

A.3 26dB/6dB BANDWIDTH

Test Date	2019/11/28 ~ 12/26	Temp./Hum.	20 ~ 25°C/45 ~ 63%
Cable Loss	1.5dB	Tested By	Kuper Hsu
Test Voltage	DC 5V (via Test JIG)		

A.3.1 26dB/6dB Bandwidth Result

- For 26dB Bandwidth

Chipset: MT7668AUN

Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	NII-I	5180	23.75	16.709	Reference only
		5200	23.78	16.630	
		5240	25.30	16.786	
	NII-2A	5260	26.48	16.752	
		5300	23.85	16.753	
		5320	23.61	16.640	
	NII-2C	5500	21.41	16.543	
		5580	24.30	16.518	
		5700	22.49	16.537	
		5720	23.24	16.644	
802.11n-HT20	NII-I	5180	20.14	17.625	Reference only
		5200	21.54	17.648	
		5240	20.65	17.641	
	NII-2A	5260	23.67	17.703	
		5300	21.84	17.711	
		5320	24.30	17.722	
	NII-2C	5500	21.36	17.700	
		5580	21.91	17.701	
		5700	23.79	17.651	
		5720	21.36	17.665	

Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11n-HT40	NII-I	5190	40.48	36.209	Reference only
		5230	40.66	36.290	
	NII-2A	5270	44.14	36.326	
		5310	41.89	36.218	
	NII-2C	5510	40.25	36.120	
		5550	43.77	36.218	
		5670	40.36	36.248	
		5710	40.66	36.216	
802.11ac-VHT80	NII-I	5210	80.94	75.852	Reference only
	NII-2A	5290	83.20	75.923	
	NII-2C	5530	81.54	75.781	
		5610	83.78	75.901	
		5690	80.79	75.886	

Chipset: MT7915DUN

Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	NII-I	5180	19.61	16.356	Reference only
		5200	19.27	16.338	
		5240	19.34	16.354	
	NII-2A	5260	19.47	16.336	
		5300	19.32	16.342	
		5320	19.53	16.370	
	NII-2C	5500	19.31	16.358	
		5580	19.62	16.355	
		5700	19.48	16.365	
		5720	19.23	16.360	
802.11n-HT20	NII-I	5180	19.74	17.488	Reference only
		5200	20.22	17.511	
		5240	19.66	17.521	
	NII-2A	5260	19.79	17.512	
		5300	19.96	17.550	
		5320	19.92	17.534	
	NII-2C	5500	19.44	17.489	
		5580	19.56	17.509	
		5700	20.11	17.545	
		5720	19.89	17.561	

Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11n-HT40	NII-I	5190	39.44	35.895	Reference only
		5230	69.62	36.738	
	NII-2A	5270	39.57	35.809	
		5310	39.71	35.786	
	NII-2C	5510	39.61	35.841	
		5550	39.35	35.822	
		5670	42.40	35.930	
		5710	49.01	36.022	
802.11ac-VHT80	NII-I	5210	78.88	75.081	Reference only
	NII-2A	5290	95.23	75.284	
	NII-2C	5530	79.03	75.083	
		5610	110.1	75.647	
		5690	151.7	77.024	

Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	NII-I	5180	20.80	18.857	Reference only
		5200	21.27	18.856	
		5240	21.23	18.860	
	NII-2A	5260	21.13	18.890	
		5300	20.91	18.899	
		5320	20.66	18.886	
	NII-2C	5500	21.13	18.854	
		5580	21.51	18.850	
		5700	21.75	18.916	
		5720	21.02	18.864	
802.11ax-HE40	NII-I	5190	39.19	37.495	Reference only
		5230	62.34	37.966	
	NII-2A	5270	39.07	37.467	
		5310	39.06	37.465	
	NII-2C	5510	39.11	37.510	
		5550	39.15	37.503	
		5670	39.36	37.500	
		5710	58.09	37.811	
802.11ax-HE80	NII-I	5210	79.76	76.802	Reference only
	NII-2A	5290	97.00	77.200	
	NII-2C	5530	79.86	76.759	
		5610	79.85	76.768	
		5690	100.50	77.257	

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

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

Mode	UNII Band	Centre Frequency (MHz)	RU Configuration	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	NII-I	5180	26/0	20.26	18.540	Reference only
			52/37	20.19	18.147	
			106/53	21.20	18.249	
	NII-2A	5320	26/8	20.48	18.623	
			52/40	20.23	18.232	
			106/54	21.63	18.257	
	NII-2C	5500	26/0	20.15	18.251	
			52/37	19.38	17.256	
			106/53	23.38	18.364	
		5700	26/8	20.70	18.509	
			52/40	20.22	18.135	
			106/54	21.13	18.154	
802.11ax-HE40	NII-I	5190	242/61	38.93	19.258	Reference only
	NII-2A	5310	242/62	37.80	19.008	
	NII-2C	5510	242/61	39.11	19.082	
		5670	242/62	37.90	19.054	
802.11ax-HE80	NII-I	5210	484/65	79.27	38.427	Reference only
	NII-2A	5290	484/66	79.35	38.300	
	NII-2C	5530	484/65	79.53	38.159	
		5610	484/66	79.57	38.502	

- For 6dB Bandwidth

Chipset: MT7668AUN

Mode	UNII Band	Centre Frequency (MHz)	6dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	NII-III	5745	16.05	17.059	≥ 500kHz
		5785	14.14	16.497	
		5825	16.35	16.559	
802.11n-HT20	NII-III	5745	16.45	17.687	
		5785	15.43	17.718	
		5825	13.16	17.753	
802.11n-HT40	NII-III	5755	35.20	37.413	
		5795	34.99	36.510	
802.11ac-VHT80	NII-III	5775	75.17	75.830	

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

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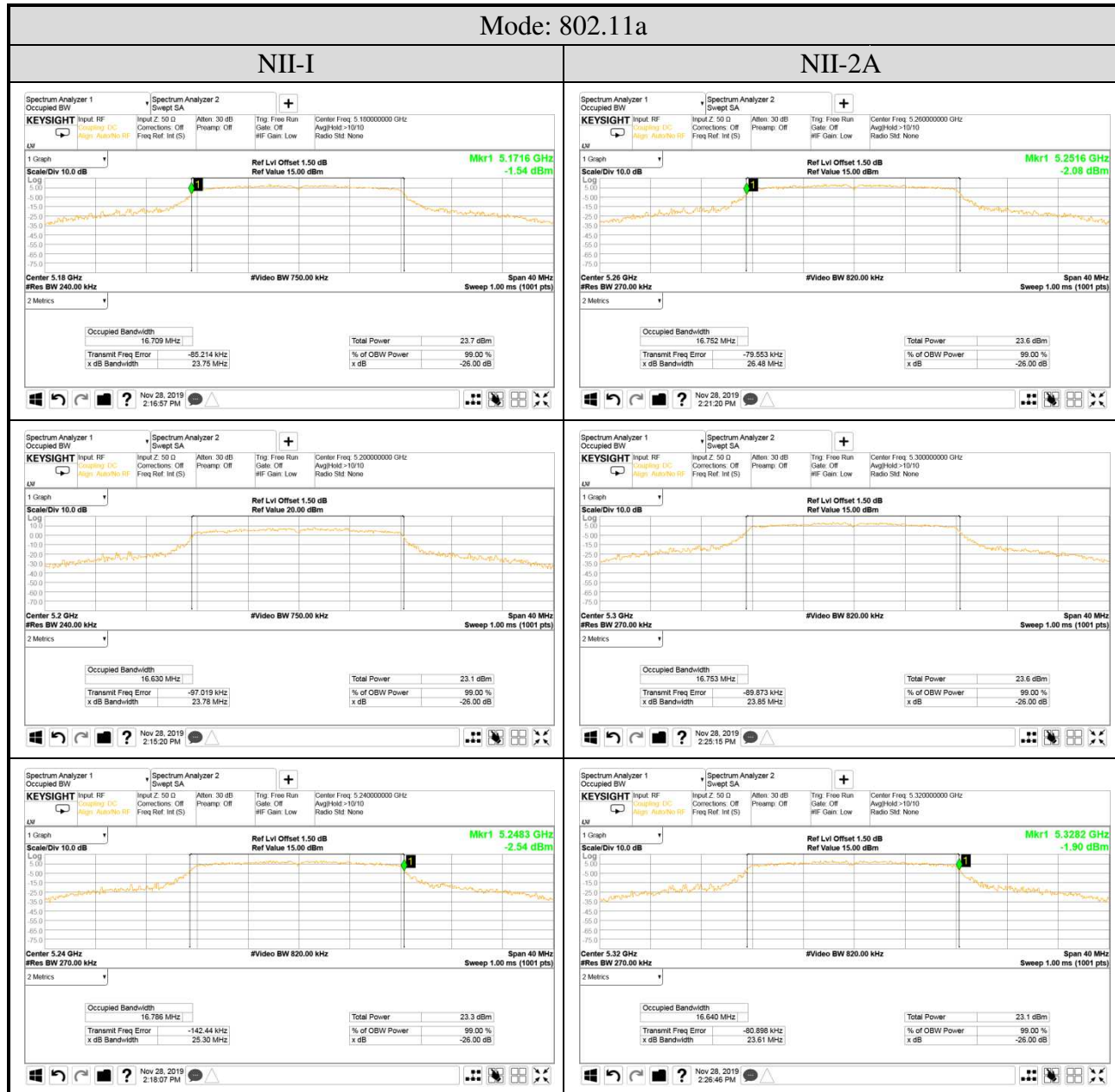
Chipset: MT7915DUN

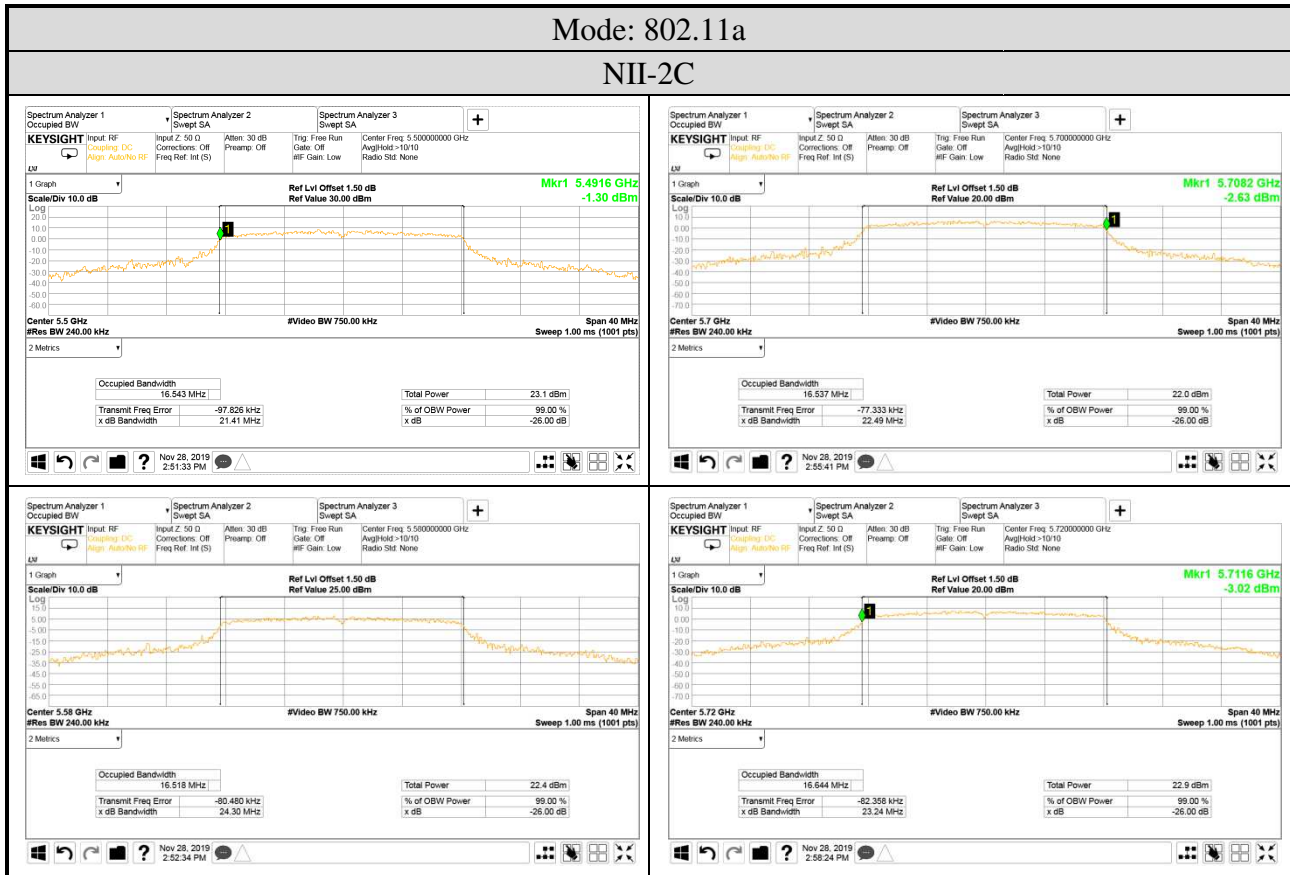
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802.11a	NII-III	5745	15.09	16.331	≥ 500kHz
		5785	16.06	16.294	
		5825	14.42	16.305	
802.11n-HT20	NII-III	5745	14.43	17.524	
		5785	17.56	17.521	
		5825	17.30	17.512	
802.11n-HT40	NII-III	5755	33.80	35.781	
		5795	26.23	35.801	
802.11ac-VHT80	NII-III	5775	75.05	75.162	
802.11ax-HE20	NII-III	5745	13.85	18.793	
		5785	16.66	18.768	
		5825	17.57	18.773	
802.11ax-HE40	NII-III	5755	35.05	37.412	
		5795	33.31	37.457	
802.11ax-HE80	NII-III	5775	76.29	77.223	

Mode	UNII Band	Centre Frequency (MHz)	RU Configuration	6dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	NII-III	5745	26/0	2.128	18.156	≥ 500kHz
			52/37	17.09	18.194	
			106/53	17.17	18.138	
	NII-III	5825	26/8	2.105	18.424	
			52/40	17.07	18.312	
			106/54	16.75	18.214	
802.11ax-HE40	NII-III	5755	242/61	18.83	28.497	
	NII-III	5795	242/62	18.81	57.083	
802.11ax-HE80	NII-III	5775	484/65	37.67	37.726	
			484/66	37.76	37.711	

A.3.2 Measurement Plots

- For 26dB Bandwidth
Chipset: MT7668AUN



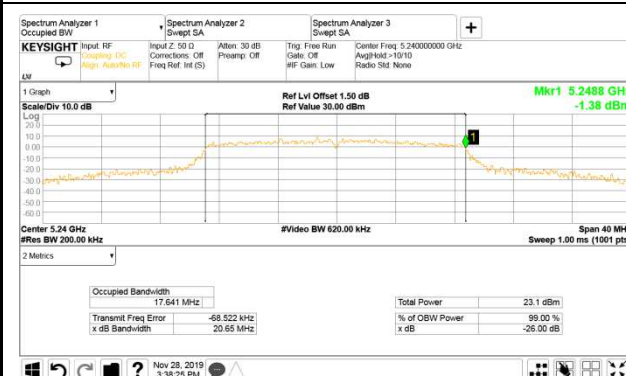
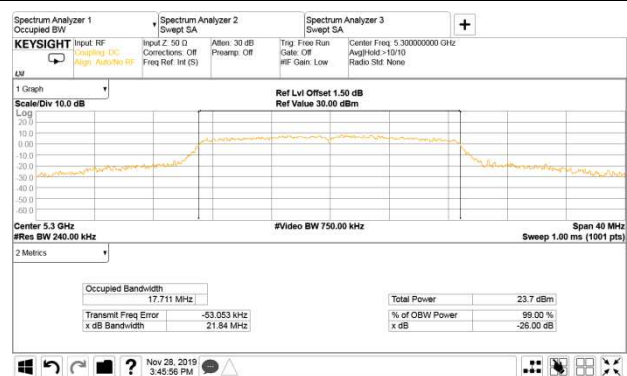


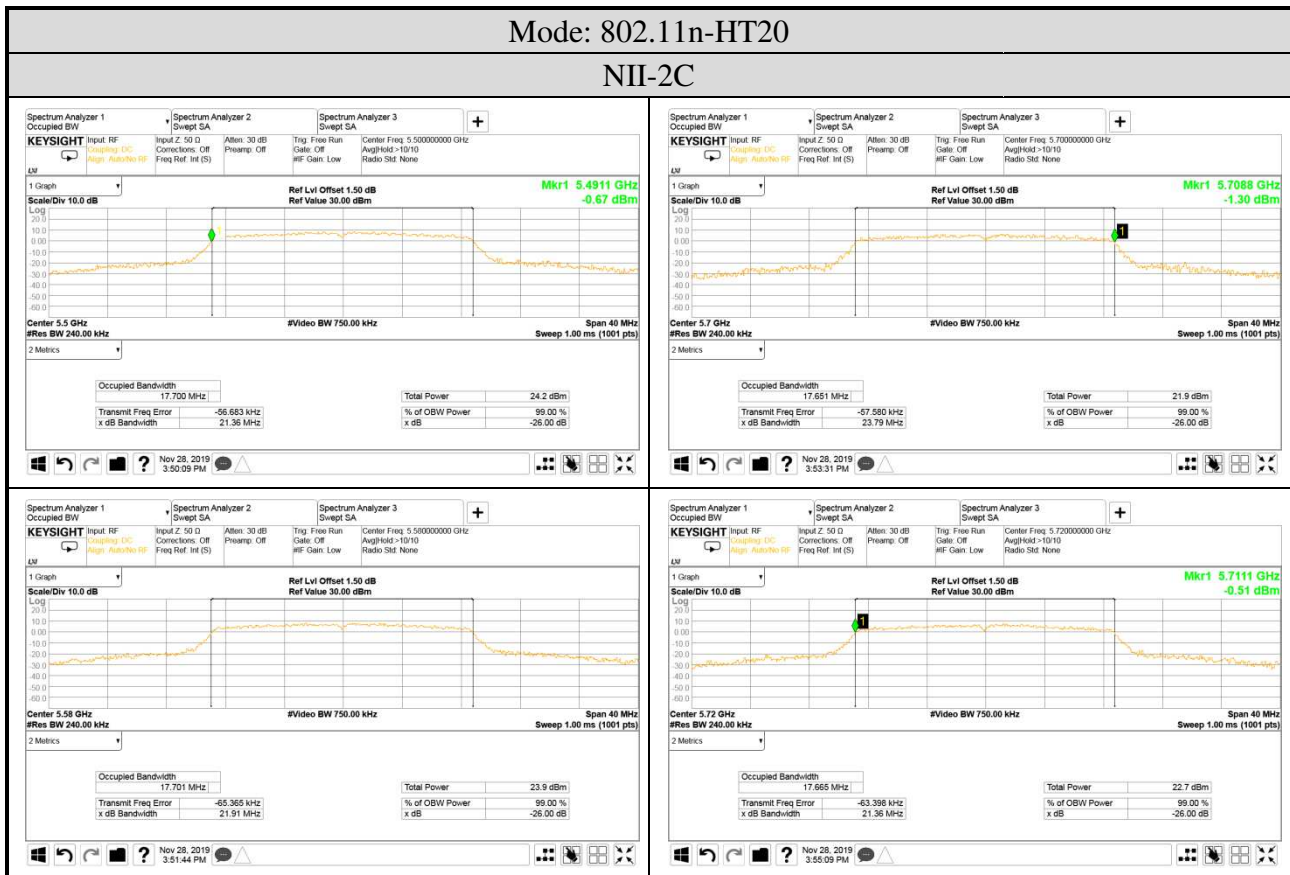
Mode: 802.11n-HT20

NII-1



NII-2A





Mode: 802.11n-HT40

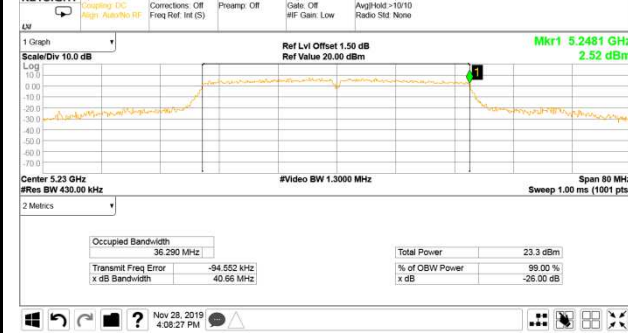
NII-1



NII-2A



NII-2B

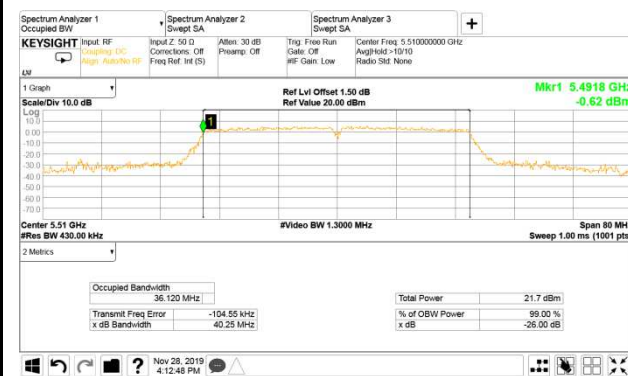


NII-2C



Mode: 802.11n-HT40

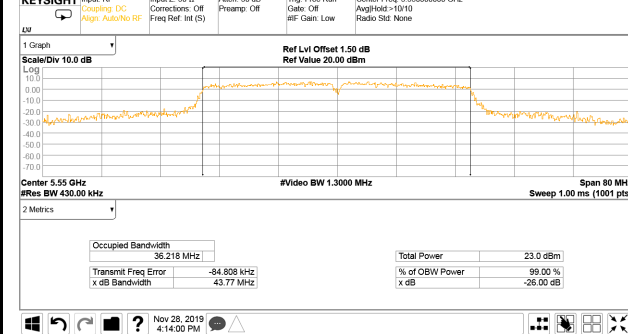
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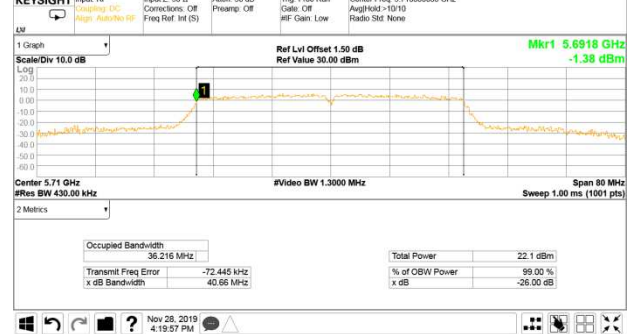
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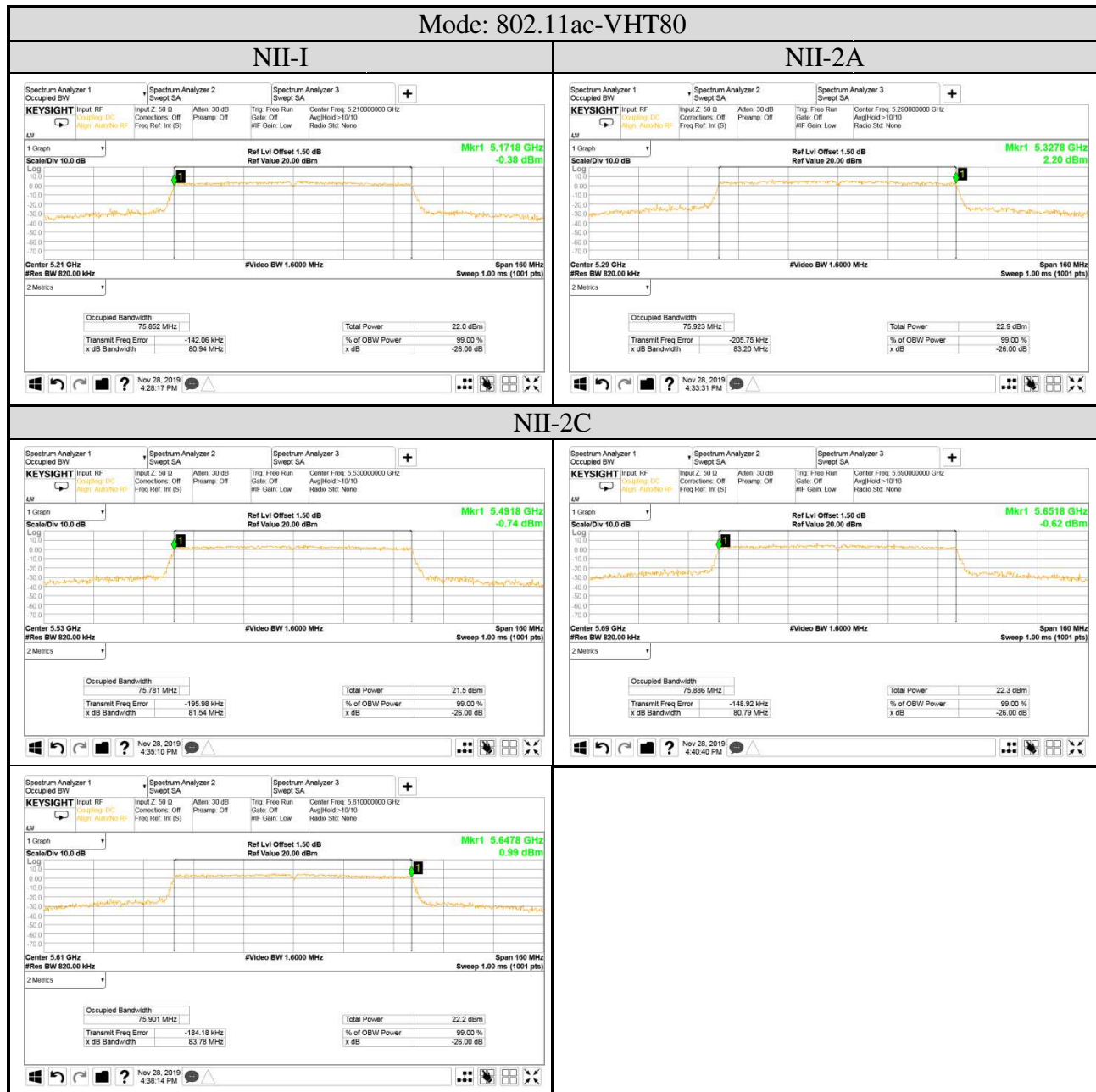


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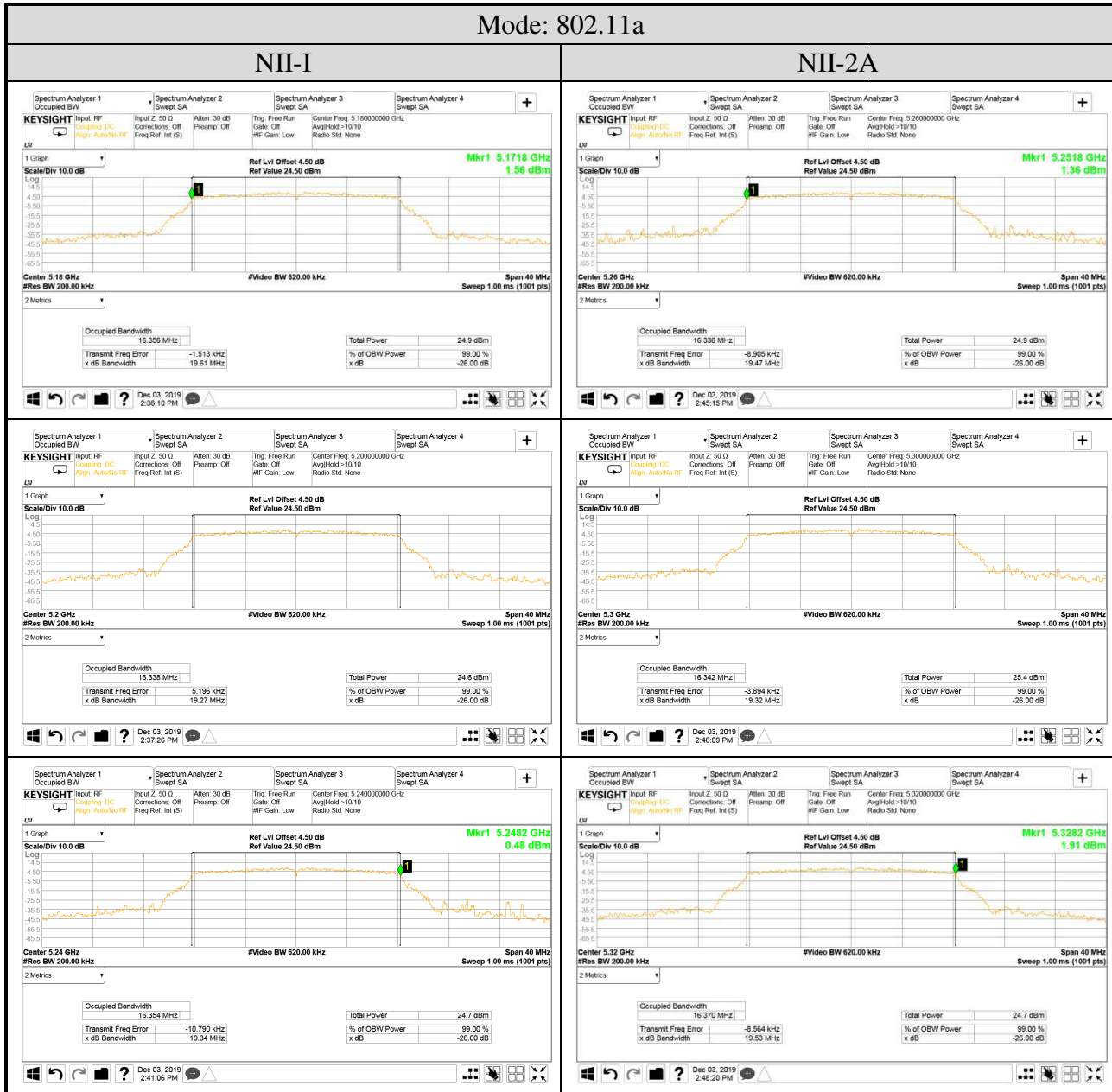
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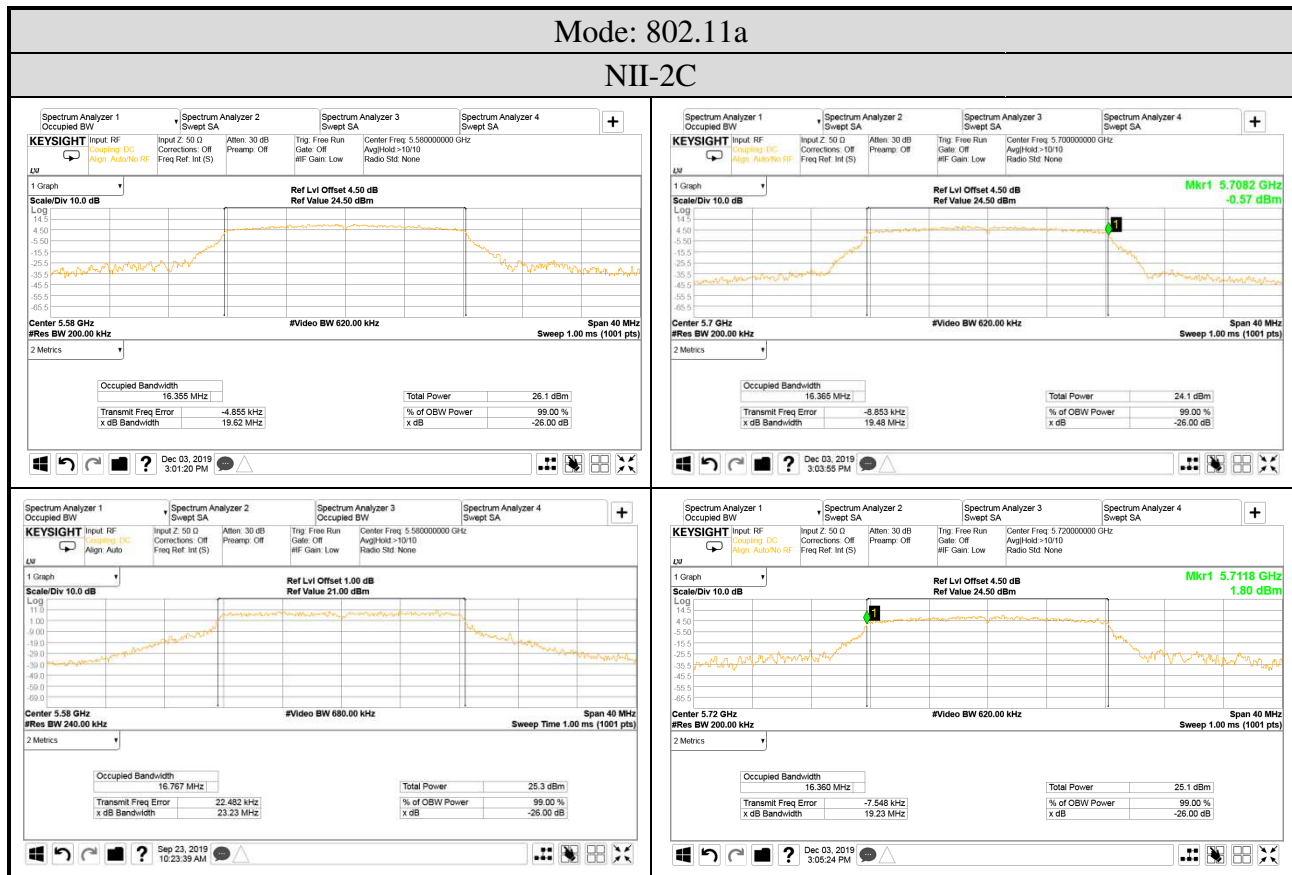




Chipset: MT7915DUN

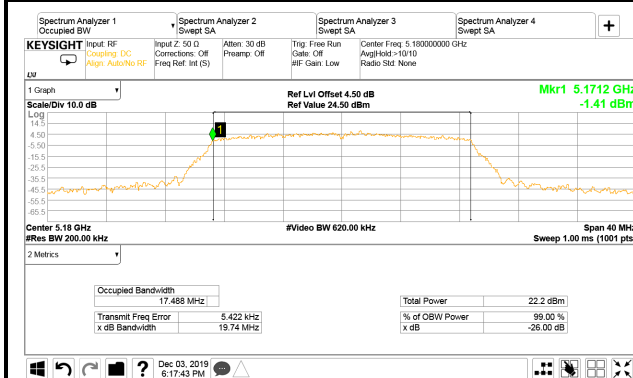
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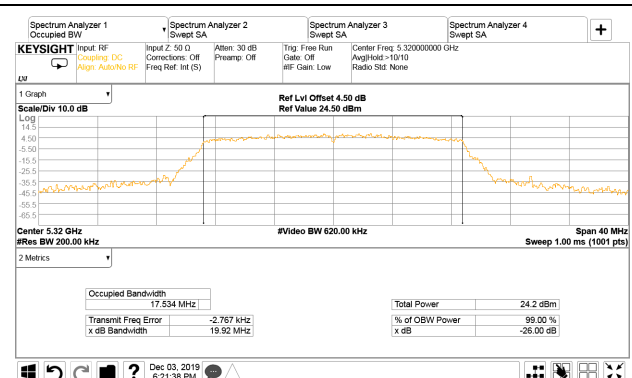
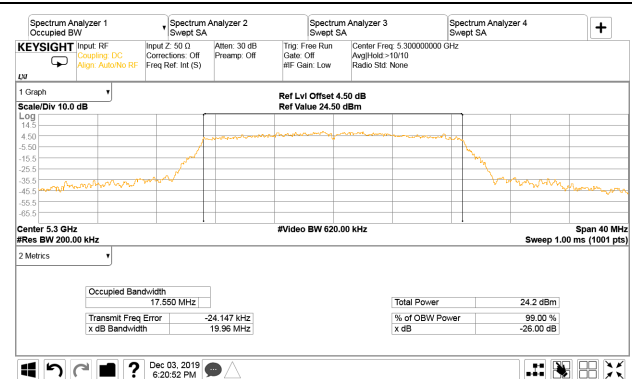
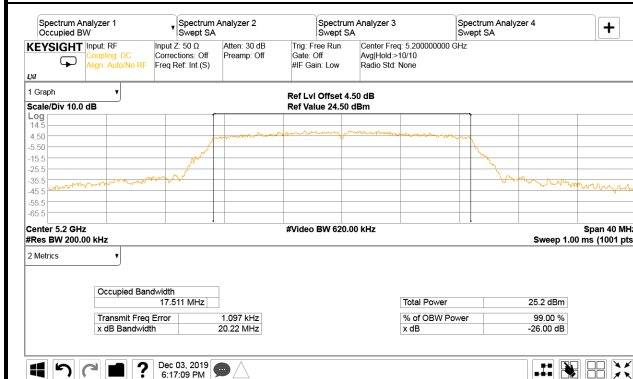


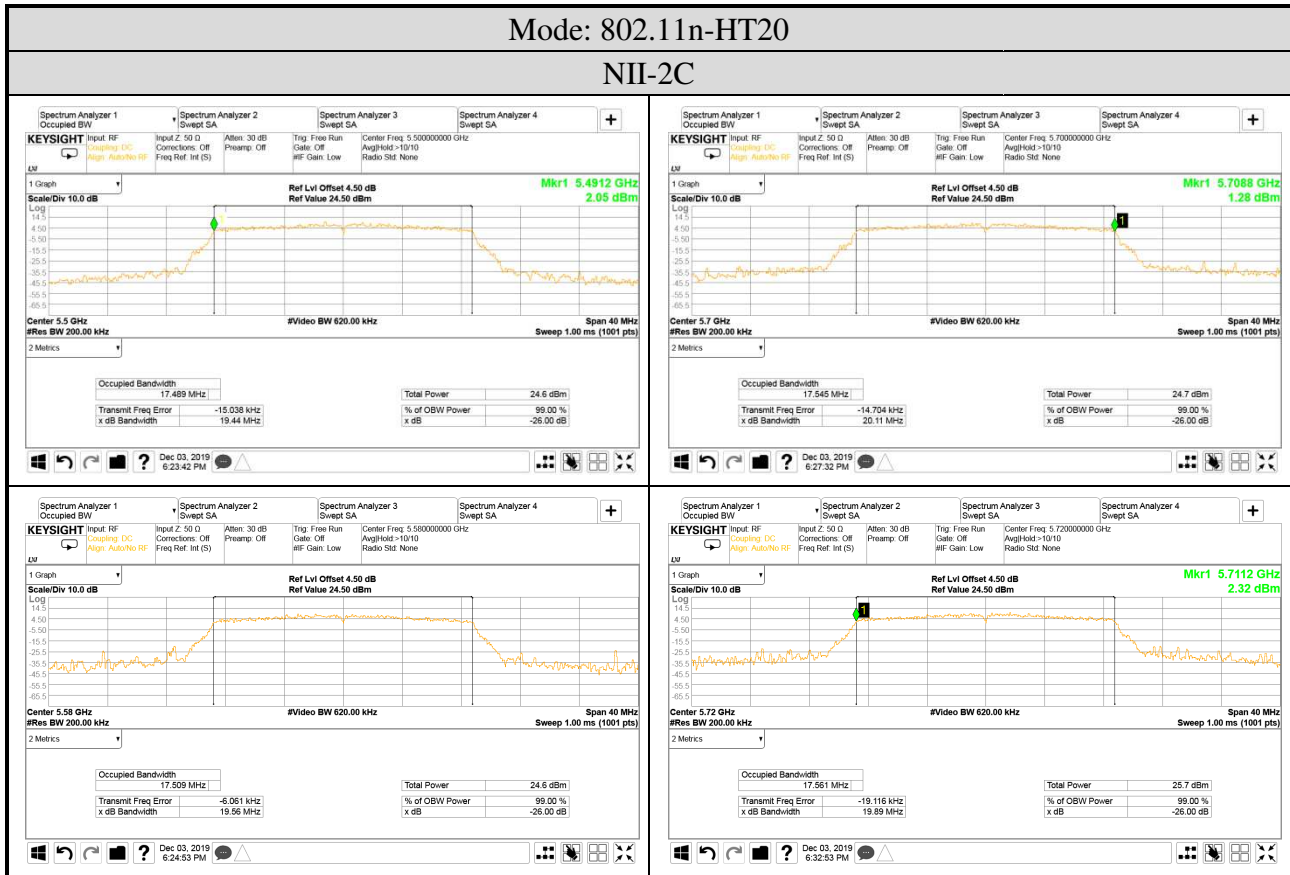
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NII-1



NII-2A





Mode: 802.11n-HT40

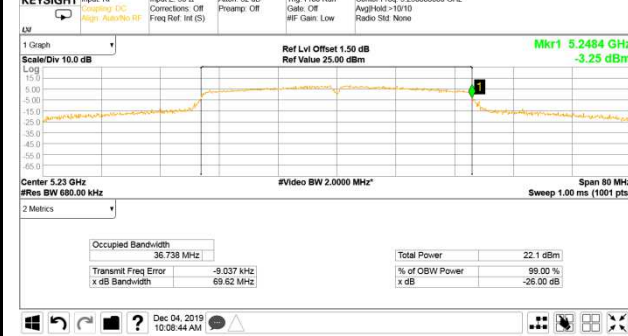
NII-1



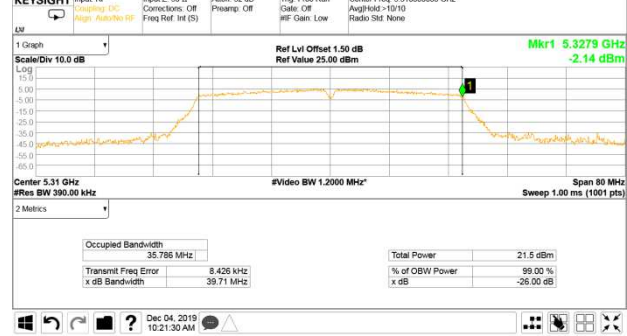
NII-2A



NII-2B

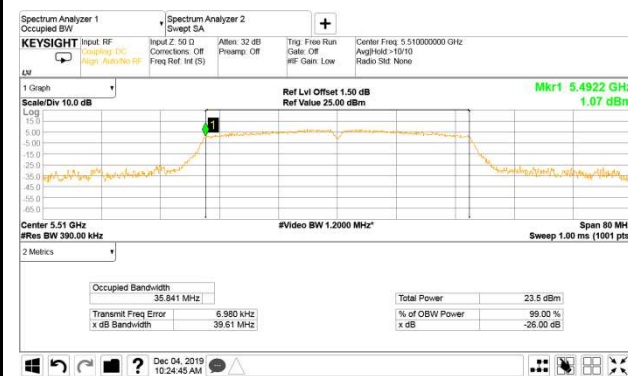


NII-2C

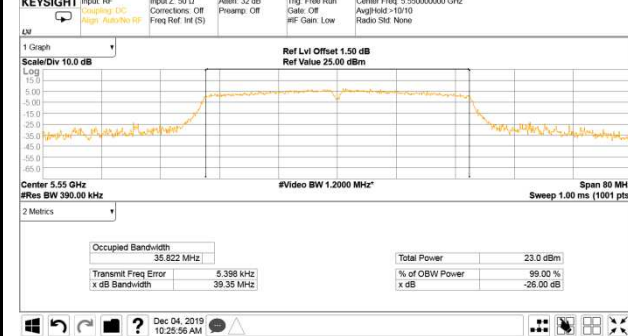


Mode: 802.11n-HT40

NII-2C



NII-2D



NII-2E

