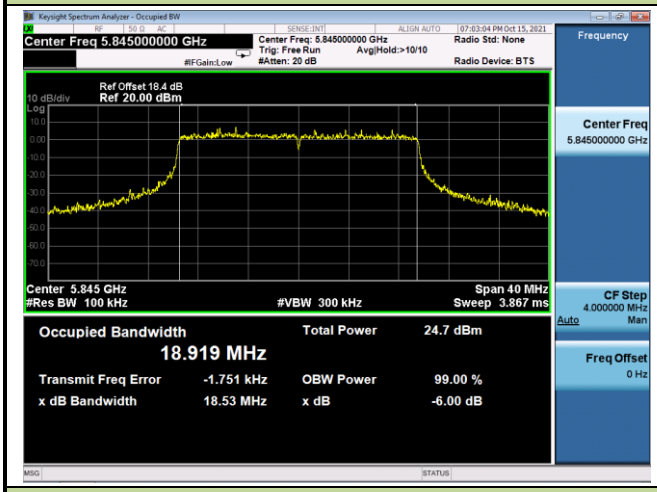
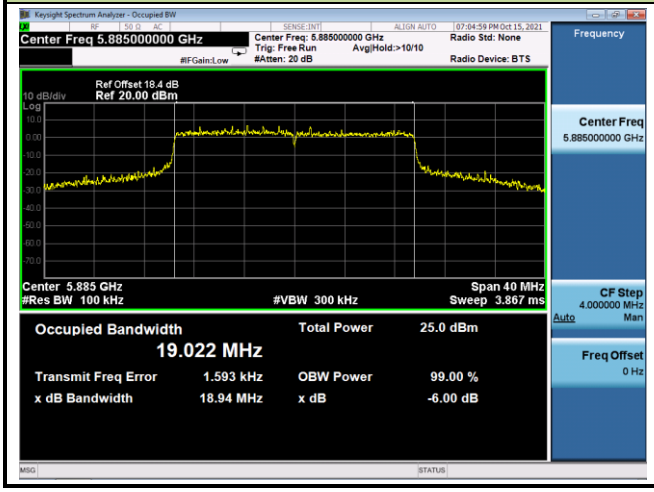
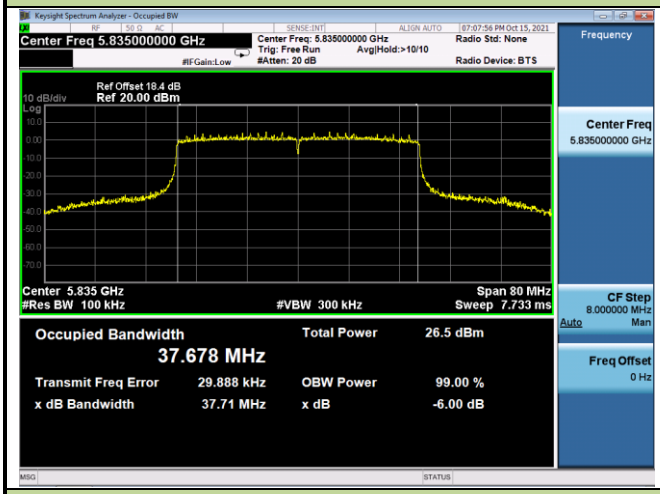
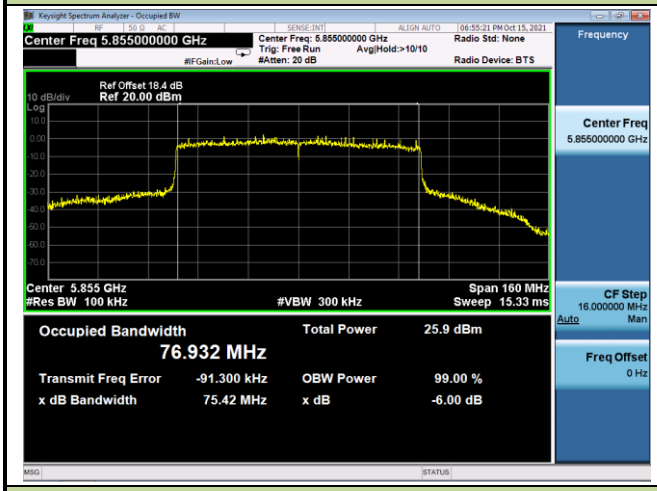
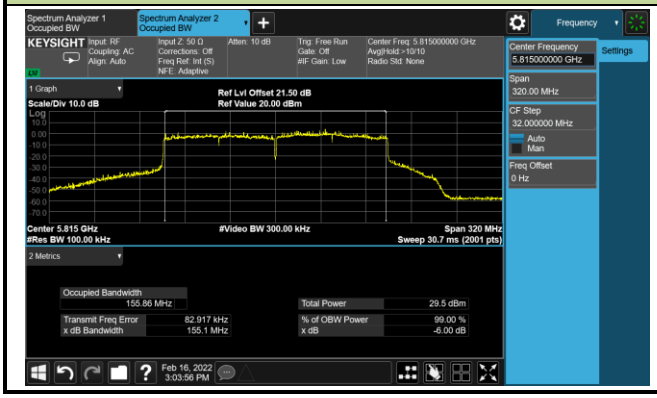
802.11ax-HE20 6dB Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ax-HE40 6dB Bandwidth	
Channel 167 (5835MHz)	Channel 175(5875MHz)
	
802.11ax-HE80 6dB Bandwidth	
Channel 171 (5855MHz)	
	
802.11ax-HE80+80 6dB Bandwidth	
Channel 155 + 171 (5775 + 5855MHz)	
	

A.4 Output Power Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2021/10/15		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Antenna Gain (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3				
11a	6Mbps	169	5845	18.62	18.82	18.13	18.31	24.50	2.88	27.38	≤ 36.00
11a	6Mbps	173	5865	18.56	18.48	18.11	18.50	24.44	2.88	27.32	≤ 36.00
11a	6Mbps	177	5885	18.02	18.23	17.78	18.02	24.04	2.88	26.92	≤ 36.00
11ac-VHT20	MCS0	169	5845	18.83	18.67	18.73	18.83	24.79	2.88	27.67	≤ 36.00
11ac-VHT20	MCS0	173	5865	18.69	18.66	18.42	18.58	24.61	2.88	27.49	≤ 36.00
11ac-VHT20	MCS0	177	5885	18.28	18.73	18.10	18.35	24.39	2.88	27.27	≤ 36.00
11ac-VHT40	MCS0	167	5835	18.52	18.69	18.54	18.79	24.66	2.88	27.54	≤ 36.00
11ac-VHT40	MCS0	175	5875	18.12	18.53	18.17	18.29	24.30	2.88	27.18	≤ 36.00
11ac-VHT80	MCS0	171	5855	18.39	18.59	18.40	18.45	24.48	2.88	27.36	≤ 36.00
11ax-HE20	MCS0	169	5845	18.58	18.60	18.66	18.60	24.63	2.88	27.51	≤ 36.00
11ax-HE20	MCS0	173	5865	18.91	18.82	18.51	18.48	24.70	2.88	27.58	≤ 36.00
11ax-HE20	MCS0	177	5885	18.86	18.97	18.53	18.68	24.78	2.88	27.66	≤ 36.00
11ax-HE40	MCS0	167	5835	18.17	18.26	18.27	18.41	24.30	2.88	27.18	≤ 36.00
11ax-HE40	MCS0	175	5875	18.27	18.58	18.30	18.55	24.45	2.88	27.33	≤ 36.00
11ax-HE80	MCS0	171	5855	18.50	18.63	18.34	18.62	24.54	2.88	27.42	≤ 36.00

Note 1: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)} + 10^{(\text{Ant 2 Average Power }/10)} + 10^{(\text{Ant 3 Average Power }/10)}\}$.

Note 2: EIRP Power (dBm) = Total Average Power (dBm) + Antenna Gain (dBi).

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2021/11/15		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Total Average Power Limit (dBm)	Antenna Gain (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3					
11ac-VHT80 +80	MCS0	155	5775	18.61	18.97	--	--	21.80	≤ 30.00	--	--	--
		171	5855	--	--	18.45	18.82	21.65	--	2.88	24.53	≤ 36.00
11ax-HE80 +80	MCS0	155	5775	18.98	18.92	--	--	21.96	≤ 30.00	--	--	--
		171	5855	--	--	18.69	18.98	21.85	--	2.88	24.73	≤ 36.00

Note 1: For Ant 0 & Ant 1, Total Average Power (dBm) = 10*log {$10^{(\text{Ant 0 Average Power }/10)}$ + $10^{(\text{Ant 1 Average Power }/10)}$}.

For Ant 2 & Ant 3, Total Average Power (dBm) = 10*log {$10^{(\text{Ant 2 Average Power }/10)}$ + $10^{(\text{Ant 3 Average Power }/10)}$}.

Note 2: EIRP Power (dBm) = Total Average Power (dBm) + Antenna Gain (dBi).

A.5 Power Spectral Density Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2021/11/01 ~ 2021/11/02		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	ANT Gain (dBi)	EIRP PSD (dBm/ MHz)	EIRP PSD Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3					
11a	6Mbps	169	5845	7.36	7.23	7.28	7.56	97.01	13.51	5.60	19.11	≤ 20.00
11a	6Mbps	173	5865	7.23	7.62	7.29	7.22	97.01	13.50	5.60	19.10	≤ 20.00
11a	6Mbps	177	5885	6.96	7.16	7.54	6.91	97.01	13.30	5.60	18.90	≤ 20.00
11ac-VHT20	MCS0	169	5845	7.13	7.35	7.38	7.37	95.50	13.53	5.60	19.13	≤ 20.00
11ac-VHT20	MCS0	173	5865	7.37	6.72	7.25	7.18	95.50	13.36	5.60	18.96	≤ 20.00
11ac-VHT20	MCS0	177	5885	6.88	7.65	7.07	6.84	95.50	13.34	5.60	18.94	≤ 20.00
11ac-VHT40	MCS0	167	5835	4.35	4.41	4.46	4.44	94.76	10.67	5.60	16.27	≤ 20.00
11ac-VHT40	MCS0	175	5875	3.84	4.11	3.97	4.23	94.76	10.30	5.60	15.90	≤ 20.00
11ac-VHT80	MCS0	171	5855	0.55	1.01	0.94	1.03	94.49	7.15	5.60	12.75	≤ 20.00
11ax-HE20	MCS0	169	5845	6.40	6.84	6.93	6.69	95.53	12.94	5.60	18.54	≤ 20.00
11ax-HE20	MCS0	173	5865	6.40	5.89	6.09	6.33	95.53	12.40	5.60	18.00	≤ 20.00
11ax-HE20	MCS0	177	5885	6.60	6.83	6.67	6.75	95.53	12.93	5.60	18.53	≤ 20.00
11ax-HE40	MCS0	167	5835	3.79	3.52	3.71	3.72	94.78	9.94	5.60	15.54	≤ 20.00
11ax-HE40	MCS0	175	5875	3.73	3.97	3.74	4.01	94.78	10.12	5.60	15.72	≤ 20.00
11ax-HE80	MCS0	171	5855	1.41	1.52	1.42	1.50	95.03	7.71	5.60	13.31	≤ 20.00

Note 1: When EUT duty cycle < 98%, the total PSD (dBm/MHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ + $10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$} +10*log (1/Duty cycle).

Note 2: EIRP PSD (dBm/MHz) = Total PSD (dBm/MHz) + Antenna Gain (dBi).

Note 3: For Channels span the 5.725-5.850 GHz and 5.850-5.895 GHz bands, we record the maximum level of 5.725-5.850 GHz and 5.850-5.895 GHz with RBW=1MHz, and the level complied with the 5.850-5.895 GHz EIRP PSD Limit.

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2021/11/17 ~ 2021/11/18		

Test Mode	Ant 0	Ant 1	Ant 2	Ant 3
11ac-VHT80+80	5775 MHz		5855 MHz	
11ax-HE80+80	5775 MHz		5855 MHz	

Test Mode	Data Rate/ MCS	CH No.	Freq. (MHz)	AVPSD (dBm/510kHz)		Duty Cycle (%)	Total PSD (dBm/ 510kHz)	Limit (dBm/ 500kHz)
				Ant 0	Ant 1			
11ac-VHT80+80	MCS0	155	5775	-2.86	-2.39	87.15	0.99	30
11ax-HE80+80	MCS0	155	5775	-2.00	-1.96	94.78	1.26	30

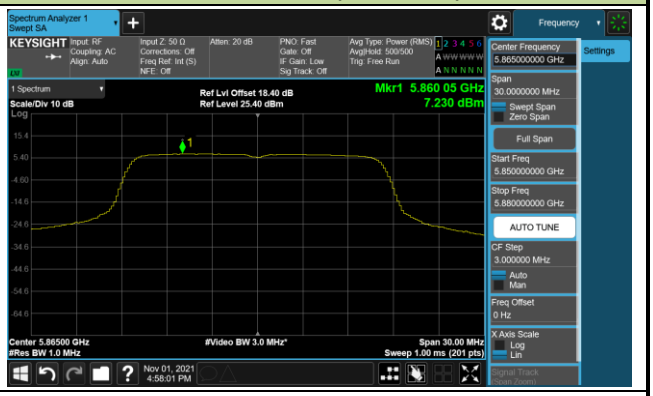
Note: When EUT duty cycle < 98%, Total PSD (dBm/510kHz) = 10*log {$10^{(\text{Ant 0 AVPSD }/10)}$ + $10^{(\text{Ant 1 AVPSD }/10)}$} +10*log (1/Duty cycle).

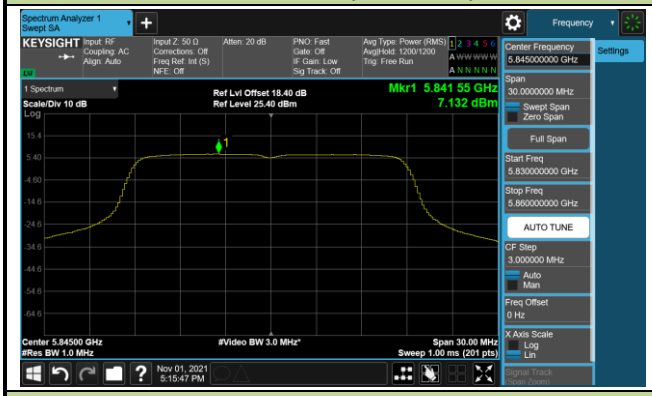
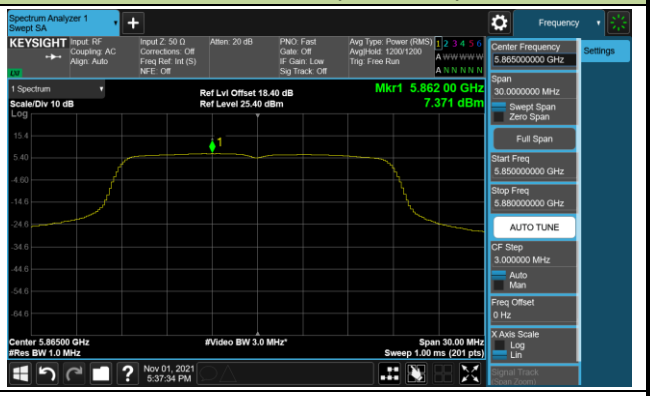
Test Mode	Data Rate/ MCS	CH No.	Freq. (MHz)	AVPSD (dBm/MHz)		Duty Cycle (%)	ANT Gain (dBi)	EIRP PSD (dBm/ MHz)	Limit (dBm/ MHz)
				Ant 2	Ant 3				
11ac-VHT80+80	MCS0	171	5855	1.26	1.15	87.15	5.60	10.41	≤ 20.00
11ax-HE80+80	MCS0	171	5855	1.71	1.62	94.78	5.60	10.51	≤ 20.00

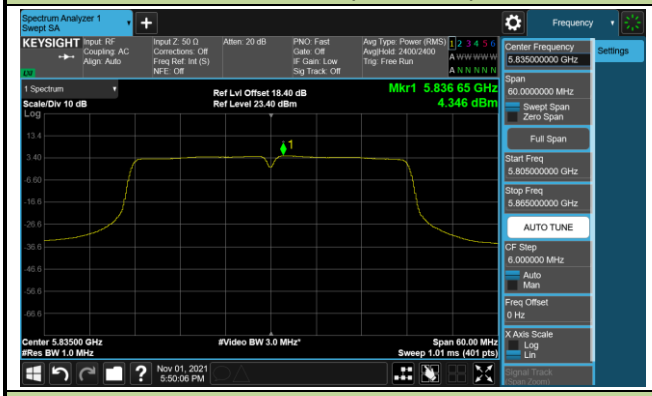
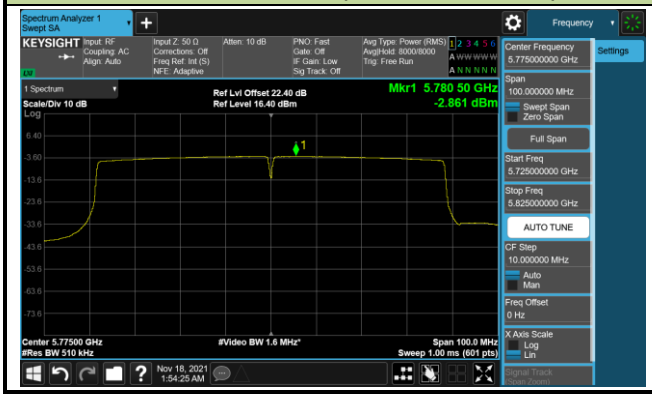
Note: When EUT duty cycle < 98%, Total PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 2 AVPSD }/10)}$ + $10^{(\text{Ant 3 AVPSD }/10)}$} +10*log (1/Duty cycle).

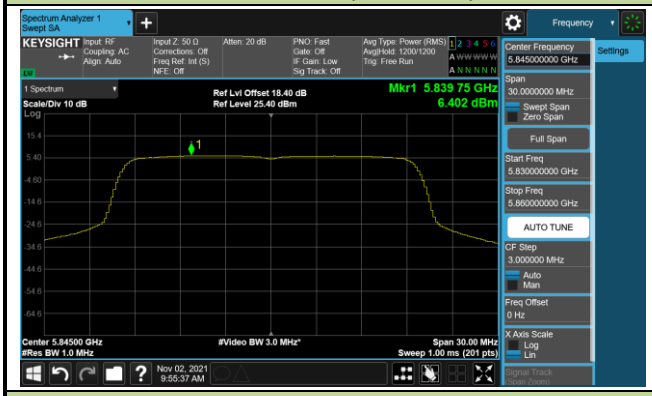
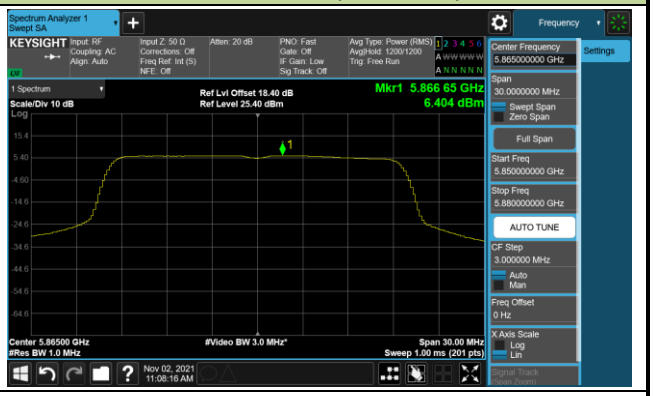
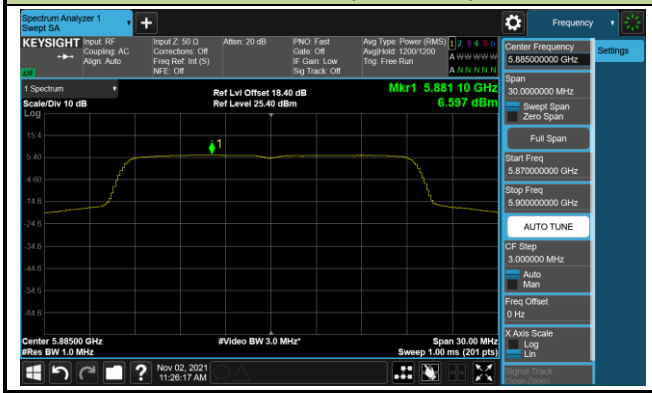
EIRP PSD (dBm/MHz) = Total PSD (dBm/MHz) + Antenna Gain (dBi).

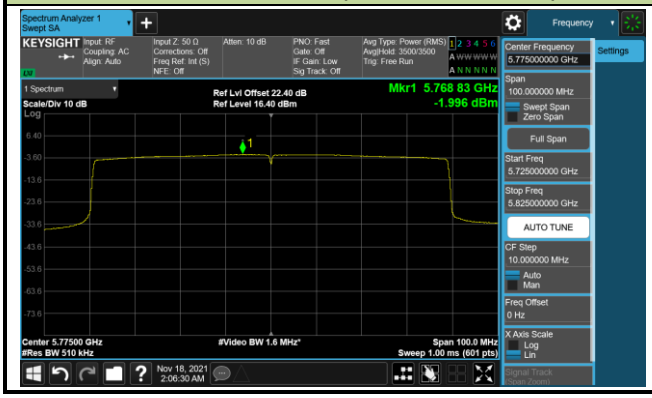
Remark: For NII-4 channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the power spectral density was measured in 1MHz RBW, it is the worst case method.

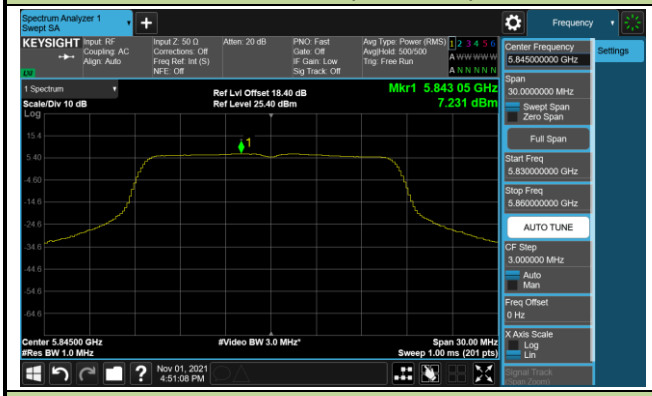
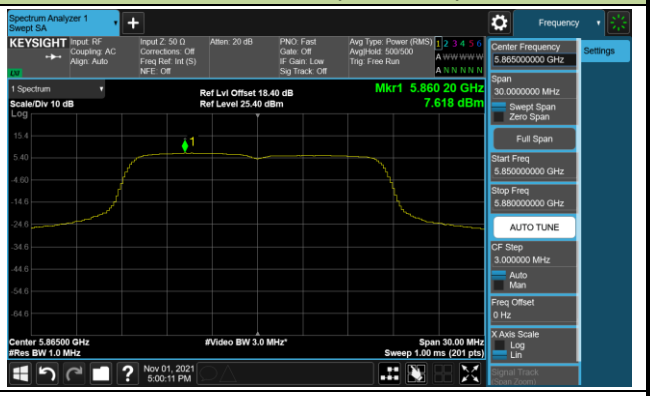
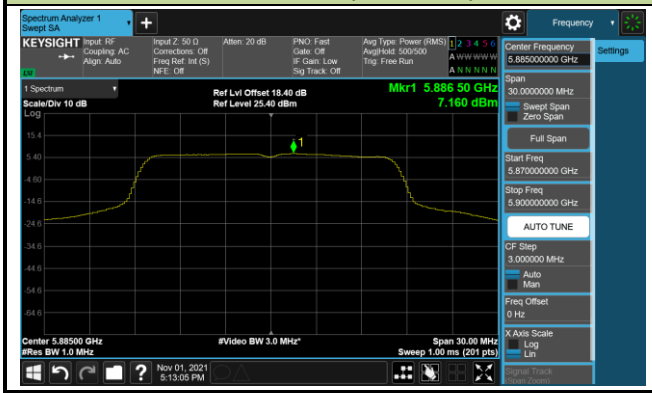
802.11a Power Spectral Density - Ant 0	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

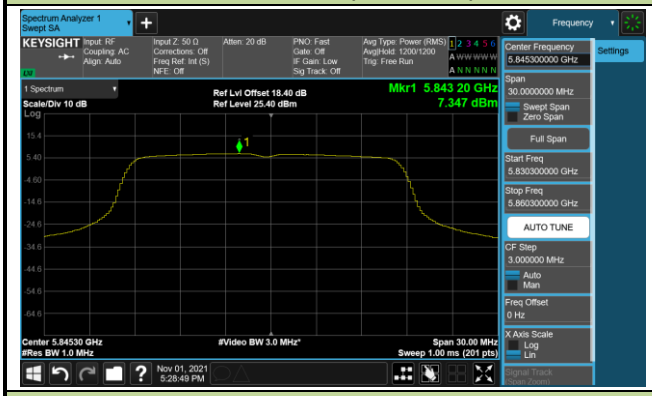
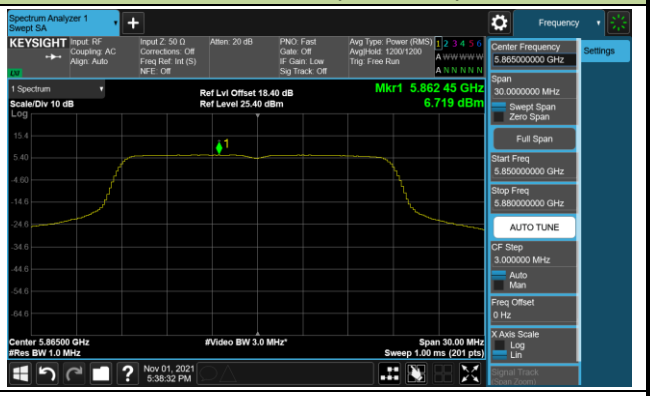
802.11ac-VHT20 Power Spectral Density - Ant 0	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

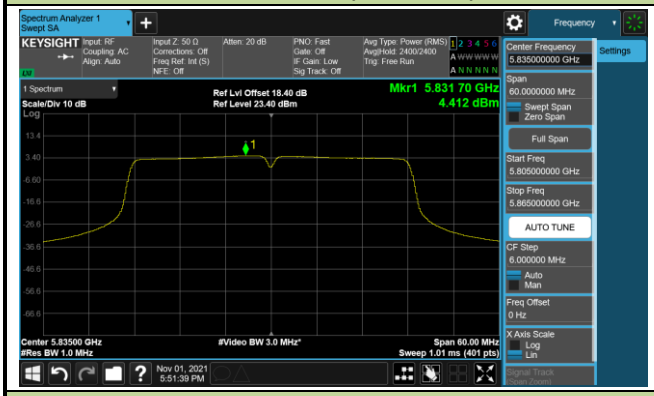
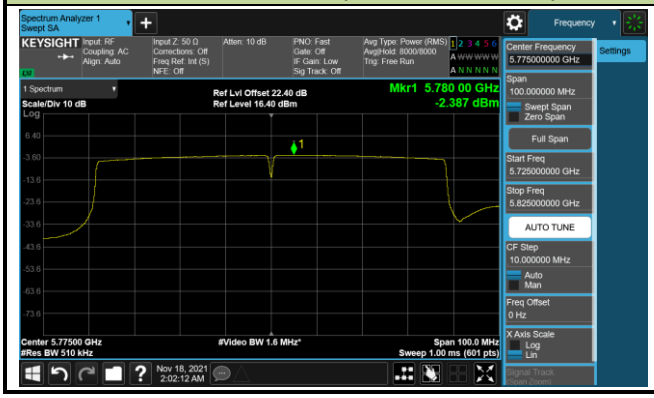
802.11ac-VHT40 Power Spectral Density - Ant 0	
Channel 167 (5835MHz)	Channel 175 (5875MHz)
	
802.11ac-VHT80 Power Spectral Density - Ant 0	
Channel 171 (5855MHz)	
	
802.11ac-VHT80+80 Power Spectral Density - Ant 0	
Channel 155 + 171 (5775 + 5855MHz)	
	

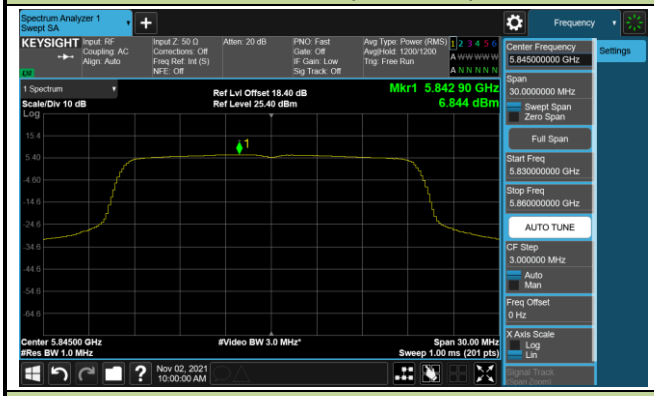
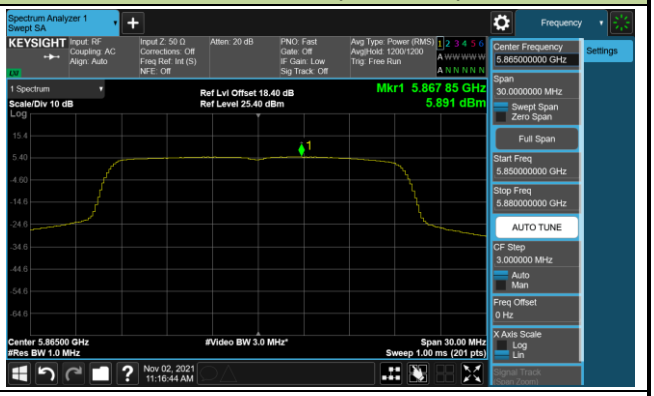
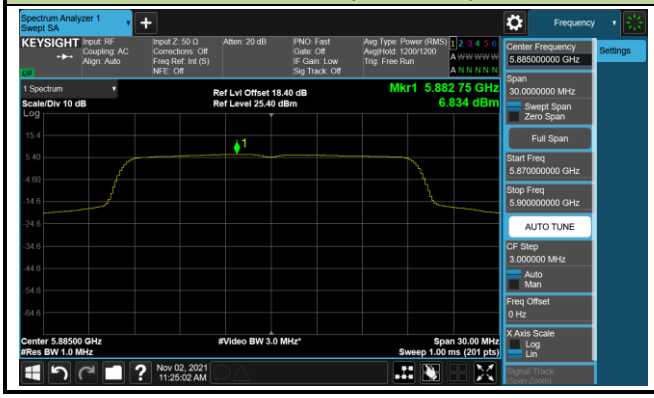
802.11ax-HE20 Power Spectral Density - Ant 0	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

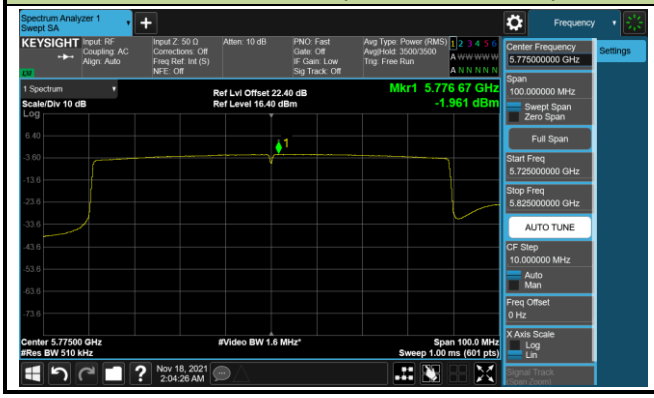
802.11 ax-HE40 Power Spectral Density - Ant 0	
Channel 167 (5835MHz)	Channel 175 (5875MHz)
	
802.11 ax-HE80 Power Spectral Density - Ant 0	
Channel 171 (5855MHz)	
	
802.11ax-HE80+80 Power Spectral Density - Ant 0	
Channel 155 + 171 (5775 + 5855MHz)	
	

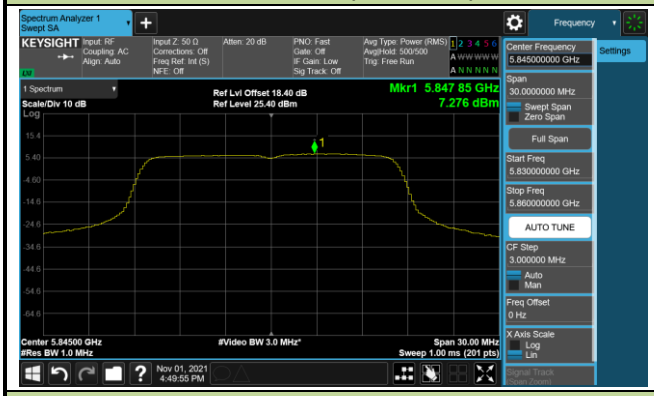
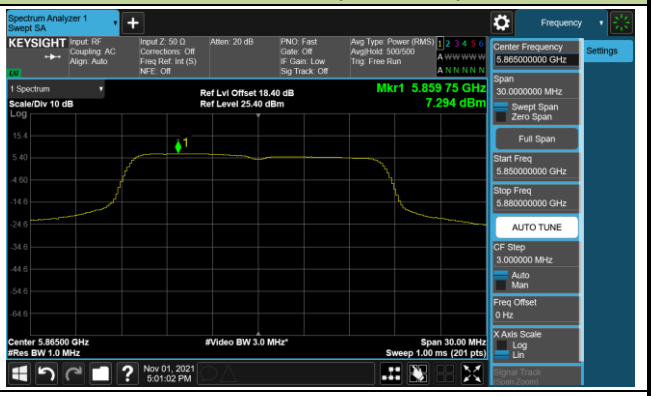
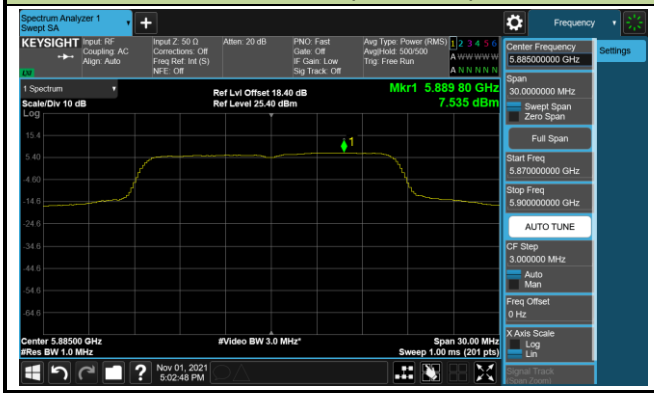
802.11a Power Spectral Density - Ant 1	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 1	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 1	
Channel 167 (5835MHz)	Channel 175 (5875MHz)
	
802.11ac-VHT80 Power Spectral Density - Ant 1	
Channel 171 (5855MHz)	
	
802.11ac-VHT80+80 Power Spectral Density - Ant 1	
Channel 155 + 171 (5775 + 5855MHz)	
	

802.11ax-HE20 Power Spectral Density - Ant 1	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11 ax-HE40 Power Spectral Density - Ant 1	
Channel 167 (5835MHz)	Channel 175 (5875MHz)
	
802.11 ax-HE80 Power Spectral Density - Ant 1	
Channel 171 (5855MHz)	
	
802.11ax-HE80+80 Power Spectral Density - Ant 1	
Channel 155 + 171 (5775 + 5855MHz)	
	

802.11a Power Spectral Density - Ant 2	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 2	
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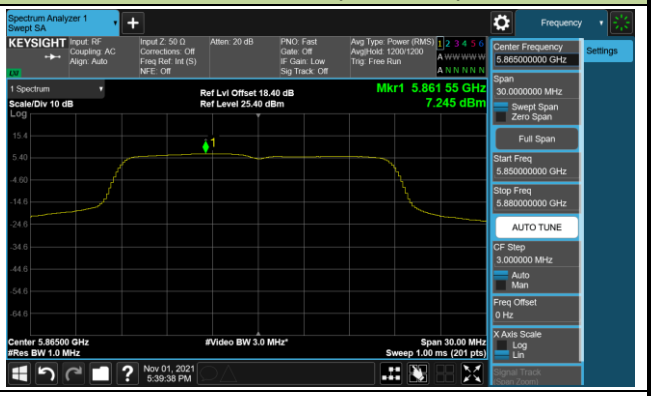
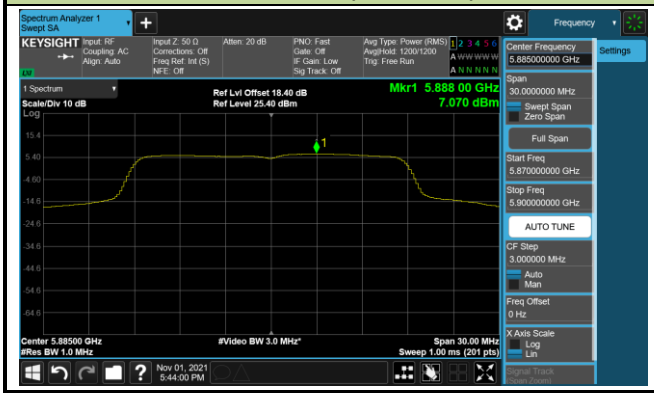
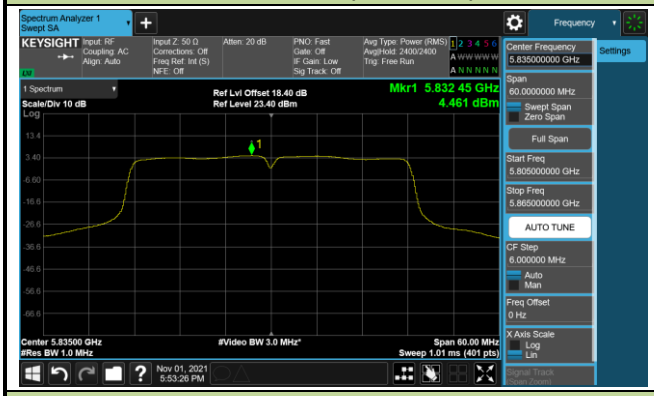
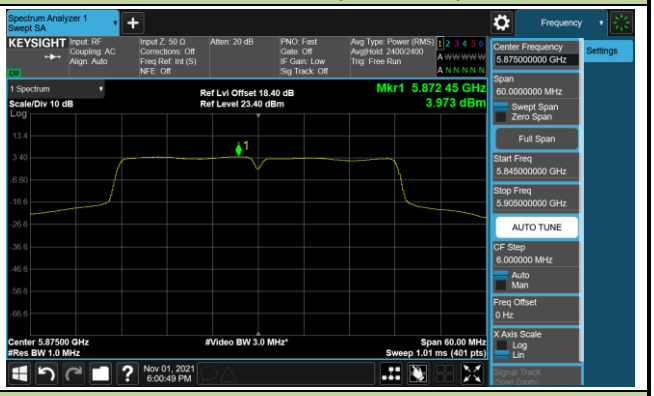
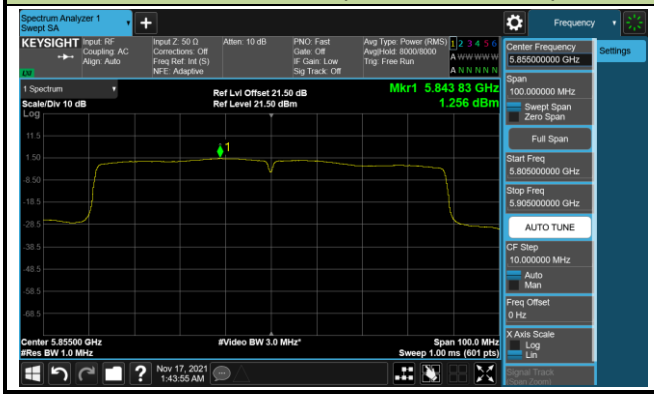
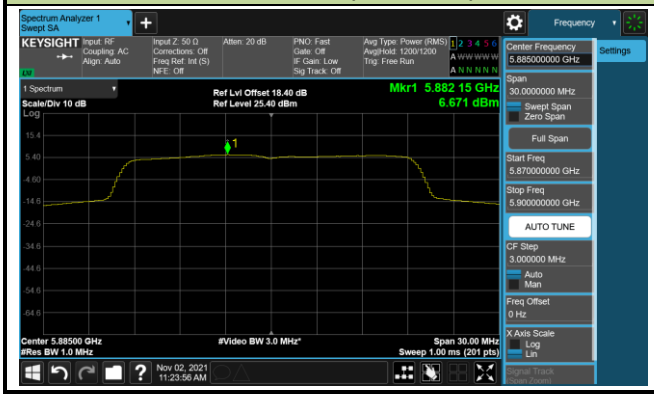
	
Channel 177 (5885MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 2	
Channel 167 (5835MHz)	Channel 175 (5875MHz)
	
802.11ac-VHT80 Power Spectral Density - Ant 2	
Channel 171 (5855MHz)	
	
802.11ac-VHT80+80 Power Spectral Density - Ant 2	
Channel 155 + 171 (5775 + 5855MHz)	
	

802.11ax-HE20 Power Spectral Density - Ant 2	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ax-HE40 Power Spectral Density - Ant 2	
Channel 167 (5835MHz)	Channel 175 (5875MHz)
	
802.11ax-HE80 Power Spectral Density - Ant 2	
Channel 171 (5855MHz)	
	
802.11ax-HE80+80 Power Spectral Density - Ant 2	
Channel 155 + 171 (5775 + 5855MHz)