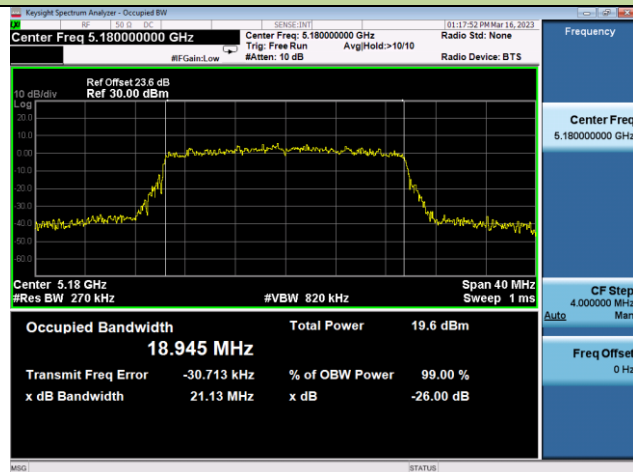
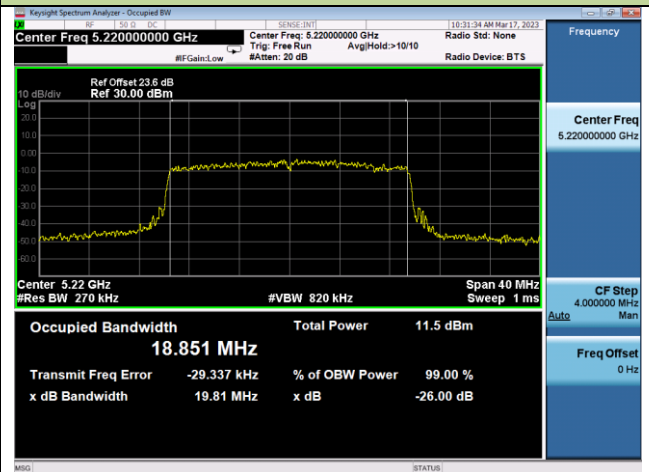


802.11ax-HE20 26dB & 99% Bandwidth – Ant 3

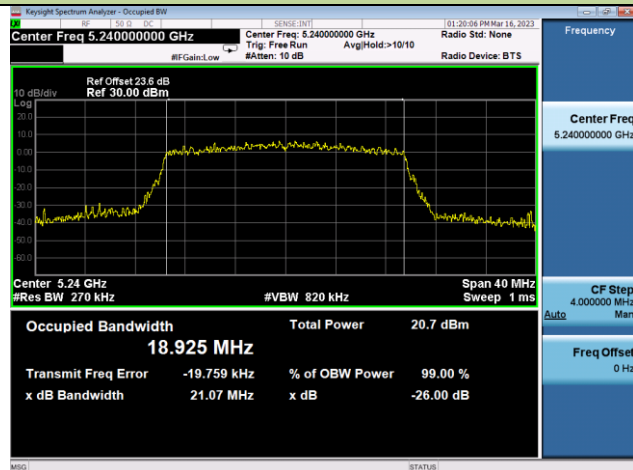
Channel 36 (5180MHz)



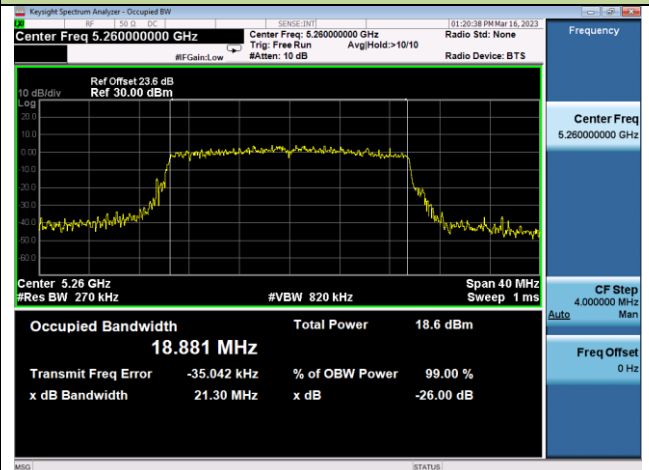
Channel 44 (5220MHz)



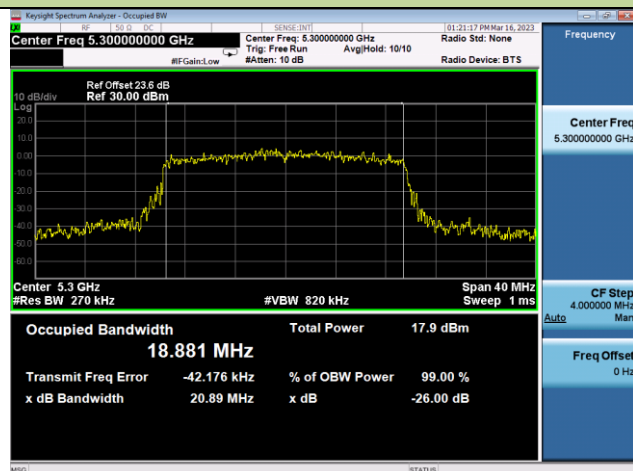
Channel 48 (5240MHz)



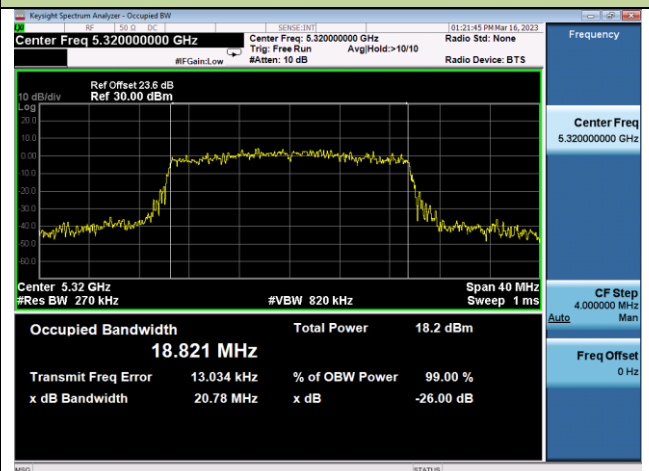
Channel 52 (5260MHz)



Channel 60 (5300MHz)

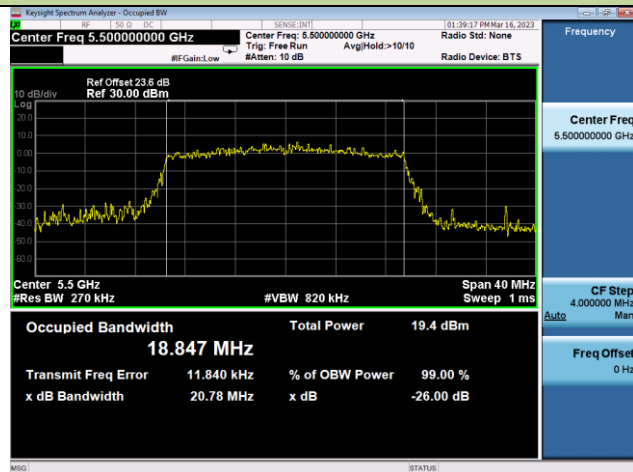


Channel 64 (5320MHz)

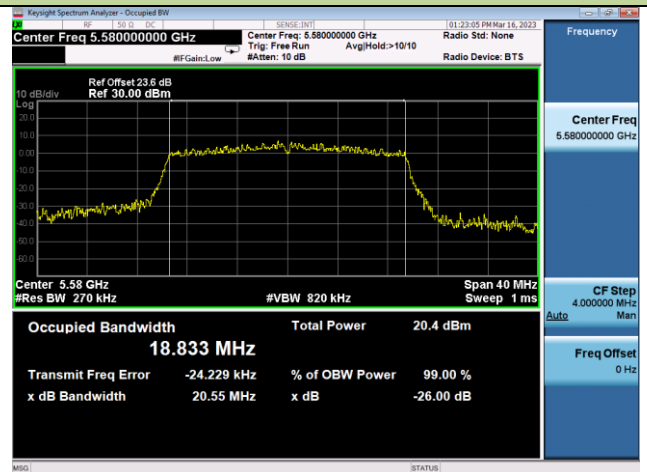


802.11ax-HE20 26dB & 99% Bandwidth – Ant 3

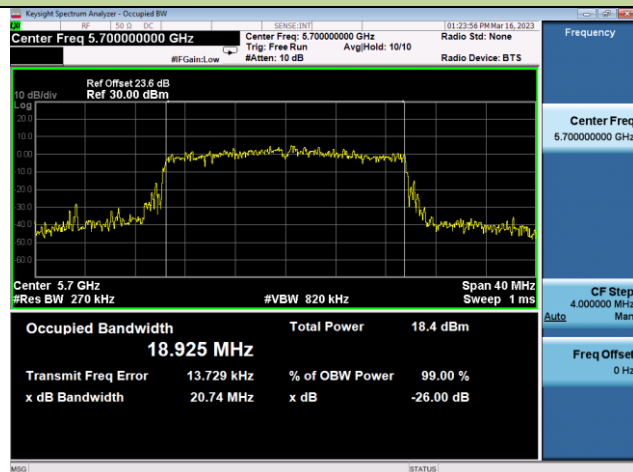
Channel 100 (5500MHz)



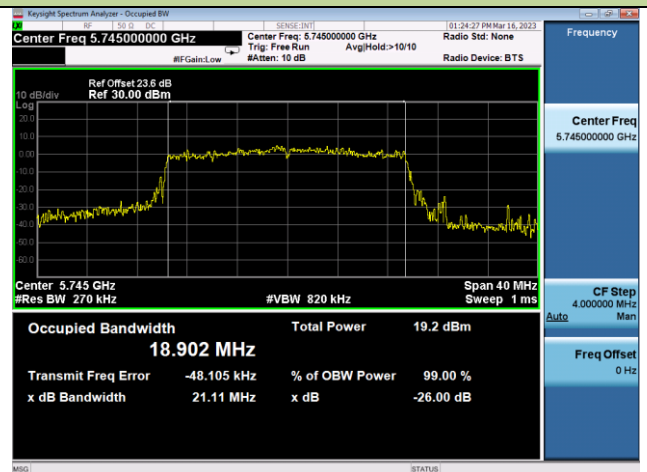
Channel 116 (5580MHz)



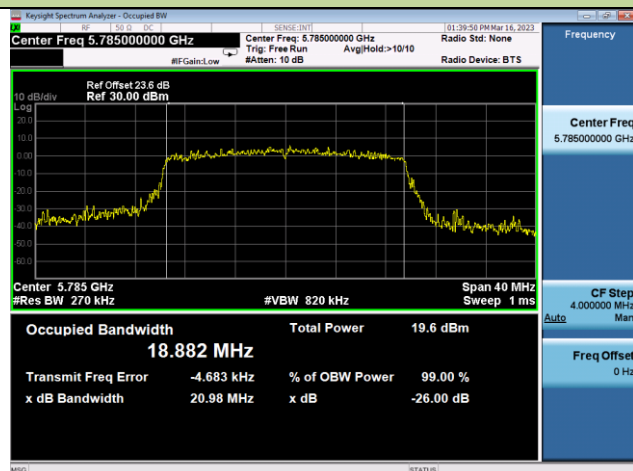
Channel 140 (5700MHz)



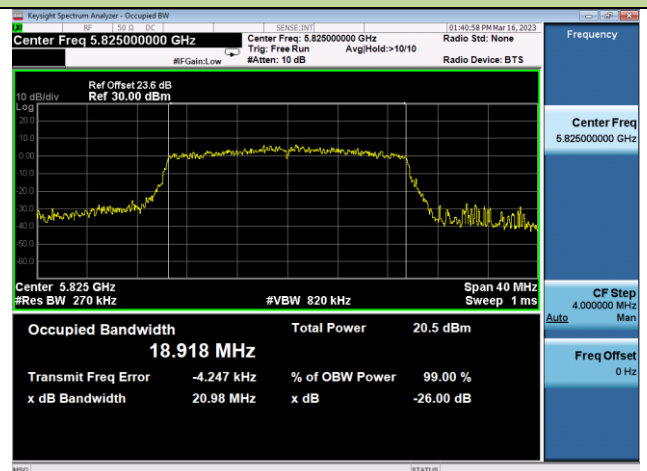
Channel 149 (5745MHz)



Channel 157(5785MHz)

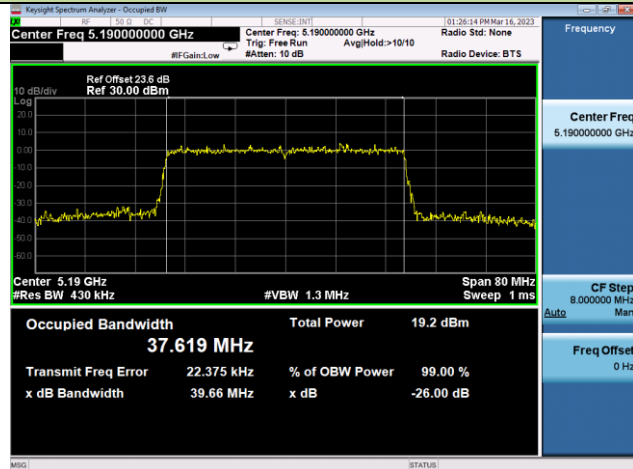


Channel 165 (5825MHz)

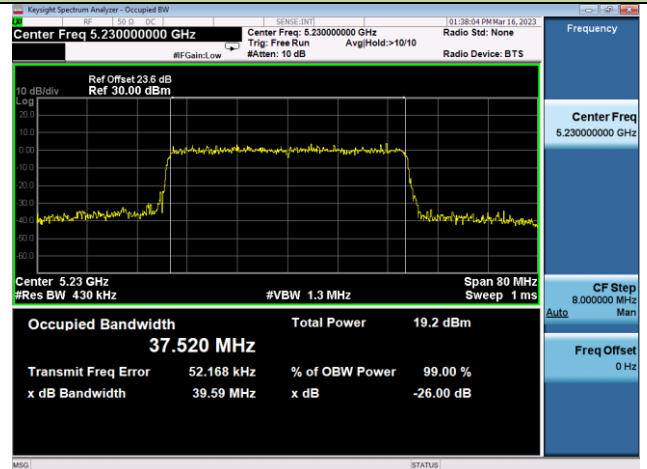


802.11ax-HE40 26dB & 99% Bandwidth – Ant 3

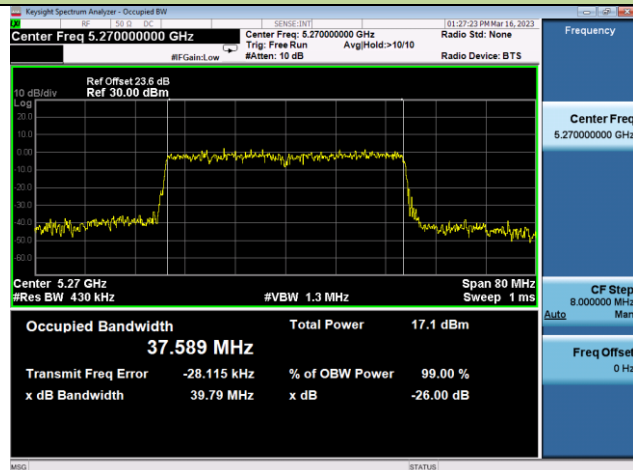
Channel 38 (5190MHz)



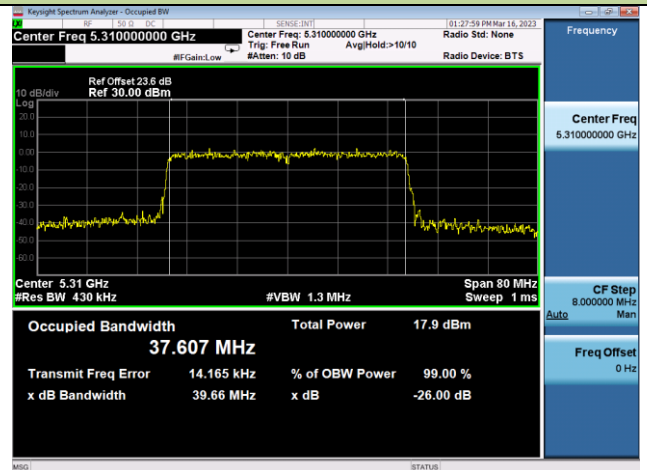
Channel 46 (5230MHz)



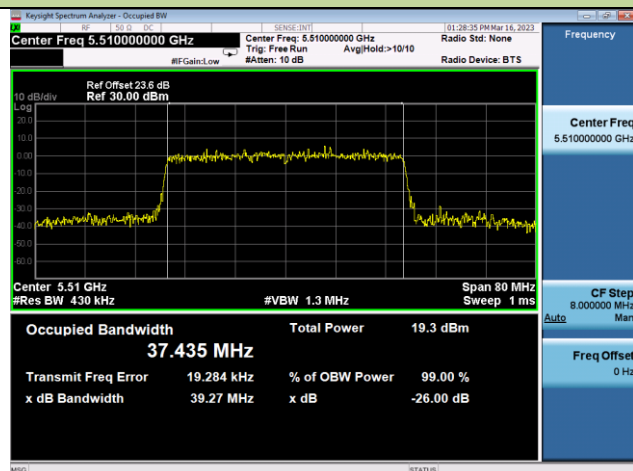
Channel 54 (5270MHz)



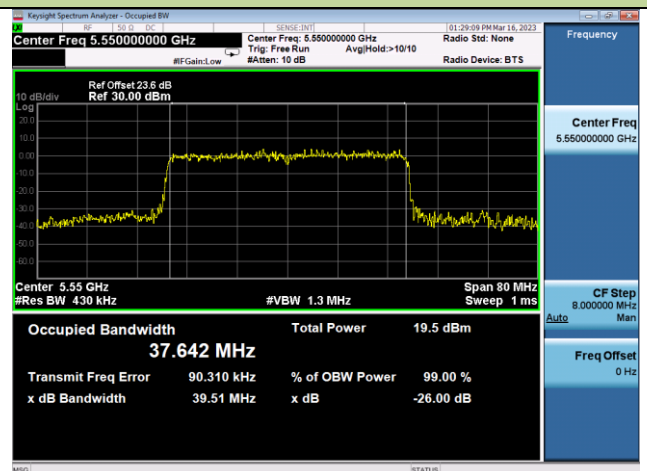
Channel 62 (5310MHz)



Channel 102 (5510MHz)

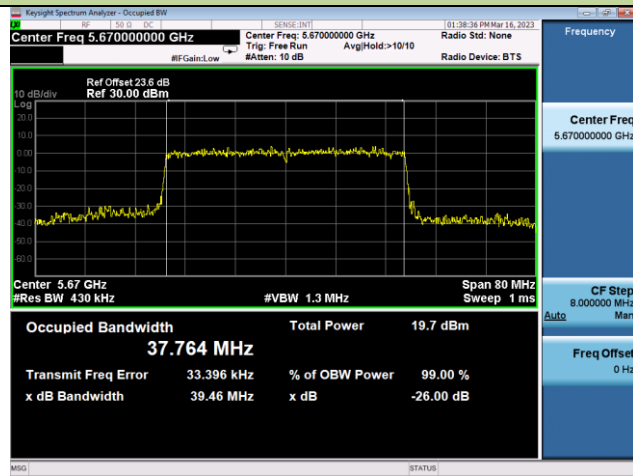


Channel 110 (5550MHz)

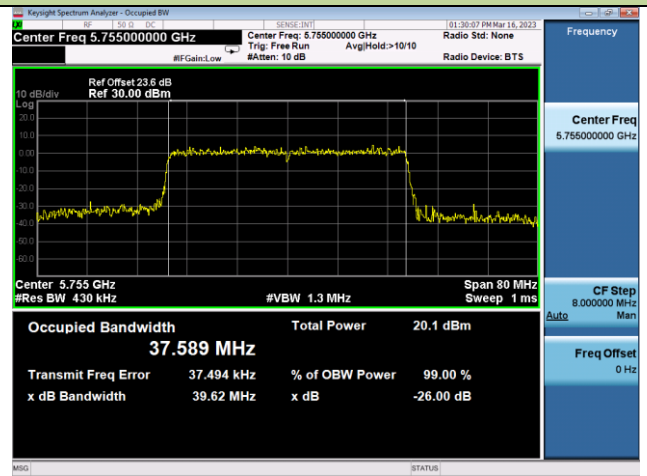


802.11ax-HE40 26dB & 99% Bandwidth – Ant 3

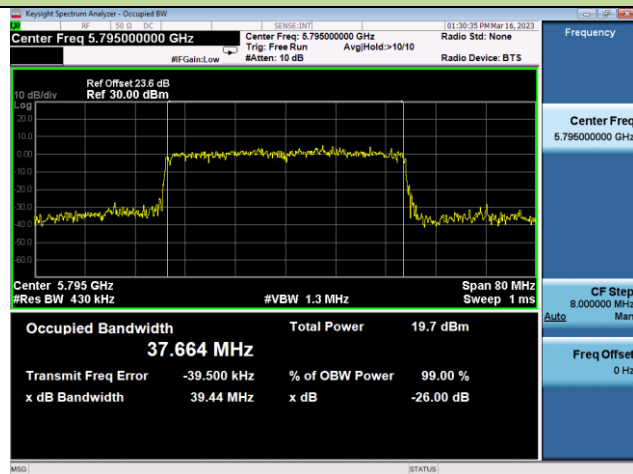
Channel 134 (5670MHz)



Channel 151 (5755MHz)

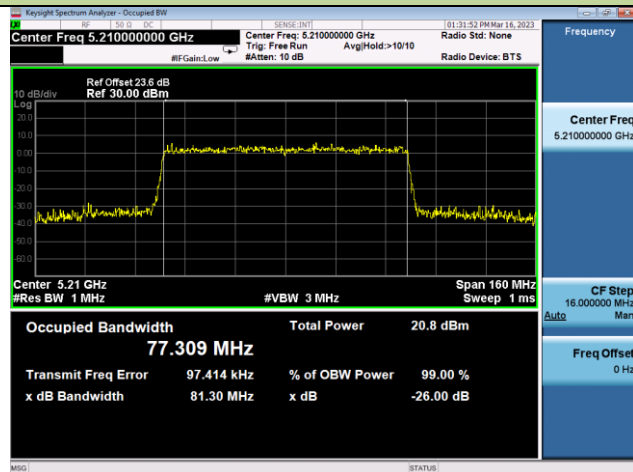


Channel 159(5795MHz)

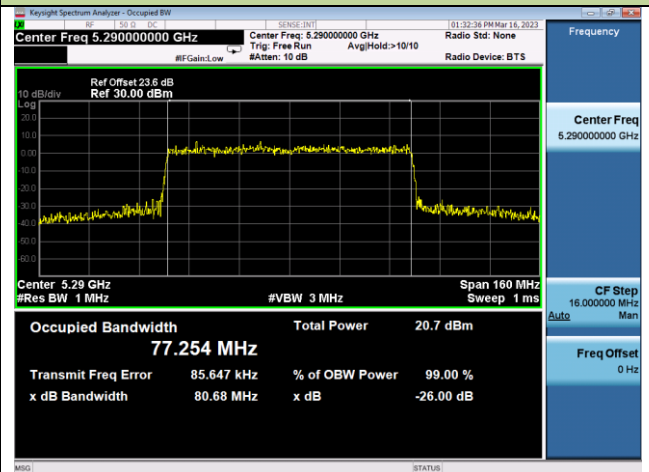


802.11ax-HE80 26dB & 99% Bandwidth – Ant 3

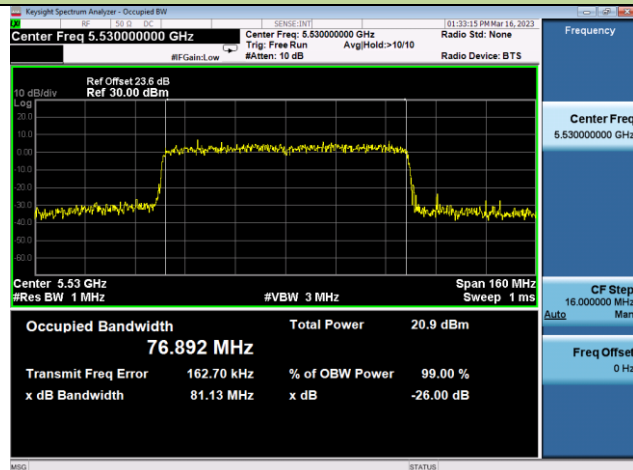
Channel 42 (5210MHz)



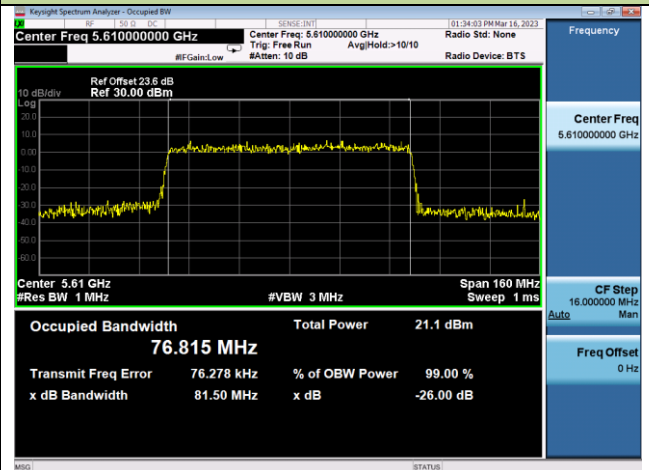
Channel 58 (5290MHz)



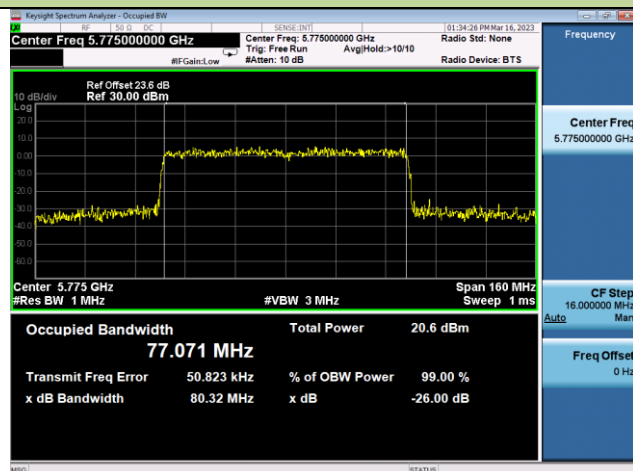
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 155 (5775MHz)



Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-03-30		
Test Mode	802.11ax-HE, Partial RU		

Test Mode	Tone	RU	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax-HE20	26 Tone	RU 0	36	5180	20.22	18.535
			44	5220	19.95	18.406
			48	5240	19.88	18.350
			52	5260	20.19	18.382
			60	5300	20.08	18.527
			64	5320	20.06	18.237
			100	5500	20.09	18.439
			116	5580	20.03	18.453
			140	5700	20.07	18.437
			149	5745	19.93	18.453
			157	5785	20.21	18.403
			165	5825	20.04	18.503
		RU 4	36	5180	19.69	17.497
			44	5220	19.51	17.550
			48	5240	19.48	17.546
			52	5260	19.47	17.391
			60	5300	19.58	17.496
			64	5320	19.50	17.459
			100	5500	19.29	17.540
			116	5580	19.39	17.536
			140	5700	19.19	17.519
			149	5745	19.53	17.494
			157	5785	19.25	17.487
			165	5825	19.42	17.478

Test Mode	Tone	RU	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax-HE20	26 Tone	RU 8	36	5180	20.67	18.678
			44	5220	20.62	18.603
			48	5240	20.72	18.678
			52	5260	20.73	18.679
			60	5300	20.67	18.601
			64	5320	20.47	18.639
			100	5500	20.68	18.685
			116	5580	20.75	18.715
			140	5700	20.74	18.699
			149	5745	20.65	18.738
			157	5785	20.70	18.679
			165	5825	20.69	18.694
	262 Tone	RU 61	36	5180	22.32	19.079
			44	5220	21.69	19.095
			48	5240	22.35	19.082
			52	5260	21.79	19.079
			60	5300	21.88	19.080
			64	5320	21.56	19.084
			100	5500	21.87	19.071
			116	5580	21.83	19.053
			140	5700	21.97	19.105
			149	5745	22.04	19.080
			157	5785	22.00	19.086
			165	5825	21.80	19.135

Test Mode	Tone	RU	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax-HE40	26 Tone	RU 0	38	5190	20.37	18.768
			46	5230	20.28	18.872
			54	5270	20.42	18.822
			62	5310	20.16	18.783
			102	5510	20.69	19.017
			110	5550	20.24	18.744
			134	5670	20.51	18.974
			151	5755	20.17	18.633
			159	5795	20.58	19.013
		RU 8	38	5190	23.62	21.001
			46	5230	22.58	20.600
			54	5270	24.07	21.168
			62	5310	24.04	21.131
			102	5510	23.59	20.626
			110	5550	23.18	20.836
			134	5670	22.58	20.717
			151	5755	25.26	21.002
			159	5795	24.86	21.034

Test Mode	Tone	RU	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax-HE40	26 Tone	RU 17	38	5190	20.67	19.367
			46	5230	20.73	19.369
			54	5270	20.40	19.339
			62	5310	20.51	19.342
			102	5510	20.16	19.321
			110	5550	20.61	19.363
			134	5670	20.48	19.335
			151	5755	20.65	19.422
			159	5795	20.74	19.500
	484 Tone	RU 65	38	5190	40.32	37.664
			46	5230	40.48	37.635
			54	5270	40.38	37.664
			62	5310	40.16	37.629
			102	5510	40.27	37.625
			110	5550	40.14	37.653
			134	5670	40.28	37.647
			151	5755	40.11	37.671
			159	5795	40.18	37.535

Test Mode	Tone	RU	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax-HE80	26 Tone	RU 0	42	5210	21.24	19.911
			58	5290	21.22	19.742
			106	5530	21.38	19.734
			122	5610	21.07	19.994
			155	5775	20.41	19.125
		RU 18	42	5210	41.85	38.910
			58	5290	40.31	38.763
			106	5530	41.90	38.869
			122	5610	41.26	38.745
			155	5775	41.33	38.757
		RU 36	42	5210	22.89	22.523
			58	5290	21.56	21.711
			106	5530	22.77	22.236
			122	5610	21.93	22.289
			155	5775	22.88	21.927
	996 Tone	RU 67	42	5210	81.86	77.204
			58	5290	81.68	77.187
			106	5530	81.42	76.978
			122	5610	81.46	76.986
			155	5775	81.61	77.159

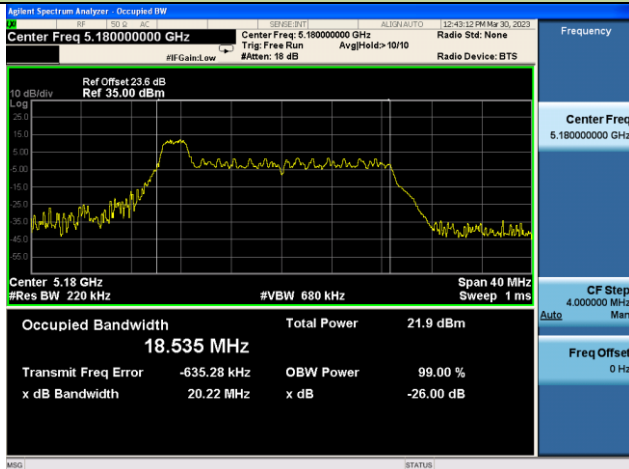
Test Mode	Tone	RU	Channel No.	Frequency (MHz)	F _H (MHz)	Limit (MHz)
802.11ax-HE20	26 Tone	RU 0	48	5240	5249.18	< 5250
		RU 4			5248.77	
		RU 8			5249.34	
	242 Tone	RU 61			5249.54	
802.11ax-HE40	26 Tone	RU 0	46	5230	5239.44	< 5250
		RU 8			5240.30	
		RU 17			5239.68	
	484 Tone	RU 65			5248.82	
802.11ax-HE80	26 Tone	RU 0	42	5210	5219.96	< 5250
		RU 18			5229.46	
		RU 36			5221.26	
	996 Tone	RU 67			5248.60	

Note: F_H = Centre frequency + 99% OBW / 2.

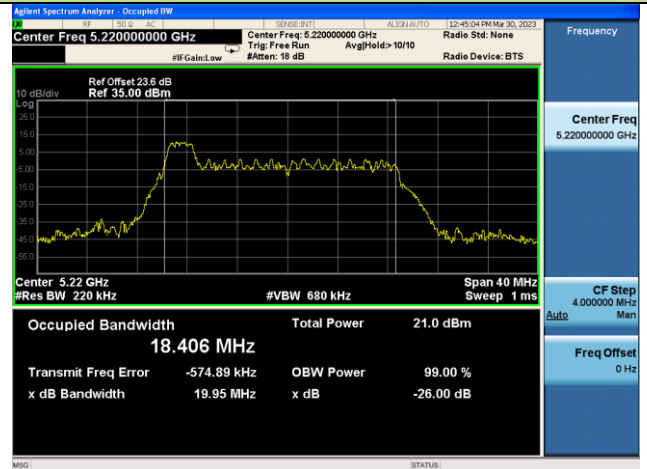
For example, 802.11ax-HE20 26 Tone RU 0 5240MHz, F_H = 5240 MHz + 18.350 MHz / 2 = 5249.18MHz.

802.11ax-HE20 26dB Bandwidth – Ant 3 – 26 Tone RU 0

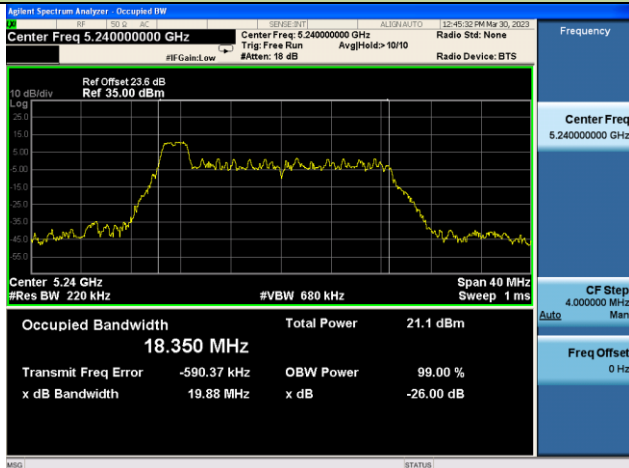
Channel 36 (5180MHz)



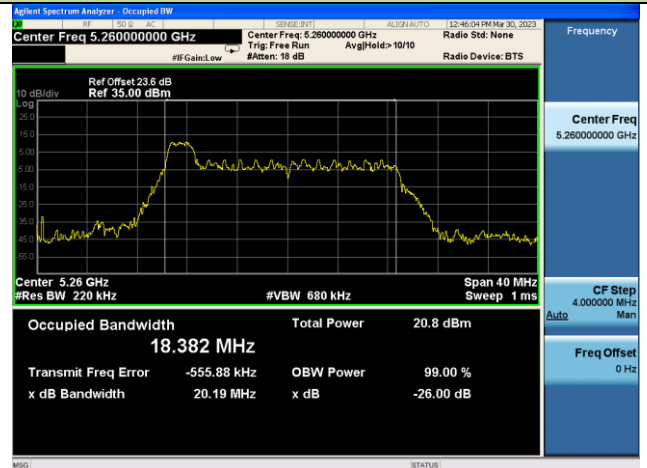
Channel 44 (5220MHz)



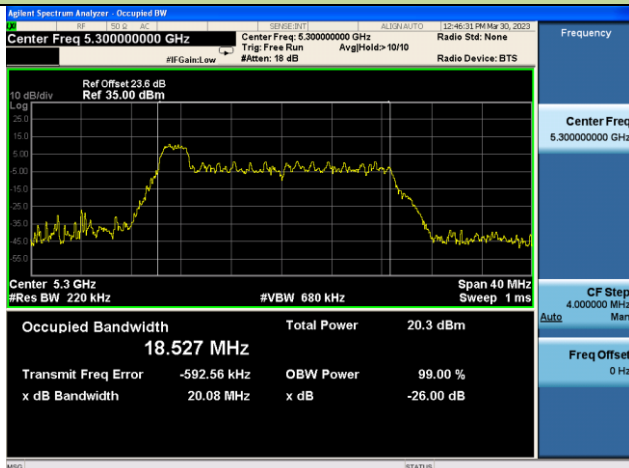
Channel 48 (5240MHz)



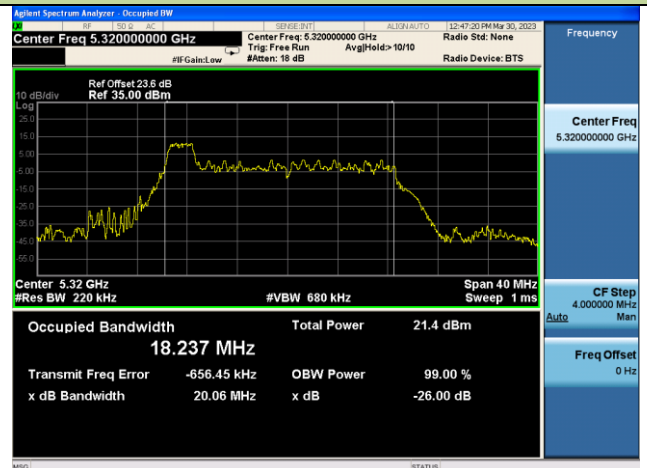
Channel 52 (5260MHz)



Channel 60 (5300MHz)

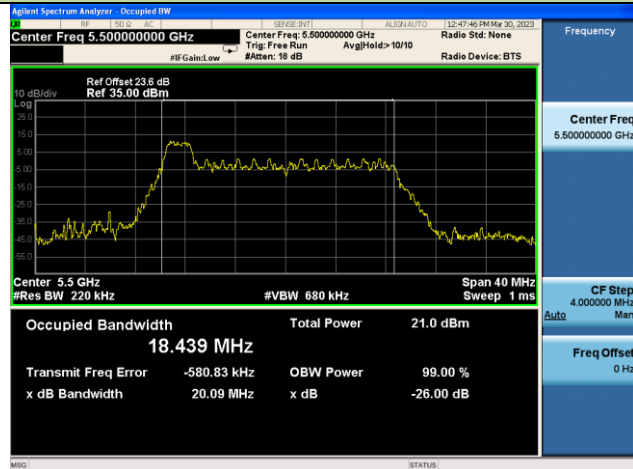


Channel 64 (5320MHz)

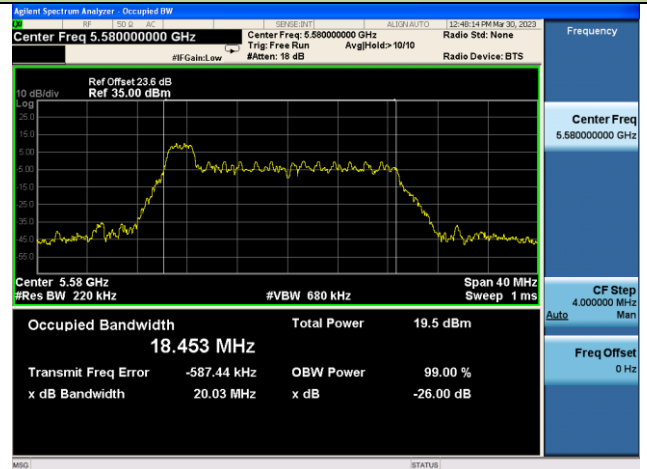


802.11ax-HE20 26dB Bandwidth – Ant 3 – 26 Tone RU 0

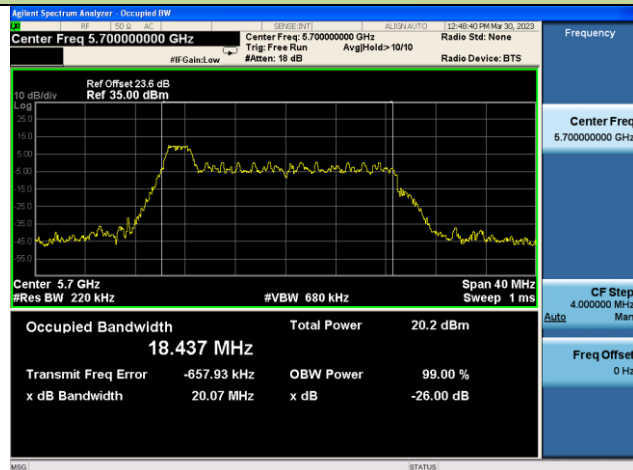
Channel 100 (5500MHz)



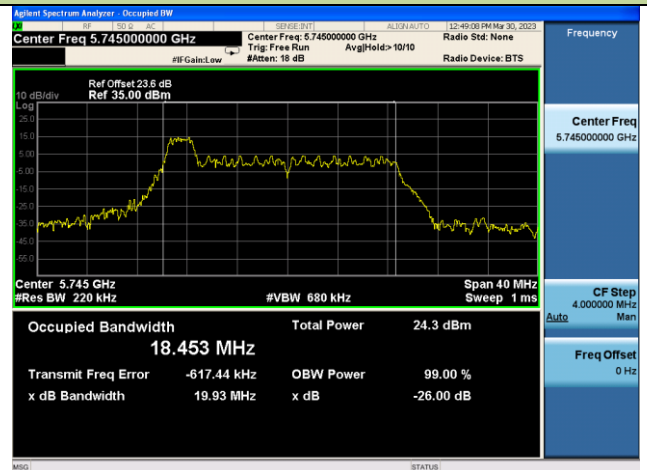
Channel 116 (5580MHz)



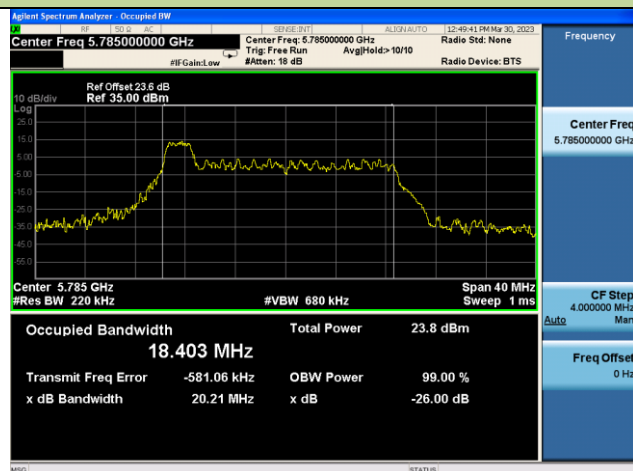
Channel 140 (5700MHz)



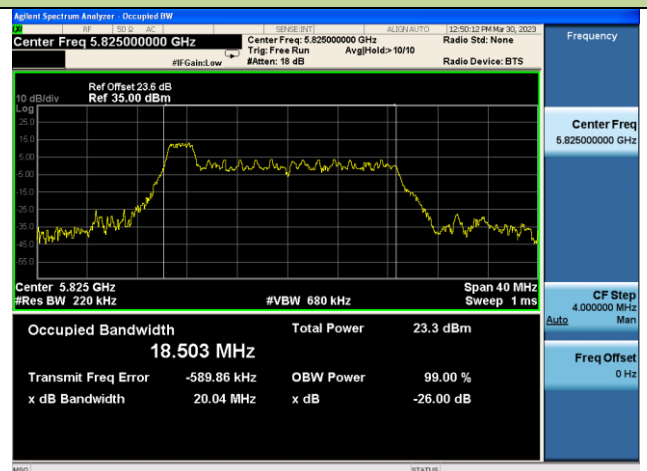
Channel 149 (5745MHz)



Channel 157(5785MHz)

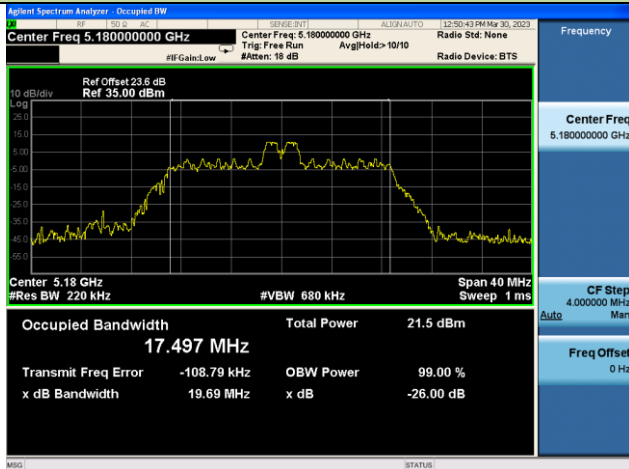


Channel 165 (5825MHz)

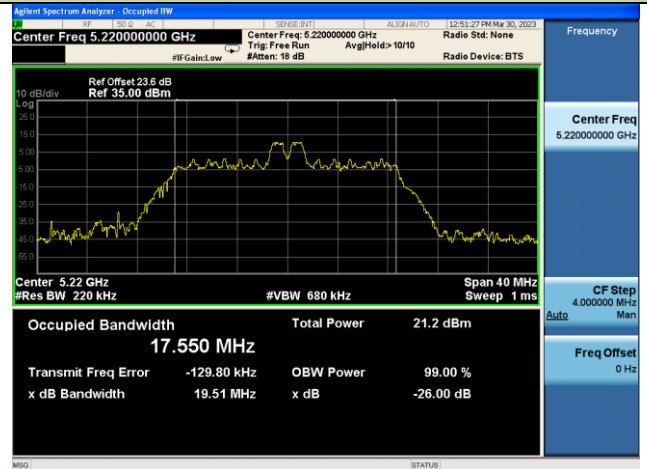


802.11ax-HE20 26dB Bandwidth – Ant 3 – 26 Tone RU 4

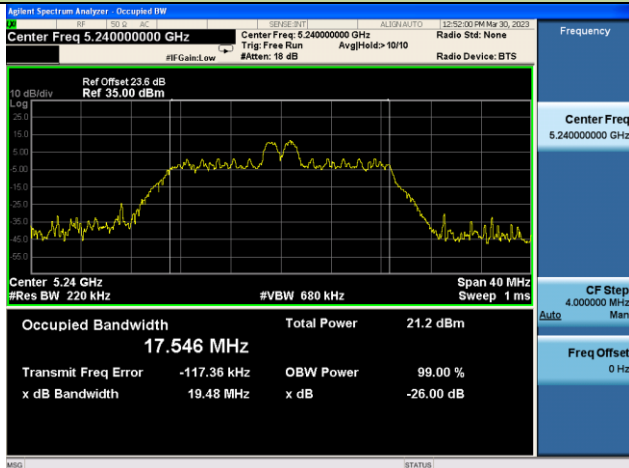
Channel 36 (5180MHz)



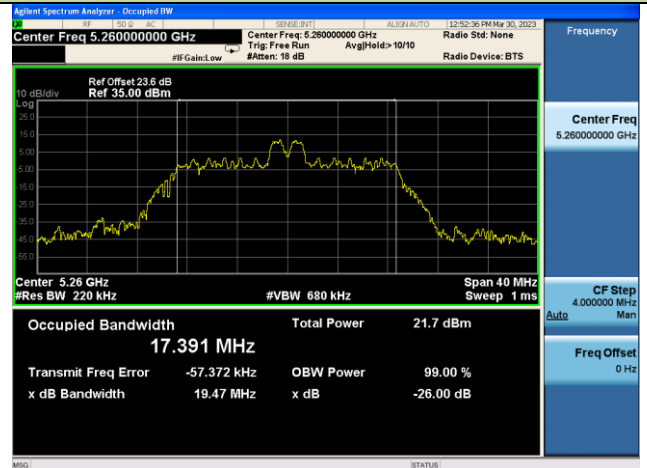
Channel 44 (5220MHz)



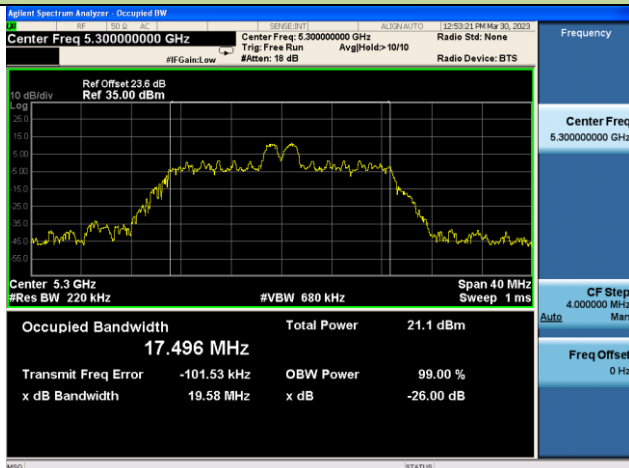
Channel 48 (5240MHz)



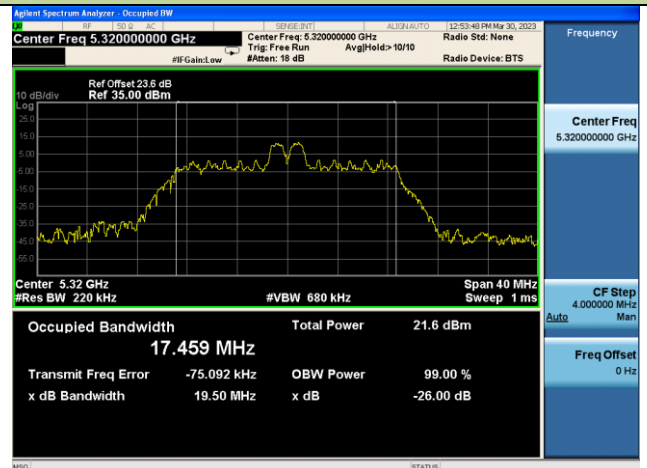
Channel 52 (5260MHz)



Channel 60 (5300MHz)

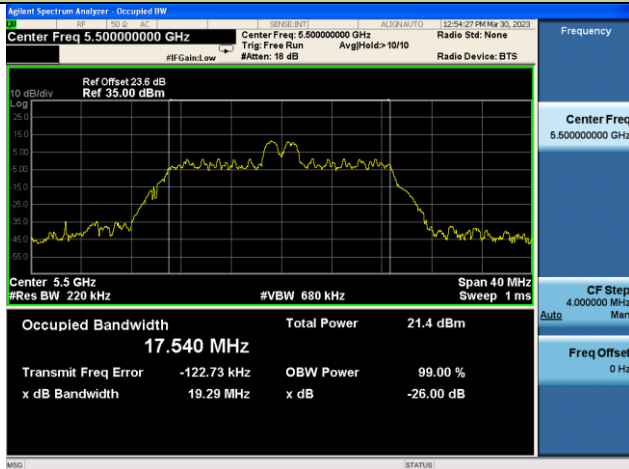


Channel 64 (5320MHz)

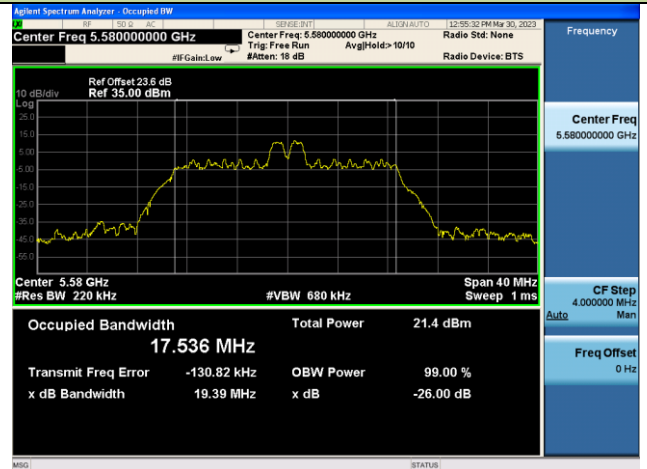


802.11ax-HE20 26dB Bandwidth – Ant 3 – 26 Tone RU 4

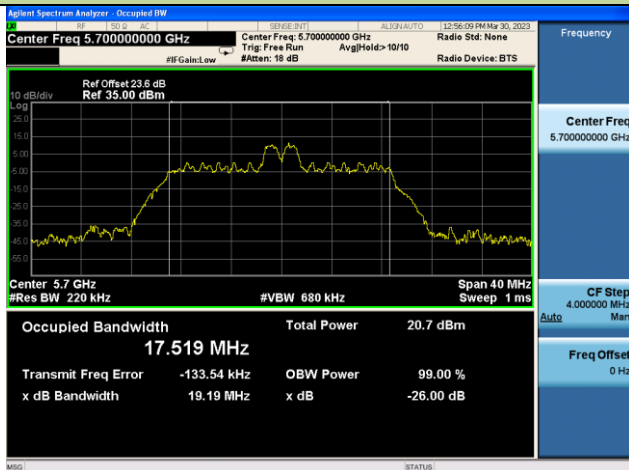
Channel 100 (5500MHz)



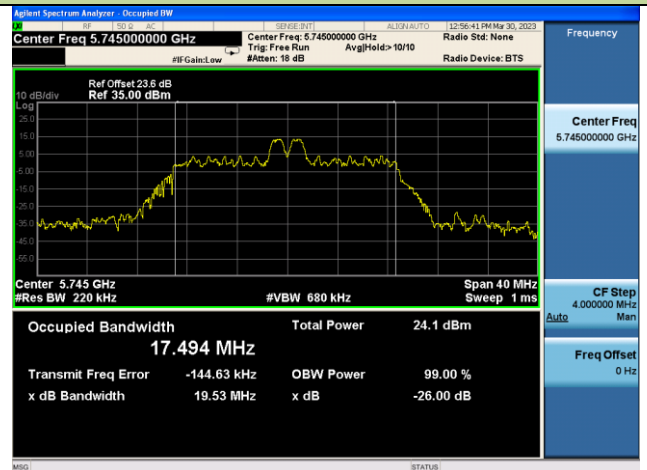
Channel 116 (5580MHz)



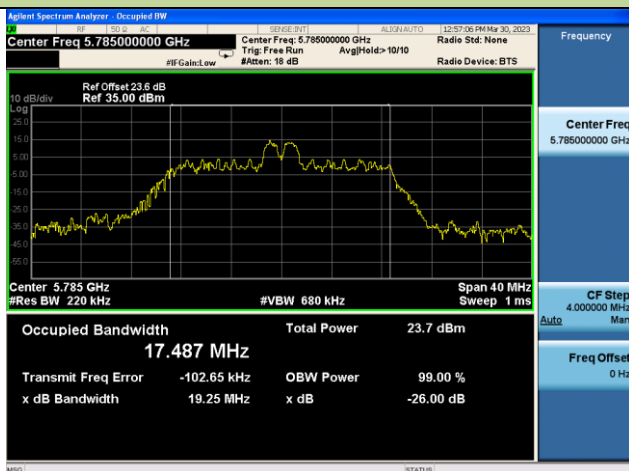
Channel 140 (5700MHz)



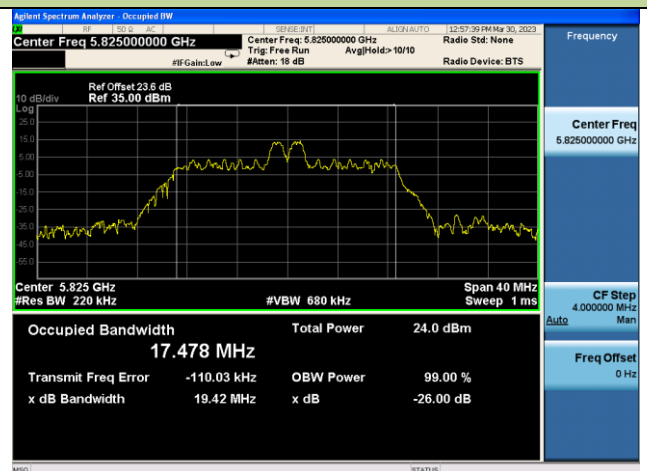
Channel 149 (5745MHz)



Channel 157(5785MHz)

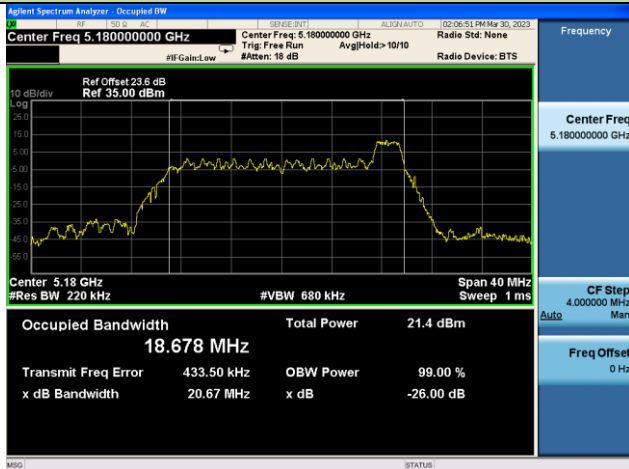


Channel 165 (5825MHz)

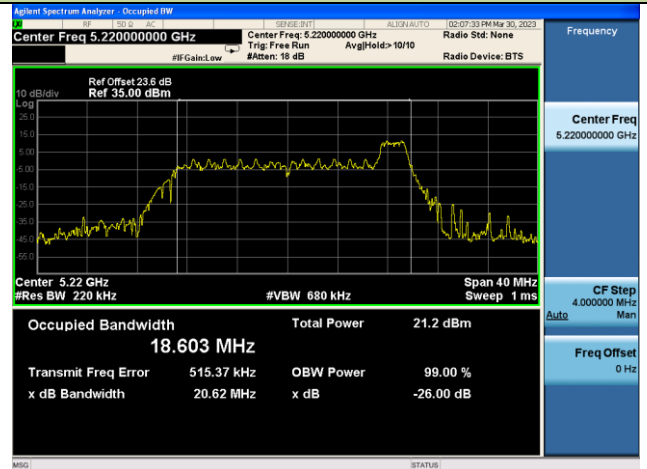


802.11ax-HE20 26dB Bandwidth – Ant 3 – 26 Tone RU 8

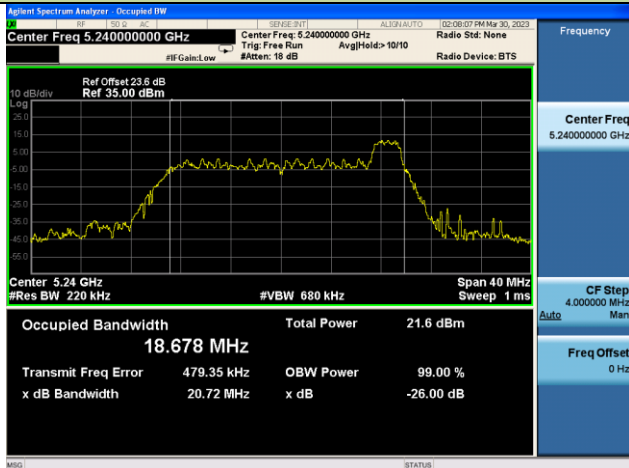
Channel 36 (5180MHz)



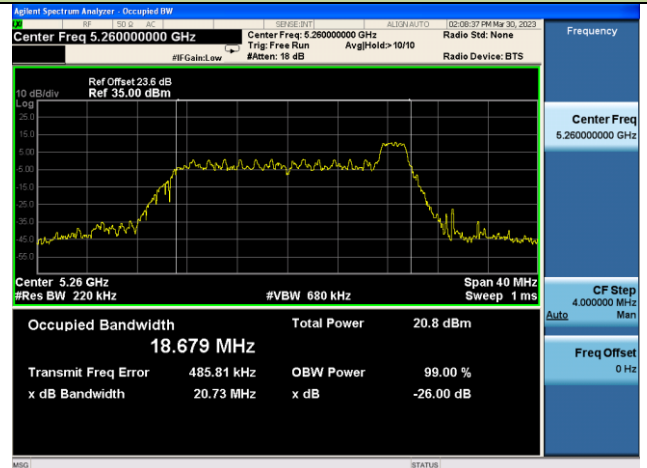
Channel 44 (5220MHz)



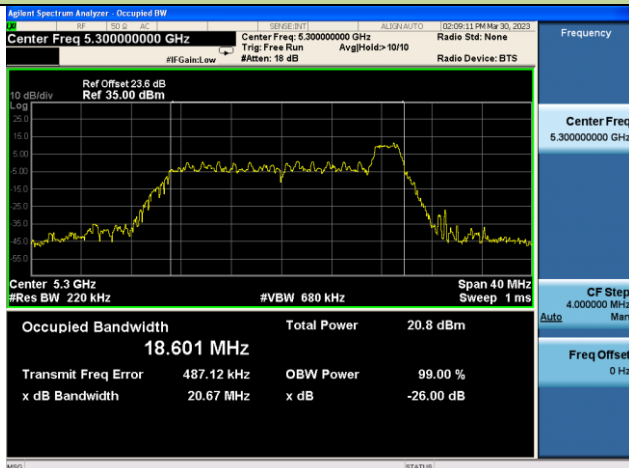
Channel 48 (5240MHz)



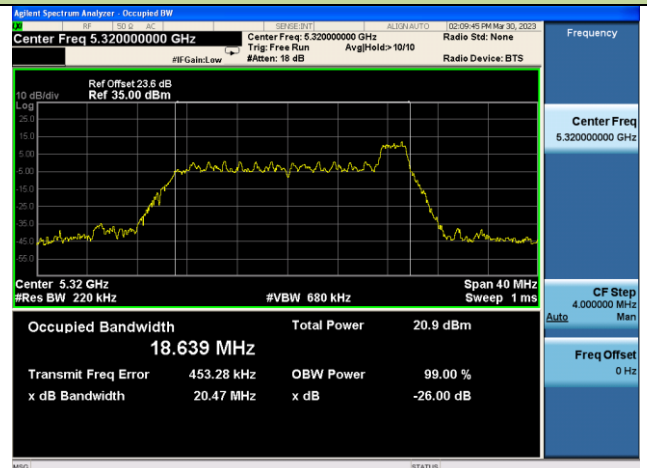
Channel 52 (5260MHz)



Channel 60 (5300MHz)

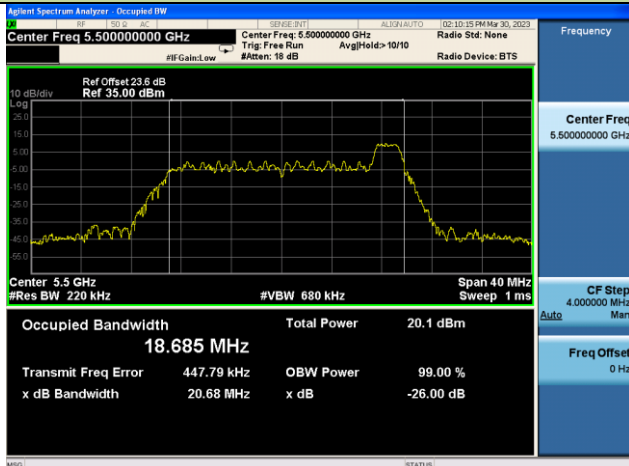


Channel 64 (5320MHz)

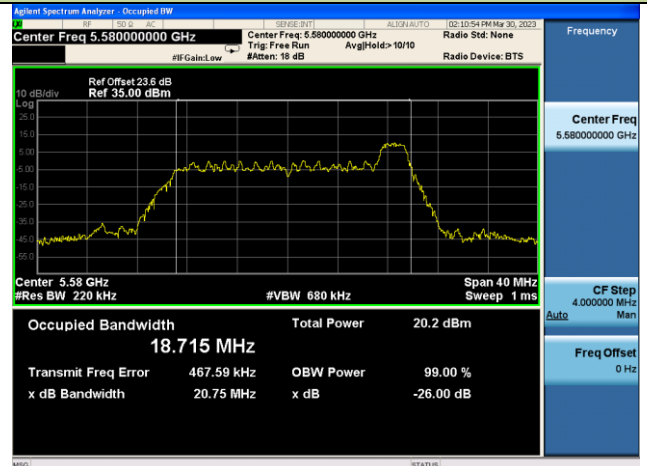


802.11ax-HE20 26dB Bandwidth – Ant 3 – 26 Tone RU 8

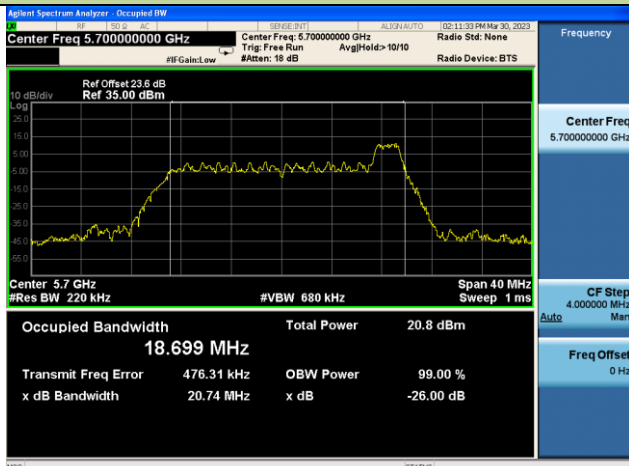
Channel 100 (5500MHz)



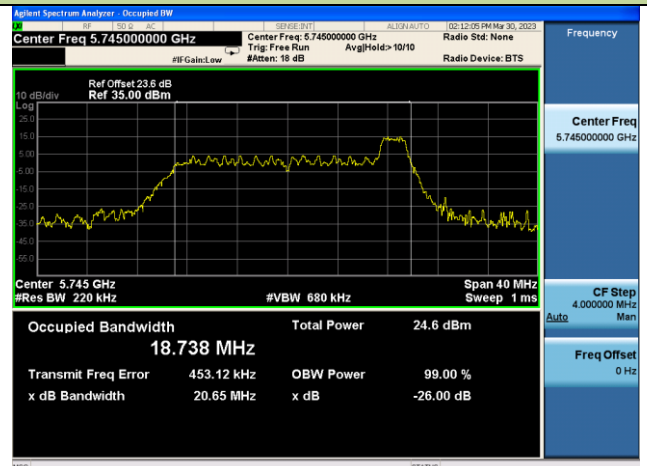
Channel 116 (5580MHz)



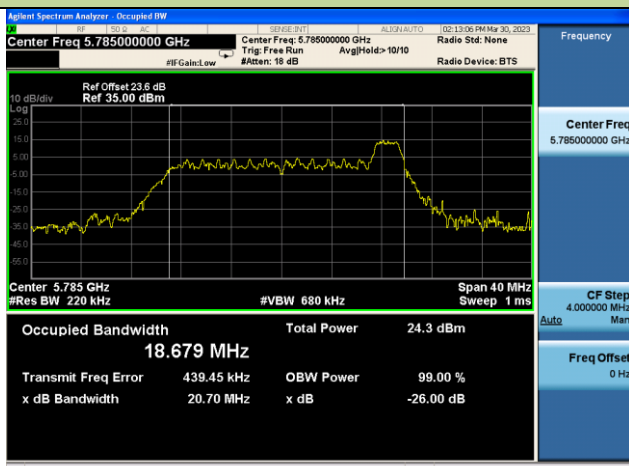
Channel 140 (5700MHz)



Channel 149 (5745MHz)



Channel 157(5785MHz)



Channel 165 (5825MHz)

