

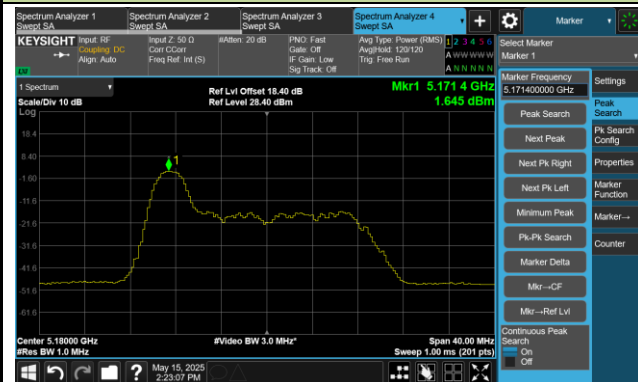
Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-05-13 ~ 2025-05-16		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size / index	AVPSD (dBm/510kHz)		Duty Cycle (%)	Total PSD (dBm/510kHz)	PSD Limit (dBm/500kHz)
					Ant 3	Ant 2			
11ax-HE20	MCS0	149	5745	RU26/0	-0.169	-2.609	72.17	3.207	≤ 29.89
				RU52/37	-0.084	-2.203	72.17	3.411	≤ 29.89
				RU106/53	-0.512	-1.834	72.17	3.304	≤ 29.89
				RU242/61	-1.537	-2.774	72.17	2.315	≤ 29.89
		157	5785	RU26/4	1.073	-0.908	72.17	4.621	≤ 29.89
				RU52/38	1.065	-1.002	72.17	4.580	≤ 29.89
				RU106/53	0.992	-1.021	72.17	4.528	≤ 29.89
				RU242/61	-1.675	-2.953	72.17	2.160	≤ 29.89
		165	5825	RU26/8	0.607	-1.010	72.17	4.300	≤ 29.89
				RU52/40	0.125	-0.604	72.17	4.203	≤ 29.89
				RU106/54	0.545	-0.543	72.17	4.462	≤ 29.89
				RU242/61	-1.889	-3.388	72.17	1.853	≤ 29.89
11ax-HE40	MCS0	151	5755	RU484/65	-7.495	-8.012	35.19	-0.200	≤ 29.89
		159	5795	RU484/65	-6.732	-7.615	35.19	0.395	≤ 29.89
11ax-HE80	MCS0	155	5775	RU996/67	-7.081	-8.199	56.23	-2.094	≤ 29.89

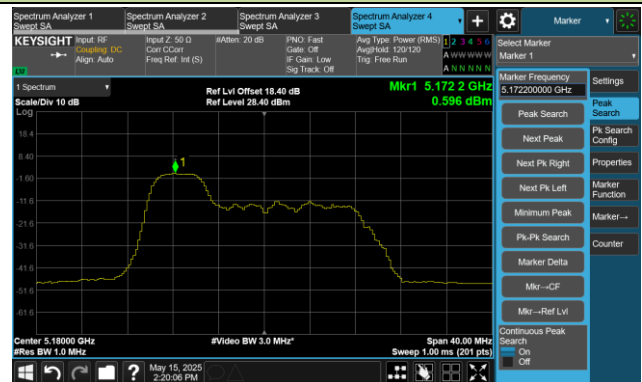
Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = $10 \cdot \log \{ 10^{(\text{Ant 3 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} \}$
(dBm/510kHz) + $10 \cdot \log (1/\text{Duty cycle})$.

802.11ax-HE20 Power Spectral Density - Ant 3

Channel 36 (5180MHz) RU26/0



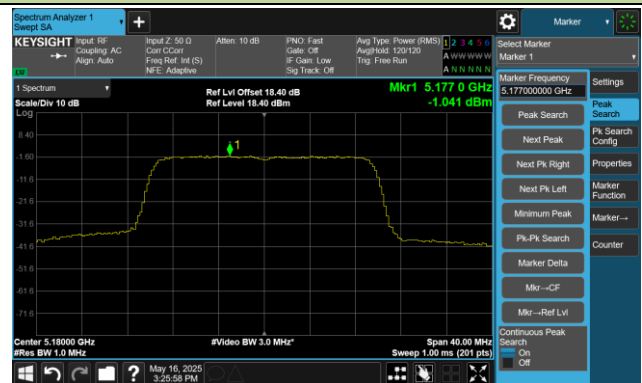
Channel 36 (5180MHz) RU52/37



Channel 36 (5180MHz) RU106/53



Channel 36 (5180MHz) RU242/61



Channel 44 (5220MHz) RU26/4



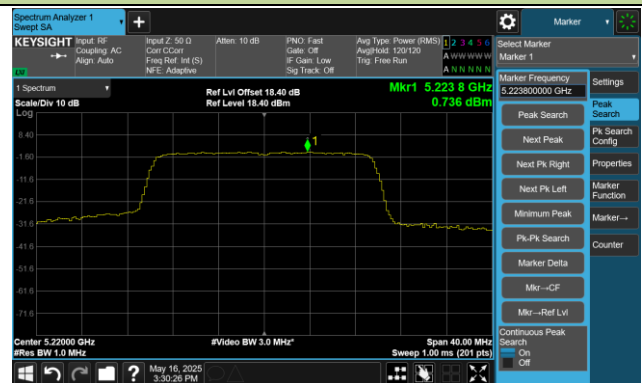
Channel 44 (5220MHz) RU52/38



Channel 44 (5220MHz) RU106/53



Channel 44 (5220MHz) RU242/61



802.11ax-HE20 Power Spectral Density - Ant 3

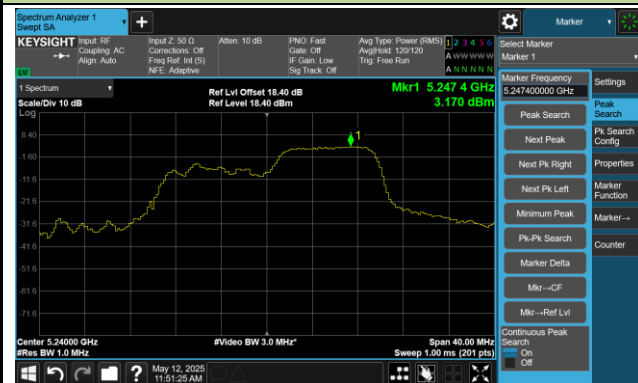
Channel 48 (5240MHz) RU26/8



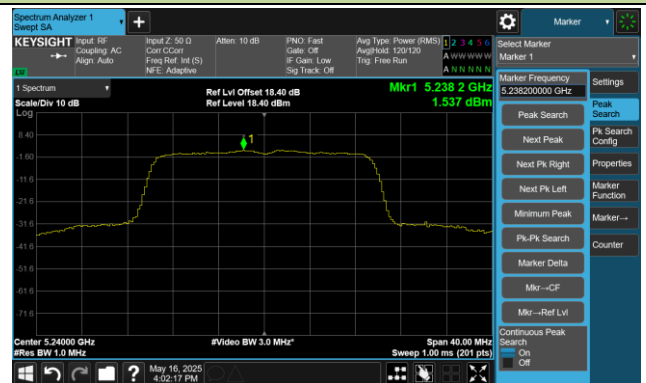
Channel 48 (5240MHz) RU52/40



Channel 48 (5240MHz) RU106/54



Channel 48 (5240MHz) RU242/61



Channel 52 (5260MHz) RU26/0



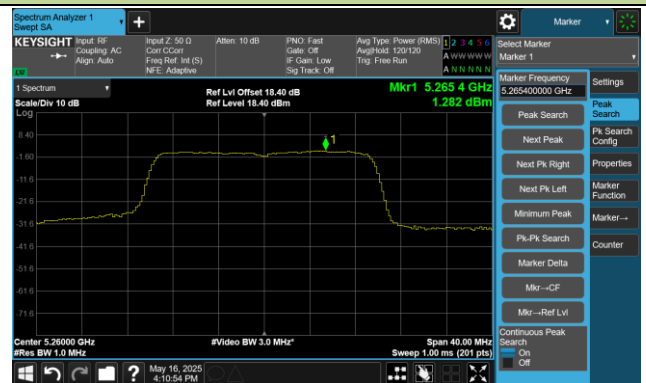
Channel 52 (5260MHz) RU52/37



Channel 52 (5260MHz) RU106/53



Channel 52 (5260MHz) RU242/61

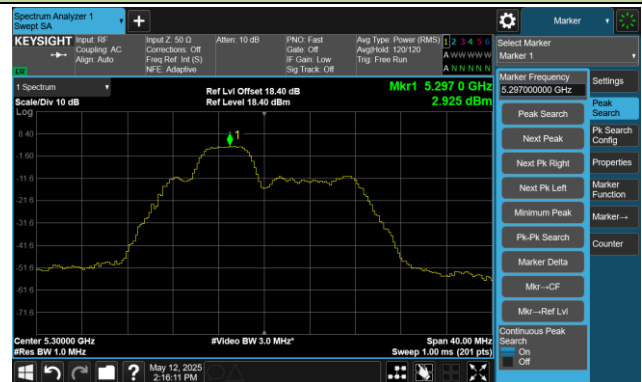


802.11ax-HE20 Power Spectral Density - Ant 3

Channel 60 (5300MHz) RU26/4



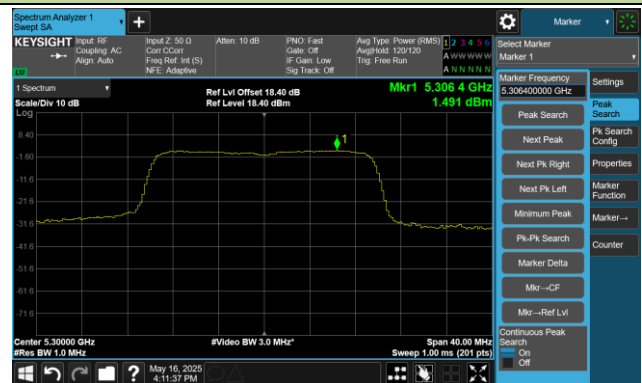
Channel 60 (5300MHz) RU52/38



Channel 60 (5300MHz) RU106/53



Channel 60 (5300MHz) RU242/61



Channel 64 (5320MHz) RU26/8



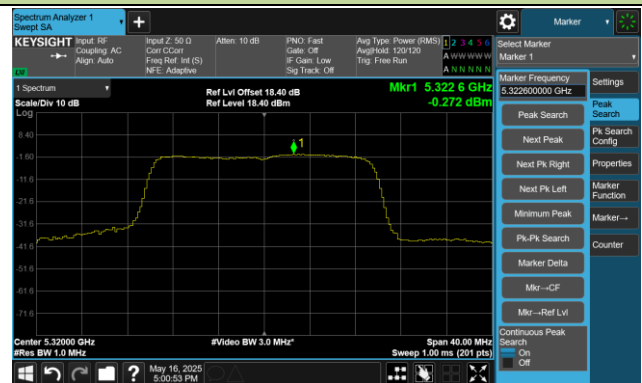
Channel 64 (5320MHz) RU52/40



Channel 64 (5320MHz) RU106/54

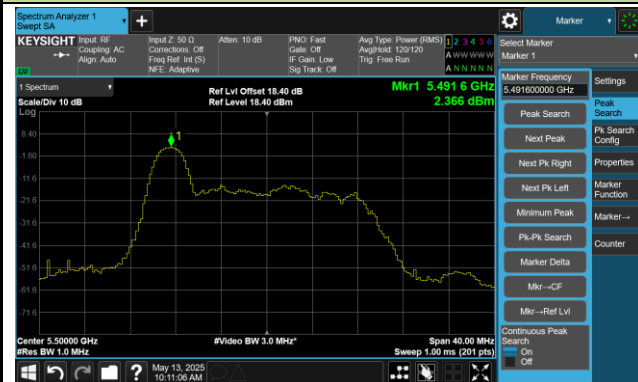


Channel 64 (5320MHz) RU242/61



802.11ax-HE20 Power Spectral Density - Ant 3

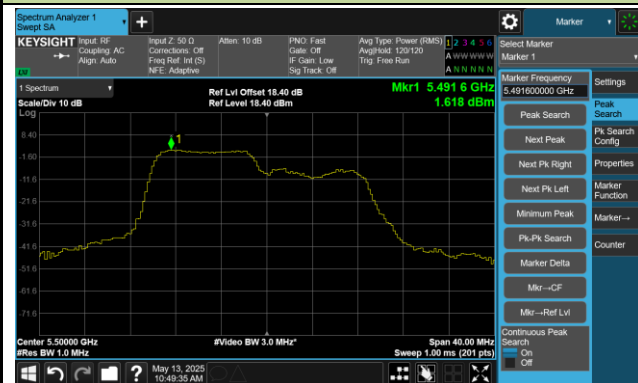
Channel 100 (5500MHz) RU26/0



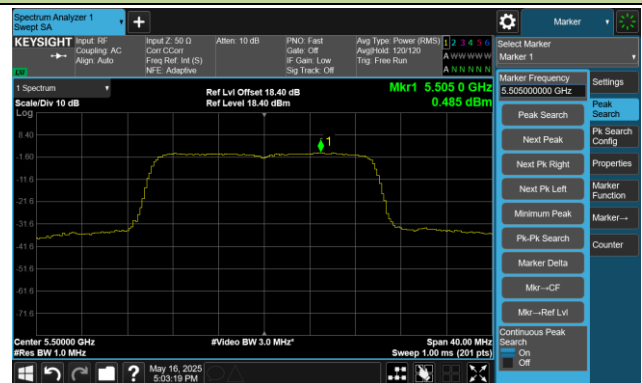
Channel 100 (5500MHz) RU52/37



Channel 100 (5500MHz) RU106/53



Channel 100 (5500MHz) RU242/61



Channel 116 (5580MHz) RU26/4



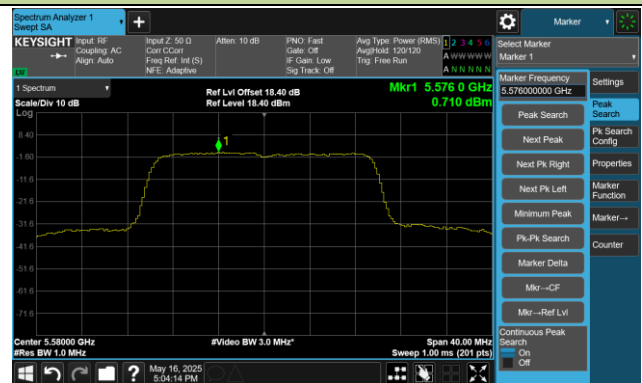
Channel 116 (5580MHz) RU52/38



Channel 116 (5580MHz) RU106/53



Channel 116 (5580MHz) RU242/61



802.11ax-HE20 Power Spectral Density - Ant 3

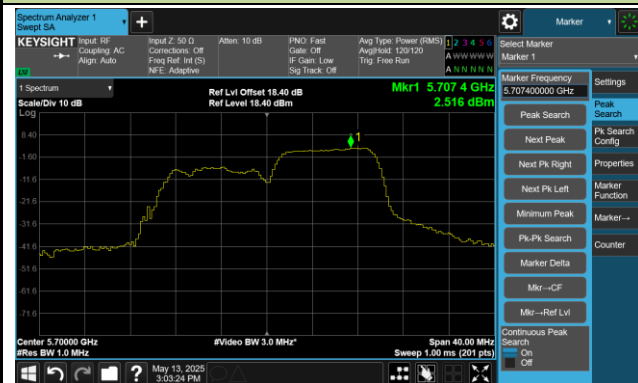
Channel 140 (5700MHz) RU26/8



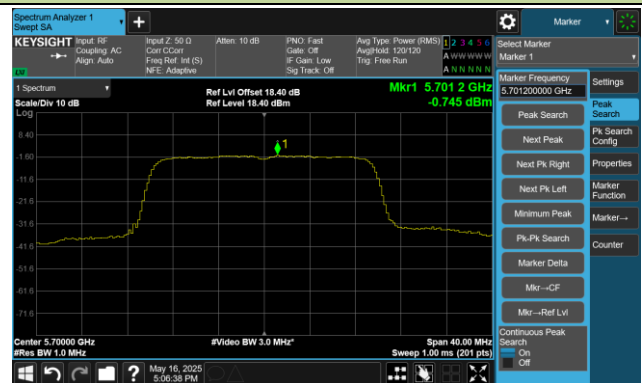
Channel 140 (5700MHz) RU52/40



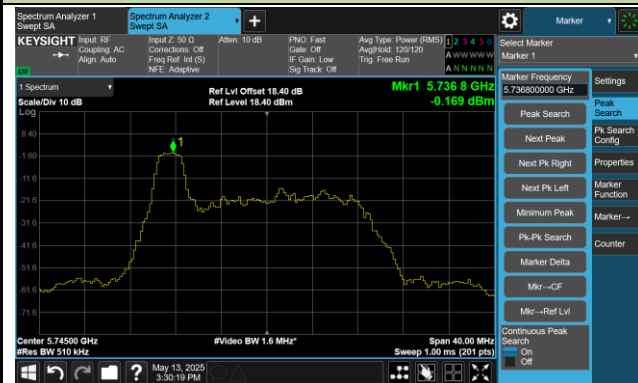
Channel 140 (5700MHz) RU106/54



Channel 140 (5700MHz) RU242/61



Channel 149 (5745MHz) RU26/0



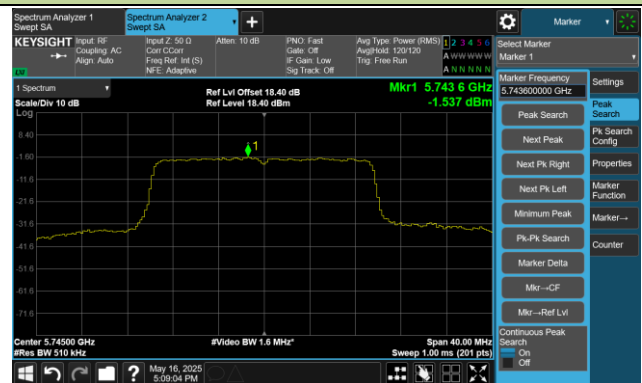
Channel 149 (5745MHz) RU52/37



Channel 149 (5745MHz) RU106/53

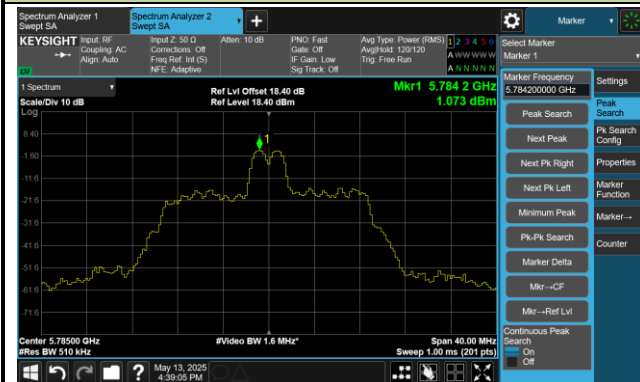


Channel 149 (5745MHz) RU242/61



802.11ax-HE20 Power Spectral Density - Ant 3

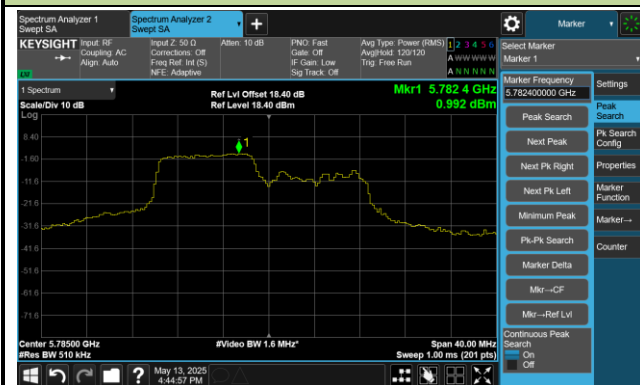
Channel 157 (5785MHz) RU26/4



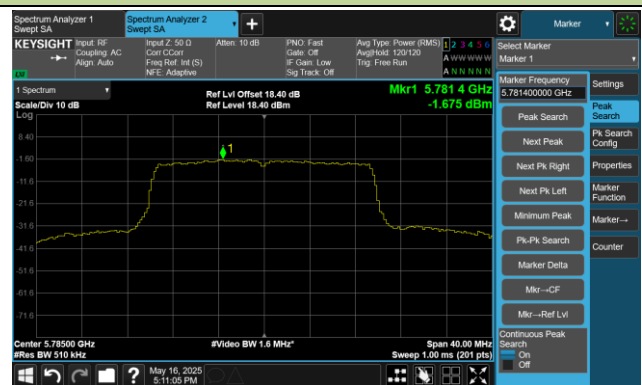
Channel 157 (5785MHz) RU52/38



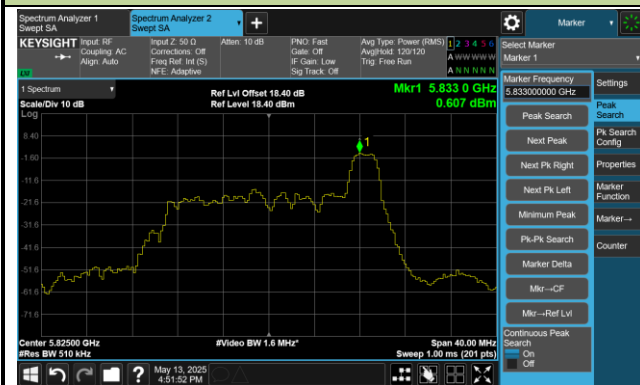
Channel 157 (5785MHz) RU106/53



Channel 157 (5785MHz) RU242/61



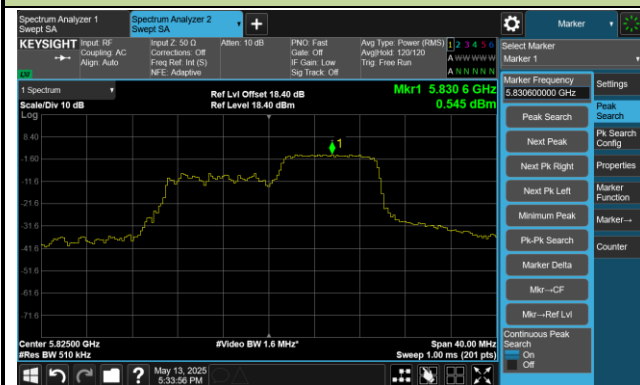
Channel 165 (5825MHz) RU26/8



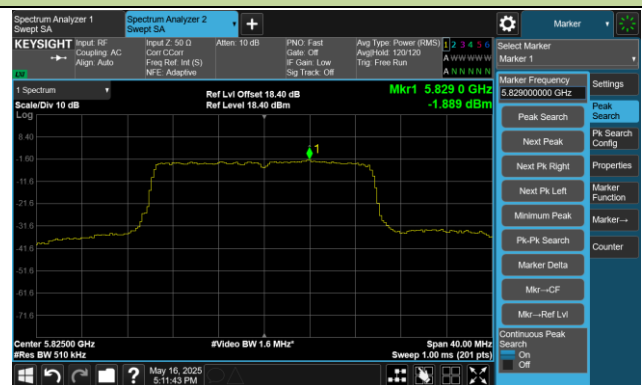
Channel 165 (5825MHz) RU52/40



Channel 165 (5825MHz) RU106/54

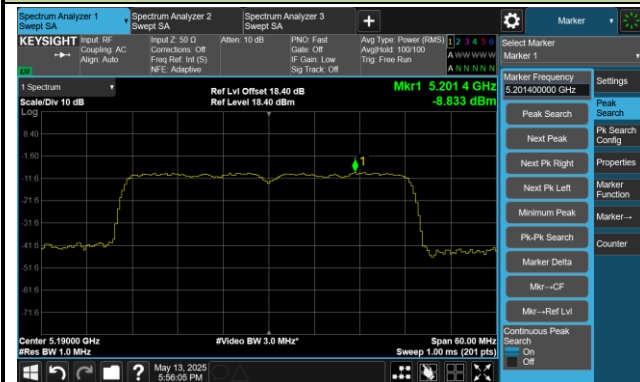


Channel 165 (5825MHz) RU242/61

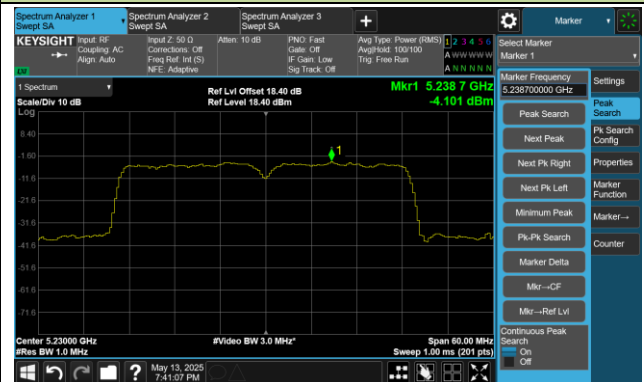


802.11ax-HE40 Power Spectral Density - Ant 3

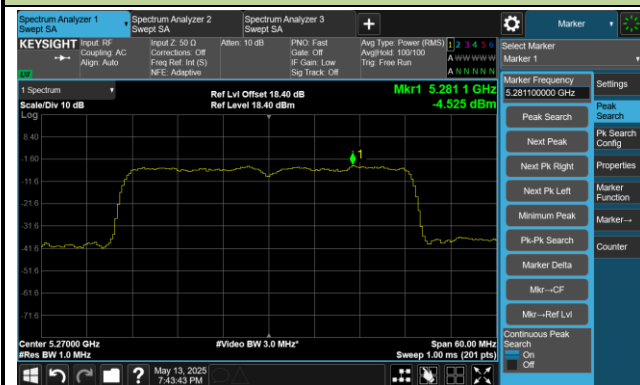
Channel 38 (5190MHz) RU484/65



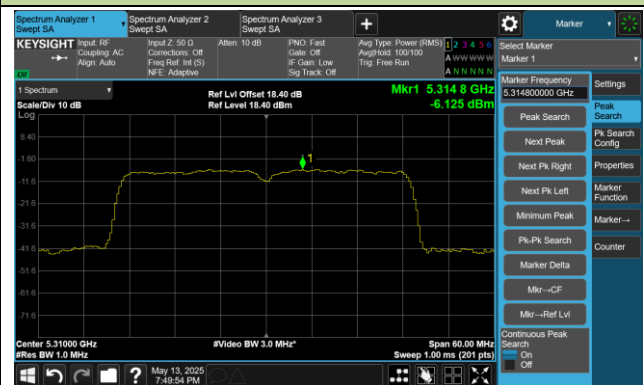
Channel 46 (5230MHz) RU484/65



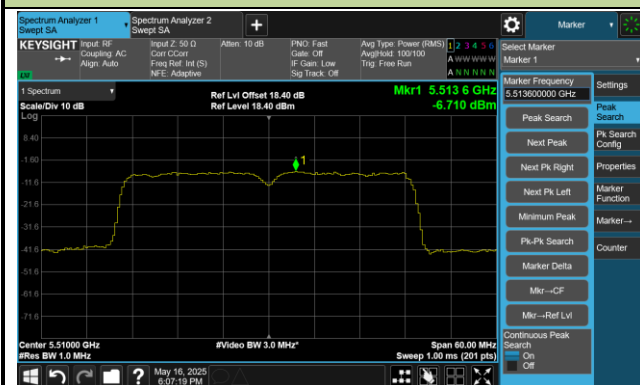
Channel 54 (5270MHz) RU484/65



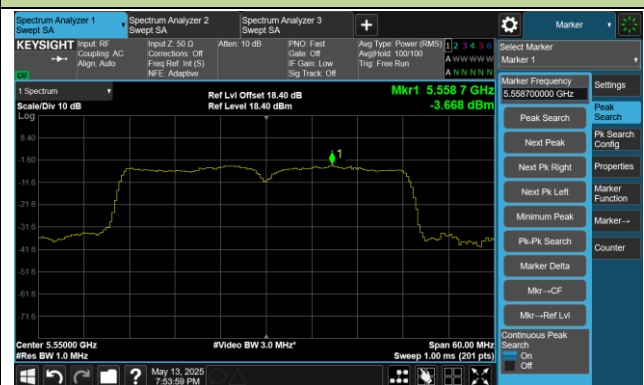
Channel 62 (5310MHz) RU484/65



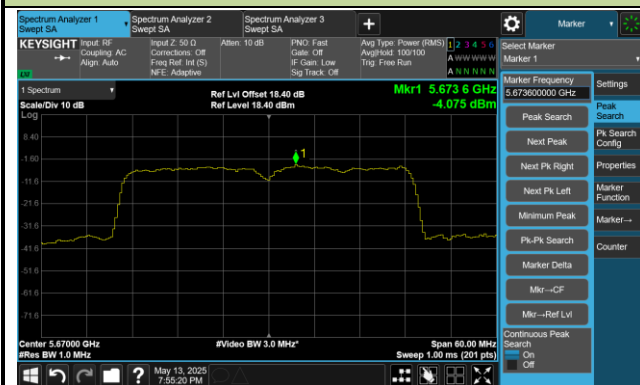
Channel 102 (5510MHz) RU484/65



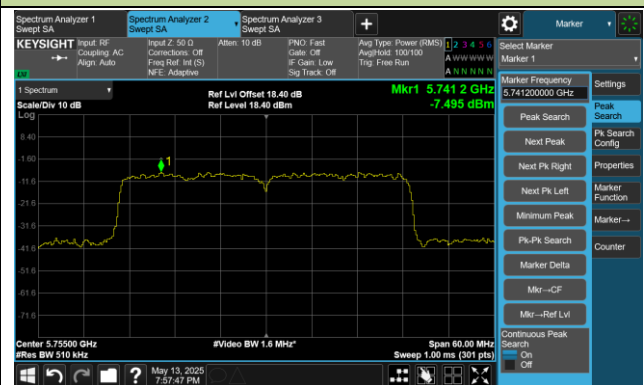
Channel 110 (5550MHz) RU484/65



Channel 134 (5670MHz) RU484/65

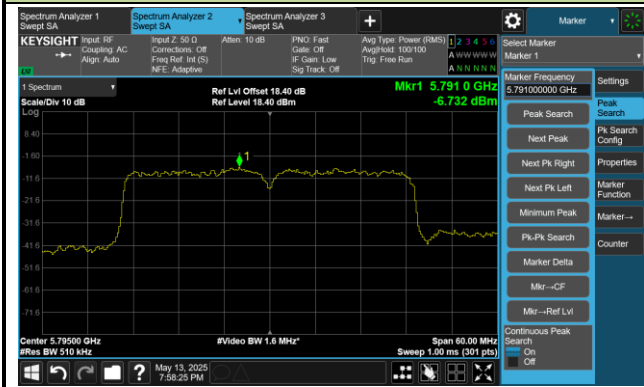


Channel 151 (5755MHz) RU484/65



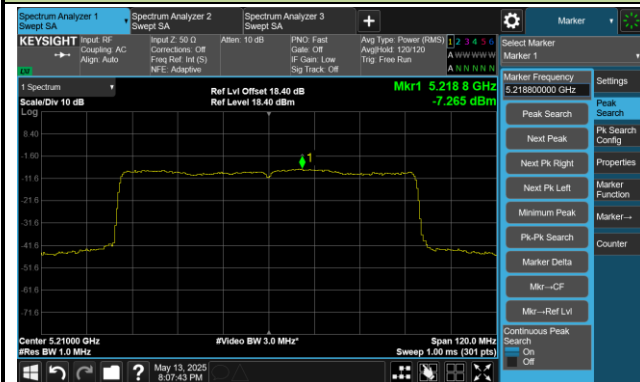
802.11ax-HE40 Power Spectral Density - Ant 3

Channel 159 (5795MHz) RU484/65

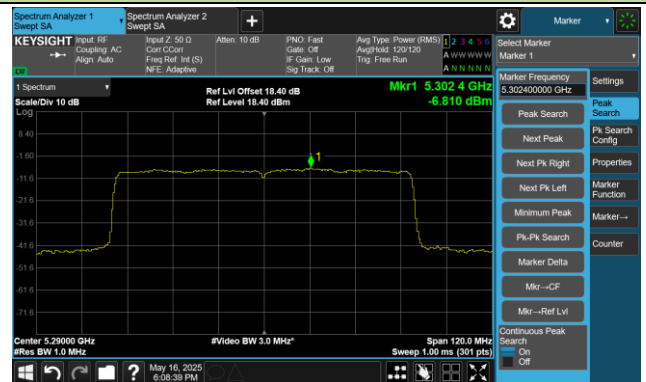


802.11ax-HE80 Power Spectral Density - Ant 3

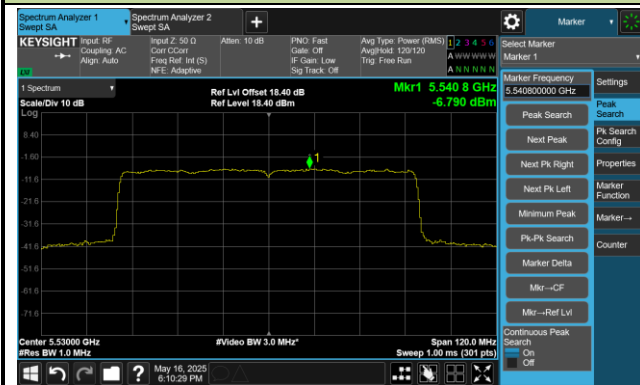
Channel 42 (5210MHz) RU996/67



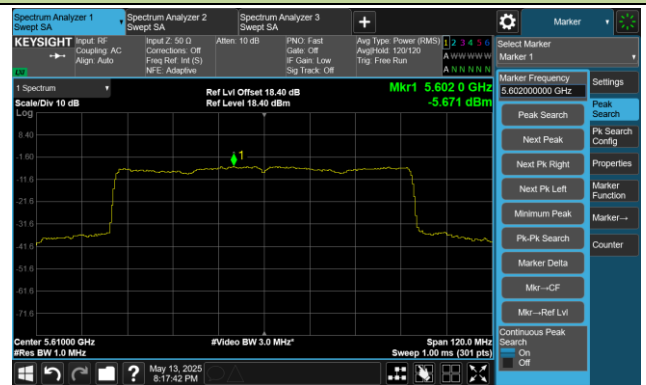
Channel 58 (5290MHz) RU996/67



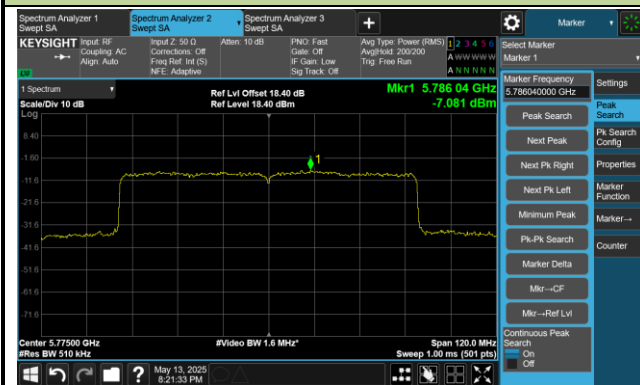
Channel 106 (5530MHz) RU996/67



Channel 122 (5610MHz) RU996/67



Channel 155 (5775MHz) RU996/67



802.11ax-HE20 Power Spectral Density - Ant 2

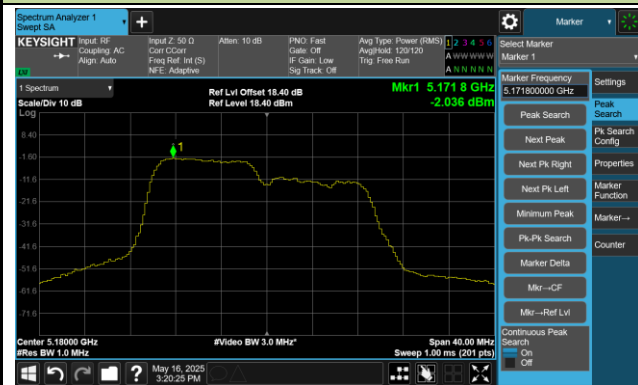
Channel 36 (5180MHz) RU26/0



Channel 36 (5180MHz) RU52/37



Channel 36 (5180MHz) RU106/53



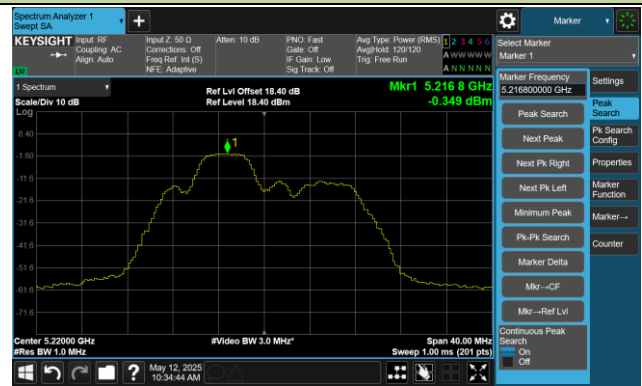
Channel 36 (5180MHz) RU242/61



Channel 44 (5220MHz) RU26/4



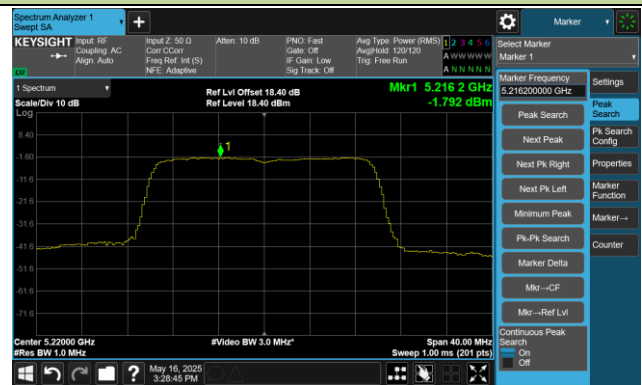
Channel 44 (5220MHz) RU52/38



Channel 44 (5220MHz) RU106/53



Channel 44 (5220MHz) RU242/61

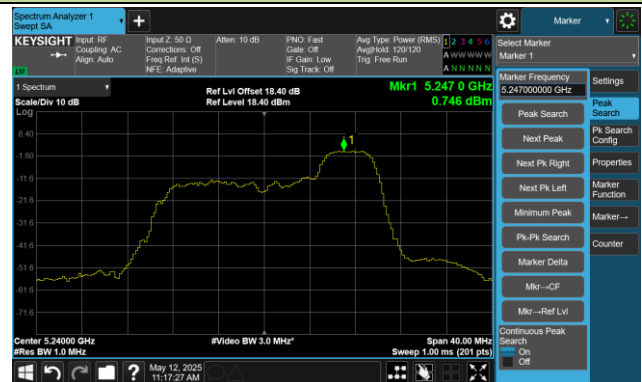


802.11ax-HE20 Power Spectral Density - Ant 2

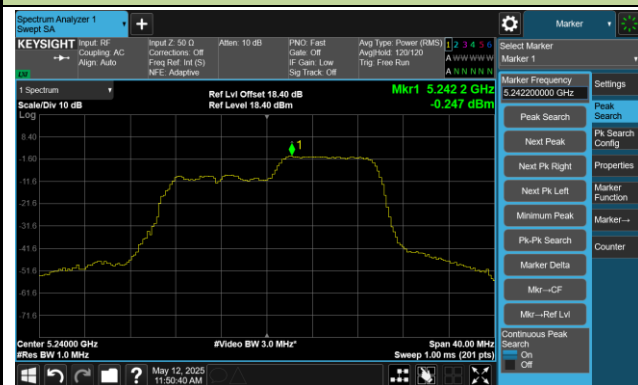
Channel 48 (5240MHz) RU26/8



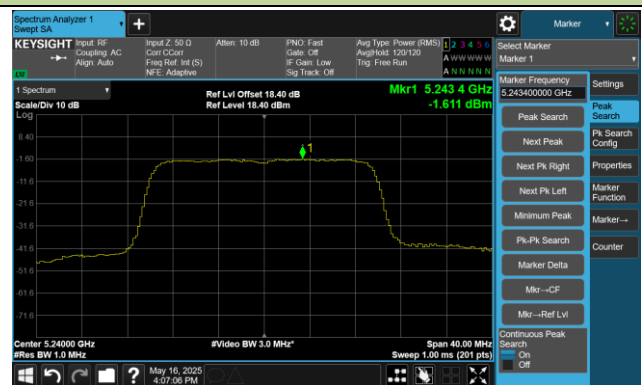
Channel 48 (5240MHz) RU52/40



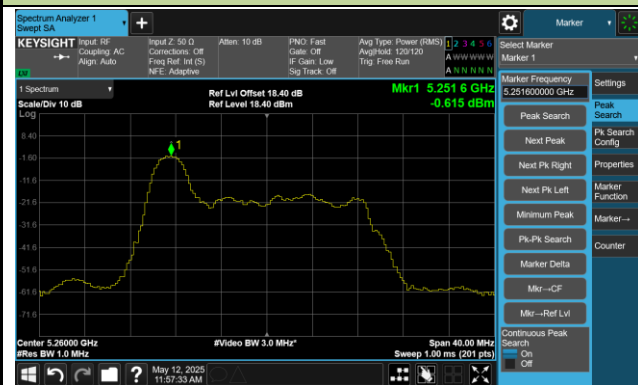
Channel 48 (5240MHz) RU106/54



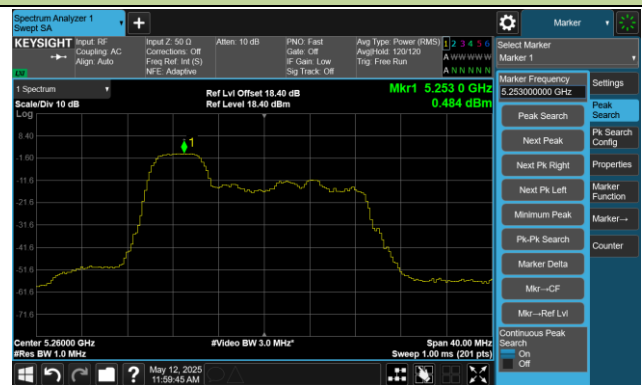
Channel 48 (5240MHz) RU242/61



Channel 52 (5260MHz) RU26/0



Channel 52 (5260MHz) RU52/37



Channel 52 (5260MHz) RU106/53



Channel 52 (5260MHz) RU242/61

