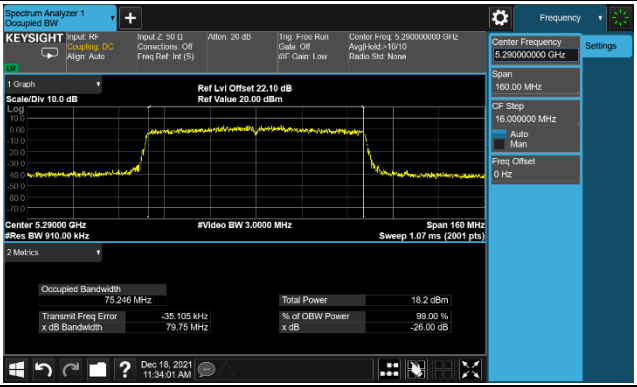
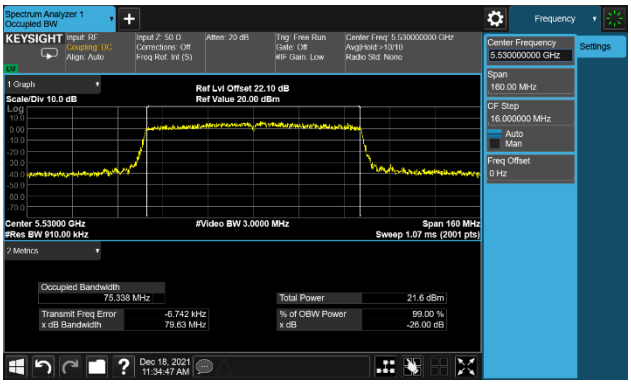
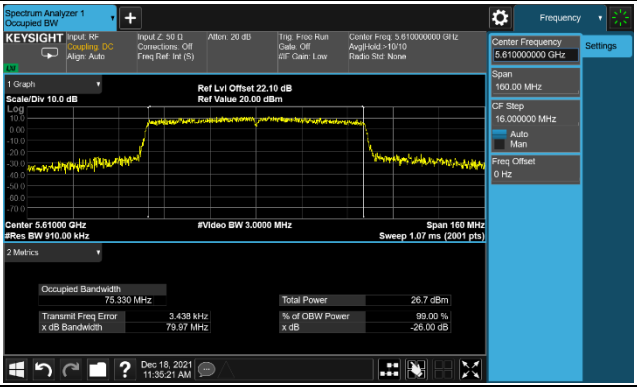
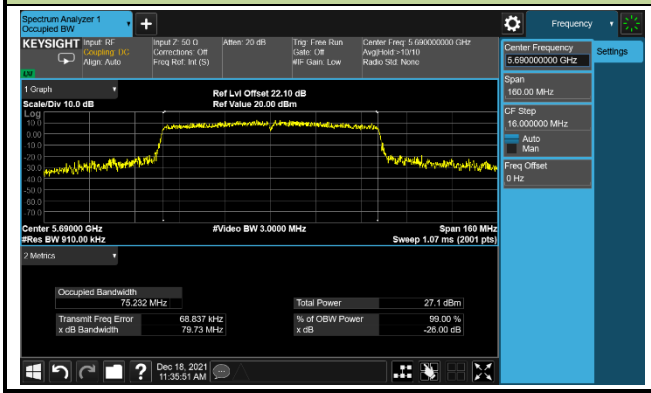
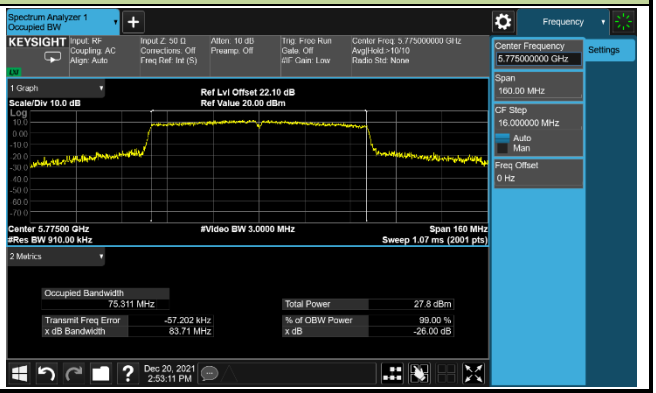
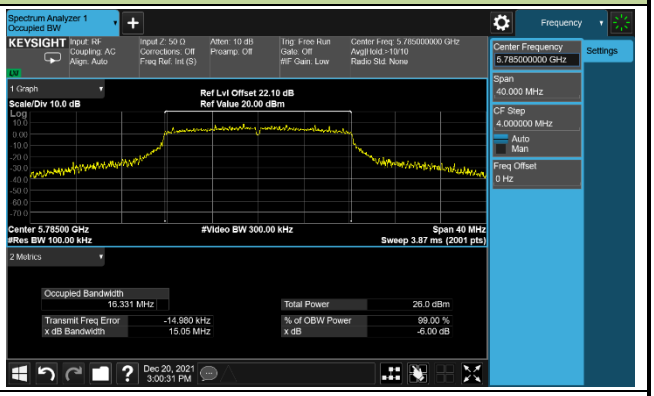
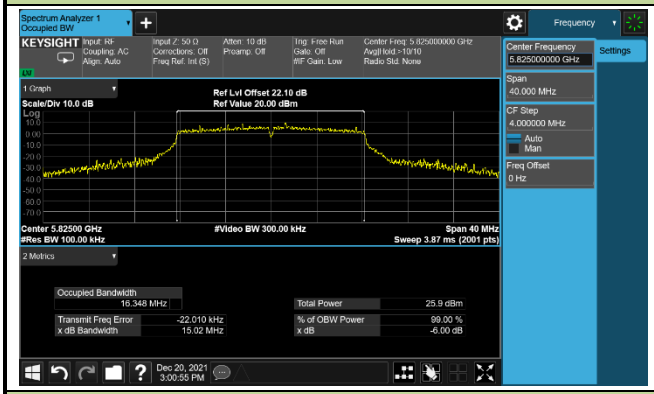
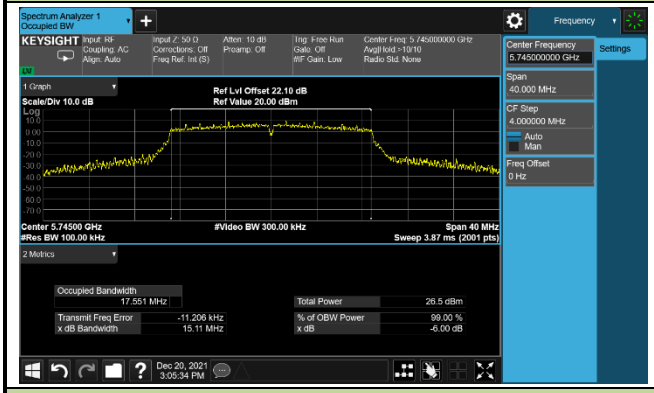
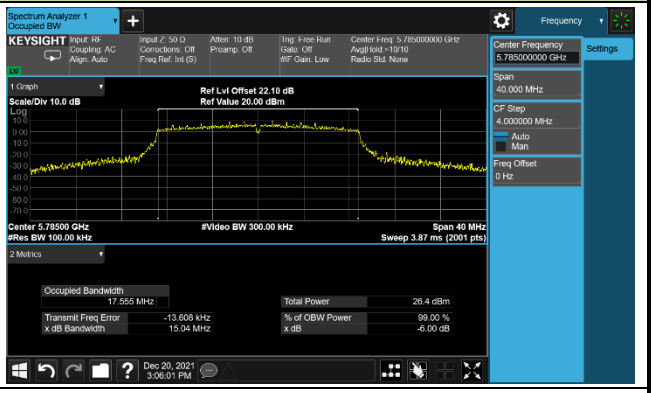
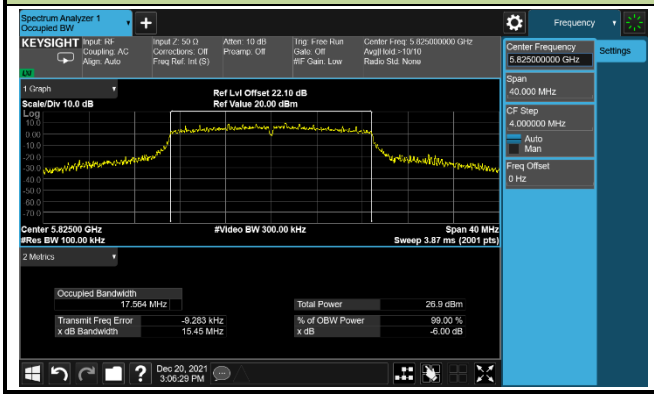
802.11ac-VHT80 26dB & 99% Bandwidth	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

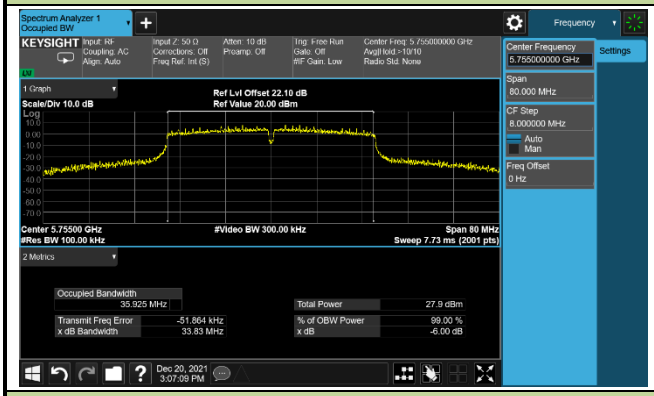
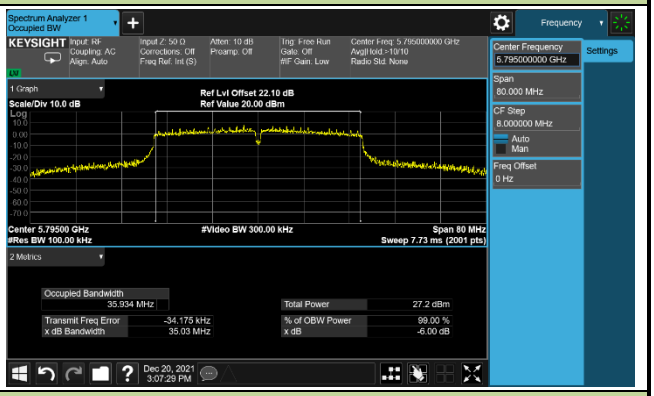
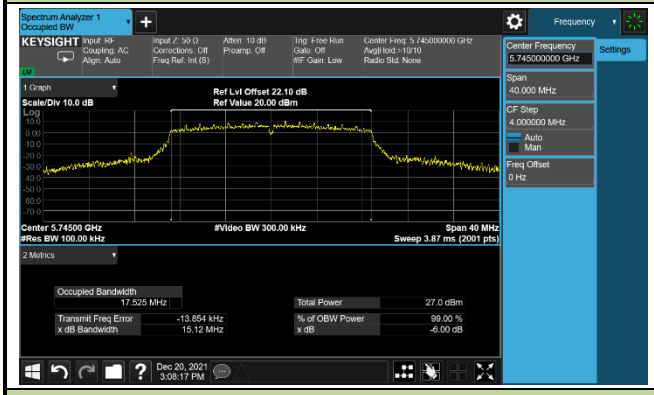
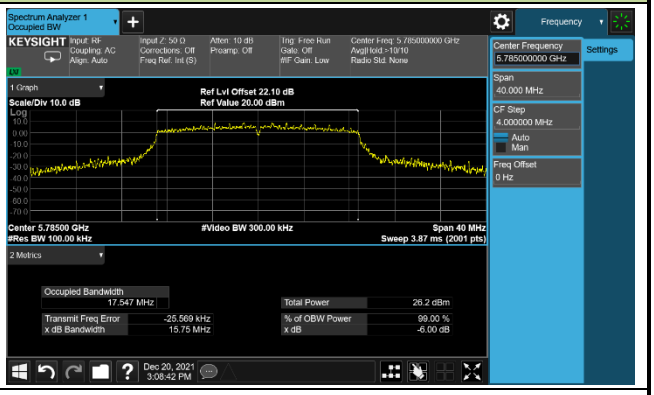
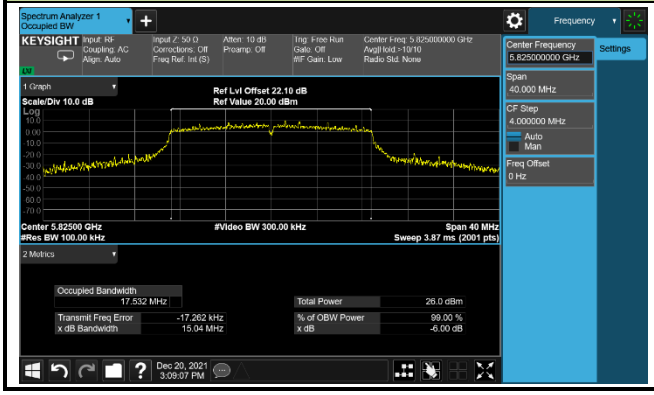
A.3 6dB Bandwidth Test Result

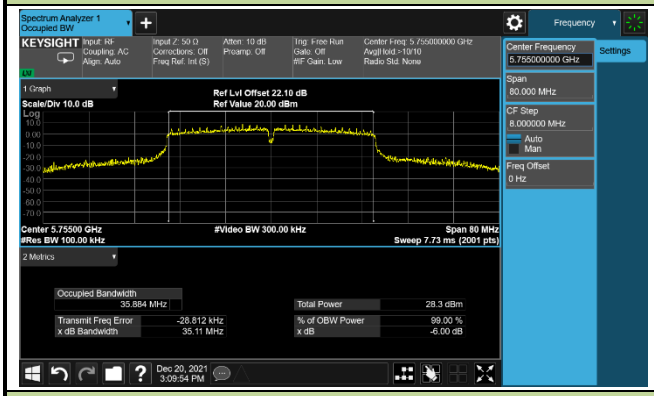
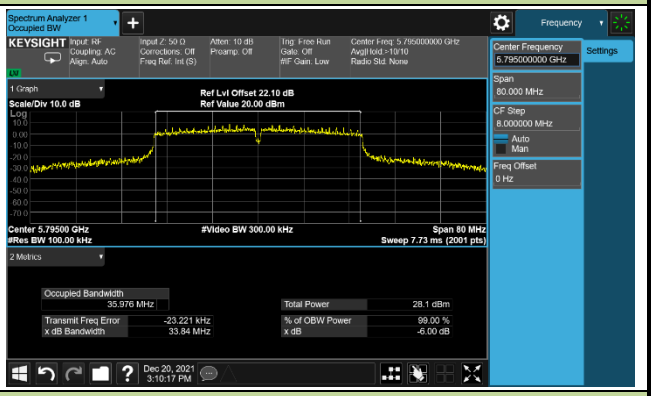
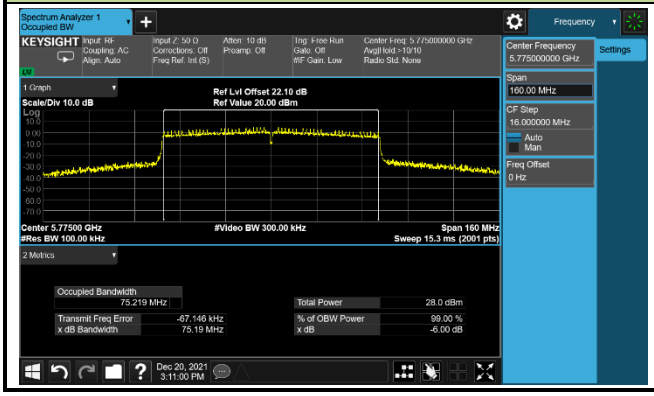
Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2021/12/20		

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	6Mbps	149	5745	15.02	≥ 0.5	Pass
802.11a	6Mbps	157	5785	15.05	≥ 0.5	Pass
802.11a	6Mbps	165	5825	15.02	≥ 0.5	Pass
802.11n-HT20	MCS0	149	5745	15.11	≥ 0.5	Pass
802.11n-HT20	MCS0	157	5785	15.04	≥ 0.5	Pass
802.11n-HT20	MCS0	165	5825	15.45	≥ 0.5	Pass
802.11n-HT40	MCS0	151	5755	33.83	≥ 0.5	Pass
802.11n-HT40	MCS0	159	5795	35.03	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	15.12	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	15.75	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	15.04	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	35.11	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	33.84	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	75.19	≥ 0.5	Pass

802.11a 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11n-HT20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11n-HT40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ac-VHT20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ac-VHT40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ac-VHT80 6dB Bandwidth	
Channel 155 (5775MHz)	
	

A.4 Output Power Test Result

Output power test was verified over all data rates of each mode shown as below table, and then choose the maximum output power (gray marker) for final test of each channel.

Test Mode	Bandwidth	Channel No.	Frequency (MHz)	Data Rate/ MCS	AV Power (dBm)
Ant 0					
802.11a	20	36	5180	6Mbps	21.65
				24Mbps	21.48
				54Mbps	21.30
802.11n	20	36	5180	MCS0	22.83
				MCS4	22.65
				MCS7	22.46
802.11n	40	38	5190	MCS0	18.11
				MCS4	17.95
				MCS7	17.81
802.11ac	20	36	5180	MCS0	23.03
				MCS4	22.85
				MCS8	22.66
802.11ac	40	38	5190	MCS0	21.60
				MCS4	21.41
				MCS9	21.21
802.11ac	80	42	5210	MCS0	14.32
				MCS5	14.20
				MCS9	14.02

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2021/12/16	Test Mode	CDD Mode

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Power (dBm)		Total Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11a	6Mbps	36	5180	21.65	21.48	24.58	≤ 30.00
11a	6Mbps	44	5220	21.51	21.49	24.51	≤ 30.00
11a	6Mbps	48	5240	22.84	23.05	25.96	≤ 30.00
11a	6Mbps	52	5260	17.74	17.86	20.81	≤ 23.87
11a	6Mbps	60	5300	17.59	17.94	20.78	≤ 23.87
11a	6Mbps	64	5320	17.71	17.91	20.82	≤ 23.87
11a	6Mbps	100	5500	18.08	18.15	21.13	≤ 23.87
11a	6Mbps	116	5580	18.15	17.85	21.01	≤ 23.87
11a	6Mbps	140	5700	18.12	18.02	21.08	≤ 23.87
11a	6Mbps	144	5720	18.13	17.73	20.94	≤ 22.68
11a	6Mbps	149	5745	21.41	20.81	24.13	≤ 30.00
11a	6Mbps	157	5785	22.10	21.71	24.92	≤ 30.00
11a	6Mbps	165	5825	21.58	21.97	24.79	≤ 30.00
11n-HT20	MCS0	36	5180	22.83	22.78	25.82	≤ 30.00
11n-HT20	MCS0	44	5220	23.09	23.22	26.17	≤ 30.00
11n-HT20	MCS0	48	5240	24.12	24.14	27.14	≤ 30.00
11n-HT20	MCS0	52	5260	17.91	18.11	21.02	≤ 23.94
11n-HT20	MCS0	60	5300	18.02	18.08	21.06	≤ 23.94
11n-HT20	MCS0	64	5320	17.91	18.13	21.03	≤ 23.94
11n-HT20	MCS0	100	5500	18.54	18.36	21.46	≤ 23.94
11n-HT20	MCS0	116	5580	18.44	18.14	21.30	≤ 23.94
11n-HT20	MCS0	140	5700	18.64	18.25	21.46	≤ 23.94
11n-HT20	MCS0	144	5720	18.42	18.11	21.28	≤ 22.76
11n-HT20	MCS0	149	5745	21.88	21.64	24.77	≤ 30.00
11n-HT20	MCS0	157	5785	22.14	21.79	24.98	≤ 30.00
11n-HT20	MCS0	165	5825	22.07	22.41	25.25	≤ 30.00

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Power (dBm)		Total Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11n-HT40	MCS0	38	5190	18.11	18.59	21.37	≤ 30.00
11n-HT40	MCS0	46	5230	26.23	26.33	29.29	≤ 30.00
11n-HT40	MCS0	54	5270	20.85	21.05	23.96	≤ 23.98
11n-HT40	MCS0	62	5310	16.28	16.46	19.38	≤ 23.98
11n-HT40	MCS0	102	5510	17.31	17.76	20.55	≤ 23.98
11n-HT40	MCS0	110	5550	21.05	20.75	23.91	≤ 23.98
11n-HT40	MCS0	134	5670	21.04	20.66	23.86	≤ 23.98
11n-HT40	MCS0	142	5710	20.67	20.57	23.63	≤ 23.98
11n-HT40	MCS0	151	5755	23.28	22.74	26.03	≤ 30.00
11n-HT40	MCS0	159	5795	22.75	22.32	25.55	≤ 30.00
11ac-VHT20	MCS0	36	5180	23.03	23.14	26.10	≤ 30.00
11ac-VHT20	MCS0	44	5220	23.79	23.67	26.74	≤ 30.00
11ac-VHT20	MCS0	48	5240	23.24	23.43	26.35	≤ 30.00
11ac-VHT20	MCS0	52	5260	17.78	18.08	20.94	≤ 23.98
11ac-VHT20	MCS0	60	5300	17.81	18.24	21.04	≤ 23.98
11ac-VHT20	MCS0	64	5320	17.90	18.05	20.99	≤ 23.98
11ac-VHT20	MCS0	100	5500	18.54	18.58	21.57	≤ 23.98
11ac-VHT20	MCS0	116	5580	17.75	17.77	20.77	≤ 23.98
11ac-VHT20	MCS0	140	5700	18.56	18.23	21.41	≤ 23.98
11ac-VHT20	MCS0	144	5720	18.66	18.22	21.46	≤ 22.80
11ac-VHT20	MCS0	149	5745	22.64	22.37	25.52	≤ 30.00
11ac-VHT20	MCS0	157	5785	22.29	21.83	25.08	≤ 30.00
11ac-VHT20	MCS0	165	5825	21.76	21.64	24.71	≤ 30.00
11ac-VHT40	MCS0	38	5190	21.60	21.82	24.72	≤ 30.00
11ac-VHT40	MCS0	46	5230	26.05	25.84	28.96	≤ 30.00
11ac-VHT40	MCS0	54	5270	20.85	20.73	23.80	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.01	17.32	20.18	≤ 23.98
11ac-VHT40	MCS0	102	5510	18.21	18.22	21.23	≤ 23.98
11ac-VHT40	MCS0	110	5550	20.99	20.83	23.92	≤ 23.98
11ac-VHT40	MCS0	134	5670	20.58	20.17	23.39	≤ 23.98
11ac-VHT40	MCS0	142	5710	20.27	20.01	23.15	≤ 23.98
11ac-VHT40	MCS0	151	5755	23.65	23.24	26.46	≤ 30.00
11ac-VHT40	MCS0	159	5795	23.84	23.05	26.47	≤ 30.00

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Power (dBm)		Total Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ac-VHT80	MCS0	42	5210	14.32	14.04	17.19	≤ 30.00
11ac-VHT80	MCS0	58	5290	12.14	12.51	15.34	≤ 23.98
11ac-VHT80	MCS0	106	5530	15.76	15.11	18.46	≤ 23.98
11ac-VHT80	MCS0	122	5610	20.81	20.58	23.71	≤ 23.98
11ac-VHT80	MCS0	138	5690	20.77	20.68	23.74	≤ 23.98
11ac-VHT80	MCS0	155	5775	22.64	22.28	25.47	≤ 30.00

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

Note 2:

For 5250-5350MHz & 5470-5725MHz, the conducted power limit is as below.

802.11a: 11 + 10 log10 (19.35) = 23.87 < 23.98 dBm

802.11n-HT20: 11 + 10 log10 (19.70) = 23.94 < 23.98 dBm

802.11ac-VHT20: 11 + 10 log10 (19.85) = 23.98 = 23.98 dBm

802.11n-HT40/ac-VHT40/ac-VHT80: 11 + 10 log10 B > 23.98dBm

Note 3: For straddle channel, the conducted power limit is as below.

802.11a CH144: 11 + 10 log10 (B) = 22.68dBm, B = 19.42/2 + 5 = 14.71MHz.

802.11n-HT20 CH144: 11 + 10 log10 (B) = 22.76dBm, B = 20.01/2 + 5 = 15.01MHz.

802.11ac-VHT20 CH144: 11 + 10 log10 (B) = 22.80dBm, B = 20.25/2 + 5 = 15.13MHz.

802.11n-HT40/ac-VHT40/ac-VHT80: 11 + 10 log10 B > 23.98dBm;

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2021/12/16	Test Mode	BF Mode

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Power (dBm)		Total Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11n-HT20	MCS0	36	5180	22.83	22.78	25.82	≤ 30.00
11n-HT20	MCS0	44	5220	23.09	23.22	26.17	≤ 30.00
11n-HT20	MCS0	48	5240	24.12	24.14	27.14	≤ 30.00
11n-HT20	MCS0	52	5260	17.91	18.11	21.02	≤ 23.43
11n-HT20	MCS0	60	5300	18.02	18.08	21.06	≤ 23.43
11n-HT20	MCS0	64	5320	17.91	18.13	21.03	≤ 23.43
11n-HT20	MCS0	100	5500	18.54	18.36	21.46	≤ 23.43
11n-HT20	MCS0	116	5580	18.44	18.14	21.30	≤ 23.43
11n-HT20	MCS0	140	5700	18.64	18.25	21.46	≤ 23.43
11n-HT20	MCS0	144	5720	18.42	18.11	21.28	≤ 22.25
11n-HT20	MCS0	149	5745	21.88	21.64	24.77	≤ 29.59
11n-HT20	MCS0	157	5785	22.14	21.79	24.98	≤ 29.59
11n-HT20	MCS0	165	5825	22.07	22.41	25.25	≤ 29.59
11n-HT40	MCS0	38	5190	18.11	18.59	21.37	≤ 30.00
11n-HT40	MCS0	46	5230	26.23	26.33	29.29	≤ 30.00
11n-HT40	MCS0	54	5270	20.01	20.03	23.03	≤ 23.47
11n-HT40	MCS0	62	5310	16.28	16.46	19.38	≤ 23.47
11n-HT40	MCS0	102	5510	17.31	17.76	20.55	≤ 23.47
11n-HT40	MCS0	110	5550	20.03	19.87	22.96	≤ 23.47
11n-HT40	MCS0	134	5670	19.93	19.74	22.85	≤ 23.47
11n-HT40	MCS0	142	5710	19.84	19.77	22.82	≤ 23.47
11n-HT40	MCS0	151	5755	23.28	22.74	26.03	≤ 29.59
11n-HT40	MCS0	159	5795	22.75	22.32	25.55	≤ 29.59

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Power (dBm)		Total Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ac-VHT20	MCS0	36	5180	23.03	23.14	26.10	≤ 30.00
11ac-VHT20	MCS0	44	5220	23.79	23.67	26.74	≤ 30.00
11ac-VHT20	MCS0	48	5240	23.24	23.43	26.35	≤ 30.00
11ac-VHT20	MCS0	52	5260	17.78	18.08	20.94	≤ 23.47
11ac-VHT20	MCS0	60	5300	17.81	18.24	21.04	≤ 23.47
11ac-VHT20	MCS0	64	5320	17.90	18.05	20.99	≤ 23.47
11ac-VHT20	MCS0	100	5500	18.54	18.58	21.57	≤ 23.47
11ac-VHT20	MCS0	116	5580	17.75	17.77	20.77	≤ 23.47
11ac-VHT20	MCS0	140	5700	18.56	18.23	21.41	≤ 23.47
11ac-VHT20	MCS0	144	5720	18.66	18.22	21.46	≤ 22.29
11ac-VHT20	MCS0	149	5745	22.64	22.37	25.52	≤ 29.59
11ac-VHT20	MCS0	157	5785	22.29	21.83	25.08	≤ 29.59
11ac-VHT20	MCS0	165	5825	21.76	21.64	24.71	≤ 29.59
11ac-VHT40	MCS0	38	5190	21.60	21.82	24.72	≤ 30.00
11ac-VHT40	MCS0	46	5230	26.05	25.84	28.96	≤ 30.00
11ac-VHT40	MCS0	54	5270	19.73	19.55	22.65	≤ 23.47
11ac-VHT40	MCS0	62	5310	17.01	17.32	20.18	≤ 23.47
11ac-VHT40	MCS0	102	5510	18.21	18.22	21.23	≤ 23.47
11ac-VHT40	MCS0	110	5550	19.77	19.61	22.70	≤ 23.47
11ac-VHT40	MCS0	134	5670	20.58	20.17	23.39	≤ 23.47
11ac-VHT40	MCS0	142	5710	20.27	20.01	23.15	≤ 23.47
11ac-VHT40	MCS0	151	5755	23.65	23.24	26.46	≤ 29.59
11ac-VHT40	MCS0	159	5795	23.84	23.05	26.47	≤ 29.59
11ac-VHT80	MCS0	42	5210	14.32	14.04	17.19	≤ 30.00
11ac-VHT80	MCS0	58	5290	12.14	12.51	15.34	≤ 23.47
11ac-VHT80	MCS0	106	5530	15.76	15.11	18.46	≤ 23.47
11ac-VHT80	MCS0	122	5610	20.40	19.95	23.19	≤ 23.47
11ac-VHT80	MCS0	138	5690	20.51	20.32	23.43	≤ 23.47
11ac-VHT80	MCS0	155	5775	22.64	22.28	25.47	≤ 29.59

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

Note 2:

For 5250-5350MHz & 5470-5725MHz, the conducted power limit is as below.

802.11n-HT20: 11 + 10 log10 (19.70) – (6.51 - 6) = 23.43 < 23.98 – (6.51 - 6) = 23.47dBm.

802.11ac-VHT20: 11 + 10 log10 (19.85) – (6.51 - 6) = 23.47 = 23.98 – (6.51 - 6) = 23.47dBm.

802.11n-HT40/ac-VHT40/ac-VHT80: 11 + 10 log10 B – (6.51 - 6) > 23.98 – (6.51 - 6) = 23.47dBm.

For 5725-5850MHz, the conducted power limit = 30 – (6.41 - 6) = 29.59dBm.

Note 3: For straddle channel, the conducted power limit is as below.

802.11n-HT20 CH144: 11 + 10 log10 (B) – (6.51 - 6) = 22.25dBm, B = 20.01/2 + 5 = 15.01MHz.

802.11ac-VHT20 CH144: 11 + 10 log10 (B) – (6.51 - 6) = 22.29dBm, B = 20.25/2 + 5 = 15.13MHz.

802.11n-HT40/ac-VHT40/ac-VHT80: 11 + 10 log10 B – (6.51 - 6) > 23.47dBm;

A.5 Power Spectral Density Test Result

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2021/12/11~2022/04/08		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
				Ant 0	Ant 1			
For NII-1/-2a/-2c Bands:								
11a	6Mbps	36	5180	10.06	10.16	95.34	13.33	≤ 17.00
11a	6Mbps	44	5220	9.94	9.94	95.34	13.16	≤ 17.00
11a	6Mbps	48	5240	11.67	11.69	95.34	14.90	≤ 17.00
11a	6Mbps	52	5260	6.91	7.14	95.34	10.24	≤ 10.49
11a	6Mbps	60	5300	6.73	7.23	95.34	10.20	≤ 10.49
11a	6Mbps	64	5320	6.80	7.25	95.34	10.25	≤ 10.49
11a	6Mbps	100	5500	7.02	6.97	95.34	10.22	≤ 10.49
11a	6Mbps	116	5580	6.97	6.82	95.34	10.11	≤ 10.49
11a	6Mbps	140	5700	7.12	6.77	95.34	10.17	≤ 10.49
11a	6Mbps	144	5720	7.18	7.03	95.34	10.32	≤ 10.49
11n-HT20	MCS0	36	5180	11.01	11.08	95.21	14.27	≤ 17.00
11n-HT20	MCS0	44	5220	11.43	11.59	95.21	14.74	≤ 17.00
11n-HT20	MCS0	48	5240	12.34	12.81	95.21	15.80	≤ 17.00
11n-HT20	MCS0	52	5260	6.90	7.15	95.21	10.25	≤ 10.49
11n-HT20	MCS0	60	5300	6.83	7.07	95.21	10.17	≤ 10.49
11n-HT20	MCS0	64	5320	7.17	7.12	95.21	10.37	≤ 10.49
11n-HT20	MCS0	100	5500	6.74	6.90	95.21	10.04	≤ 10.49
11n-HT20	MCS0	116	5580	7.18	7.06	95.21	10.34	≤ 10.49
11n-HT20	MCS0	140	5700	7.20	6.97	95.21	10.31	≤ 10.49
11n-HT20	MCS0	144	5720	7.23	6.84	95.21	10.26	≤ 10.49
11n-HT40	MCS0	38	5190	4.28	4.22	90.90	7.67	≤ 17.00
11n-HT40	MCS0	46	5230	11.60	11.56	90.90	15.00	≤ 17.00
11n-HT40	MCS0	54	5270	5.79	6.02	90.90	9.33	≤ 10.49
11n-HT40	MCS0	62	5310	1.59	1.97	90.90	5.21	≤ 10.49
11n-HT40	MCS0	102	5510	3.01	3.10	90.90	6.48	≤ 10.49
11n-HT40	MCS0	110	5550	6.89	6.43	90.90	10.09	≤ 10.49
11n-HT40	MCS0	134	5670	7.10	6.91	90.90	10.43	≤ 10.49
11n-HT40	MCS0	142	5710	6.97	6.76	90.90	10.29	≤ 10.49

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
				Ant 0	Ant 1			
For NII-1/-2a/-2c Bands:								
11ac-VHT20	MCS0	36	5180	10.64	10.72	91.19	14.09	≤ 17.00
11ac-VHT20	MCS0	44	5220	11.79	11.92	91.19	15.27	≤ 17.00
11ac-VHT20	MCS0	48	5240	11.49	11.25	91.19	14.78	≤ 17.00
11ac-VHT20	MCS0	52	5260	6.95	6.88	91.19	10.33	≤ 10.49
11ac-VHT20	MCS0	60	5300	6.86	6.94	91.19	10.31	≤ 10.49
11ac-VHT20	MCS0	64	5320	7.02	6.97	91.19	10.41	≤ 10.49
11ac-VHT20	MCS0	100	5500	6.57	6.52	91.19	9.96	≤ 10.49
11ac-VHT20	MCS0	116	5580	6.99	6.76	91.19	10.29	≤ 10.49
11ac-VHT20	MCS0	140	5700	7.34	6.76	91.19	10.47	≤ 10.49
11ac-VHT20	MCS0	144	5720	7.21	6.76	91.19	10.40	≤ 10.49
11ac-VHT40	MCS0	38	5190	6.85	6.66	84.95	10.47	≤ 17.00
11ac-VHT40	MCS0	46	5230	10.99	11.33	84.95	14.88	≤ 17.00
11ac-VHT40	MCS0	54	5270	6.75	6.61	84.95	10.40	≤ 10.49
11ac-VHT40	MCS0	62	5310	2.53	2.90	84.95	6.44	≤ 10.49
11ac-VHT40	MCS0	102	5510	3.98	3.53	84.95	7.48	≤ 10.49
11ac-VHT40	MCS0	110	5550	6.52	6.54	84.95	10.25	≤ 10.49
11ac-VHT40	MCS0	134	5670	6.83	6.33	84.95	10.31	≤ 10.49
11ac-VHT40	MCS0	142	5710	6.76	6.29	84.95	10.25	≤ 10.49
11ac-VHT80	MCS0	42	5210	-2.94	-2.49	75.40	1.53	≤ 17.00
11ac-VHT80	MCS0	58	5290	-4.87	-4.97	75.40	-0.68	≤ 10.49
11ac-VHT80	MCS0	106	5530	-1.71	-2.19	75.40	2.29	≤ 10.49
11ac-VHT80	MCS0	122	5610	3.54	3.05	75.40	7.54	≤ 10.49
11ac-VHT80	MCS0	138	5690	2.40	2.63	75.40	6.75	≤ 10.49

Note 1: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = 10*Log(10^(Ant 0 PSD (dBm/MHz)/10) +10^(Ant 1 PSD (dBm/MHz)/10))+10*log (1/Duty cycle).

Note 2: For 5250 - 5350MHz & 5470 - 5725MHz Band:

PSD Limit (dBm/MHz) = 11 - (6.51 - 6) = 10.49 dBm/MHz.

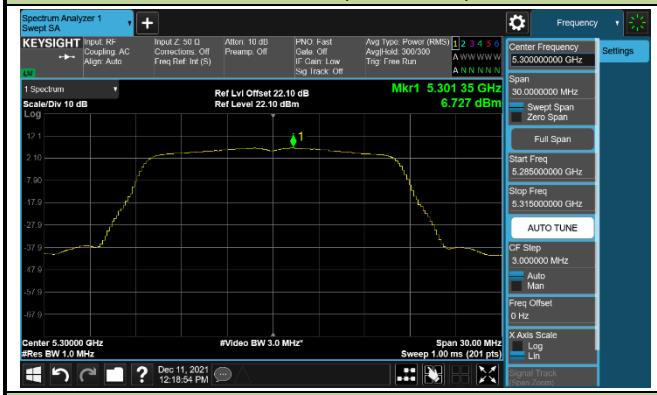
Note 3: The power spectral density of BF Mode was not tested because the PSD limits of CDD Mode are the same as those of BF Mode and the setting values of CDD Mode are higher than those of BF Mode.

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	PSD(dBm/510kHz)		Duty Cycle (%)	Total PSD (dBm/510kHz)	PSD Limit (dBm/500kHz)
				Ant 0	Ant 1			
For NII-3 Band:								
11a	6Mbps	149	5745	6.61	5.96	95.34	9.51	29.59
11a	6Mbps	157	5785	7.00	6.68	95.34	10.06	29.59
11a	6Mbps	165	5825	6.40	6.53	95.34	9.68	29.59
11n-HT20	MCS0	149	5745	7.01	6.40	95.21	9.94	29.59
11n-HT20	MCS0	157	5785	6.67	6.48	95.21	9.80	29.59
11n-HT20	MCS0	165	5825	6.87	6.66	95.21	9.99	29.59
11n-HT40	MCS0	151	5755	4.69	4.00	90.90	7.78	29.59
11n-HT40	MCS0	159	5795	4.14	3.69	90.90	7.35	29.59
11ac-VHT20	MCS0	149	5745	6.67	6.43	91.19	9.96	29.59
11ac-VHT20	MCS0	157	5785	6.54	6.18	91.19	9.77	29.59
11ac-VHT20	MCS0	165	5825	5.76	6.08	91.19	9.33	29.59
11ac-VHT40	MCS0	151	5755	5.12	4.55	84.95	8.56	29.59
11ac-VHT40	MCS0	159	5795	5.20	4.46	84.95	8.57	29.59
11ac-VHT80	MCS0	155	5775	0.80	0.06	75.40	4.68	29.59

Note: When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = 10*Log(10^(Ant 0 PSD (dBm/510kHz)/10) +10^(Ant 1 PSD (dBm/510kHz)/10)) +10*log (1/Duty cycle).

Note 2: For 5725 - 5850MHz Band: PSD Limit (dBm/MHz) = 30 - (6.41 - 6) = 29.59 dBm/MHz.

Note 3: The power spectral density of BF Mode was not tested because the PSD limits of CDD Mode are the same as those of BF Mode and the setting values of CDD Mode are higher than those of BF Mode.

802.11a Power Spectral Density – Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 64 (5580MHz)
	

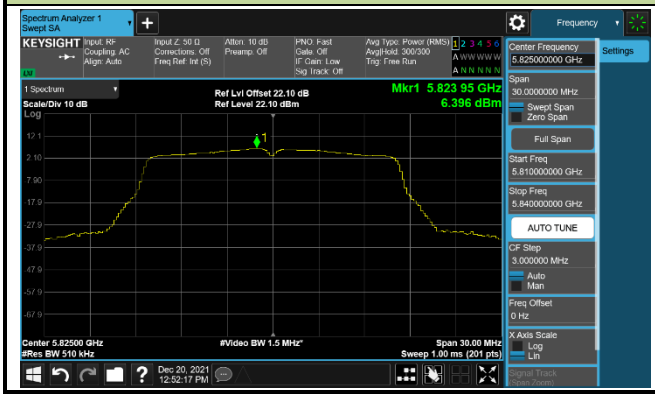
Channel 140 (5700MHz)

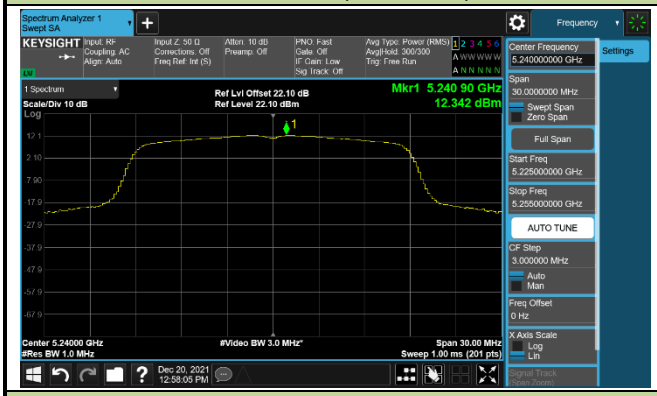
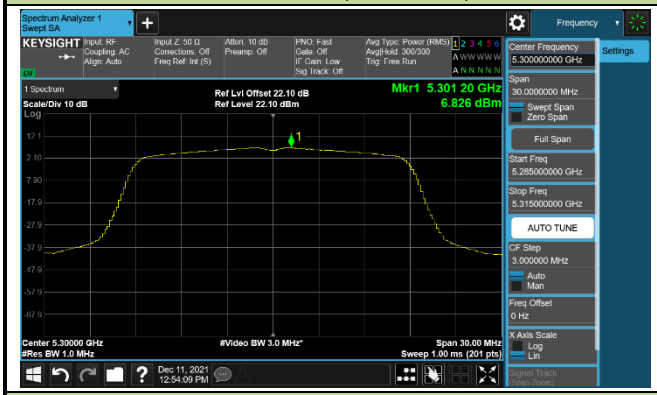
Channel 144 (5720MHz)

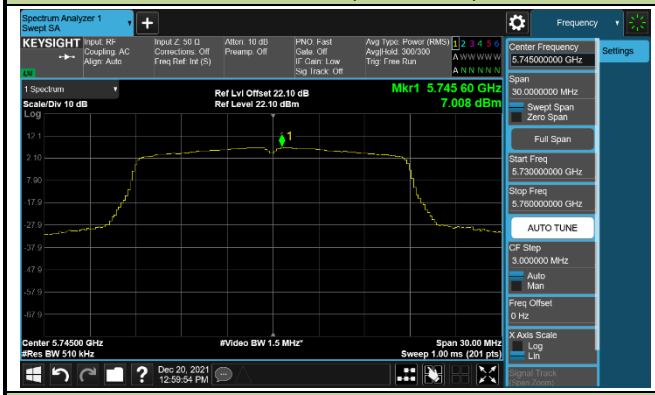
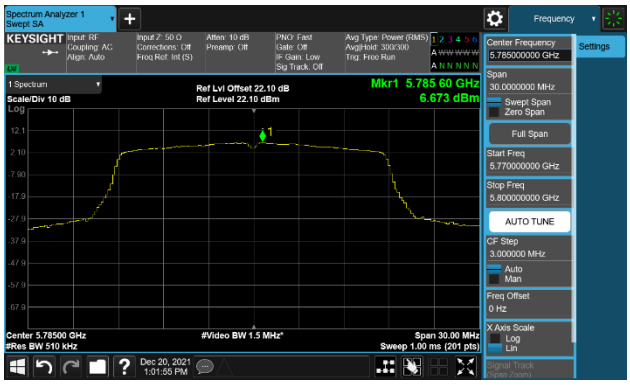
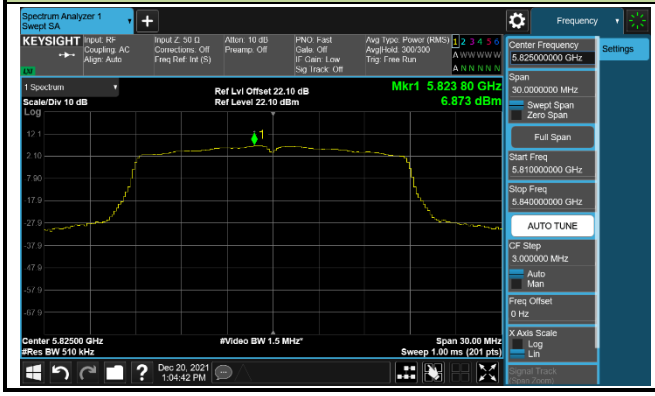
Channel 149 (5745MHz)

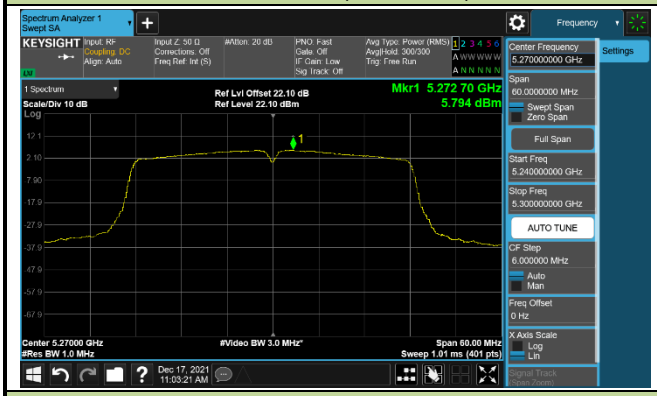
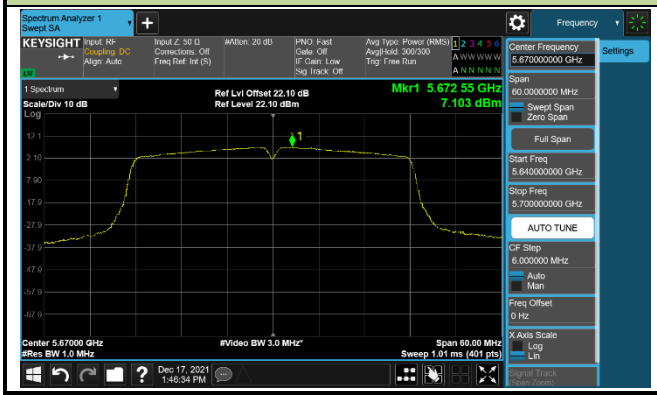
Channel 157 (5785MHz)

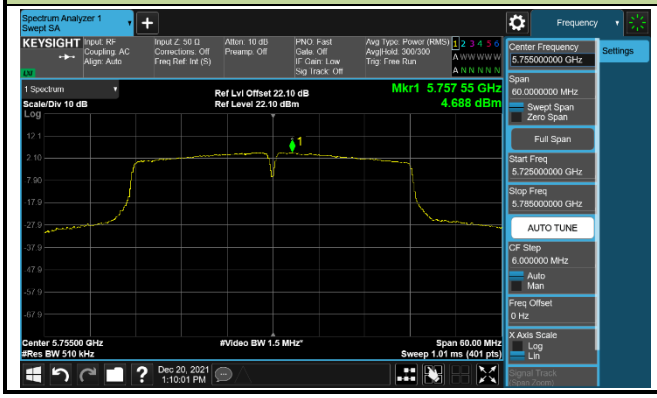
Channel 165 (5825MHz)

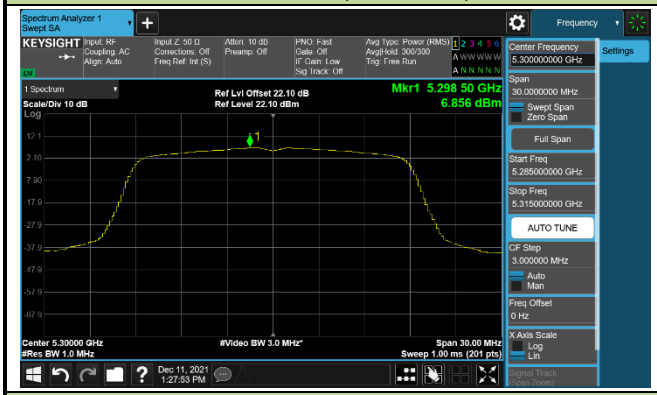
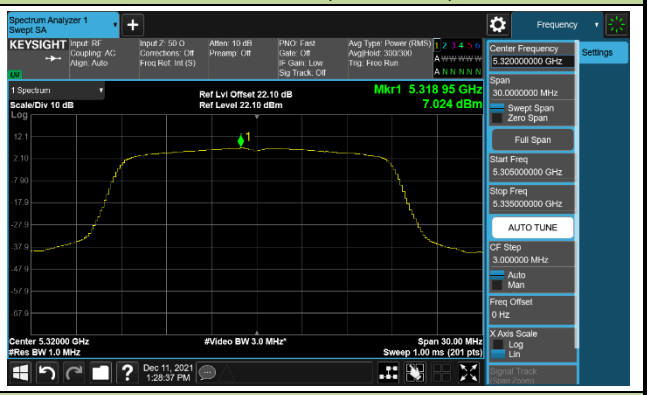
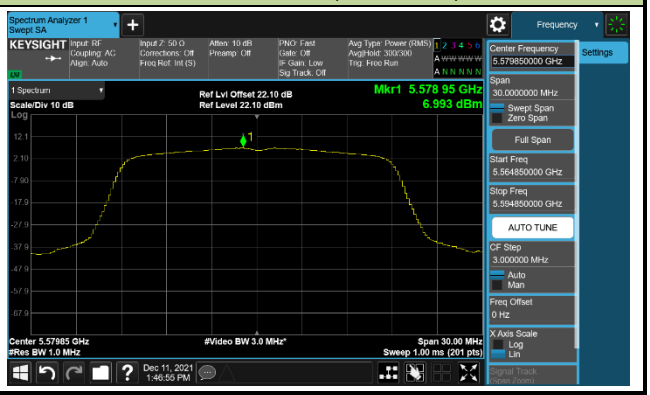


802.11n-HT20 Power Spectral Density – Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

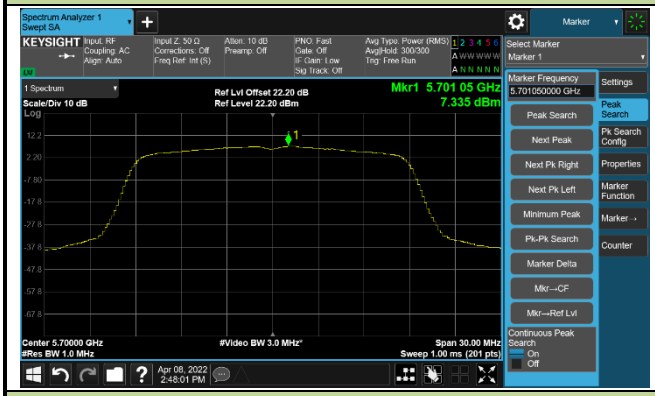
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	
Channel 165 (5825MHz)	
	

802.11n-HT40 Power Spectral Density – Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

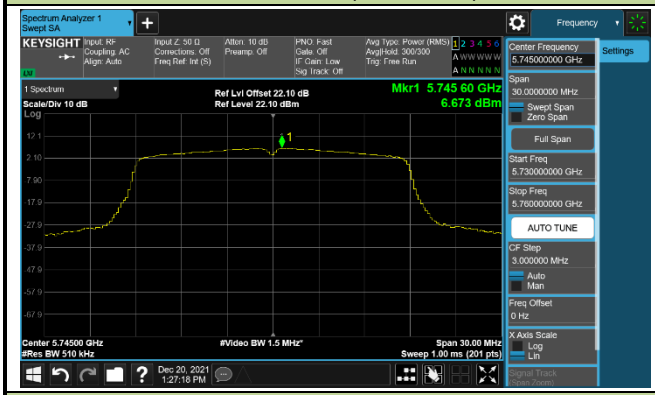
802.11ac-VHT20 Power Spectral Density – Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

Channel 140 (5700MHz)



Channel 144 (5720MHz)

Channel 149 (5745MHz)



Channel 157 (5785MHz)

Channel 165 (5825MHz)