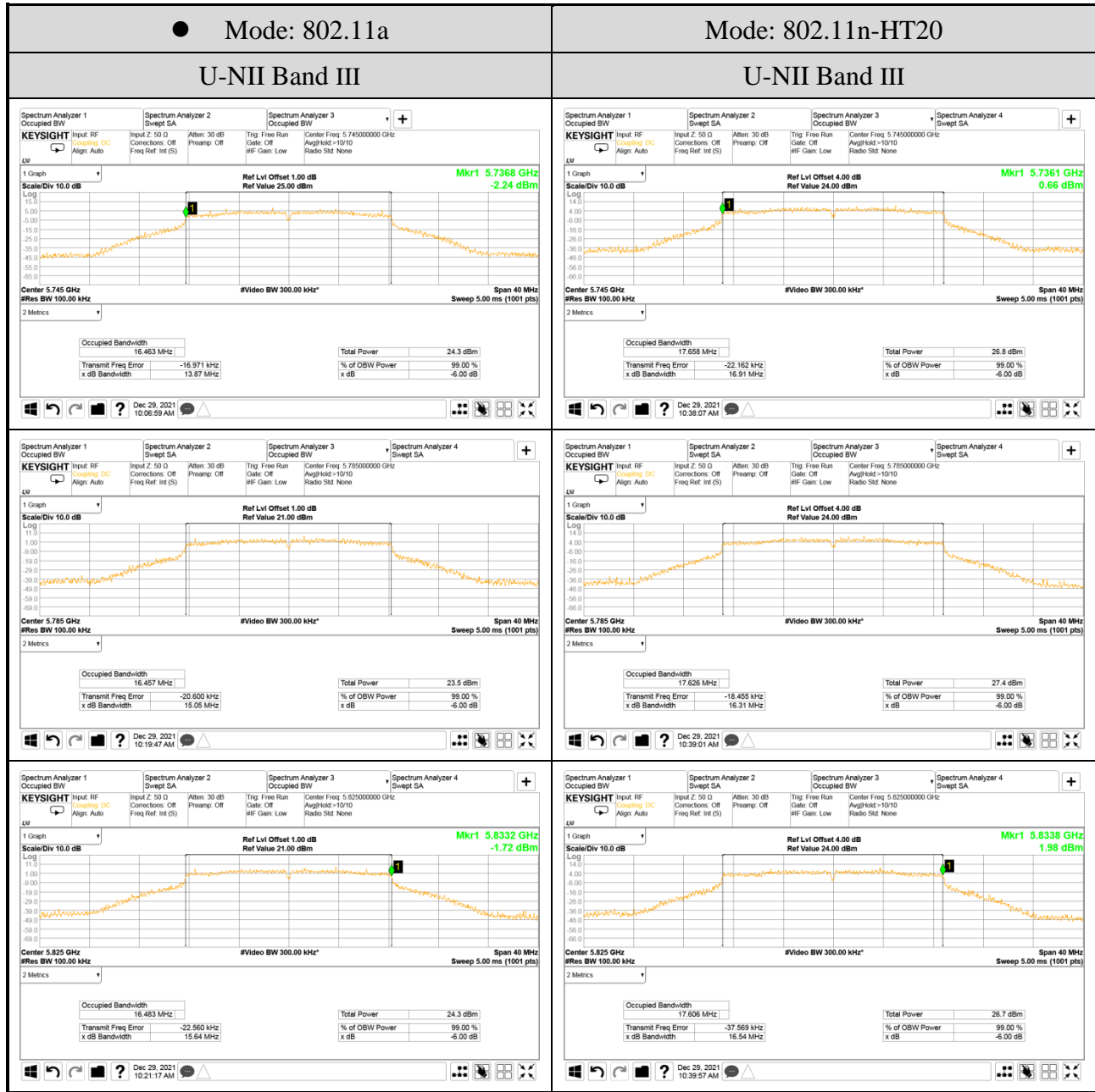
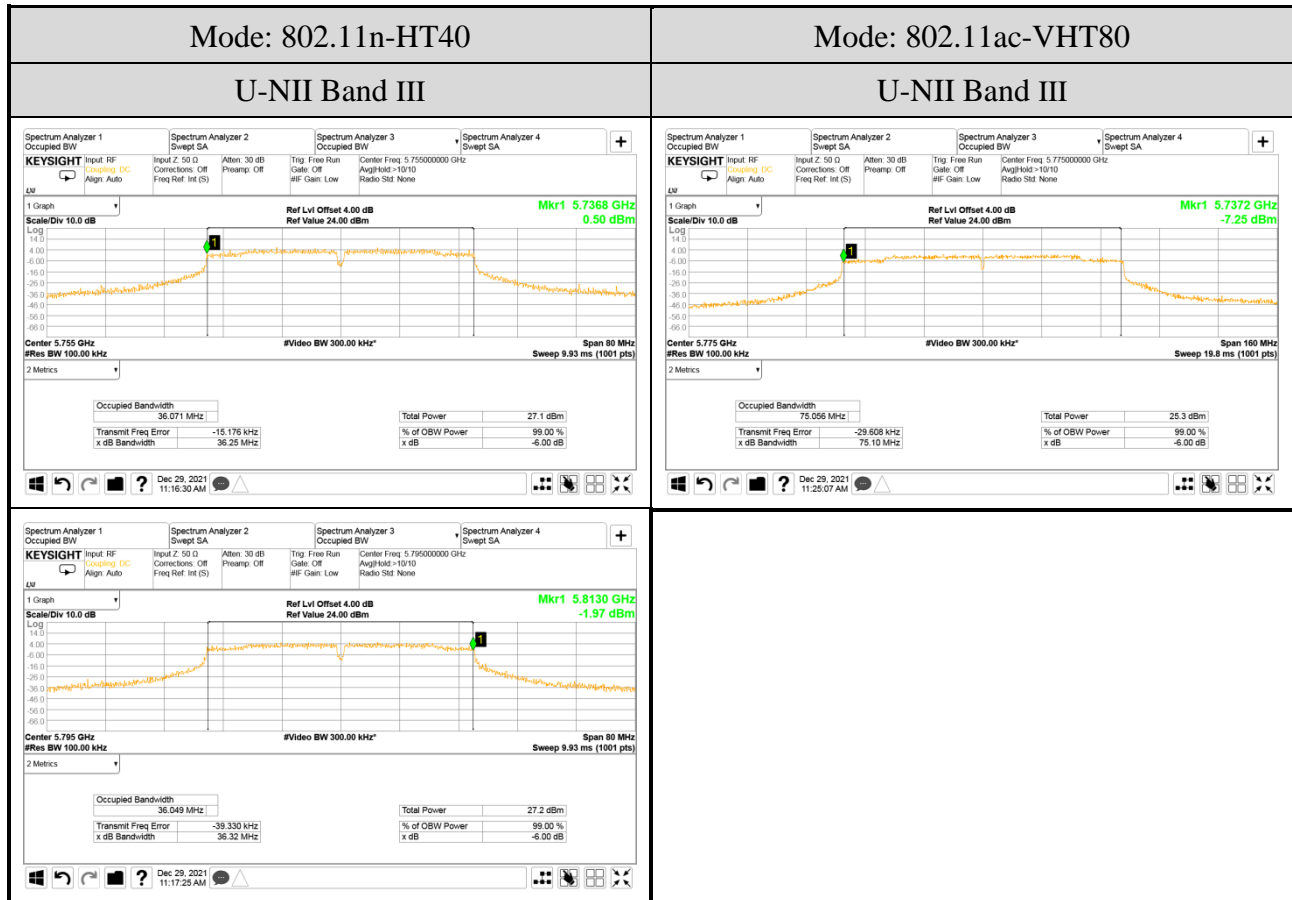
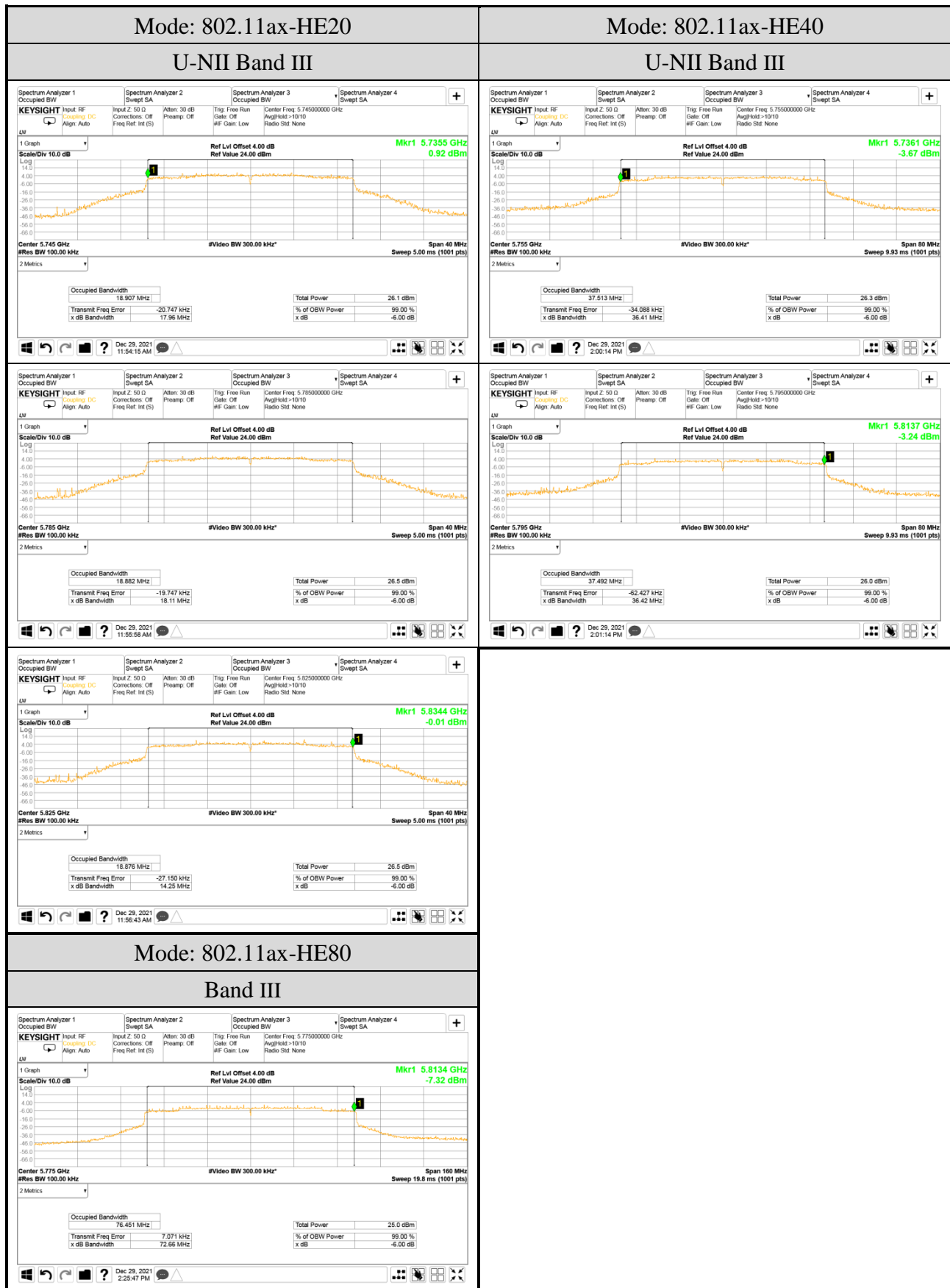
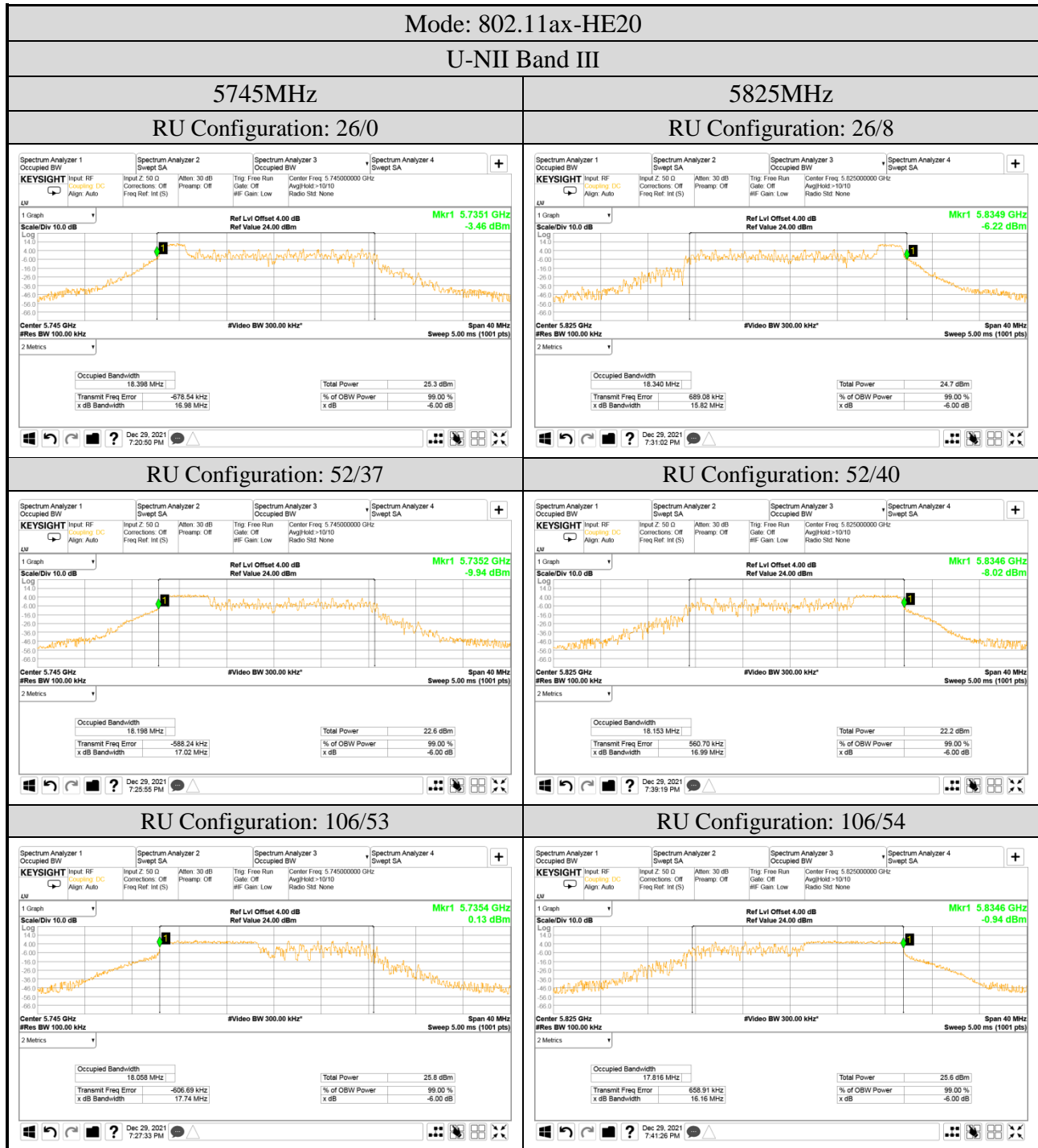


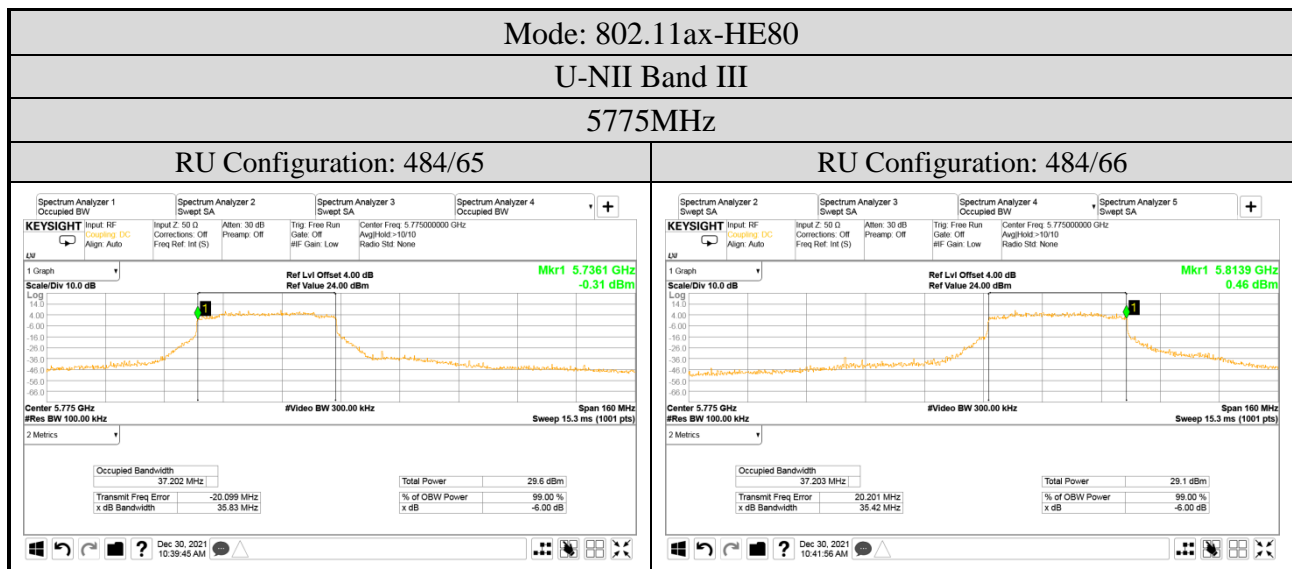
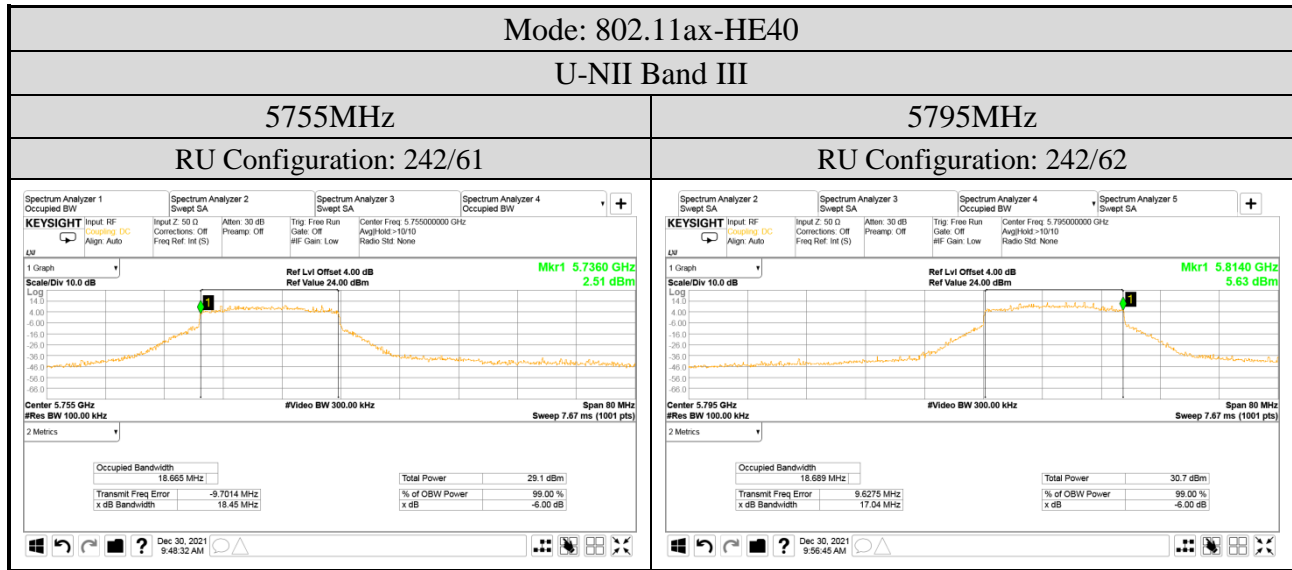
● For Emission (6dB) Bandwidth



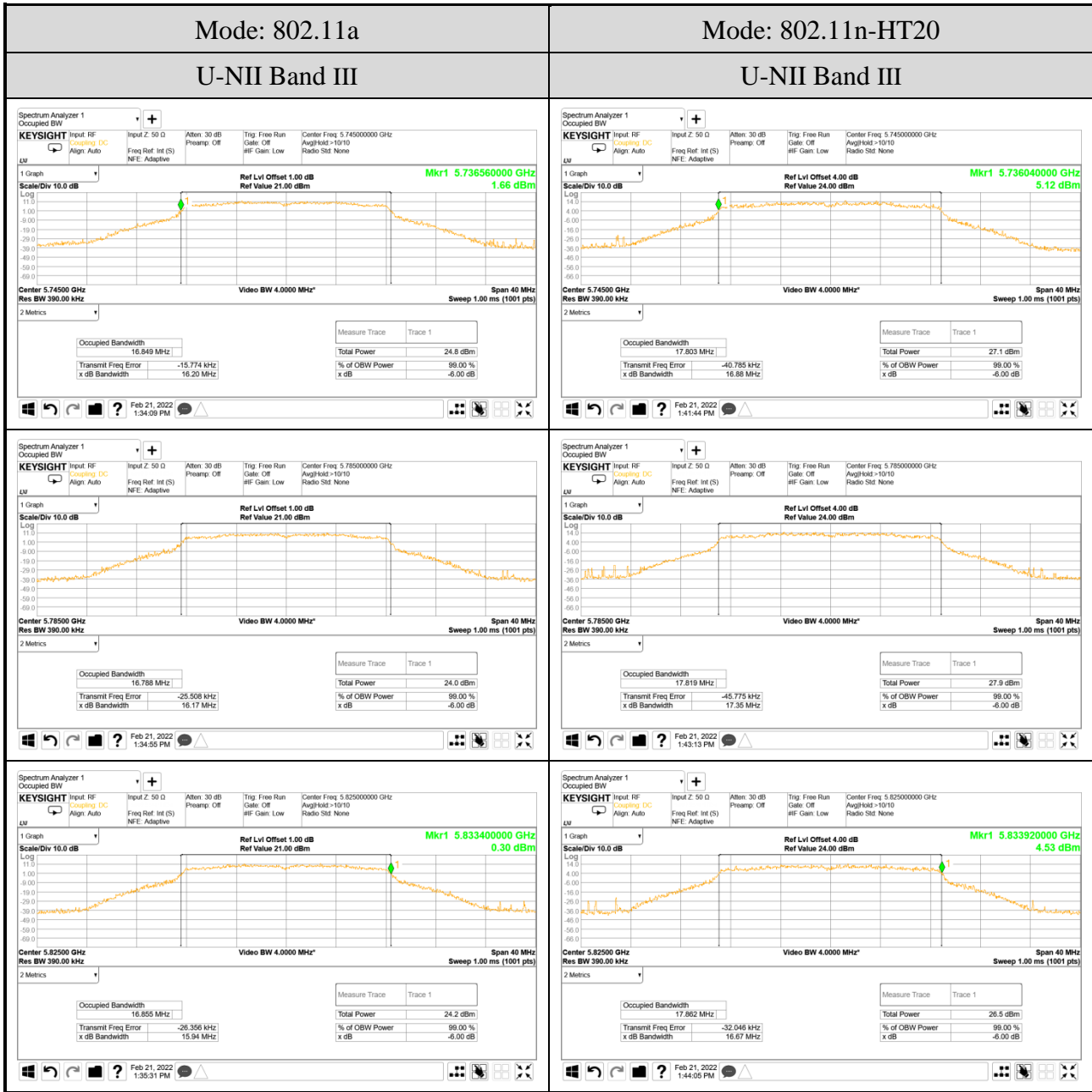


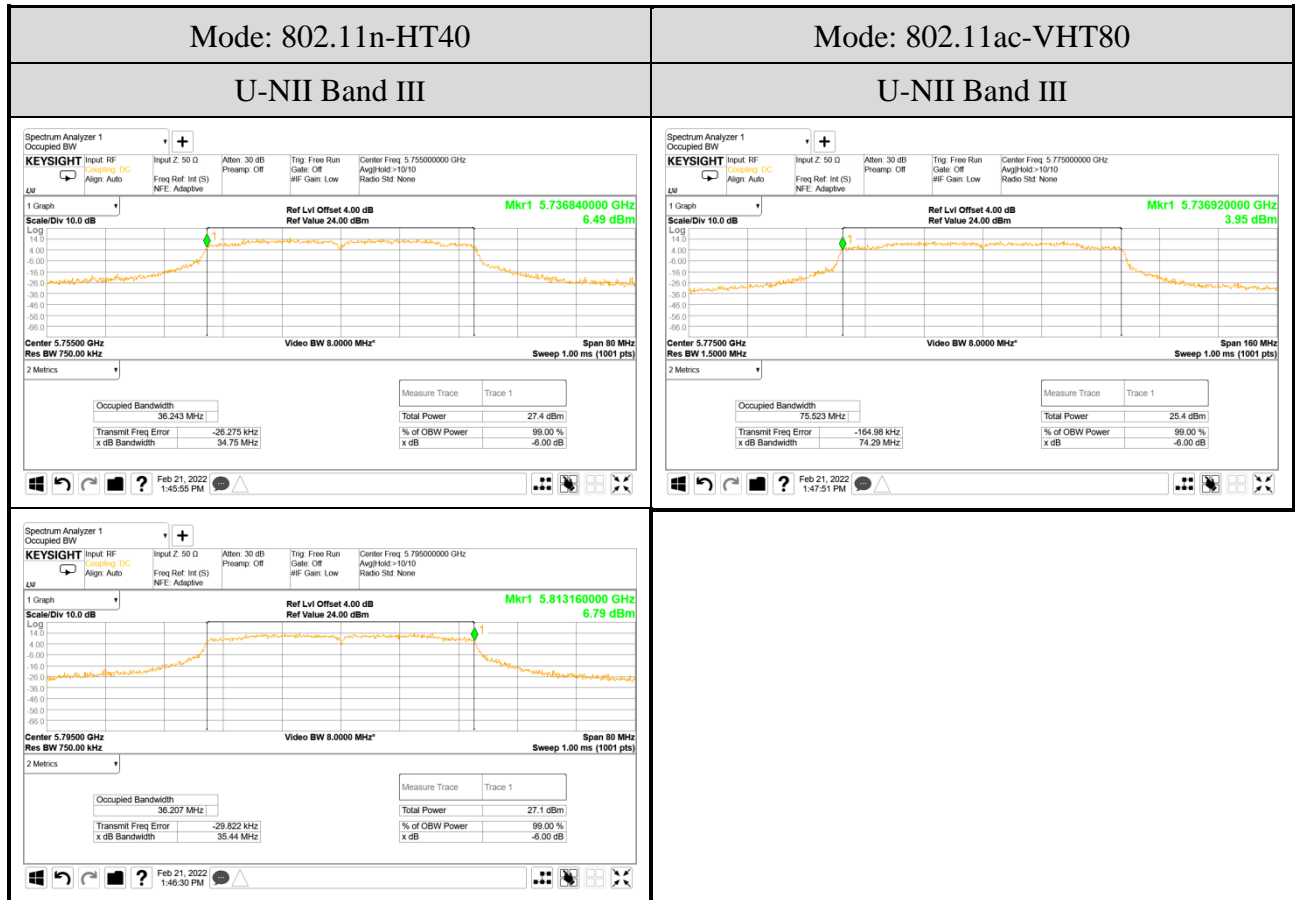


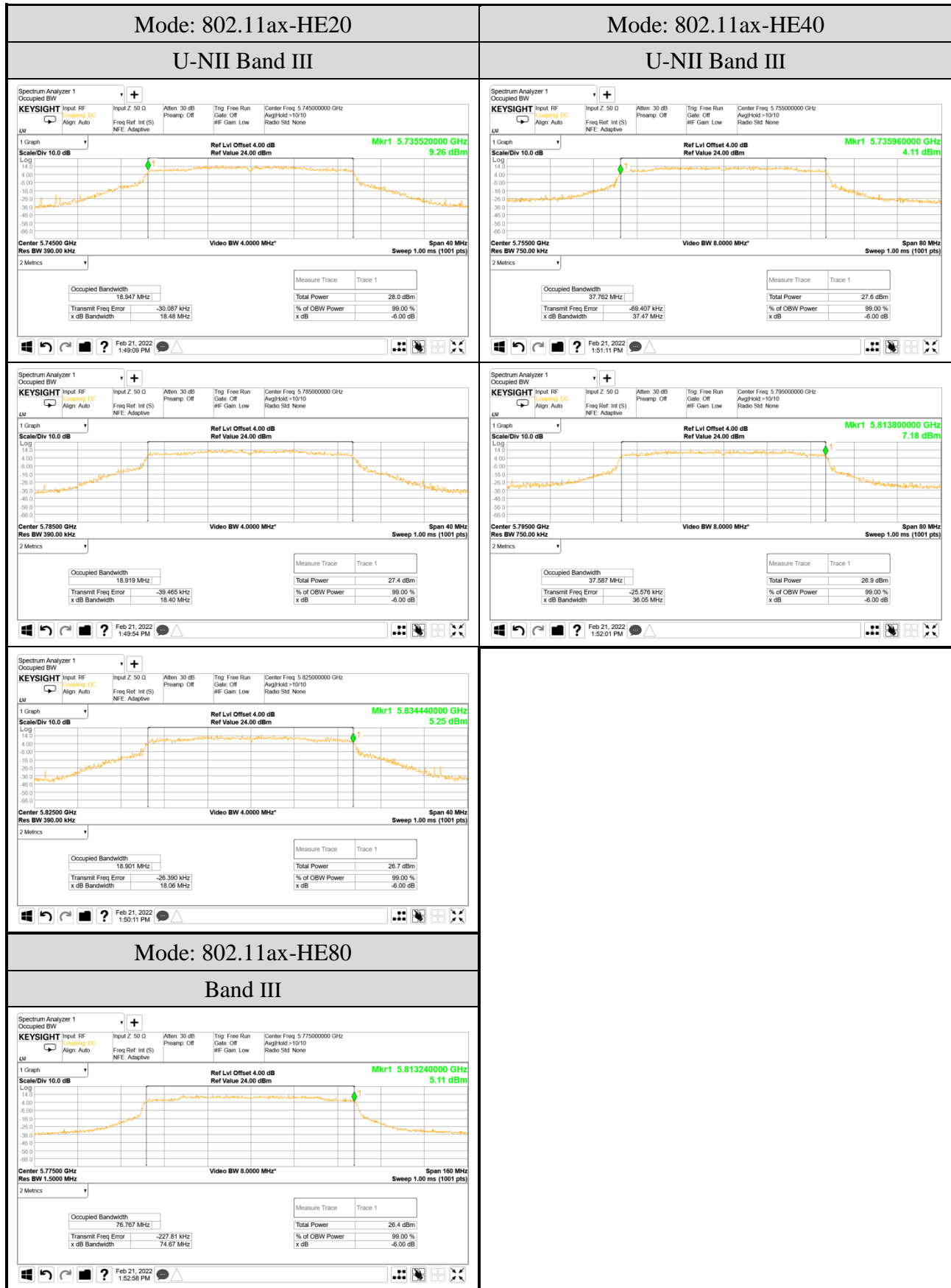




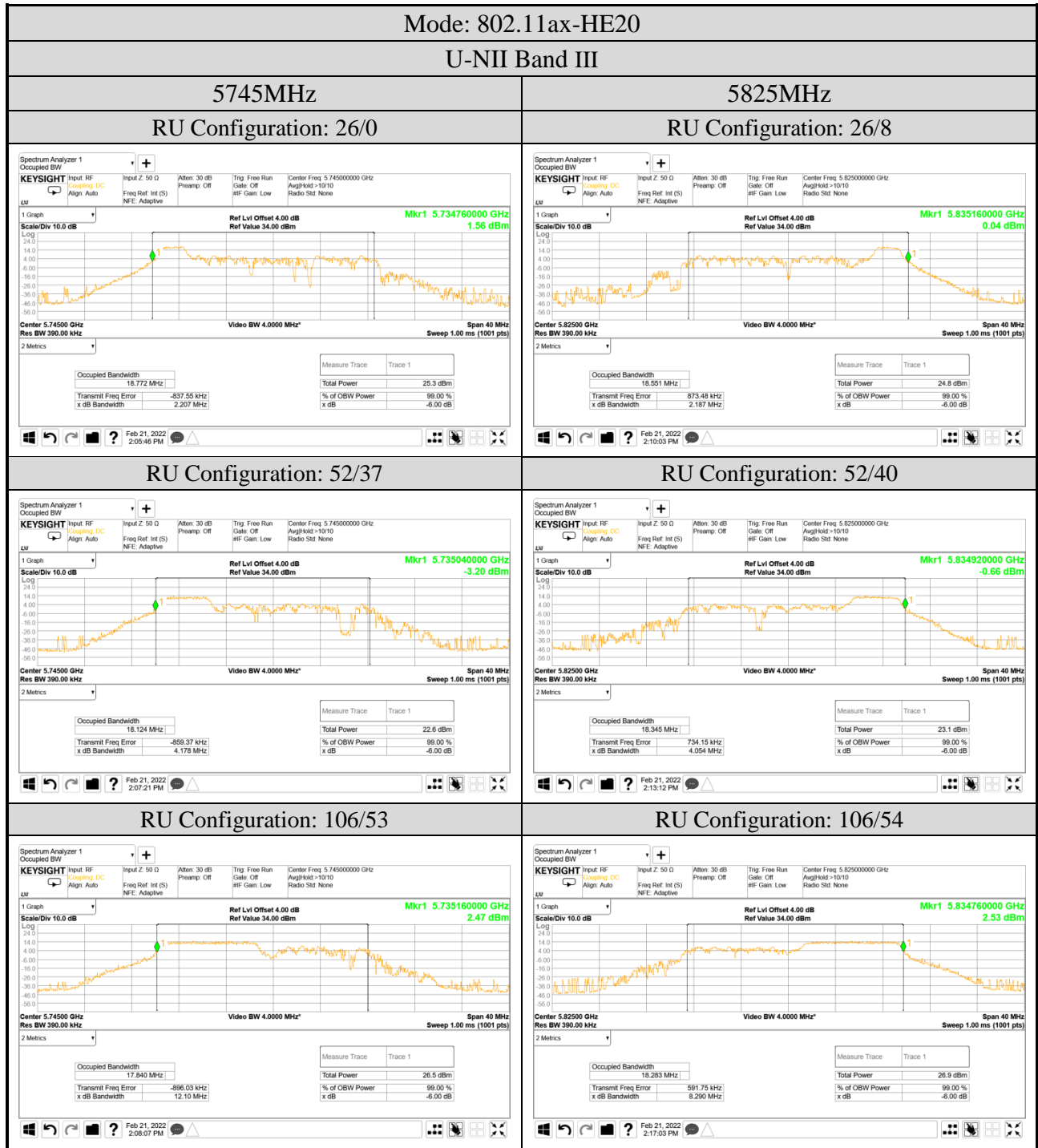
● For Occupied (99%) Bandwidth

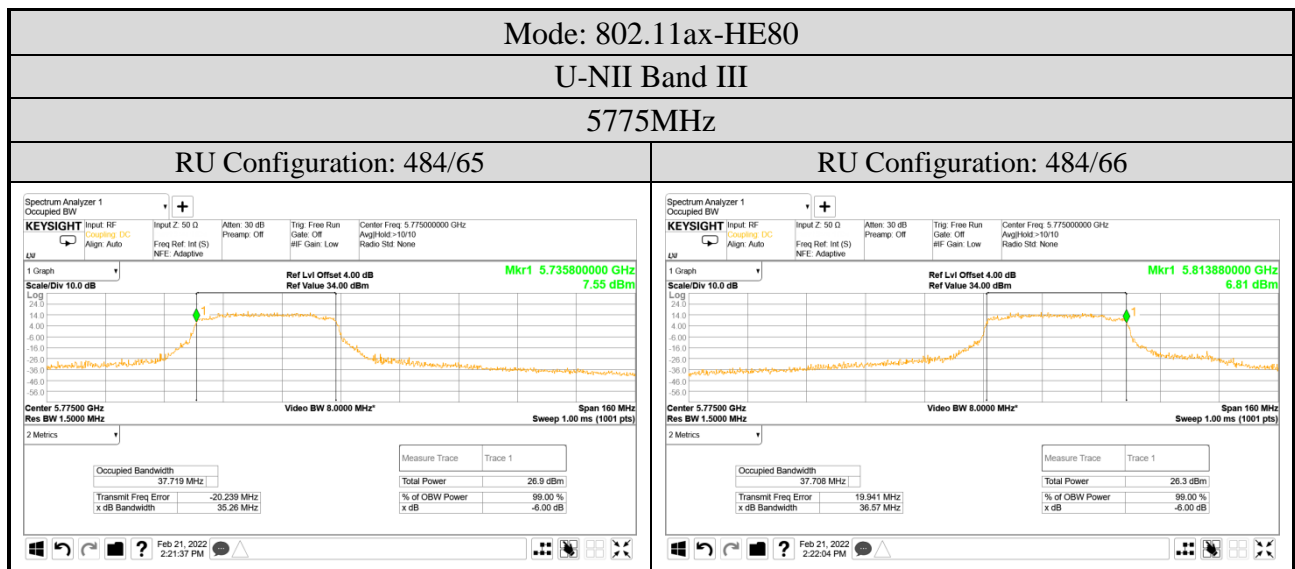
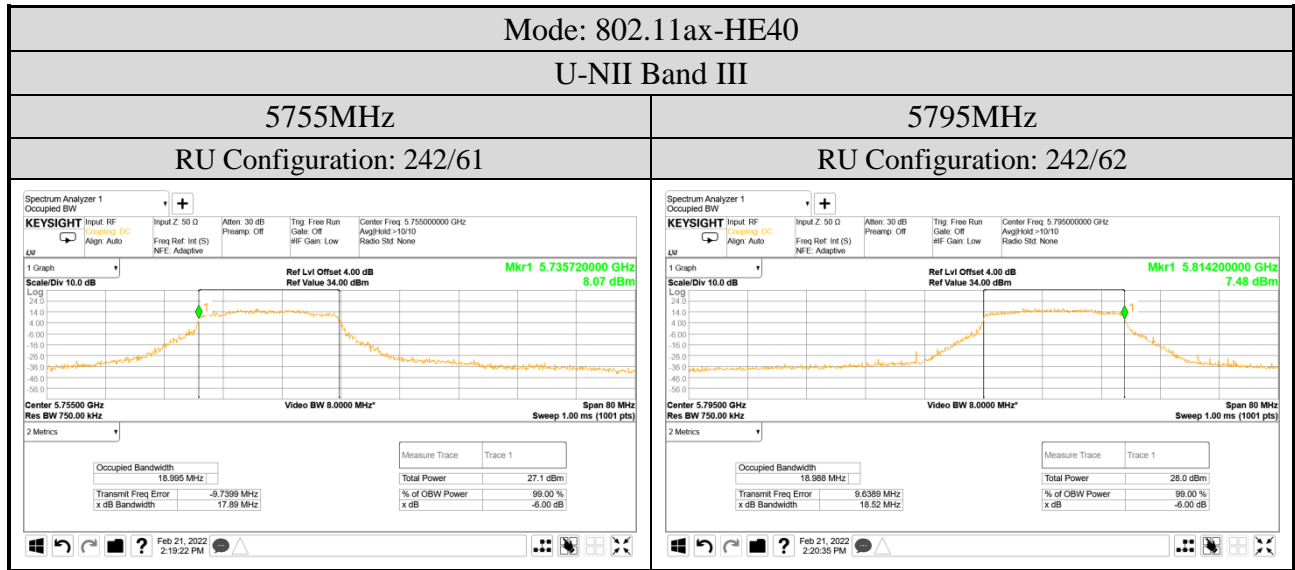












## A.4 MAXIMUM OUTPUT POWER

Test Date	2021/12/27 ~ 2022/01/05 2022/01/20	Temp./Hum.	14 ~ 22°C / 61 ~ 70% 20°C / 60%
Cable Loss	1.0dB	Tested By	Kuper Hsu/Sean Wang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

### A.4.1 Average Output Power

● SPOT CHECK Power

Mode	U-NII 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	16.72	17.16	N/A	17.16	0.052	< 250 mW (24 dBm)
		5200	16.75	17.05		17.05	0.051	
		5240	16.94	17.17		<b>17.17</b>	<b>0.052</b>	
	2A	5260	16.83	17.14		17.14	0.052	
		5300	16.73	17.23		<b>17.23</b>	<b>0.053</b>	
		5320	16.88	17.01		17.01	0.050	
	2C	5500	16.81	17.03		17.03	0.050	
		5580	16.99	17.04		17.04	0.051	
		5700	16.89	17.18		<b>17.18</b>	<b>0.052</b>	
		5720	17.03	17.1		17.10	0.051	
	III	5745	16.92	17.19		<b>17.19</b>	<b>0.052</b>	< 1 W (30 dBm)
		5785	16.89	14.36		16.89	0.049	
5825		16.96	17.12	17.12	0.052			

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

2. This device embedded with same radio transmitter with FCC ID: BEJNT-16Z90Q. We did spot check for output power and all output power values keep identical thus we reuse all results.

Mode	U-NII 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	16.33	16.84	N/A	<b>19.60</b>	<b>0.091</b>	< 250 mW (24 dBm)
		5200	16.28	16.61		19.46	0.088	
		5240	16.48	16.55		19.53	0.090	
	2A	5260	16.31	16.62		<b>19.48</b>	<b>0.089</b>	
		5300	16.23	16.41		19.33	0.086	
		5320	16.31	16.45		19.39	0.087	
	2C	5500	16.35	16.65		19.51	0.089	
		5580	16.51	16.60		<b>19.57</b>	<b>0.091</b>	
		5700	12.56	12.78		15.68	0.037	
		5720	16.42	16.66		19.55	0.090	
	III	5745	16.29	16.62		19.47	0.089	
		5785	16.26	16.72		19.51	0.089	
5825		16.32	16.69	<b>19.52</b>	<b>0.090</b>	< 1 W (30 dBm)		
802.11n-HT40	I	5190	15.01	15.22	N/A	18.13	0.065	< 250 mW (24 dBm)
		5230	16.73	16.78		<b>19.77</b>	<b>0.095</b>	
	2A	5270	16.65	16.76		<b>19.72</b>	<b>0.094</b>	
		5310	14.90	15.17		18.05	0.064	
	2C	5510	15.76	15.05		18.43	0.070	
		5550	16.72	16.81		19.78	0.095	
		5670	17.03	16.88		19.97	0.099	
		5710	16.86	17.09		<b>19.99</b>	<b>0.100</b>	
	III	5755	16.77	17.17		<b>19.98</b>	<b>0.100</b>	
		5795	16.79	17.15		19.98	0.100	< 1 W (30 dBm)
802.11ac-VHT80	I	5210	13.34	13.63	N/A	<b>16.50</b>	<b>0.045</b>	< 250 mW (24 dBm)
	2A	5290	13.92	14.17		<b>17.06</b>	<b>0.051</b>	
		5530	13.88	13.91		16.91	0.049	
	2C	5610	15.51	15.89		18.71	0.074	
		5690	15.68	16.03		<b>18.87</b>	<b>0.077</b>	
	III	5775	16.31	16.64		<b>19.49</b>	<b>0.089</b>	< 1 W (30 dBm)
802.11ac-VHT160	I/ 2A	5250	10.28	10.55	N/A	<b>13.43</b>	<b>0.022</b>	< 250 mW (24 dBm)
	2C	5570	12.82	13.11		<b>15.98</b>	<b>0.040</b>	

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

2. This device embedded with same radio transmitter with FCC ID: BEJNT-16Z90Q. We did spot check for output power and all output power values keep identical thus we reuse all results.

Mode	U-NII 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	16.31	16.73	N/A	19.54	0.090	< 250 mW (24 dBm)
		5200	16.69	16.93		<b>19.82</b>	<b>0.096</b>	
		5240	16.71	16.79		19.76	0.095	
	2A	5260	16.69	16.86		<b>19.79</b>	<b>0.095</b>	
		5300	16.58	16.74		19.67	0.093	
		5320	16.56	16.74		19.66	0.092	
	2C	5500	16.33	16.36		19.36	0.086	
		5580	16.78	16.80		19.80	0.095	
		5700	16.84	15.87		<b>19.39</b>	<b>0.087</b>	
		5720	16.61	16.75		19.69	0.093	
	III	5745	16.52	16.81		19.68	0.093	
		5785	16.57	16.86		19.73	0.094	
5825		16.63	16.92	19.79	<b>0.095</b>			
802.11ax-HE40	I	5190	14.92	15.05	N/A	18.00	0.063	< 250 mW (24 dBm)
		5230	16.65	16.48		<b>19.58</b>	<b>0.091</b>	
	2A	5270	16.64	16.53		<b>19.60</b>	<b>0.091</b>	
		5310	14.89	15.00		17.96	0.063	
		5510	14.68	14.86		17.78	0.060	
	2C	5550	16.63	16.69		19.67	0.093	
		5670	16.90	16.67		19.80	0.095	
		5710	16.74	16.87		<b>19.82</b>	<b>0.096</b>	
	III	5755	16.62	16.85		19.75	0.094	
5795		16.65	16.89	<b>19.78</b>	<b>0.095</b>			
802.11ax-HE80	I	5210	12.82	13.26	N/A	<b>16.06</b>	<b>0.040</b>	< 250 mW (24 dBm)
	2A	5290	13.57	13.80		<b>16.70</b>	<b>0.047</b>	
		5530	13.95	14.30		17.14	0.052	
	2C	5610	15.51	15.53		18.53	0.071	
		5690	15.64	15.75		<b>18.71</b>	<b>0.074</b>	
	III	5775	15.52	15.89		<b>18.72</b>	<b>0.074</b>	
802.11ax-HE160	I/ 2A	5250	10.17	10.44	N/A	<b>13.32</b>	<b>0.021</b>	< 250 mW (24 dBm)
	2C	5570	12.66	13.29		<b>16.00</b>	<b>0.040</b>	

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

2. This device embedded with same radio transmitter with FCC ID: BEJNT-16Z90Q. We did spot check for output power and all output power values keep identical thus we reuse all results.

Mode	U-NII 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	9.92	9.74	N/A	12.84	0.019	< 250 mW (24 dBm)
			52/37	12.51	12.83		15.68	0.037	
			106/53	15.29	15.90		<b>18.62</b>	<b>0.073</b>	
	2A	5320	26/8	9.76	9.65		12.72	0.019	
			52/40	13.32	12.95		16.15	0.041	
			106/54	15.16	15.63		18.41	0.069	
	2C	5500	26/0	9.85	9.77		12.82	0.019	
			52/37	13.32	12.98		16.16	0.041	
			106/53	15.57	15.15		18.38	0.069	
		5700	26/8	9.89	9.75		12.83	0.019	
			52/40	13.43	12.96		16.21	0.042	
			106/54	15.61	16.05		<b>18.85</b>	<b>0.077</b>	
	III	5745	26/0	15.03	15.75		18.42	0.070	
			52/37	12.31	12.77		15.56	0.036	
			106/53	16.87	14.07		18.70	0.074	
		5825	26/8	16.00	15.86		18.94	0.078	
			52/40	13.25	12.89		16.08	0.041	
			106/54	17.12	17.27		<b>20.21</b>	0.105	
802.11ax-HE40	I	5190	242/61	17.00	17.08	N/A	<b>20.05</b>	<b>0.101</b>	< 250 mW (24 dBm)
	2A	5310	242/62	15.45	16.07		<b>18.78</b>	<b>0.076</b>	
	2C	5510	242/61	16.47	16.35		19.42	0.087	
		5670	242/62	16.44	16.52		<b>19.49</b>	<b>0.089</b>	
	III	5755	242/61	16.32	16.52		19.43	0.088	
		5795	242/62	16.47	16.50		<b>19.50</b>	<b>0.089</b>	< 1 W (30 dBm)

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

2. This device embedded with same radio transmitter with FCC ID: BEJNT-16Z90Q. We did spot check for output power and all output power values keep identical thus we reuse all results.

Mode	U-NII 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-HE80	I	5210	484/65	14.82	15.05	N/A	<b>17.95</b>	<b>0.062</b>	< 250 mW (24 dBm)
	2A	5290	484/66	11.95	11.82		<b>14.90</b>	<b>0.031</b>	
	2C	5530	484/65	14.42	14.18		17.31	0.054	
		5610	484/66	16.52	16.52		<b>19.53</b>	<b>0.090</b>	
	III	5775	484/65	16.35	16.59		19.48	0.089	< 1 W (30 dBm)
			484/66	16.61	16.88		<b>19.76</b>	<b>0.095</b>	
802.11ax-HE160	I/ 2A	5250	996/67	13.28	13.20	N/A	<b>16.25</b>	<b>0.042</b>	< 250 mW (24 dBm)
			996/S67	11.35	12.11		14.76	0.030	
	2C	5570	996/67	12.81	13.15		15.99	0.040	
			996/S67	15.47	15.44		<b>18.47</b>	<b>0.070</b>	

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

2. This device embedded with same radio transmitter with FCC ID: BEJNT-16Z90Q. We did spot check for output power and all output power values keep identical thus we reuse all results.

● **FCC ID: BEJNT-16Z90Q & IC: 2703H-16Z90Q Output Power**

Mode	U-NII 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	17.01	17.18	N/A	<b>17.18</b>	<b>0.052</b>	< 250 mW (24 dBm)
		5200	16.89	17.12		17.12	0.052	
		5240	16.97	17.18		17.18	0.052	
	2A	5260	16.97	17.17		17.17	0.052	
		5300	16.99	17.24		<b>17.24</b>	<b>0.053</b>	
		5320	16.87	17.05		17.05	0.051	
	2C	5500	17.04	17.06		17.06	0.051	
		5580	16.89	17.05		17.05	0.051	
		5700	17.02	17.02		17.02	0.050	
		5720	16.95	17.12		<b>17.12</b>	<b>0.052</b>	
	III	5745	16.85	17.23		<b>17.23</b>	<b>0.053</b>	< 1 W (30 dBm)
		5785	16.86	14.14		16.86	0.049	
		5825	16.88	17.16		17.16	0.052	

Note: The results have been included cable loss.



Mode	U-NII 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	16.82	16.85	N/A	19.85	0.097	< 250 mW (24 dBm)
		5200	16.67	16.77		19.73	0.094	
		5240	16.80	16.67		<b>19.75</b>	<b>0.094</b>	
	2A	5260	16.66	16.64		19.66	0.092	
		5300	16.83	16.72		<b>19.79</b>	<b>0.095</b>	
		5320	16.62	16.75		19.70	0.093	
	2C	5500	16.86	16.85		19.87	0.097	
		5580	16.72	16.80		19.77	0.095	
		5700	12.66	12.38		15.53	0.036	
		5720	16.81	16.93		<b>19.88</b>	<b>0.097</b>	
	III	5745	16.64	16.91		19.79	0.095	
		5785	16.66	16.92		19.80	0.095	
5825		16.76	16.83	<b>19.81</b>	<b>0.096</b>			
802.11n-HT40	I	5190	15.45	15.52	N/A	18.50	0.071	< 250 mW (24 dBm)
		5230	17.28	17.14		<b>20.22</b>	<b>0.105</b>	
	2A	5270	17.16	17.23		<b>20.21</b>	<b>0.105</b>	
		5310	15.21	15.30		18.27	0.067	
	2C	5510	15.30	15.24		18.28	0.067	
		5550	17.27	17.13		20.21	0.105	
		5670	17.43	17.19		<b>20.32</b>	<b>0.108</b>	
		5710	17.26	17.17		20.23	0.105	
	III	5755	17.11	17.44		<b>20.29</b>	<b>0.107</b>	
		5795	17.16	17.36		20.27	0.106	
802.11ac-VHT80	I	5210	13.71	13.79	N/A	<b>16.76</b>	<b>0.047</b>	< 250 mW (24 dBm)
	2A	5290	14.07	14.07		<b>17.08</b>	<b>0.051</b>	
		5530	13.63	13.68		16.67	0.046	
	2C	5610	16.07	16.11		<b>19.10</b>	<b>0.081</b>	
		5690	15.90	15.96		18.94	0.078	
	III	5775	16.54	16.76		<b>19.66</b>	<b>0.092</b>	
802.11ac-VHT160	I/ 2A	5250	10.48	10.39	N/A	<b>13.45</b>	<b>0.022</b>	< 250 mW (24 dBm)
	2C	5570	12.98	13.06		<b>16.03</b>	<b>0.040</b>	

Note: The results have been included cable loss.

Mode	U-NII 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	16.87	17.04	N/A	<b>19.97</b>	<b>0.099</b>	< 250 mW (24 dBm)
		5200	16.83	16.87		19.86	0.097	
		5240	16.89	16.72		19.82	0.096	
	2A	5260	16.82	16.79		19.82	0.096	
		5300	16.89	16.92		<b>19.92</b>	<b>0.098</b>	
		5320	16.82	16.72		19.78	0.095	
	2C	5500	16.91	16.86		19.90	0.098	
		5580	16.81	16.79		19.81	0.096	
		5700	15.35	15.24		18.31	0.068	
		5720	16.87	16.98		<b>19.94</b>	<b>0.099</b>	
	III	5745	16.76	17.06		19.92	0.098	
		5785	16.84	17.00		<b>19.93</b>	<b>0.098</b>	
5825		16.87	16.96	19.93	0.098			
802.11ax-HE40	I	5190	15.19	15.32	N/A	18.27	0.067	< 250 mW (24 dBm)
		5230	16.95	16.79		<b>19.88</b>	<b>0.097</b>	
	2A	5270	16.95	16.91		<b>19.94</b>	<b>0.099</b>	
		5310	15.06	15.01		18.05	0.064	
		5510	14.86	14.91		17.90	0.062	
	2C	5550	16.93	16.91		19.93	0.098	
		5670	17.11	16.98		<b>20.06</b>	<b>0.101</b>	
		5710	17.06	16.91		20.00	0.100	
	III	5755	16.87	17.14		20.02	0.100	
		5795	16.97	17.09		<b>20.04</b>	<b>0.101</b>	
802.11ax-HE80	I	5210	13.20	13.25	N/A	<b>16.24</b>	<b>0.042</b>	< 250 mW (24 dBm)
	2A	5290	13.99	13.98		<b>17.00</b>	<b>0.050</b>	
		5530	14.11	14.19		17.16	0.052	
	2C	5610	15.97	15.96		18.98	0.079	
		5690	16.09	16.11		<b>19.11</b>	<b>0.081</b>	
	III	5775	15.92	16.19		<b>19.07</b>	<b>0.081</b>	
	802.11ax-HE160	I/ 2A	5250	10.37		10.31	N/A	
2C		5570	13.02	13.17	<b>16.11</b>	<b>0.041</b>		

Note: The results have been included cable loss.

Mode	U-NII 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	9.58	9.59	N/A	12.60	0.018	< 250 mW (24 dBm)
			52/37	12.80	13.03		15.93	0.039	
			106/53	15.63	15.78		<b>18.72</b>	<b>0.074</b>	
	2A	5320	26/8	9.97	9.56		12.78	0.019	
			52/40	13.15	12.98		16.08	0.041	
			106/54	15.29	15.35		<b>18.33</b>	<b>0.068</b>	
	2C	5500	26/0	9.56	9.42		12.50	0.018	
			52/37	12.82	12.80		15.82	0.038	
			106/53	14.87	14.90		17.90	0.062	
		5700	26/8	9.87	9.54		12.72	0.019	
			52/40	13.12	12.92		16.03	0.040	
			106/54	15.84	15.86		<b>18.86</b>	<b>0.077</b>	
	III	5745	26/0	15.26	15.51		18.40	0.069	
			52/37	12.87	12.95		15.92	0.039	
			106/53	17.18	14.48		19.05	0.080	
		5825	26/8	15.45	15.56		18.52	0.071	
52/40			13.13	13.10	16.13	0.041			
106/54			16.95	17.00	<b>19.99</b>	<b>0.100</b>			
802.11ax-HE40	I	5190	242/61	16.62	16.85	N/A	<b>19.75</b>	<b>0.094</b>	< 250 mW (24 dBm)
	2A	5310	242/62	15.75	15.92		<b>18.85</b>	<b>0.077</b>	
	2C	5510	242/61	16.79	16.85		19.83	0.096	
		5670	242/62	16.96	16.97		<b>19.98</b>	<b>0.100</b>	
	III	5755	242/61	16.67	17.04		19.87	0.097	
		5795	242/62	16.80	16.94		<b>19.88</b>	<b>0.097</b>	

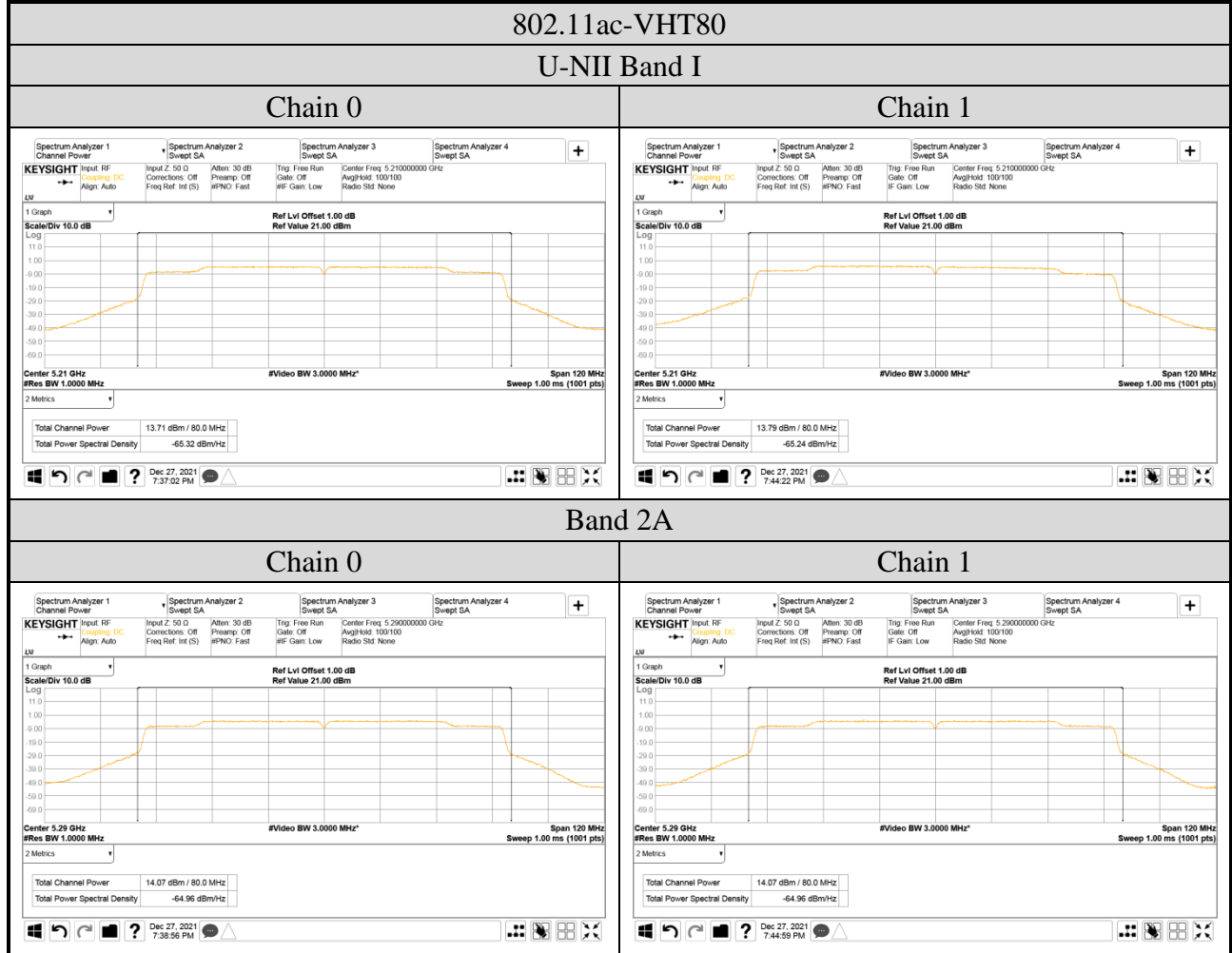
Note: The results have been included cable loss.

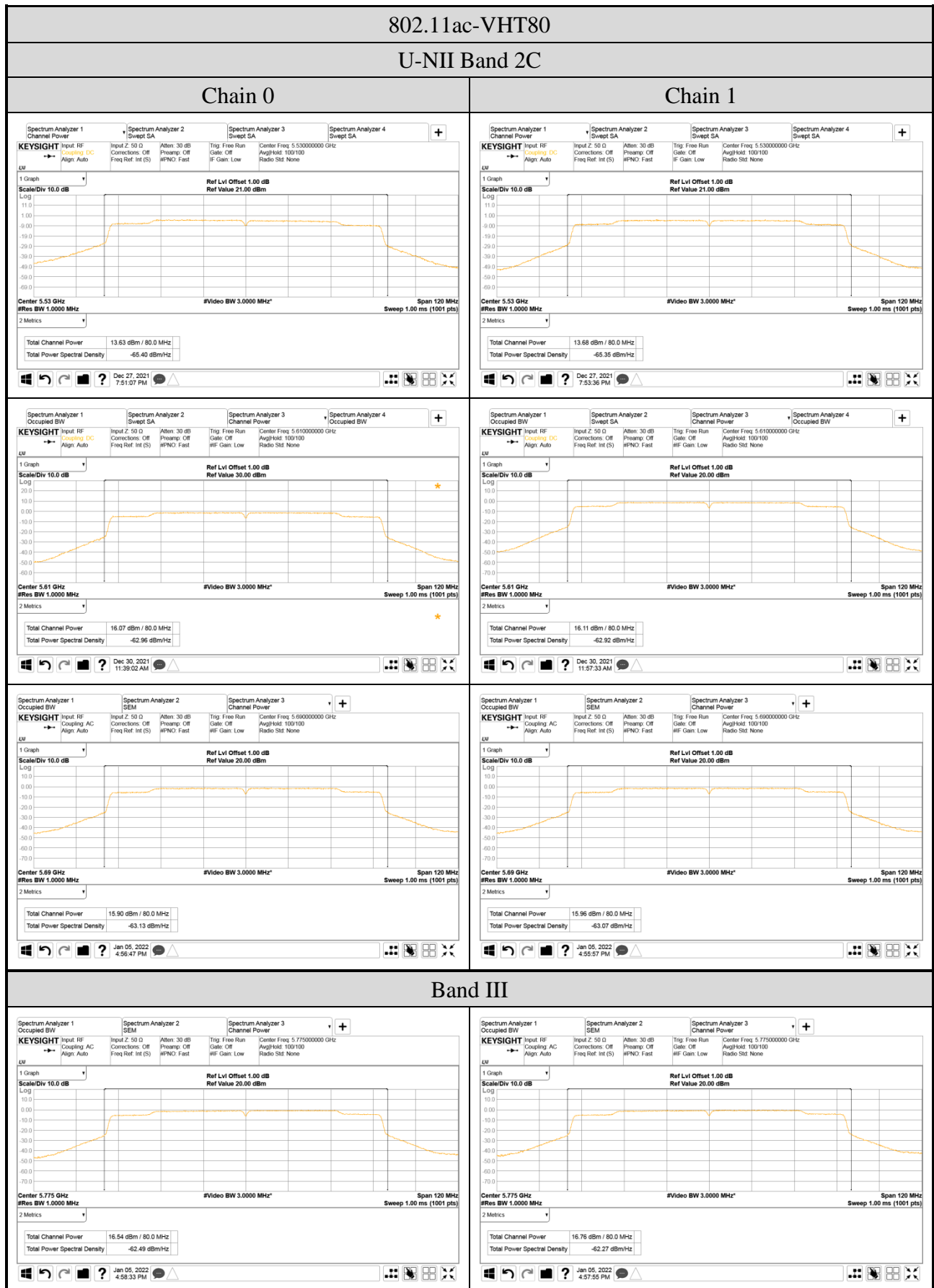
Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
				Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE80	I	5210	484/65	14.98	15.25	N/A	<b>18.13</b>	<b>0.065</b>	< 250 mW (24 dBm)
	2A	5290	484/66	12.22	11.97		<b>15.11</b>	<b>0.032</b>	
	2C	5530	484/65	14.14	14.19		17.18	0.052	
		5610	484/66	16.93	16.89		<b>19.92</b>	<b>0.098</b>	
	III	5775	484/65	16.72	16.98		19.86	0.097	< 1 W (30 dBm)
			484/66	16.86	17.10		<b>19.99</b>	<b>0.100</b>	
802.11ax-HE160	I/2A	5250	996/67	13.16	13.42	N/A	<b>16.30</b>	<b>0.043</b>	< 250 mW (24 dBm)
			996/S67	11.55	11.56		14.57	0.029	
	2C	5570	996/67	12.99	13.09		16.05	0.040	
			996/S67	15.73	15.79		<b>18.77</b>	<b>0.075</b>	

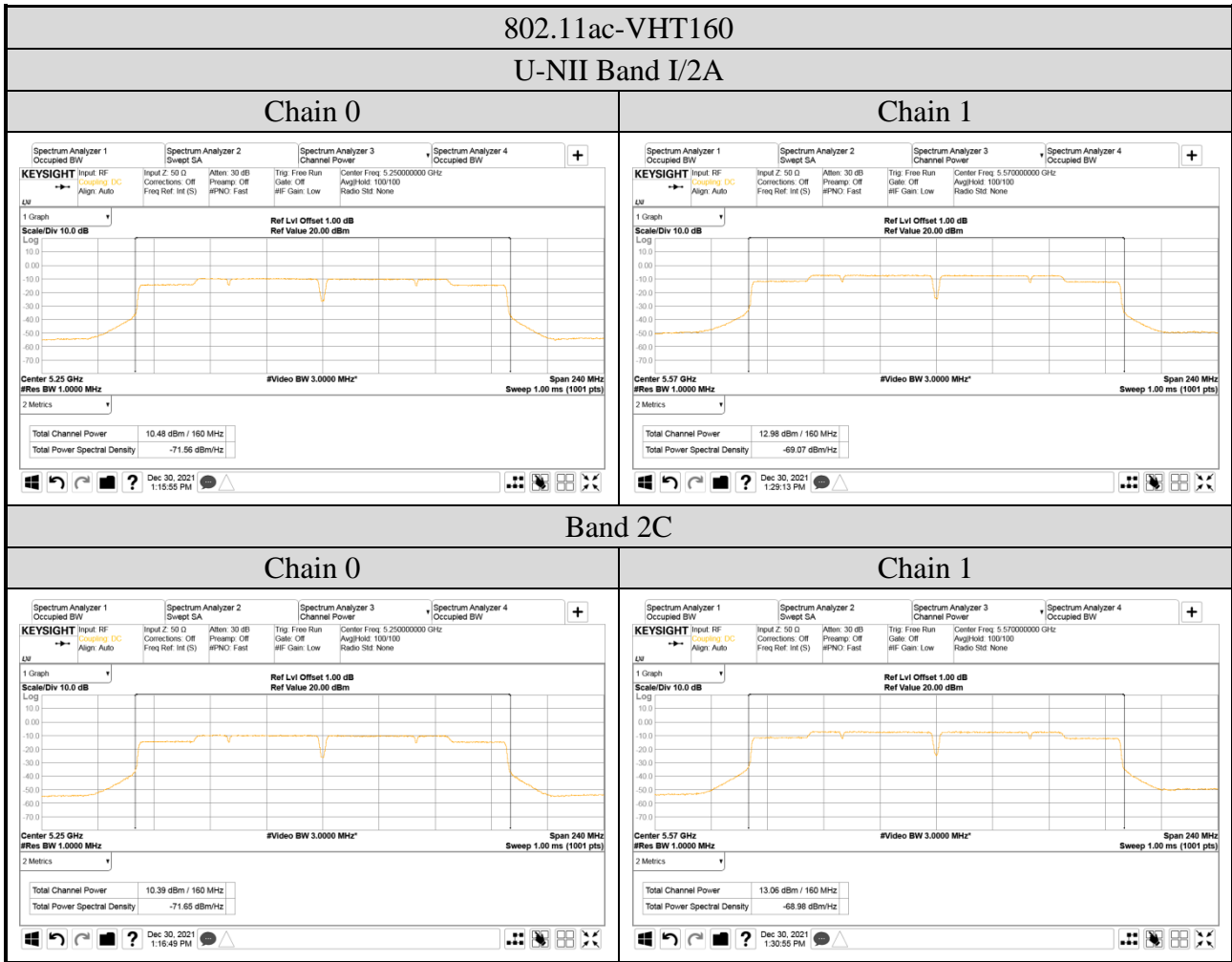
Note: The results have been included cable loss.

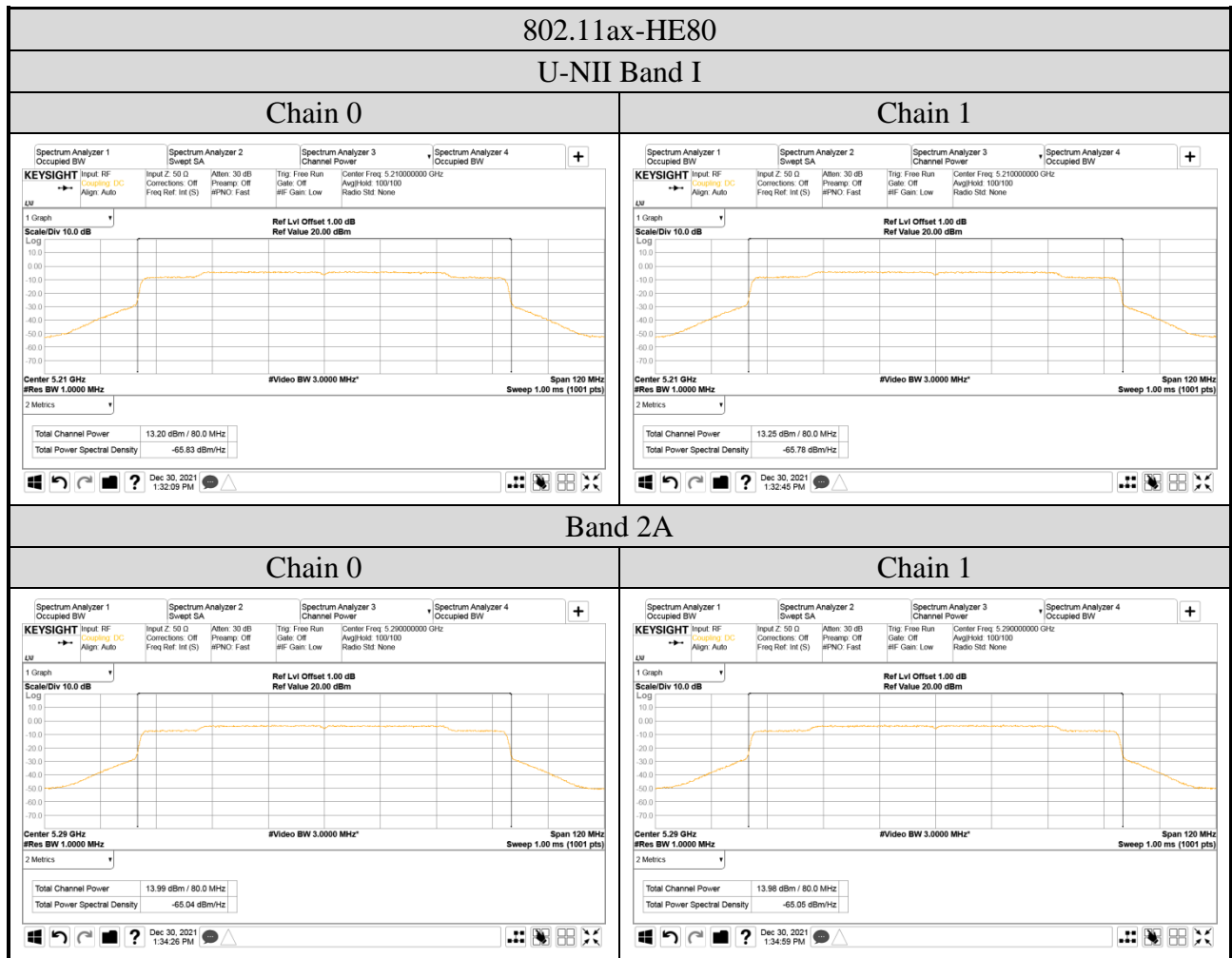
A.4.2 Measurement Plots

● **FCC ID: BEJNT-16Z90Q & IC: 2703H-16Z90Q Output Power**











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