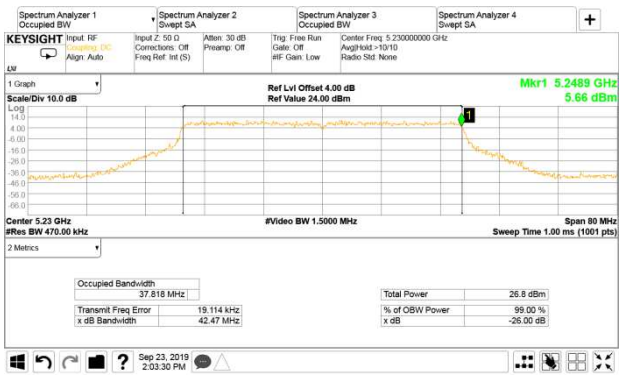
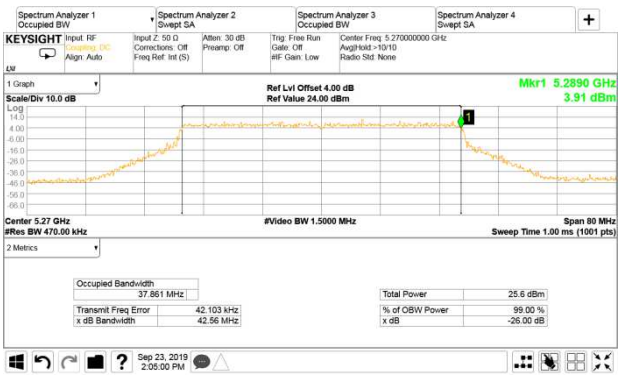
Mode: 802.11ax-HE40

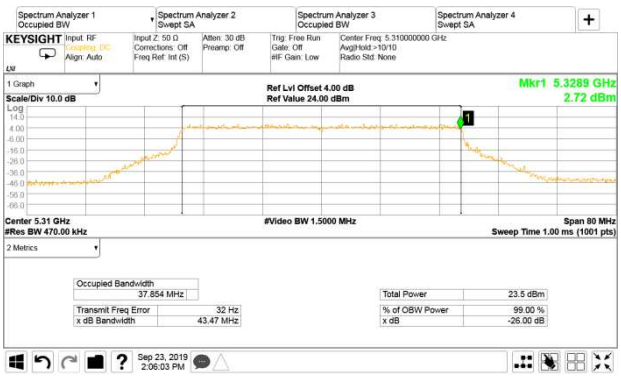
Band NII-I





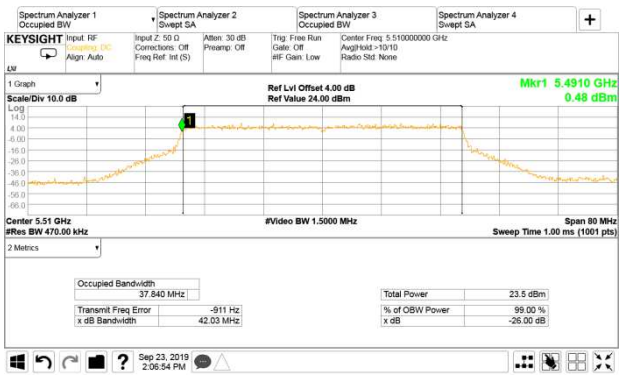
Band NII-2A

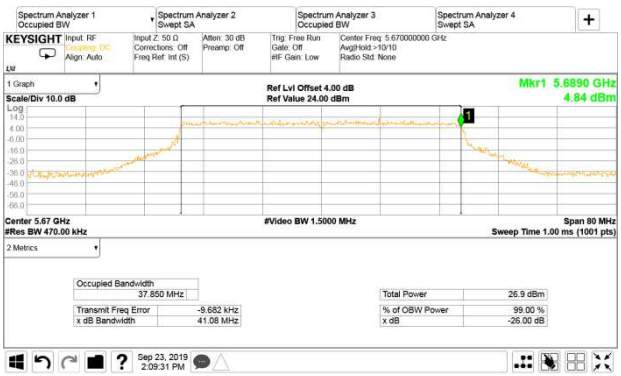


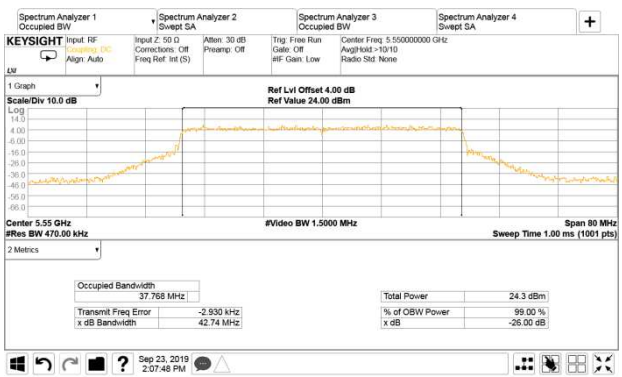


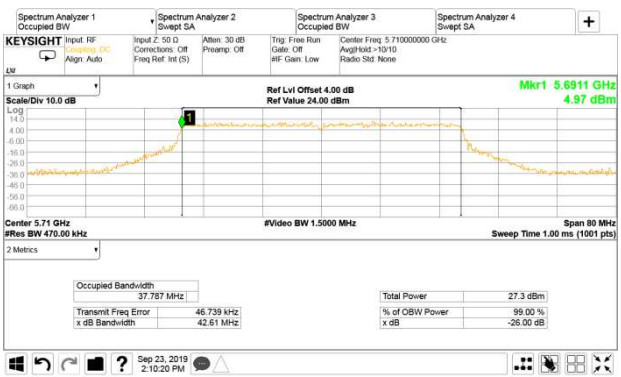
Mode: 802.11ax-HE40

Band NII-2C









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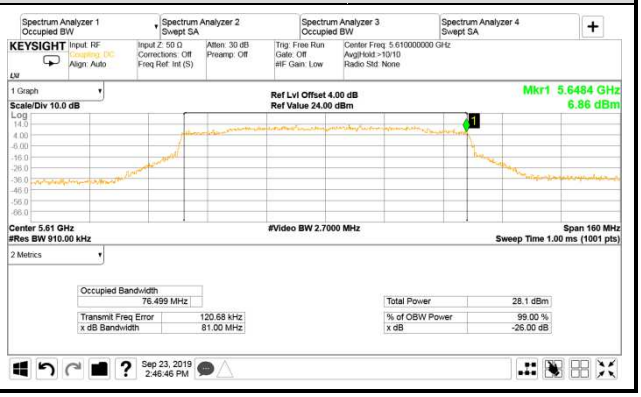
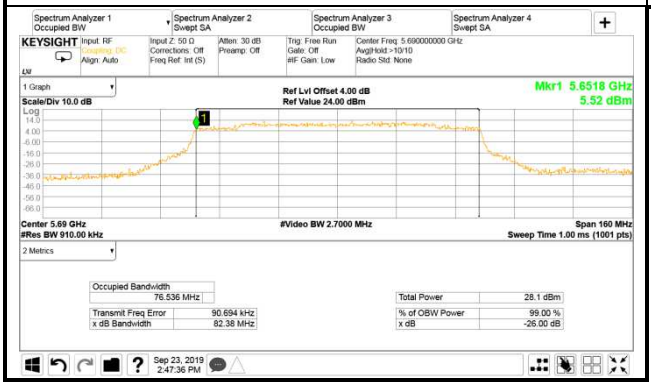
Mode: 802.11ax-HE80

Band NII-I

Band NII-2A

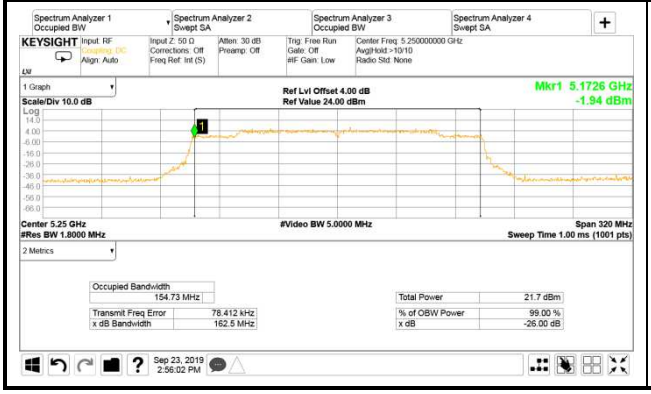
Band NII-2C



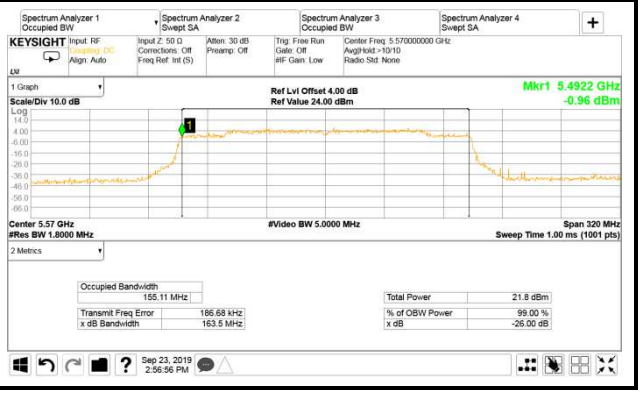


Mode: 802.11ax-HE160

Band NII-I



Band NII-2C



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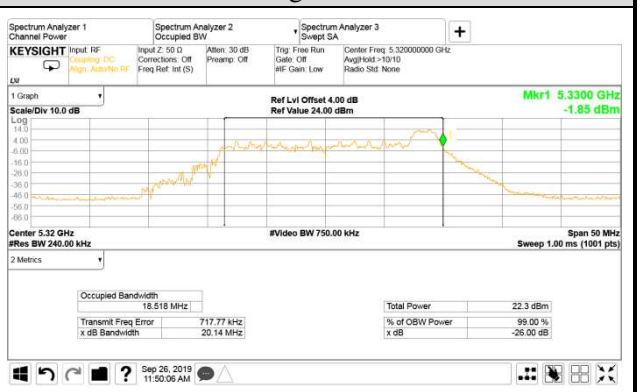
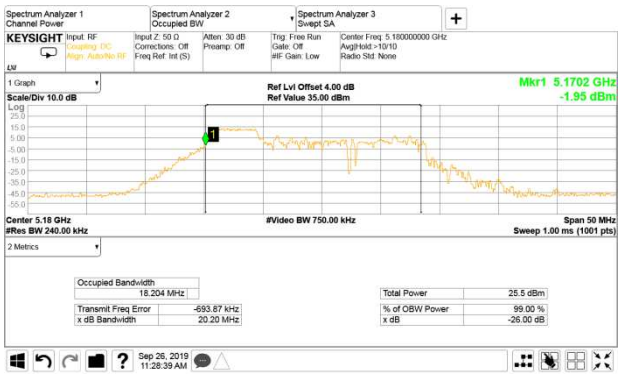
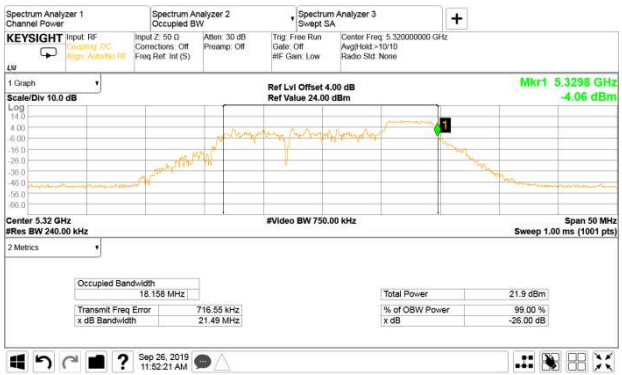
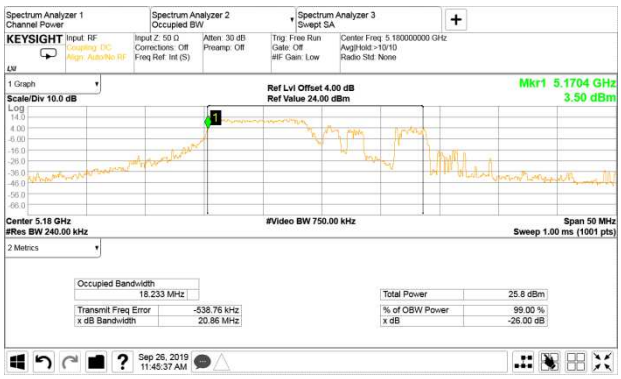
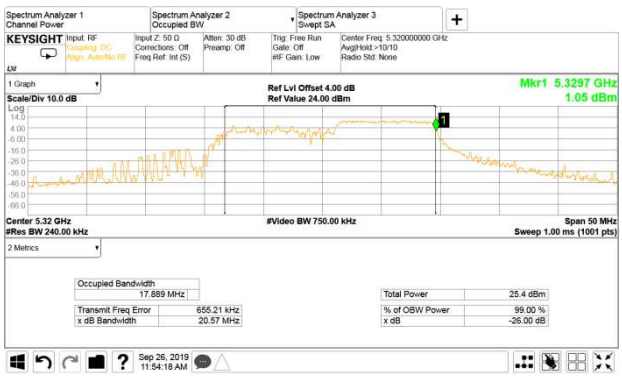
Mode: 802.11ac-HE20	
Band NII-I	Band NII-2A
5180MHz	5320MHz
RU Configuration: 26/0	RU Configuration: 26/8
	
RU Configuration: 52/37	RU Configuration: 52/40
	
RU Configuration: 106/53	RU Configuration: 106/54
	

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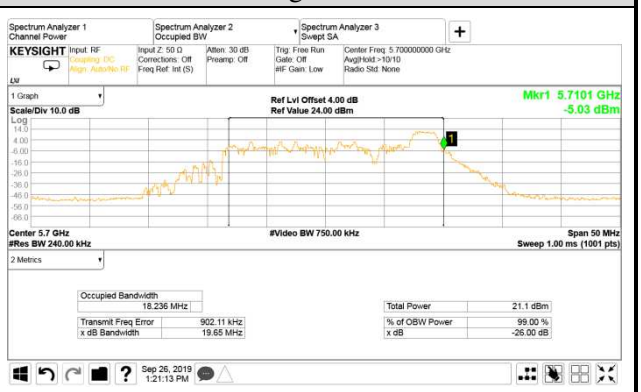
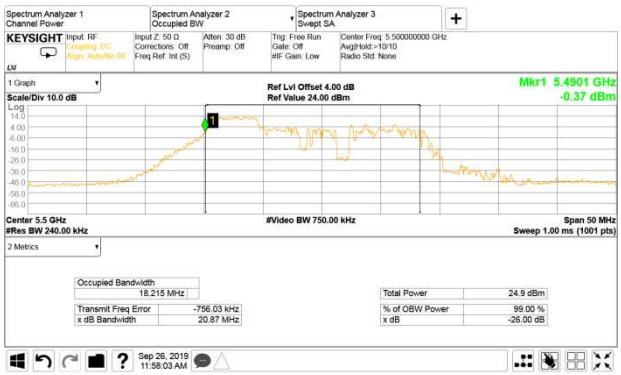
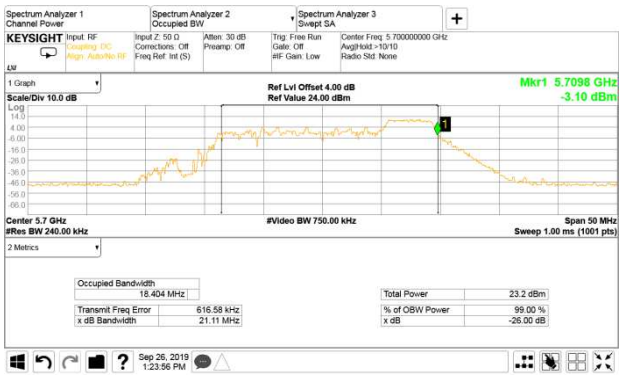
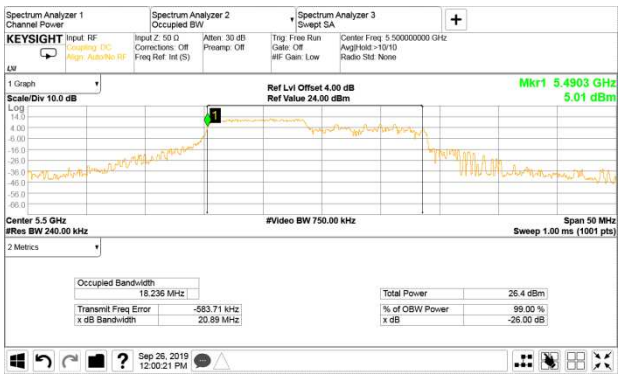
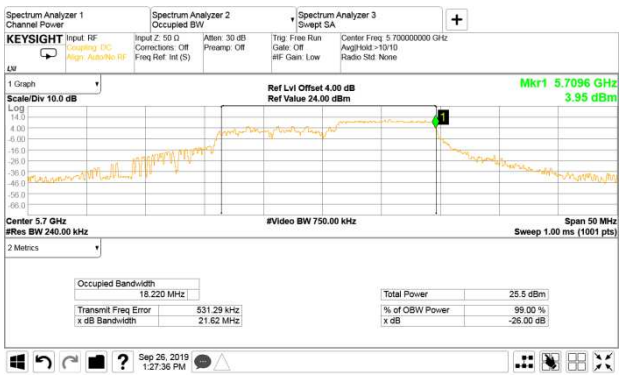
Mode: 802.11ac-HE20	
Band NII-2C	
5500MHz	5700MHz
RU Configuration: 26/0	RU Configuration: 26/8
	
RU Configuration: 52/37	RU Configuration: 52/40
	
RU Configuration: 106/53	RU Configuration: 106/54
	

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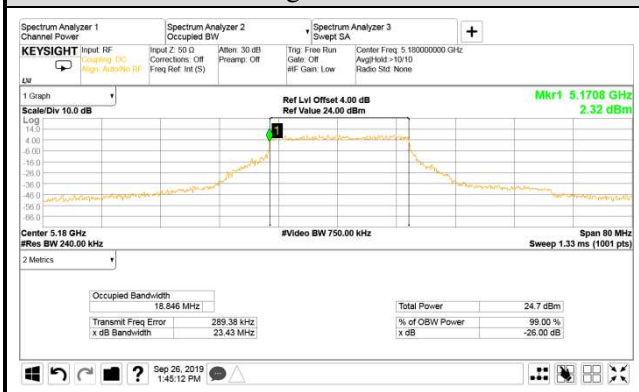
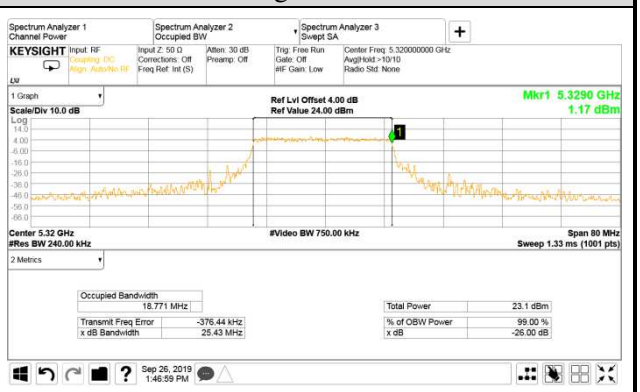
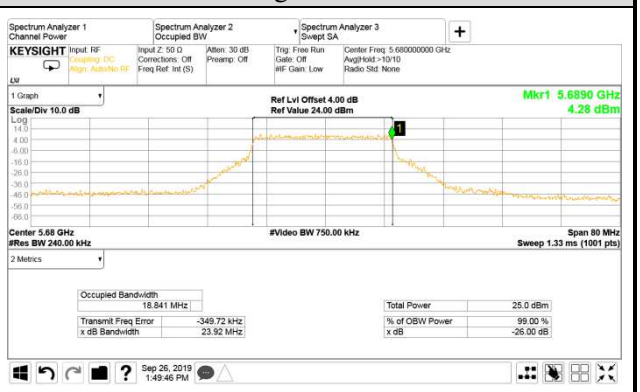
Mode: 802.11ax-HE40	
Band NII-I	Band NII-2A
5190MHz	5310MHz
RU Configuration: 242/61	RU Configuration: 242/62
	
Band NII-2C	
5510MHz	5670MHz
RU Configuration: 242/61	RU Configuration: 242/62
	

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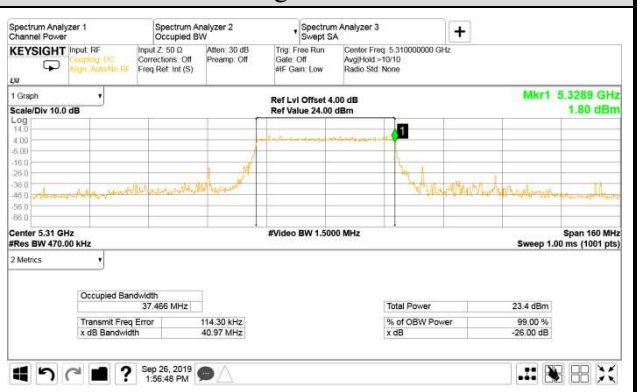
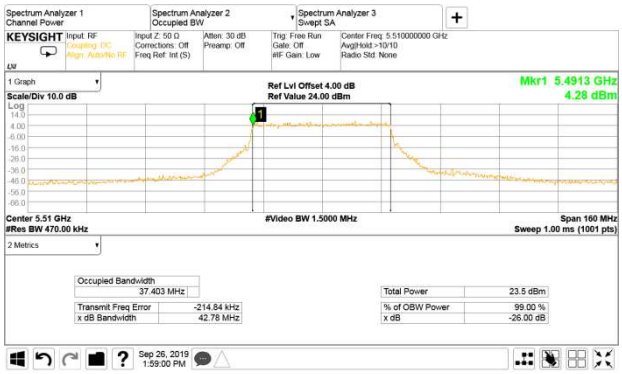
Mode: 802.11ax-HE80	
Band NII-I	Band NII-2A
5210MHz	5290MHz
RU Configuration: 484/65	RU Configuration: 484/65
	
Band NII-2C	
5530MHz	5610MHz
RU Configuration: 484/65	RU Configuration: 484/66
	

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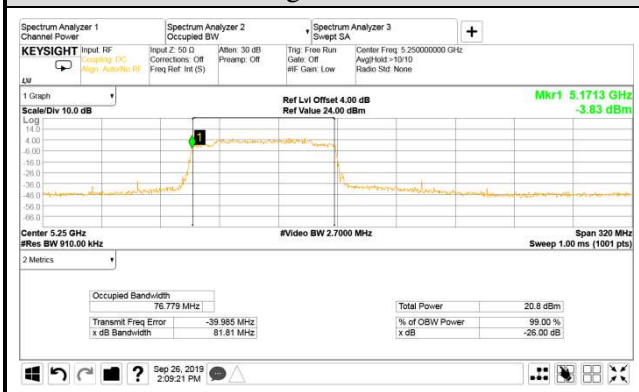
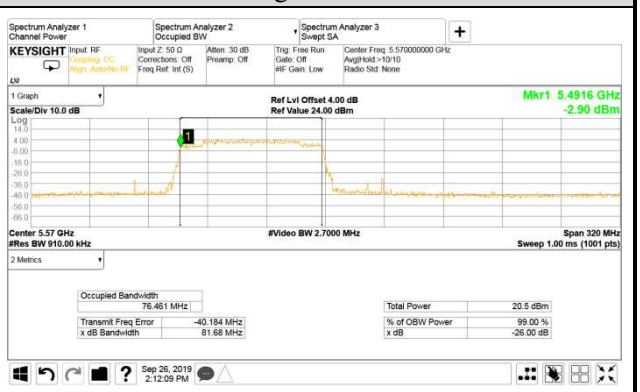
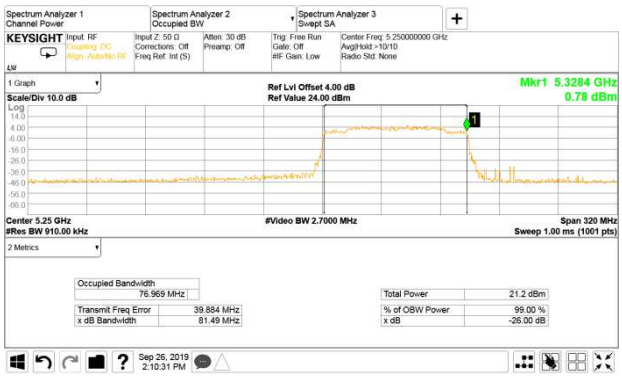
Mode: 802.11ax-HE160	
Band NII-I/NII-2A	Band NII-2C
5250MHz	5570MHz
RU Configuration: 996/67	RU Configuration: 996/67
	
RU Configuration: 996/S67	RU Configuration: 996/S67
	

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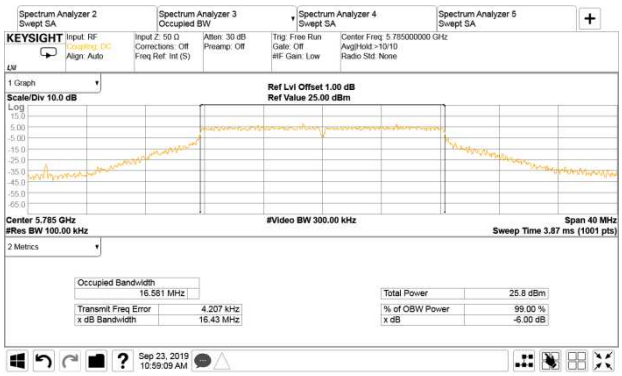
- For 6dBBandwidth

Mode: 802.11a	Mode: 802.11n-HT20
Band NII-III	Band NII-III
	

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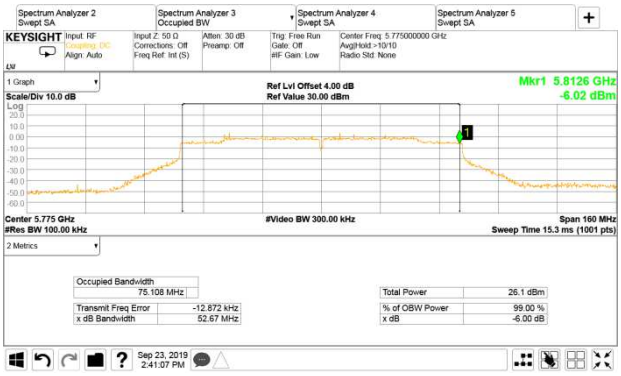
Mode: 802.11n-HT40	Mode: 802.11ac-VHT80
Band NII-III	Band NII-III
	

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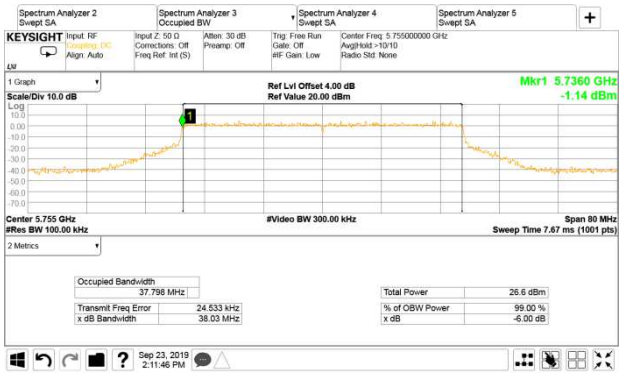
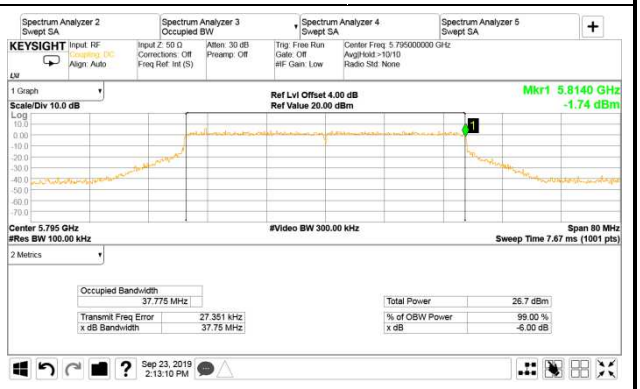
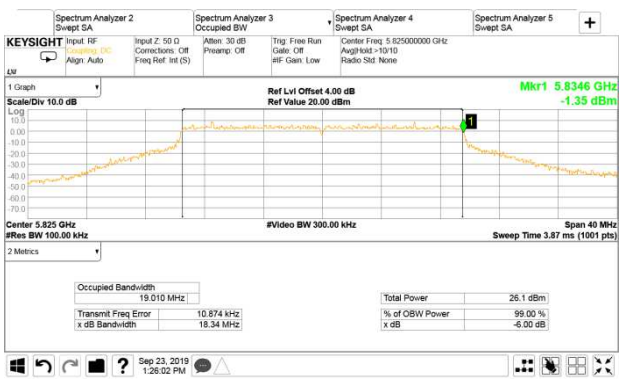
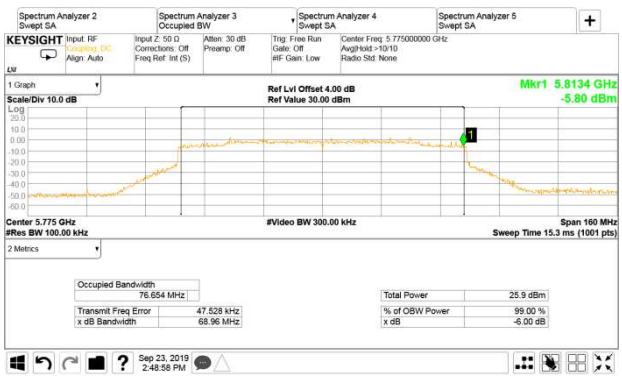
Mode: 802.11ax-HE20	Mode: 802.11ax-HE40
Band NII-III	Band NII-III
	
	
	

Mode: 802.11ac-HE80
Band NII-III


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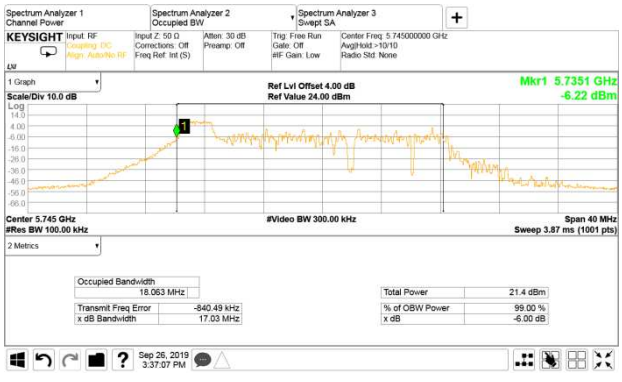
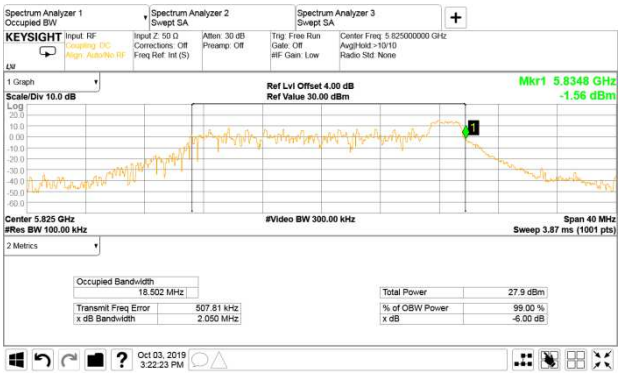
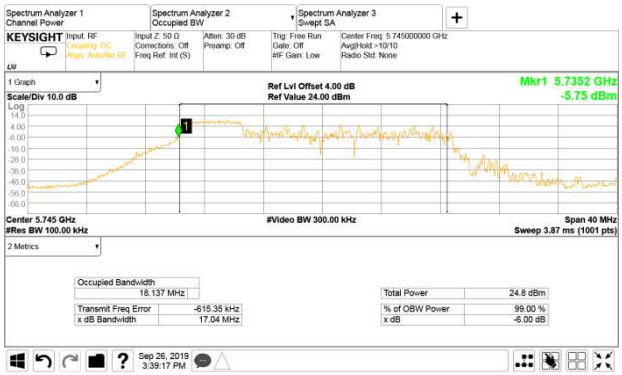
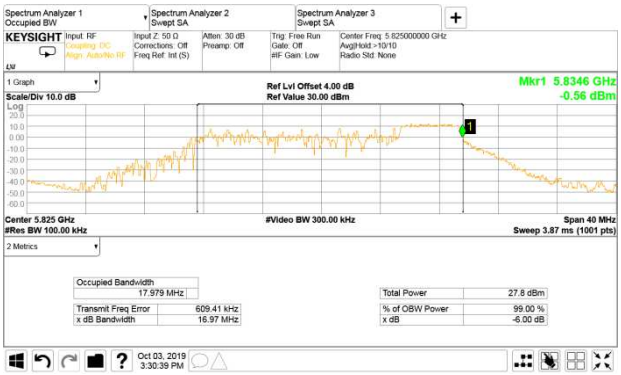
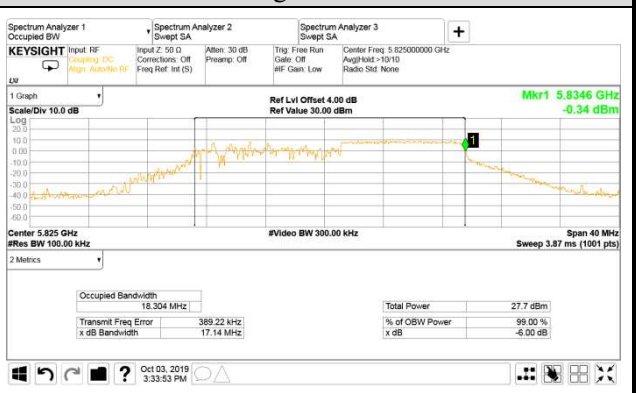
Mode: 802.11ax-HE20	
Band NII-III	
5745MHz	5825MHz
RU Configuration: 26/0	RU Configuration: 26/8
	
RU Configuration: 52/37	RU Configuration: 52/40
	
RU Configuration: 106/53	RU Configuration: 106/54
	

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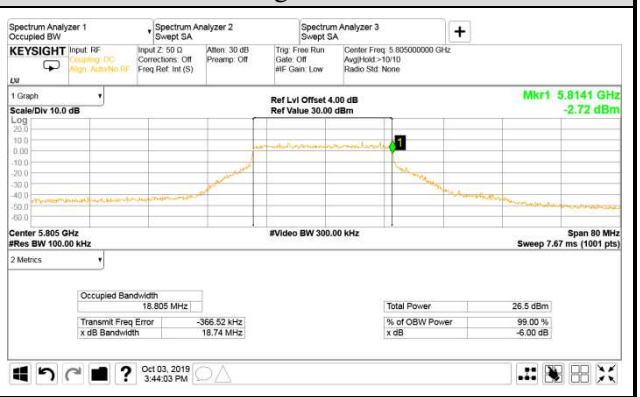
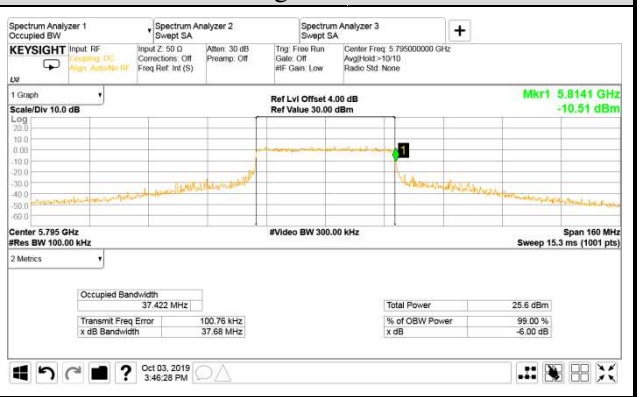
Mode: 802.11ax-HE40	
Band NII-I	
5755MHz	5795MHz
RU Configuration: 242/61	RU Configuration: 242/62
	

Mode: 802.11ax-HE80	
Band NII-III	
5775MHz	
RU Configuration: 484/65	RU Configuration: 484/66
	

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