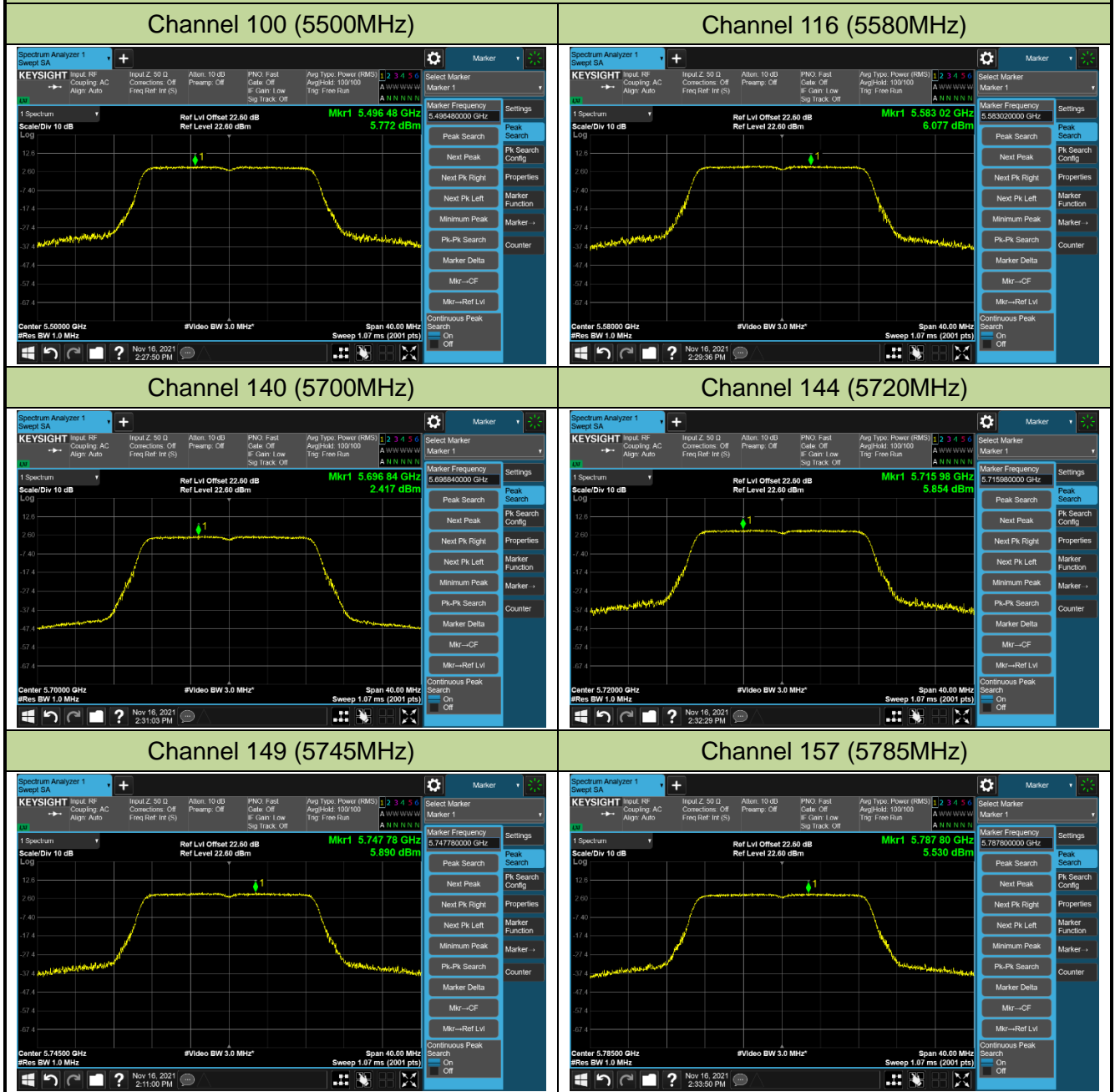
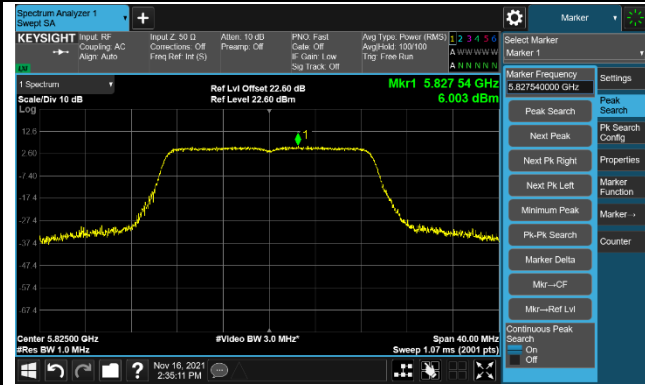


802.11ac-VHT20 Power Spectral Density – Ant 2



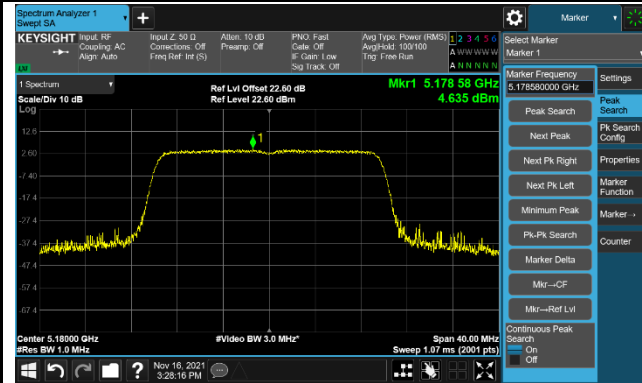
802.11ac-VHT20 Power Spectral Density – Ant 2

Channel 165 (5825MHz)

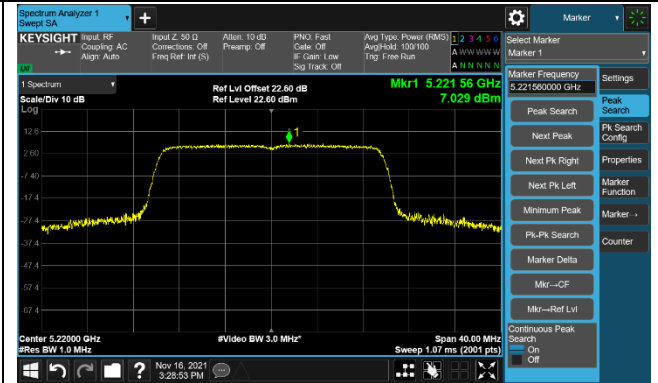


802.11ax-HE20 Power Spectral Density – Ant 2

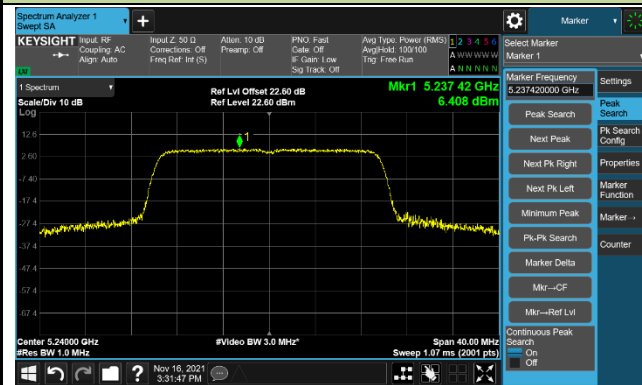
Channel 36 (5180MHz)



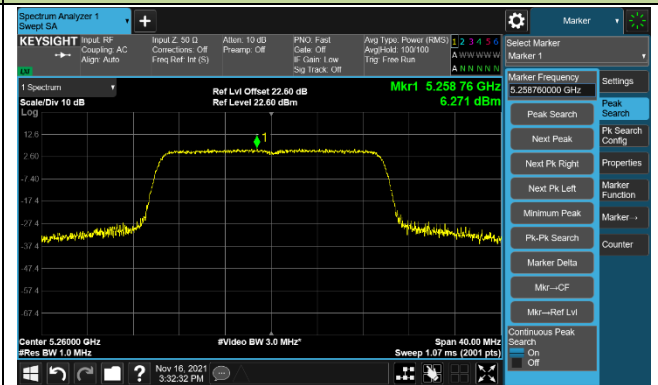
Channel 44 (5220MHz)



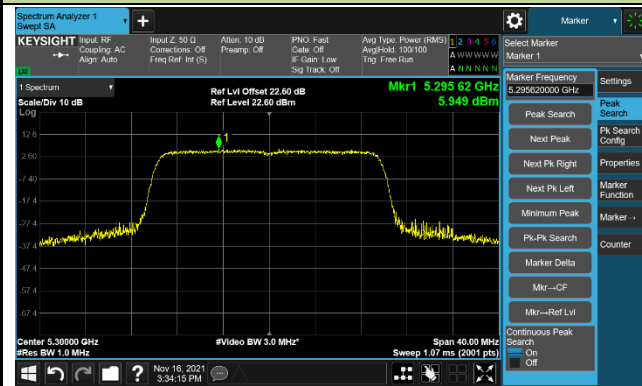
Channel 48 (5240MHz)



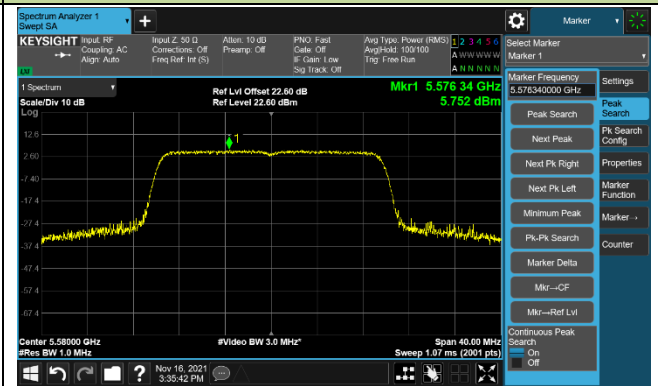
Channel 52 (5260MHz)



Channel 60 (5300MHz)

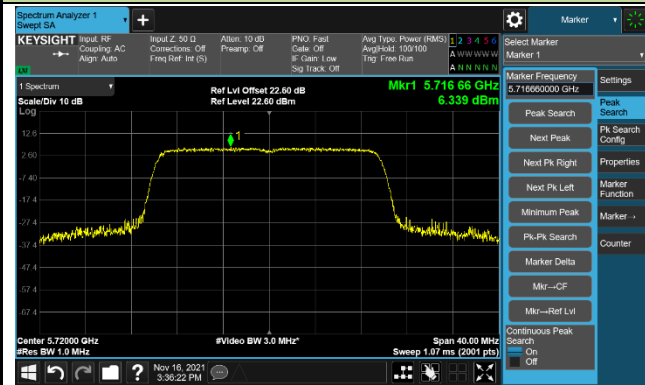


Channel 116 (5580MHz)

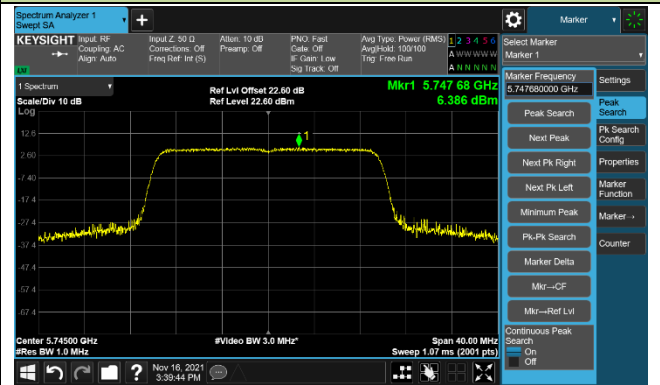


802.11ax-HE20 Power Spectral Density – Ant 2

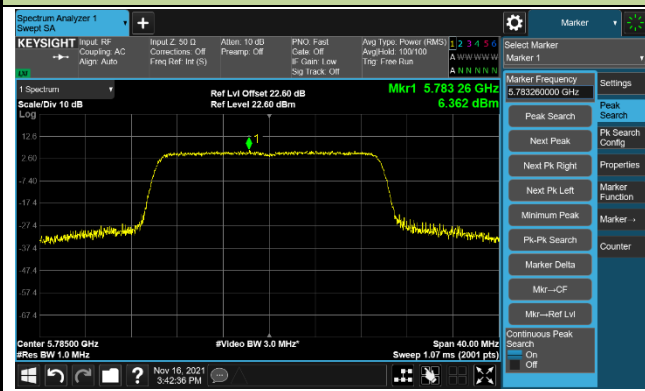
Channel 144 (5720MHz)



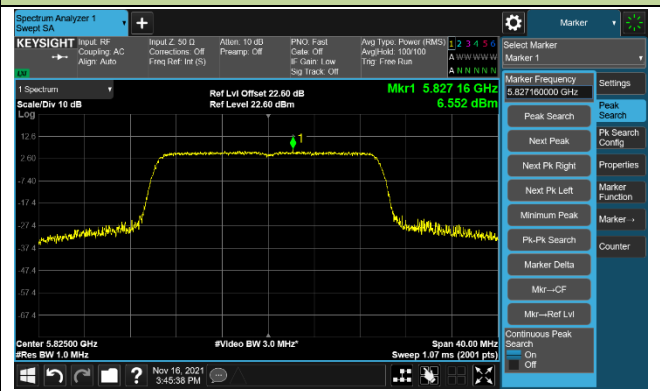
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

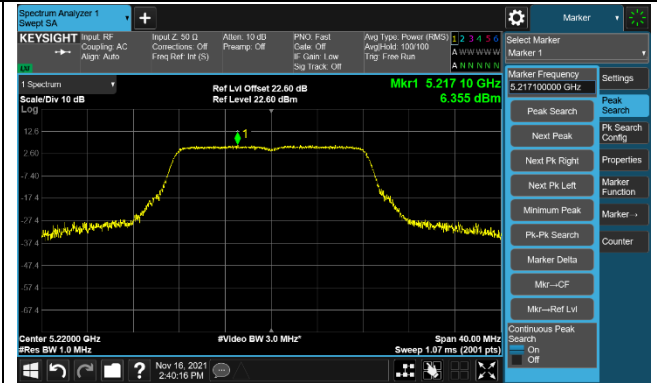


802.11a Power Spectral Density – Ant 3

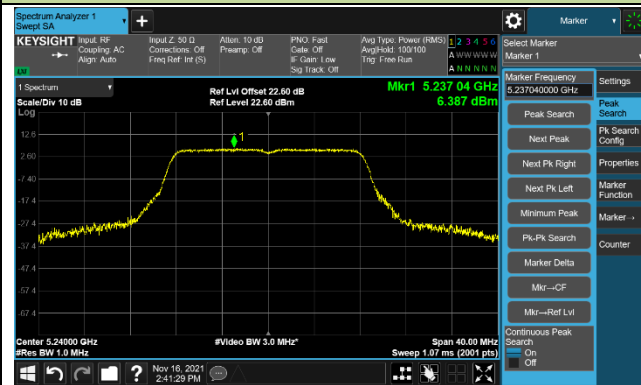
Channel 36 (5180MHz)



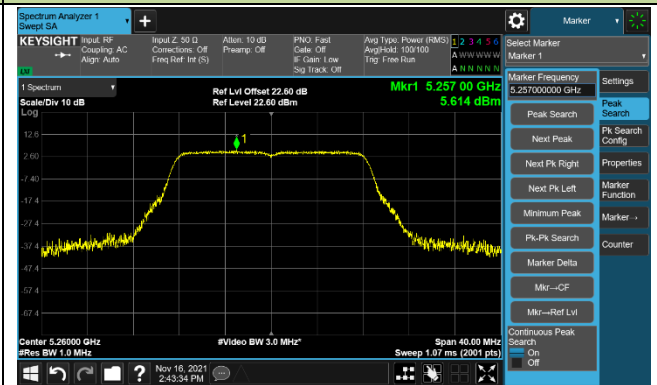
Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)

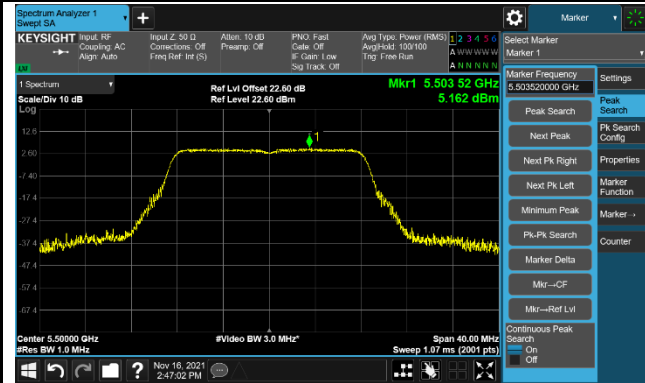


Channel 64 (5320MHz)

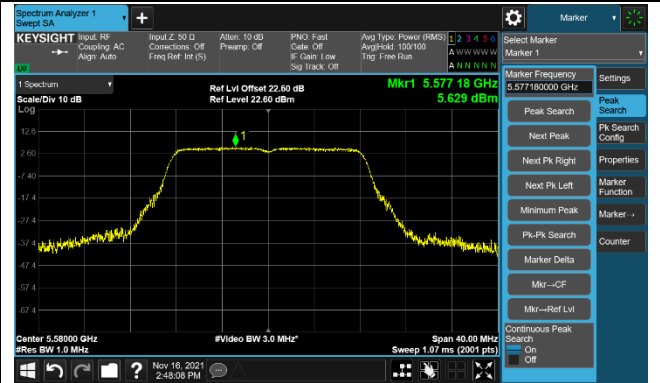


802.11a Power Spectral Density – Ant 3

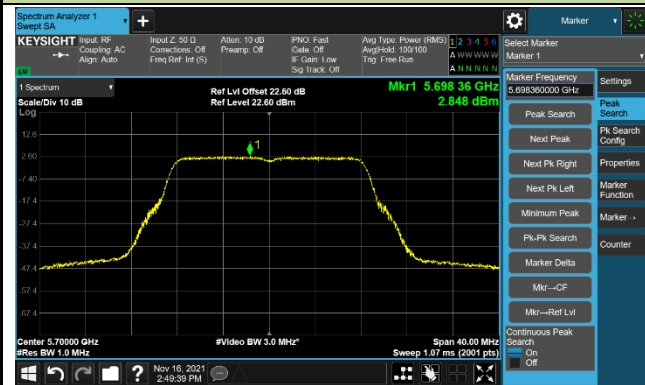
Channel 100 (5500MHz)



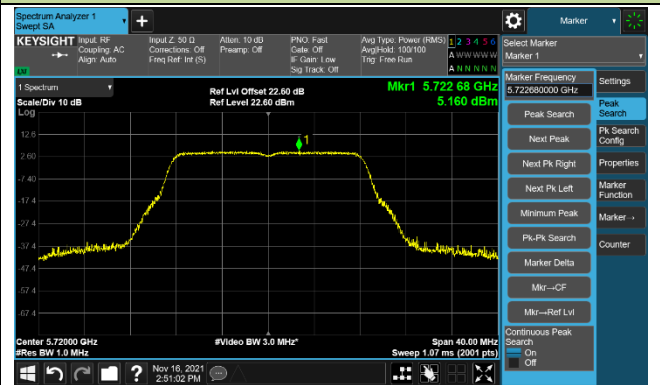
Channel 116 (5580MHz)



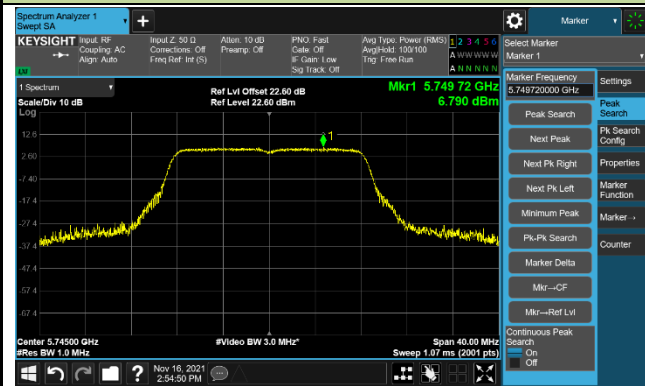
Channel 140 (5700MHz)



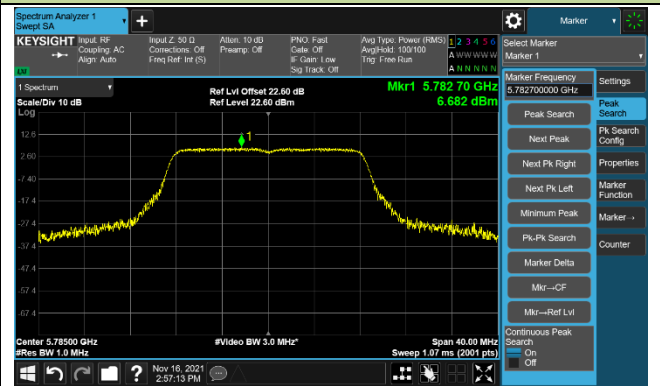
Channel 144 (5720MHz)



Channel 149 (5745MHz)

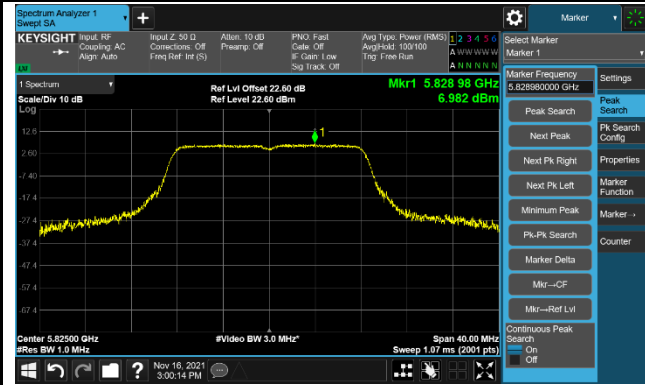


Channel 157 (5785MHz)



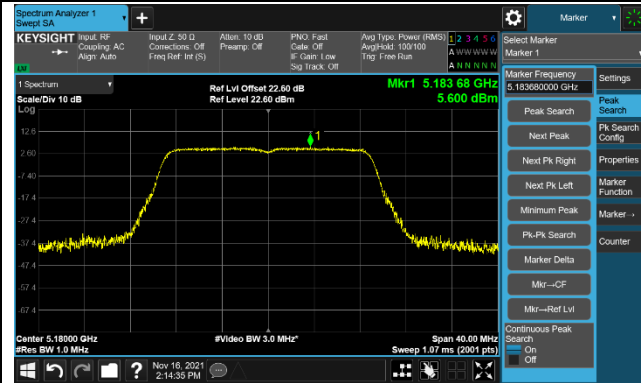
802.11a Power Spectral Density – Ant 3

Channel 165 (5825MHz)

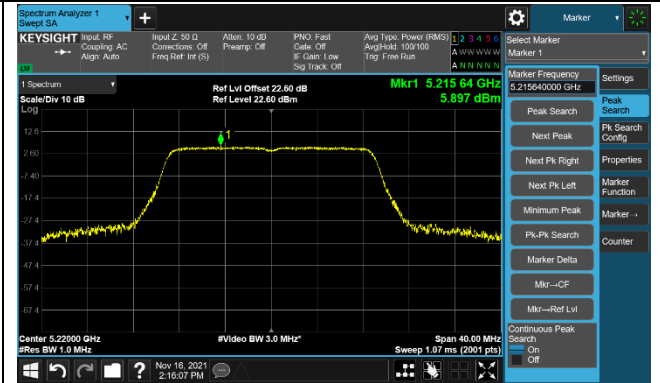


802.11ac-VHT20 Power Spectral Density – Ant 3

Channel 36 (5180MHz)



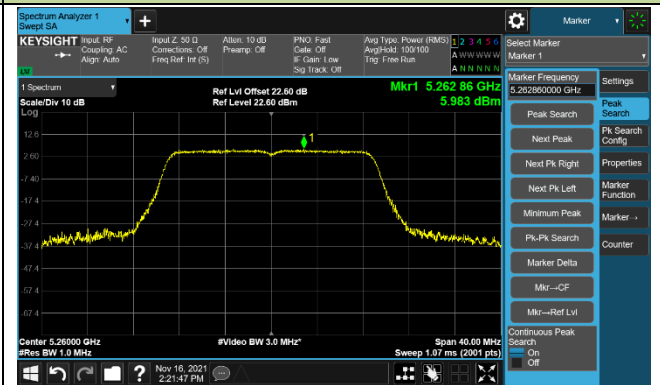
Channel 44 (5220MHz)



Channel 48 (5240MHz)



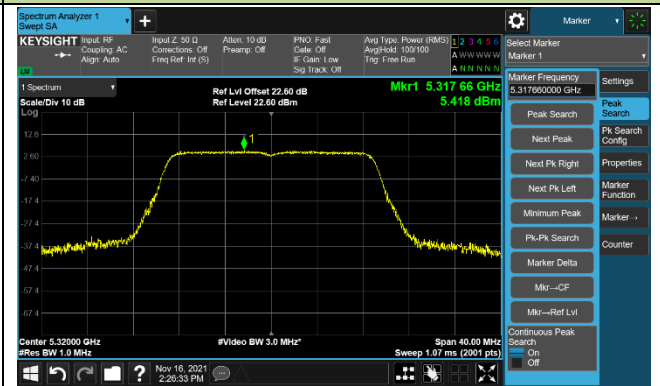
Channel 52 (5260MHz)



Channel 60 (5300MHz)

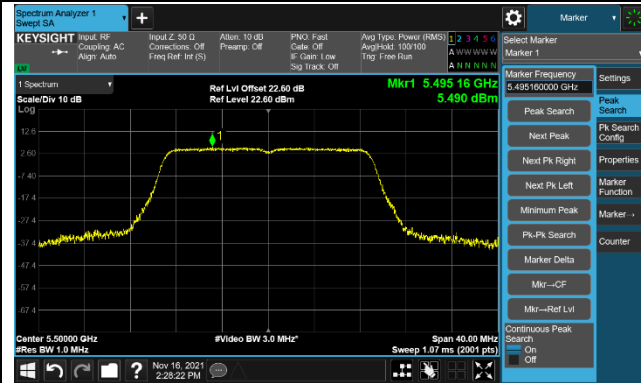


Channel 64 (5320MHz)

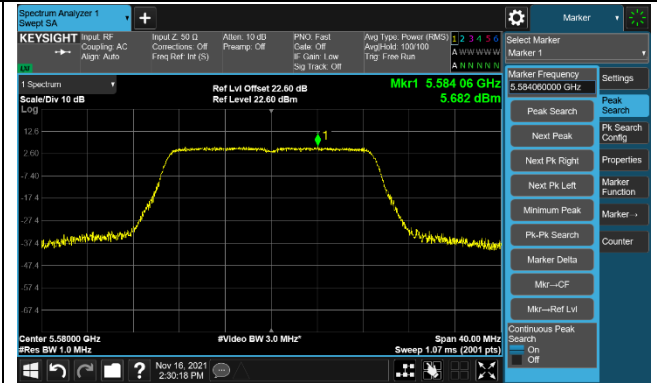


802.11ac-VHT20 Power Spectral Density – Ant 3

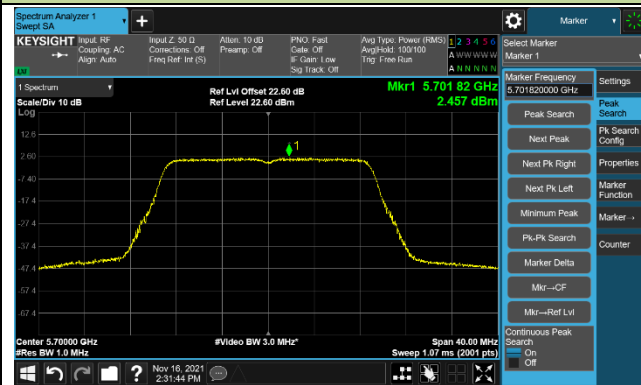
Channel 100 (5500MHz)



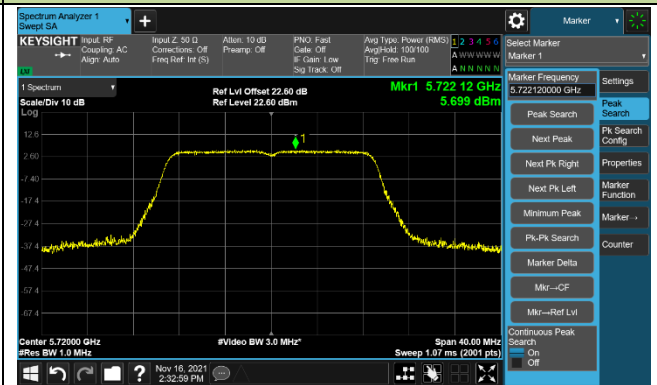
Channel 116 (5580MHz)



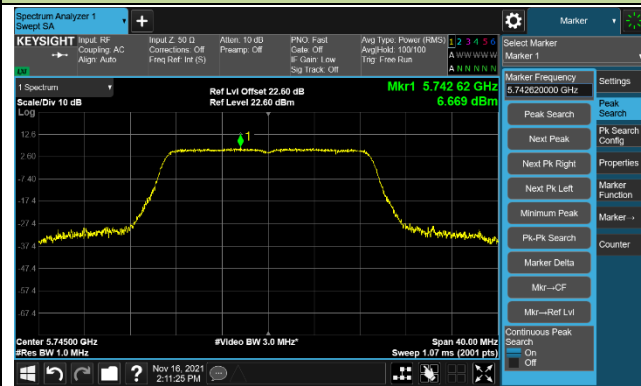
Channel 140 (5700MHz)



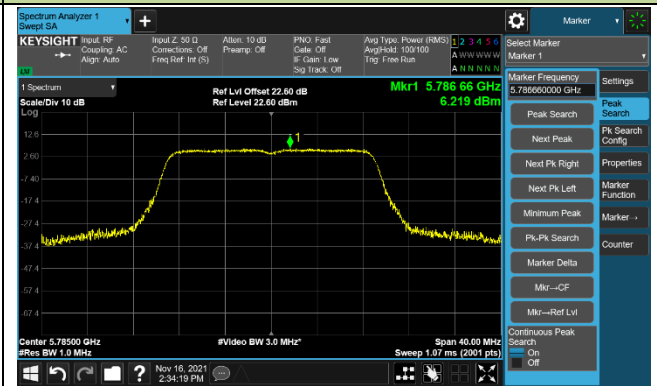
Channel 144 (5720MHz)



Channel 149 (5745MHz)

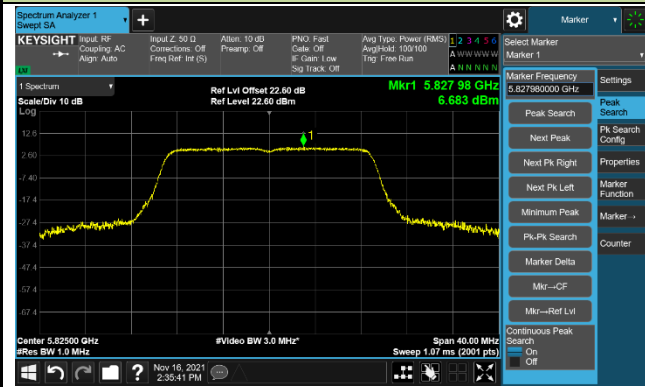


Channel 157 (5785MHz)



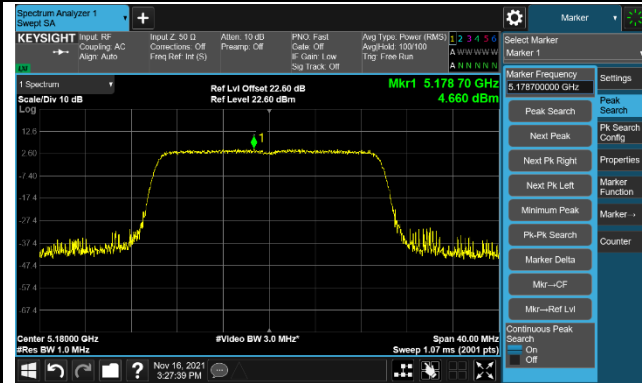
802.11ac-VHT20 Power Spectral Density – Ant 3

Channel 165 (5825MHz)

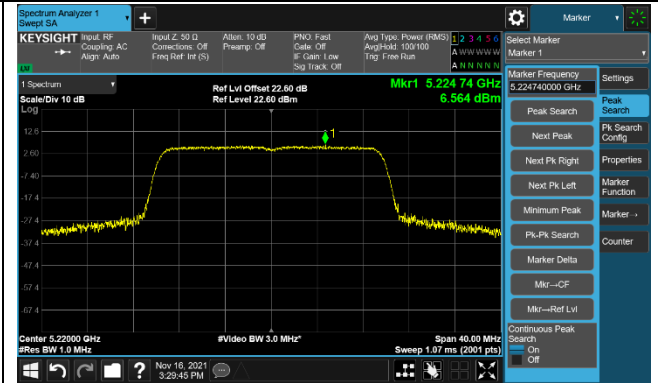


802.11ax-HE20 Power Spectral Density – Ant 3

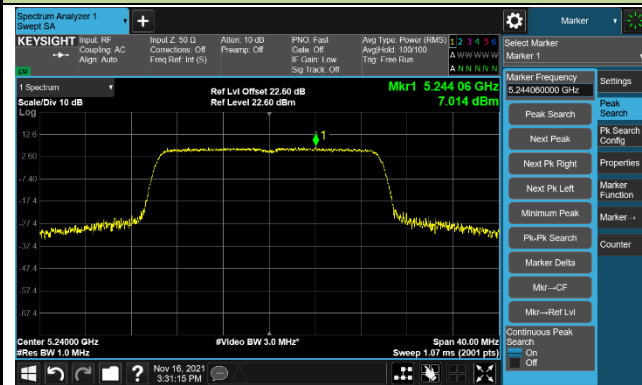
Channel 36 (5180MHz)



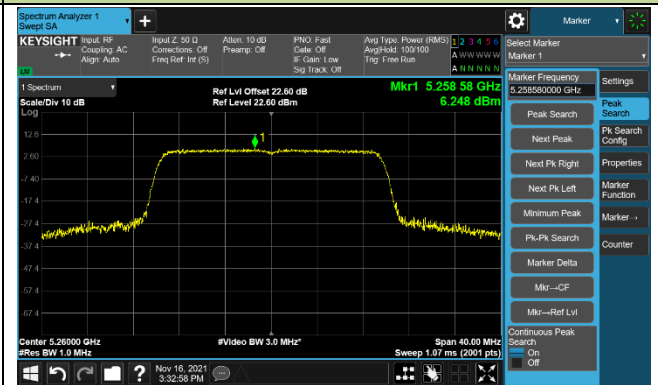
Channel 44 (5220MHz)



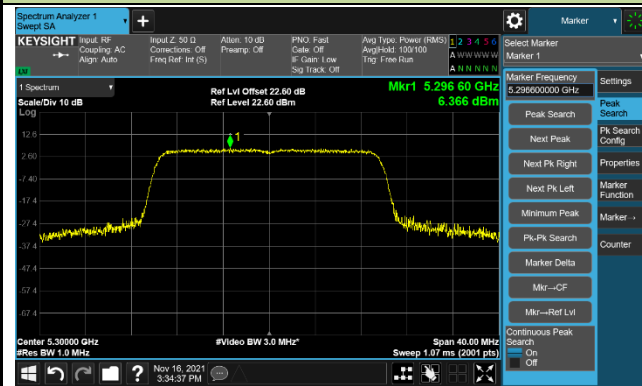
Channel 48 (5240MHz)



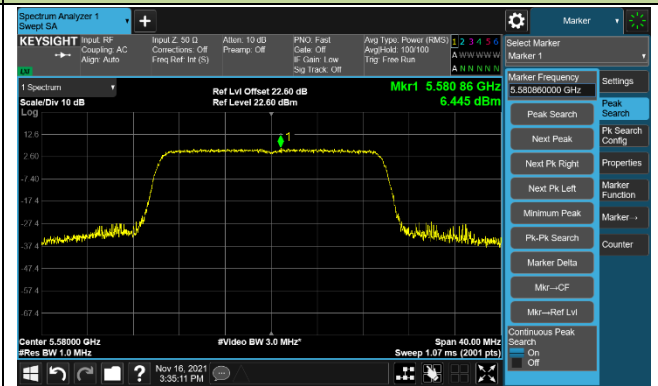
Channel 52 (5260MHz)



Channel 60 (5300MHz)

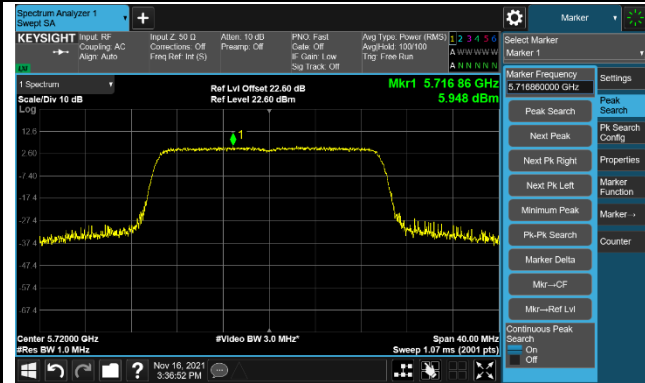


Channel 116 (5580MHz)

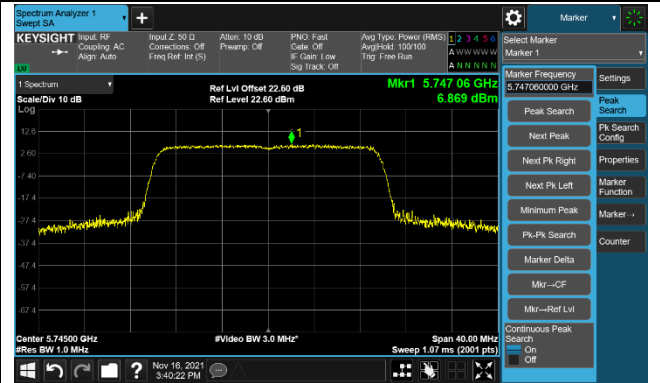


802.11ax-HE20 Power Spectral Density – Ant 3

Channel 144 (5720MHz)



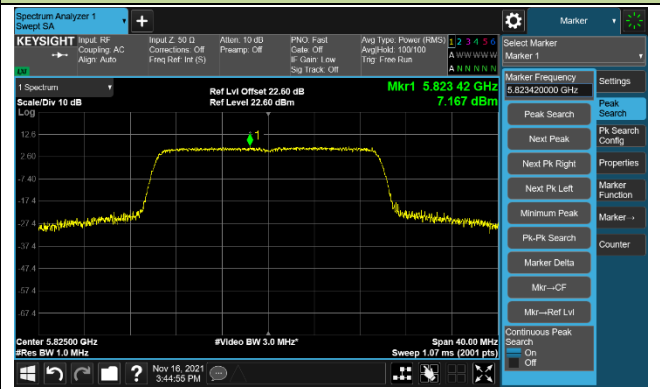
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)





Product	ACCESS POINT	Temperature	23 ~ 25°C
Test Engineer	Eric Lin	Relative Humidity	40 ~ 56%
Test Site	SR2	Test Date	2021/10/27
Frequency Band	U-NII-1 & U-NII-2A & U-NII-2C	Filter Type	Path A _ Full Path

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
				Ant 2	Ant 3				
11a	6Mbps	36	5180	6.58	6.04	94.92	9.55	≤ 16.20	Pass
11a	6Mbps	44	5220	7.53	7.33	94.92	10.67	≤ 16.20	Pass
11a	6Mbps	48	5240	7.96	7.80	94.92	11.12	≤ 16.20	Pass
11a	6Mbps	52	5260	5.93	6.70	94.92	9.57	≤ 10.20	Pass
11a	6Mbps	60	5300	6.16	6.56	94.92	9.60	≤ 10.20	Pass
11a	6Mbps	64	5320	6.15	6.34	94.92	9.48	≤ 10.20	Pass
11a	6Mbps	100	5500	4.34	4.14	94.92	7.48	≤ 10.20	Pass
11a	6Mbps	116	5580	6.52	6.13	94.92	9.57	≤ 10.20	Pass
11a	6Mbps	140	5700	4.83	4.13	94.92	7.73	≤ 10.20	Pass
11a	6Mbps	144	5720	6.47	5.79	94.92	9.38	≤ 10.20	Pass
11ac-VHT20	MCS0	36	5180	5.77	6.05	98.16	8.92	≤ 16.20	Pass
11ac-VHT20	MCS0	44	5220	7.09	7.12	98.16	10.12	≤ 16.20	Pass
11ac-VHT20	MCS0	48	5240	7.40	7.28	98.16	10.35	≤ 16.20	Pass
11ac-VHT20	MCS0	52	5260	6.17	6.63	98.16	9.42	≤ 10.20	Pass
11ac-VHT20	MCS0	60	5300	6.15	6.67	98.16	9.43	≤ 10.20	Pass
11ac-VHT20	MCS0	64	5320	6.12	6.77	98.16	9.47	≤ 10.20	Pass
11ac-VHT20	MCS0	100	5500	6.03	5.96	98.16	9.01	≤ 10.20	Pass
11ac-VHT20	MCS0	116	5580	6.64	5.99	98.16	9.34	≤ 10.20	Pass
11ac-VHT20	MCS0	140	5700	5.31	4.73	98.16	8.04	≤ 10.20	Pass
11ac-VHT20	MCS0	144	5720	6.69	6.13	98.16	9.43	≤ 10.20	Pass

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
				Ant 2	Ant 3				
				11ax-HE20	MCS0				
11ax-HE20	MCS0	44	5220	6.97	7.90	97.82	10.57	≤ 16.20	Pass
11ax-HE20	MCS0	48	5240	7.18	7.35	97.82	10.37	≤ 16.20	Pass
11ax-HE20	MCS0	52	5260	6.16	6.70	97.82	9.54	≤ 10.20	Pass
11ax-HE20	MCS0	60	5300	6.06	6.60	97.82	9.44	≤ 10.20	Pass
11ax-HE20	MCS0	64	5320	6.18	6.01	97.82	9.20	≤ 10.20	Pass
11ax-HE20	MCS0	100	5500	5.52	5.53	97.82	8.63	≤ 10.20	Pass
11ax-HE20	MCS0	116	5580	6.68	6.20	97.82	9.55	≤ 10.20	Pass
11ax-HE20	MCS0	140	5700	3.04	2.67	97.82	5.96	≤ 10.20	Pass
11ax-HE20	MCS0	144	5720	6.34	5.86	97.82	9.21	≤ 10.20	Pass

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

Note 2:

For 5150 - 5250MHz, PSD Limit = 17dBm/MHz - (6.8dBi - 6dBi) = 16.2dBm/MHz

For 5250 - 5725MHz, PSD Limit = 11dBm/MHz - (6.8dBi - 6dBi) = 10.2dBm/MHz

Product	ACCESS POINT	Temperature	24~27°C
Test Engineer	Eric Lin	Relative Humidity	58~60%
Test Site	SR2	Test Date	2021/10/27
Frequency Band	U-NII-3	Filter Type	Path A _ Full Path

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	PSD (dBm/510kHz)		Duty Cycle (%)	Total PSD (dBm/510kHz)	Limit (dBm/500kHz)	Result
				Ant 2	Ant 3				
11a	6Mbps	149	5745	4.15	4.61	94.92	7.62	≤ 29.20	Pass
11a	6Mbps	157	5785	4.45	4.66	94.92	7.79	≤ 29.20	Pass
11a	6Mbps	165	5825	4.62	4.21	94.92	7.66	≤ 29.20	Pass
11ac-VHT20	MCS0	149	5745	4.51	4.73	98.16	7.63	≤ 29.20	Pass
11ac-VHT20	MCS0	157	5785	3.96	4.35	98.16	7.17	≤ 29.20	Pass
11ac-VHT20	MCS0	165	5825	4.56	4.02	98.16	7.31	≤ 29.20	Pass
11ax-HE20	MCS0	149	5745	4.40	4.57	97.82	7.59	≤ 29.20	Pass
11ax-HE20	MCS0	157	5785	4.61	4.74	97.82	7.78	≤ 29.20	Pass
11ax-HE20	MCS0	165	5825	4.47	3.51	97.82	7.12	≤ 29.20	Pass

Note 1: When EUT duty cycle < 98%, Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/500kHz) + $10 \cdot \log (1/\text{Duty Cycle})$.

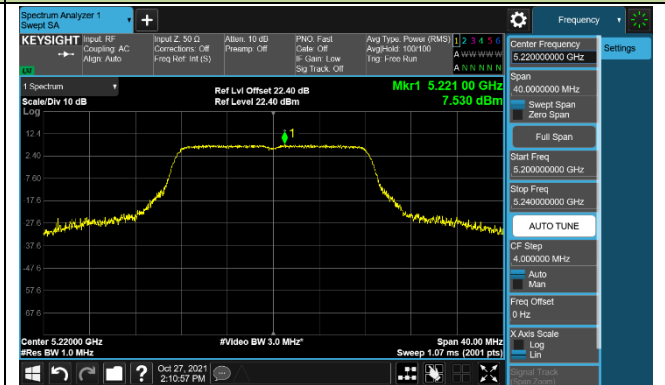
Note 2: PSD Limit = 30dBm/500kHz - (6.8dBi - 6dBi) = 29.2dBm/500kHz.

802.11a Power Spectral Density – Ant 2

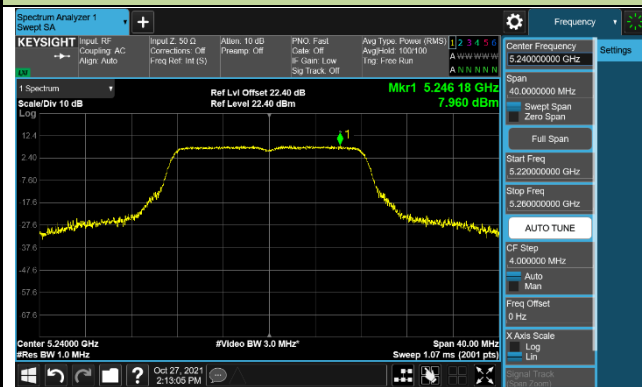
Channel 36 (5180MHz)



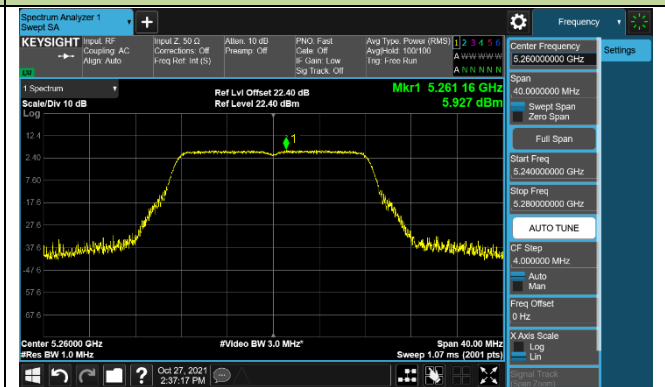
Channel 44 (5220MHz)



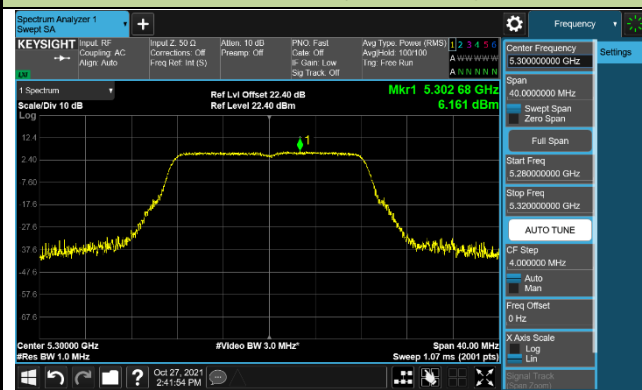
Channel 48 (5240MHz)



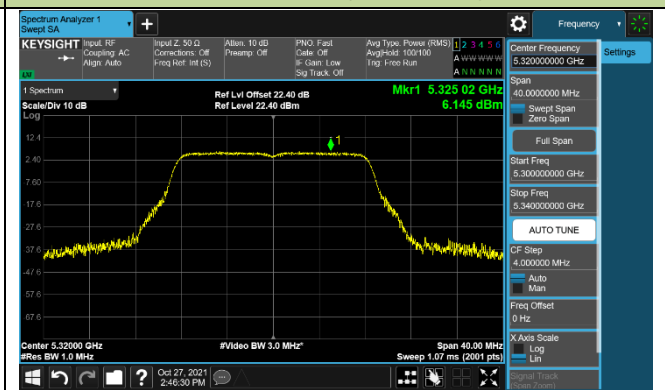
Channel 52 (5260MHz)



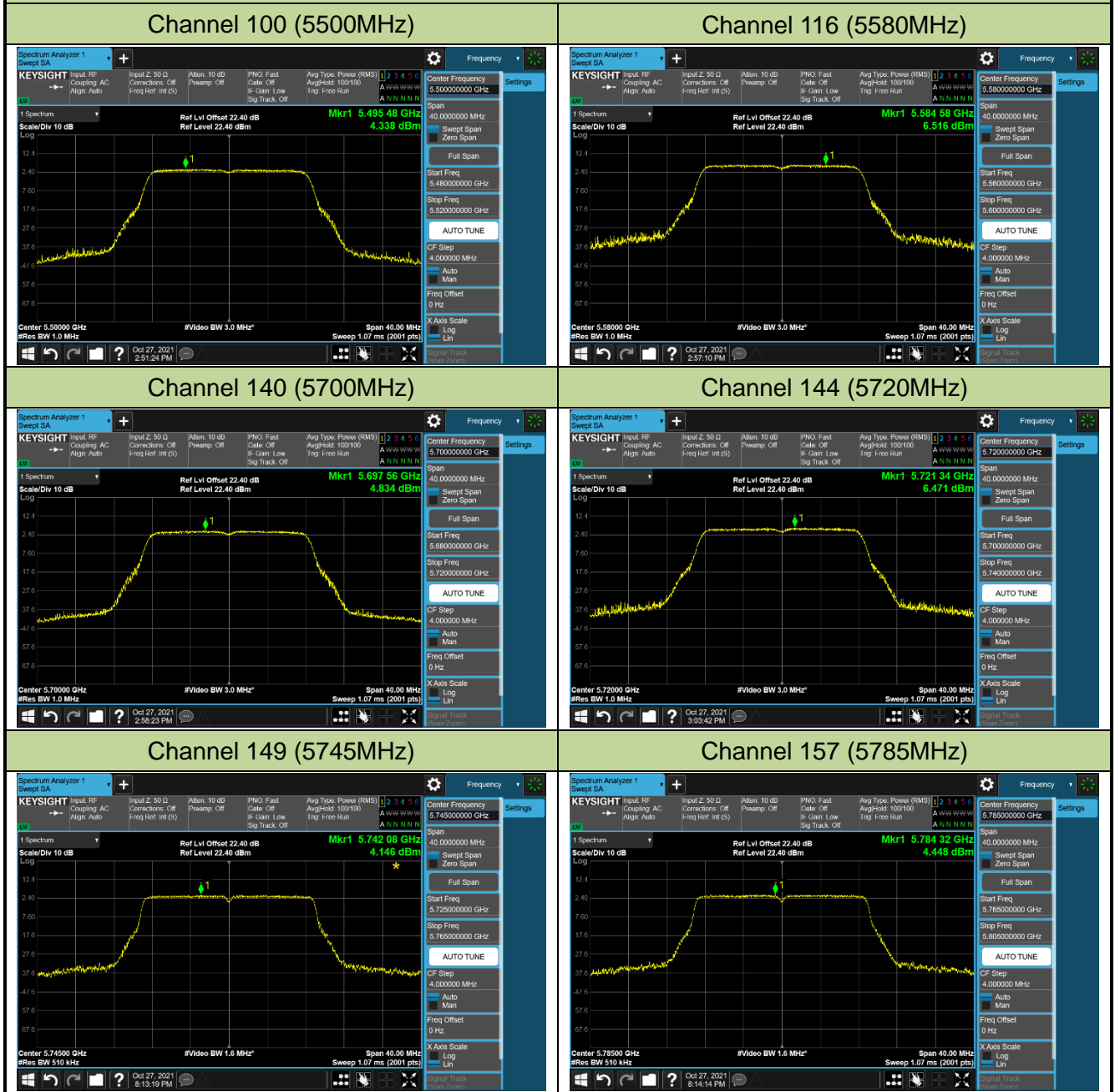
Channel 60 (5300MHz)



Channel 64 (5320MHz)

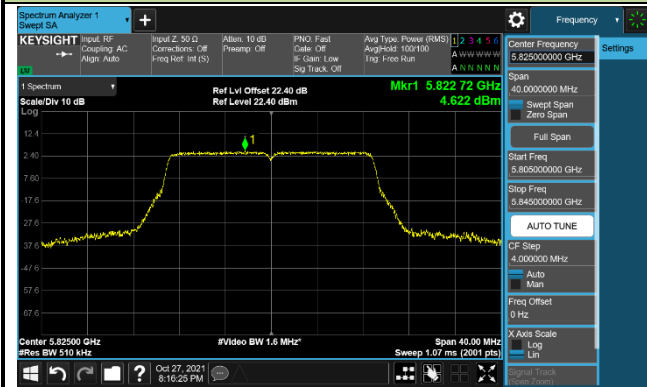


802.11a Power Spectral Density – Ant 2



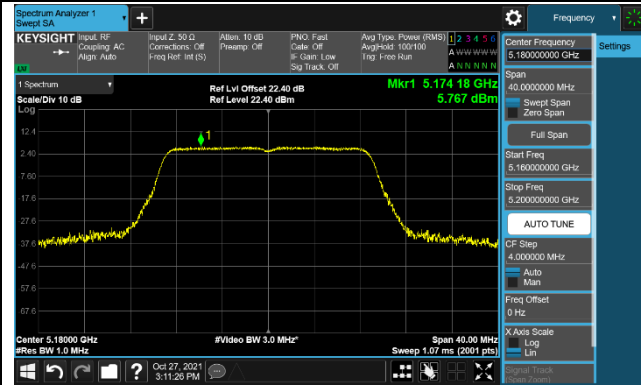
802.11a Power Spectral Density – Ant 2

Channel 165 (5825MHz)

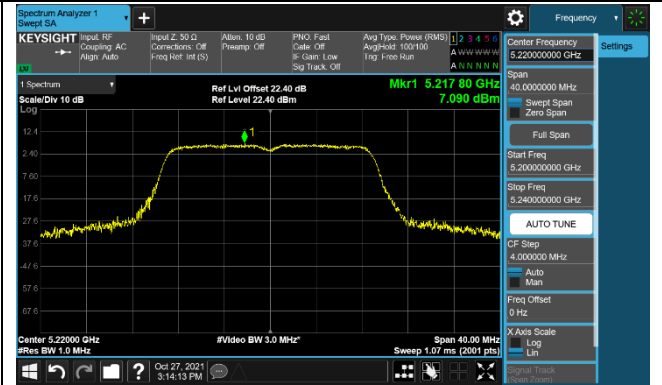


802.11ac-VHT20 Power Spectral Density – Ant 2

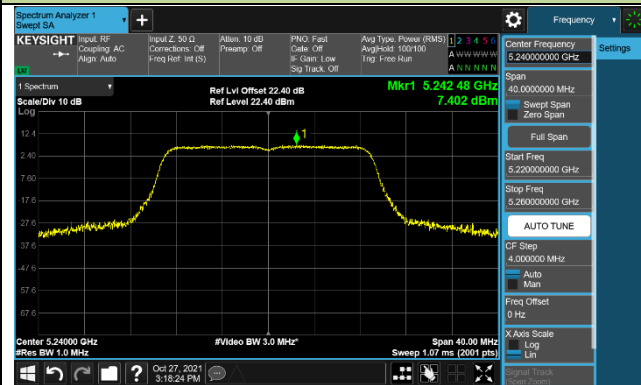
Channel 36 (5180MHz)



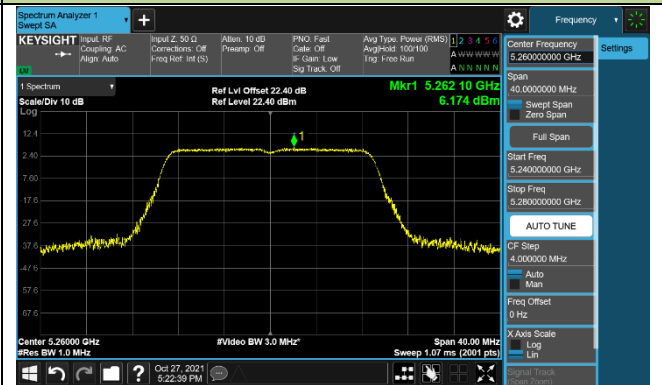
Channel 44 (5220MHz)



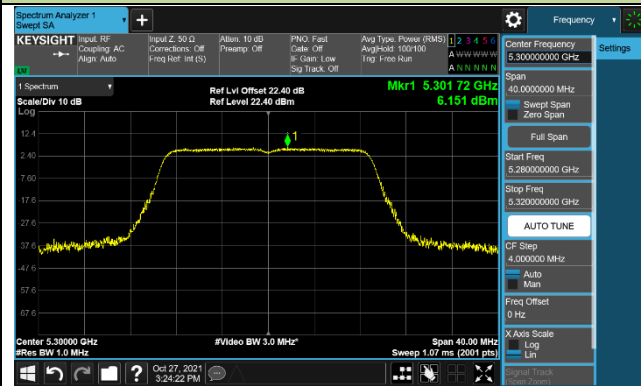
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)

