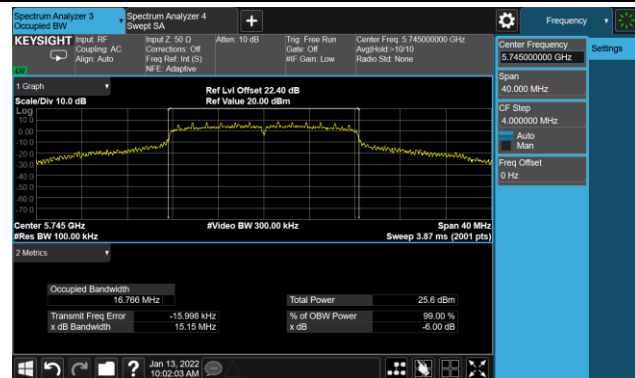
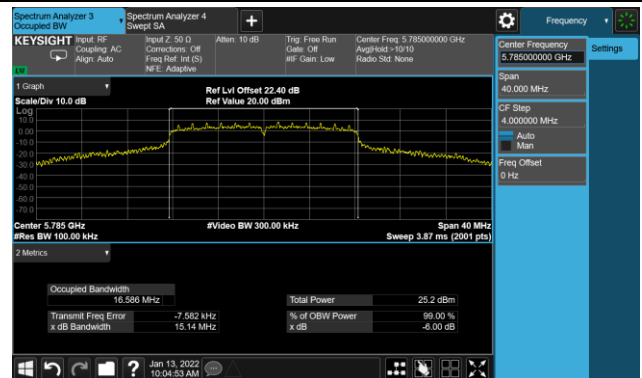


802.11a 6dB Bandwidth

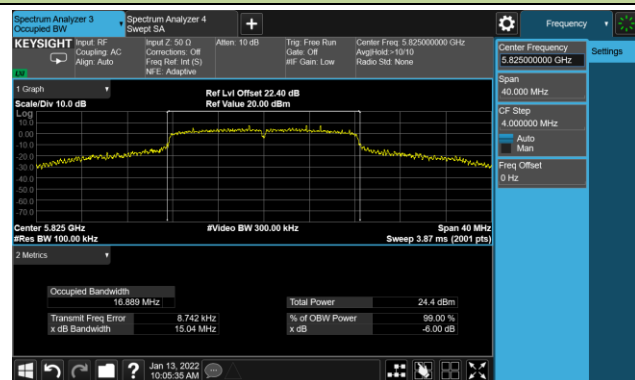
Channel 149 (5745MHz)



Channel 157 (5785MHz)

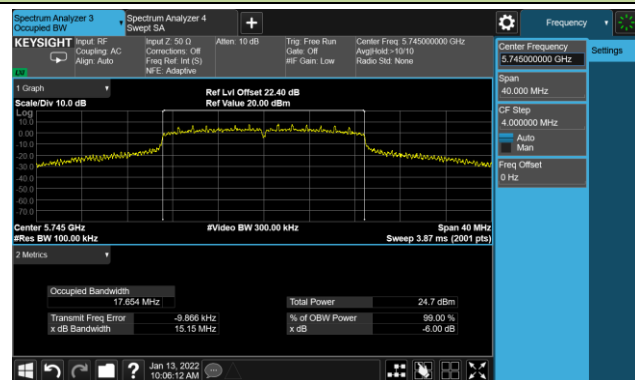


Channel 165 (5825MHz)

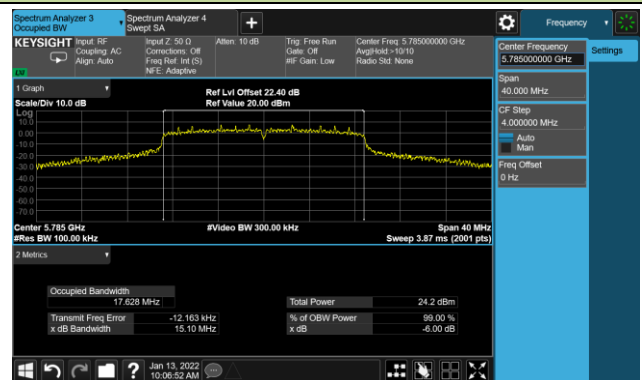


802.11ac-VHT20 6dB Bandwidth

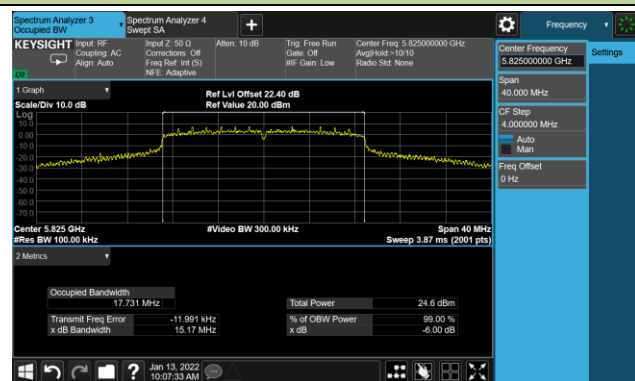
Channel 149 (5745MHz)



Channel 157 (5785MHz)

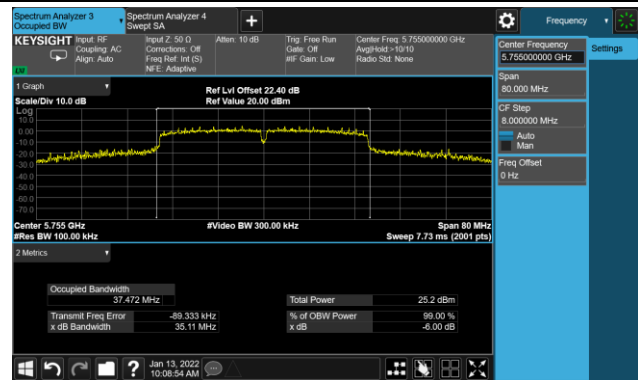


Channel 165 (5825MHz)

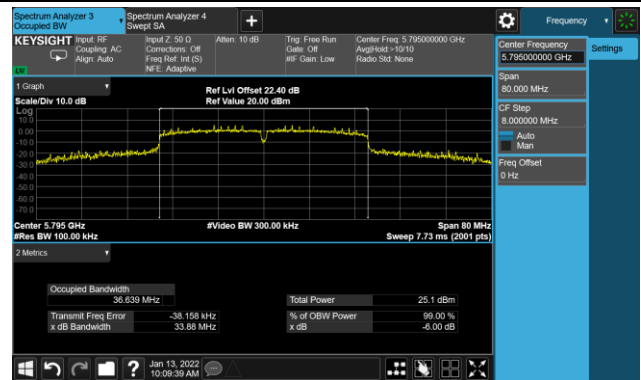


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

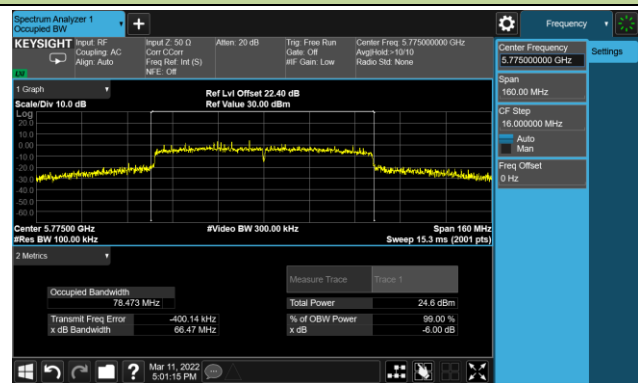


Channel 159 (5795MHz)



802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

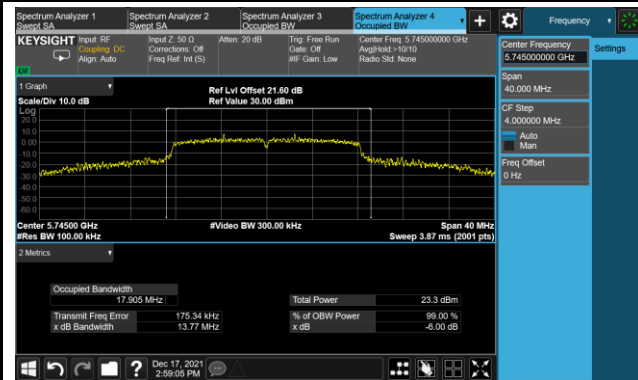


Radio 3 Test Data			
Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2021/12/17		

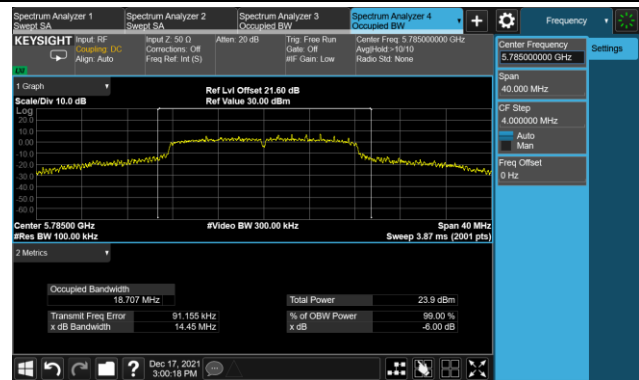
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	6Mbps	149	5745	13.77	≥ 0.5	Pass
802.11a	6Mbps	157	5785	14.45	≥ 0.5	Pass
802.11a	6Mbps	165	5825	16.08	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	12.88	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	17.58	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	16.14	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	32.26	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	33.45	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	68.87	≥ 0.5	Pass

802.11a 6dB Bandwidth

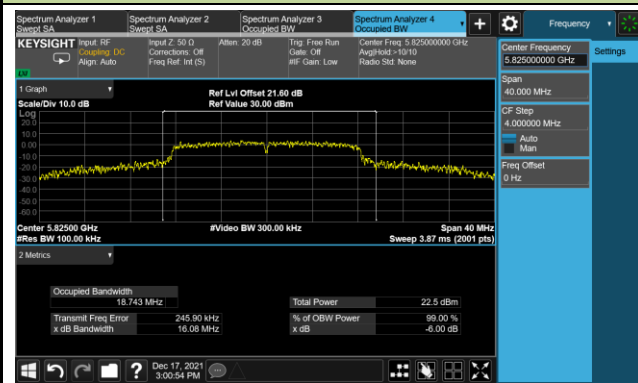
Channel 149 (5745MHz)



Channel 157 (5785MHz)

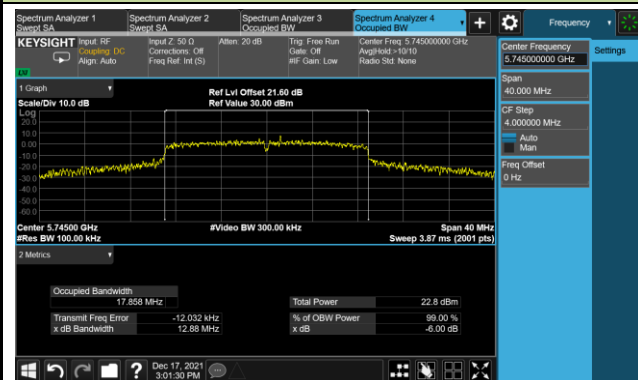


Channel 165 (5825MHz)

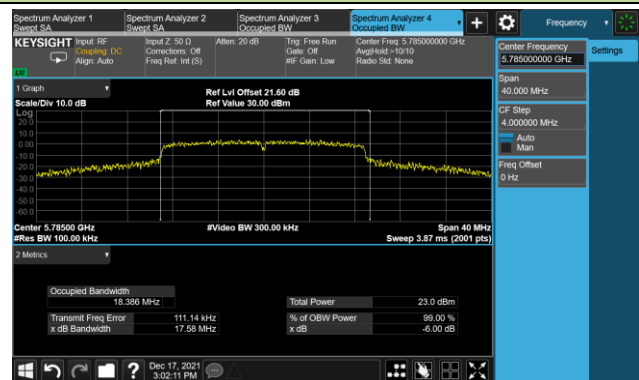


802.11ac-VHT20 6dB Bandwidth

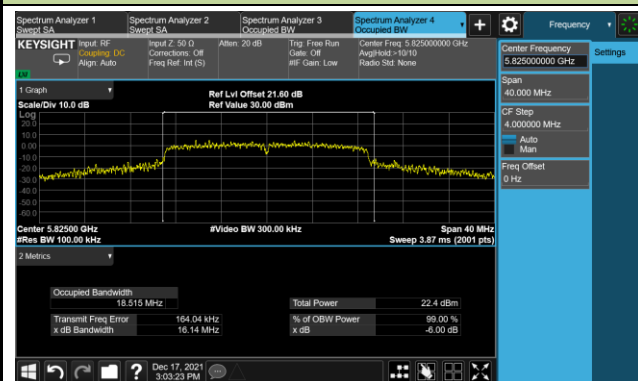
Channel 149 (5745MHz)



Channel 157 (5785MHz)

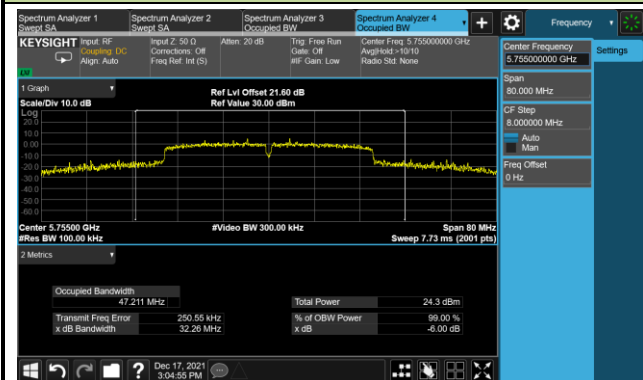


Channel 165 (5825MHz)

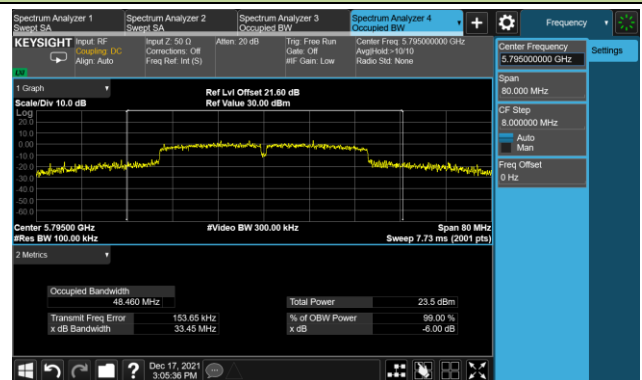


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

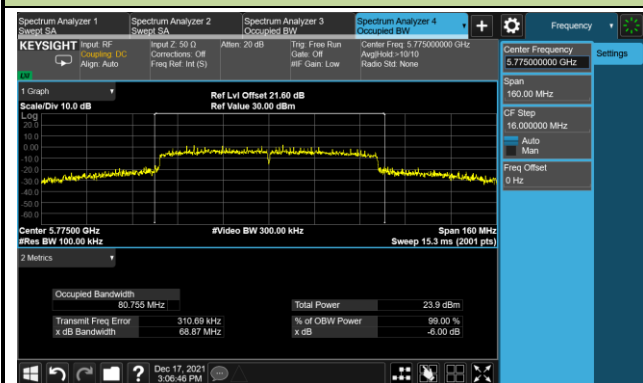


Channel 159 (5795MHz)



802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)



A.4 Output Power Test Result

Radio 2 Test Data

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	Average Power (dBm)
802.11a	20	36	5180	6Mbps	18.92
				24Mbps	18.76
				54Mbps	18.59
802.11ac	20	36	5180	MCS0	18.78
				MCS4	18.65
				MCS7	18.46
802.11ac	40	38	5190	MCS0	14.57
				MCS4	14.35
				MCS7	14.22
802.11ac	80	42	5210	MCS0	13.23
				MCS5	13.12
				MCS9	13.03

Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2021/12/04 ~ 2022/03/16		

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Average Power Limit (dBm)
11a	6Mbps	36	5180	18.92	≤ 23.98
11a	6Mbps	44	5220	18.89	≤ 23.98
11a	6Mbps	48	5240	18.81	≤ 23.98
11a	6Mbps	52	5260	18.82	≤ 23.98
11a	6Mbps	60	5300	18.91	≤ 23.98
11a	6Mbps	64	5320	18.76	≤ 23.98
11a	6Mbps	100	5500	18.57	≤ 23.98
11a	6Mbps	116	5580	18.60	≤ 23.98
11a	6Mbps	120	5600	18.61	≤ 23.98
11a	6Mbps	140	5700	18.76	≤ 23.98
11a	6Mbps	144	5720	18.80	≤ 23.98
11a	6Mbps	149	5745	18.02	≤ 30.00
11a	6Mbps	157	5785	17.70	≤ 30.00
11a	6Mbps	165	5825	17.62	≤ 30.00
11ac-VHT20	MCS0	36	5180	18.78	≤ 23.98
11ac-VHT20	MCS0	44	5220	18.76	≤ 23.98
11ac-VHT20	MCS0	48	5240	18.70	≤ 23.98
11ac-VHT20	MCS0	52	5260	18.60	≤ 23.98
11ac-VHT20	MCS0	60	5300	18.71	≤ 23.98
11ac-VHT20	MCS0	64	5320	18.58	≤ 23.98
11ac-VHT20	MCS0	100	5500	18.39	≤ 23.98
11ac-VHT20	MCS0	116	5580	18.56	≤ 23.98
11ac-VHT20	MCS0	120	5600	18.43	≤ 23.98
11ac-VHT20	MCS0	140	5700	18.65	≤ 23.98
11ac-VHT20	MCS0	144	5720	18.64	≤ 23.98
11ac-VHT20	MCS0	149	5745	17.80	≤ 30.00
11ac-VHT20	MCS0	157	5785	17.52	≤ 30.00
11ac-VHT20	MCS0	165	5825	17.43	≤ 30.00

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Average Power (dBm)	Average Power Limit (dBm)
11ac-VHT40	MCS0	38	5190	14.57	≤ 23.98
11ac-VHT40	MCS0	46	5230	19.33	≤ 23.98
11ac-VHT40	MCS0	54	5270	19.11	≤ 23.98
11ac-VHT40	MCS0	62	5310	16.67	≤ 23.98
11ac-VHT40	MCS0	102	5510	16.47	≤ 23.98
11ac-VHT40	MCS0	110	5550	19.04	≤ 23.98
11ac-VHT40	MCS0	118	5590	19.08	≤ 23.98
11ac-VHT40	MCS0	134	5670	18.49	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.40	≤ 23.98
11ac-VHT40	MCS0	151	5755	18.32	≤ 30.00
11ac-VHT40	MCS0	159	5795	17.89	≤ 30.00
11ac-VHT80	MCS0	42	5210	13.23	≤ 23.98
11ac-VHT80	MCS0	58	5290	14.11	≤ 23.98
11ac-VHT80	MCS0	106	5530	14.52	≤ 23.98
11ac-VHT80	MCS0	122	5610	19.17	≤ 23.98
11ac-VHT80	MCS0	138	5690	19.05	≤ 23.98
11ac-VHT80	MCS0	155	5775	19.25	≤ 30.00

Radio 3 Test Data

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	Average Power (dBm)
802.11a	20	36	5180	6Mbps	20.24
				24Mbps	20.04
				54Mbps	19.81
802.11ac	20	36	5180	MCS0	19.94
				MCS4	19.71
				MCS7	19.52
802.11ac	40	38	5190	MCS0	16.32
				MCS4	16.13
				MCS7	16.04
802.11ac	80	42	5210	MCS0	15.21
				MCS5	15.02
				MCS9	14.88

Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2022/01/14 ~ 2022/03/16		

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Average Power Limit (dBm)
11a	6Mbps	36	5180	20.24	≤ 23.98
11a	6Mbps	44	5220	20.30	≤ 23.98
11a	6Mbps	48	5240	20.24	≤ 23.98
11a	6Mbps	149	5745	20.30	≤ 30.00
11a	6Mbps	157	5785	20.13	≤ 30.00
11a	6Mbps	165	5825	20.02	≤ 30.00
11ac-VHT20	MCS0	36	5180	19.94	≤ 23.98
11ac-VHT20	MCS0	44	5220	20.07	≤ 23.98
11ac-VHT20	MCS0	48	5240	20.03	≤ 23.98
11ac-VHT20	MCS0	149	5745	20.14	≤ 30.00
11ac-VHT20	MCS0	157	5785	19.99	≤ 30.00
11ac-VHT20	MCS0	165	5825	19.81	≤ 30.00
11ac-VHT40	MCS0	38	5190	16.32	≤ 23.98
11ac-VHT40	MCS0	46	5230	20.51	≤ 23.98
11ac-VHT40	MCS0	151	5755	20.17	≤ 30.00
11ac-VHT40	MCS0	159	5795	20.13	≤ 30.00
11ac-VHT80	MCS0	42	5210	15.21	≤ 23.98
11ac-VHT80	MCS0	155	5775	19.77	≤ 30.00

A.5 Power Spectral Density Test Result

Radio 2 Test Data			
Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2022/01/10 ~ 2022/03/16		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AV PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
For NII-1/-2a/-2c Bands:							
11a	6Mbps	36	5180	7.33	95.16	7.55	≤ 11.00
11a	6Mbps	44	5220	7.39	95.16	7.60	≤ 11.00
11a	6Mbps	48	5240	7.37	95.16	7.59	≤ 11.00
11a	6Mbps	52	5260	7.85	95.16	8.07	≤ 11.00
11a	6Mbps	60	5300	7.71	95.16	7.93	≤ 11.00
11a	6Mbps	64	5320	7.71	95.16	7.92	≤ 11.00
11a	6Mbps	100	5500	7.72	95.16	7.93	≤ 11.00
11a	6Mbps	116	5580	7.59	95.16	7.81	≤ 11.00
11a	6Mbps	120	5600	7.53	95.16	7.75	≤ 11.00
11a	6Mbps	140	5700	7.62	95.16	7.83	≤ 11.00
11a	6Mbps	144	5720	7.90	95.16	8.12	≤ 11.00
11ac-VHT20	MCS0	36	5180	7.06	94.85	7.29	≤ 11.00
11ac-VHT20	MCS0	44	5220	7.06	94.85	7.29	≤ 11.00
11ac-VHT20	MCS0	48	5240	7.06	94.85	7.29	≤ 11.00
11ac-VHT20	MCS0	52	5260	7.32	94.85	7.55	≤ 11.00
11ac-VHT20	MCS0	60	5300	7.32	94.85	7.55	≤ 11.00
11ac-VHT20	MCS0	64	5320	7.32	94.85	7.55	≤ 11.00
11ac-VHT20	MCS0	100	5500	7.41	94.85	7.64	≤ 11.00
11ac-VHT20	MCS0	116	5580	7.20	94.85	7.43	≤ 11.00
11ac-VHT20	MCS0	120	5600	7.13	94.85	7.36	≤ 11.00
11ac-VHT20	MCS0	140	5700	7.43	94.85	7.66	≤ 11.00
11ac-VHT20	MCS0	144	5720	7.33	94.85	7.56	≤ 11.00

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AV PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
For NII-1/-2a/-2c Bands:							
11ac-VHT40	MCS0	38	5190	1.01	89.94	1.47	≤ 11.00
11ac-VHT40	MCS0	46	5230	4.48	89.94	4.94	≤ 11.00
11ac-VHT40	MCS0	54	5270	4.67	89.94	5.13	≤ 11.00
11ac-VHT40	MCS0	62	5310	2.63	89.94	3.09	≤ 11.00
11ac-VHT40	MCS0	102	5510	2.28	89.94	2.74	≤ 11.00
11ac-VHT40	MCS0	110	5550	4.69	89.94	5.15	≤ 11.00
11ac-VHT40	MCS0	118	5590	4.27	89.94	4.73	≤ 11.00
11ac-VHT40	MCS0	134	5670	3.47	89.94	3.93	≤ 11.00
11ac-VHT40	MCS0	142	5710	3.66	89.94	4.12	≤ 11.00
11ac-VHT80	MCS0	42	5210	-4.49	81.45	-3.60	≤ 11.00
11ac-VHT80	MCS0	58	5290	-3.08	81.45	-2.19	≤ 11.00
11ac-VHT80	MCS0	106	5530	-2.53	81.45	-1.64	≤ 11.00
11ac-VHT80	MCS0	122	5610	0.81	81.45	1.70	≤ 11.00
11ac-VHT80	MCS0	138	5690	0.97	81.45	1.86	≤ 11.00

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

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = AV PSD (dBm/MHz).

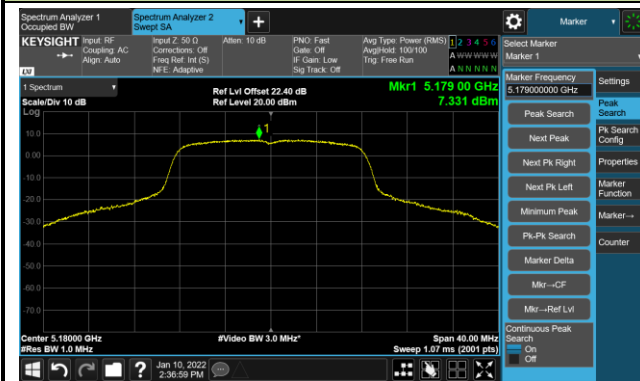
Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AV PSD (dBm/510kHz)	Duty Cycle (%)	Total AV PSD (dBm/510kHz)	PSD Limit (dBm/500kHz)
For NII-3 Band:							
11a	6Mbps	149	5745	3.94	95.16	4.16	≤ 30.00
11a	6Mbps	157	5785	3.56	95.16	3.78	≤ 30.00
11a	6Mbps	165	5825	3.75	95.16	3.96	≤ 30.00
11ac-VHT20	MCS0	149	5745	3.05	94.85	3.28	≤ 30.00
11ac-VHT20	MCS0	157	5785	3.36	94.85	3.59	≤ 30.00
11ac-VHT20	MCS0	165	5825	3.19	94.85	3.42	≤ 30.00
11ac-VHT40	MCS0	151	5755	0.15	89.94	0.61	≤ 30.00
11ac-VHT40	MCS0	159	5795	0.20	89.94	0.66	≤ 30.00
11ac-VHT80	MCS0	155	5775	-3.49	81.45	-2.60	≤ 30.00

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

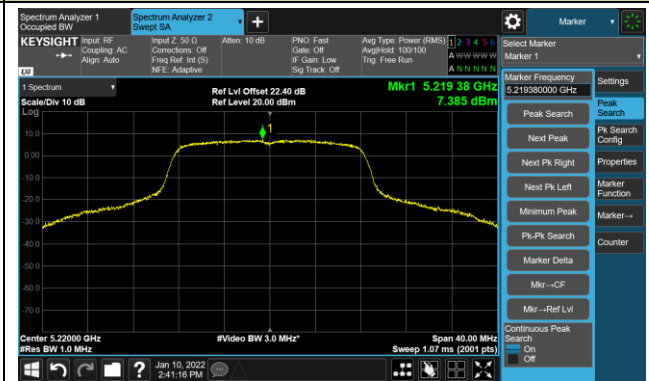
When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = AV PSD (dBm/510kHz).

802.11a Power Spectral Density

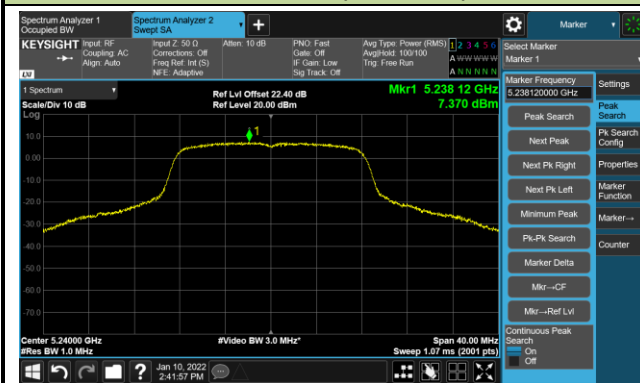
Channel 36 (5180MHz)



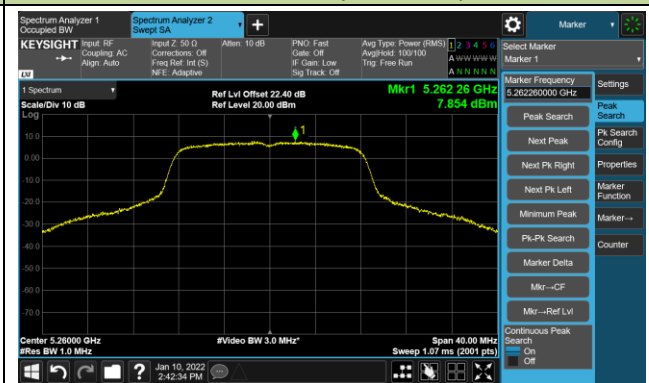
Channel 44 (5220MHz)



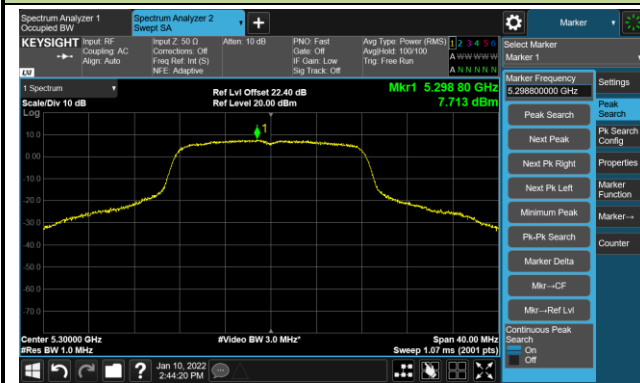
Channel 48 (5240MHz)



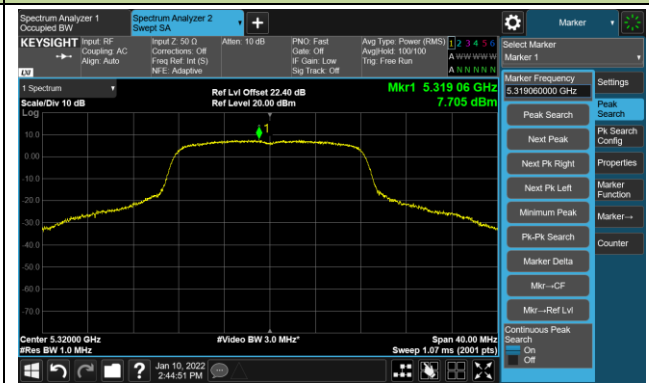
Channel 52 (5260MHz)



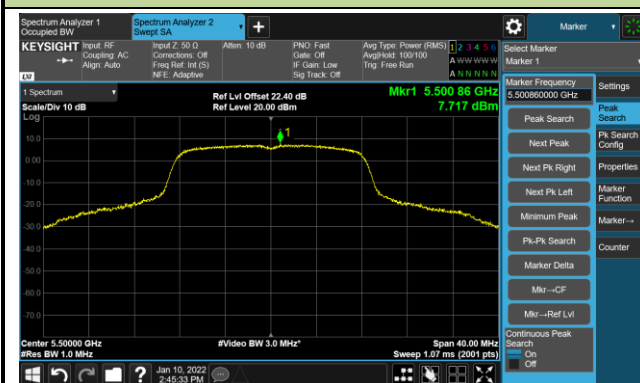
Channel 60 (5300MHz)



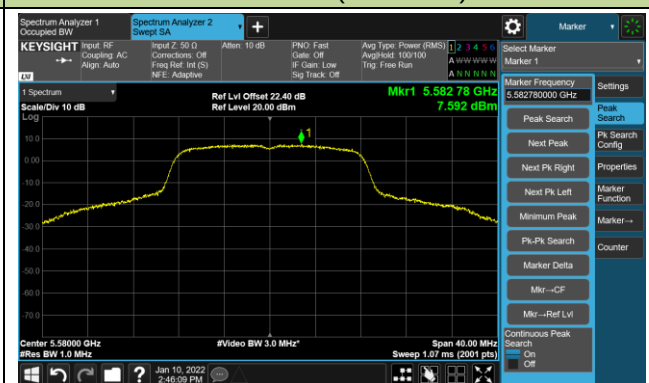
Channel 64 (5320MHz)



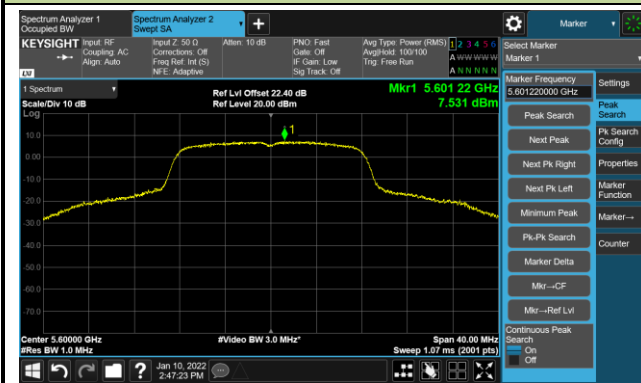
Channel 100 (5500MHz)



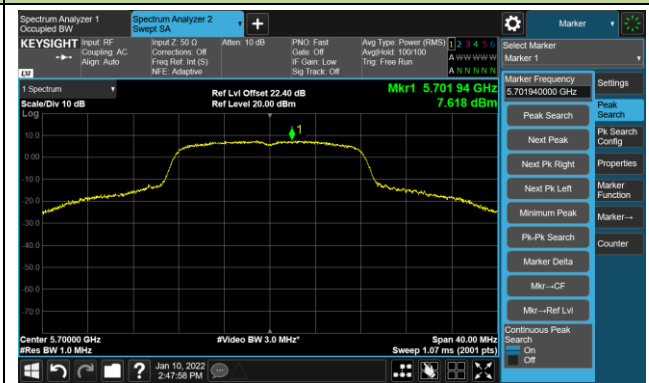
Channel 64 (5580MHz)



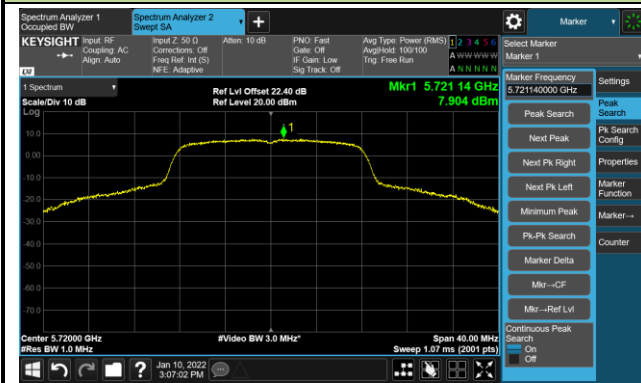
Channel 120 (5600MHz)



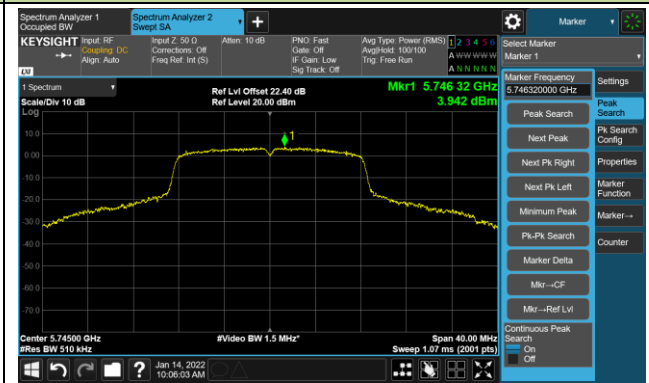
Channel 140 (5700MHz)



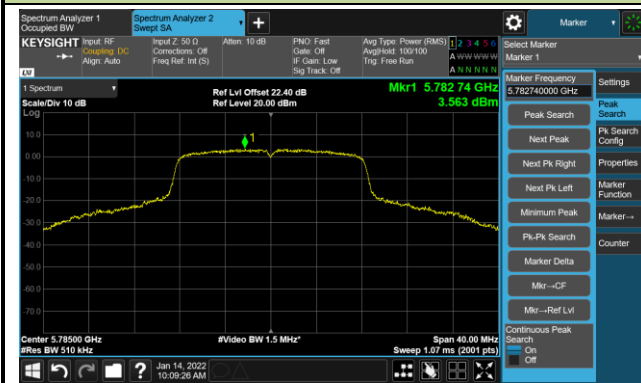
Channel 144 (5720MHz)



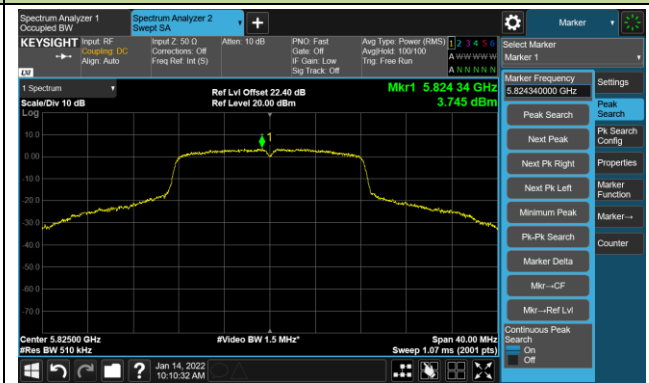
Channel 149 (5745MHz)



Channel 157 (5785MHz)

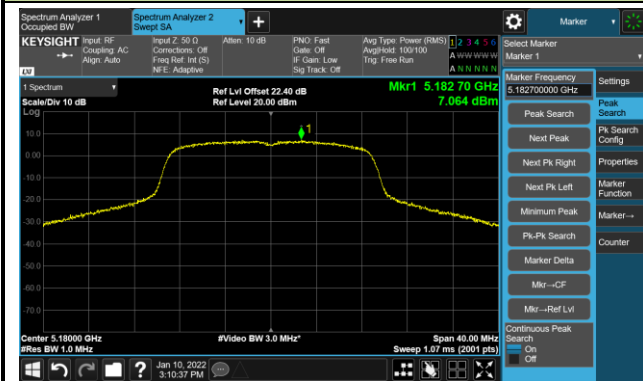


Channel 165 (5825MHz)

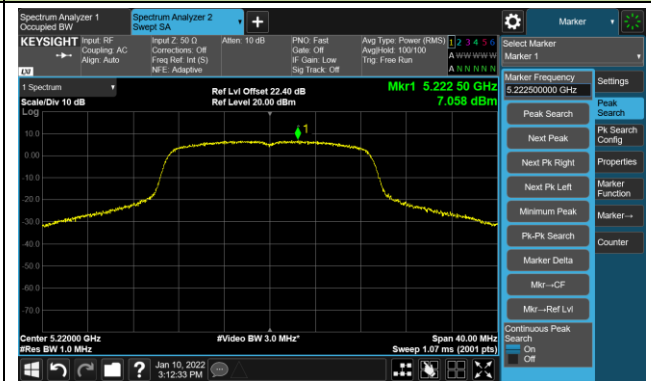


802.11ac-VHT20 Power Spectral Density

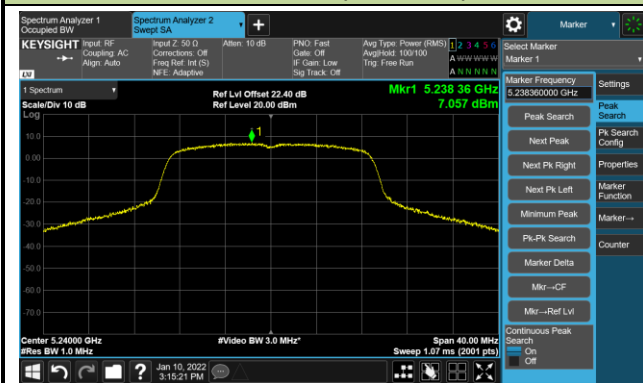
Channel 36 (5180MHz)



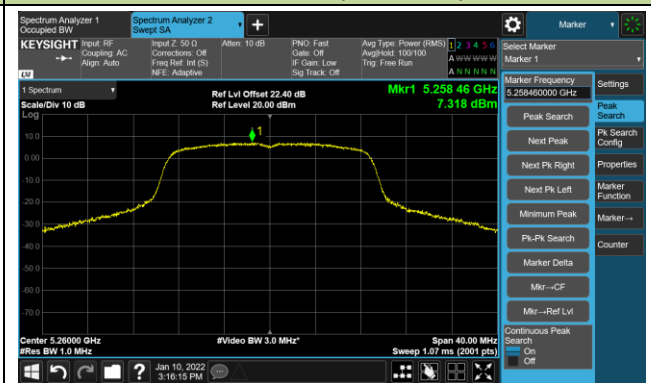
Channel 44 (5220MHz)



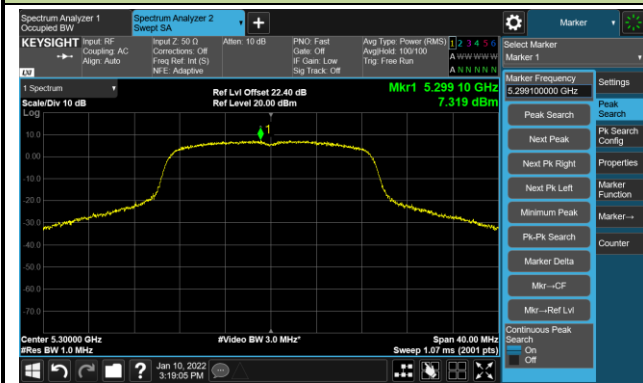
Channel 48 (5240MHz)



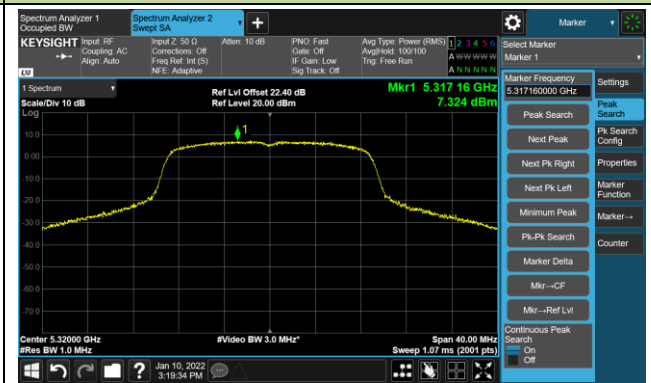
Channel 52 (5260MHz)



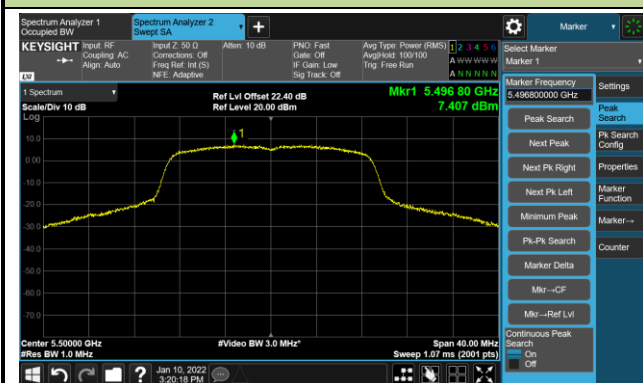
Channel 60 (5300MHz)



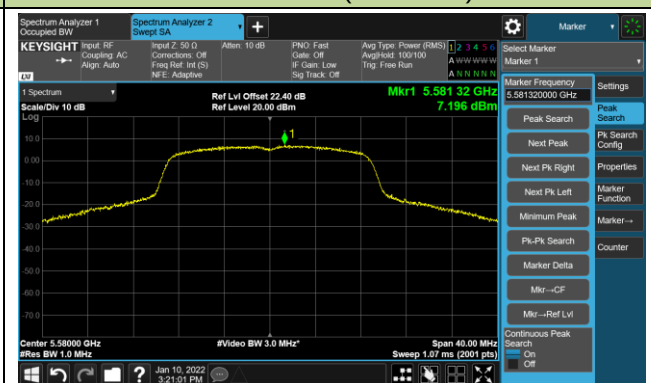
Channel 64 (5320MHz)



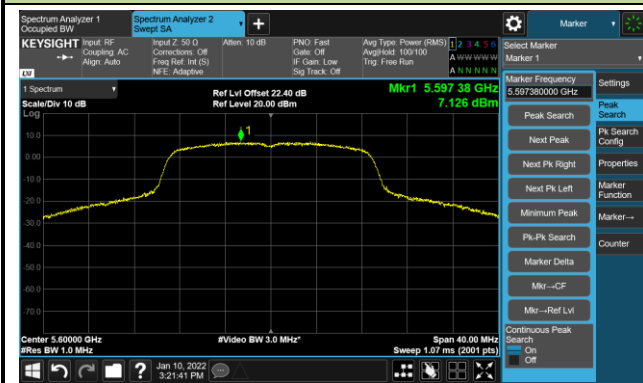
Channel 100 (5500MHz)



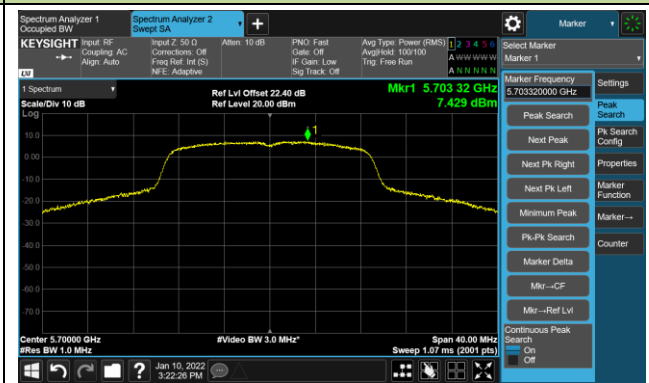
Channel 116 (5580MHz)



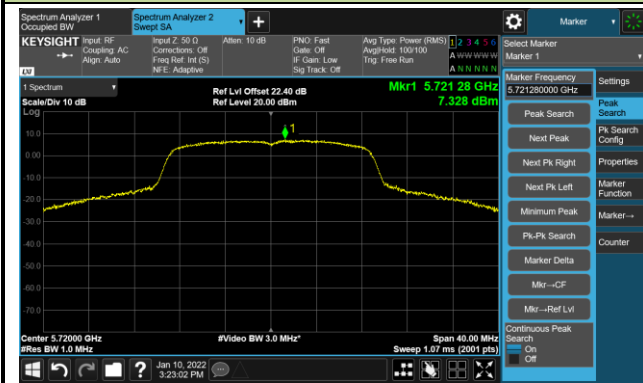
Channel 120 (5600MHz)



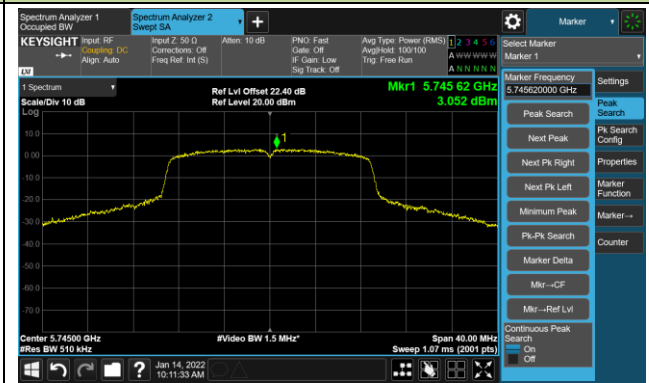
Channel 140 (5700MHz)



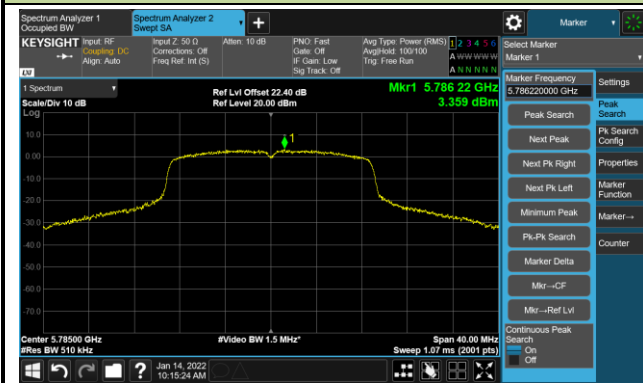
Channel 144 (5720MHz)



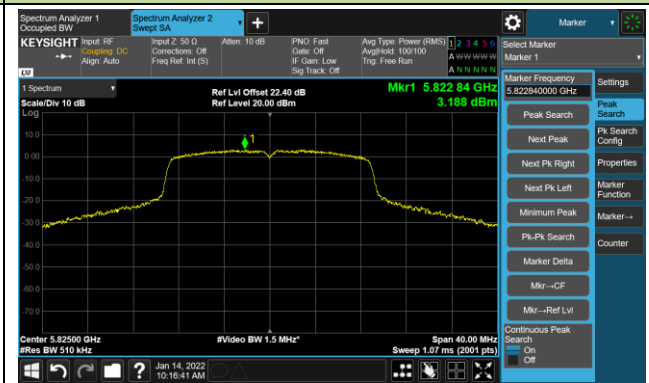
Channel 149 (5745MHz)



Channel 157 (5785MHz)

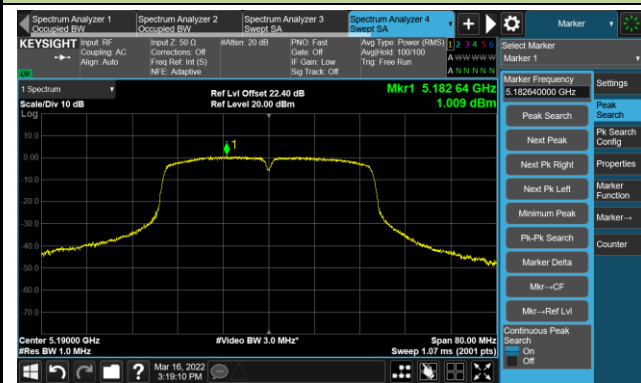


Channel 165 (5825MHz)

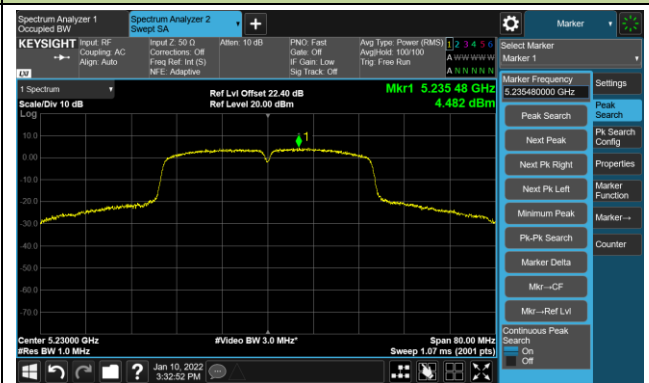


802.11ac-VHT40 Power Spectral Density

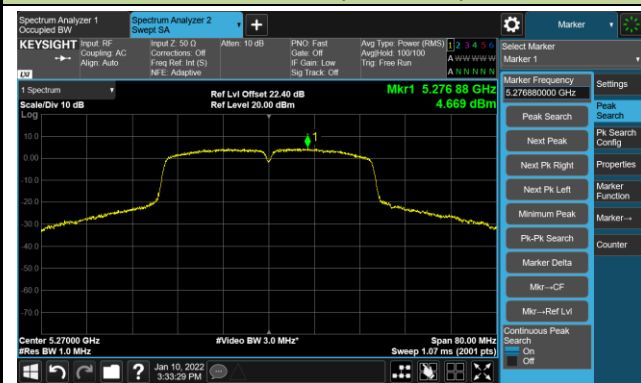
Channel 38 (5190MHz)



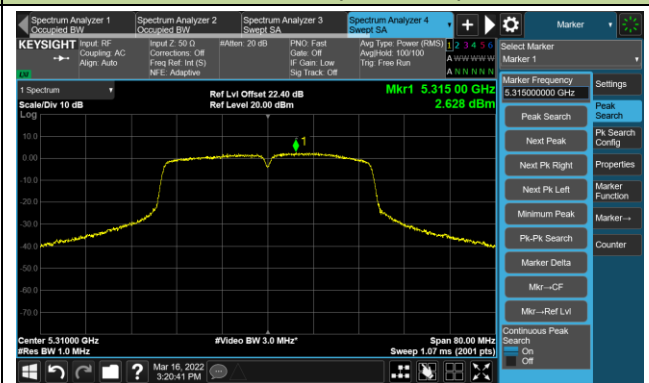
Channel 46 (5230MHz)



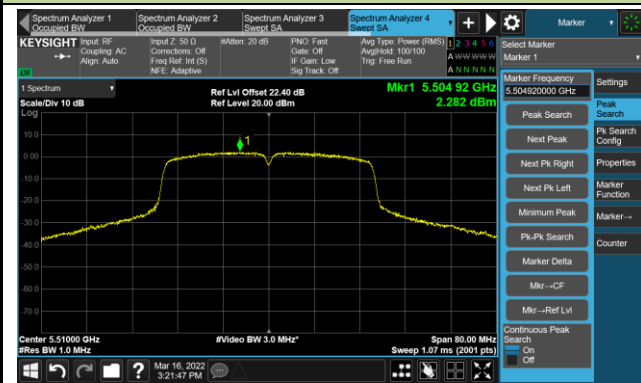
Channel 54 (5270MHz)



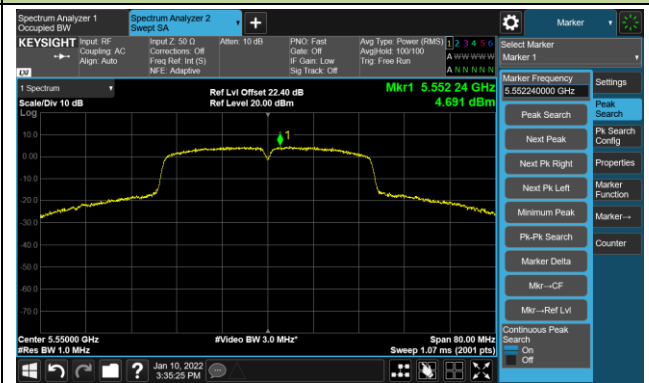
Channel 62 (5310MHz)



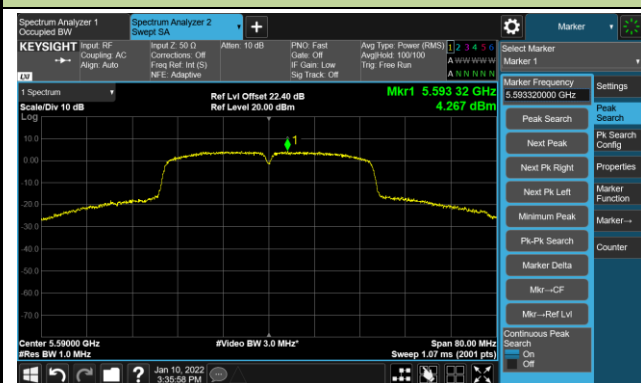
Channel 102 (5510MHz)



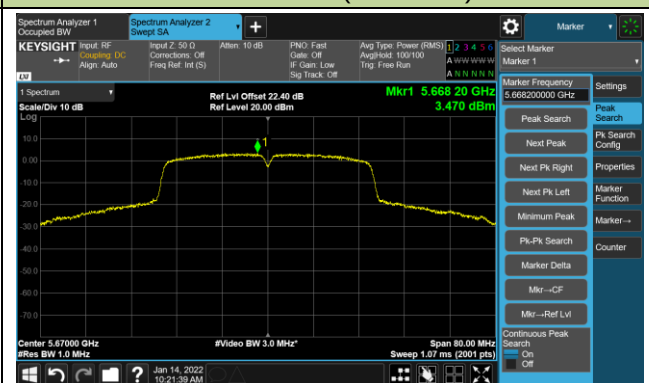
Channel 110 (5550MHz)



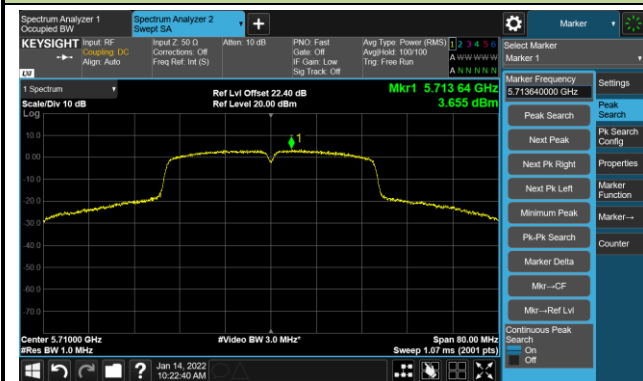
Channel 118 (5590MHz)



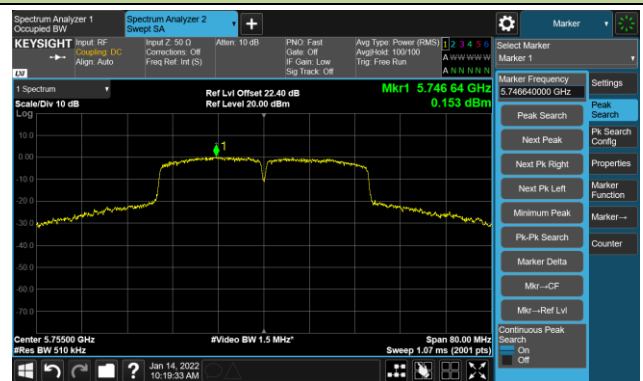
Channel 134 (5670MHz)



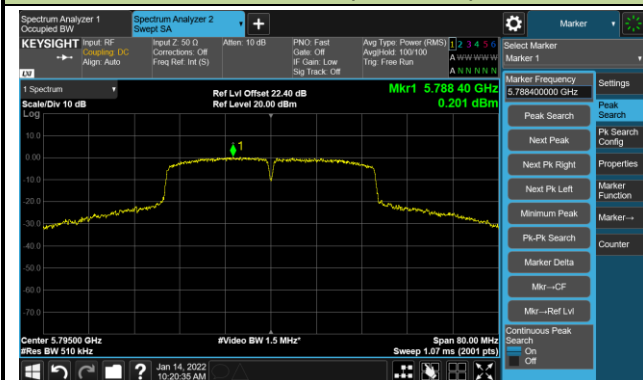
Channel 142 (5710MHz)



Channel 151 (5755MHz)

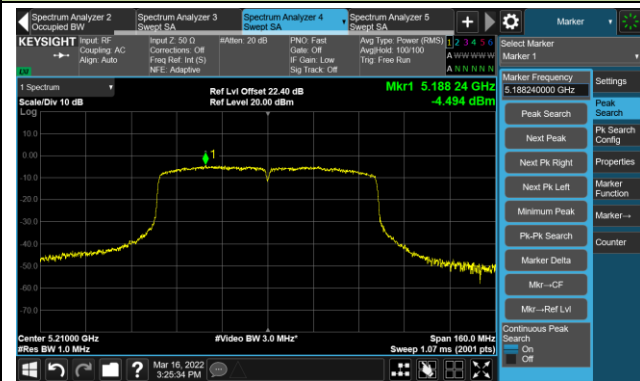


Channel 159 (5795MHz)

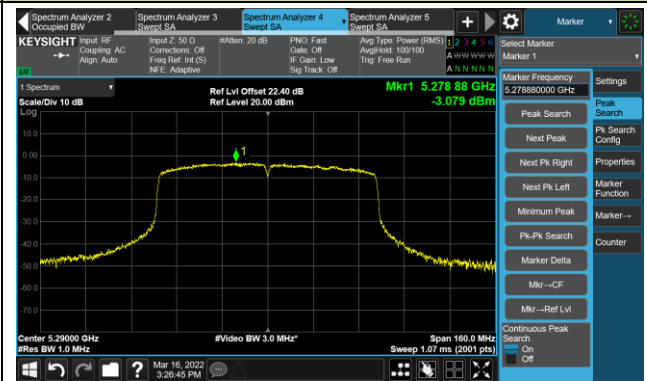


802.11ac-VHT80 Power Spectral Density

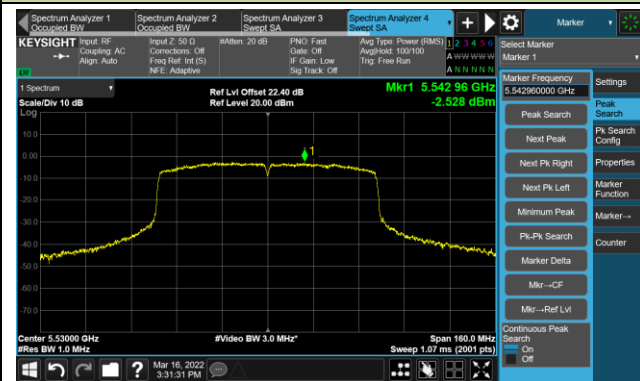
Channel 42 (5210MHz)



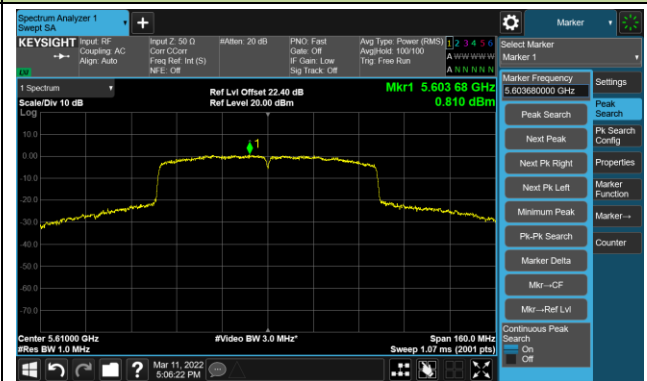
Channel 58 (5290MHz)



Channel 106 (5530MHz)



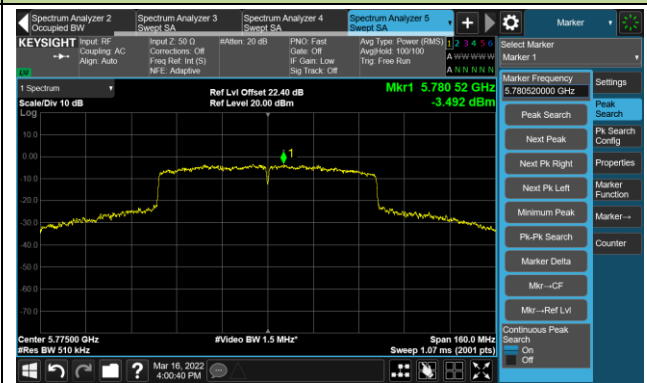
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



Radio 3 Test Data			
Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2021/12/19 ~ 2022/03/16		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AV PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
For NII-1 Band:							
11a	6Mbps	36	5180	7.83	95.24	8.04	≤ 11.00
11a	6Mbps	44	5220	7.87	95.24	8.08	≤ 11.00
11a	6Mbps	48	5240	8.54	95.24	8.75	≤ 11.00
11ac-VHT20	MCS0	36	5180	7.65	95.14	7.86	≤ 11.00
11ac-VHT20	MCS0	44	5220	7.96	95.14	8.18	≤ 11.00
11ac-VHT20	MCS0	48	5240	7.98	95.14	8.20	≤ 11.00
11ac-VHT40	MCS0	38	5190	-2.19	88.63	-1.67	≤ 11.00
11ac-VHT40	MCS0	46	5230	5.11	88.63	5.64	≤ 11.00
11ac-VHT80	MCS0	42	5210	-5.87	82.31	-5.02	≤ 11.00

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

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = AV PSD (dBm/MHz).

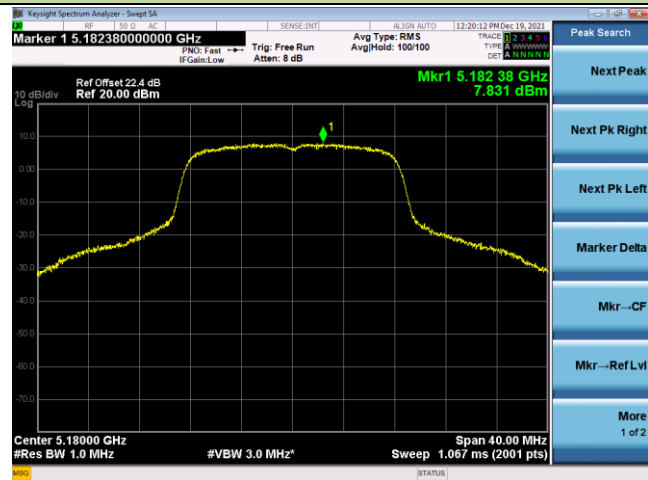
Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AV PSD (dBm/510kHz)	Duty Cycle (%)	Total PSD (dBm/510kHz)	PSD Limit (dBm/500kHz)
For NII-3 Band:							
11a	6Mbps	149	5745	5.64	95.24	5.85	≤ 30.00
11a	6Mbps	157	5785	5.69	95.24	5.90	≤ 30.00
11a	6Mbps	165	5825	5.84	95.24	6.05	≤ 30.00
11ac-VHT20	MCS0	149	5745	5.49	95.14	5.70	≤ 30.00
11ac-VHT20	MCS0	157	5785	5.25	95.14	5.47	≤ 30.00
11ac-VHT20	MCS0	165	5825	5.18	95.14	5.39	≤ 30.00
11ac-VHT40	MCS0	151	5755	2.58	88.63	3.10	≤ 30.00
11ac-VHT40	MCS0	159	5795	2.70	88.63	3.22	≤ 30.00
11ac-VHT80	MCS0	155	5775	-1.19	82.31	-0.34	≤ 30.00

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

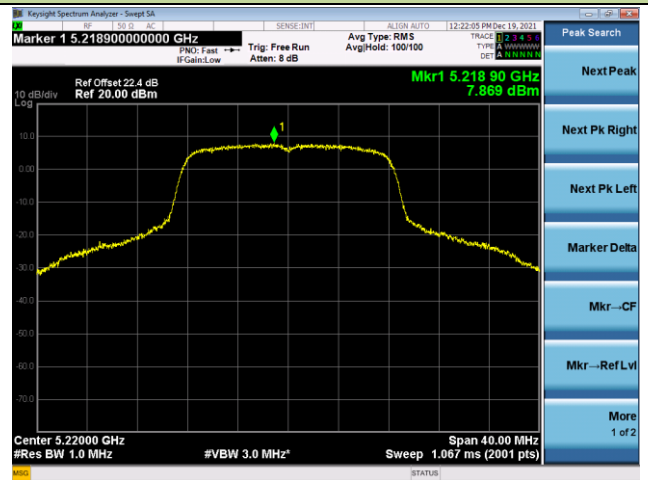
When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = AV PSD (dBm/510kHz).

802.11a Power Spectral Density

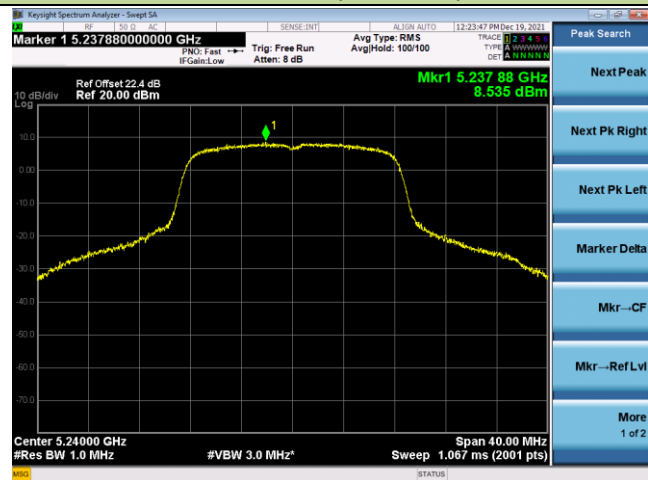
Channel 36 (5180MHz)



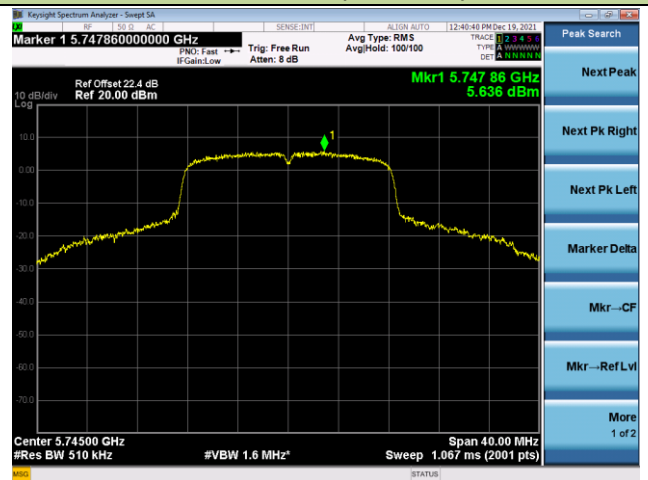
Channel 44 (5220MHz)



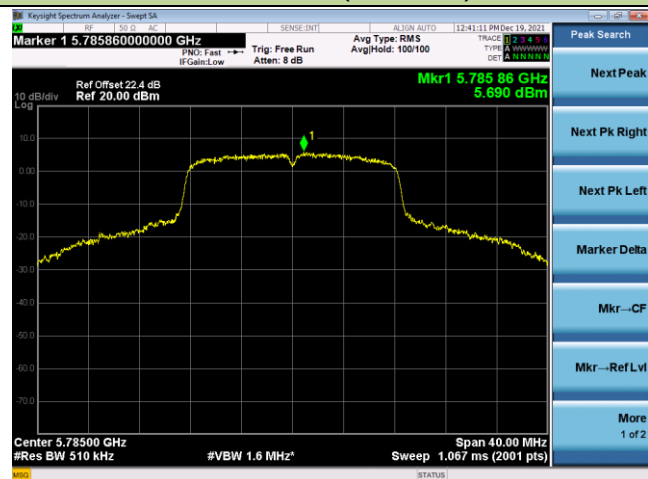
Channel 48 (5240MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

