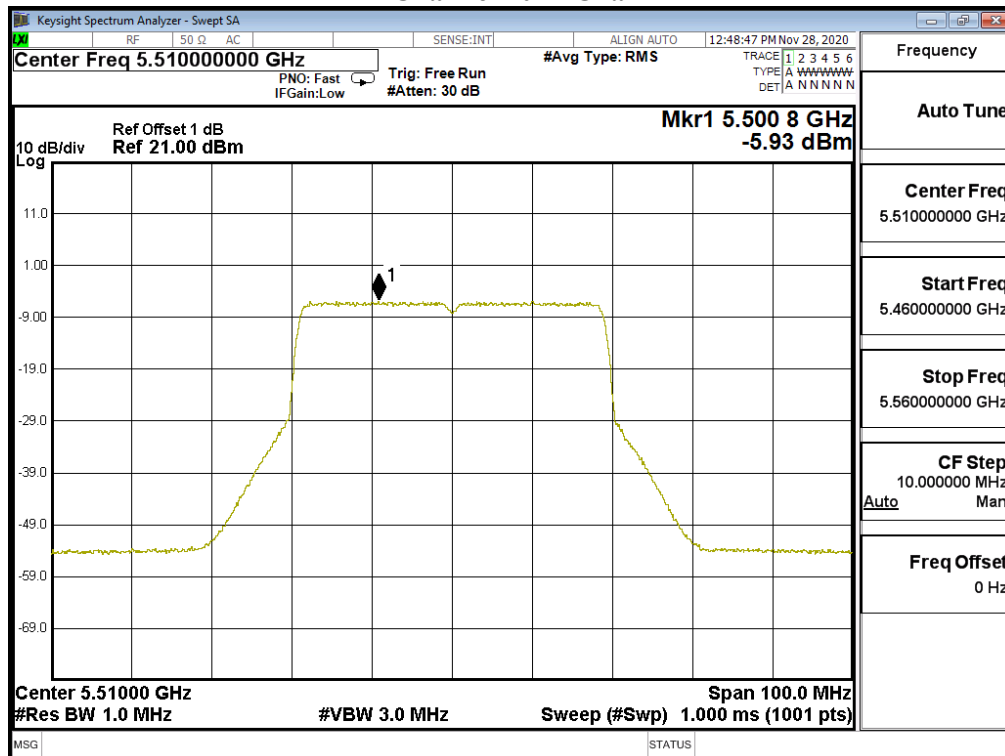
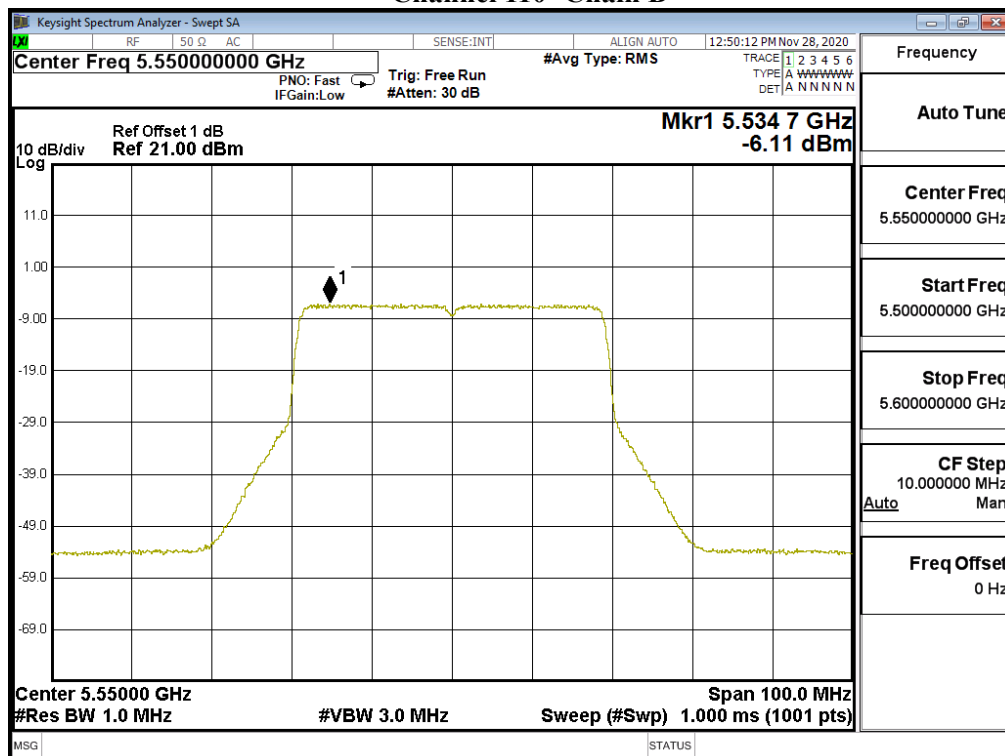


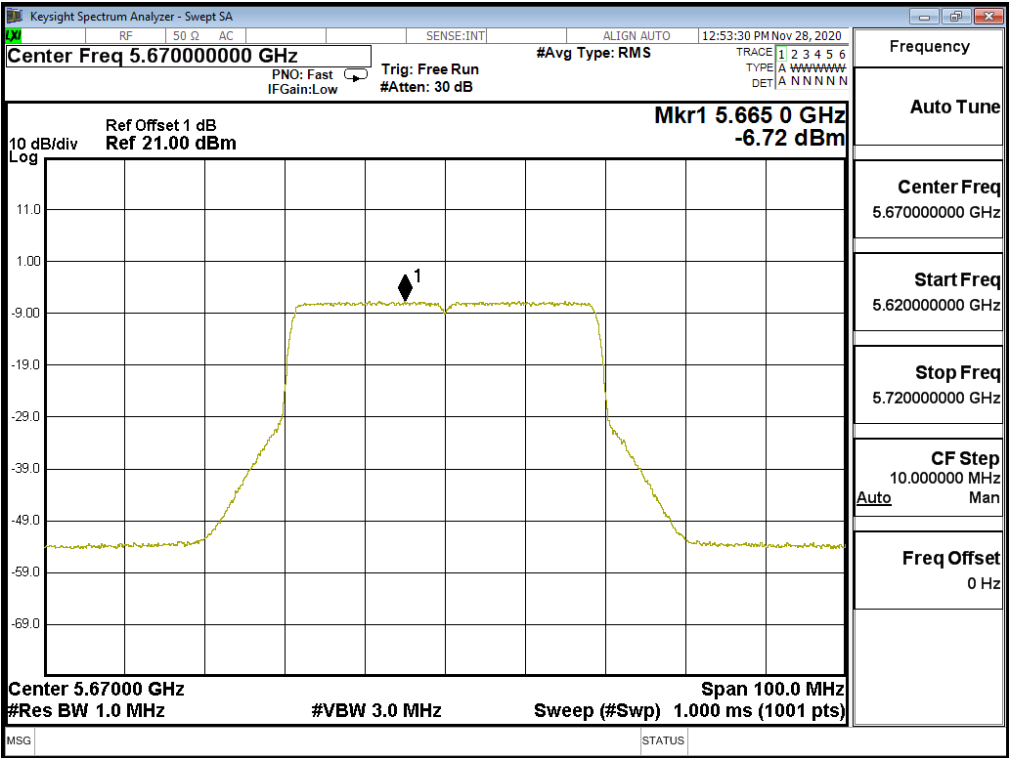
Channel 102 - Chain B



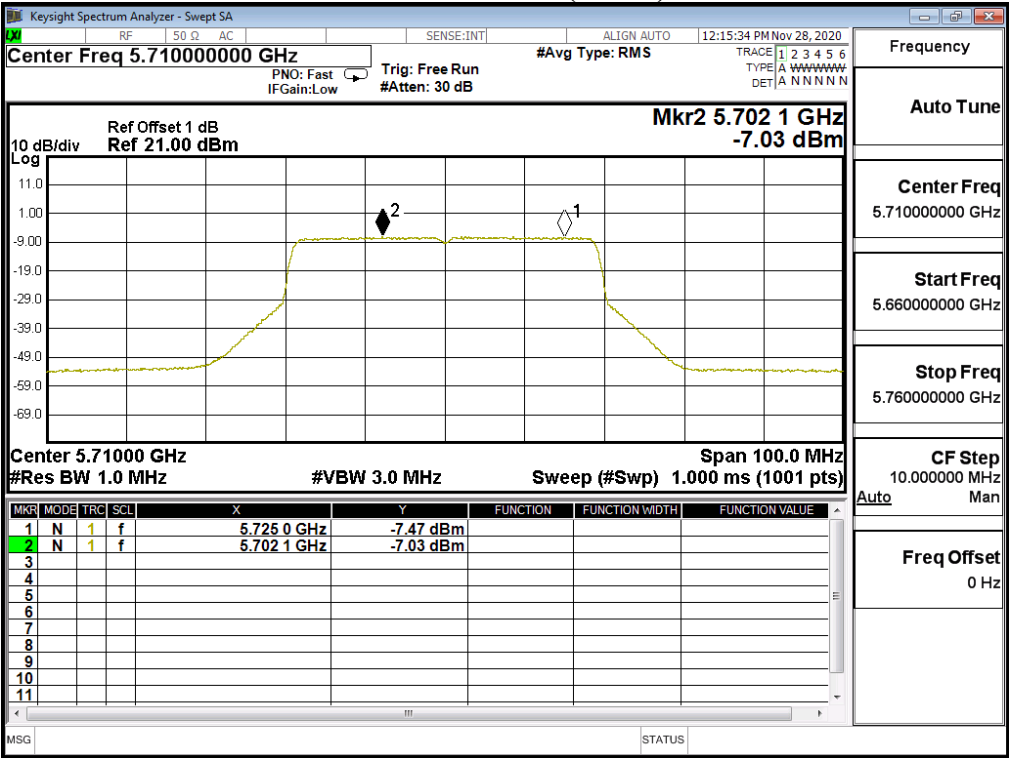
Channel 110- Chain B



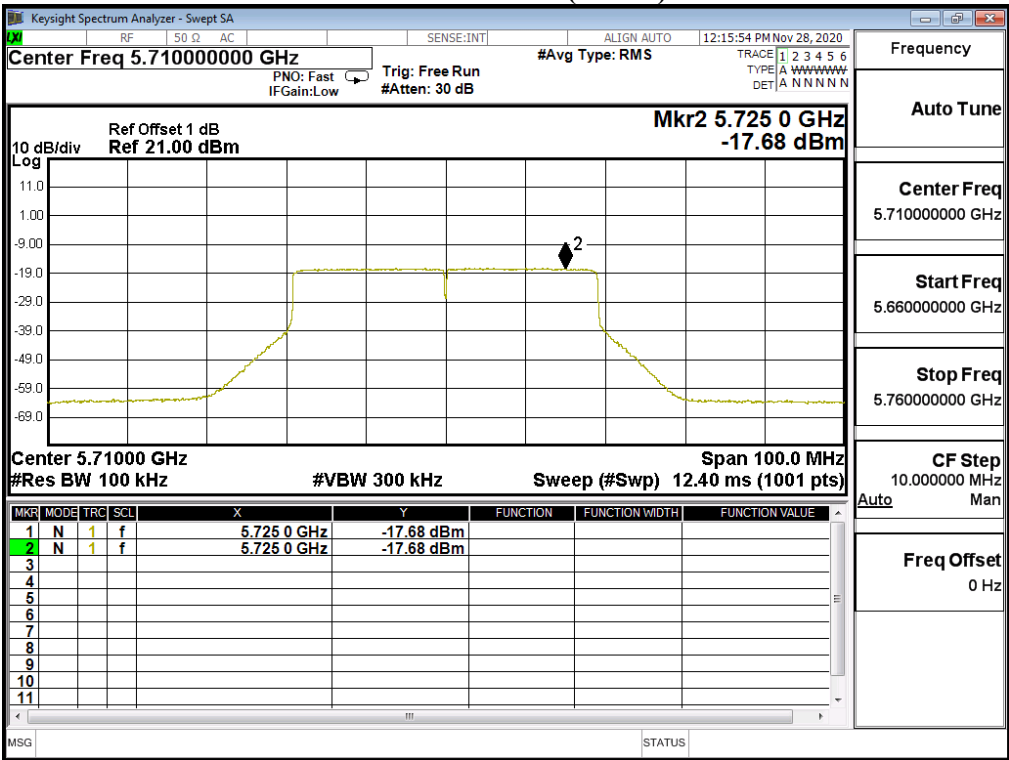
Channel 134- Chain B



Channel 142 - (Band3) - Chain B

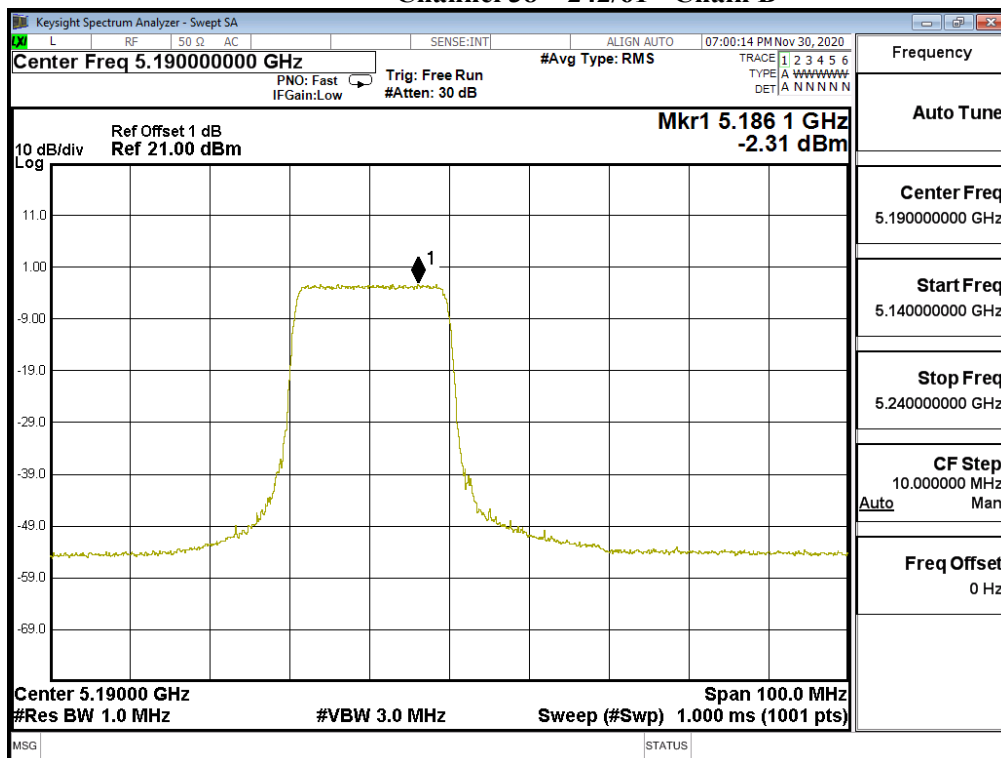


Channel 142- (Band4) - Chain B

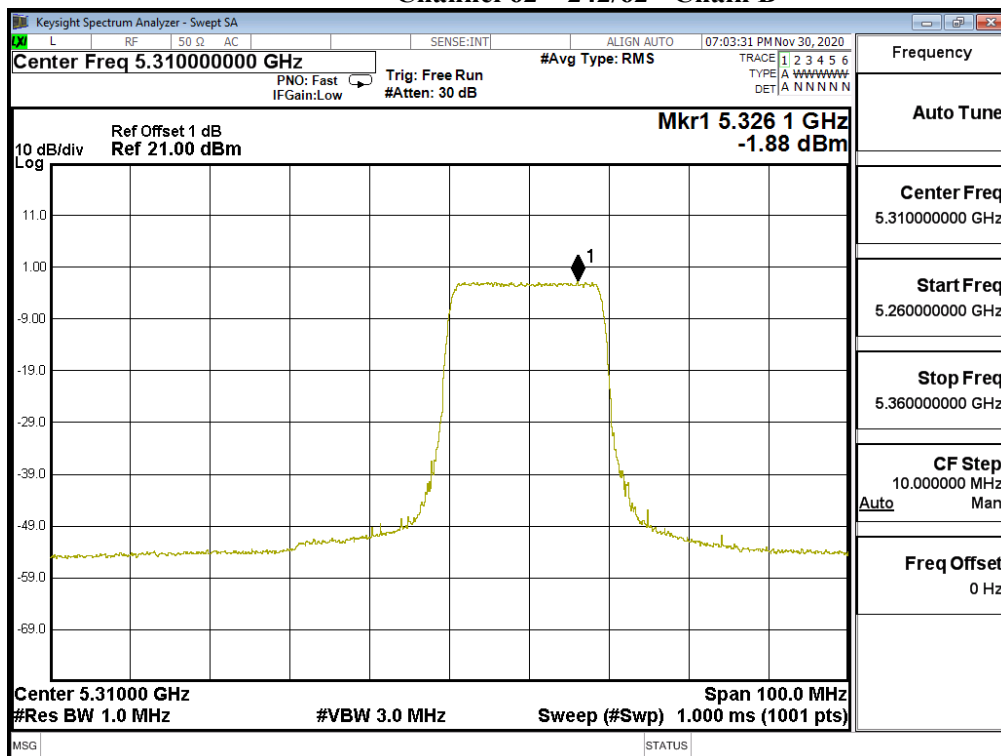


RU config: Other

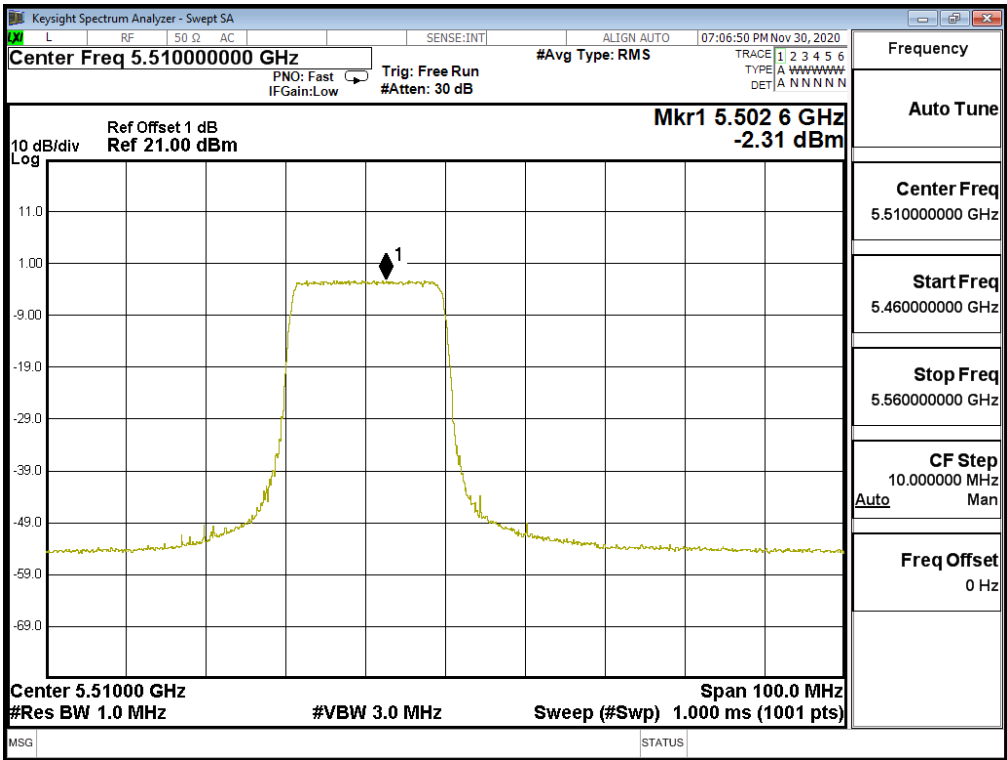
Channel 38 – 242/61 - Chain B



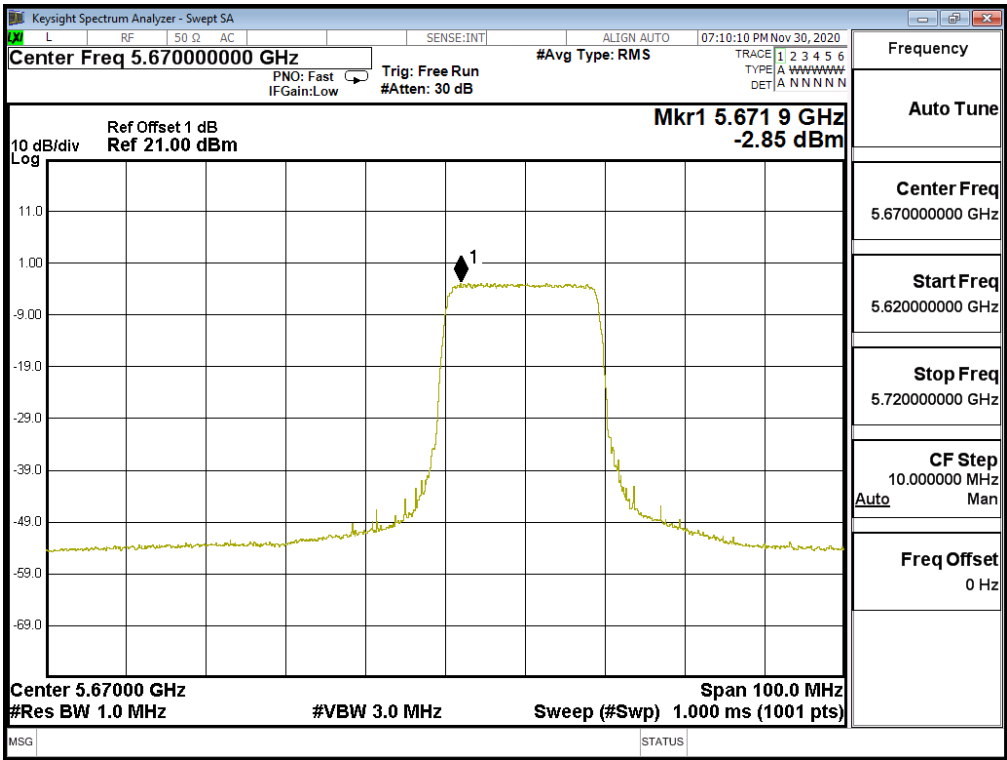
Channel 62 – 242/62 - Chain B



Channel 102 – 242/61 - Chain B



Channel 134 – 242/62 - Chain B



Product : Notebook Computers
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 17: SISO B: Transmit (802.11ax-80BW_36Mbps)

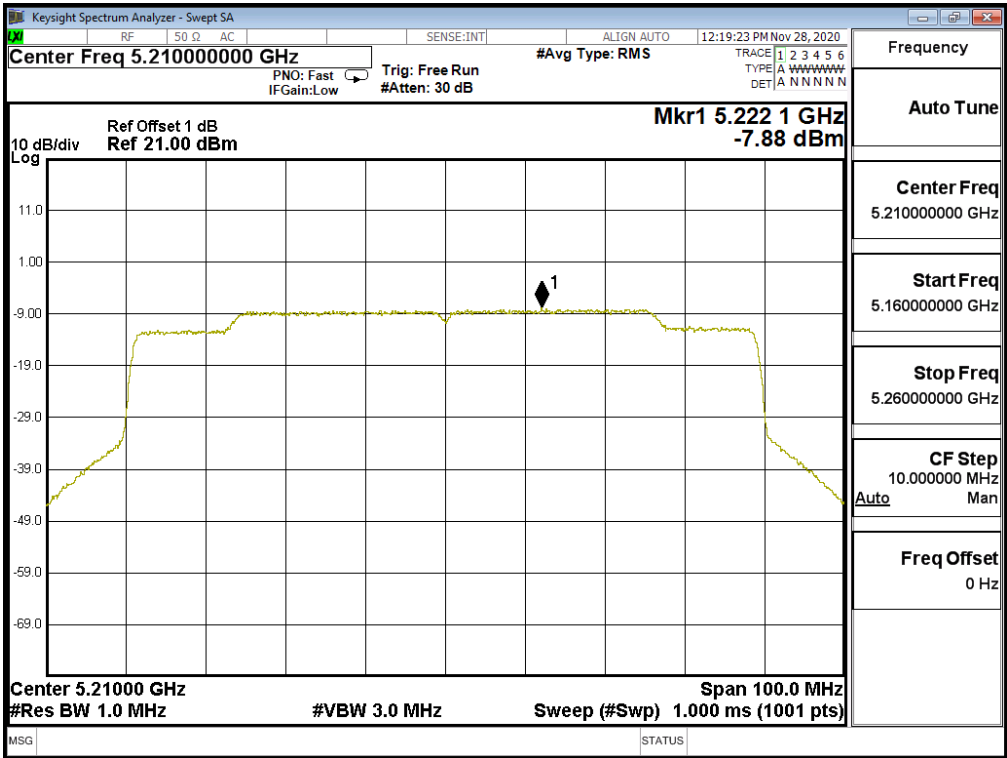
RU config: Full

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
42	5210	B	-7.88	--	0.21	-7.67	<11	Pass
58	5290	B	-7.50	--	0.21	-7.29	<11	Pass
106	5530	B	-9.58	--	0.21	-9.37	<11	Pass
122	5610	B	-9.78	--	0.21	-9.57	<11	Pass
138	5690(Band3)	B	-9.88	--	0.21	-9.67	<11	Pass
	5690(Band4)	B	-23.79	6.98	0.21	-16.60	<30	Pass

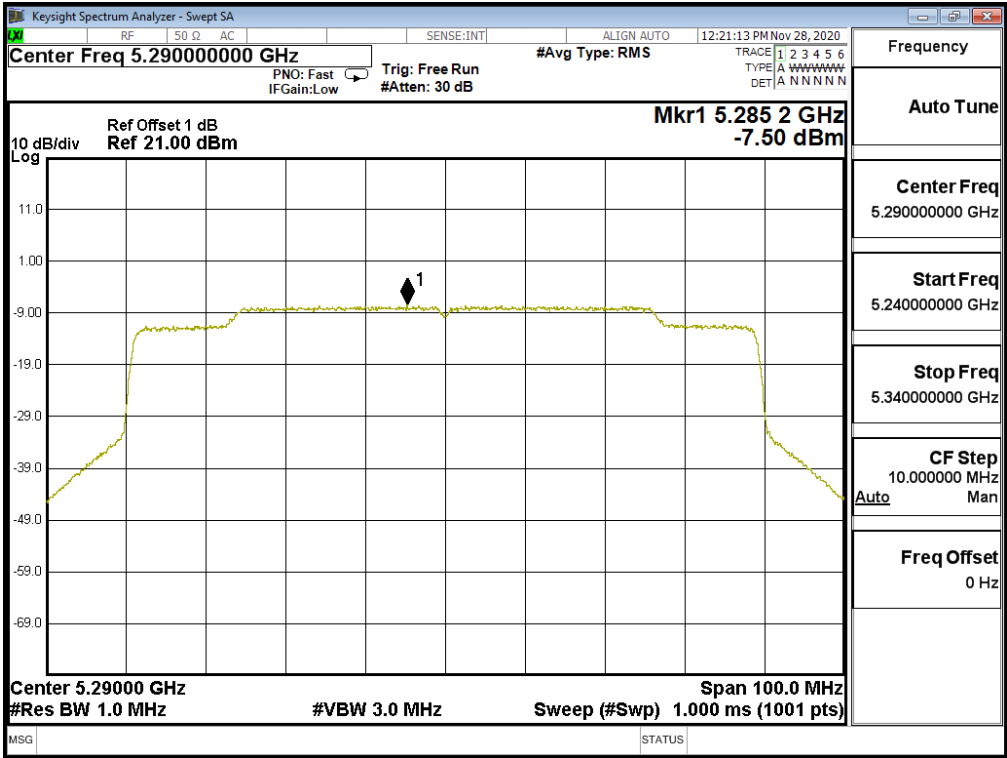
RU config: Other

Channel / Frequenc	RU setting	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
5210	484-65	B	-4.93	--	0.14	-4.79	<11	Pass
5290	484-66	B	-4.91	--	0.14	-4.77	<11	Pass
5530	484-65	B	-6.04	--	0.14	-5.90	<11	Pass

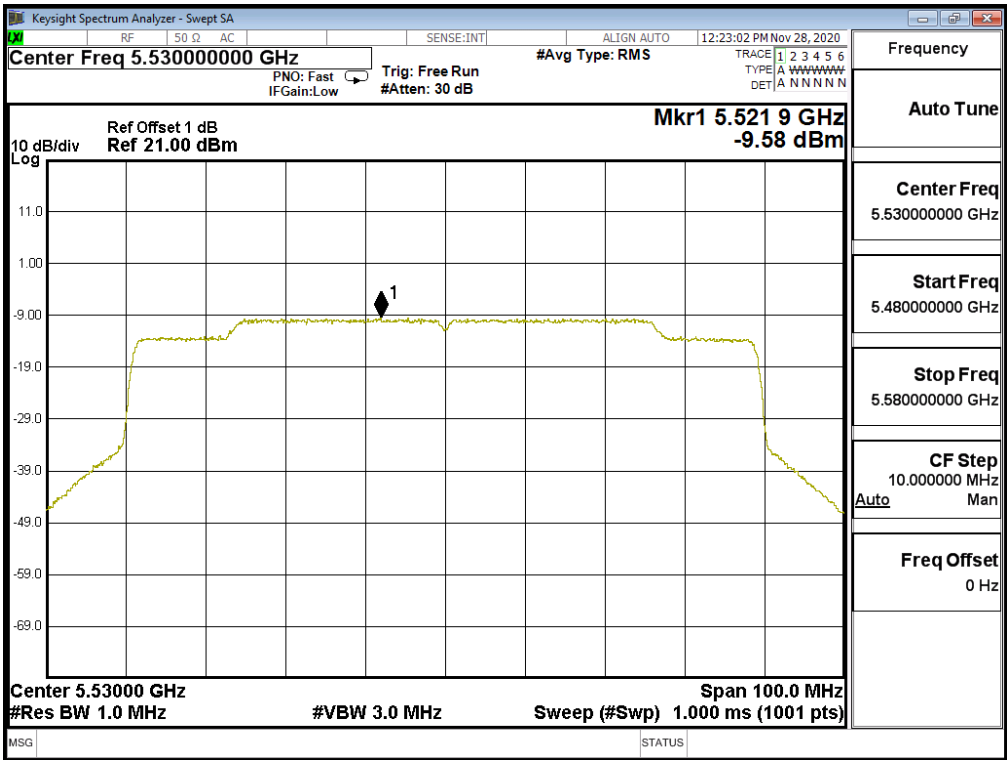
RU config: Full
Channel 42 - Chain B



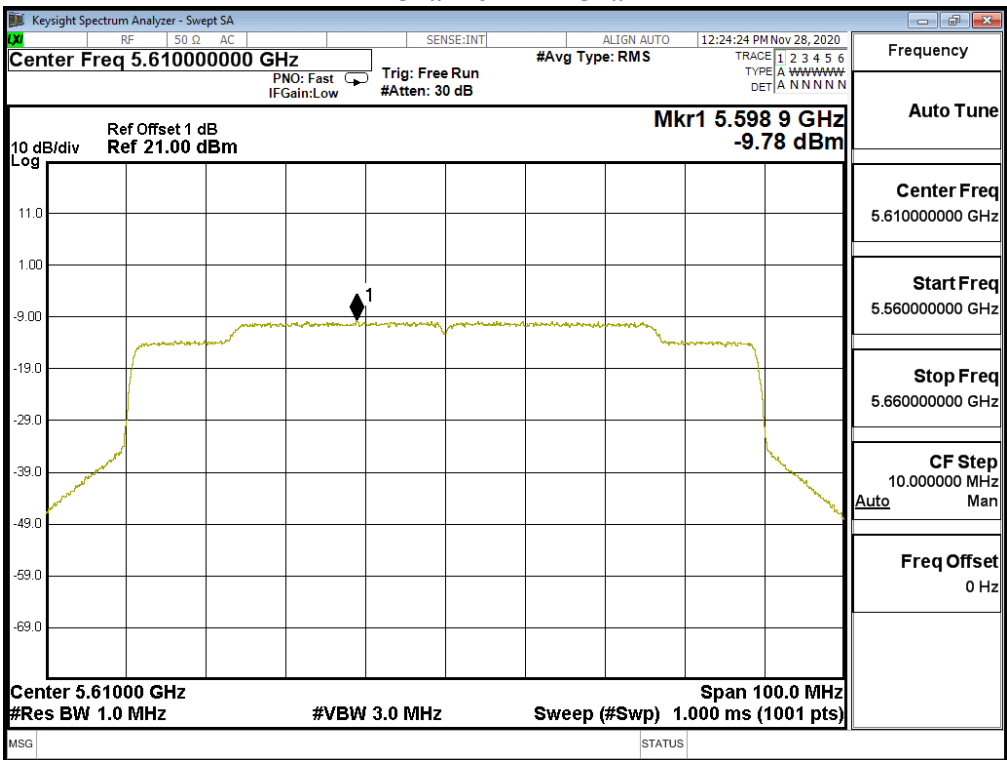
Channel 58 - Chain B



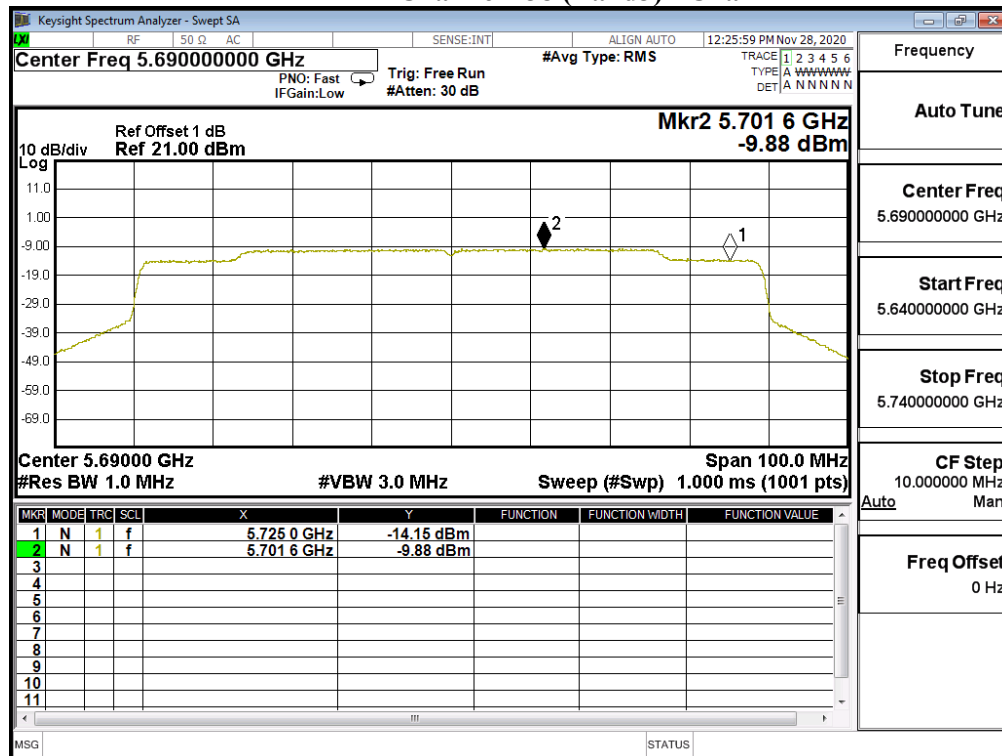
Channel 106- Chain B



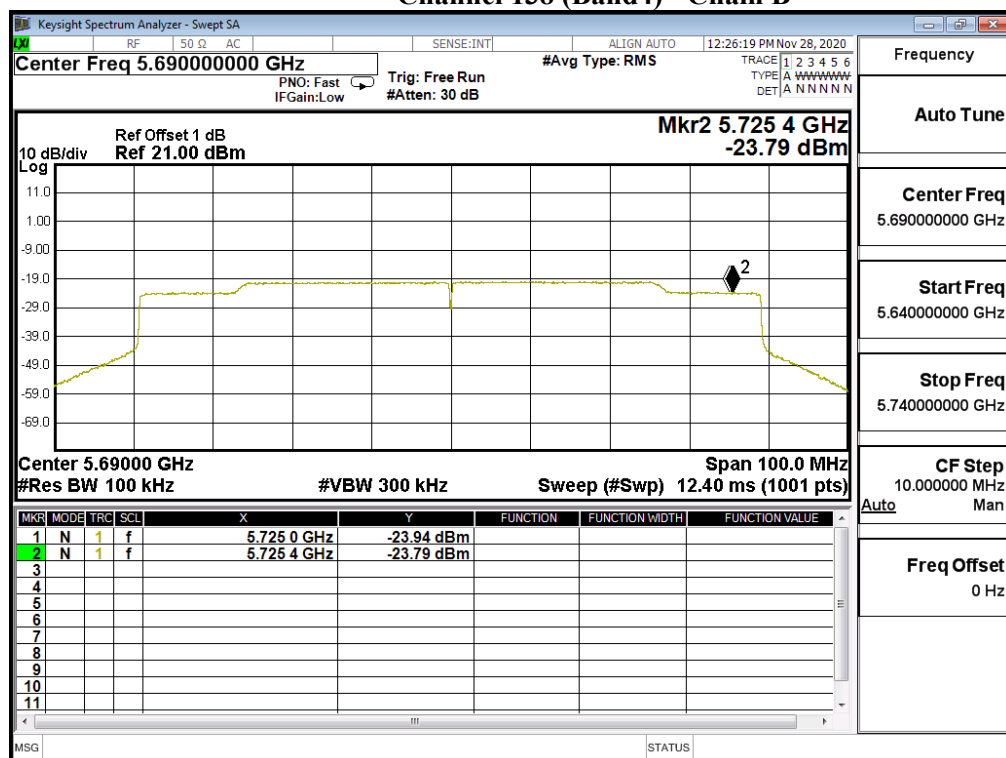
Channel 122 - Chain B



Channel 138 (Band3) - Chain B

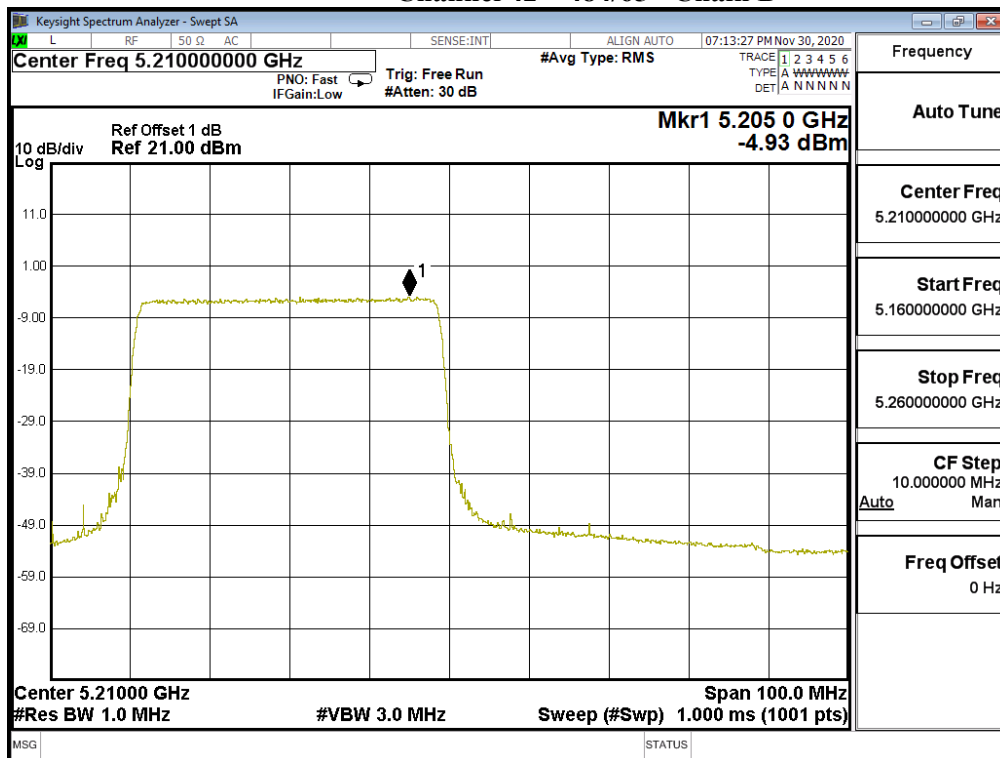


Channel 138 (Band4) - Chain B

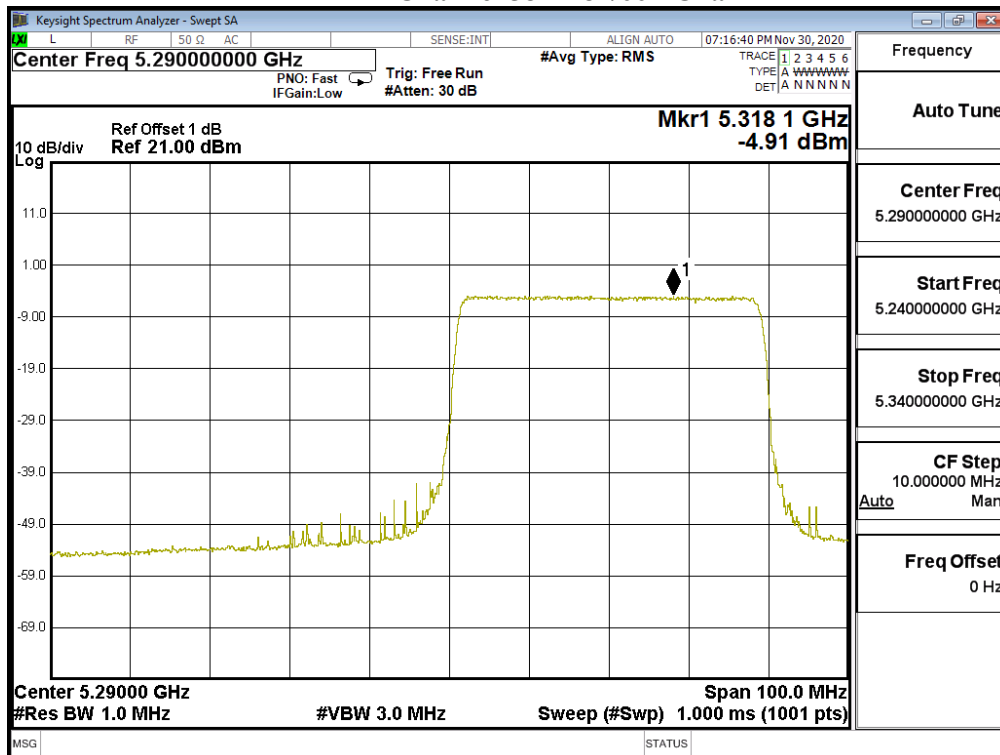


RU config: Other

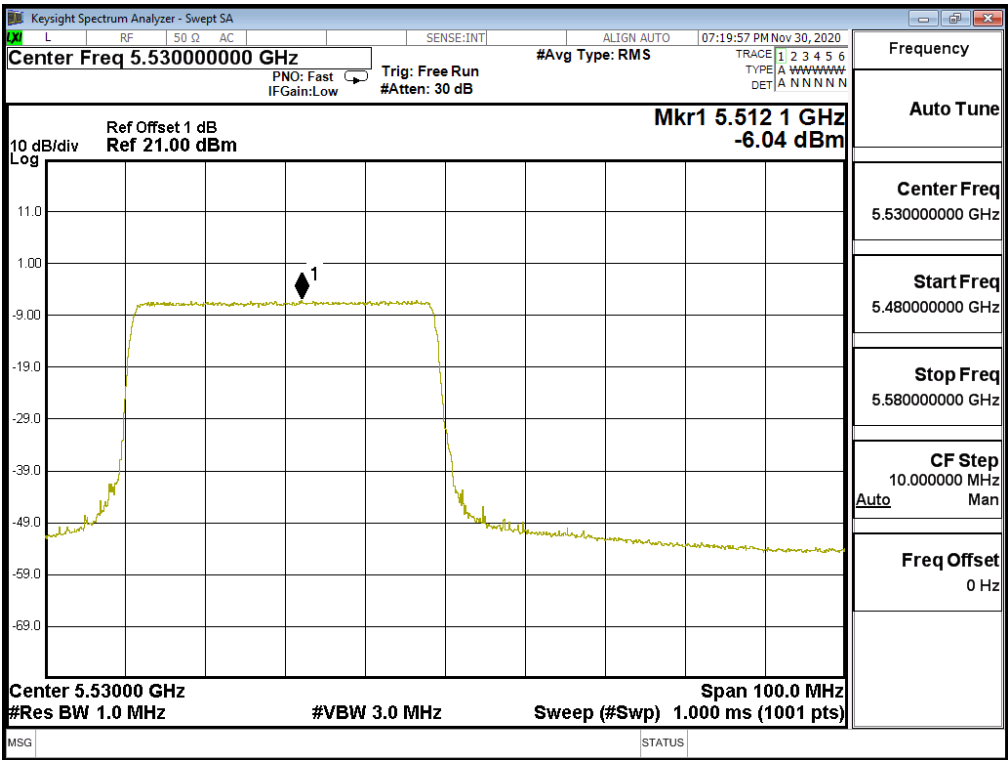
Channel 42 – 484/65 - Chain B



Channel 58 – 484/66 - Chain B



Channel 106 – 484/65 - Chain B



Product : Notebook Computers
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 18: SISO B: Transmit (802.11ax-160BW_72.1Mbps)

RU config: Full

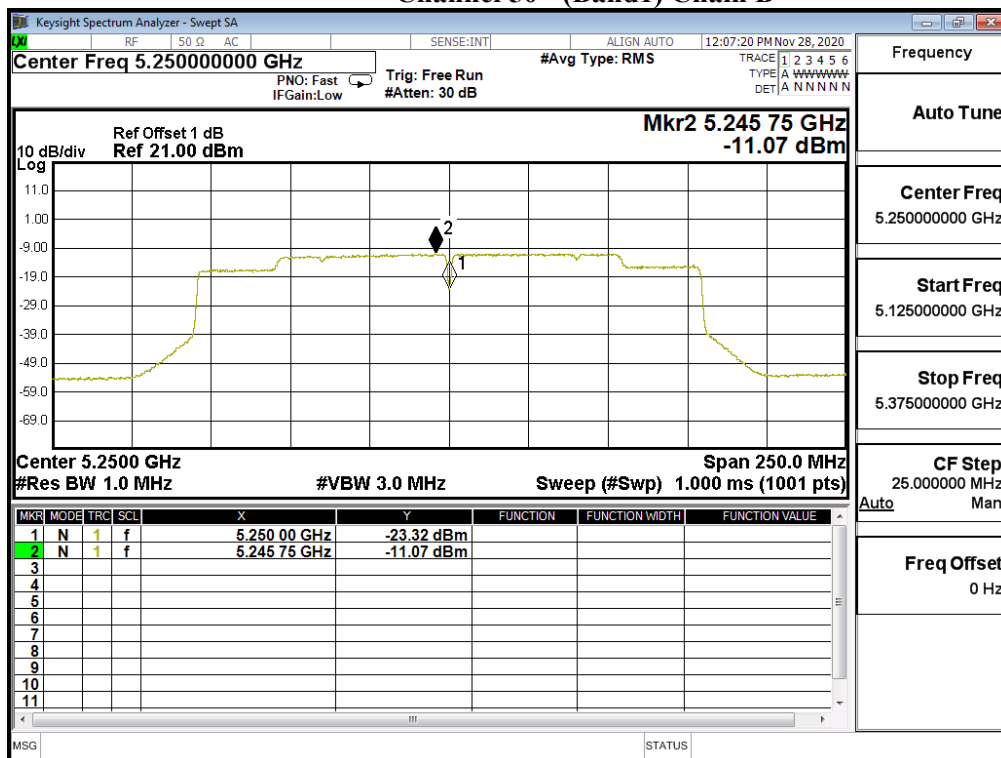
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
50	5250(Band1)	B	-11.07	--	0.24	-10.83	<11	Pass
50	5250(Band2)	B	-10.89	--	0.24	-10.65	<11	Pass
114	5570	B	-12.59	--	0.24	-12.35	<11	Pass

RU config: Other

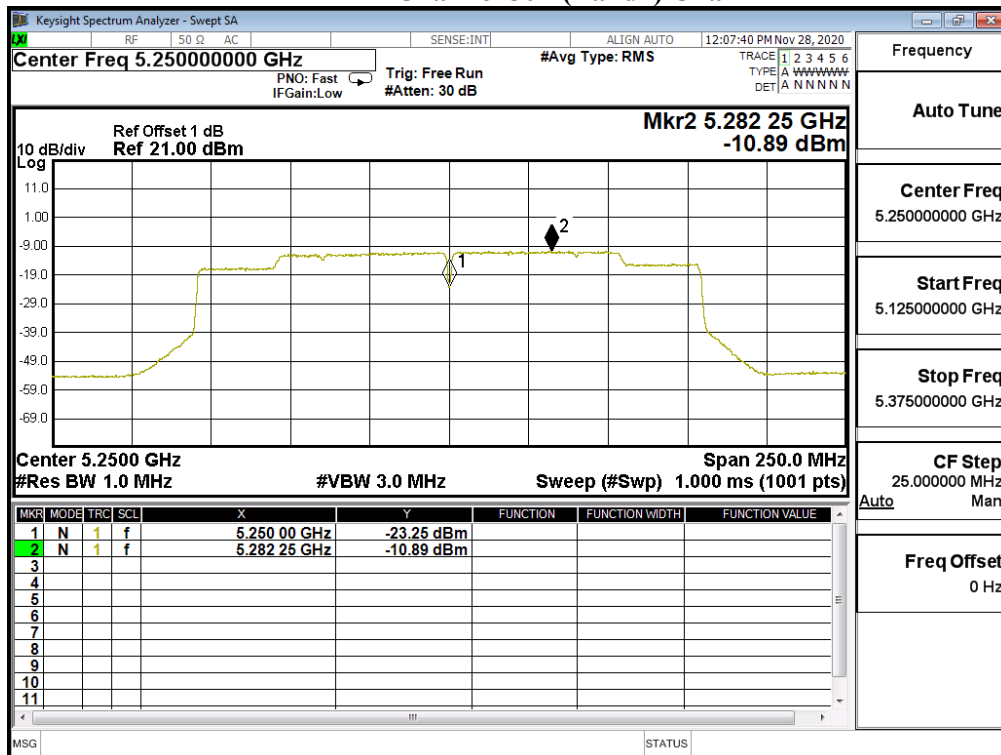
Channel / Frequenc	RU setting	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
5250(Band1)	996-67	B	-7.36	--	0.17	-7.19	<11	Pass
5250(Band2)	996-S67	B	-7.25	--	0.17	-7.08	<11	Pass
5570	996-67	B	-9.28	--	0.17	-9.11	<11	Pass
	996-S67	B	-9.96	--	0.17	-9.79	<11	Pass

RU config: Full

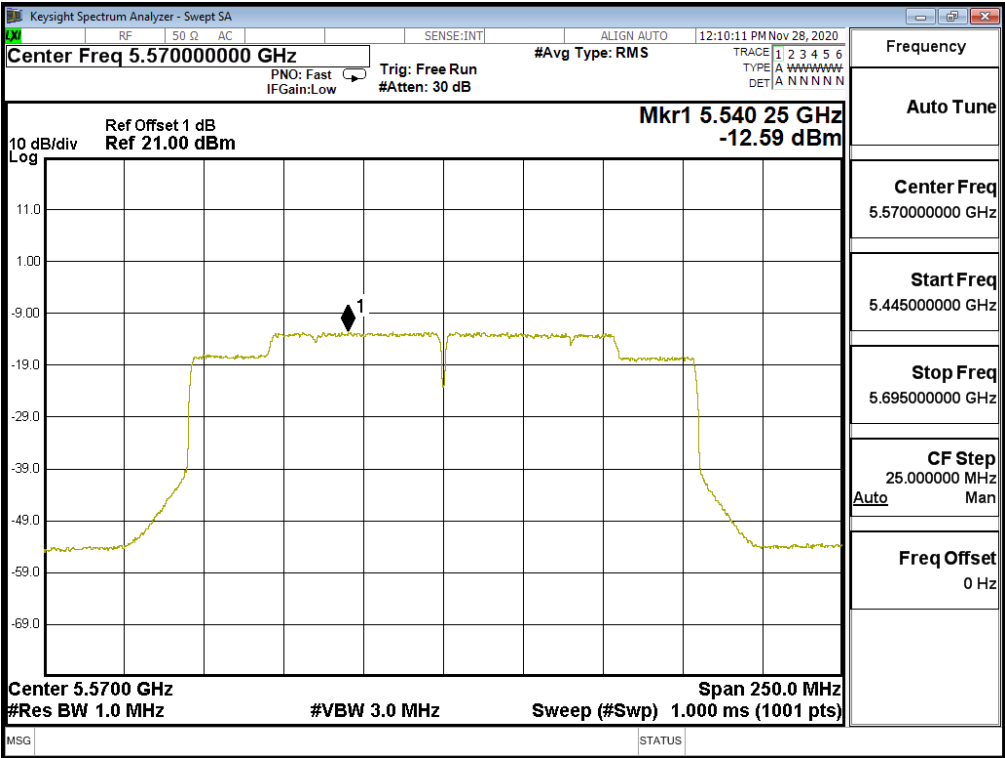
Channel 50 - (Band1) Chain B



Channel 50 - (Band1) Chain B

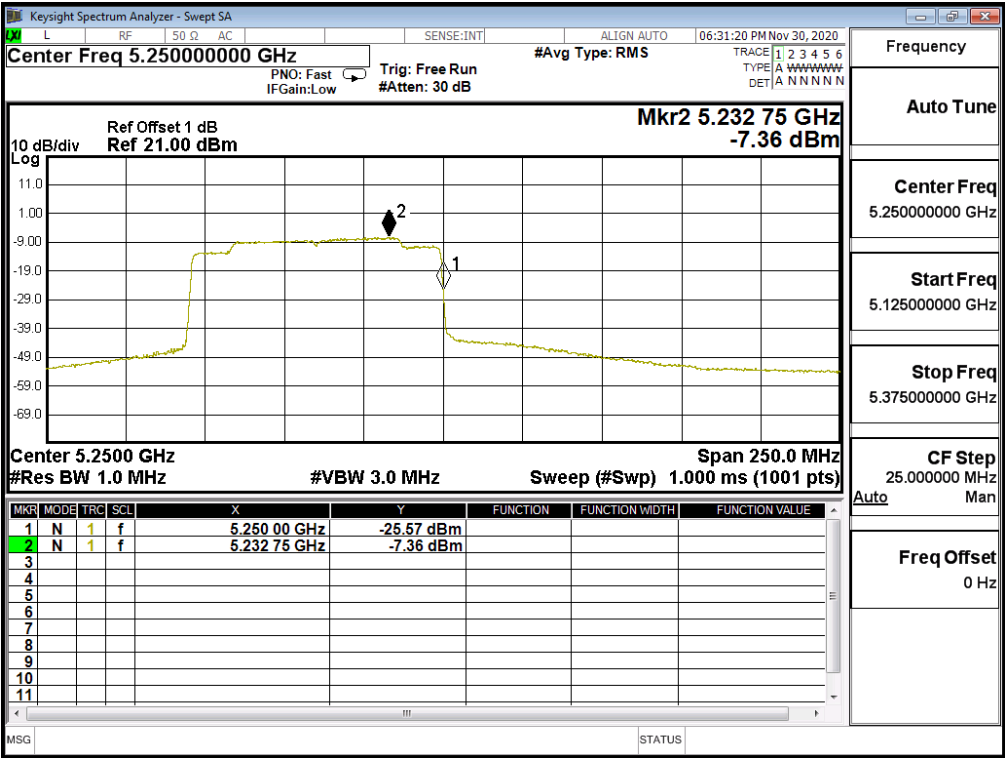


Channel 114- Chain B

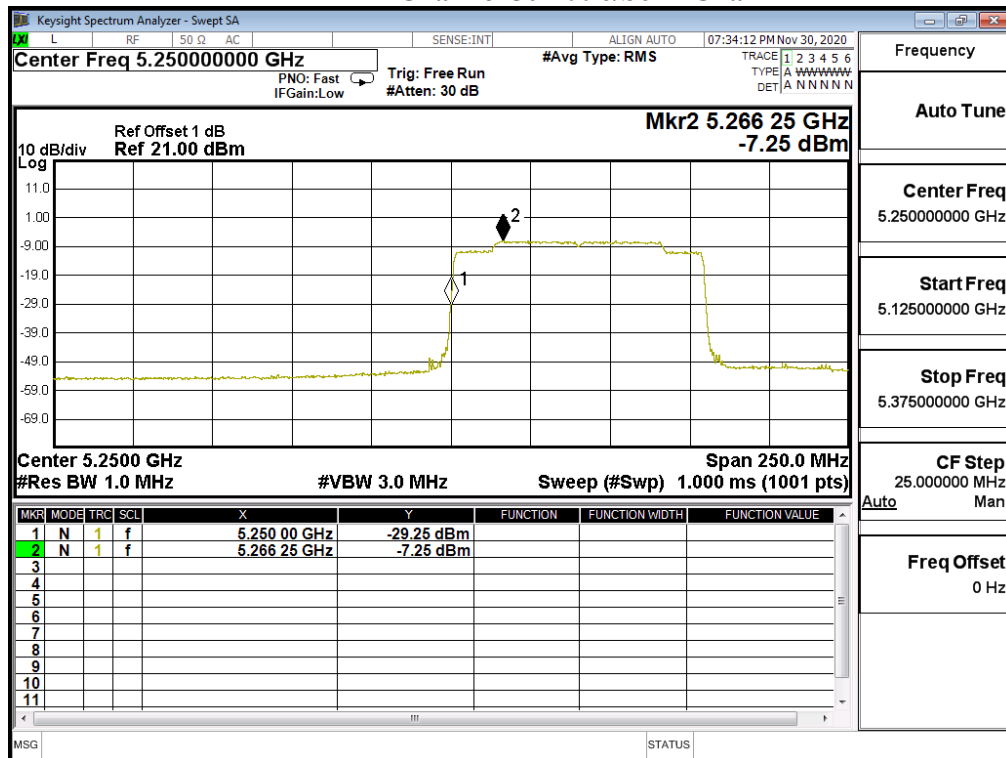


RU config: Other

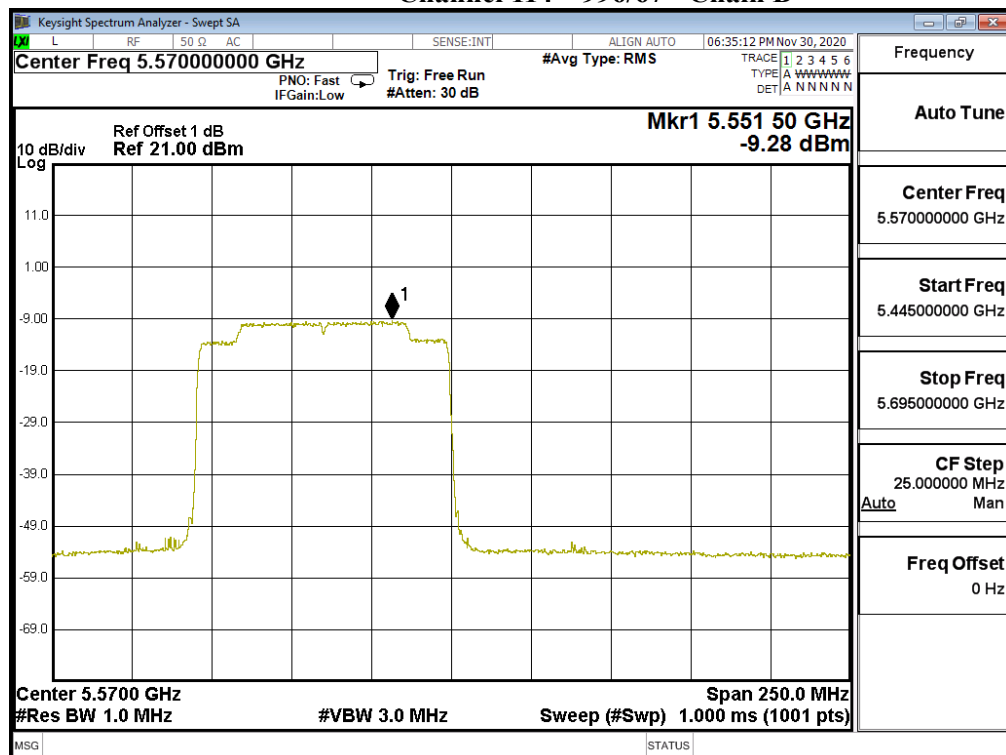
Channel 50 – 996/67 - Chain B



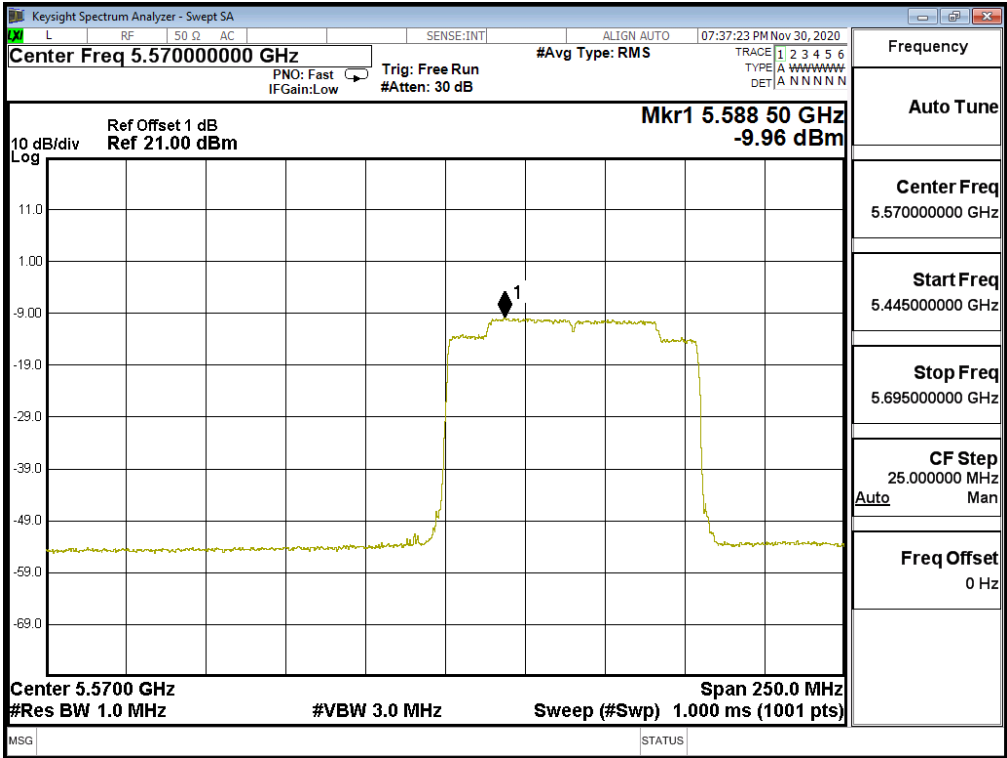
Channel 50 – 996/S67 - Chain B



Channel 114 – 996/67 - Chain B



Channel 114 – 996/S67 - Chain B



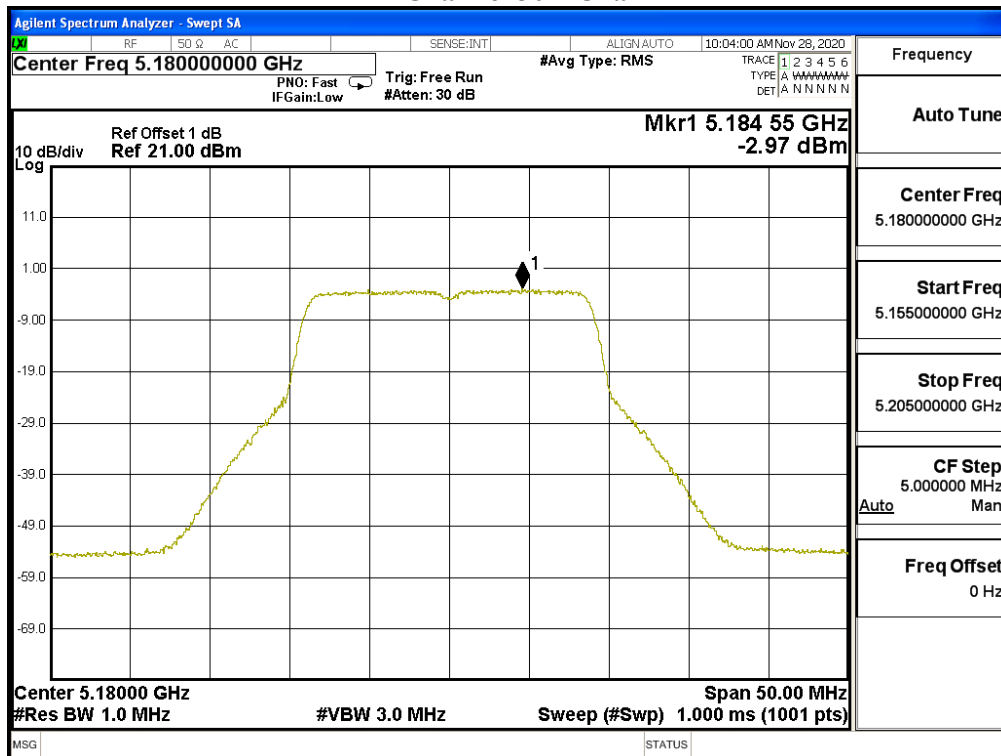
Product : Notebook Computers
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 19 MIMO: Transmit (802.11n-20BW_14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	A	-2.97	--	0.07	0.11	11	Pass
		B	-2.43	--	0.07	0.65	11	Pass
44	5220	A	-3.07	--	0.07	0.01	11	Pass
		B	-1.98	--	0.07	1.10	11	Pass
48	5240	A	-2.37	--	0.07	0.71	11	Pass
		B	-1.94	--	0.07	1.14	11	Pass
52	5260	A	-3.12	--	0.07	-0.04	11	Pass
		B	-1.68	--	0.07	1.40	11	Pass
60	5300	A	-3.38	--	0.07	-0.30	11	Pass
		B	-2.03	--	0.07	1.05	11	Pass
64	5320	A	-3.20	--	0.07	-0.12	11	Pass
		B	-2.05	--	0.07	1.03	11	Pass
100	5500	A	-2.00	--	0.07	1.08	11	Pass
		B	-2.73	--	0.07	0.35	11	Pass
116	5580	A	-2.71	--	0.07	0.37	11	Pass
		B	-3.42	--	0.07	-0.34	11	Pass
140	5700	A	-2.04	--	0.07	1.04	11	Pass
		B	-3.22	--	0.07	-0.14	11	Pass

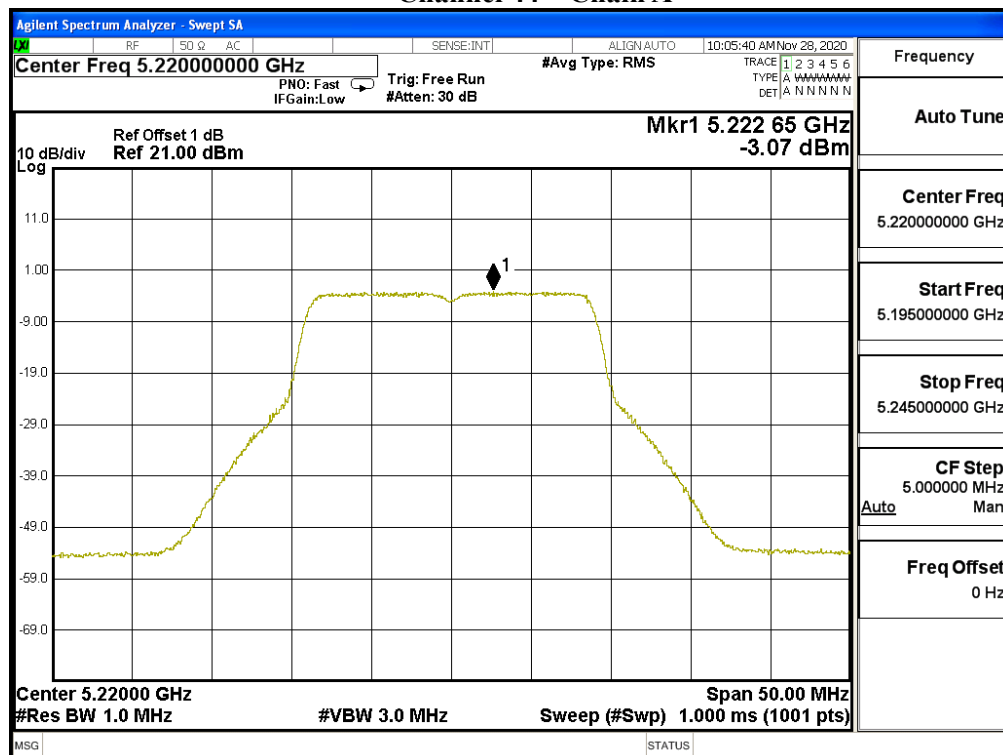
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
144	5720(Band3)	A	-2.32	--	0.07	0.76	<11	Pass
		B	-3.27	--	0.07	-0.19	<11	Pass
144	5720(Band4)	A	-11.51	6.98	0.07	-1.45	<30	Pass
		B	-12.72	6.98	0.07	-2.66	<30	Pass
149	5745	A	-8.16	6.98	0.07	1.90	<30	Pass
		B	-10.90	6.98	0.07	-0.84	<30	Pass
157	5785	A	-4.93	6.98	0.07	5.13	<30	Pass
		B	-5.97	6.98	0.07	4.09	<30	Pass
165	5825	A	-4.98	6.98	0.07	5.08	<30	Pass
		B	-5.48	6.98	0.07	4.58	<30	Pass

Note 1: The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

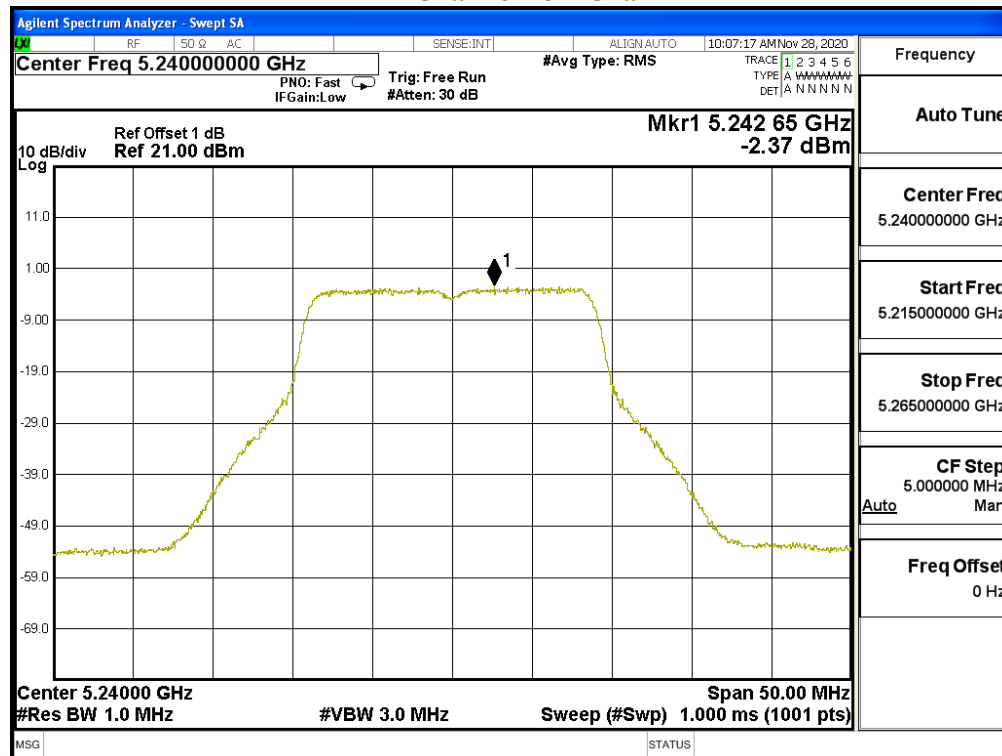
Channel 36 – Chain A



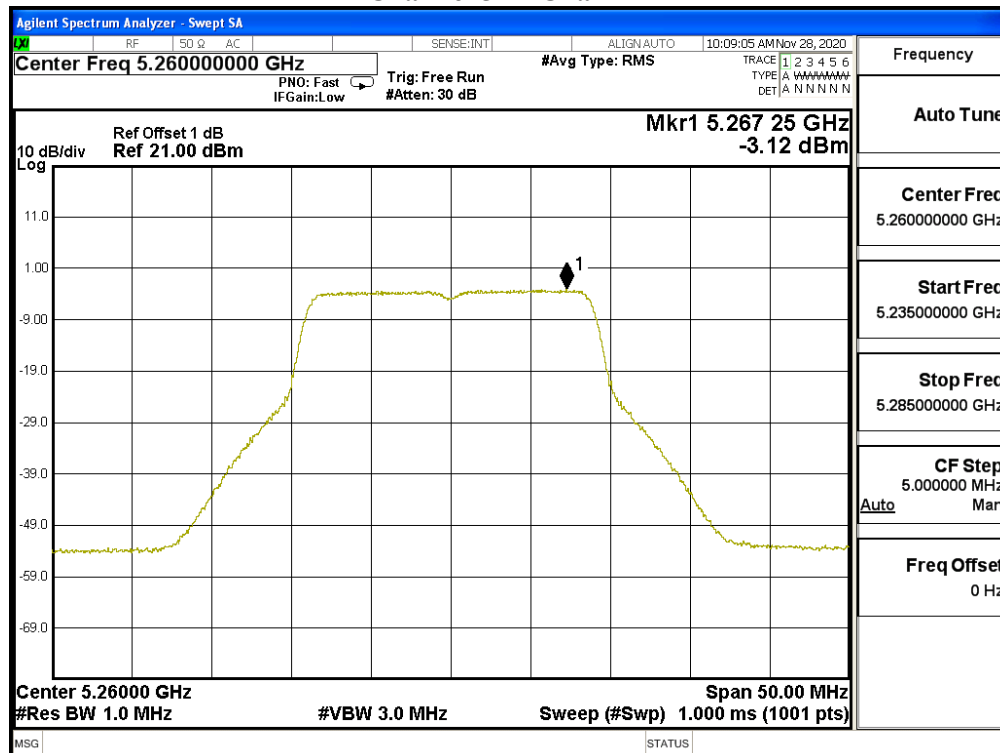
Channel 44 – Chain A



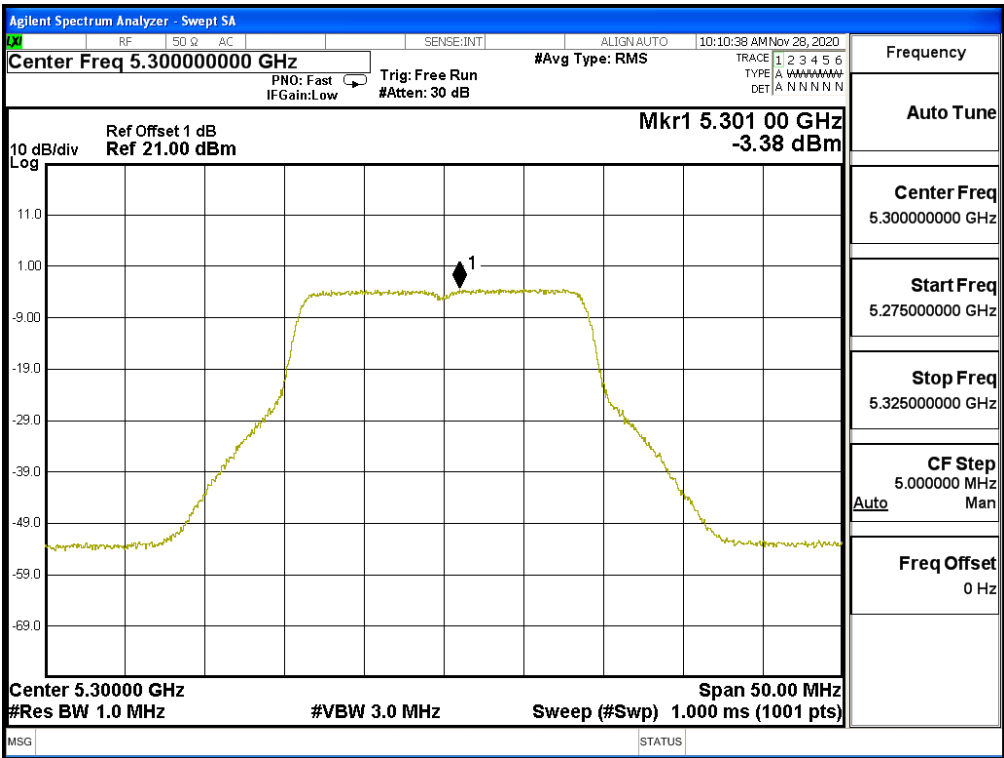
Channel 48 – Chain A



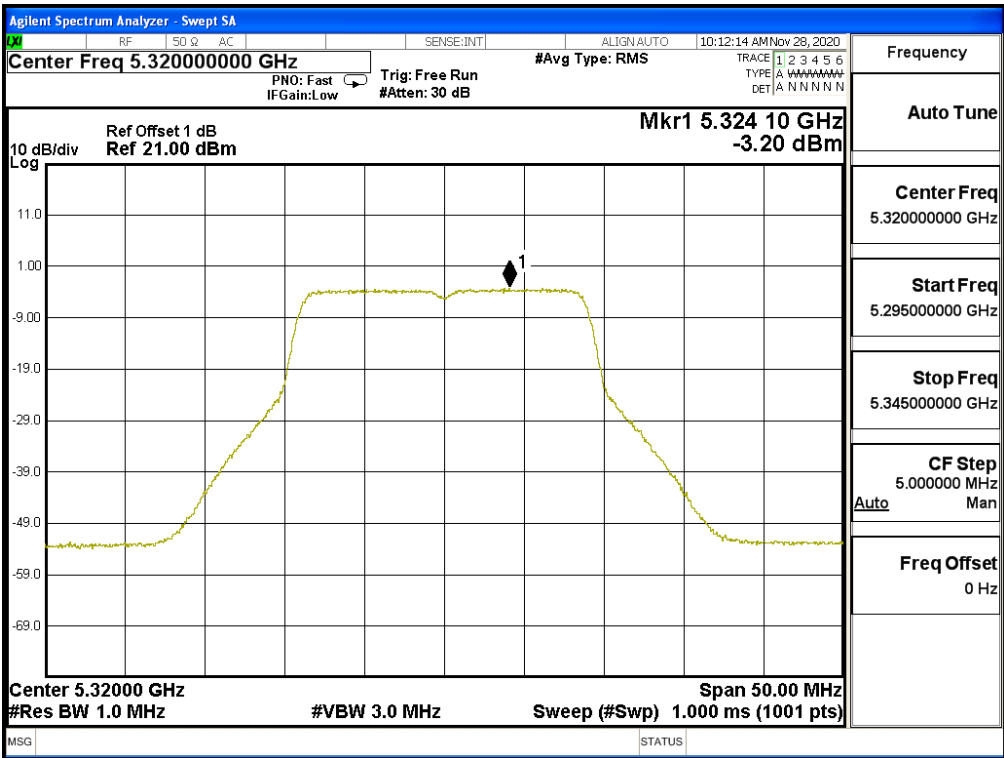
Channel 52 – Chain A



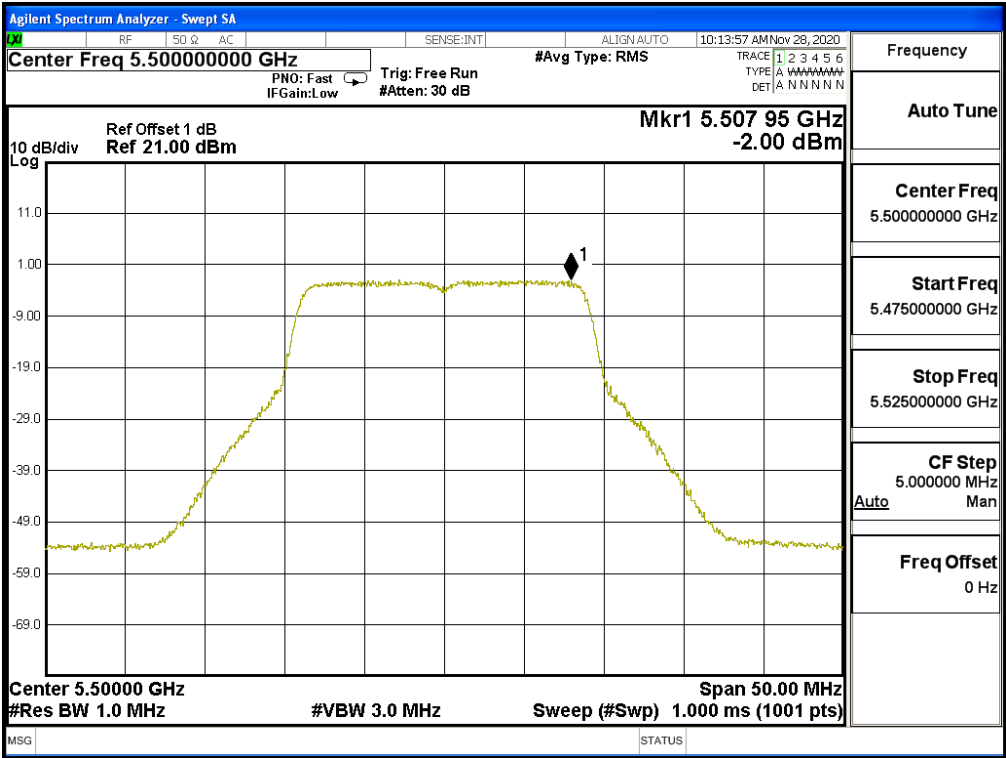
Channel 60 – Chain A



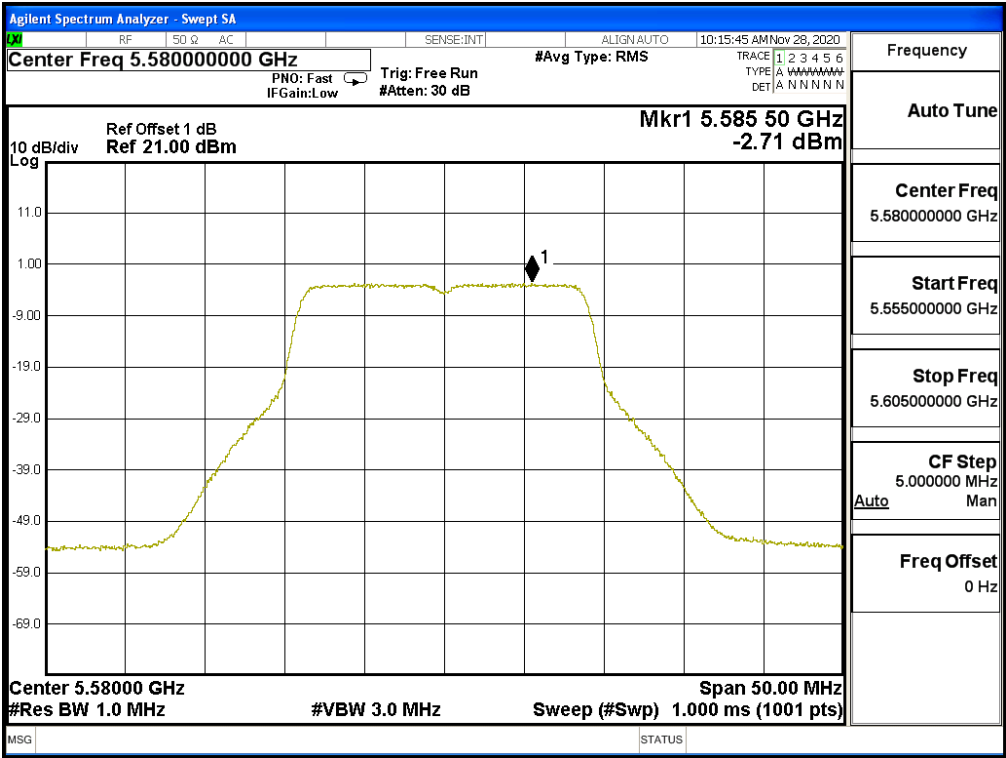
Channel 64 – Chain A



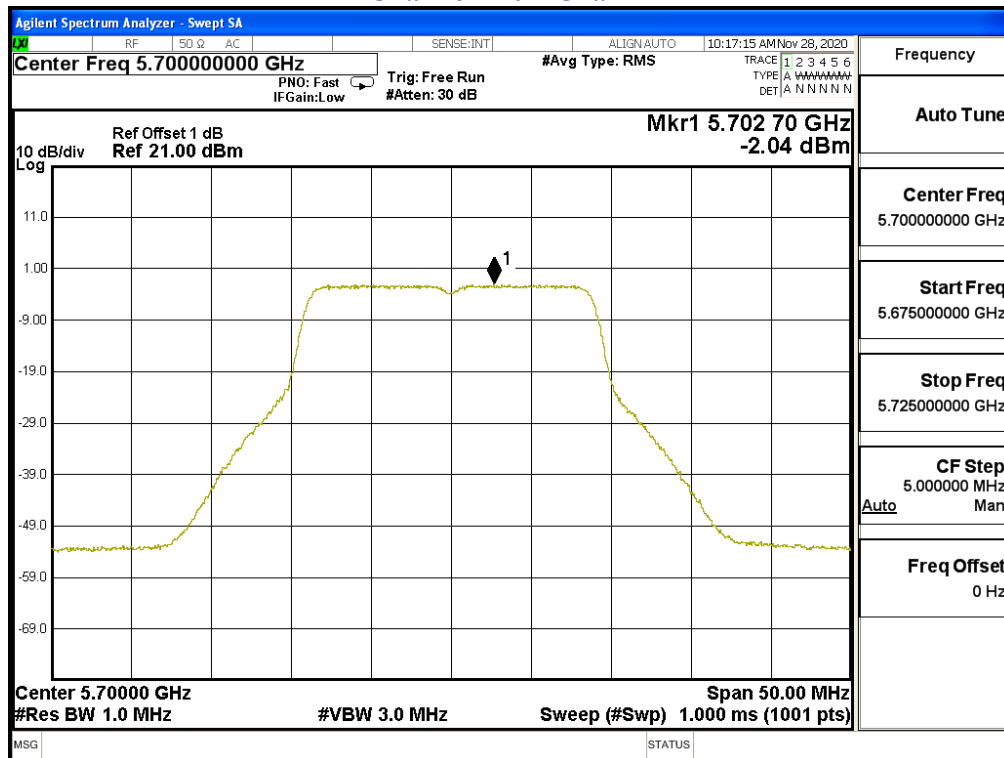
Channel 100 – Chain A



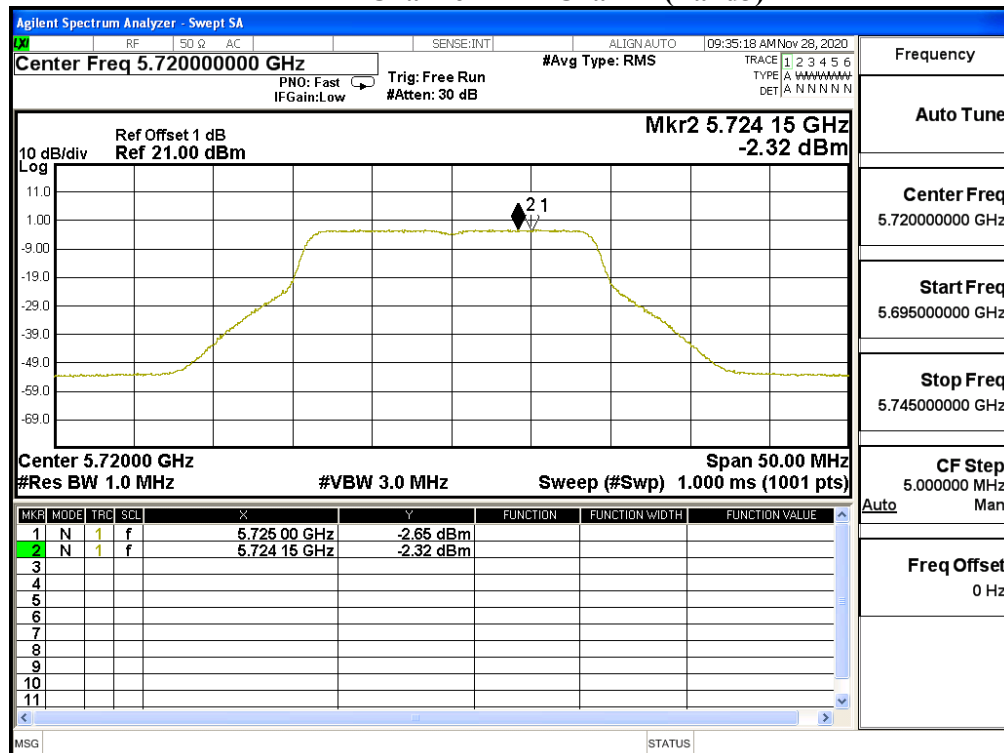
Channel 116 – Chain A



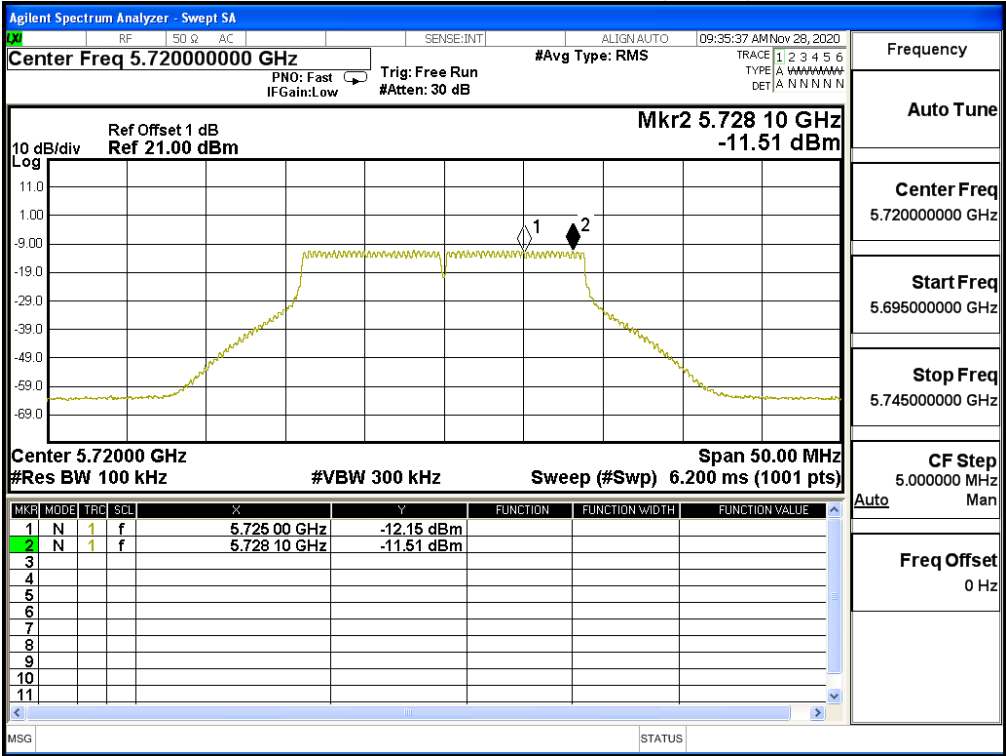
Channel 140 – Chain A



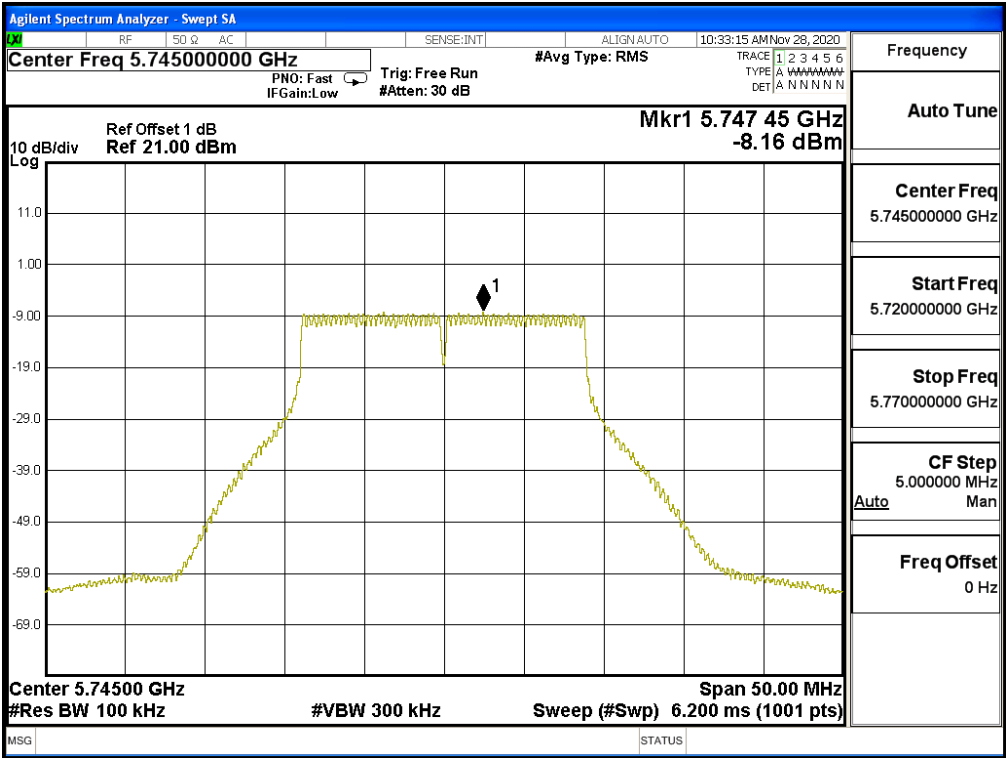
Channel 144 – Chain A (Band3)



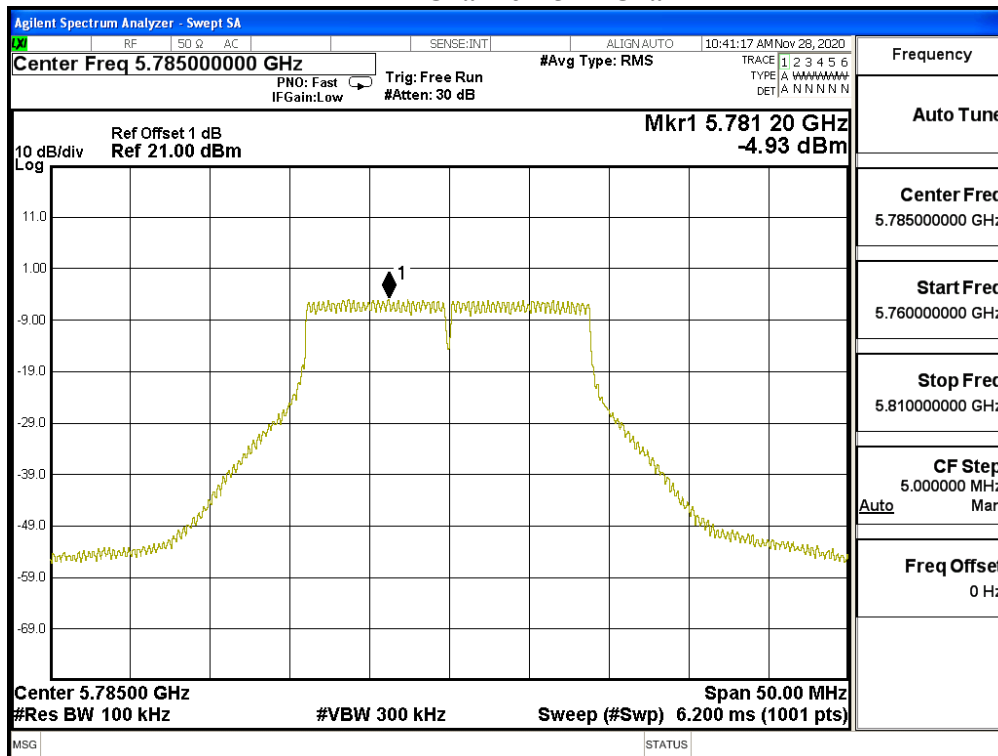
Channel 144 – Chain A (Band4)



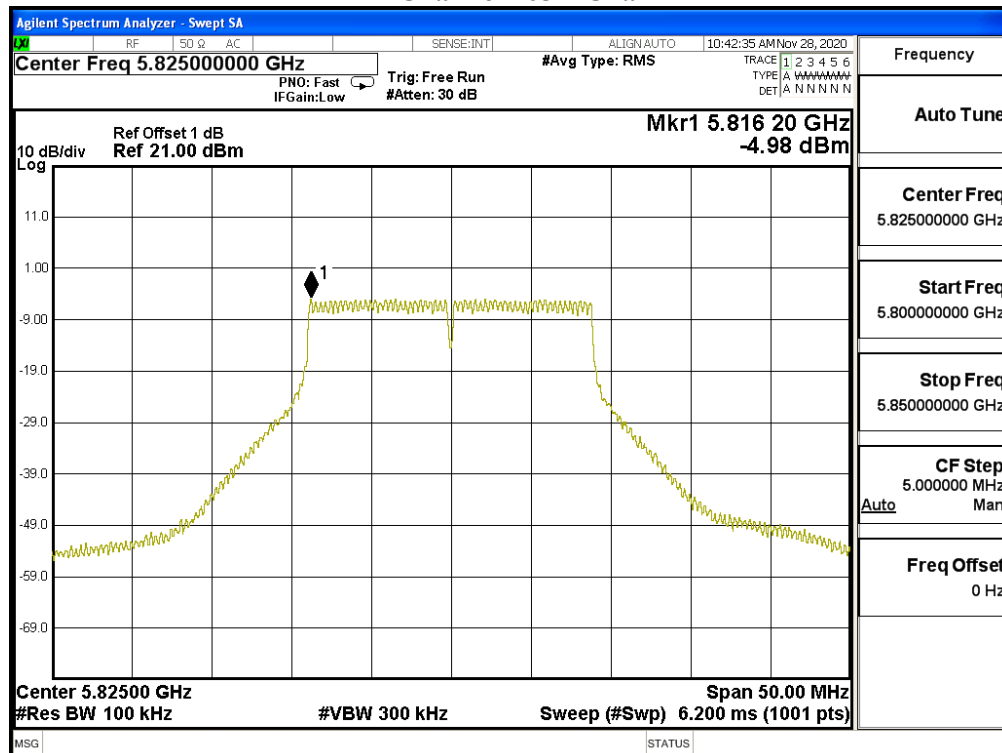
Channel 149 – Chain A



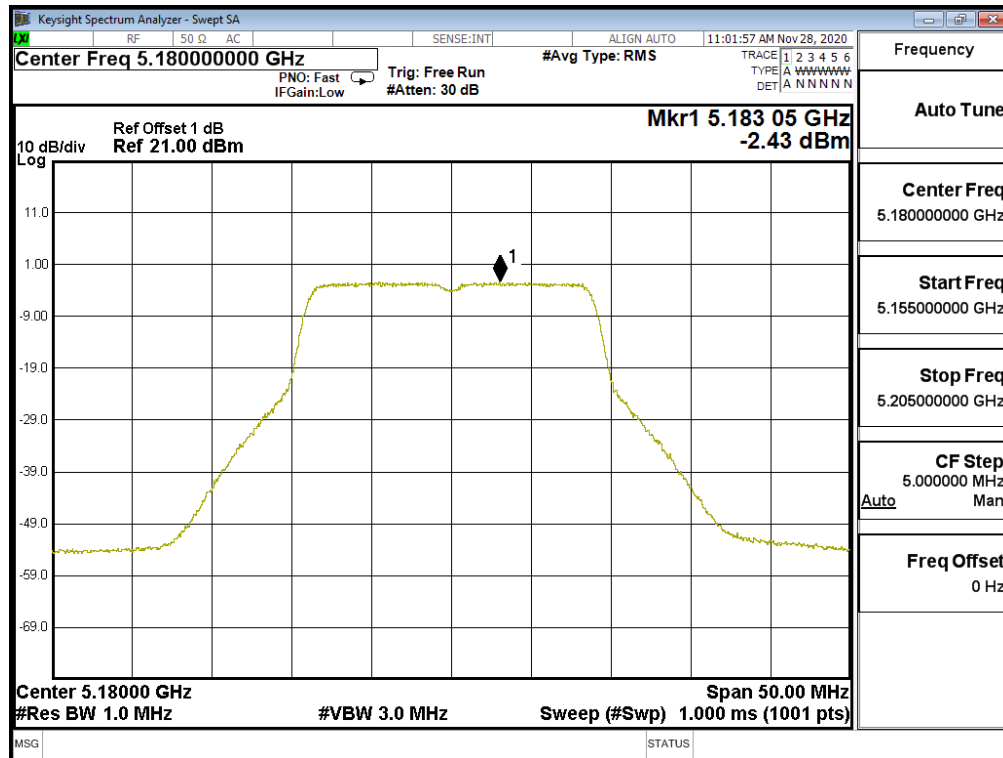
Channel 157 – Chain A



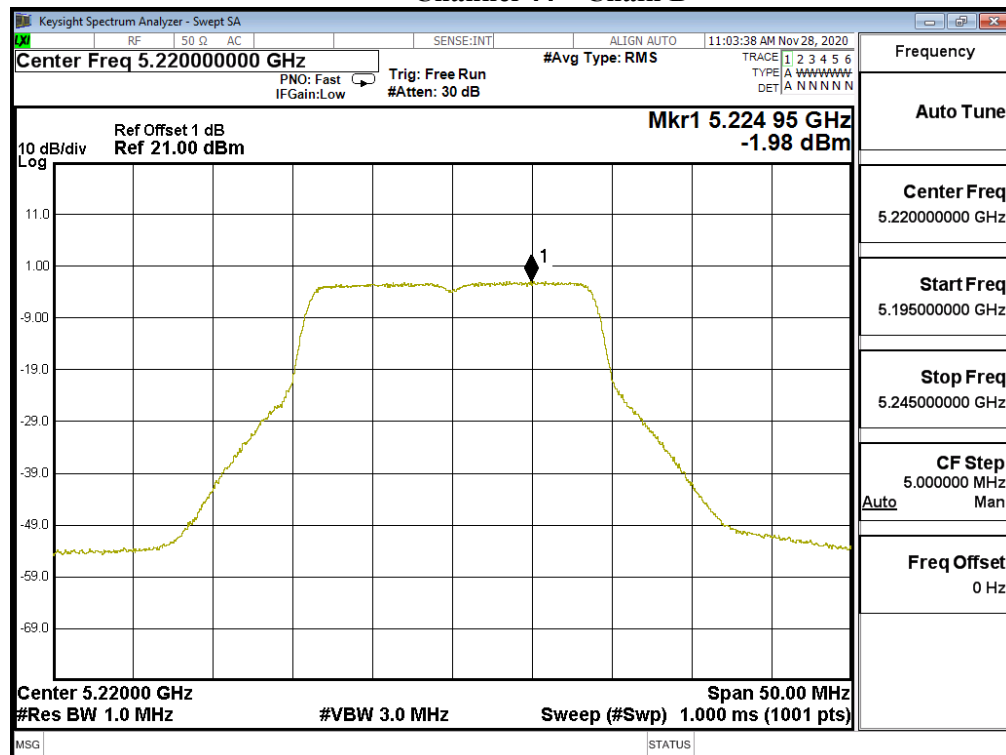
Channel 165 – Chain A



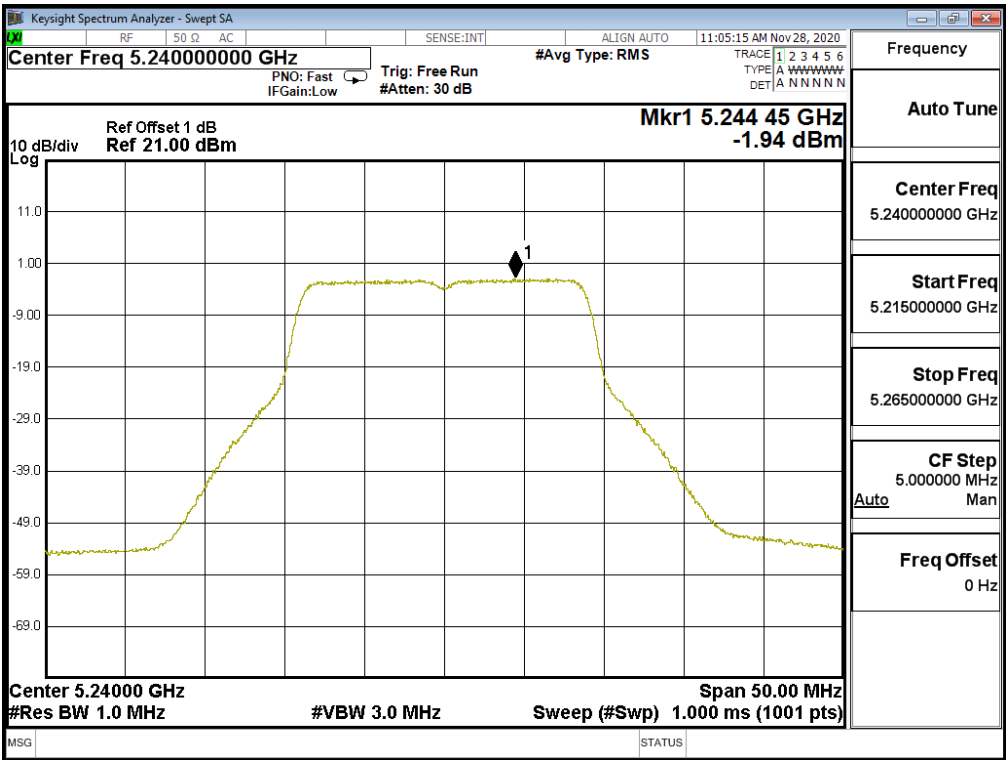
Channel 36 – Chain B



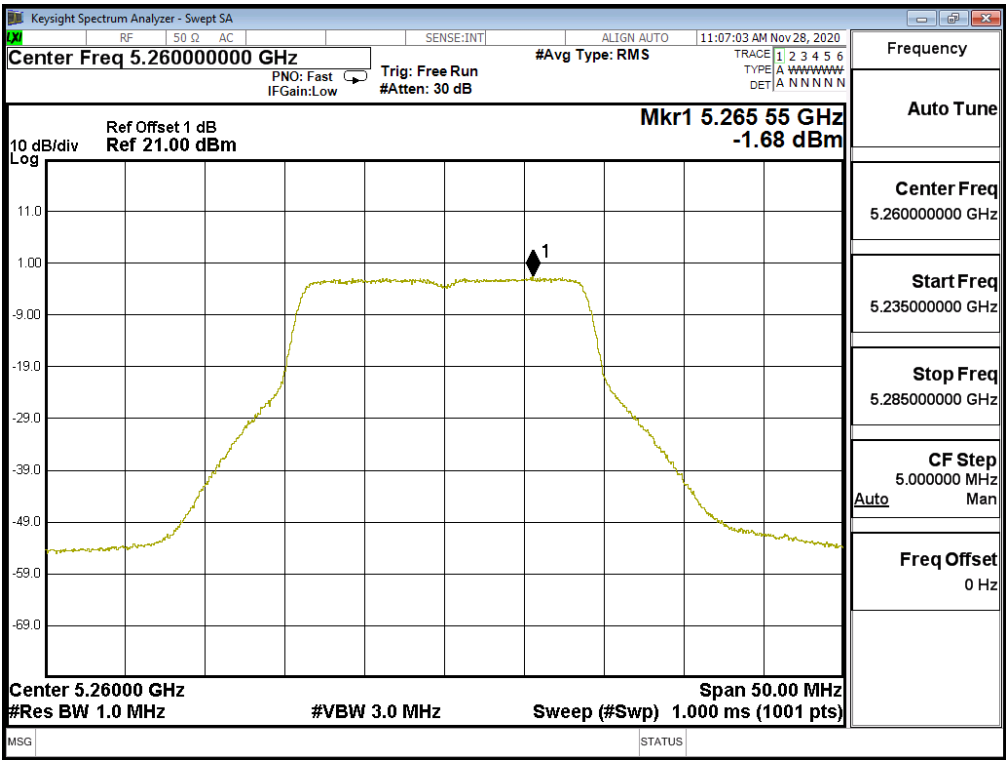
Channel 44 – Chain B



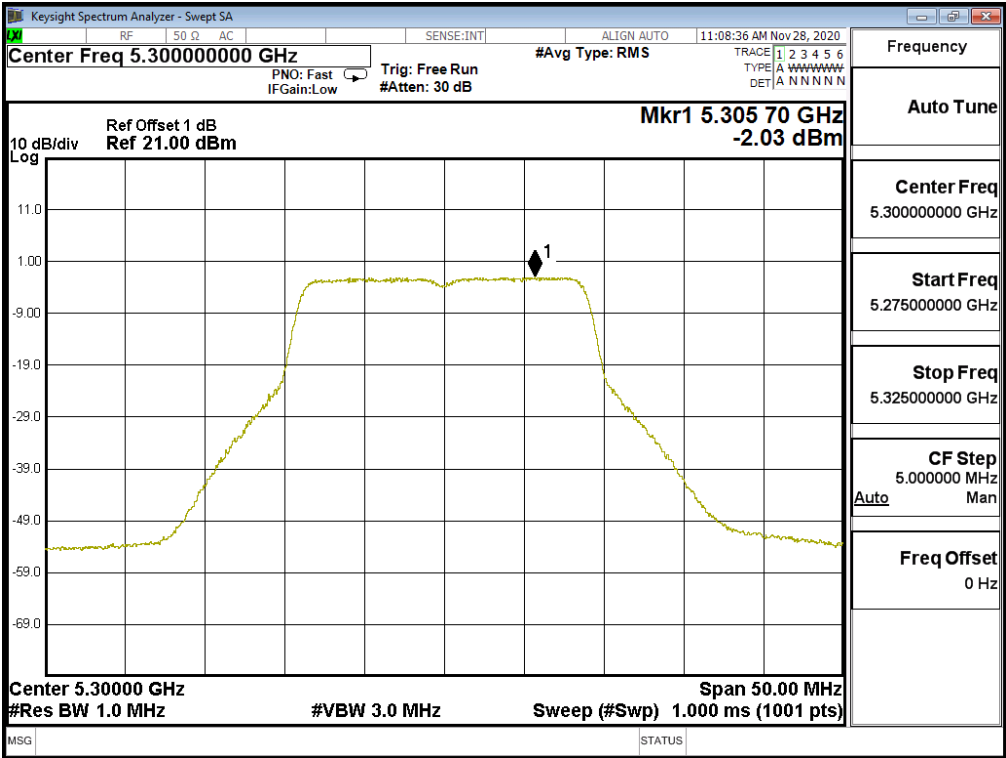
Channel 48 – Chain B



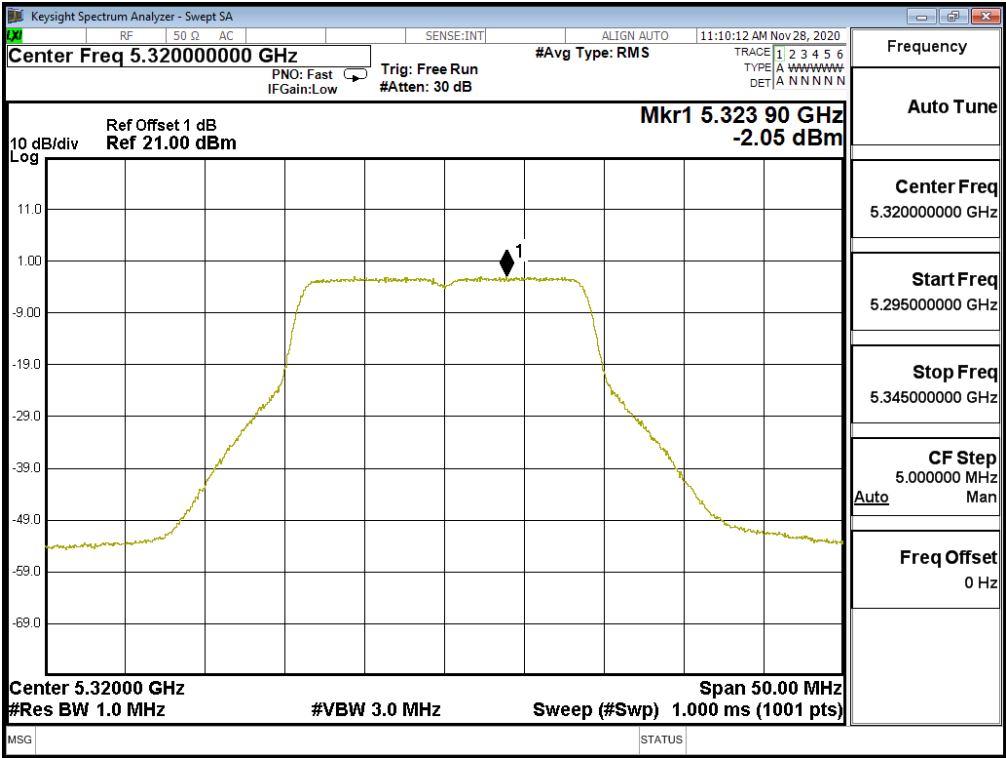
Channel 52 – Chain B



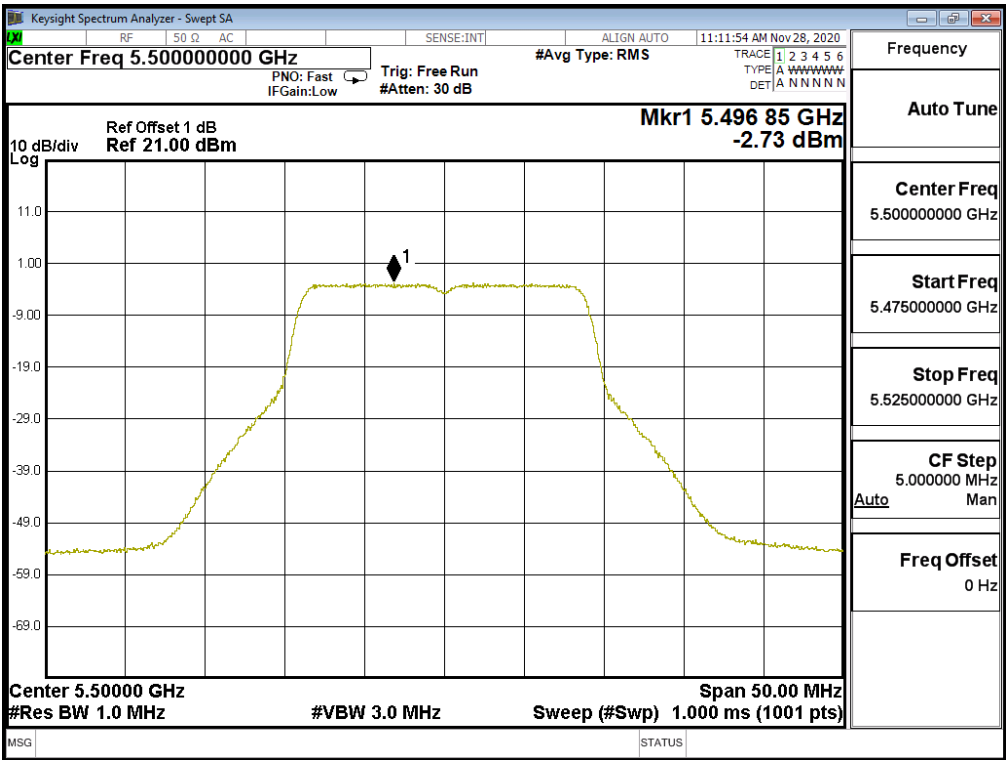
Channel 60 – Chain B



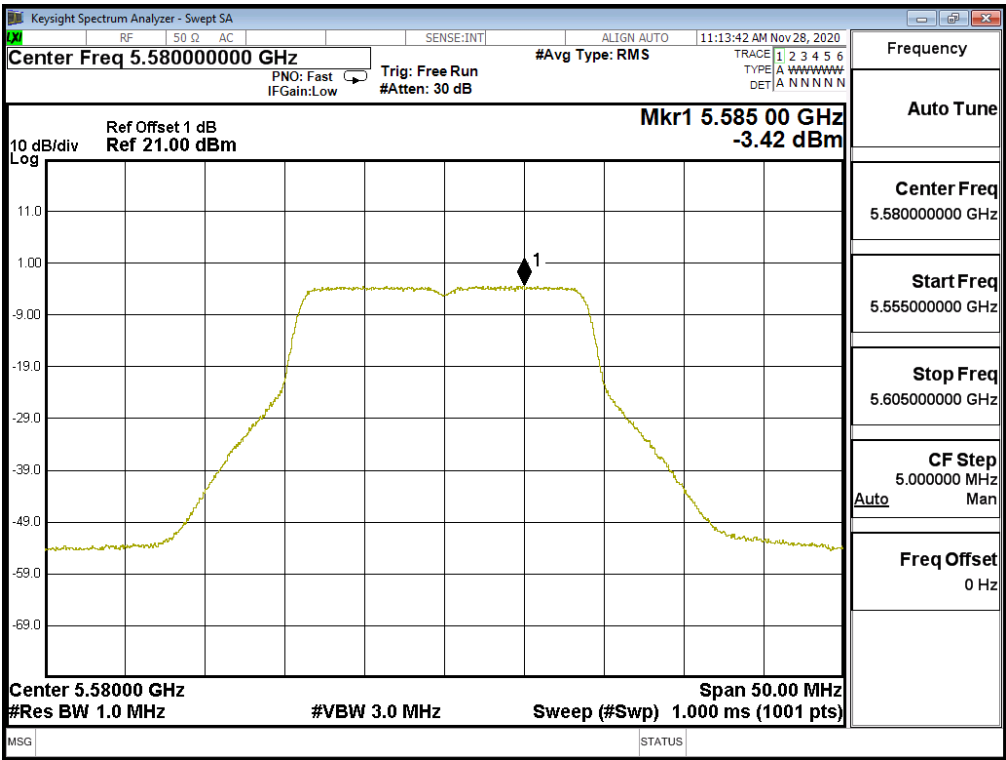
Channel 64 – Chain B



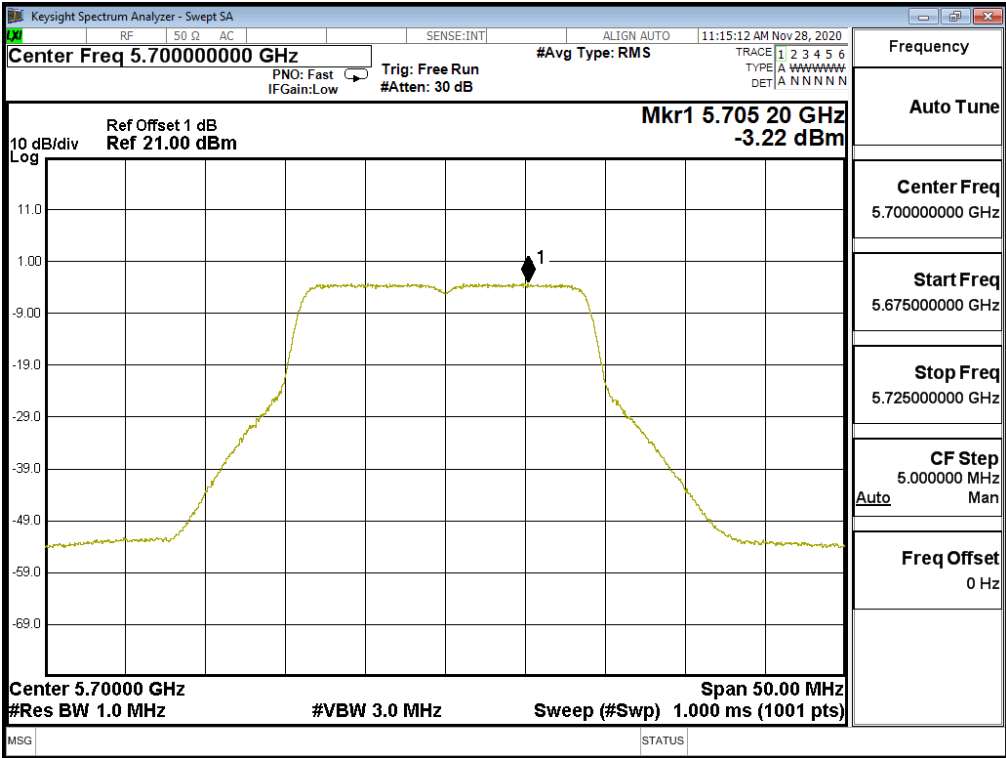
Channel 100 – Chain B



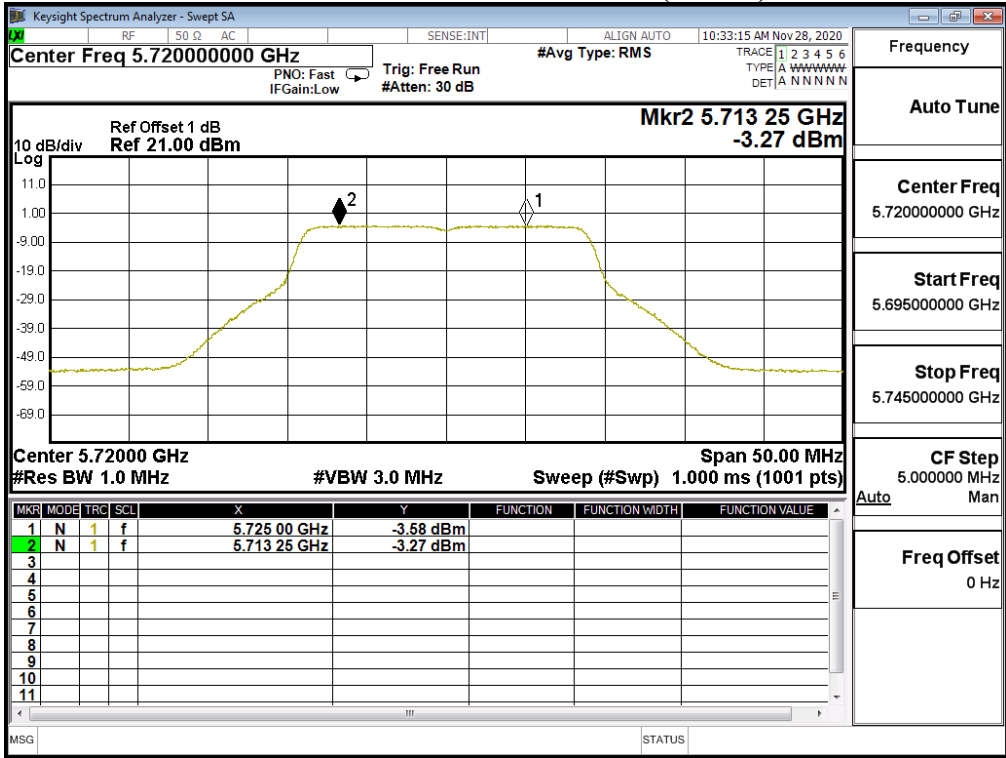
Channel 116 – Chain B



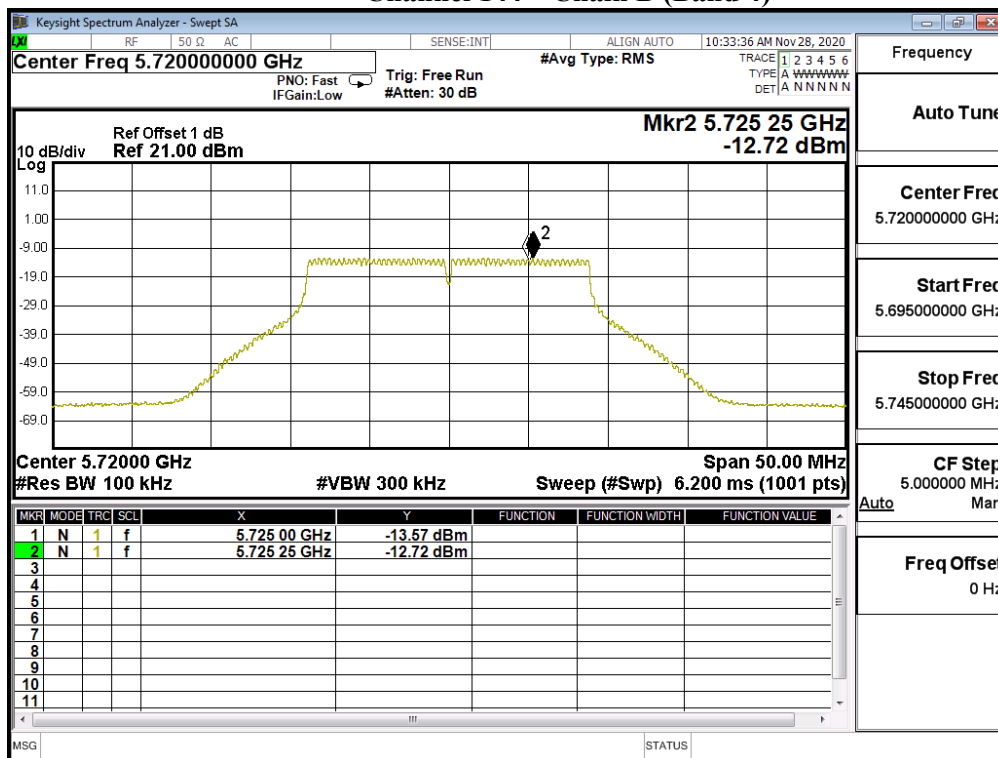
Channel 140 – Chain B



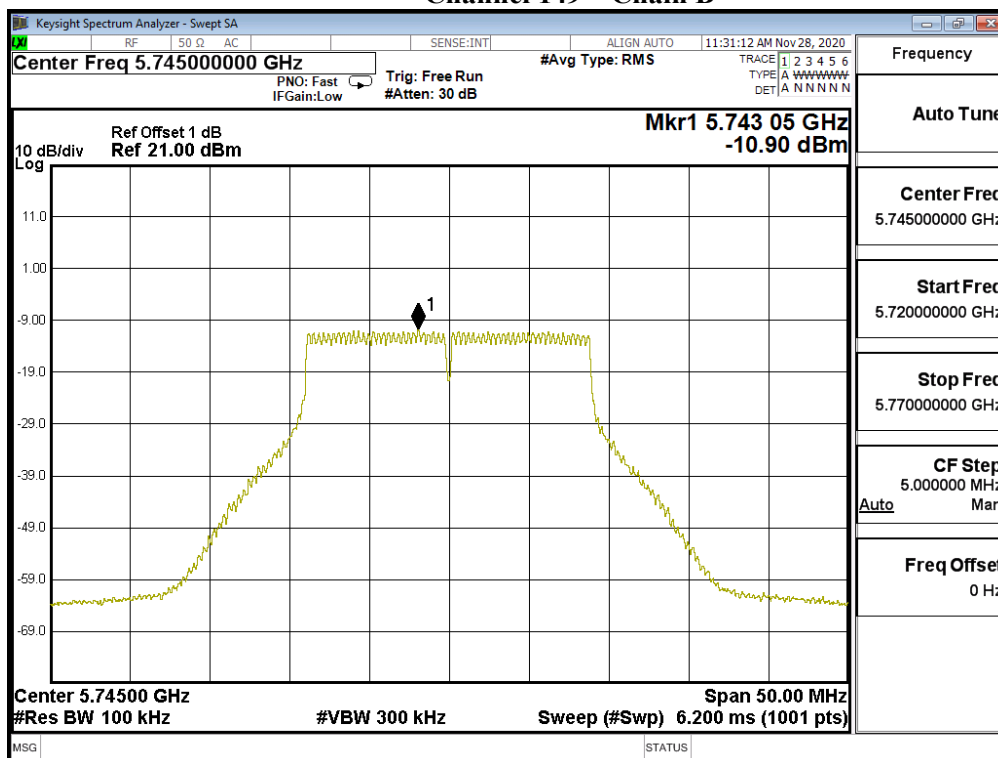
Channel 144 – Chain B (Band 3)



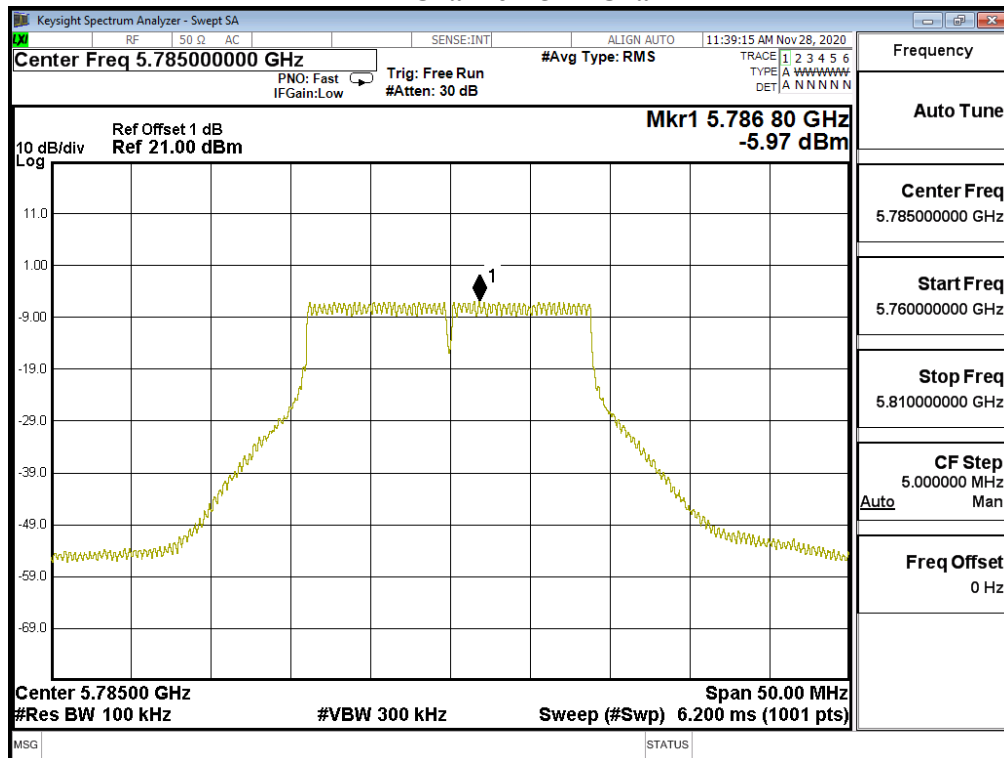
Channel 144 – Chain B (Band 4)



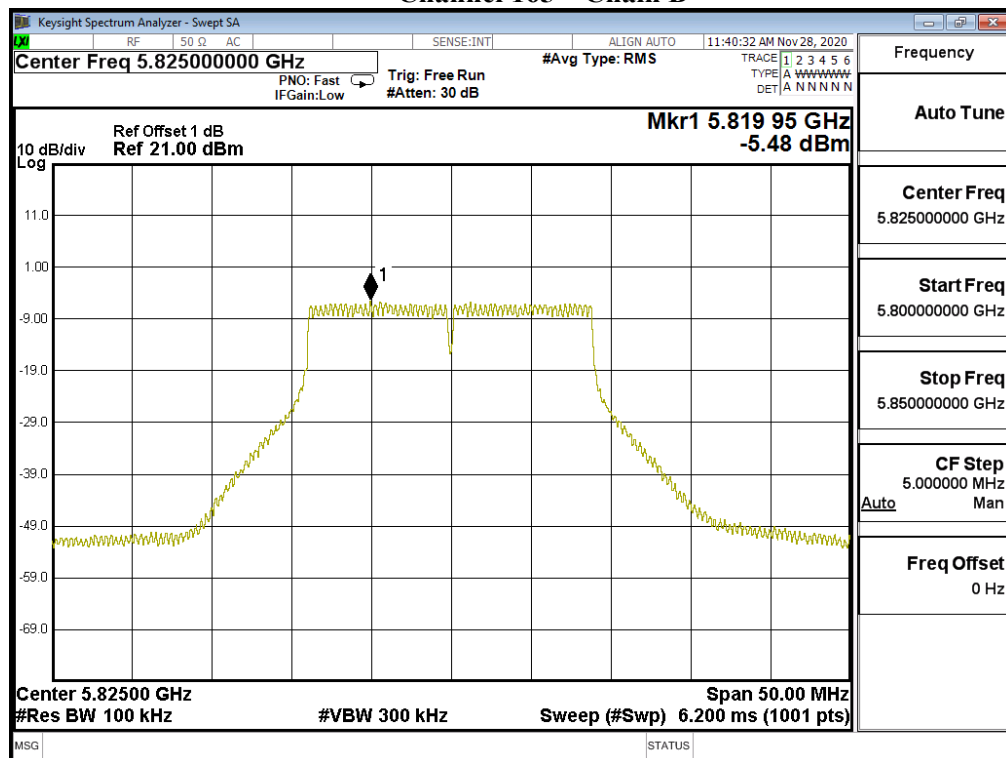
Channel 149 – Chain B



Channel 157 – Chain B



Channel 165 – Chain B



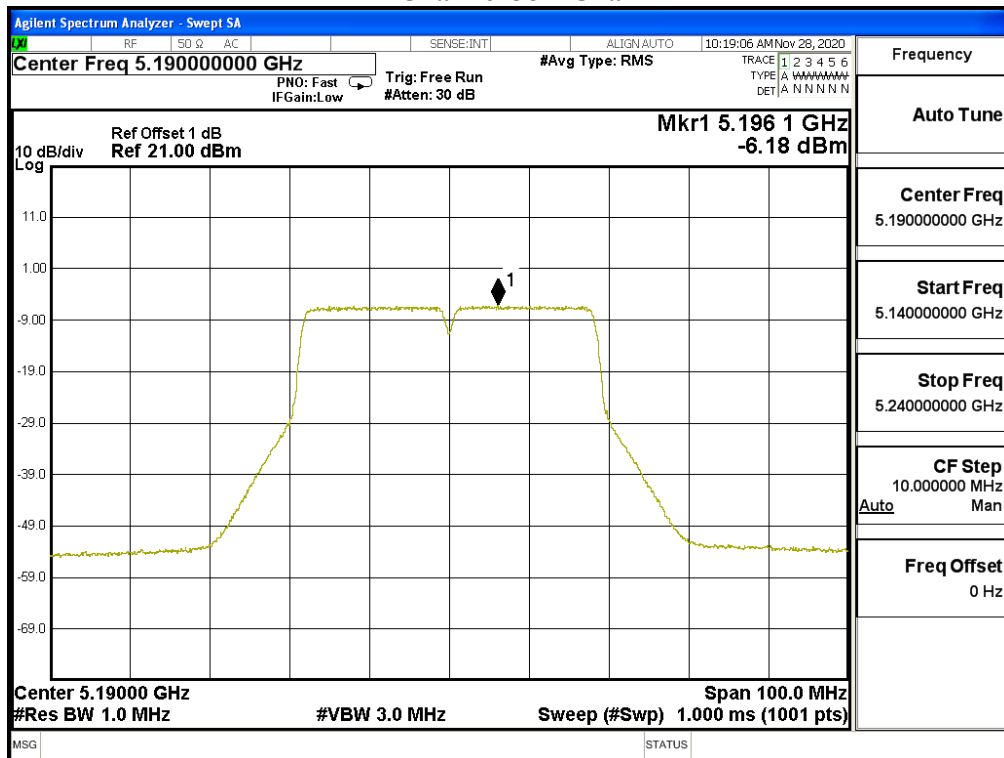
Product : Notebook Computers
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 20 MIMO: Transmit (802.11n-40BW_30Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
38	5190	A	-6.18	--	0.22	-2.95	11	Pass
		B	-5.65	--	0.22	-2.42	11	Pass
46	5230	A	-6.29	--	0.22	-3.06	11	Pass
		B	-5.25	--	0.22	-2.02	11	Pass
54	5270	A	-6.29	--	0.22	-3.06	11	Pass
		B	-5.20	--	0.22	-1.97	11	Pass
62	5310	A	-6.32	--	0.22	-3.09	11	Pass
		B	-5.02	--	0.22	-1.79	11	Pass
102	5510	A	-5.48	--	0.22	-2.25	11	Pass
		B	-6.22	--	0.22	-2.99	11	Pass
110	5550	A	-5.52	--	0.22	-2.29	11	Pass
		B	-6.64	--	0.22	-3.41	11	Pass
134	5670	A	1.44	--	0.22	4.67	11	Pass
		B	-0.49	--	0.22	2.74	11	Pass

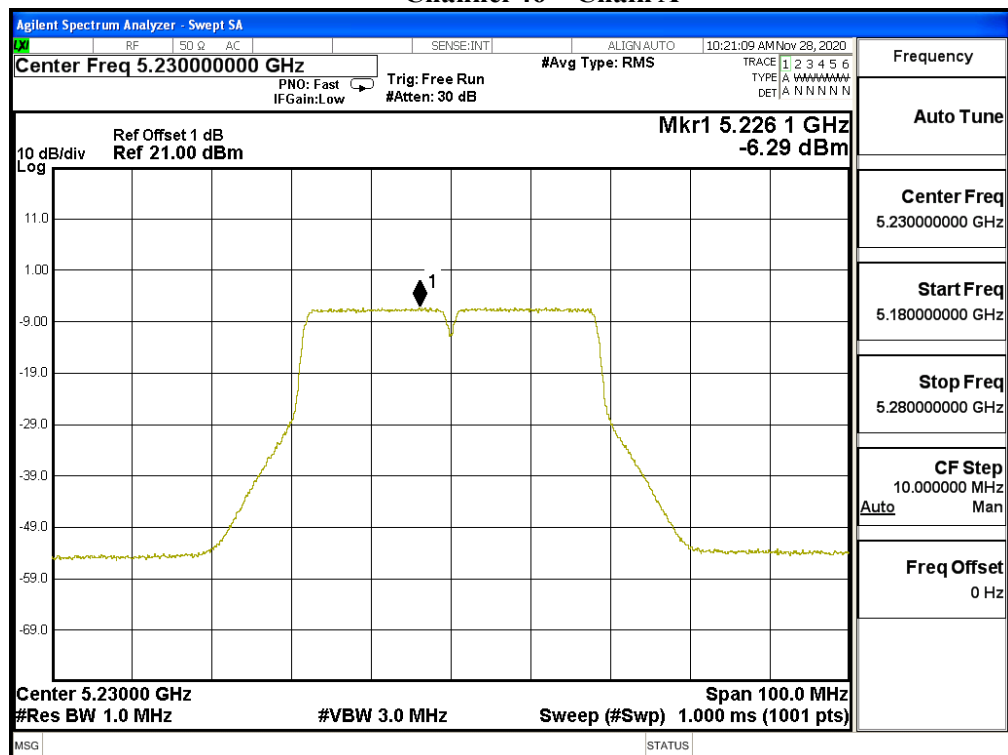
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
142	5710(Band3)	A	-5.77	--	0.22	-2.54	<30	Pass
		B	-6.23	--	0.22	-3.00	<30	Pass
142	5710(Band4)	A	-15.15	6.98	0.22	-4.94	<30	Pass
		B	-15.92	6.98	0.22	-5.71	<30	Pass
151	5755	A	-11.79	6.98	0.22	-1.58	<30	Pass
		B	-14.19	6.98	0.22	-3.98	<30	Pass
159	5795	A	-11.83	6.98	0.22	-1.62	<30	Pass
		B	-14.18	6.98	0.22	-3.97	<30	Pass

Note 1: The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

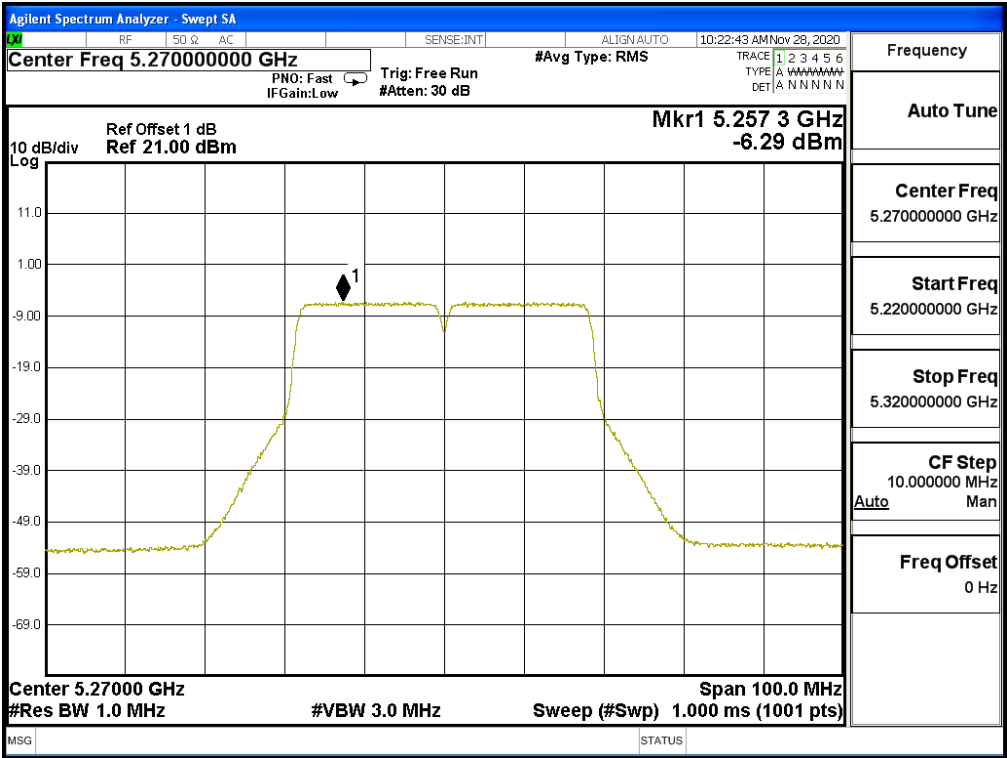
Channel 38 – Chain A



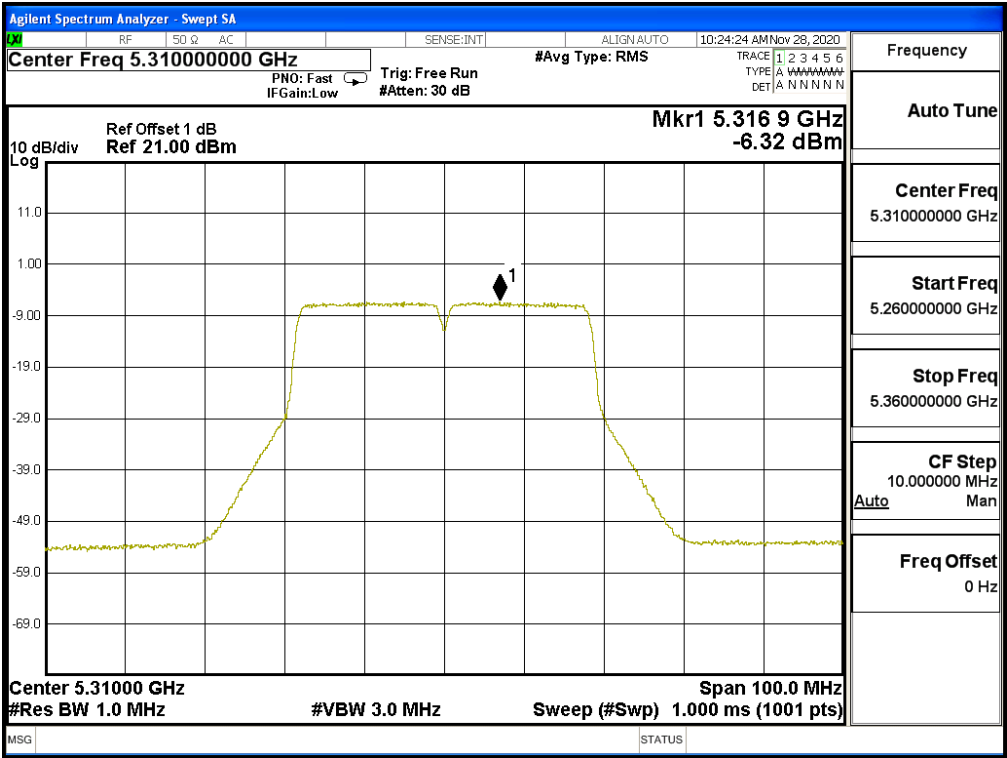
Channel 46 – Chain A



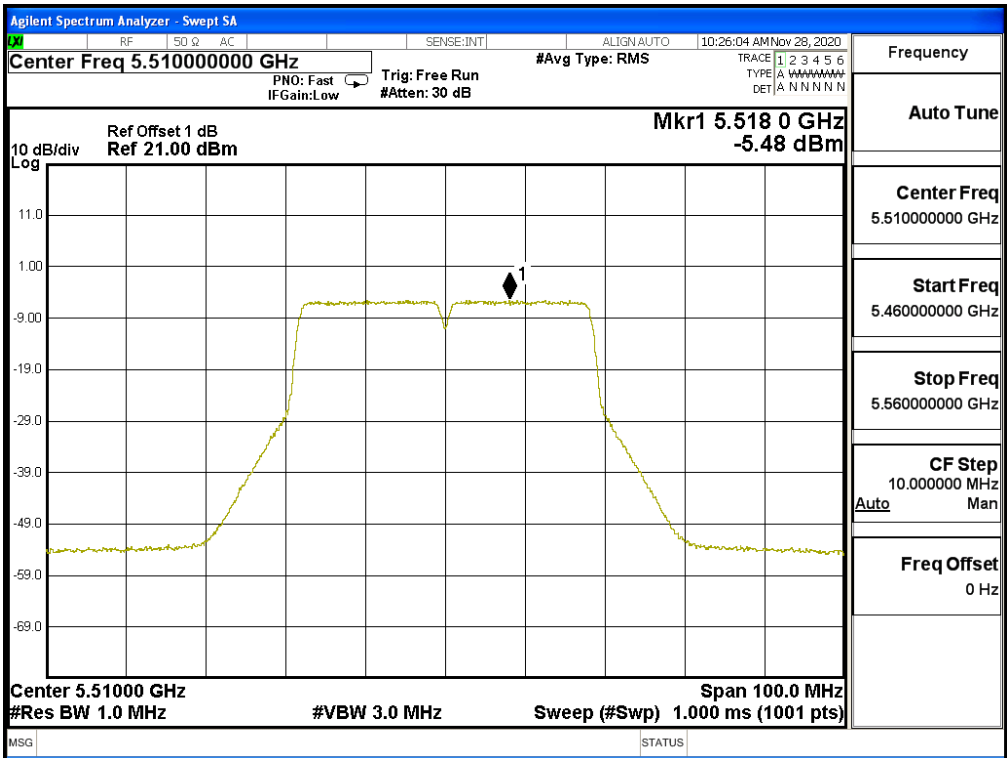
Channel 54 – Chain A



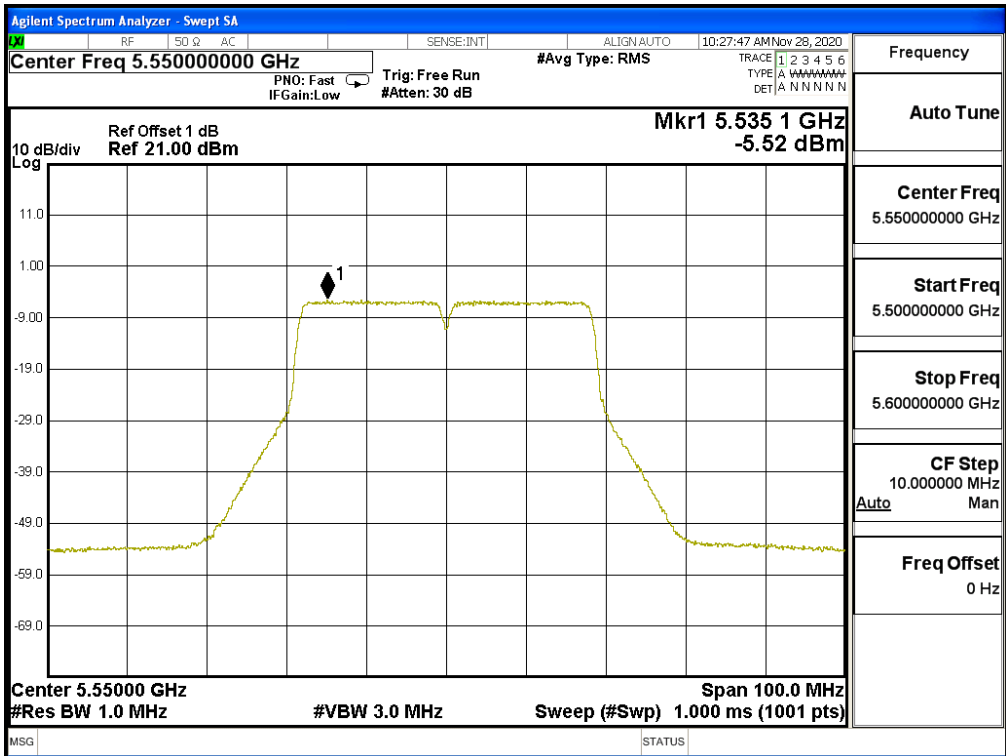
Channel 62 – Chain A



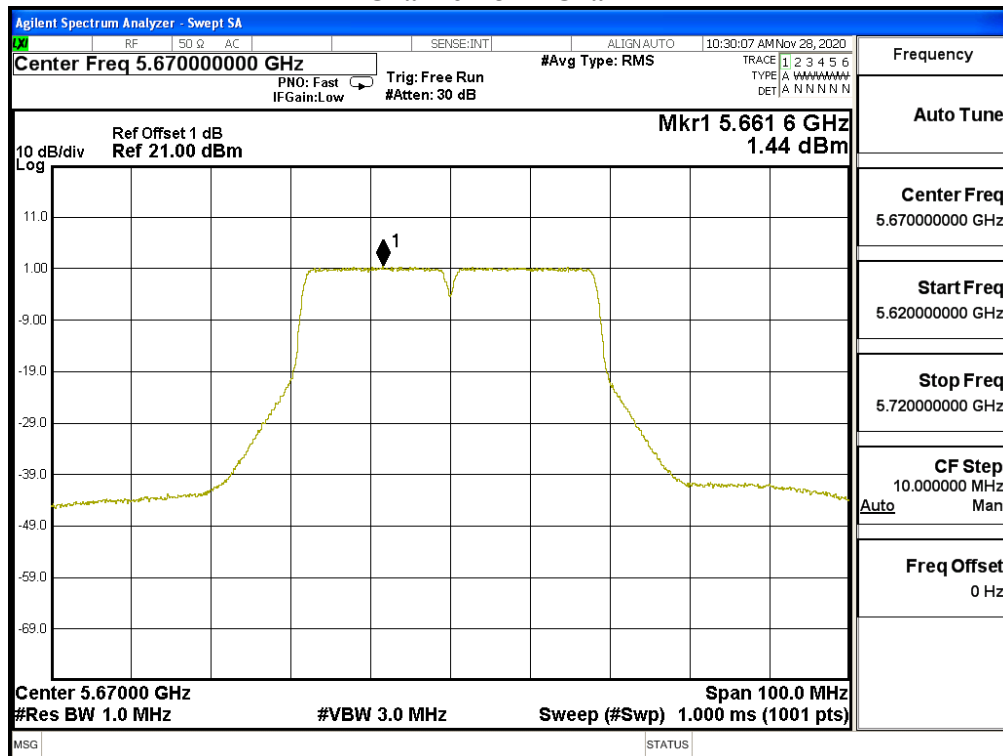
Channel 102 – Chain A



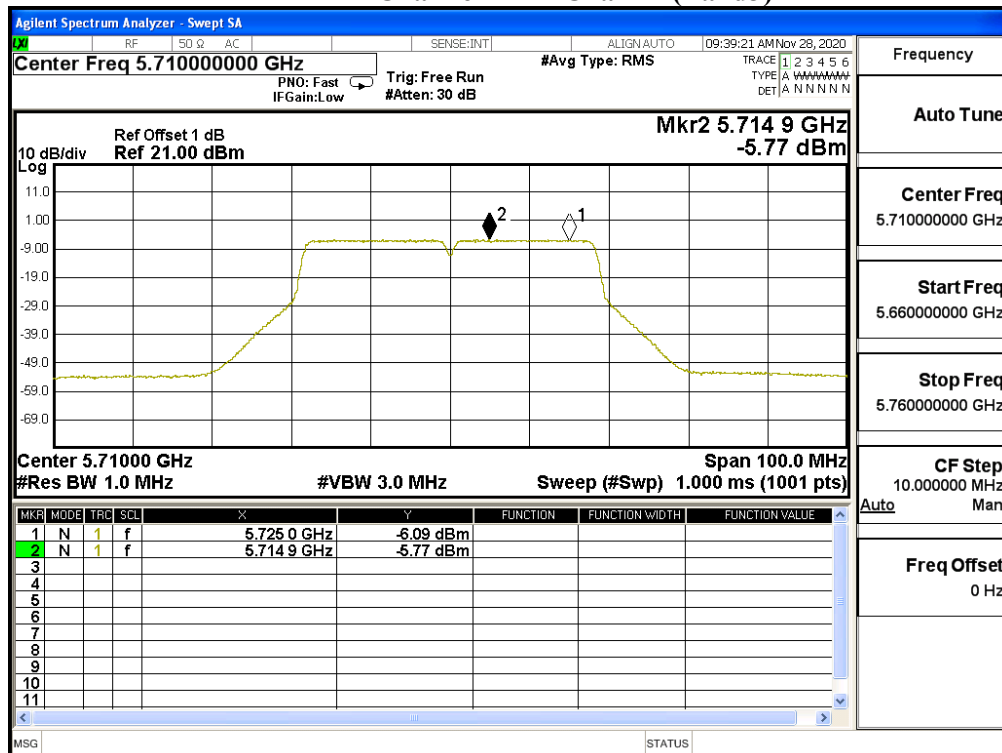
Channel 110 – Chain A



Channel 134 – Chain A



Channel 142 – Chain A (Band3)



Agilent Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN: AUTO 09:39:40 AM Nov 28, 2020

Center Freq 5.71000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS TRACE 1 2 3 4 5 6 TYPE A W W W W W W W W DET A N N N N N N

Ref Offset 1 dB Ref 21.00 dBm Mkr2 5.727 1 GHz -15.15 dBm

10 dB/div Log

MkR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.725 0 GHz	-16.38 dBm			
2	N	1	f	5.727 1 GHz	-15.15 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

Center 5.71000 GHz #Res BW 100 kHz #VBW 300 kHz Span 100.0 MHz Sweep (#Swp) 12.40 ms (1001 pts)

Agilent Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN: AUTO 10:44:35 AM Nov 28, 2020

Center Freq 5.75500000 GHz #Avg Type: RMS PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB

TRACE 1 2 3 4 5 6 TYPE A W W W W W W W W DET A N N N N N N

10 dB/div Ref Offset 1 dB Mkr1 5.746 8 GHz Ref 21.00 dBm -11.79 dBm

Log

Center 5.75500 GHz Span 100.0 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep (#Swp) 12.40 ms (1001 pts)

Frequency

Auto Tune

Center Freq 5.75500000 GHz

Start Freq 5.705000000 GHz

Stop Freq 5.805000000 GHz

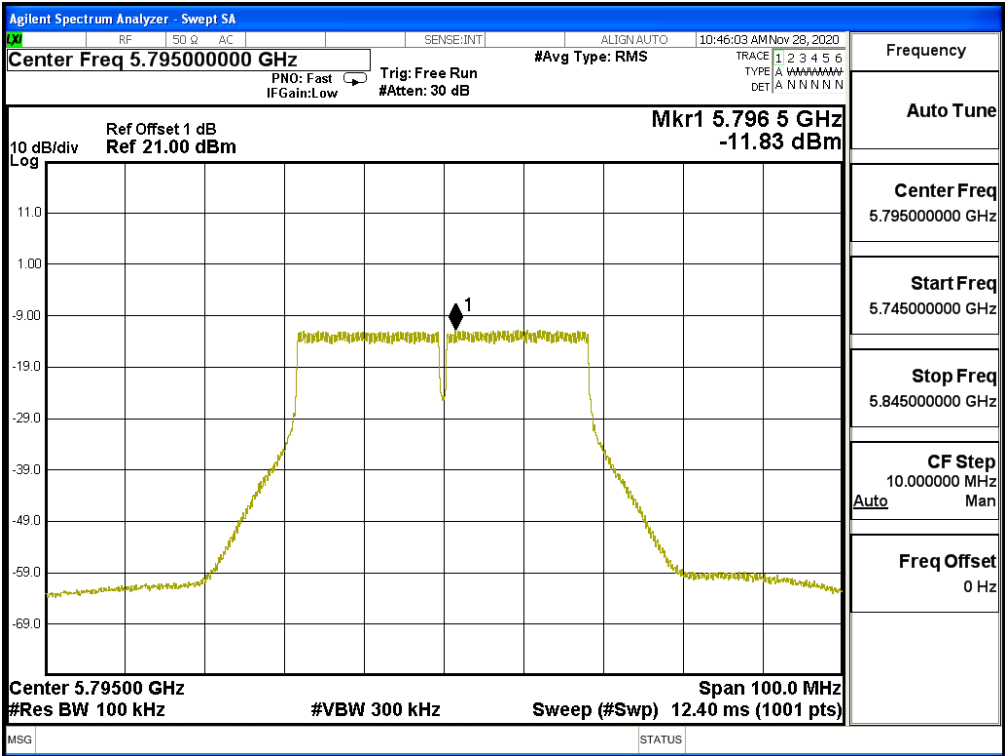
CF Step 10.000000 MHz

Auto Mar

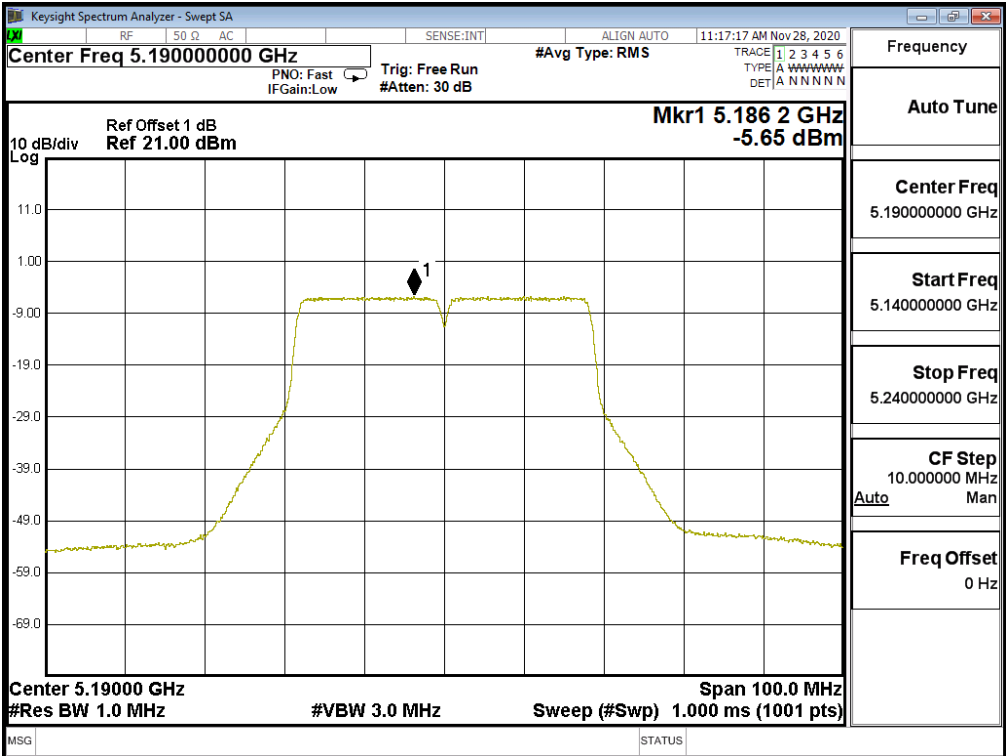
Freq Offset 0 Hz

MSG STATUS

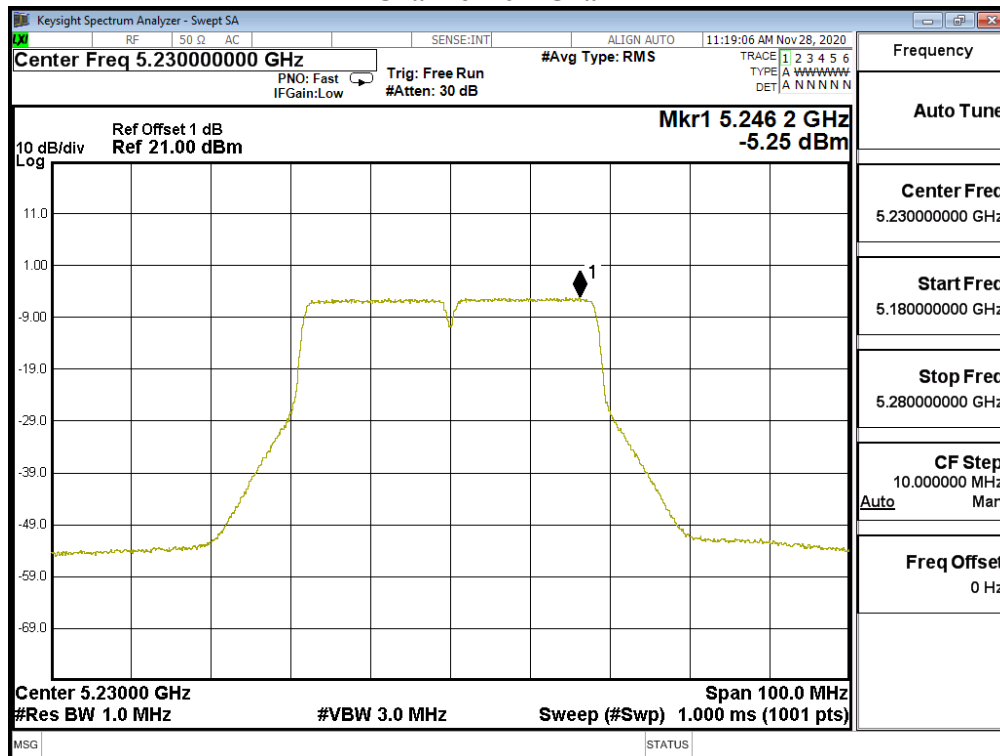
Channel 159 – Chain A



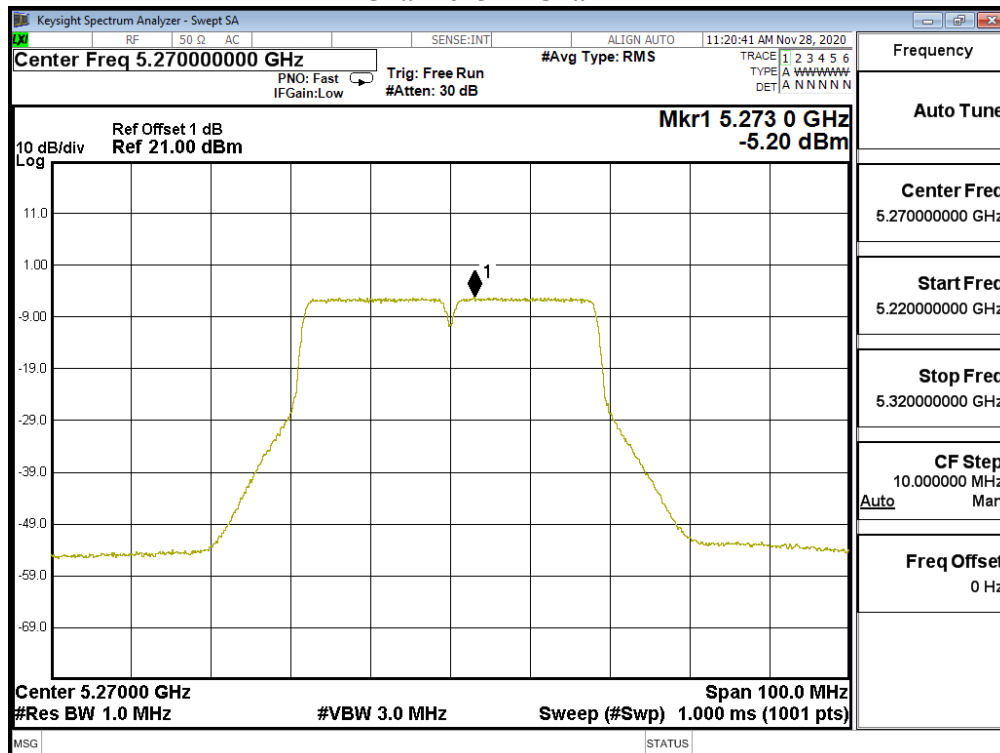
Channel 38 – Chain B



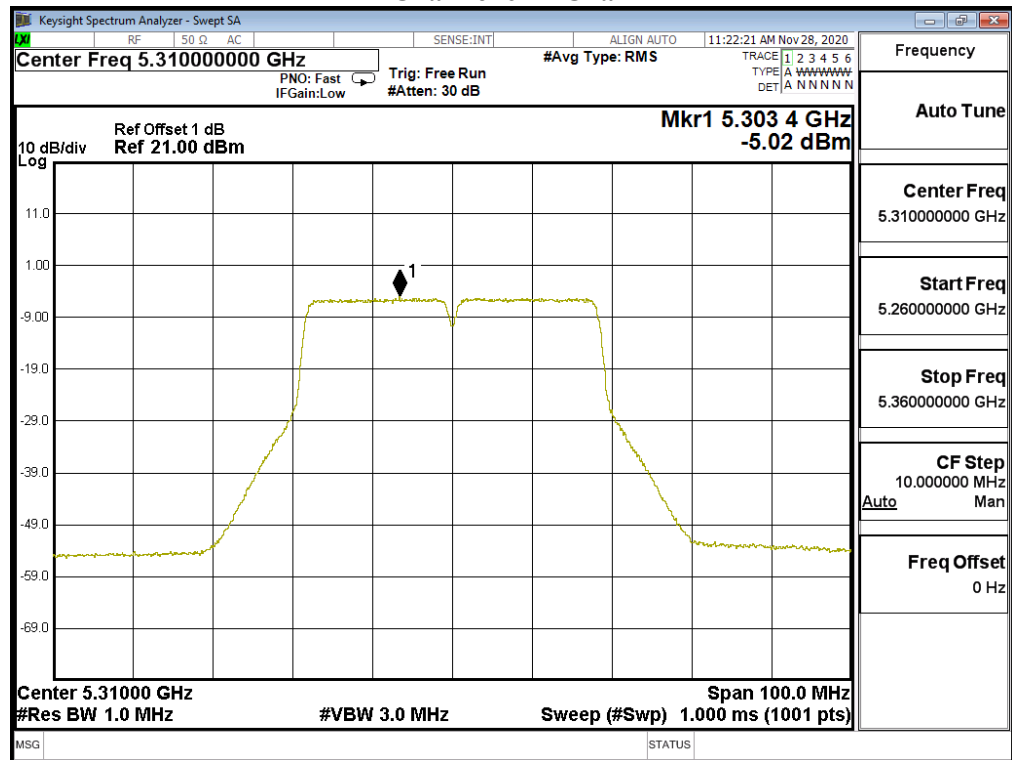
Channel 46 – Chain B



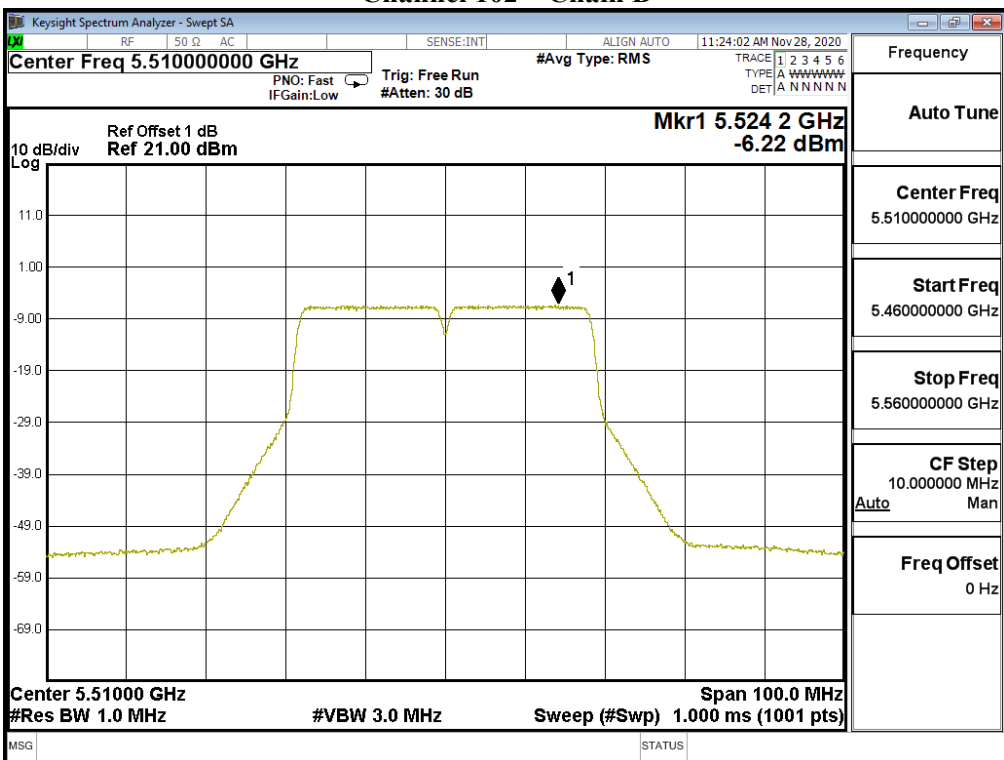
Channel 54 – Chain B



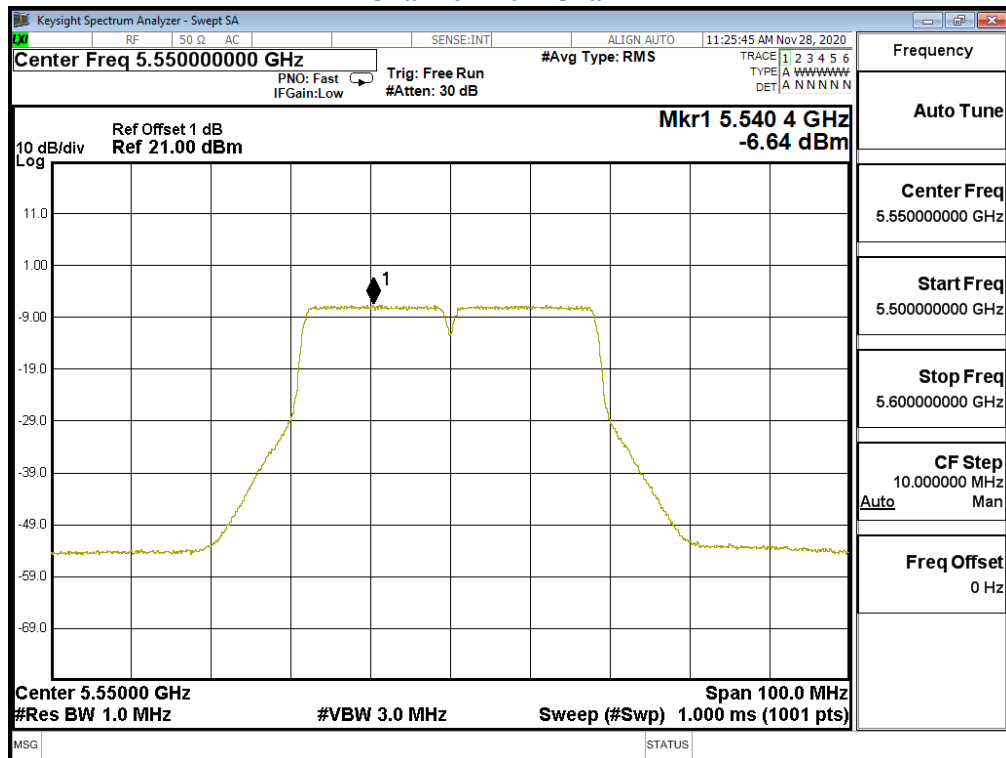
Channel 62 – Chain B



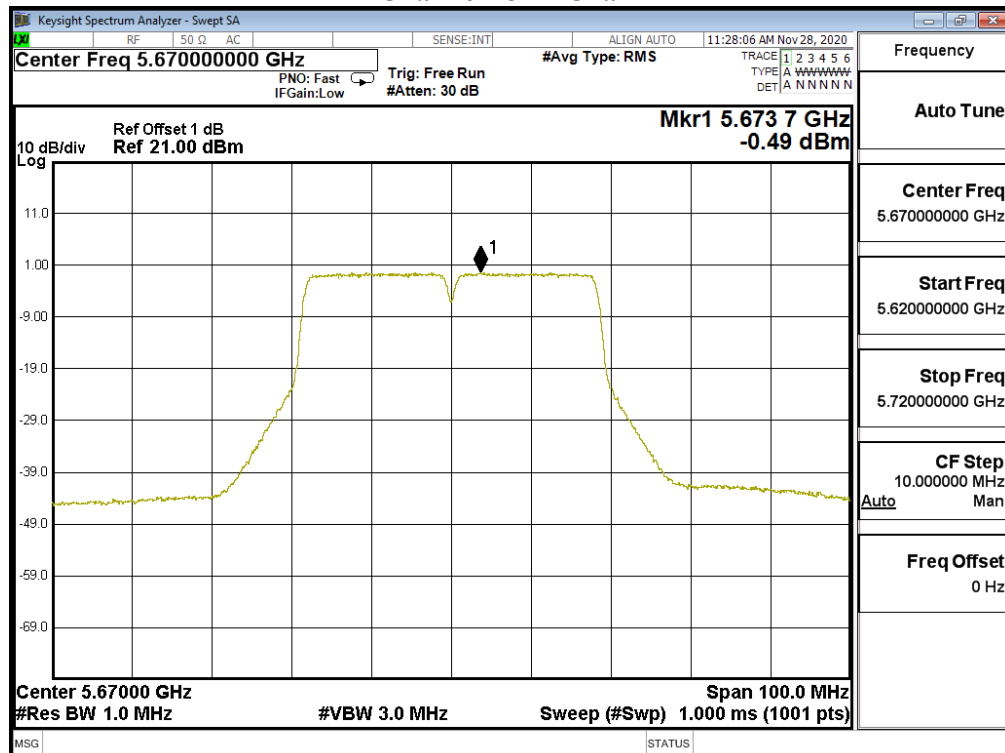
Channel 102 – Chain B



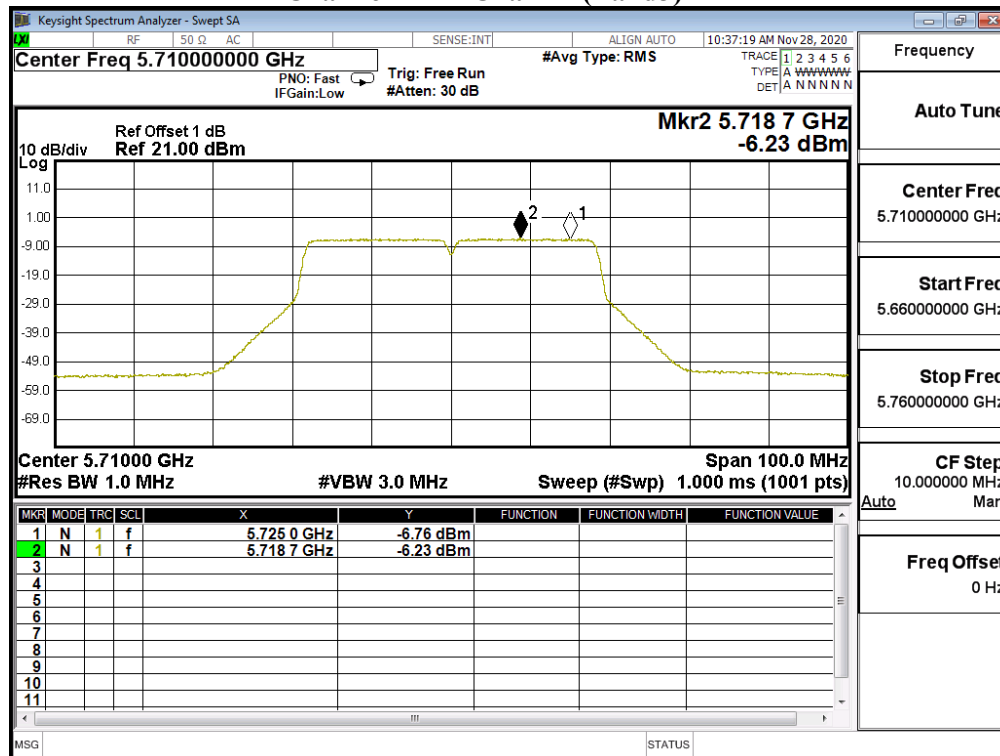
Channel 110 – Chain B



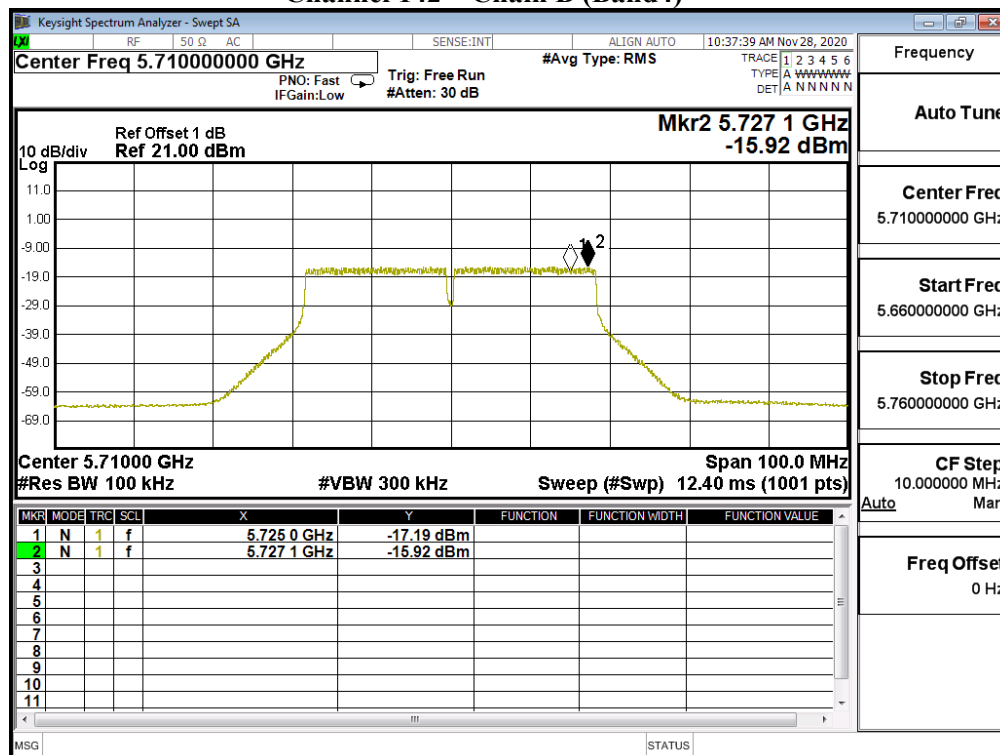
Channel 134 – Chain B



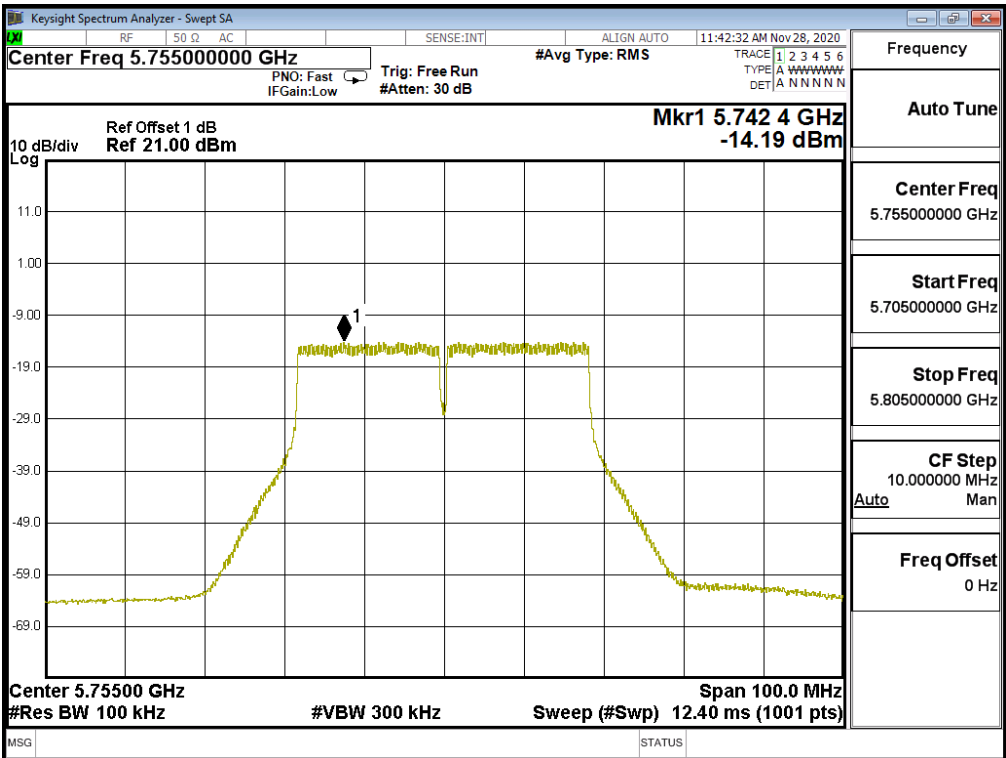
Channel 142 – Chain B (Band3)



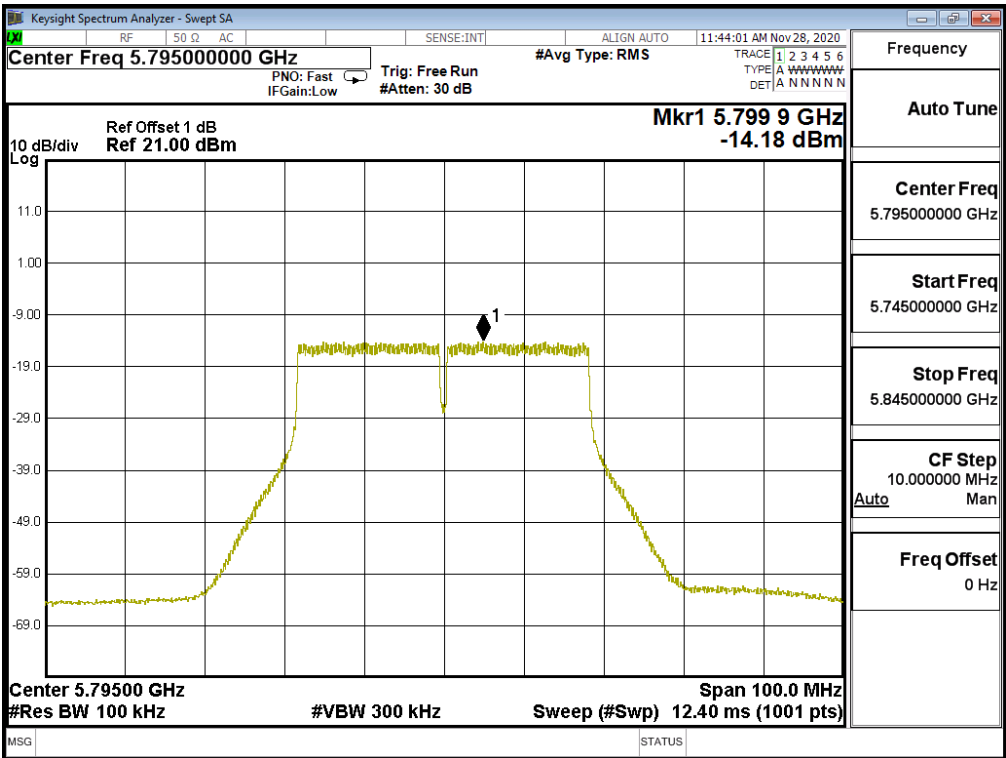
Channel 142 – Chain B (Band4)



Channel 151 – Chain B



Channel 159 – Chain B

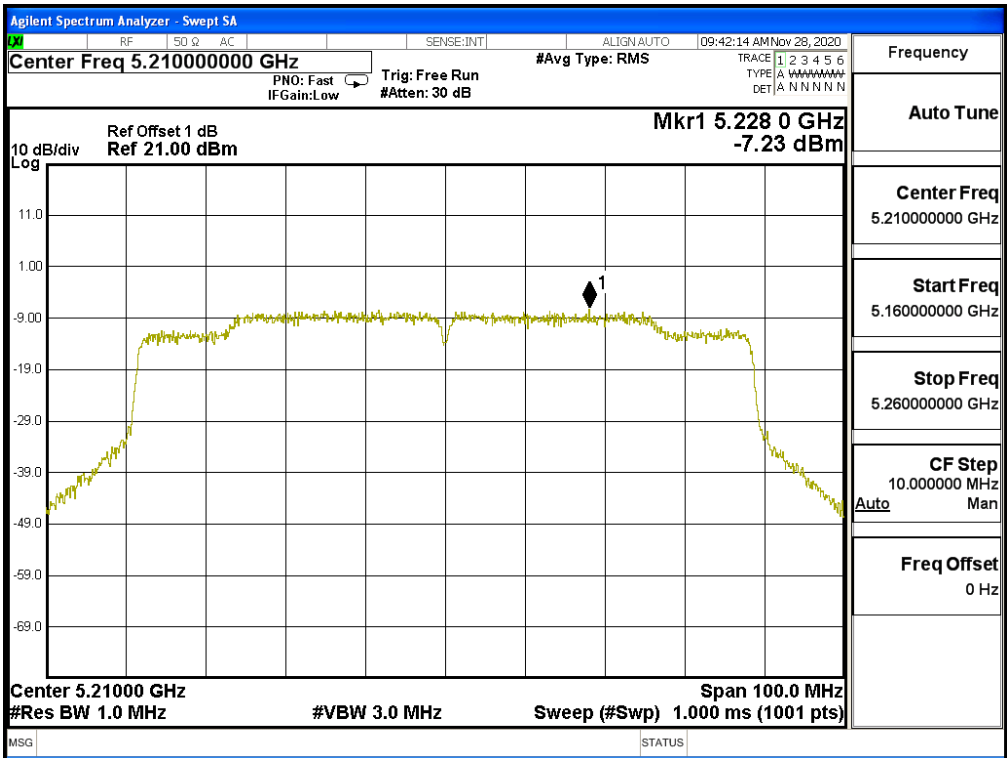


Product : Notebook Computers
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 21 MIMO: Transmit (802.11ac-80BW_65Mbps)

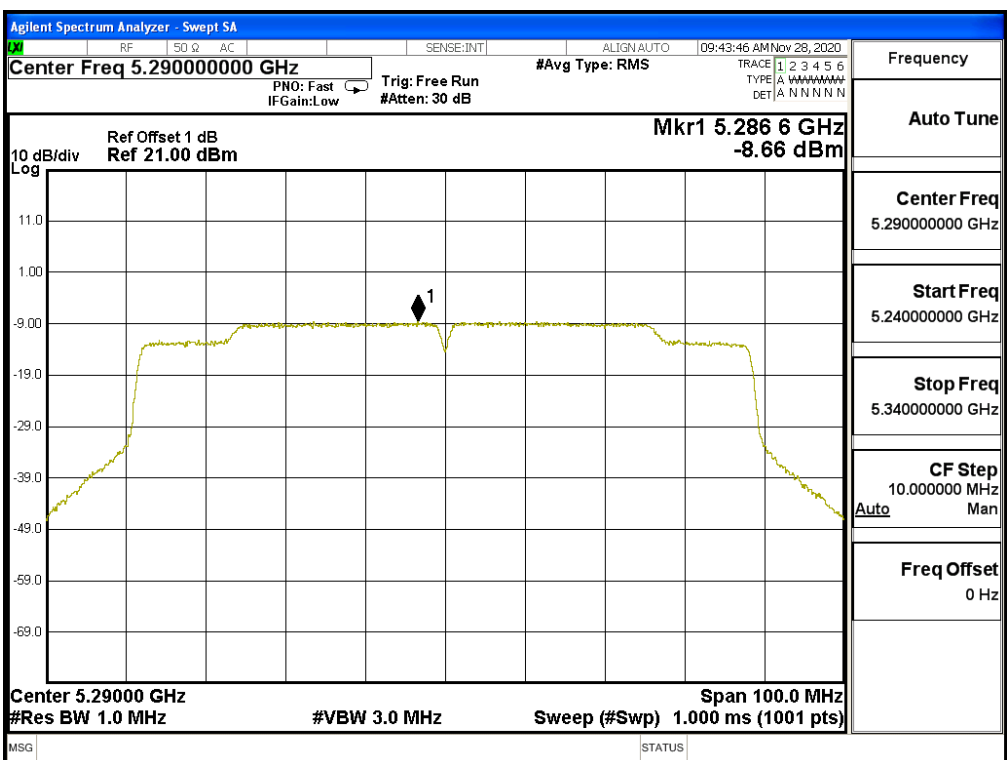
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
42	5210	A	-7.23	--	0.30	-3.92	<11	Pass
		B	-7.72	--	0.30	-4.41	<11	Pass
58	5290	A	-8.66	--	0.30	-5.35	<11	Pass
		B	-7.55	--	0.30	-4.24	<11	Pass
106	5530	A	-8.15	--	0.30	-4.84	<11	Pass
		B	-8.04	--	0.30	-4.73	<11	Pass
122	5610	A	-8.48	--	0.30	-5.17	<11	Pass
		B	-8.57	--	0.30	-5.26	<11	Pass
138(Band3)	5690	A	-8.07	--	0.30	-4.76	<11	Pass
		B	-8.73	--	0.30	-5.42	<11	Pass
138(Band4)	5690	A	-20.85	6.98	0.30	-10.56	<30	Pass
		B	-22.05	6.98	0.30	-11.76	<30	Pass
155	5775	A	-14.22	6.98	0.30	-3.93	<30	Pass
		B	-16.37	6.98	0.30	-6.08	<30	Pass

Note 1: The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

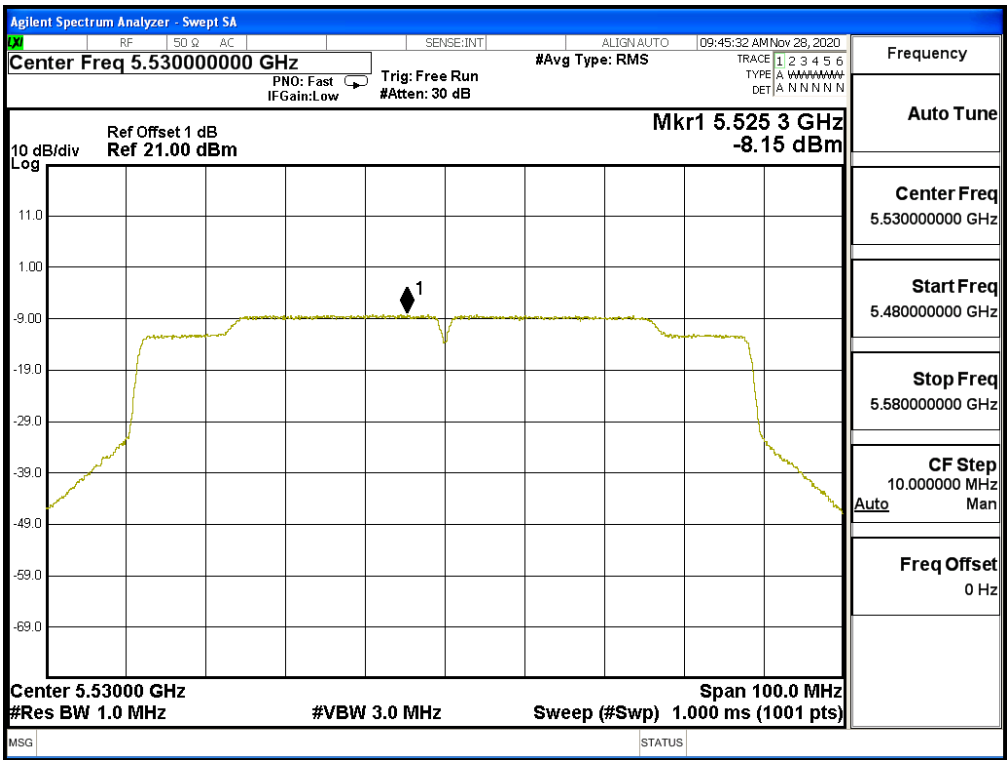
Channel 42 – Chain A



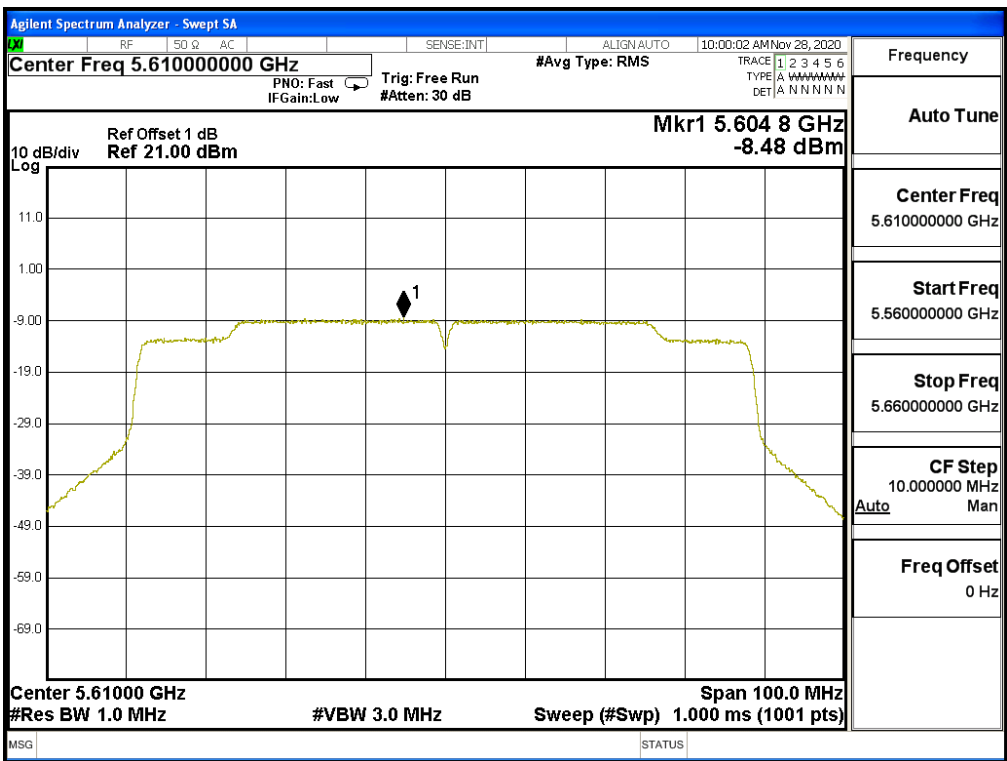
Channel 58 – Chain A



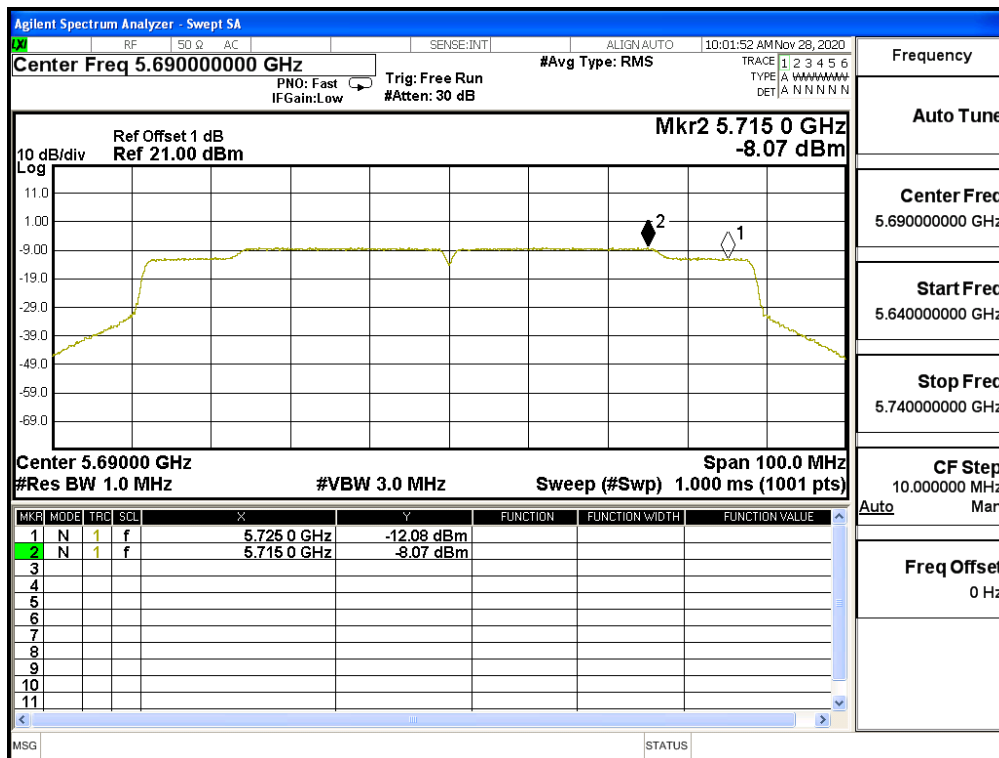
Channel 106 – Chain A



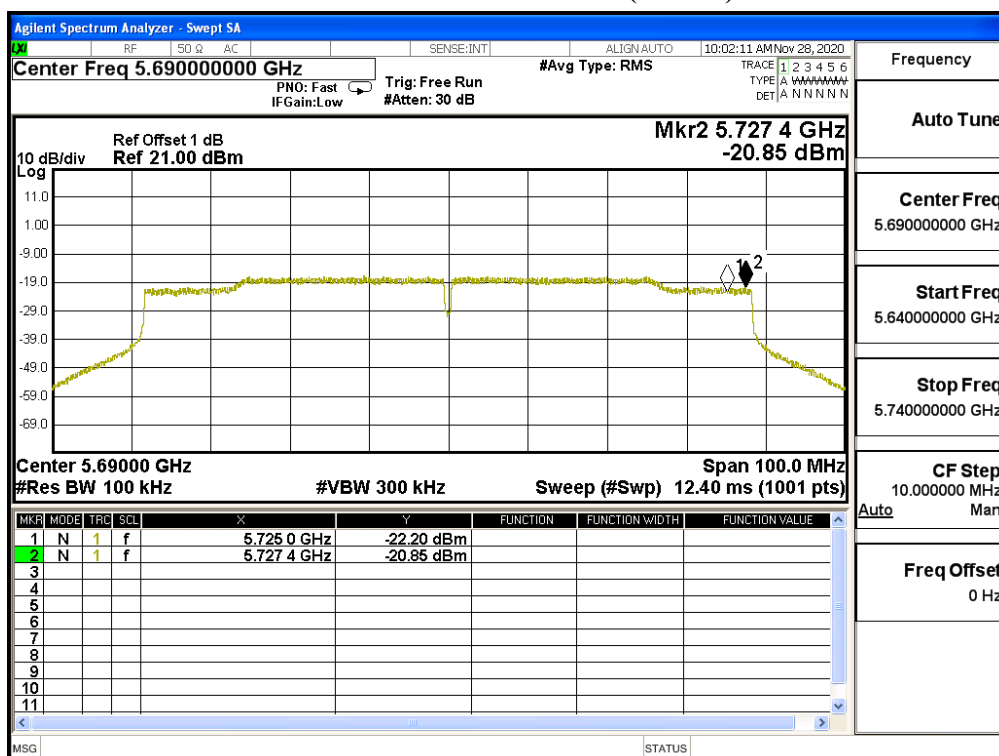
Channel 122 – Chain A



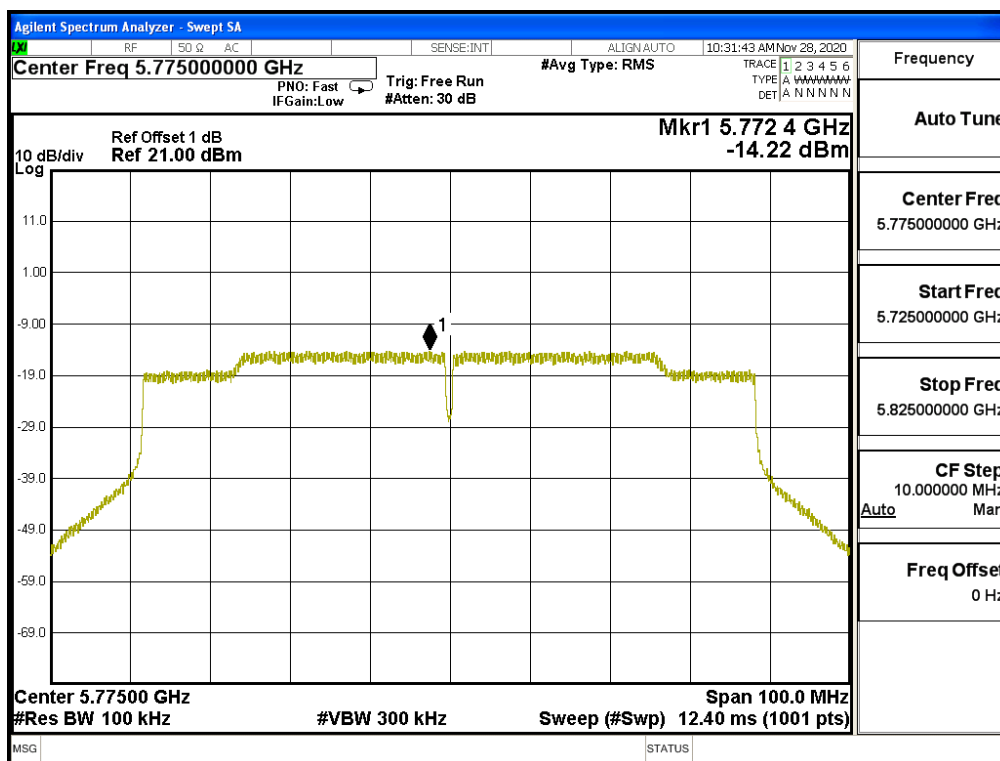
Channel 138 – Chain A (Band 3)



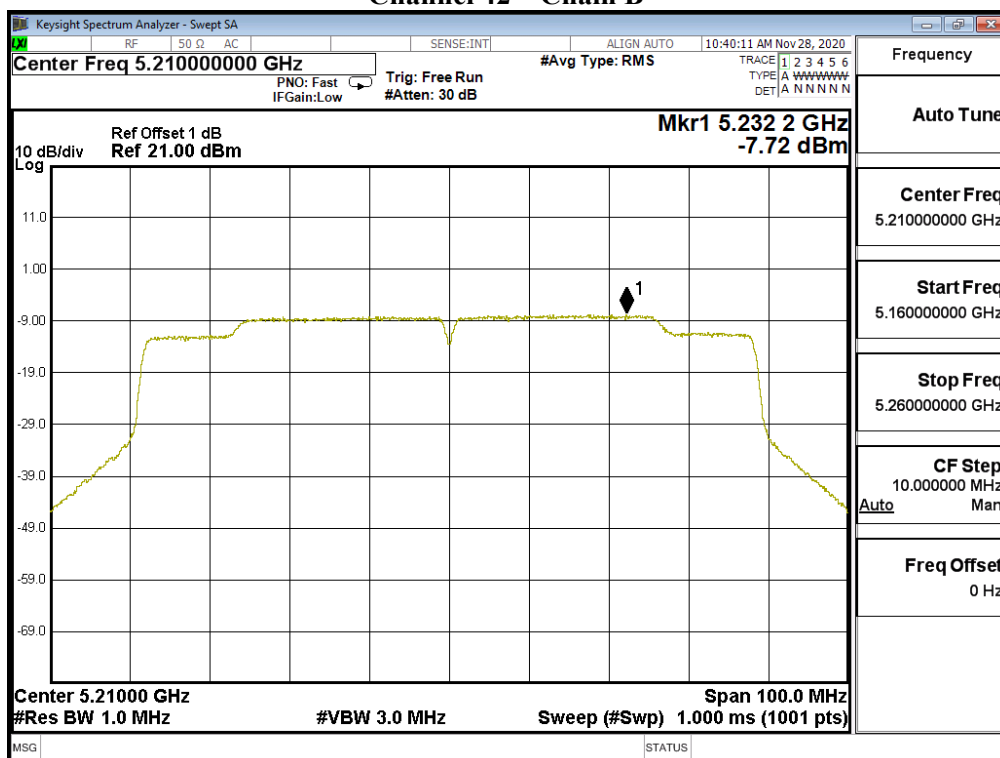
Channel 138 – Chain A (Band 4)



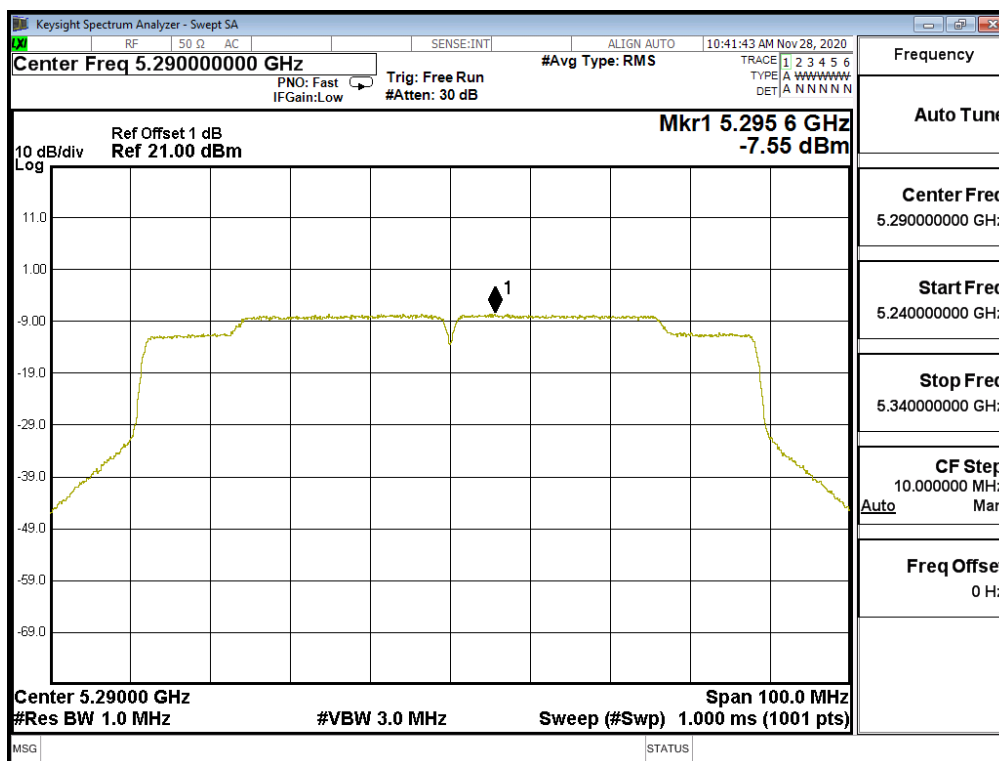
Channel 155 – Chain A



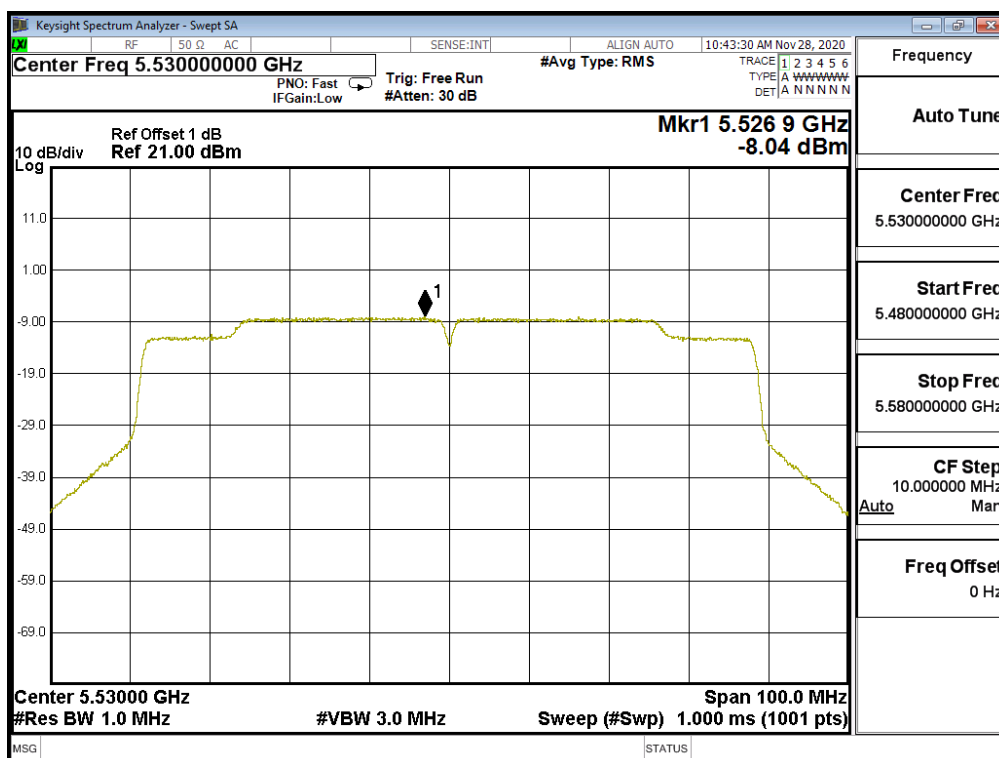
Channel 42 – Chain B



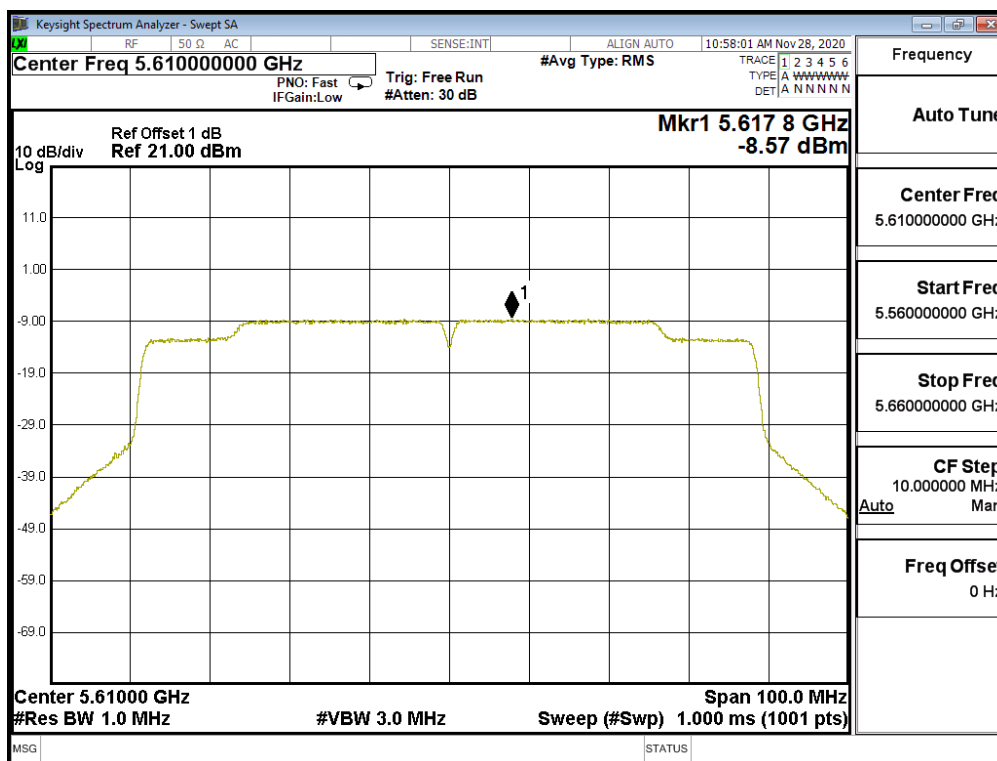
Channel 58 – Chain B



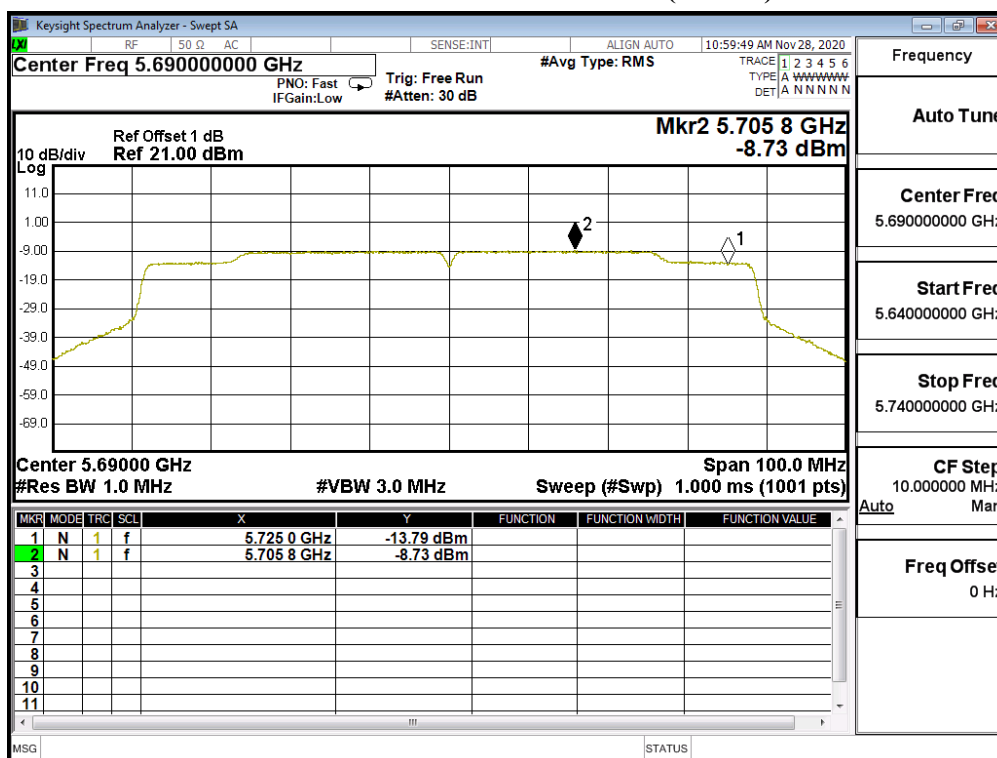
Channel 106 – Chain B



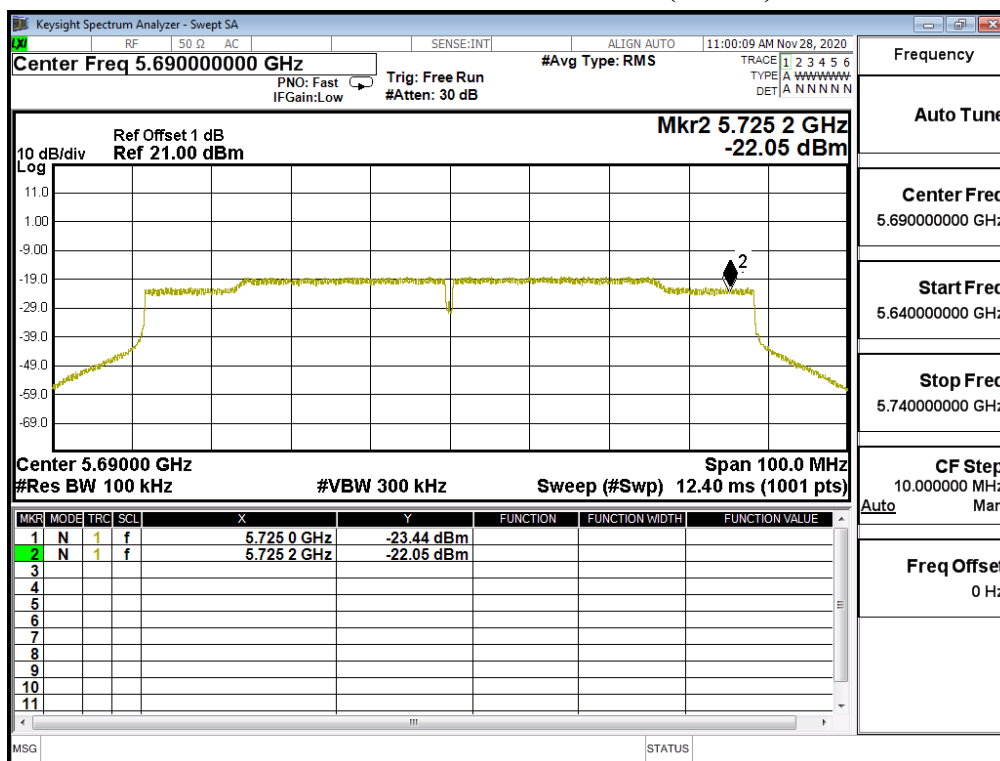
Channel 122 – Chain B



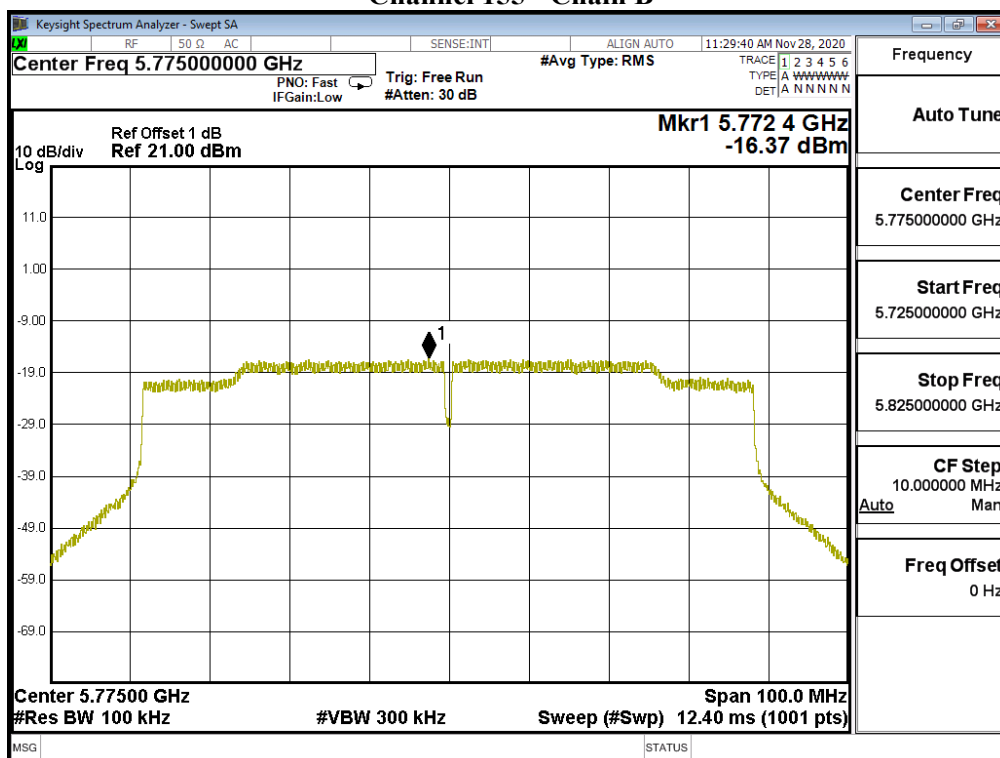
Channel 138 – Chain B (Band 3)



Channel 138 – Chain B (Band 4)



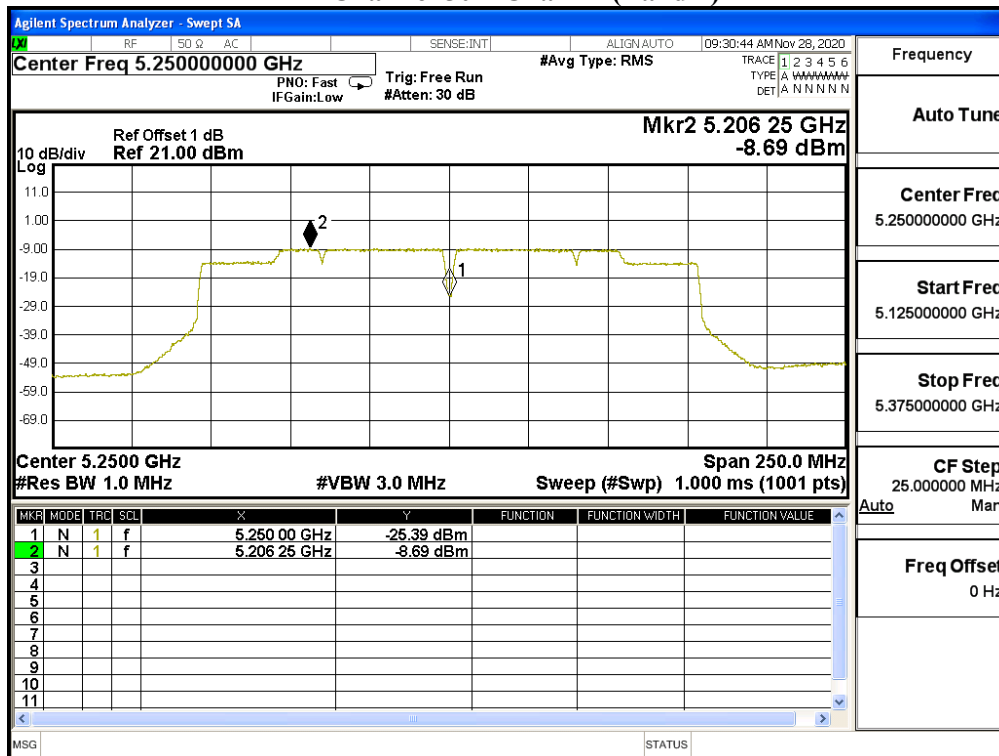
Channel 155 - Chain B



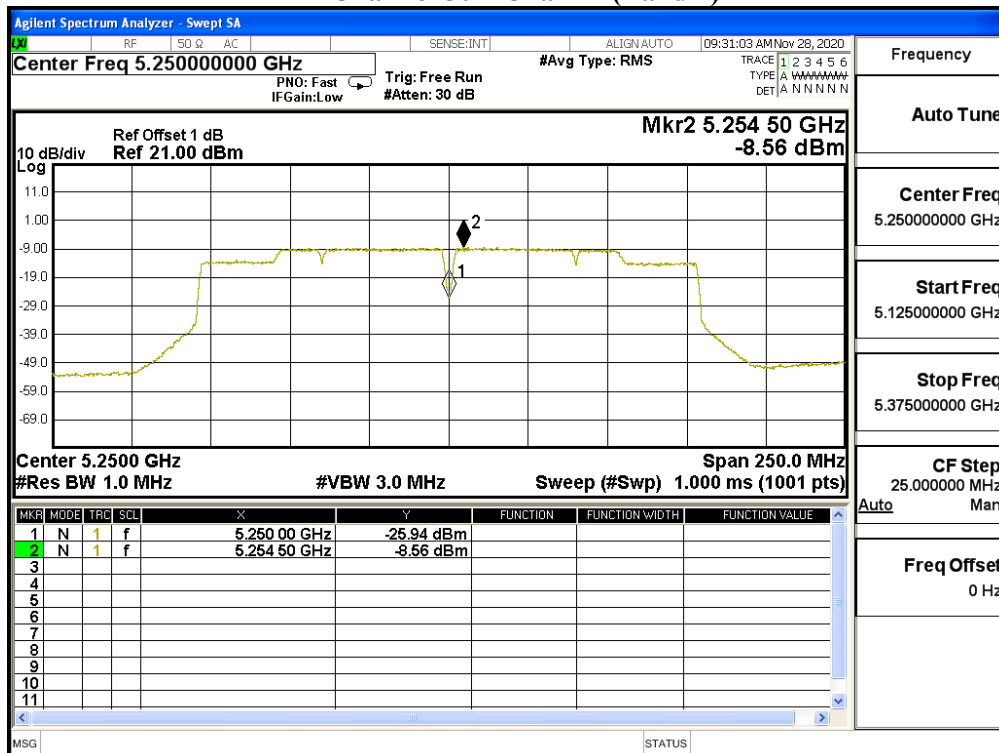
Product : Notebook Computers
Test Item : Peak Power Spectral Density
Test Mode : Mode 22 MIMO: Transmit (802.11ac-160BW_130Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
50	5250(Band1)	A	-8.69	--	0.09	-5.59	<11	Pass
		B	-9.15	--	0.09	-6.05	<11	Pass
	5250(Band2)	A	-8.56	--	0.09	-5.46	<11	Pass
		B	-8.90	--	0.09	-5.80	<11	Pass
114	5570	A	-10.67	--	0.09	-7.57	<11	Pass
		B	-11.77	--	0.09	-8.67	<11	Pass

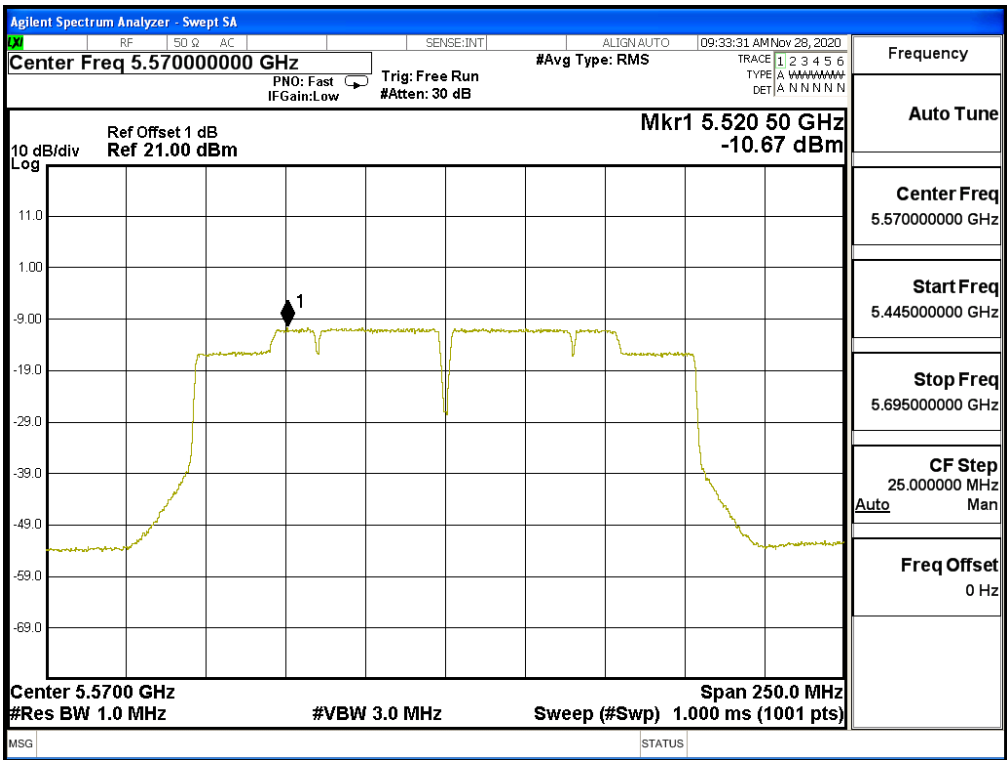
Channel 50 – Chain A (Band 1)



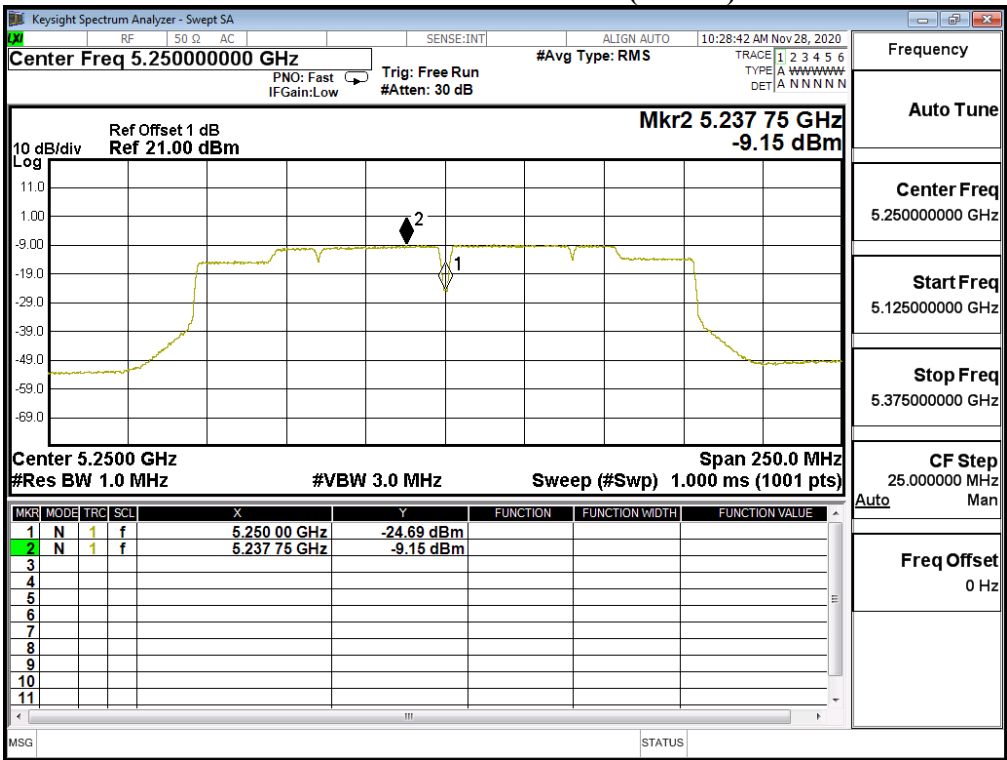
Channel 50 – Chain A (Band 2)



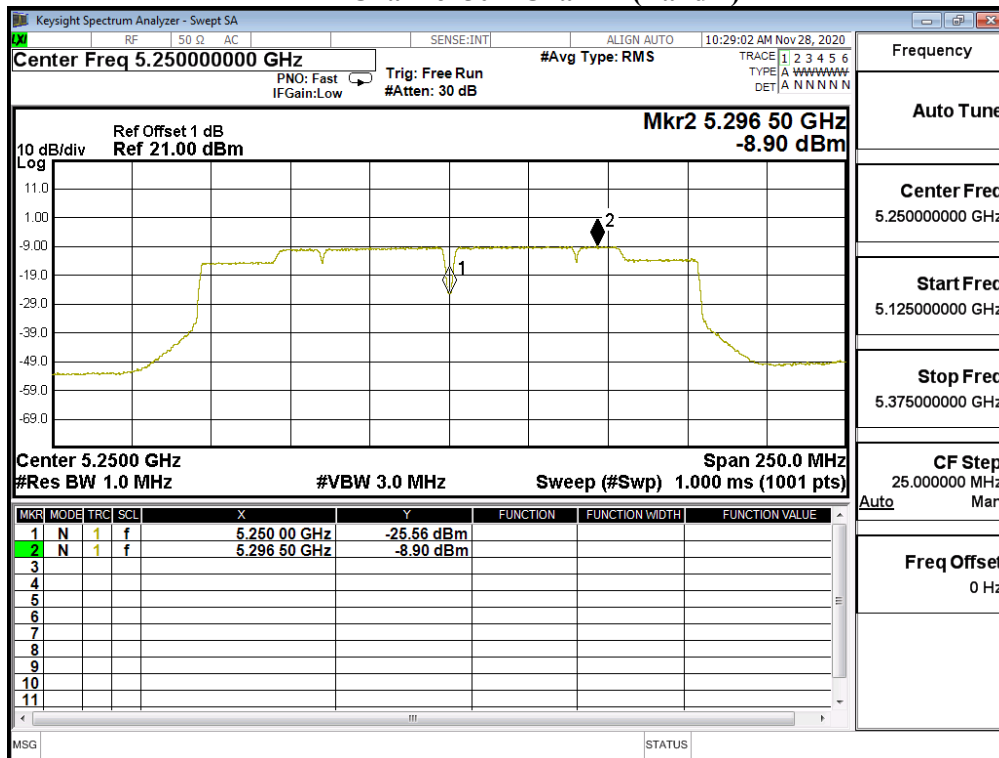
Channel 114 – Chain A



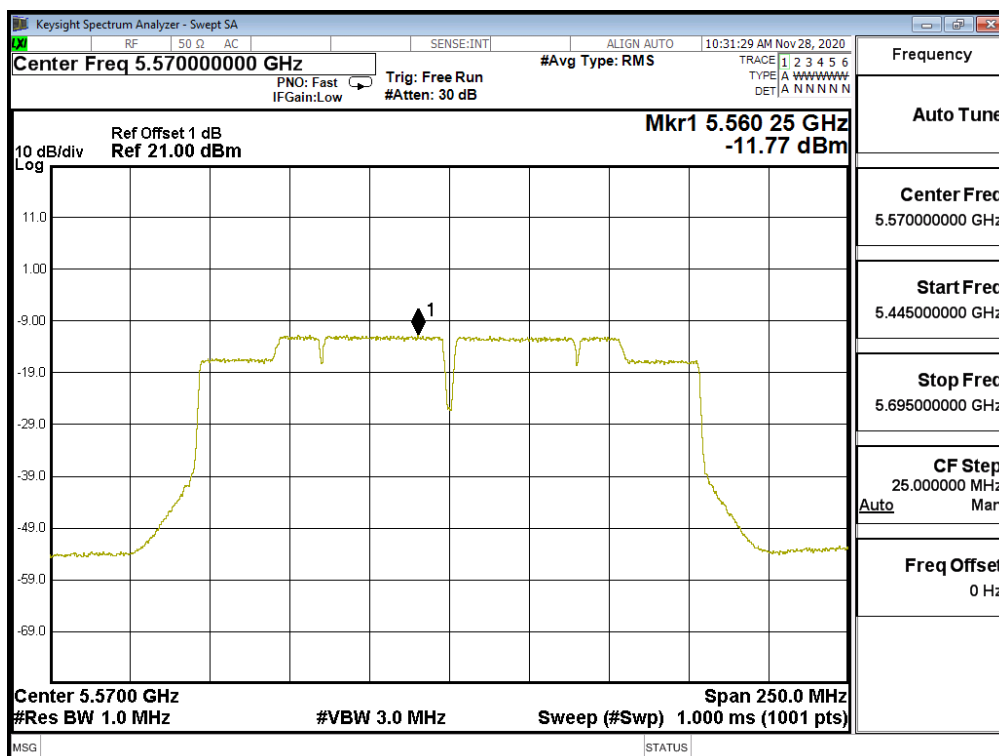
Channel 50 – Chain B (Band 1)



Channel 50 – Chain B (Band 2)



Channel 114 – Chain B



Product : Notebook Computers
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 23: MIMO: Transmit (802.11ax-20BW_17.2Mbps)

RU config: Full

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
36	5180	A	-3.54	--	0.08	-0.45	11	Pass
		B	-2.56	--	0.08	0.53	11	Pass
44	5220	A	-3.57	--	0.08	-0.48	11	Pass
		B	-2.15	--	0.08	0.94	11	Pass
48	5240	A	-3.51	--	0.08	-0.42	11	Pass
		B	-1.85	--	0.08	1.24	11	Pass
52	5260	A	-3.38	--	0.08	-0.29	11	Pass
		B	-2.48	--	0.08	0.61	11	Pass
60	5300	A	-3.76	--	0.08	-0.67	11	Pass
		B	-2.24	--	0.08	0.85	11	Pass
64	5320	A	2.28	--	0.08	5.37	11	Pass
		B	1.17	--	0.08	4.26	11	Pass
100	5500	A	-2.71	--	0.08	0.38	11	Pass
		B	-3.22	--	0.08	-0.13	11	Pass
116	5580	A	-3.30	--	0.08	-0.21	11	Pass
		B	-3.22	--	0.08	-0.13	11	Pass
140	5700	A	-3.36	--	0.08	-0.27	11	Pass
		B	-2.73	--	0.08	0.36	11	Pass

RU config: Full

Channel / Frequenc	RU setting	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
144(Band3)	5720	A	-3.05	--	0.08	0.04	<11	Pass
		B	-3.62	--	0.08	-0.53	<11	Pass
144(Band4)	5720	A	-13.19	6.98	0.08	-3.12	<30	Pass
		B	-13.66	6.98	0.08	-3.59	<30	Pass
149	5745	A	-10.60	6.98	0.08	-0.53	<30	Pass
		B	-12.57	6.98	0.08	-2.50	<30	Pass
157	5785	A	-10.75	6.98	0.08	-0.68	<30	Pass
		B	-12.33	6.98	0.08	-2.26	<30	Pass
165	5825	A	-10.69	6.98	0.08	-0.62	<30	Pass
		B	-12.22	6.98	0.08	-2.15	<30	Pass

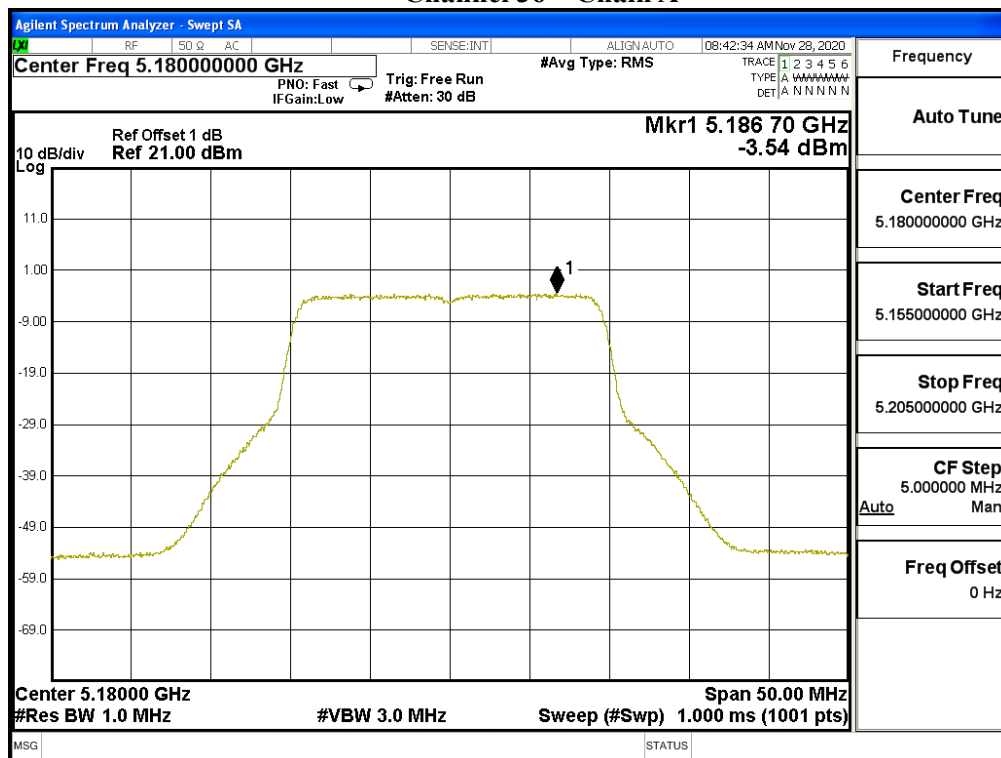
Note 1: The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

RU config: Other

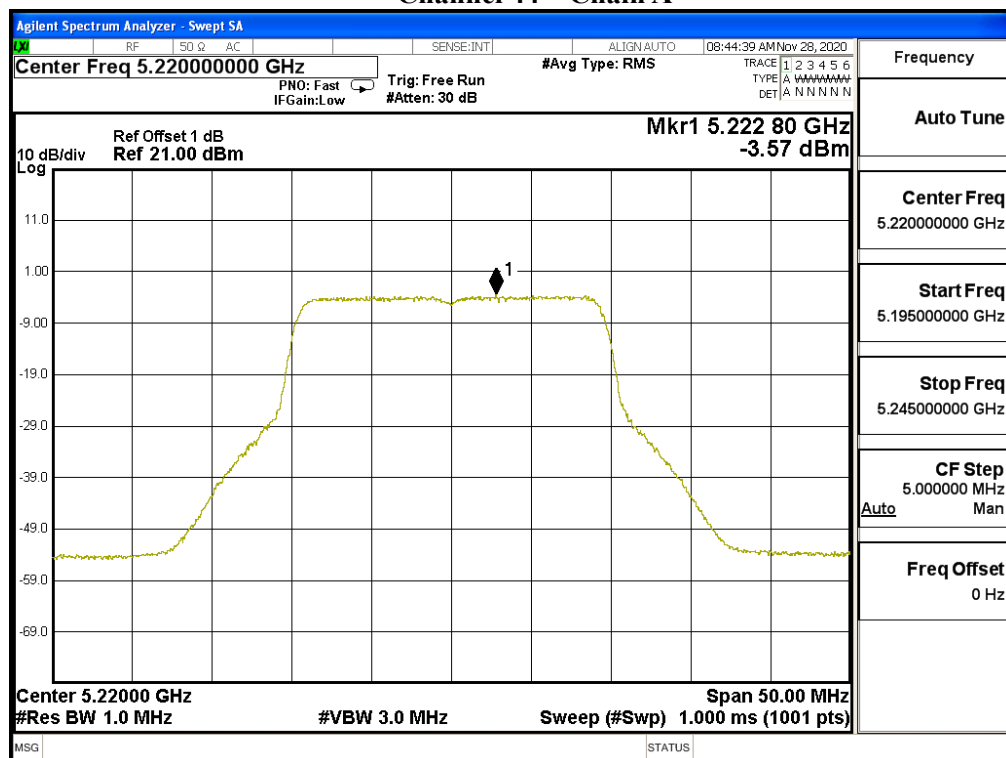
Channel / Frequence	RU setting	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36/5180	26/0	A	5.21	--	0.12	8.34	11	Pass
		B	6.53	--	0.12	9.66	11	Pass
	52/37	A	2.43	--	0.12	5.56	11	Pass
		B	5.87	--	0.12	9.00	11	Pass
	106/53	A	-0.66	--	0.12	2.47	11	Pass
		B	2.74	--	0.12	5.87	11	Pass
64/5320	26/8	A	5.92	--	0.12	9.05	11	Pass
		B	6.81	--	0.12	9.94	11	Pass
	52/40	A	3.01	--	0.12	6.14	11	Pass
		B	5.34	--	0.12	8.47	11	Pass
	106/54	A	-0.34	--	0.12	2.79	11	Pass
		B	2.82	--	0.12	5.95	11	Pass
100/5500	26/0	A	5.94	--	0.12	9.07	11	Pass
		B	6.43	--	0.12	9.56	11	Pass
	52/37	A	3.29	--	0.12	6.42	11	Pass
		B	5.11	--	0.12	8.24	11	Pass
	106/53	A	0.33	--	0.12	3.46	11	Pass
		B	2.04	--	0.12	5.17	11	Pass
140/5700	26/8	A	5.36	--	0.12	8.49	11	Pass
		B	5.96	--	0.12	9.09	11	Pass
	52/40	A	2.48	--	0.12	5.61	11	Pass
		B	4.66	--	0.12	7.79	11	Pass
	106/54	A	0.03	--	0.12	3.16	11	Pass
		B	1.52	--	0.12	4.65	11	Pass
149/5745	26/0	A	-1.68	6.98	0.12	8.43	30	Pass
		B	-1.11	6.98	0.12	9.00	30	Pass
	52/37	A	-4.04	6.98	0.12	6.07	30	Pass
		B	-4.58	6.98	0.12	5.53	30	Pass
	106/53	A	-7.15	6.98	0.12	2.96	30	Pass
		B	-7.61	6.98	0.12	2.50	30	Pass

Note 1: The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

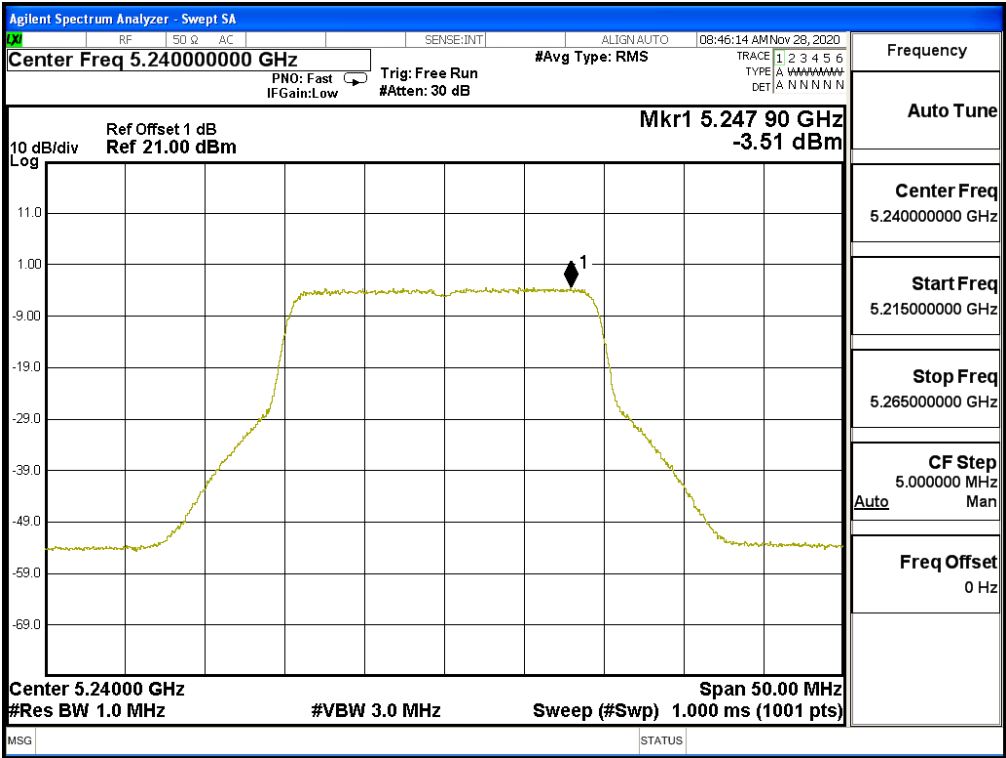
RU config: Full
Channel 36 – Chain A



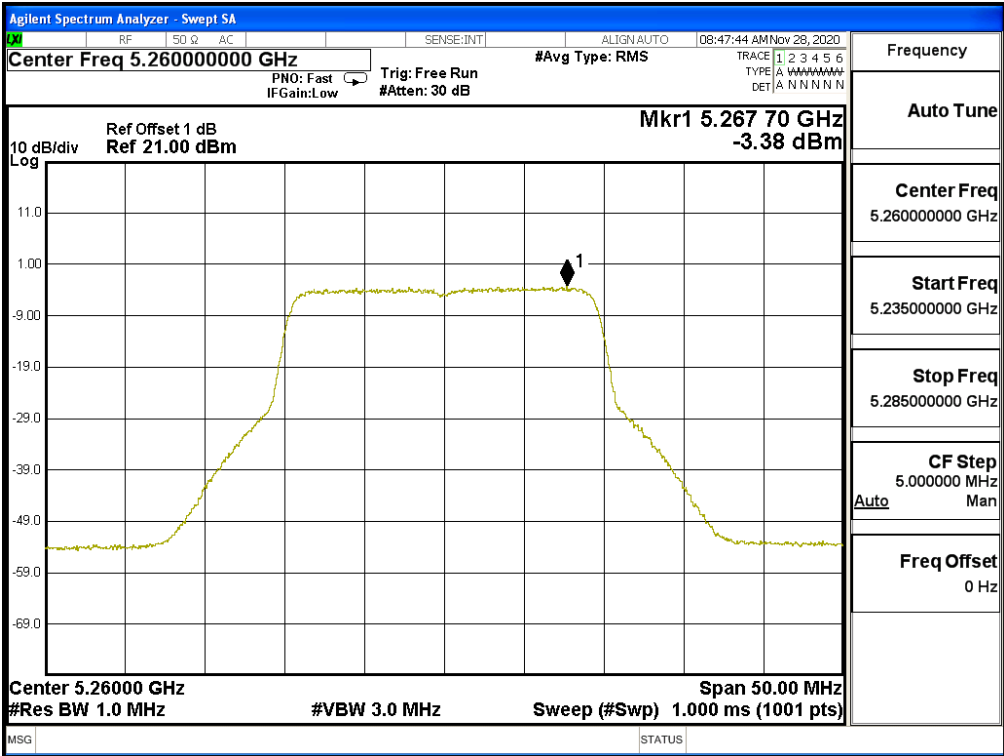
Channel 44 – Chain A



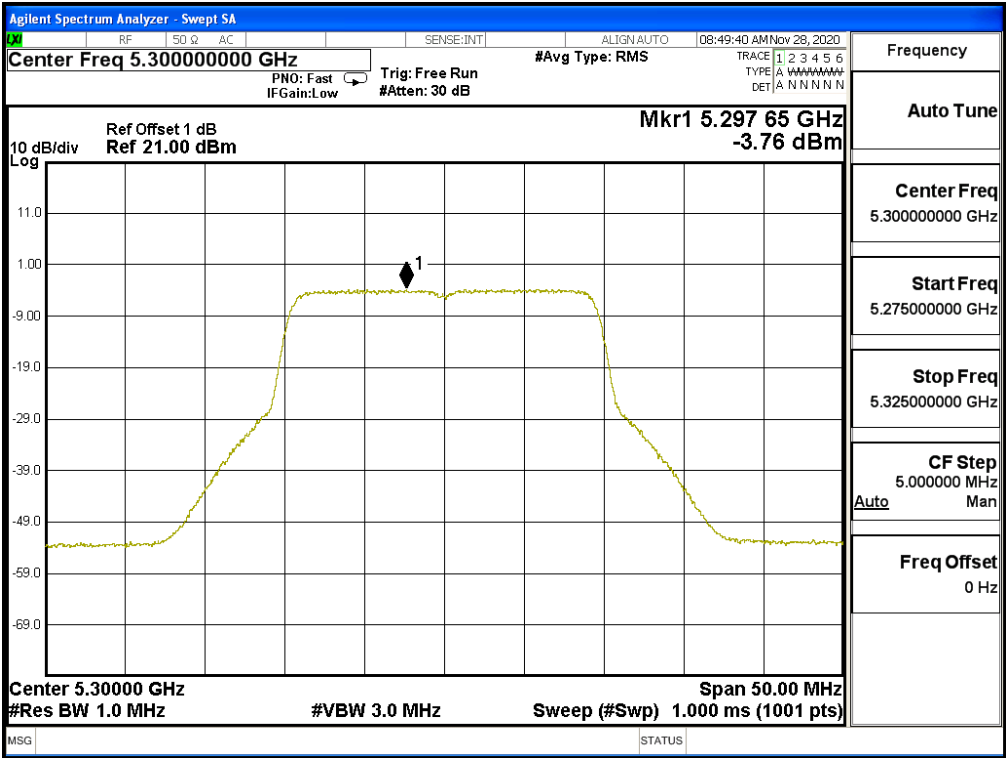
Channel 48 – Chain A



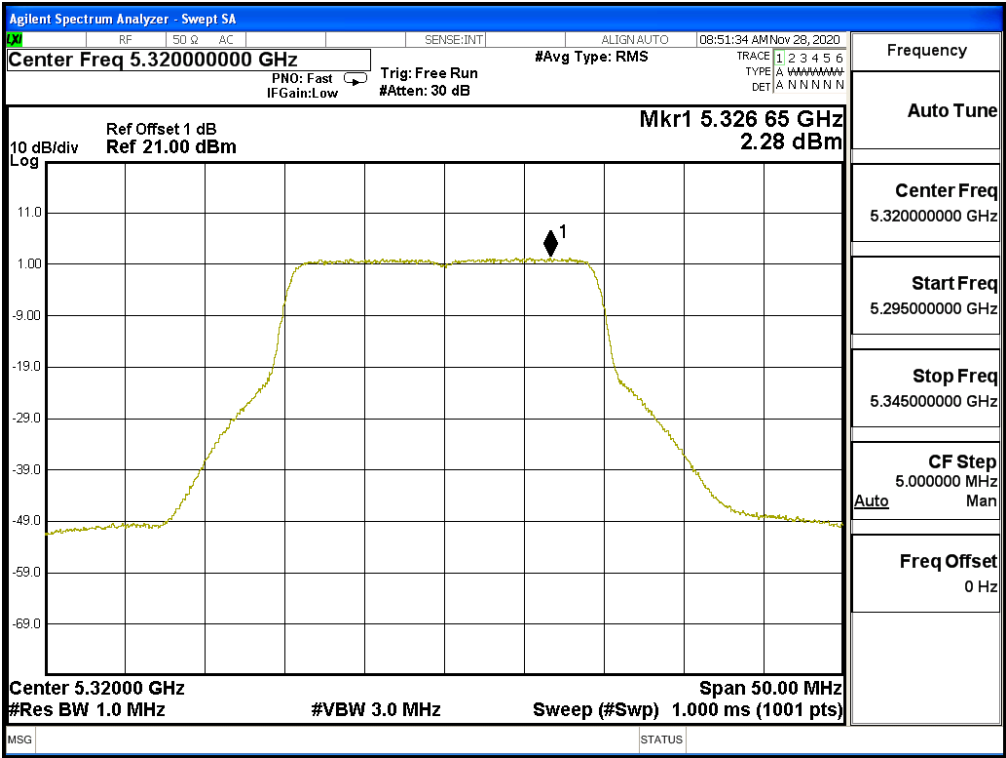
Channel 52 – Chain A



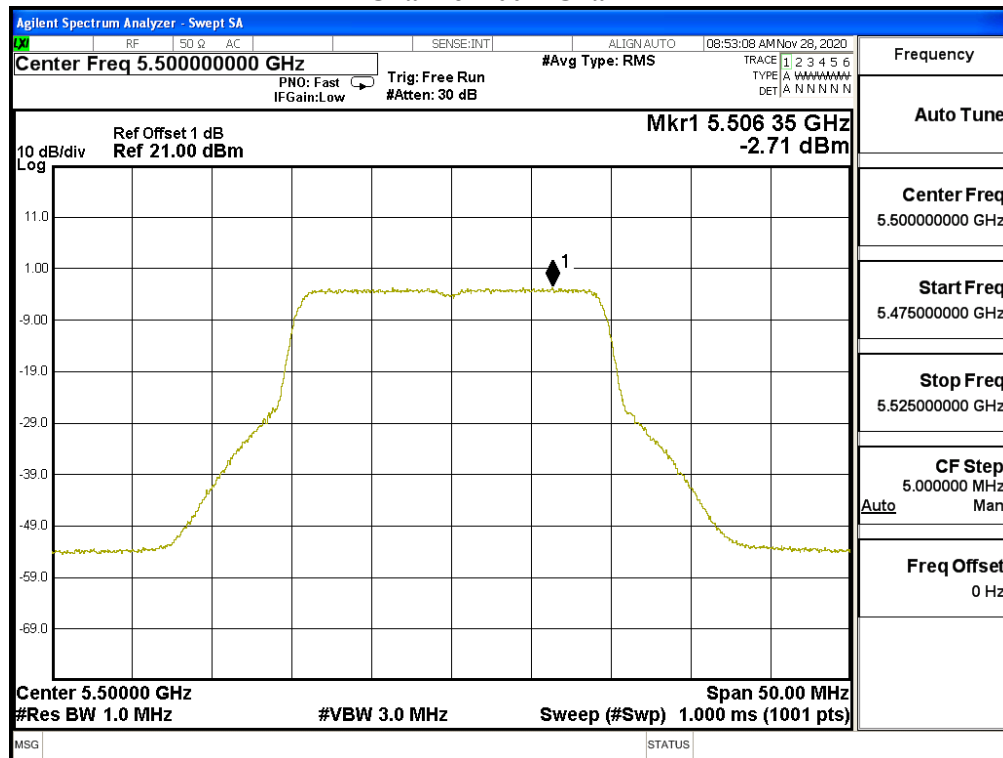
Channel 60 – Chain A



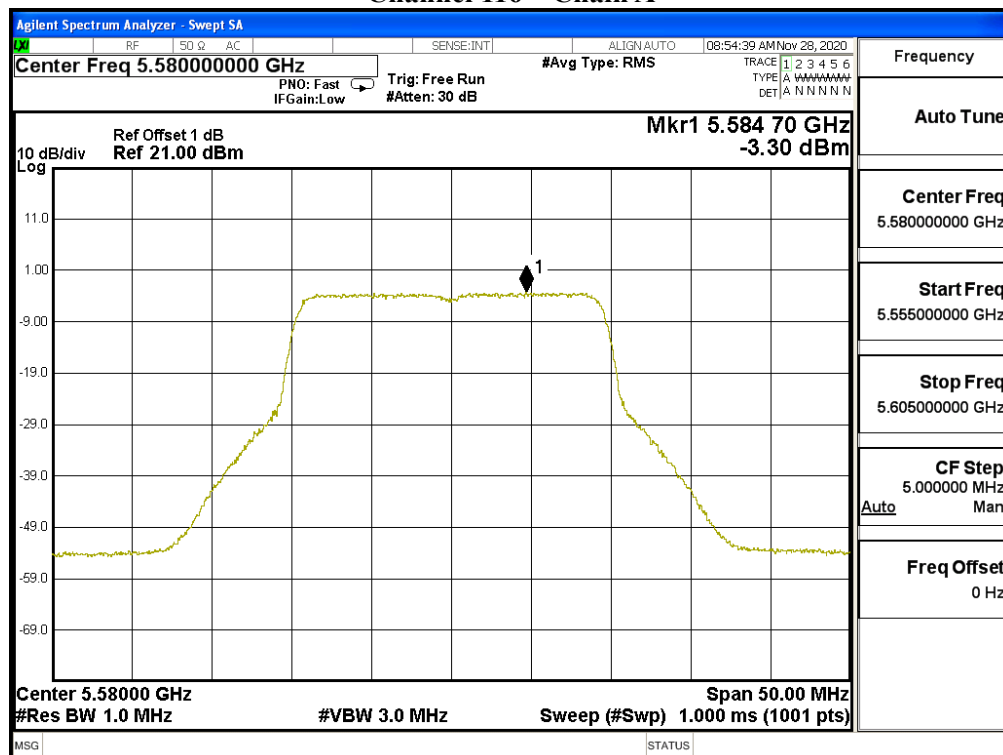
Channel 64 – Chain A



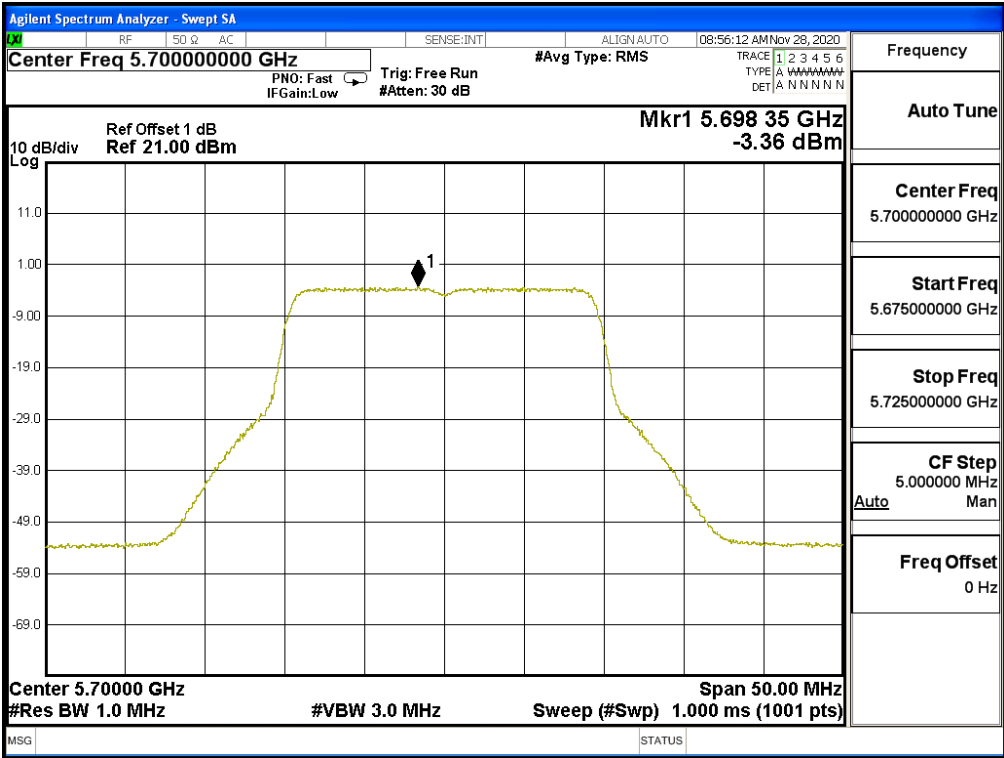
Channel 100 – Chain A



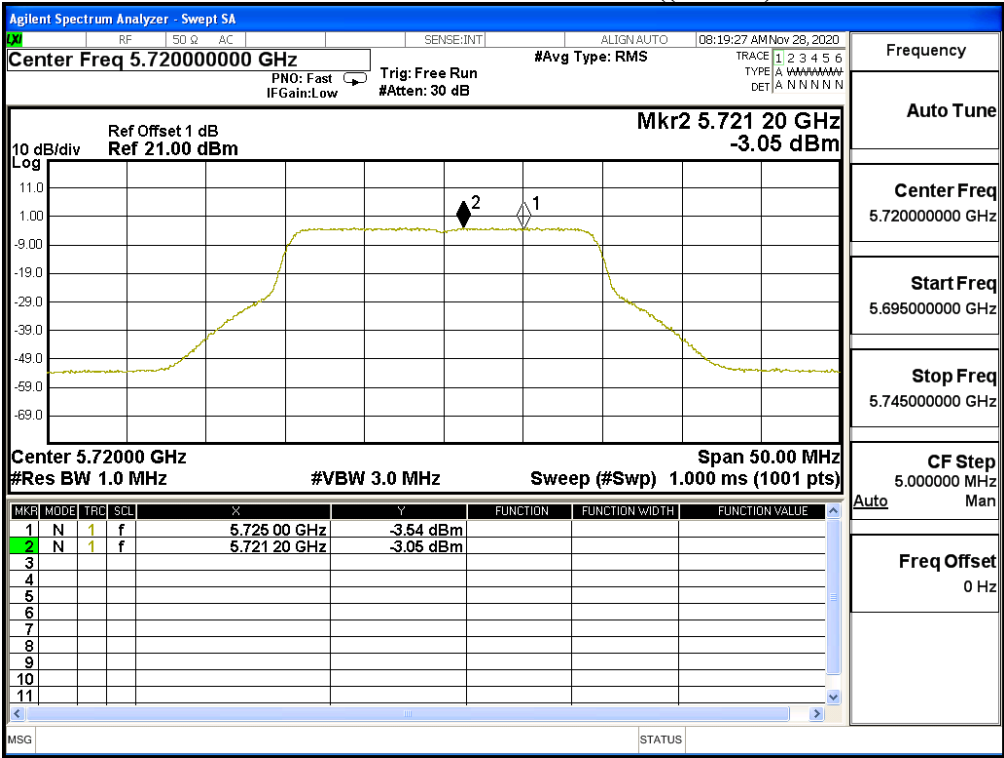
Channel 116 – Chain A



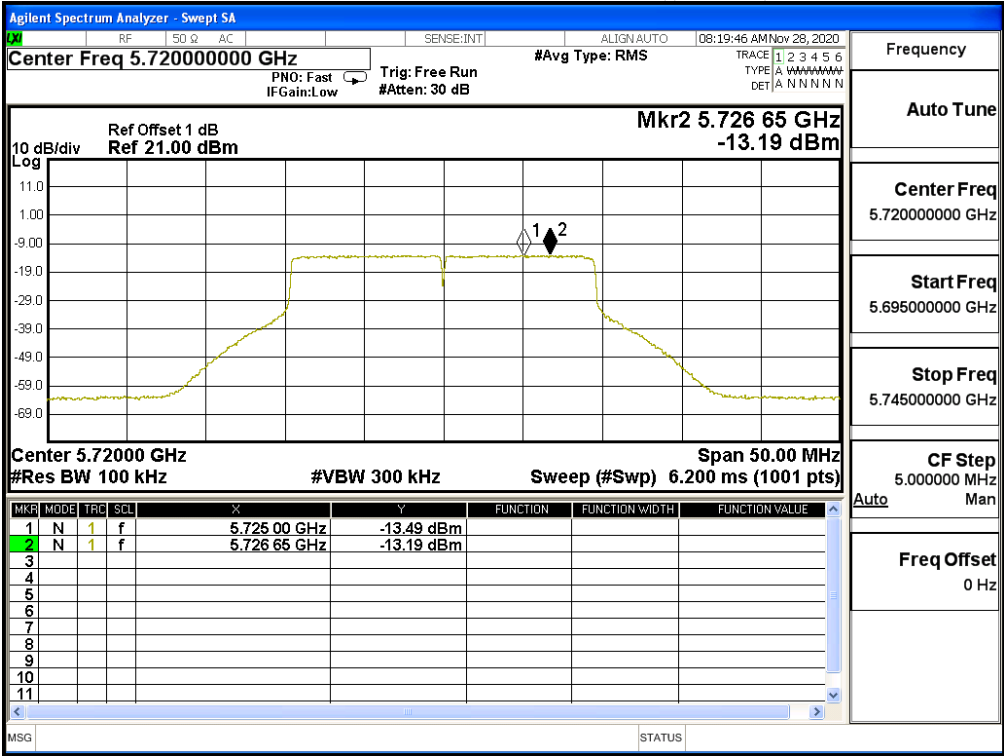
Channel 140 – Chain A



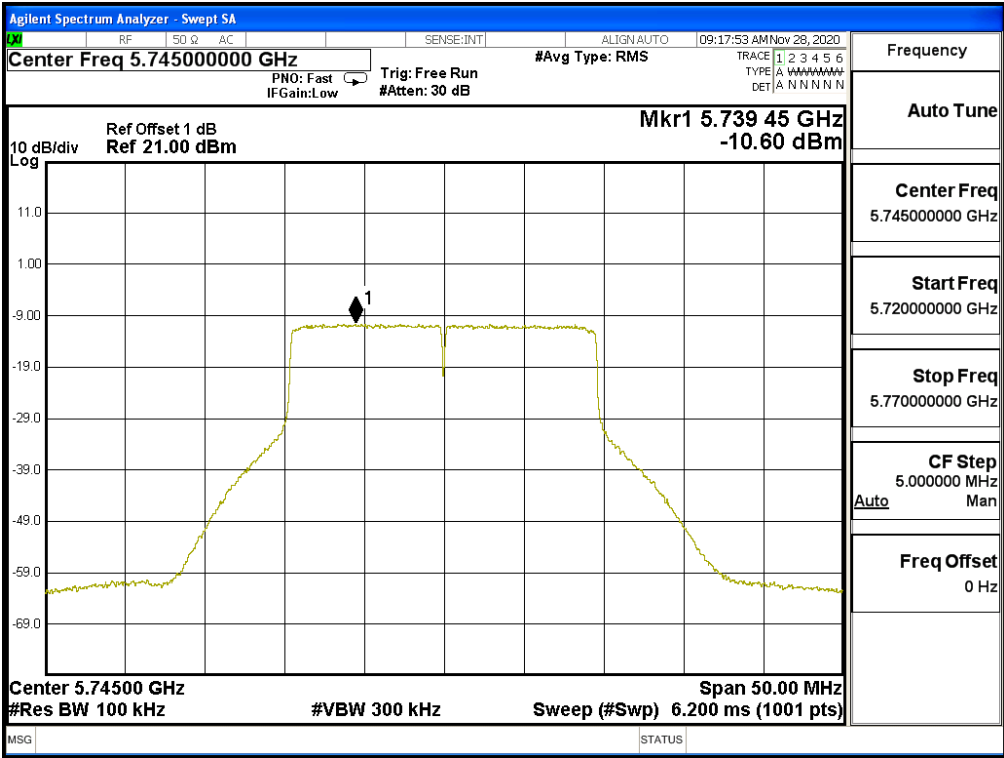
Channel 144 – Chain A ((Band 3))



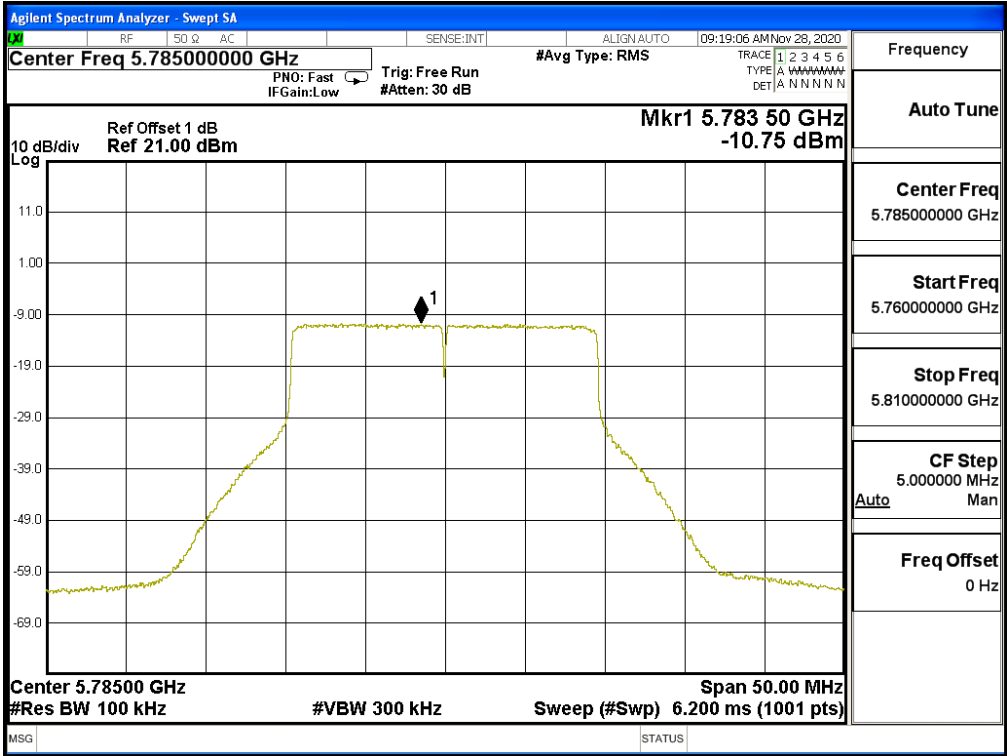
Channel 144 – Chain A ((Band 4)



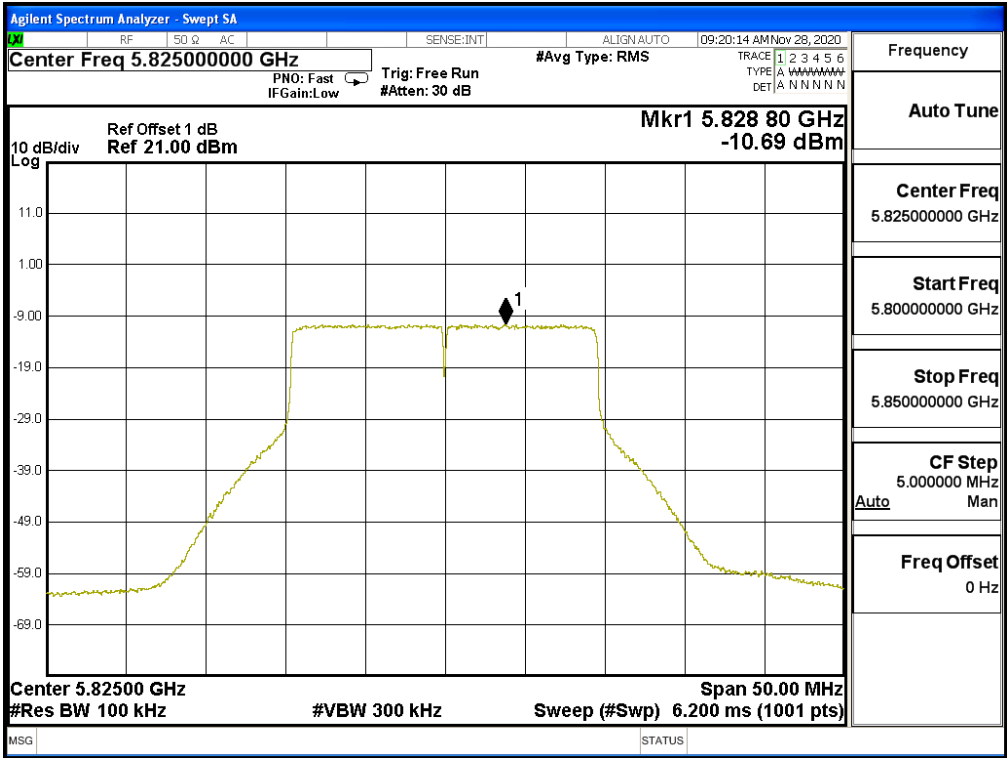
Channel 149 – Chain A



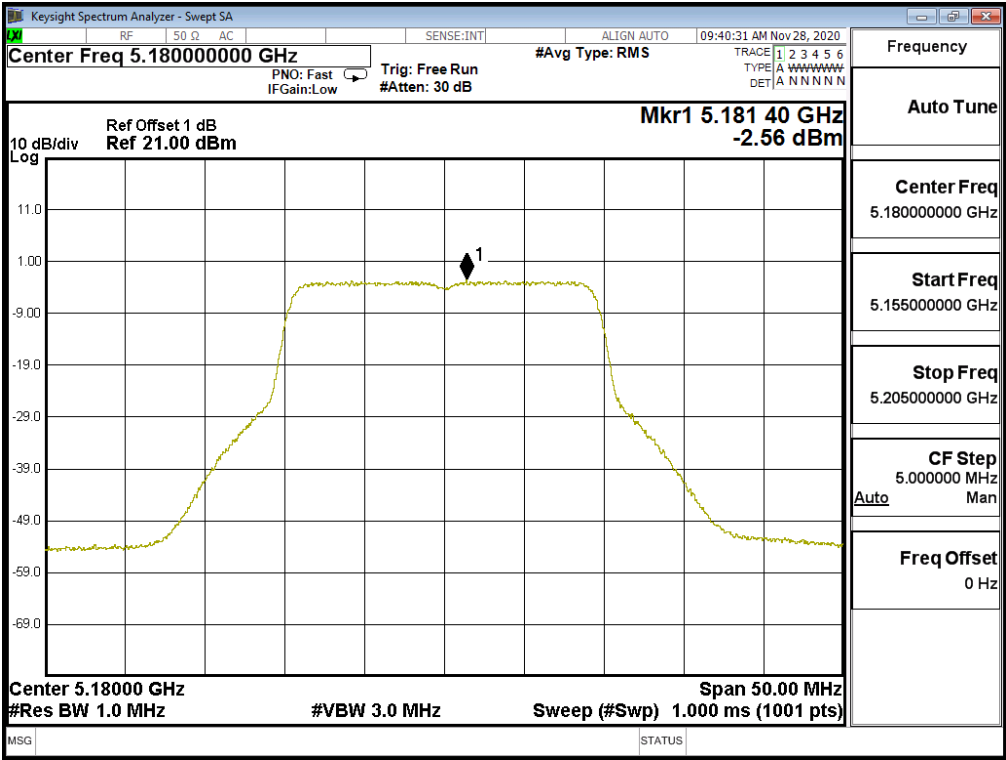
Channel 157 – Chain A



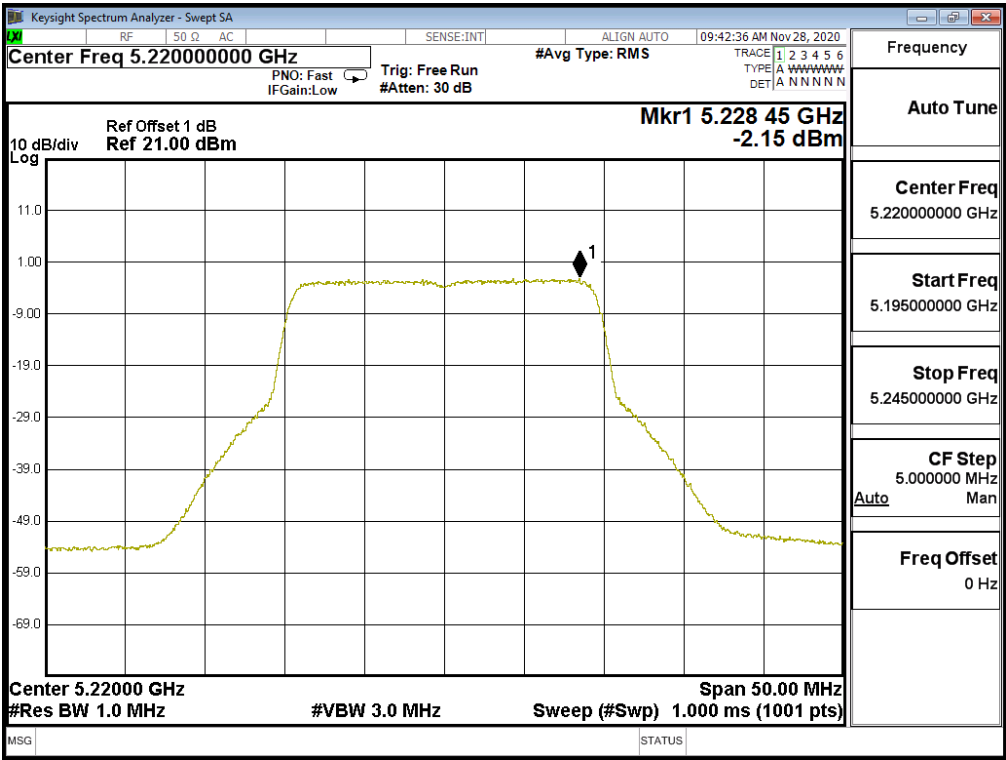
Channel 165 – Chain A



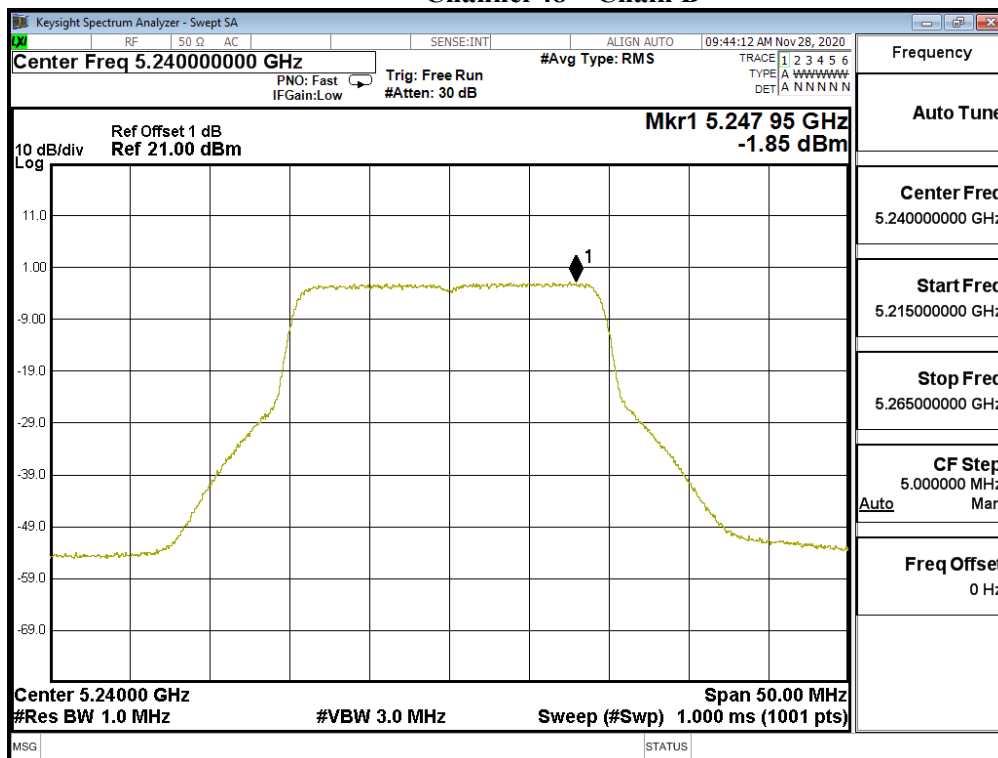
Channel 36 – Chain B



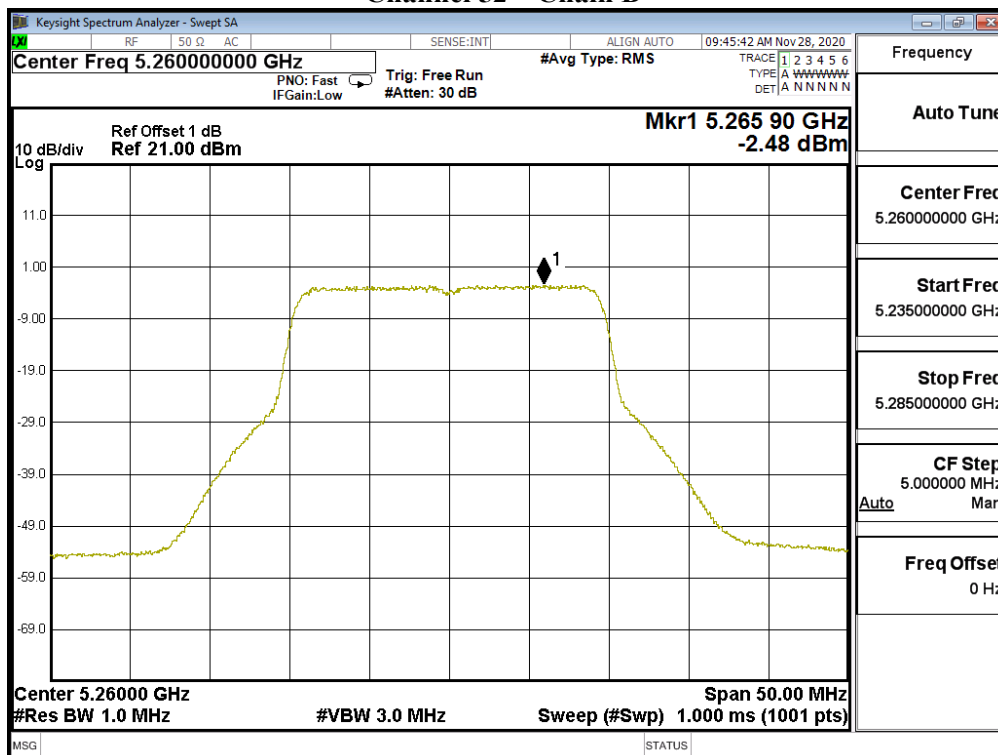
Channel 44 – Chain B



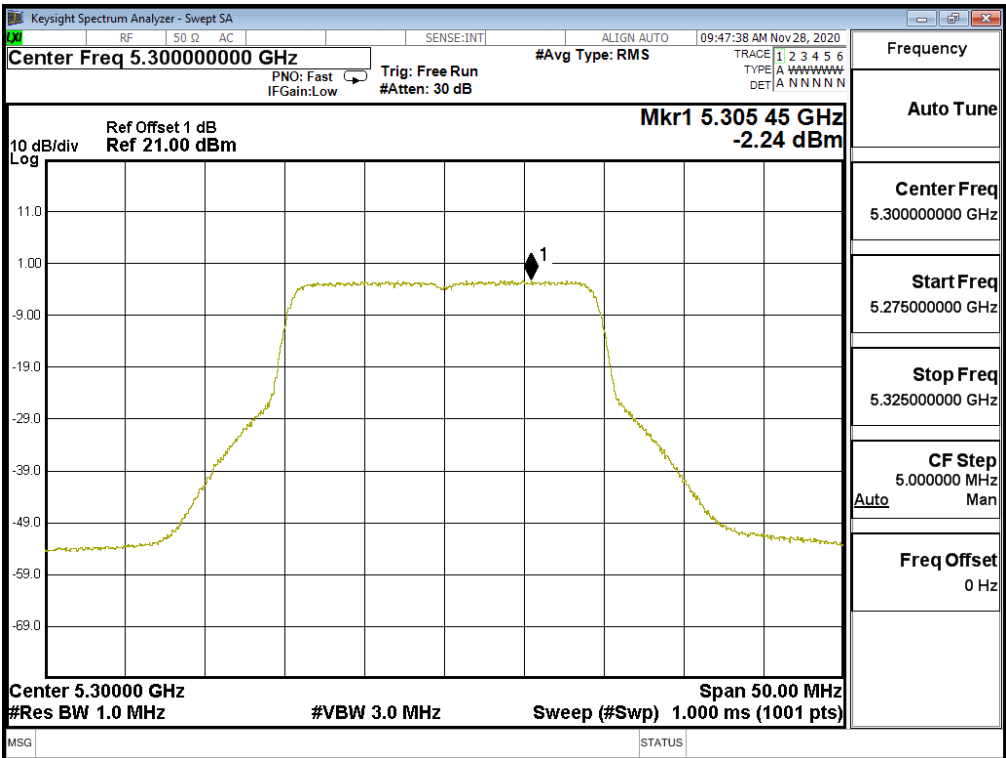
Channel 48 – Chain B



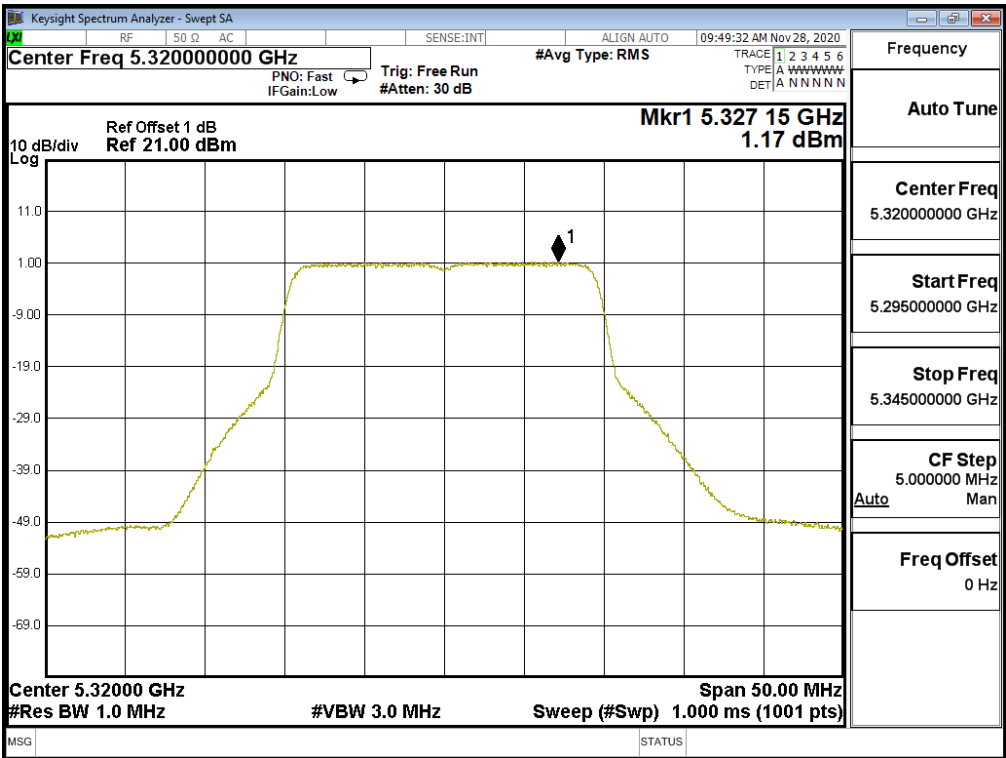
Channel 52 – Chain B



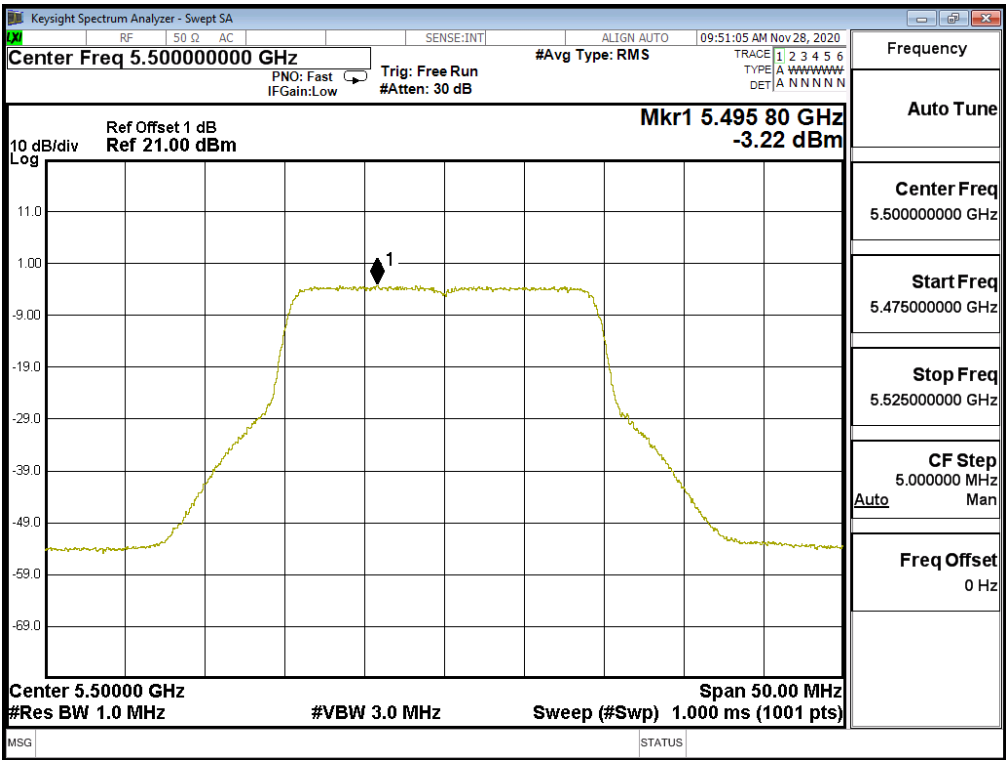
Channel 60 – Chain B



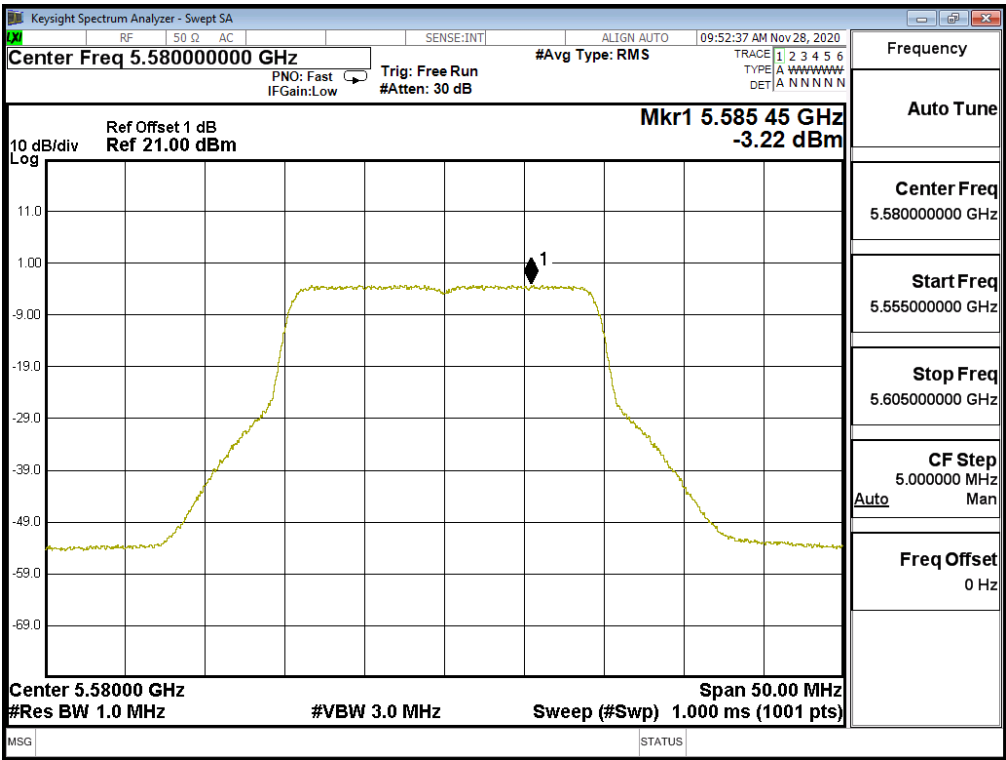
Channel 64 – Chain B



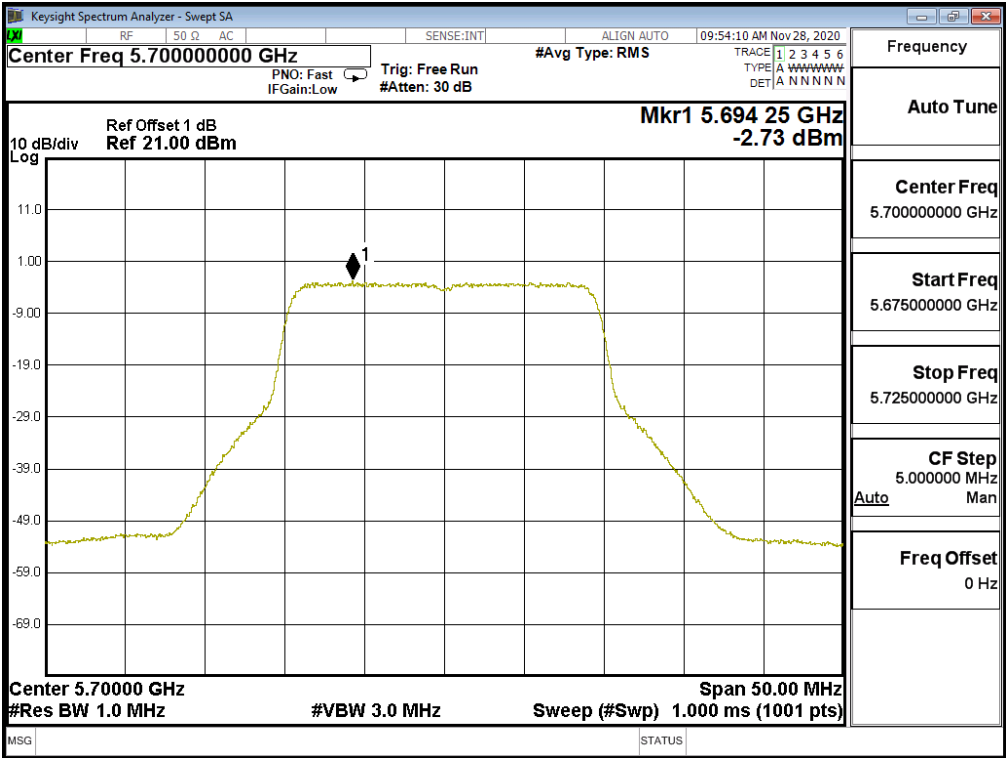
Channel 100 – Chain B



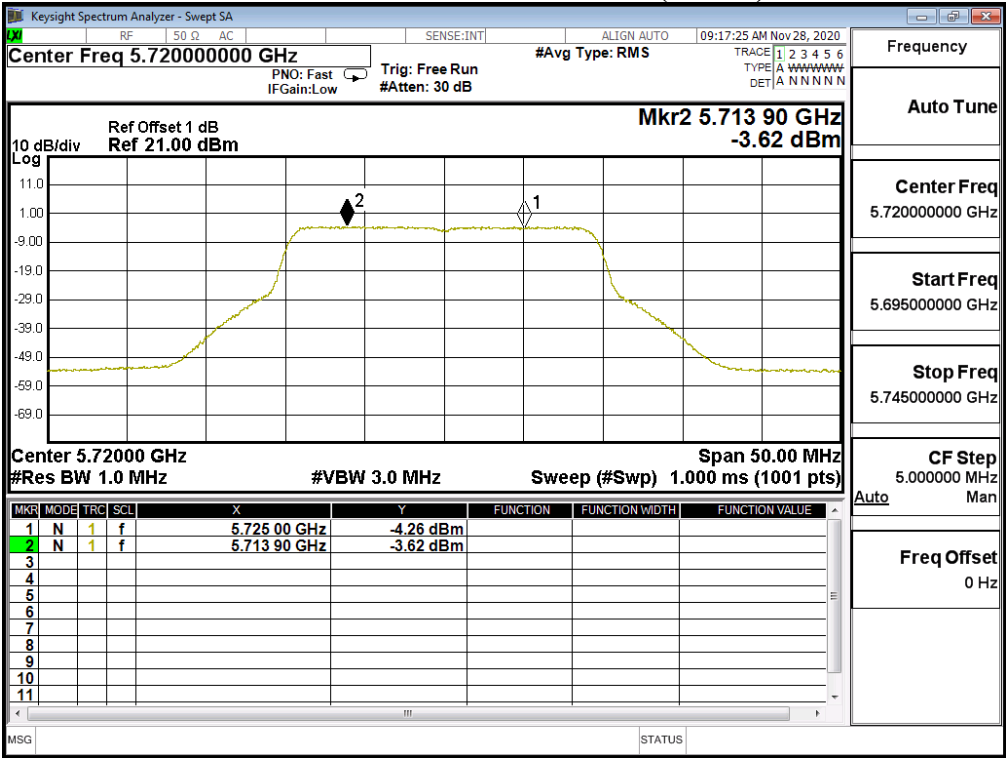
Channel 116 – Chain B



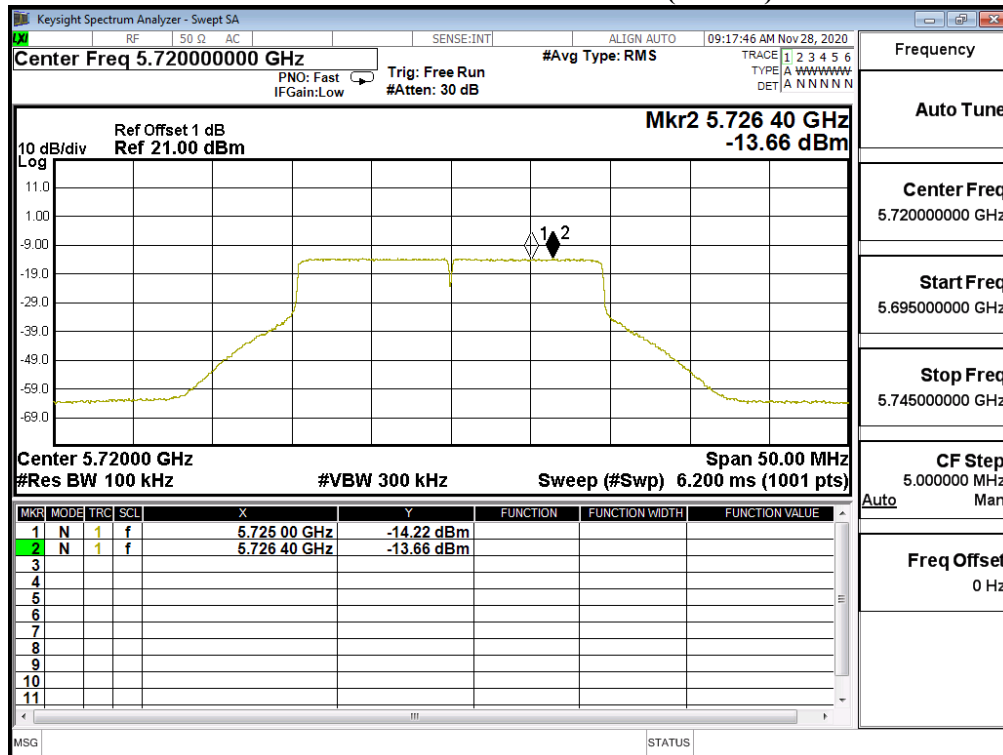
Channel 140 – Chain B



Channel 144 – Chain B (Band 3)



Channel 144 – Chain B (Band 4)



Channel 149 – Chain B

