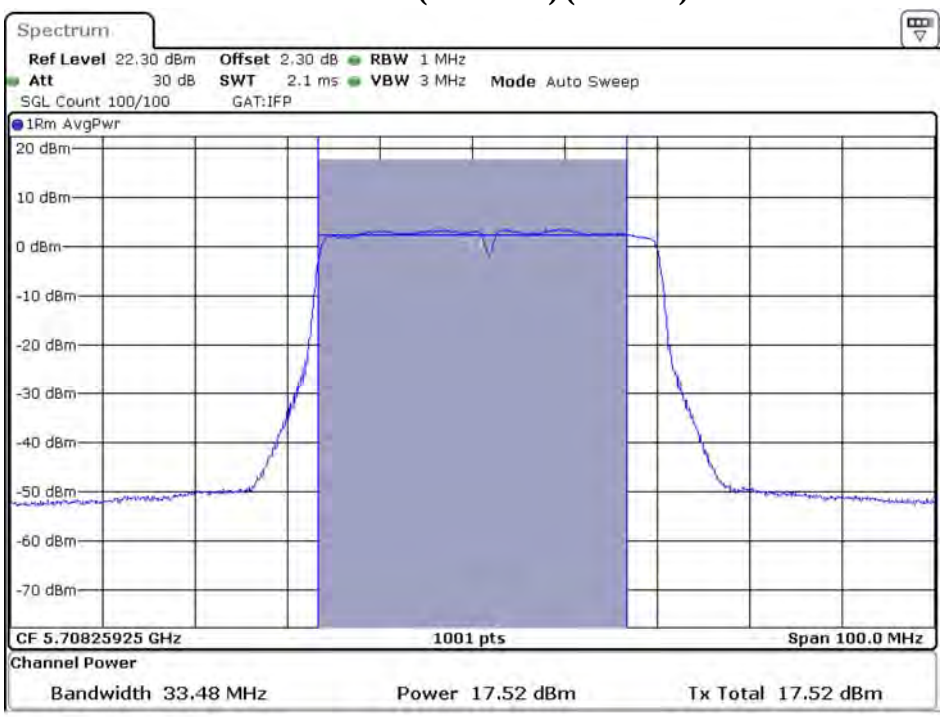
Maximum conducted output power:

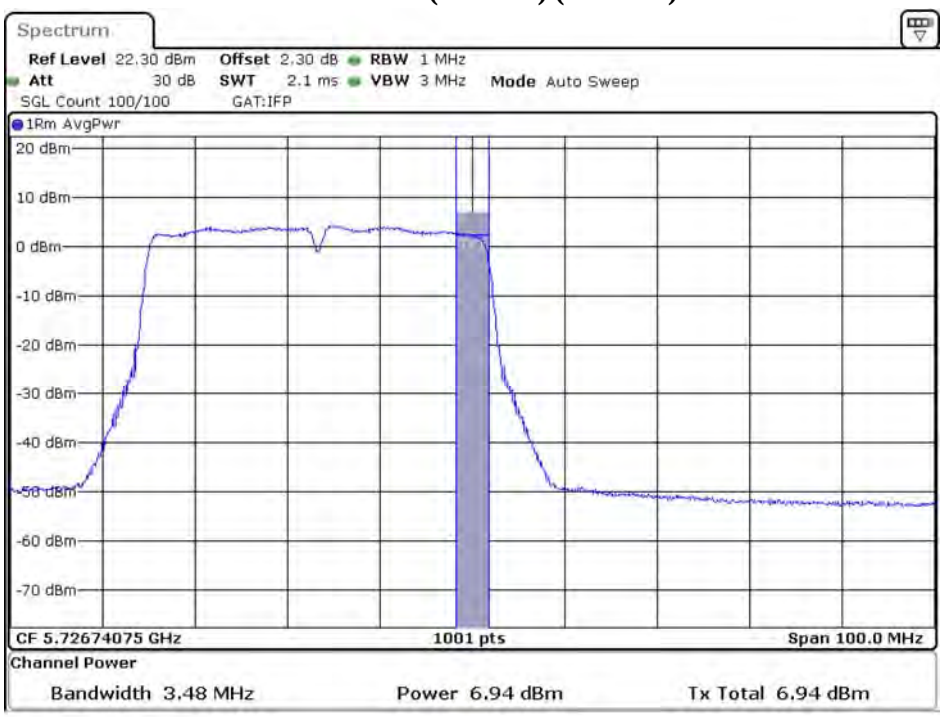
Channel 142 (U-NII-2C) (Chain A)



Date: 4.SEP.2020 14:39:20

Maximum conducted output power:

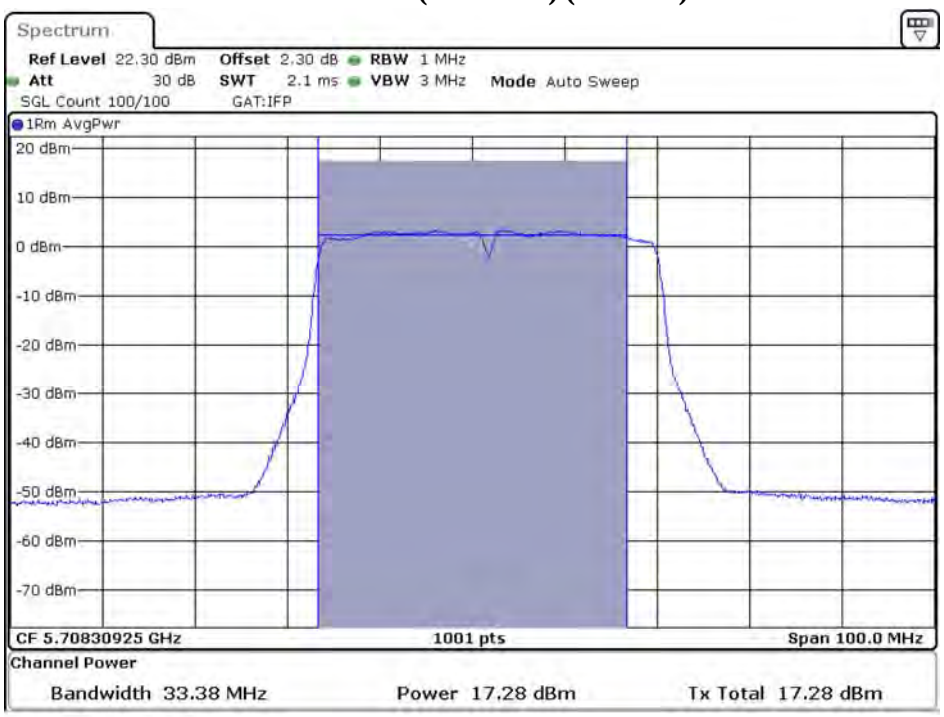
Channel 142 (U-NII-3) (Chain A)



Date: 4.SEP.2020 14:44:25

Maximum conducted output power:

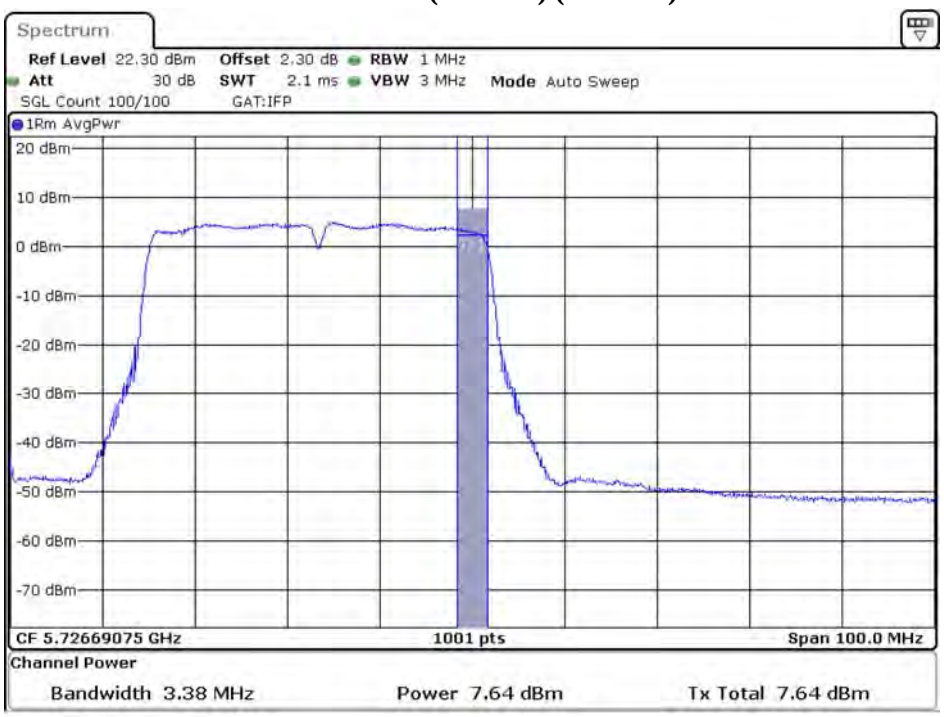
Channel 142 (U-NII-2C) (Chain B)



Date: 4.SEP.2020 16:23:28

Maximum conducted output power:

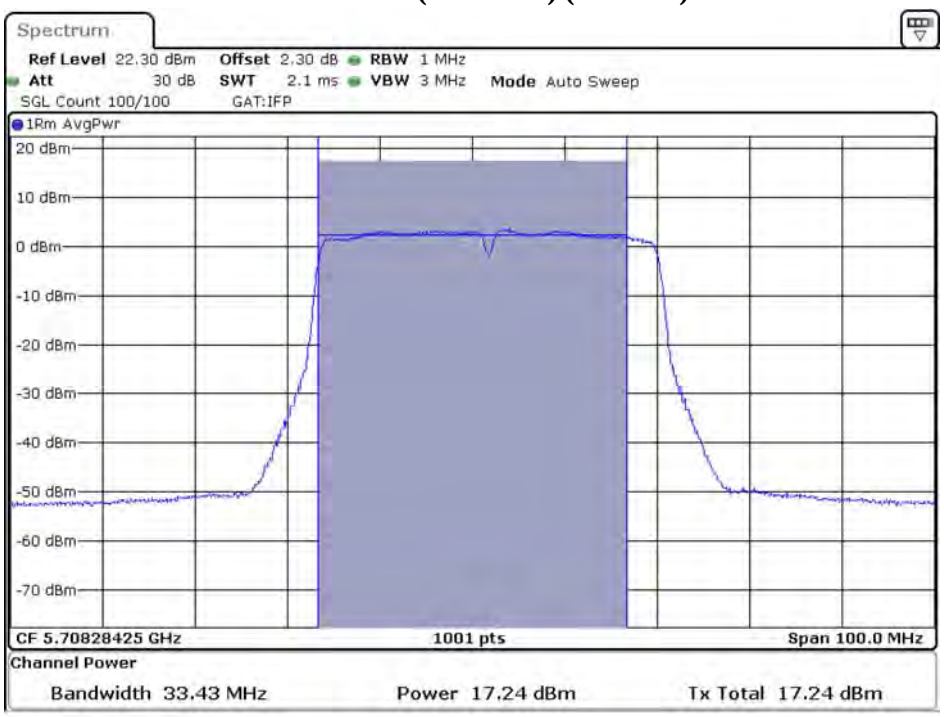
Channel 142 (U-NII-3) (Chain B)



Date: 4.SEP.2020 14:46:11

Maximum conducted output power:

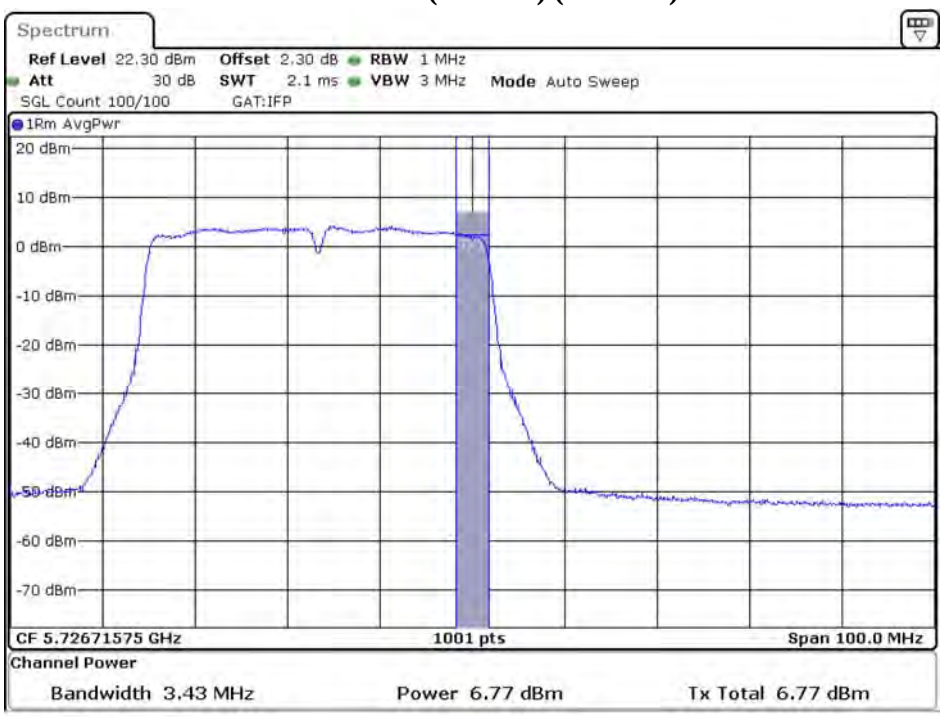
Channel 142 (U-NII-2C) (Chain C)



Date: 4.SEP.2020 14:41:58

Maximum conducted output power:

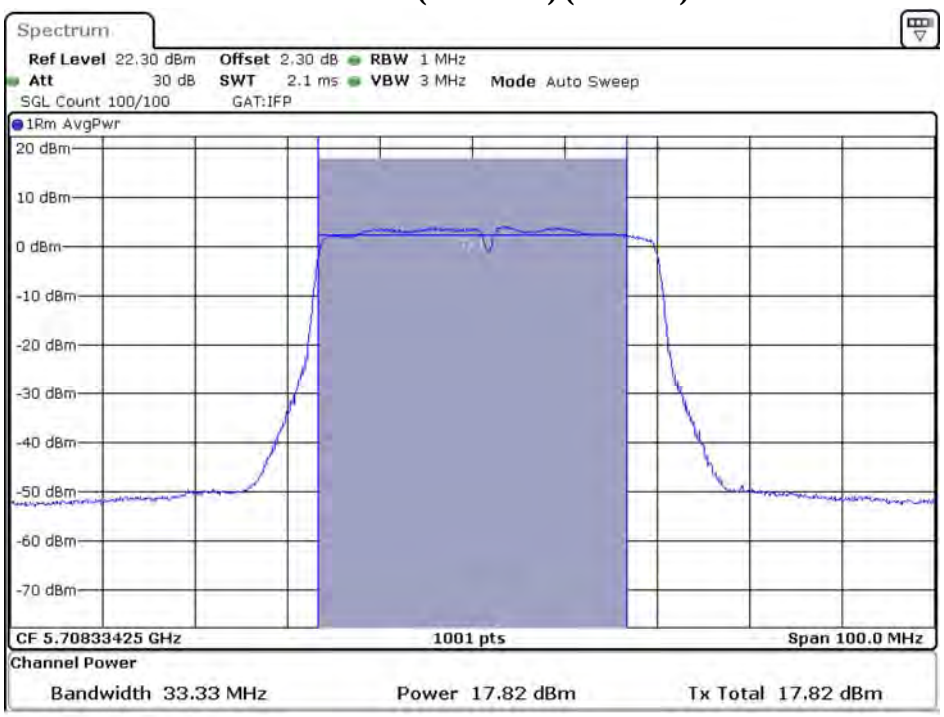
Channel 142 (U-NII-3) (Chain C)



Date: 4.SEP.2020 14:47:14

Maximum conducted output power:

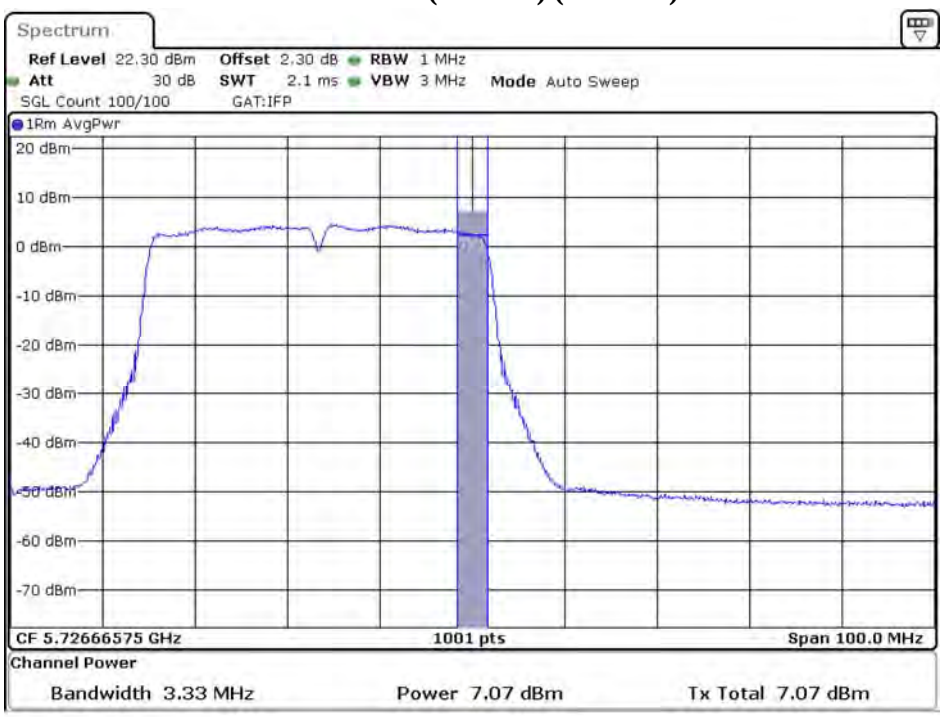
Channel 142 (U-NII-2C) (Chain D)



Date: 4.SEP.2020 14:42:55

Maximum conducted output power:

Channel 142 (U-NII-3) (Chain D)



Date: 4.SEP.2020 14:48:16

Product : LV55
Test Item : Maximum conducted output power
Test Mode : Mode 14: Transmit (802.11ac-80MBW-Beamforming)
Test Date : 2020/09/04

Chain A

Cable loss=1.0dB		Maximum conducted output power									
Channel No	Frequency (MHz)	For different Data Rate (MCS index)									
		0	1	2	3	4	5	6	7	8	9
58	5290	17.63	17.58	17.54	17.51	17.46	17.41	17.36	17.30	17.25	17.21
106	5530	17.55	--	--	--	--	--	--	--	--	--
122	5610	17.67	17.61	17.54	17.49	17.45	17.41	17.37	17.33	17.29	17.24
138 (U-NII-2C)	5690	17.27	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	4.96	--	--	--	--	--	--	--	--	--

Chain B

Cable loss=1.0dB		Maximum conducted output power									
Channel No	Frequency (MHz)	For different Data Rate (MCS index)									
		0	1	2	3	4	5	6	7	8	9
58	5290	18.01	17.98	17.92	17.86	17.82	17.76	17.71	17.67	17.61	17.58
106	5530	17.68	--	--	--	--	--	--	--	--	--
122	5610	17.88	17.85	17.8	17.73	17.69	17.62	17.56	17.50	17.43	17.38
138 (U-NII-2C)	5690	17.6	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	4.9	--	--	--	--	--	--	--	--	--

Chain C

Cable loss=1.0dB		Maximum conducted output power									
Channel No	Frequency (MHz)	For different Data Rate (MCS index)									
		0	1	2	3	4	5	6	7	8	9
58	5290	17.89	17.86	17.8	17.74	17.71	17.68	17.64	17.60	17.53	17.50
106	5530	17.51	--	--	--	--	--	--	--	--	--
122	5610	17.24	17.2	17.13	17.09	17.06	17.02	16.96	16.91	16.86	16.83
138 (U-NII-2C)	5690	17.13	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	5.06	--	--	--	--	--	--	--	--	--

Chain D

Cable loss=1.0dB		Maximum conducted output power									
Channel No	Frequency (MHz)	For different Data Rate (MCS index)									
		0	1	2	3	4	5	6	7	8	9
58	5290	17.79	17.74	17.67	17.63	17.57	17.53	17.48	17.42	17.37	17.32
106	5530	17.41	--	--	--	--	--	--	--	--	--
122	5610	17.38	17.34	17.3	17.27	17.20	17.14	17.09	17.03	16.99	16.93
138 (U-NII-2C)	5690	17.3	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	5.05	--	--	--	--	--	--	--	--	--

Maximum conducted output power Measurement

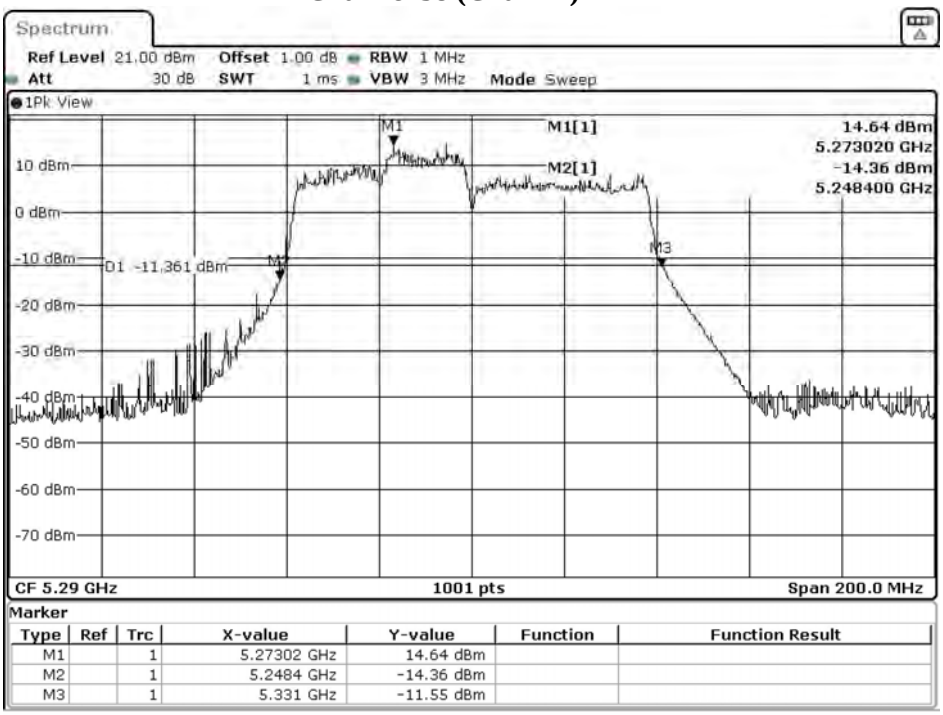
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain D Power (dBm)	Output Power (dBm)	Output Power Limit		Result
								(dBm)	dBm+10log(BW)	
58	5290	80.000	17.63	18.01	17.89	17.79	23.85	24	30.03	Pass
106	5530	82.200	17.55	17.68	17.51	17.41	23.56	24	30.15	Pass
122	5610	82.800	17.67	17.88	17.24	17.38	23.57	24	30.18	Pass
138 (U-NII-2C)	5690	77.600	17.27	17.6	17.13	17.3	23.35	24	29.90	Pass
138 (U-NII-3)	5690	--	4.96	4.9	5.06	5.05	11.01	30	--	Pass

Note:

1. Output Power Value (dBm) = 10*LOG (Chain A(mW)+ Chain B(mW)+ Chain C(mW)+ Chain D(mW))
2. 26dB Bandwidth is the bandwidth of chain A or B or C or D whichever is less bandwidth, output power limitation is more stringent.

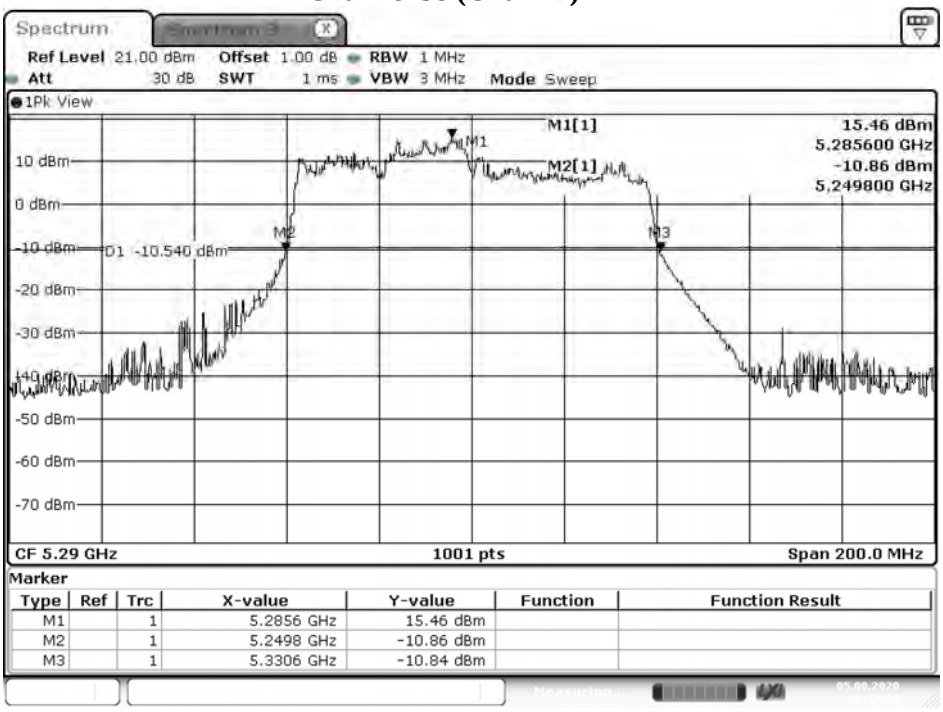
26dB Occupied Bandwidth:

Channel 58 (Chain A)



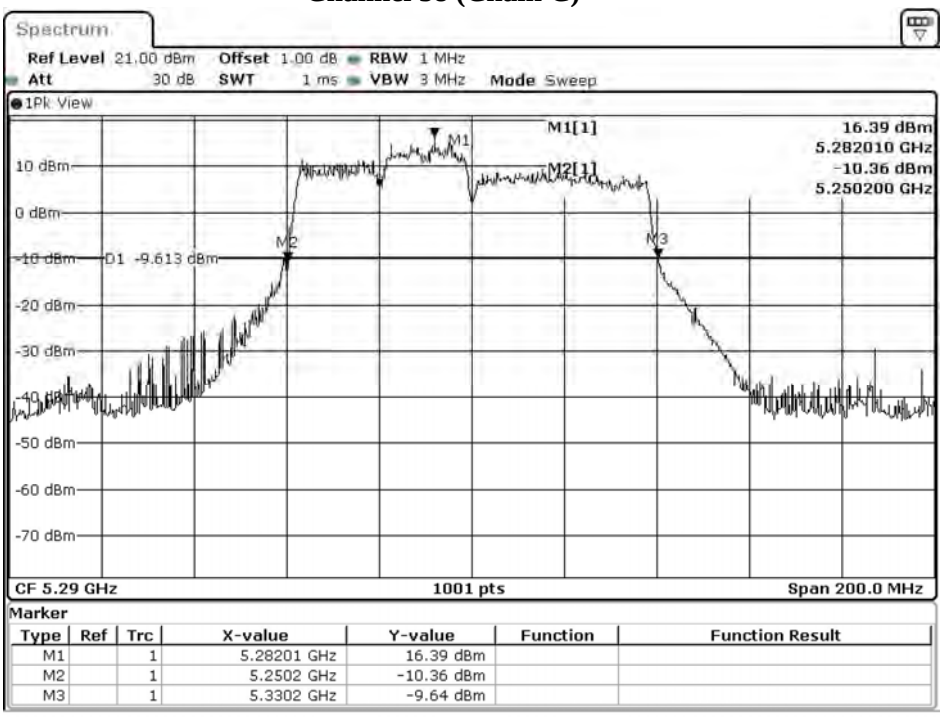
Date: 5.AUG.2020 10:17:41

Channel 58 (Chain B)



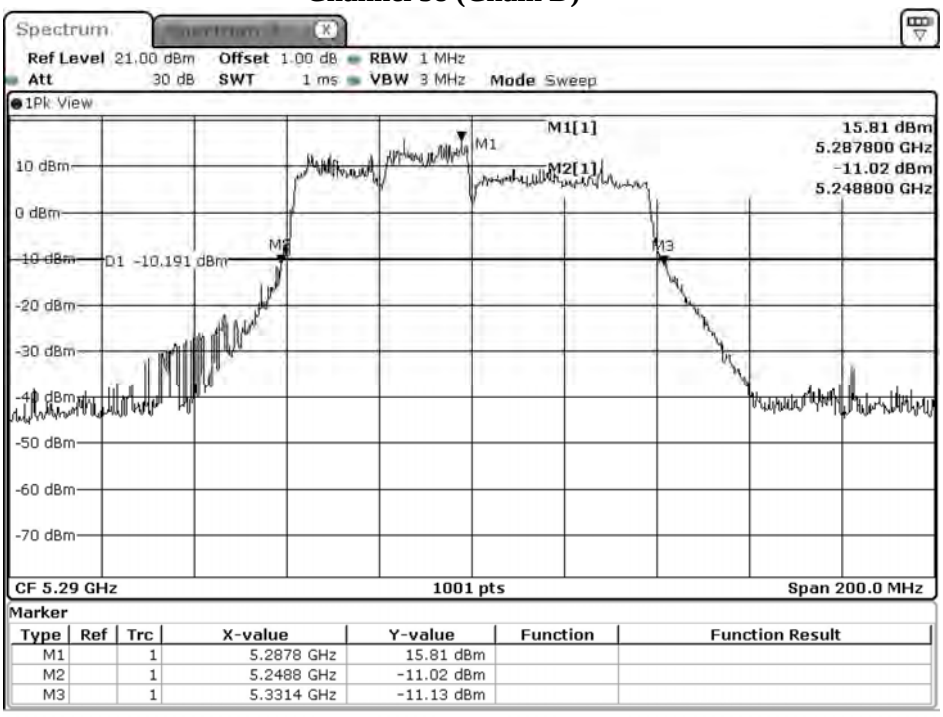
Date: 5.AUG.2020 06:17:28

Channel 58 (Chain C)



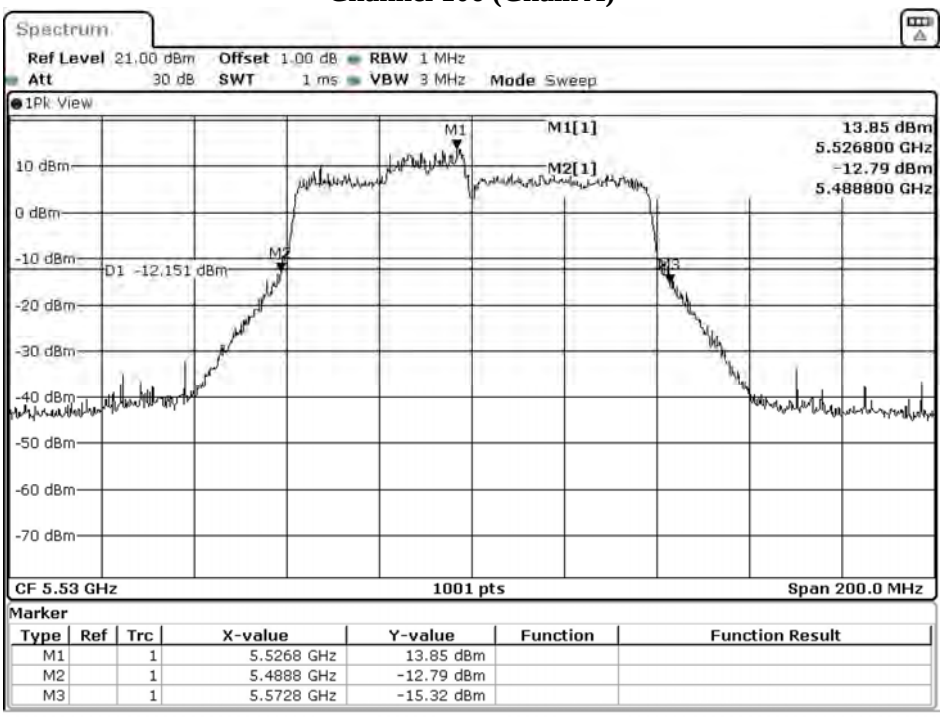
Date: 5.AUG.2020 06:14:28

Channel 58 (Chain D)



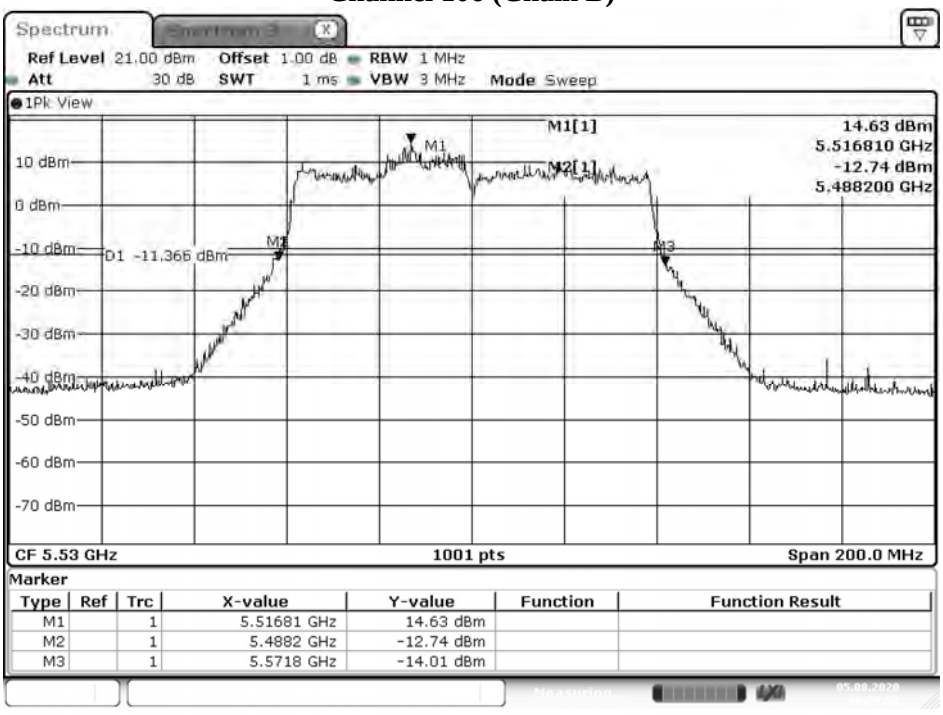
Date: 4.AUG.2020 22:19:56

Channel 106 (Chain A)



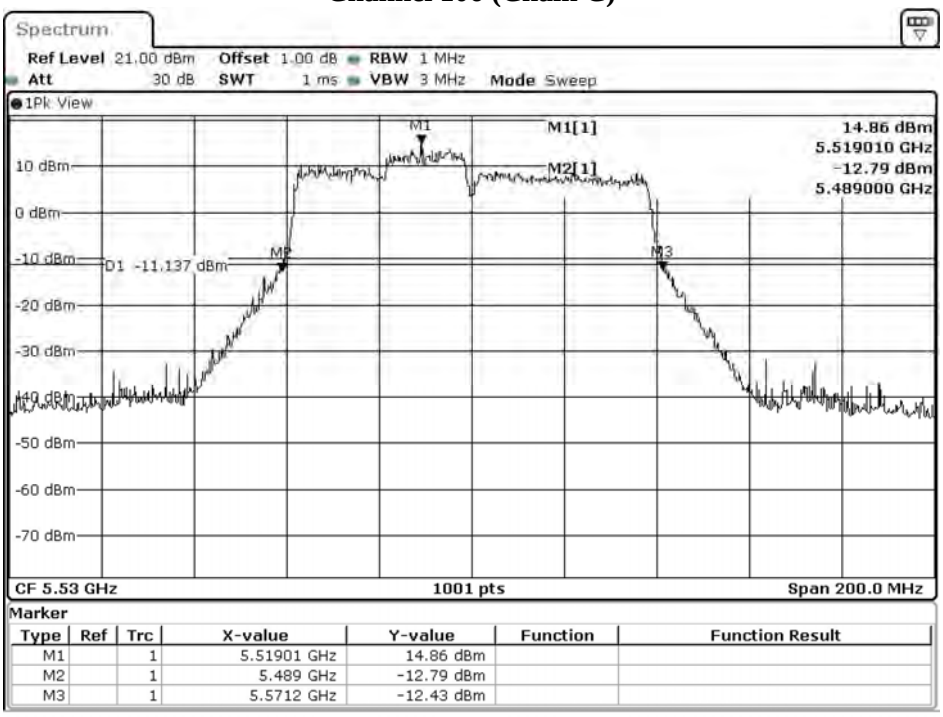
Date: 5.AUG.2020 10:21:04

Channel 106 (Chain B)



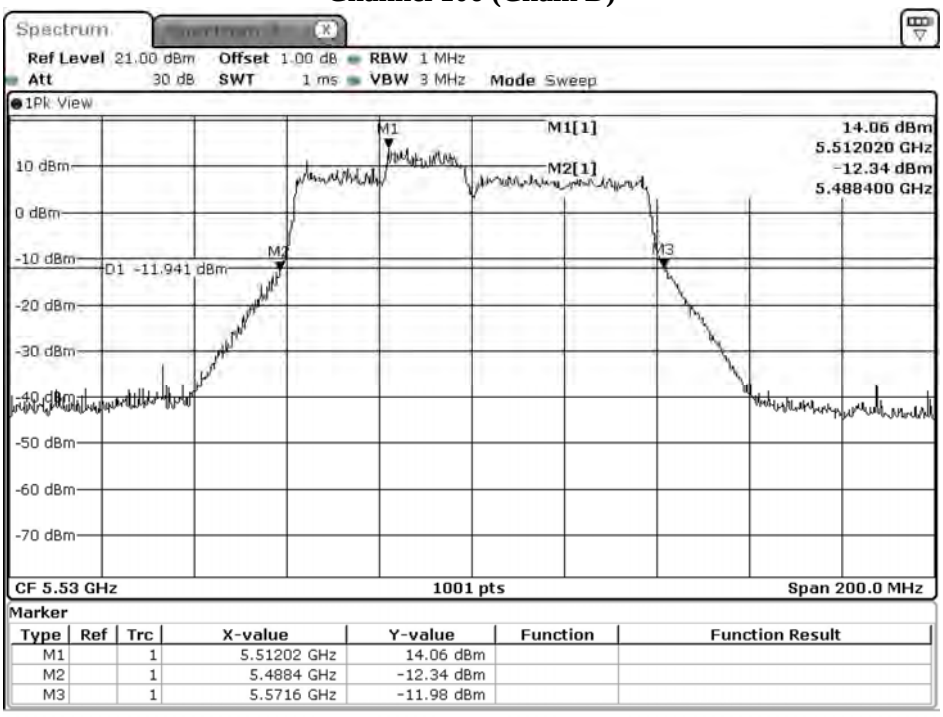
Date: 5.AUG.2020 06:20:52

Channel 106 (Chain C)



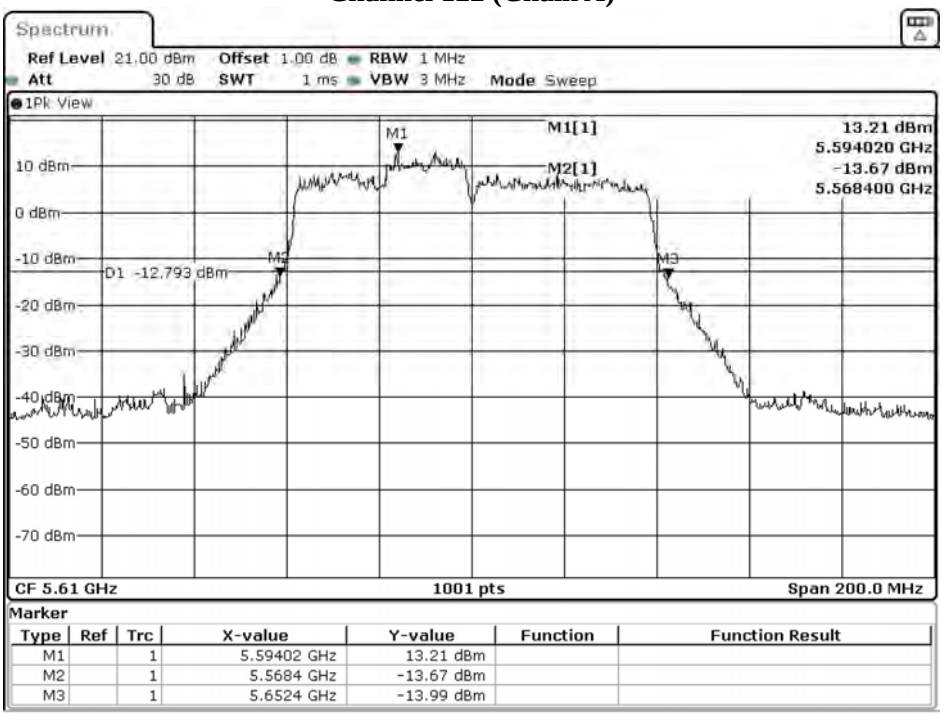
Date: 5.AUG.2020 06:17:52

Channel 106 (Chain D)



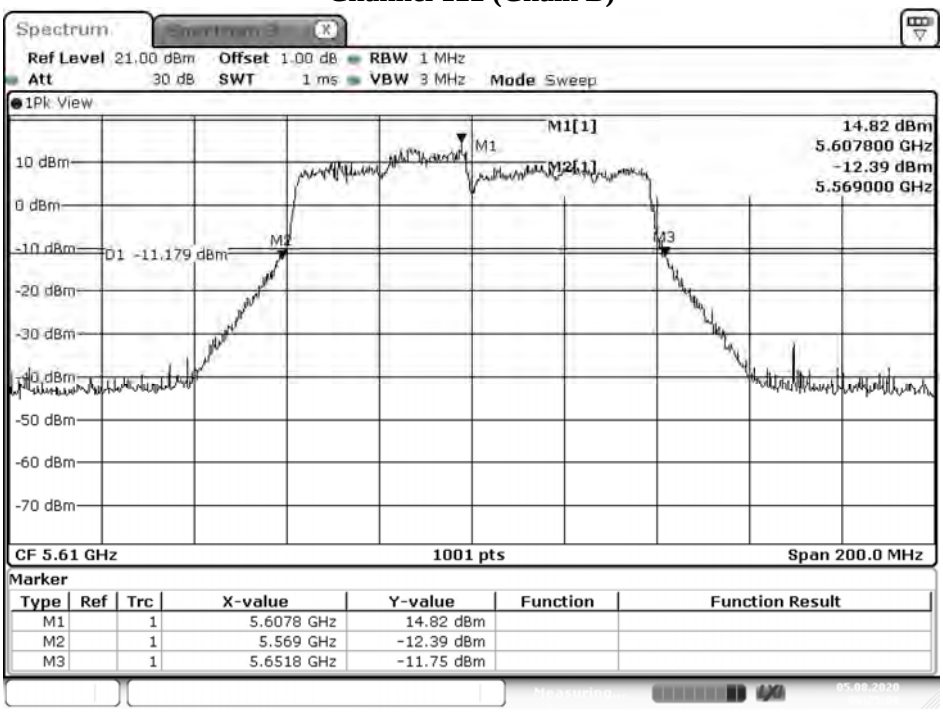
Date: 4.AUG.2020 22:23:20

Channel 122 (Chain A)



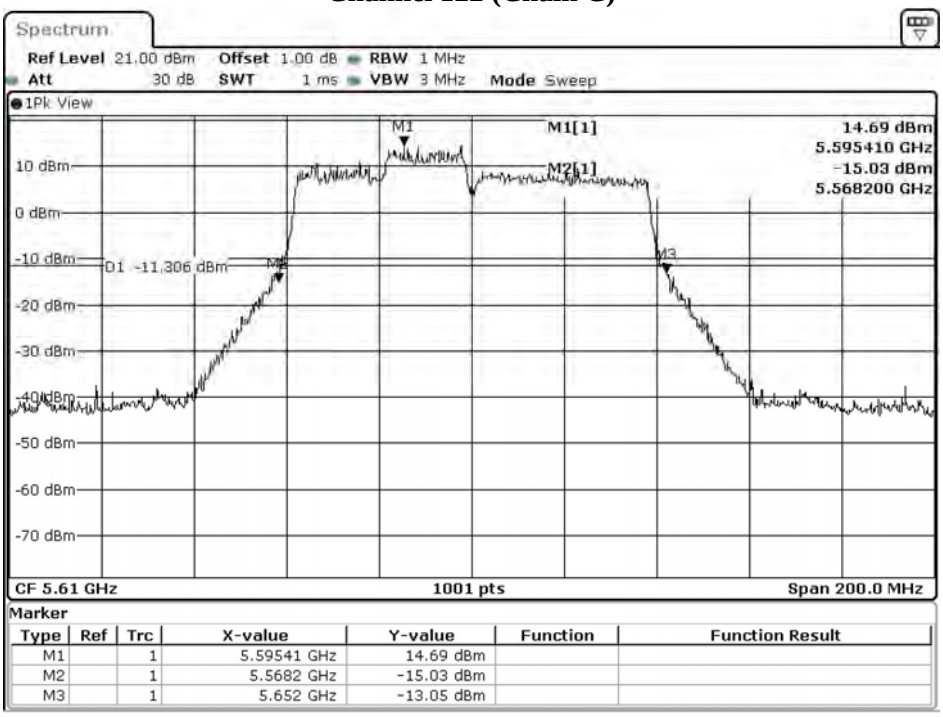
Date: 5.AUG.2020 10:25:20

Channel 122 (Chain B)



Date: 5.AUG.2020 06:25:09

Channel 122 (Chain C)

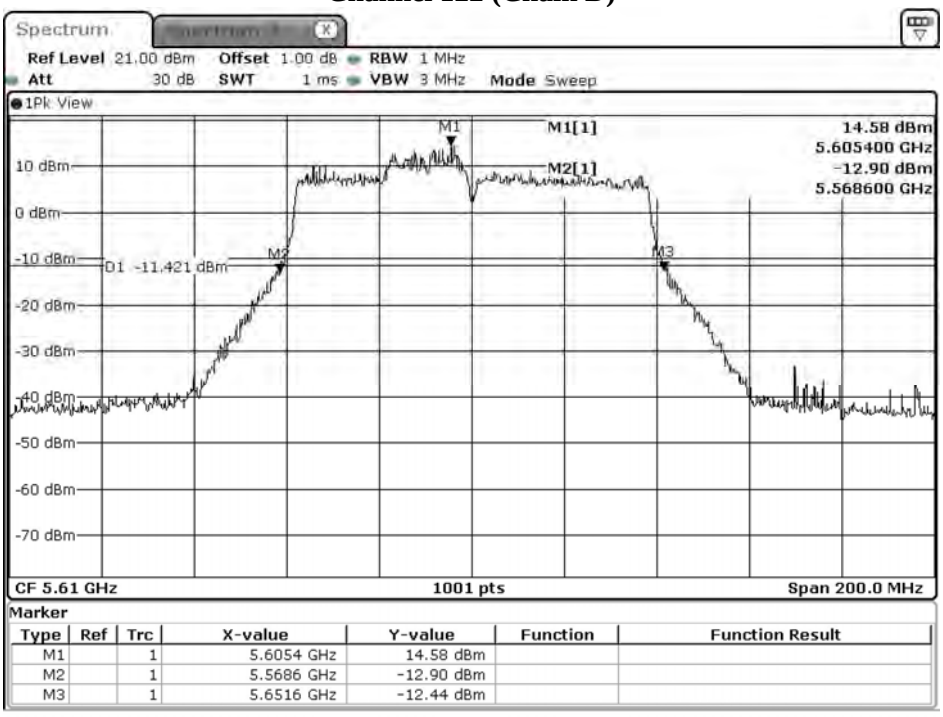


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.59541 GHz	14.69 dBm		
M2		1	5.5682 GHz	-15.03 dBm		
M3		1	5.652 GHz	-13.05 dBm		

Date: 5.AUG.2020 06:22:08

Channel 122 (Chain D)

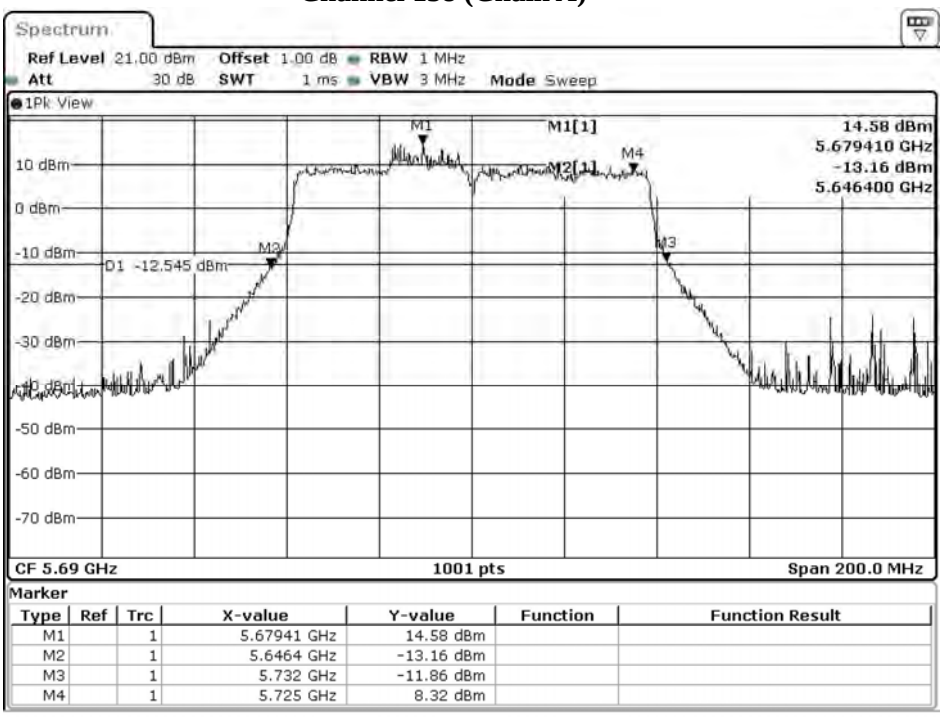


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6054 GHz	14.58 dBm		
M2		1	5.5686 GHz	-12.90 dBm		
M3		1	5.6516 GHz	-12.44 dBm		

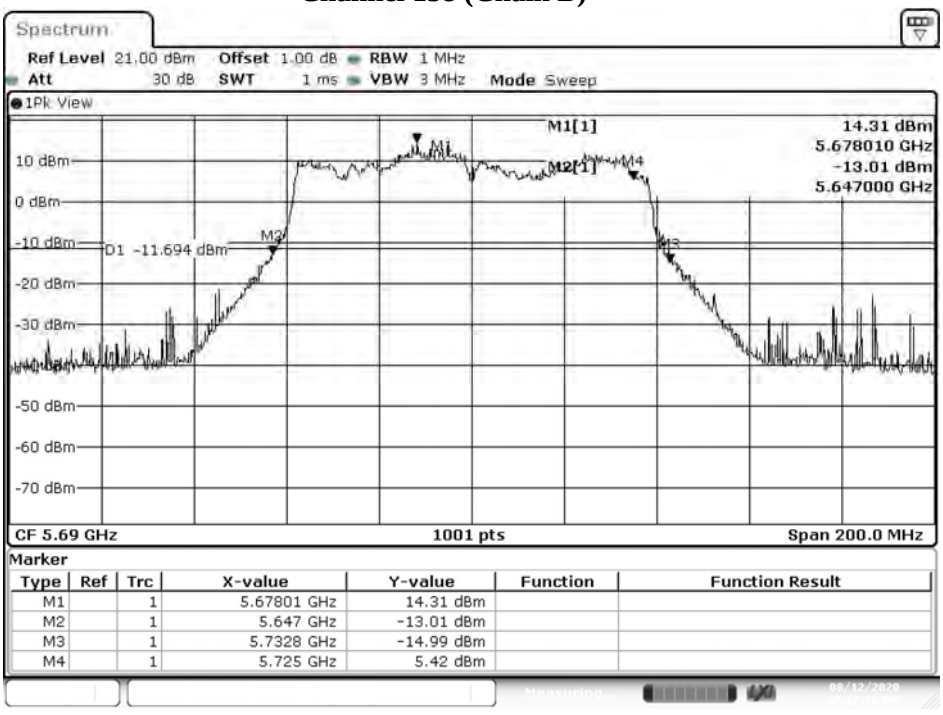
Date: 4.AUG.2020 22:27:36

Channel 138 (Chain A)



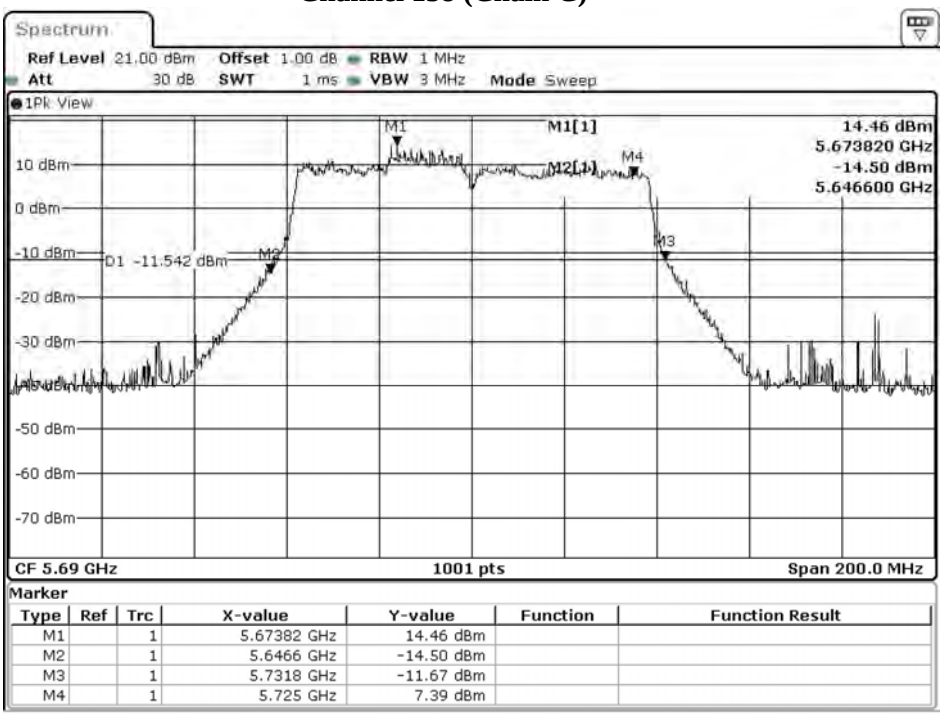
Date: 13.AUG.2020 07:15:53

Channel 138 (Chain B)



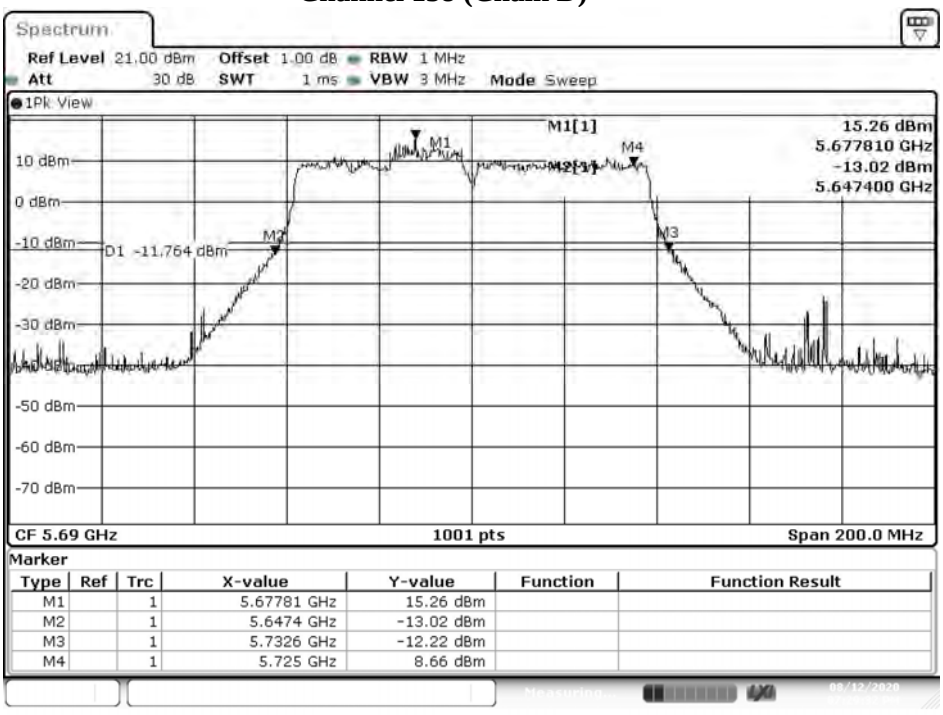
Date: 12.AUG.2020 19:17:57

Channel 138 (Chain C)



Date: 13.AUG.2020 07:27:25

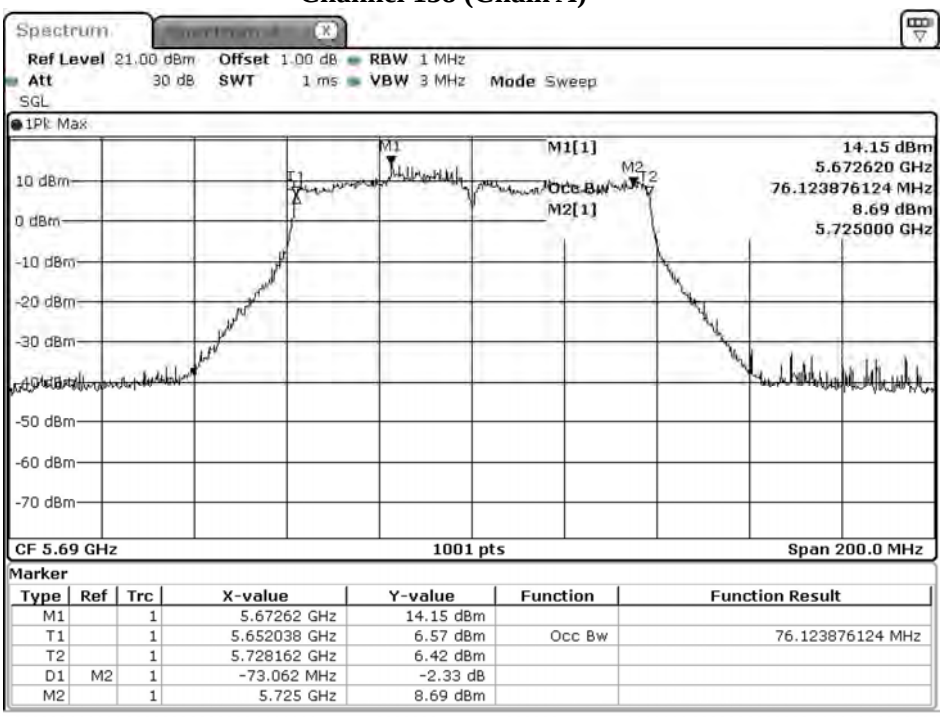
Channel 138 (Chain D)



Date: 12.AUG.2020 19:29:32

99% Occupied Bandwidth:

Channel 138 (Chain A)

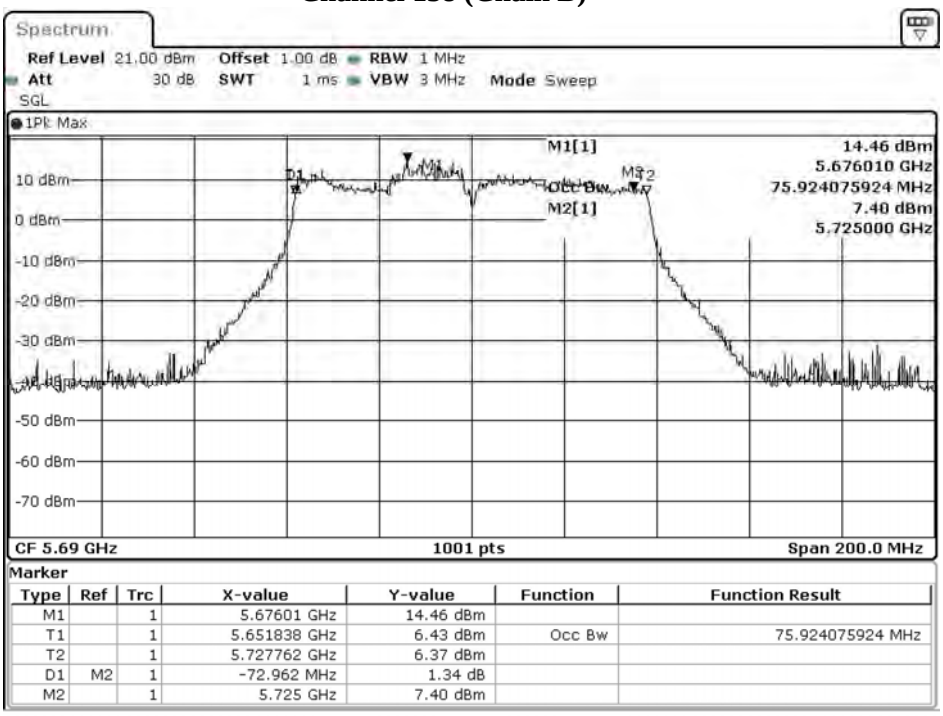


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.67262 GHz	14.15 dBm		
T1		1	5.652038 GHz	6.57 dBm	Occ Bw	76.123876124 MHz
T2		1	5.728162 GHz	6.42 dBm		
D1	M2	1	-73.062 MHz	-2.33 dB		
M2		1	5.725 GHz	8.69 dBm		

Date: 6.AUG.2020 02:37:48

Channel 138 (Chain B)

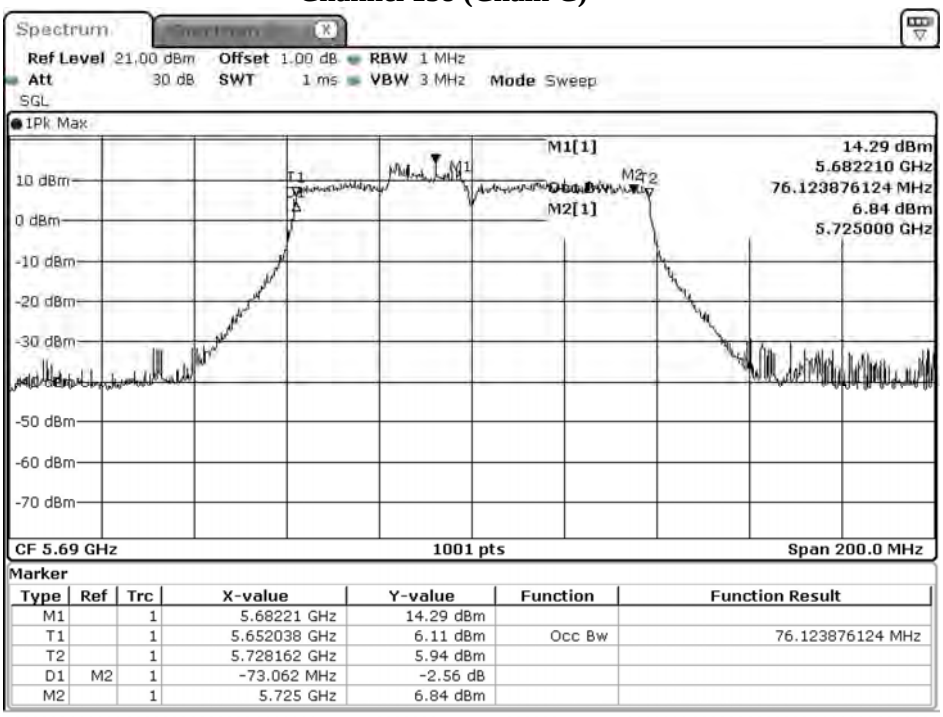


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.67601 GHz	14.46 dBm		
T1		1	5.651838 GHz	6.43 dBm	Occ Bw	75.924075924 MHz
T2		1	5.727762 GHz	6.37 dBm		
D1	M2	1	-72.962 MHz	1.34 dB		
M2		1	5.725 GHz	7.40 dBm		

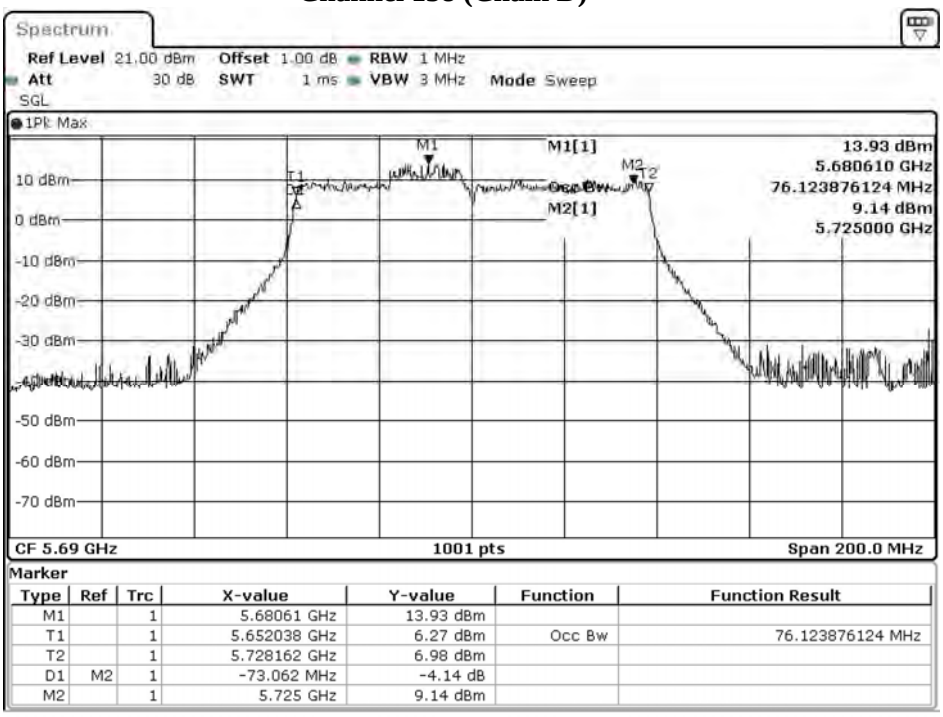
Date: 6.AUG.2020 02:40:53

Channel 138 (Chain C)



Date: 6.AUG.2020 06:41:11

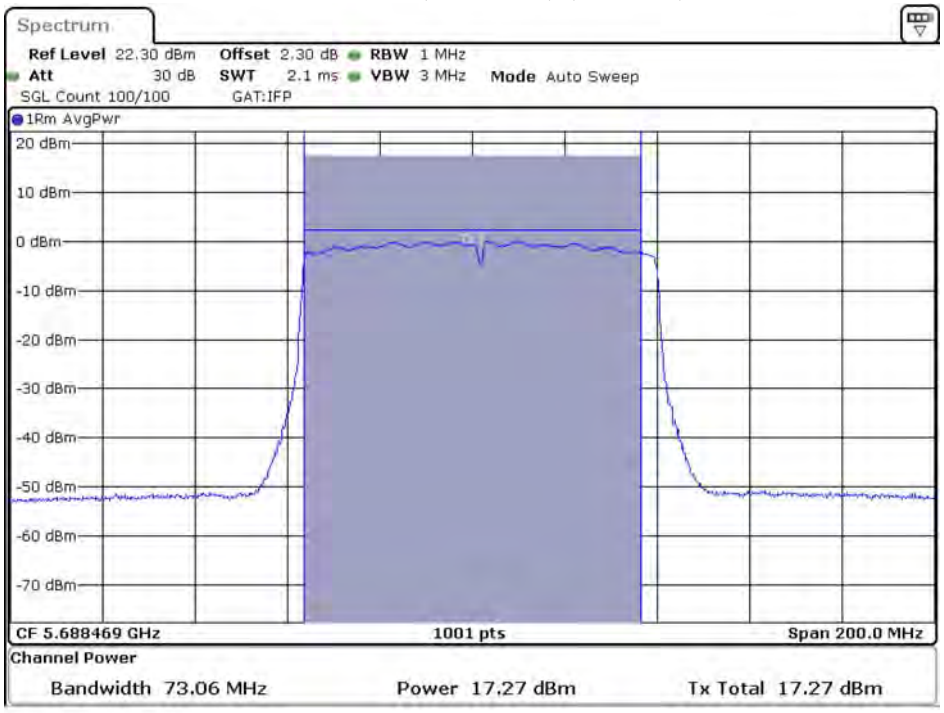
Channel 138 (Chain D)



Date: 5.AUG.2020 18:43:21

Maximum conducted output power:

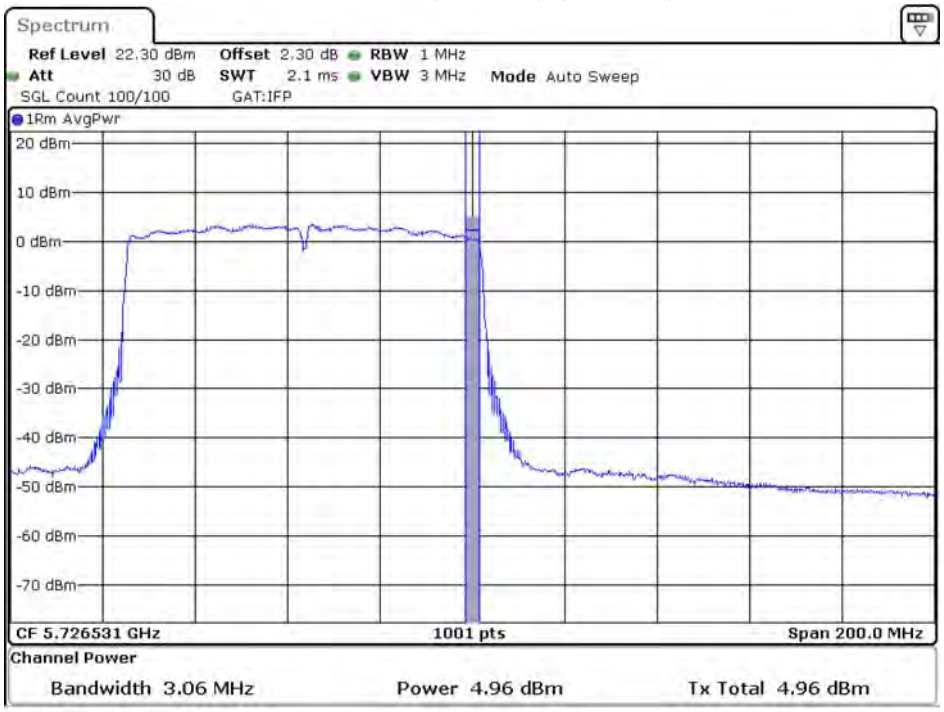
Channel 138 (U-NII-2C) (Chain A)



Date: 4.SEP.2020 14:50:49

Maximum conducted output power:

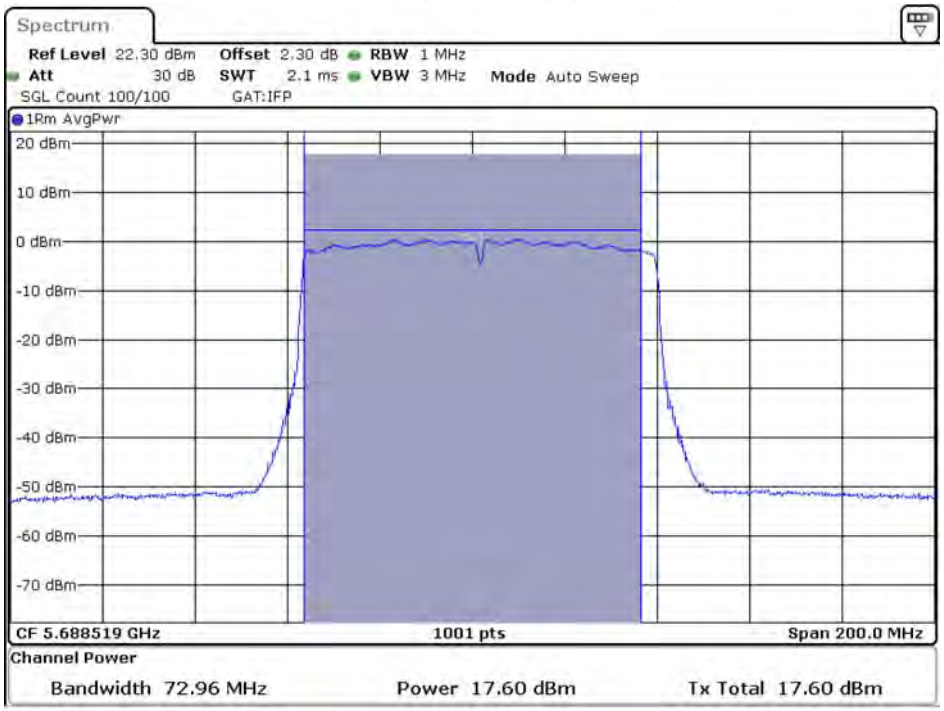
Channel 138 (U-NII-3) (Chain A)



Date: 4.SEP.2020 14:56:12

Maximum conducted output power:

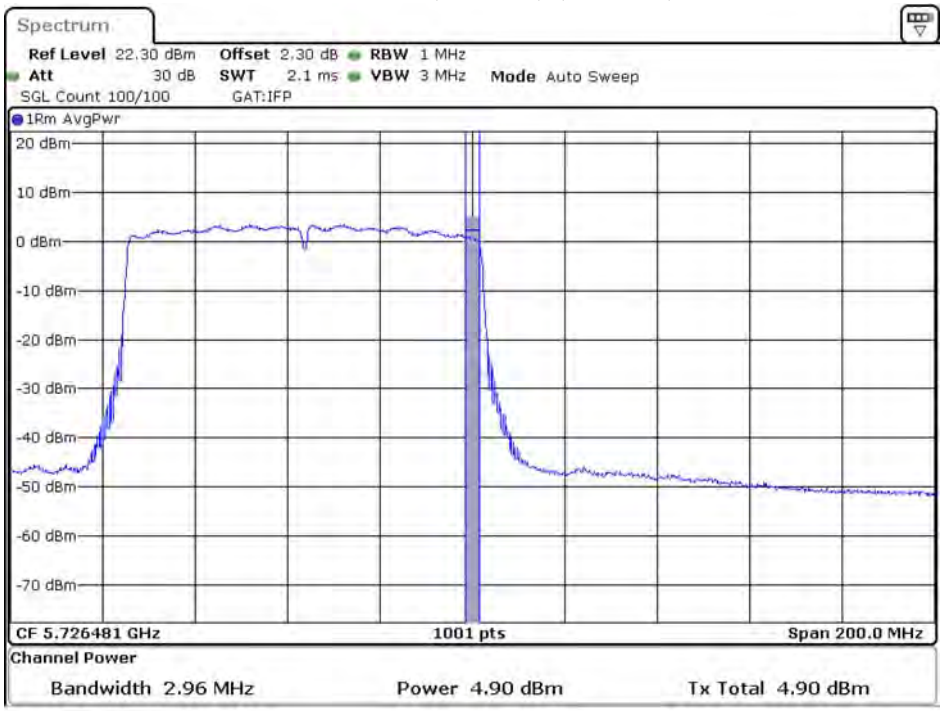
Channel 138 (U-NII-2C) (Chain B)



Date: 4.SEP.2020 14:51:53

Maximum conducted output power:

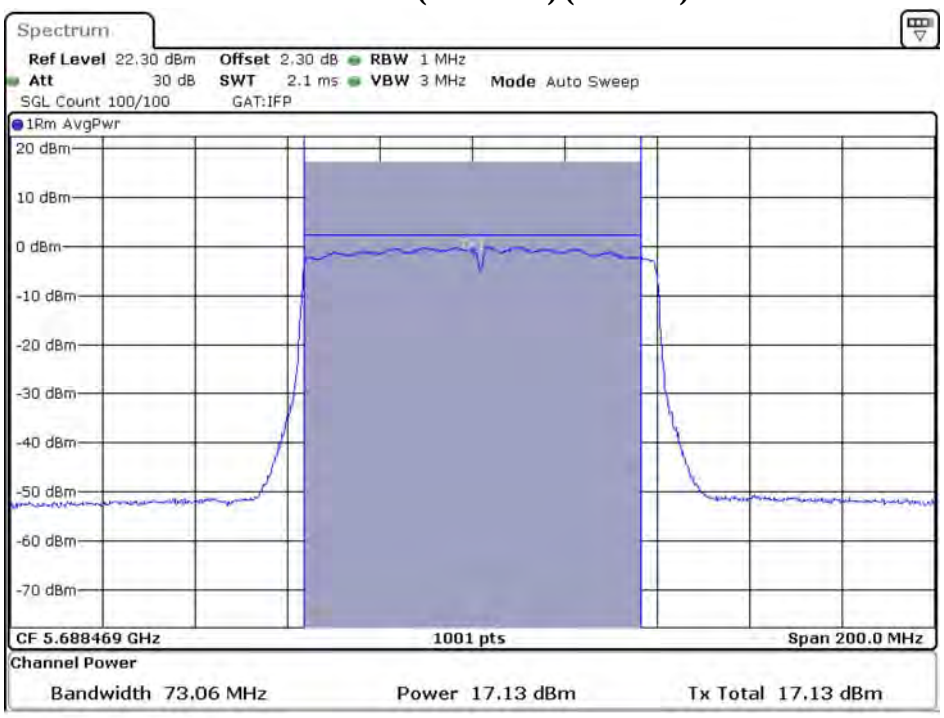
Channel 138 (U-NII-3) (Chain B)



Date: 4.SEP.2020 14:57:19

Maximum conducted output power:

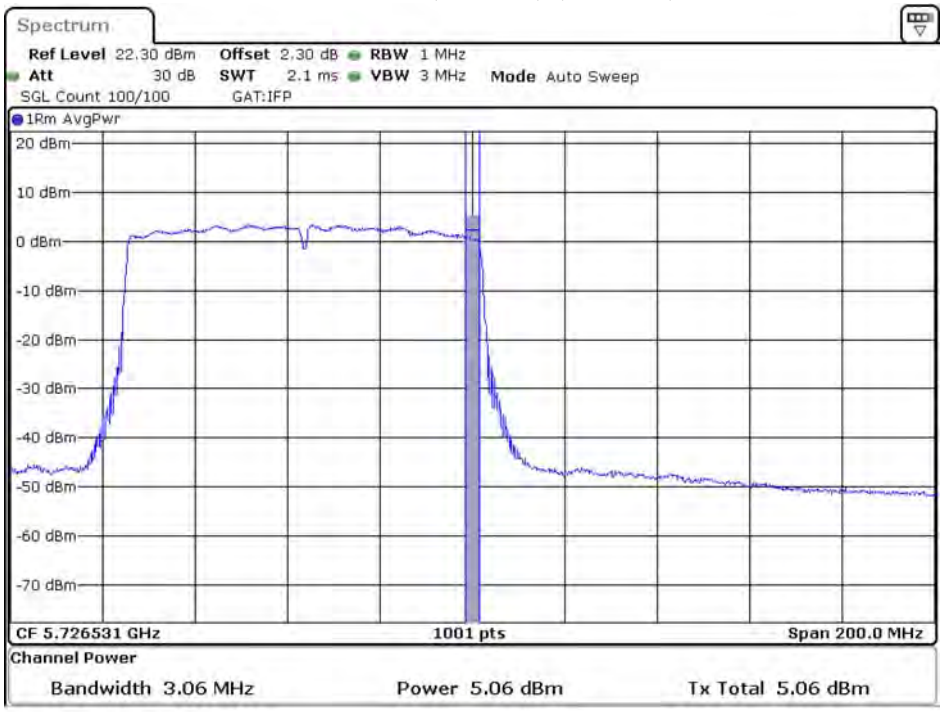
Channel 138 (U-NII-2C) (Chain C)



Date: 4.SEP.2020 14:52:55

Maximum conducted output power:

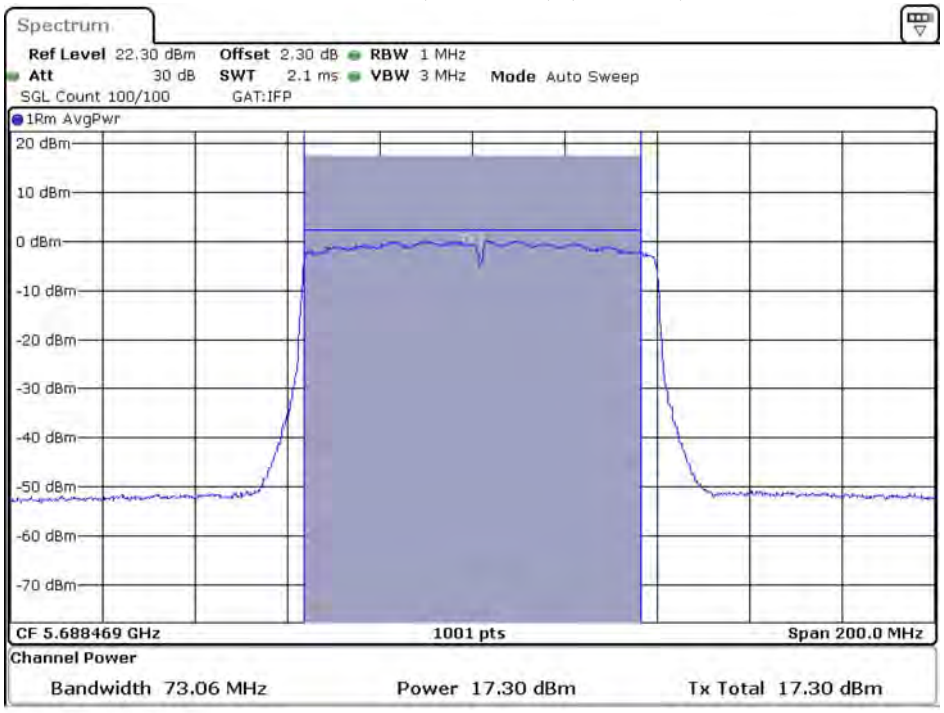
Channel 138 (U-NII-3) (Chain C)



Date: 4.SEP.2020 14:58:30

Maximum conducted output power:

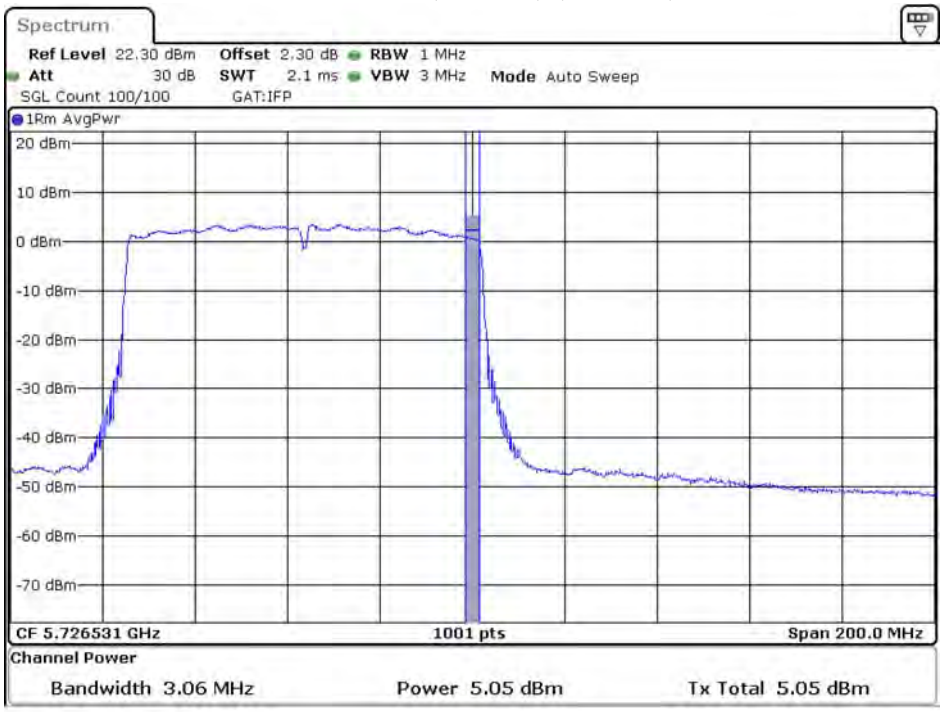
Channel 138 (U-NII-2C) (Chain D)



Date: 4.SEP.2020 14:54:23

Maximum conducted output power:

Channel 138 (U-NII-3) (Chain D)



Date: 4.SEP.2020 14:59:38

Product : LV55
Test Item : Maximum conducted output power
Test Mode : Mode 15: Transmit (802.11ax-20MBW-Beamforming)
Test Date : 2020/09/04

Chain A

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
52	5260	17.41	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.97	17.91	17.85	17.80	17.74	17.68	17.62	17.55	17.51	17.46	17.43	17.38
64	5320	18.02	--	--	--	--	--	--	--	--	--	--	--
100	5500	18.05	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.62	17.58	17.54	17.50	17.45	17.39	17.36	17.31	17.27	17.22	17.16	17.11
140	5700	17.92	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	17.07	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-3)	5720	11.94	--	--	--	--	--	--	--	--	--	--	--

Chain B

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
52	5260	17.77	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.99	17.94	17.88	17.82	17.79	17.75	17.70	17.63	17.60	17.54	17.48	17.45
64	5320	18.03	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.92	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.85	17.78	17.74	17.71	17.64	17.58	17.51	17.46	17.40	17.34	17.28	17.22
140	5700	17.97	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	17.16	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-3)	5720	11.99	--	--	--	--	--	--	--	--	--	--	--

Chain C

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
52	5260	17.63	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.61	17.56	17.49	17.44	17.38	17.34	17.28	17.21	17.17	17.12	17.06	17.00
64	5320	17.79	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.61	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.05	16.99	16.94	16.90	16.84	16.79	16.76	16.69	16.63	16.58	16.54	16.50
140	5700	17.52	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	17.12	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-3)	5720	11.85	--	--	--	--	--	--	--	--	--	--	--

Chain D

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
52	5260	18.12	--	--	--	--	--	--	--	--	--	--	--
60	5300	18.08	18.02	17.96	17.91	17.85	17.78	17.74	17.68	17.63	17.60	17.53	17.49
64	5320	17.81	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.85	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.76	17.72	17.67	17.61	17.57	17.53	17.48	17.44	17.41	17.36	17.30	17.27
140	5700	17.98	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	17.24	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-3)	5720	12.09	--	--	--	--	--	--	--	--	--	--	--

Maximum conducted output power Measurement:

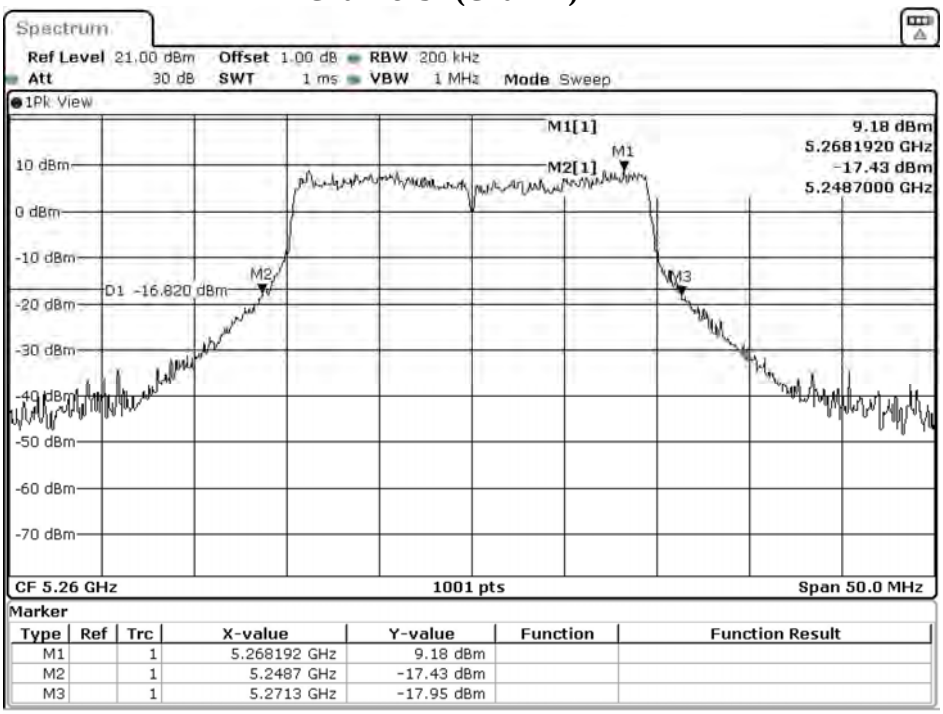
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain D Power (dBm)	Output Power (dBm)	Output Power Limit		Result
								(dBm)	dBm+10log(BW)	
52	5260	21.650	17.41	17.77	17.63	18.12	23.76	24	24.35	Pass
60	5300	21.900	17.97	17.99	17.61	18.08	23.94	24	24.40	Pass
64	5320	22.000	18.02	18.03	17.79	17.81	23.93	24	24.42	Pass
100	5500	22.200	18.05	17.92	17.61	17.85	23.88	24	24.46	Pass
116	5580	22.000	17.62	17.85	17.05	17.76	23.60	24	24.42	Pass
140	5700	22.550	17.92	17.97	17.52	17.98	23.87	24	24.53	Pass
144(U-NII-2C)	5720	16.650	17.07	17.16	17.12	17.24	23.17	24	23.21	Pass
144(U-NII-3)	5720	--	11.94	11.99	11.85	12.09	17.99	30	--	Pass

Note:

1. Output Power Value (dBm) = 10*LOG (Chain A(mW)+ Chain B(mW)+ Chain C(mW)+ Chain D(mW))
2. 26dB Bandwidth is the bandwidth of chain A or B or C or D whichever is less bandwidth, output power limitation is more stringent.

26dB Occupied Bandwidth:

Channel 52 (Chain A)

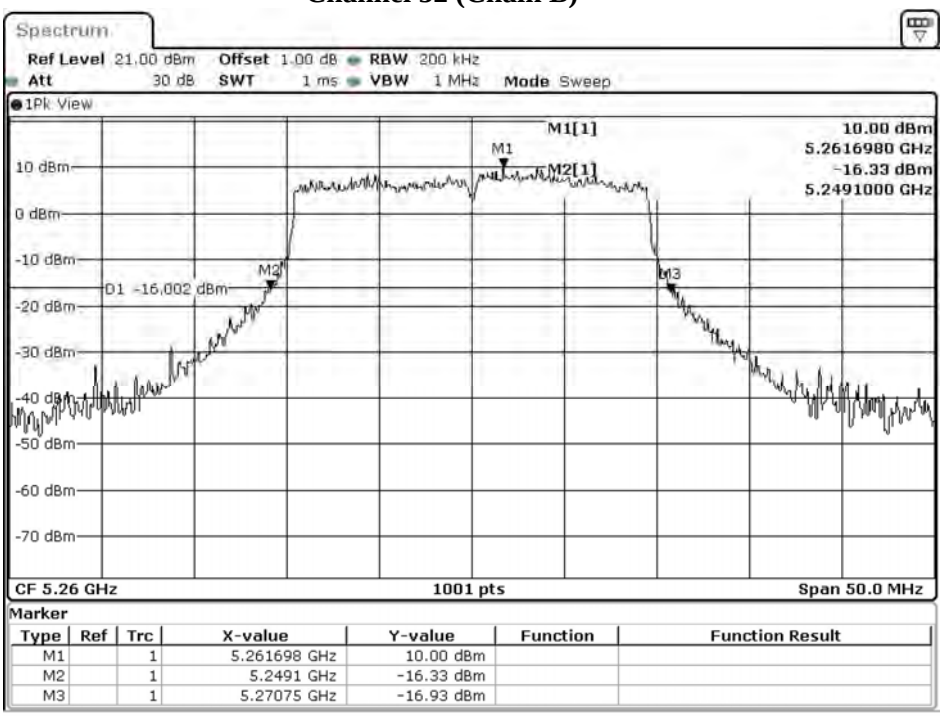


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.268192 GHz	9.18 dBm		
M2		1	5.2487 GHz	-17.43 dBm		
M3		1	5.2713 GHz	-17.95 dBm		

Date: 30.JUL.2020 05:51:50

Channel 52 (Chain B)

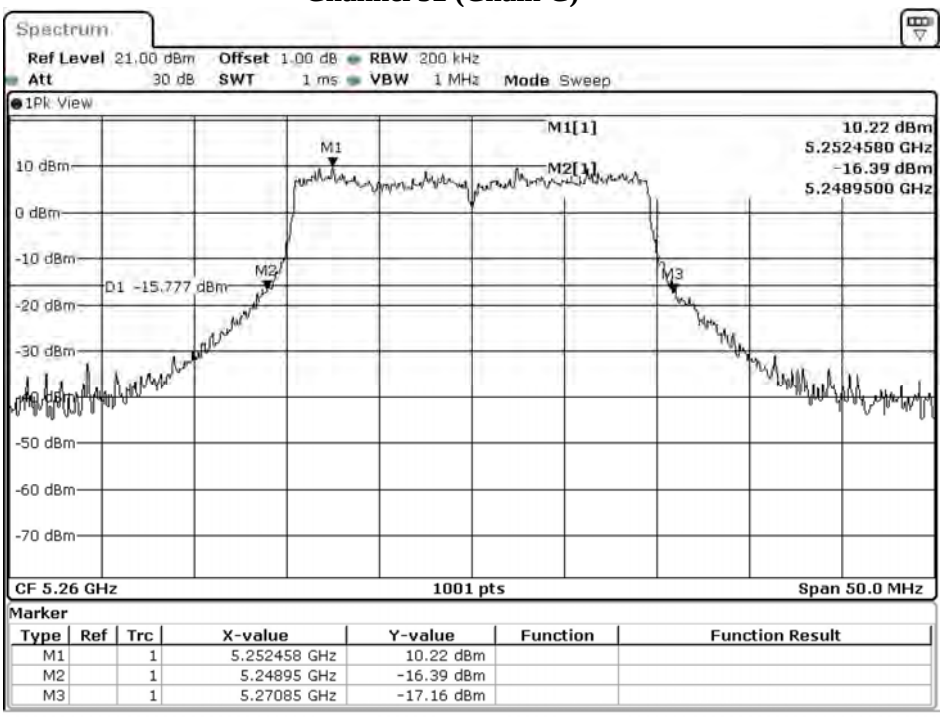


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.261698 GHz	10.00 dBm		
M2		1	5.2491 GHz	-16.33 dBm		
M3		1	5.27075 GHz	-16.93 dBm		

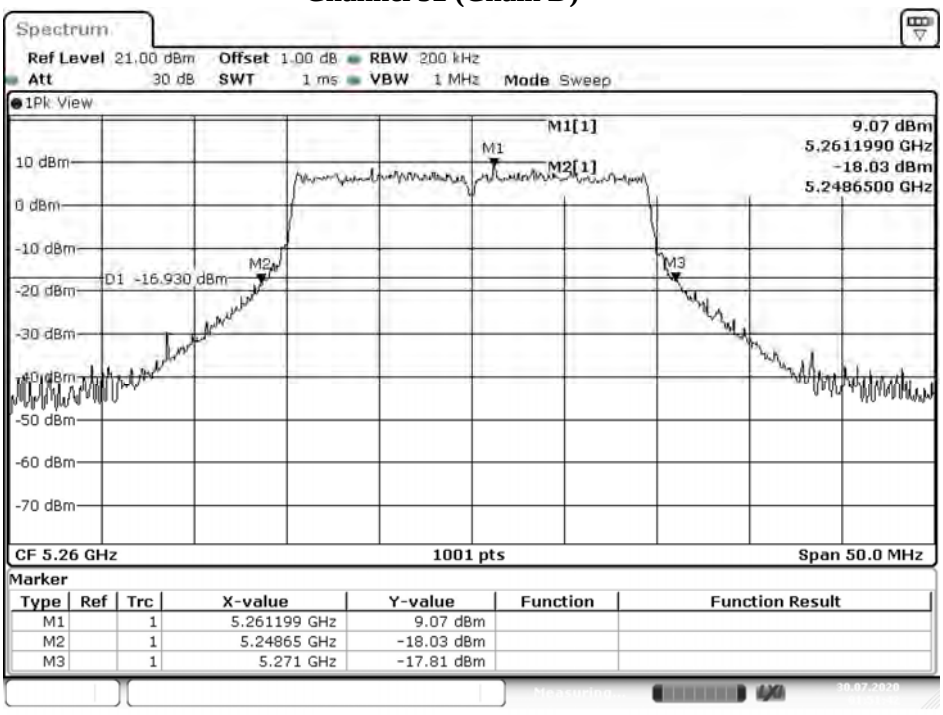
Date: 29.JUL.2020 17:53:59

Channel 52 (Chain C)



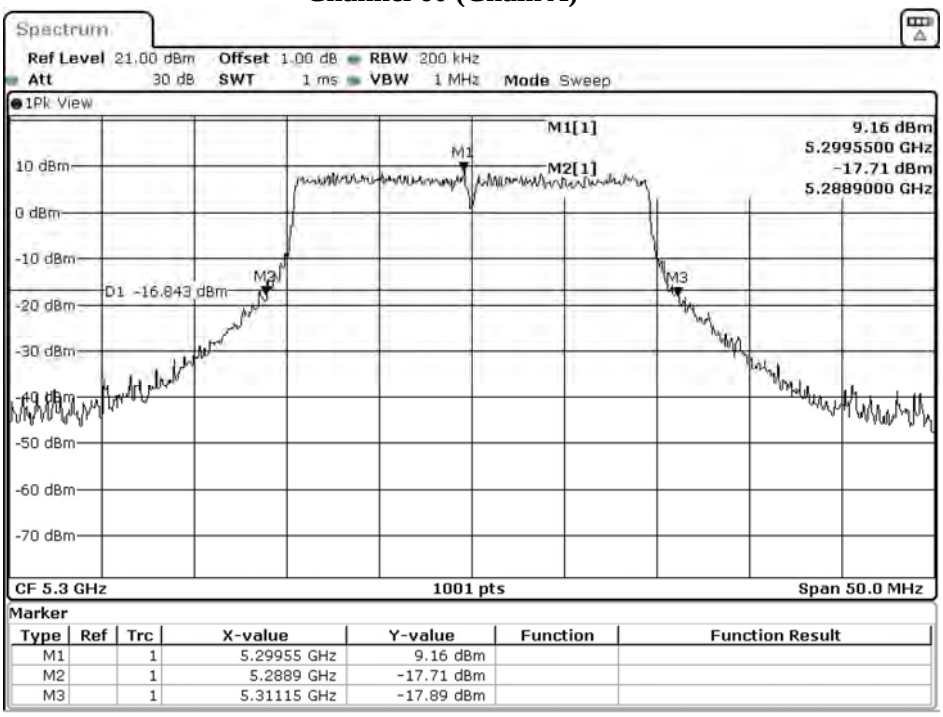
Date: 30.JUL.2020 01:48:39

Channel 52 (Chain D)



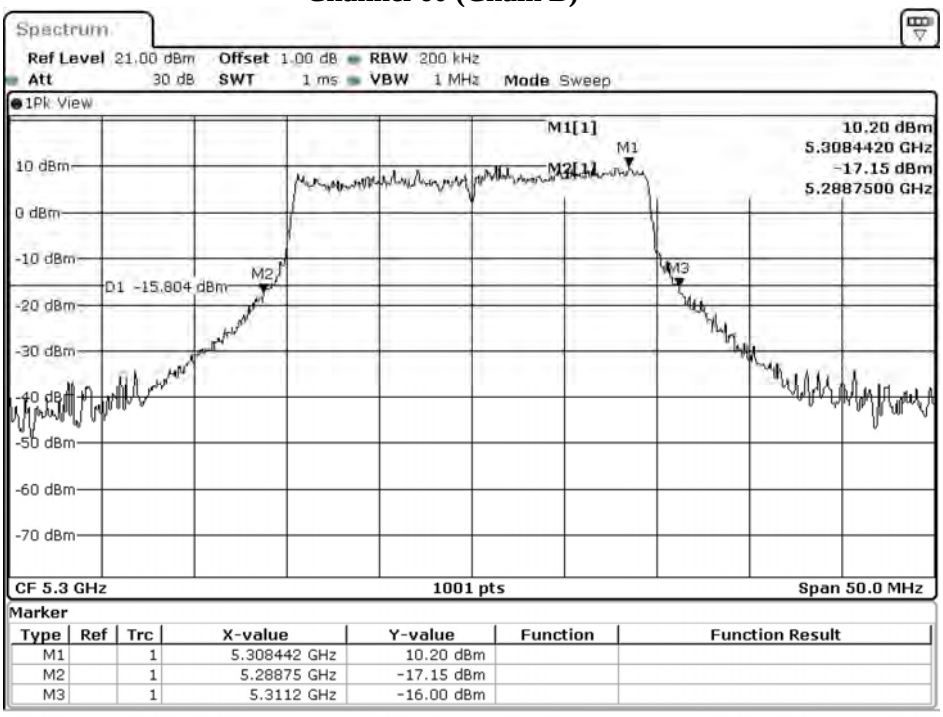
Date: 30.JUL.2020 01:51:42

Channel 60 (Chain A)



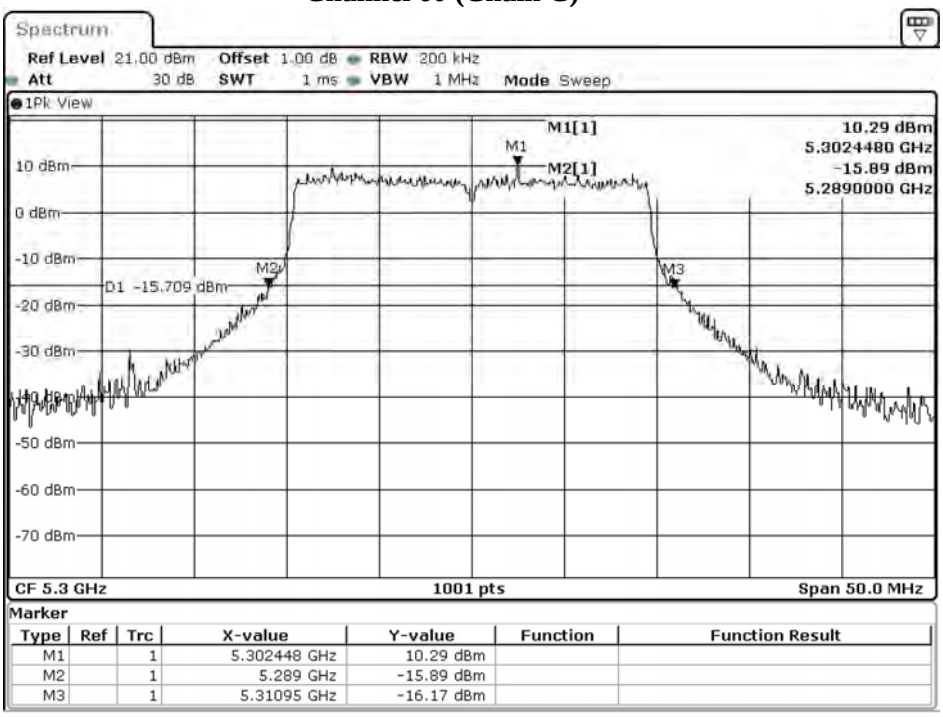
Date: 30.JUL.2020 05:57:36

Channel 60 (Chain B)



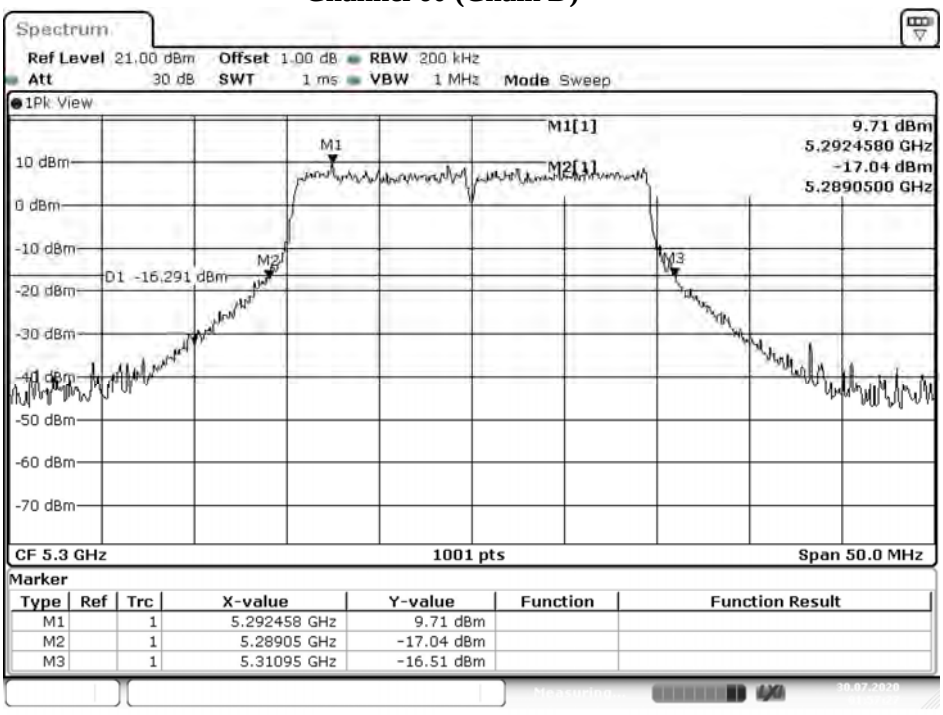
Date: 29.JUL.2020 17:59:45

Channel 60 (Chain C)



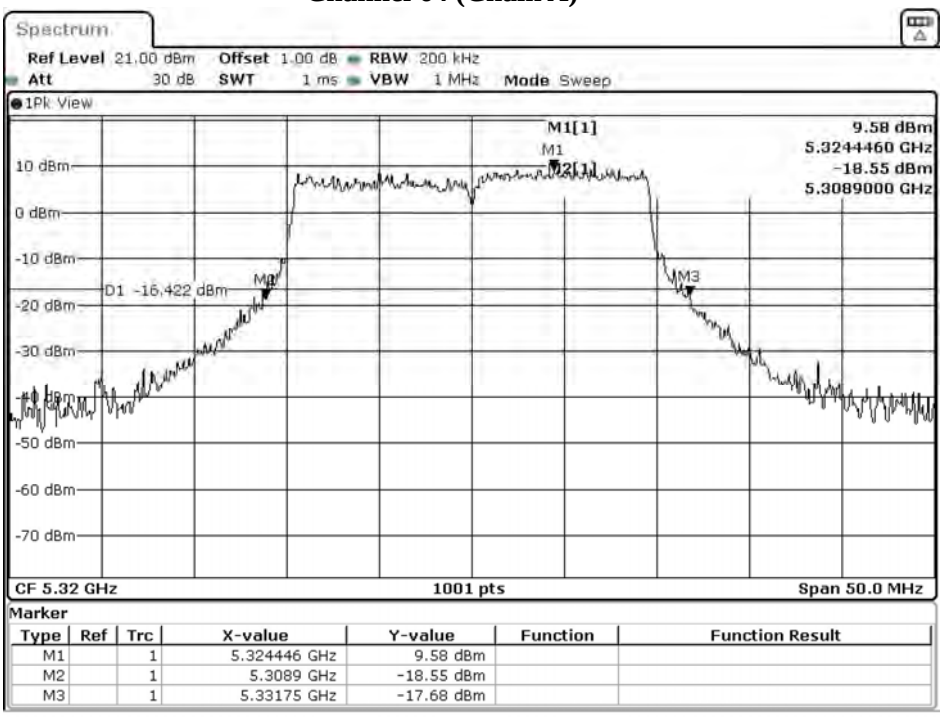
Date: 30.JUL.2020 01:54:24

Channel 60 (Chain D)



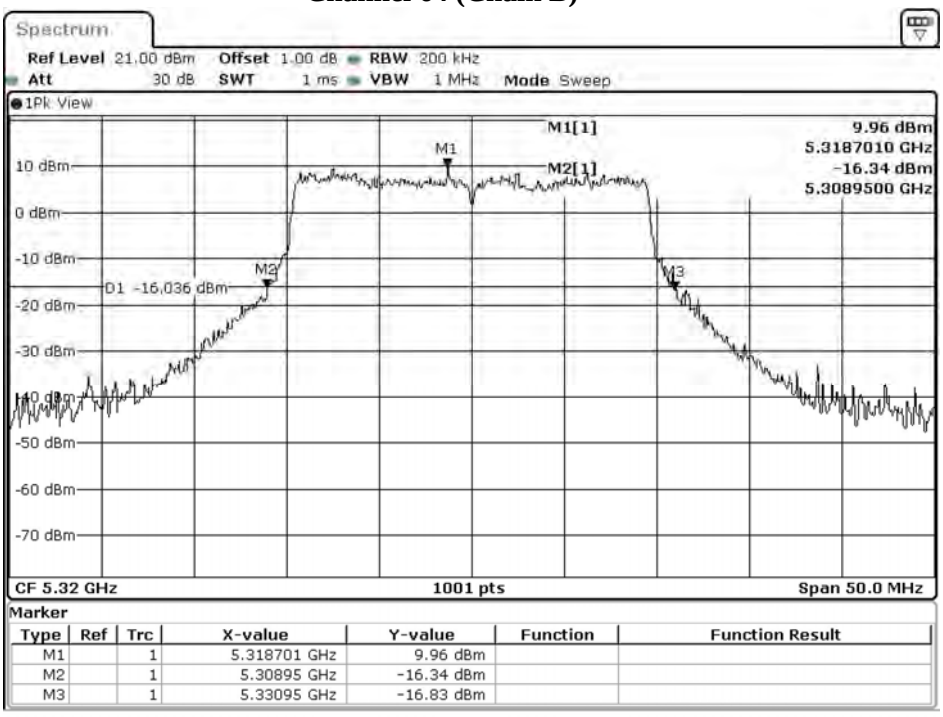
Date: 30.JUL.2020 01:57:28

Channel 64 (Chain A)



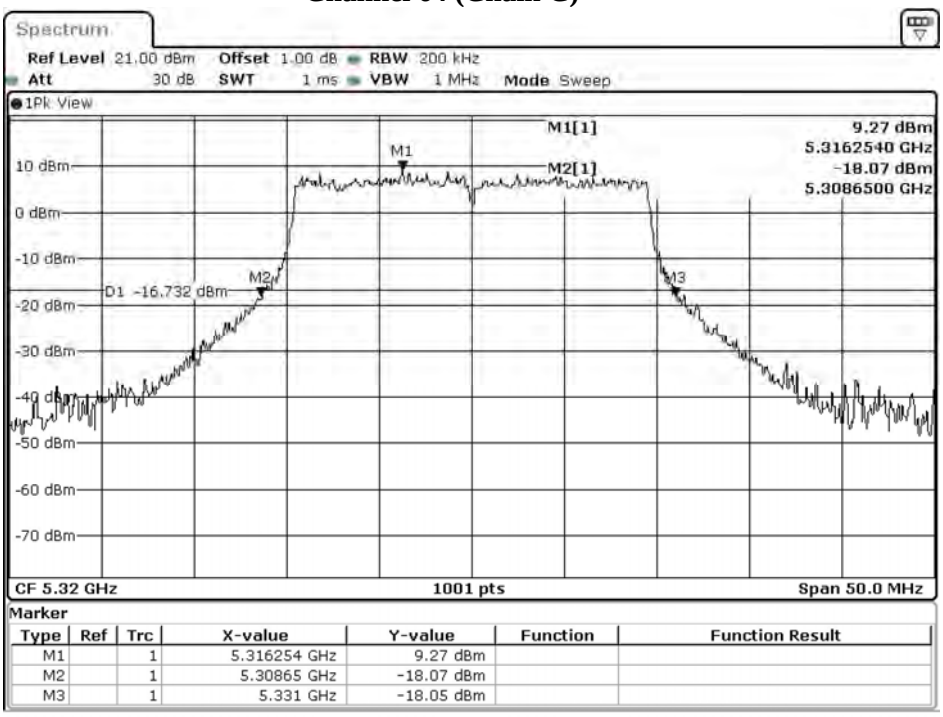
Date: 30.JUL.2020 06:06:22

Channel 64 (Chain B)



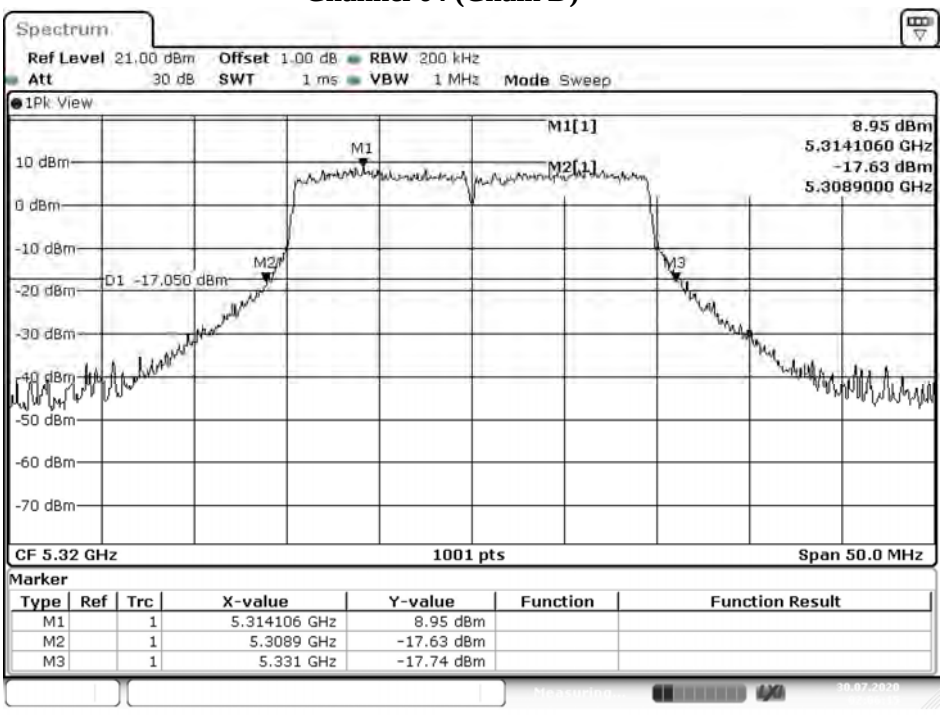
Date: 29.JUL.2020 18:08:31

Channel 64 (Chain C)



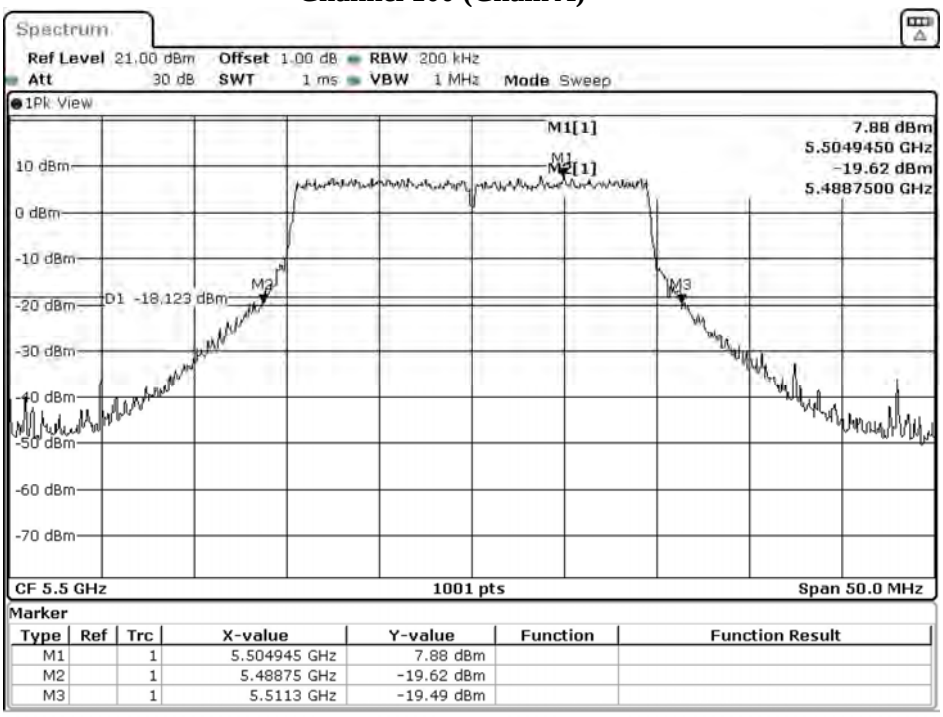
Date: 30.JUL.2020 02:03:11

Channel 64 (Chain D)



Date: 30.JUL.2020 02:06:14

Channel 100 (Chain A)

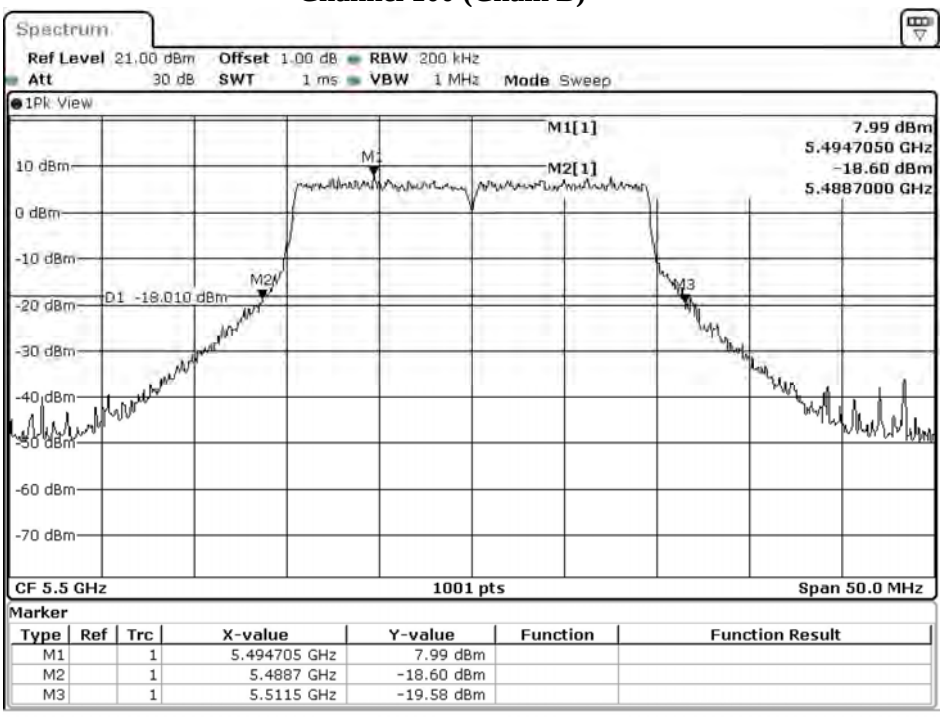


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.504945 GHz	7.88 dBm		
M2		1	5.48875 GHz	-19.62 dBm		
M3		1	5.5113 GHz	-19.49 dBm		

Date: 30.JUL.2020 06:16:36

Channel 100 (Chain B)

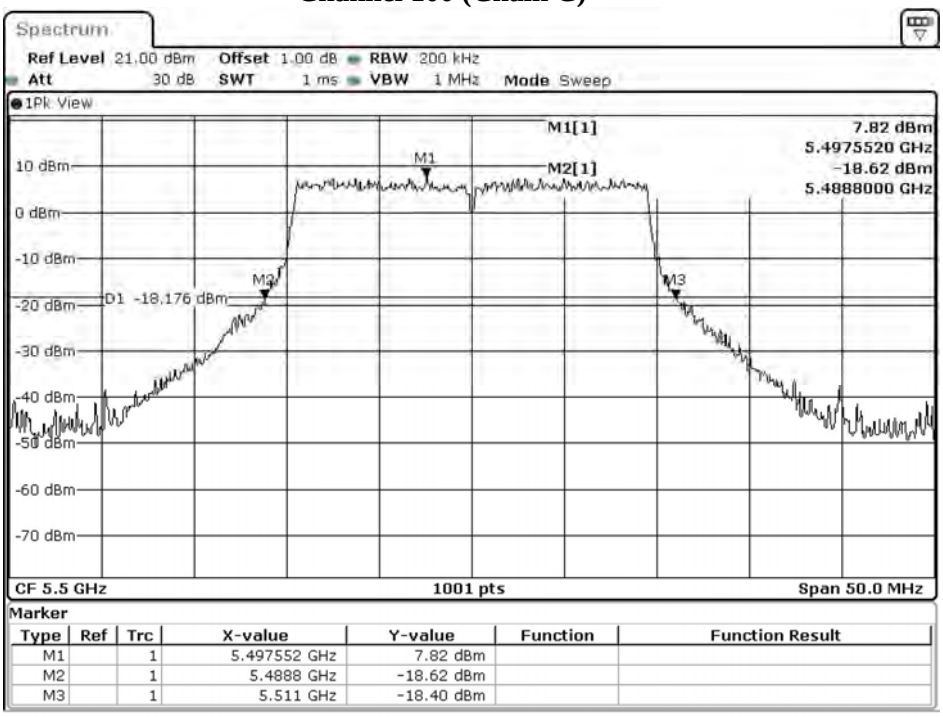


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.494705 GHz	7.99 dBm		
M2		1	5.4887 GHz	-18.60 dBm		
M3		1	5.5115 GHz	-19.58 dBm		

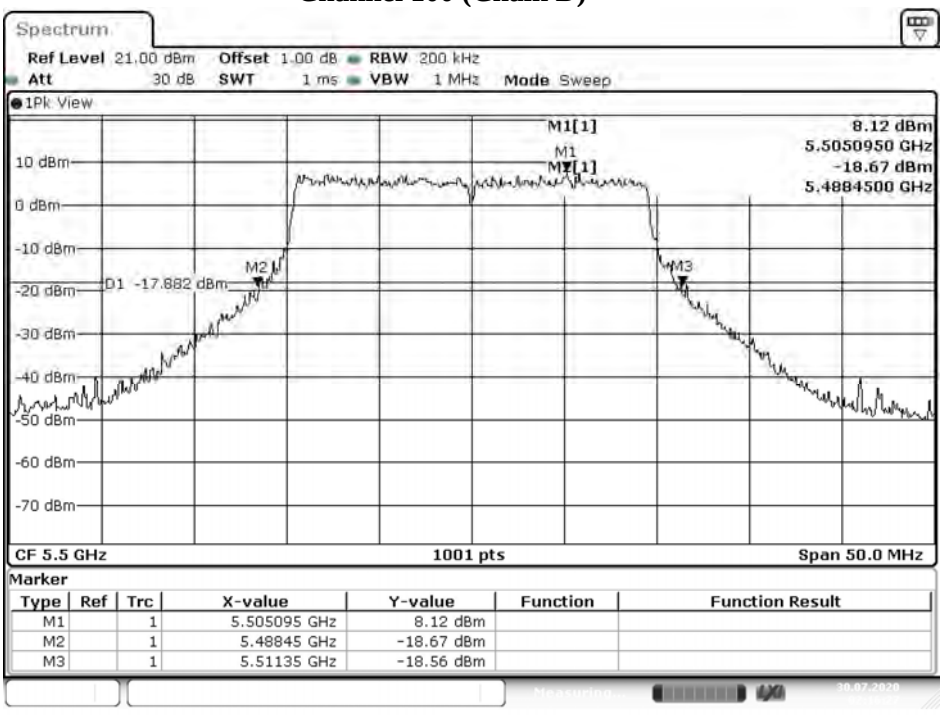
Date: 29.JUL.2020 18:18:45

Channel 100 (Chain C)



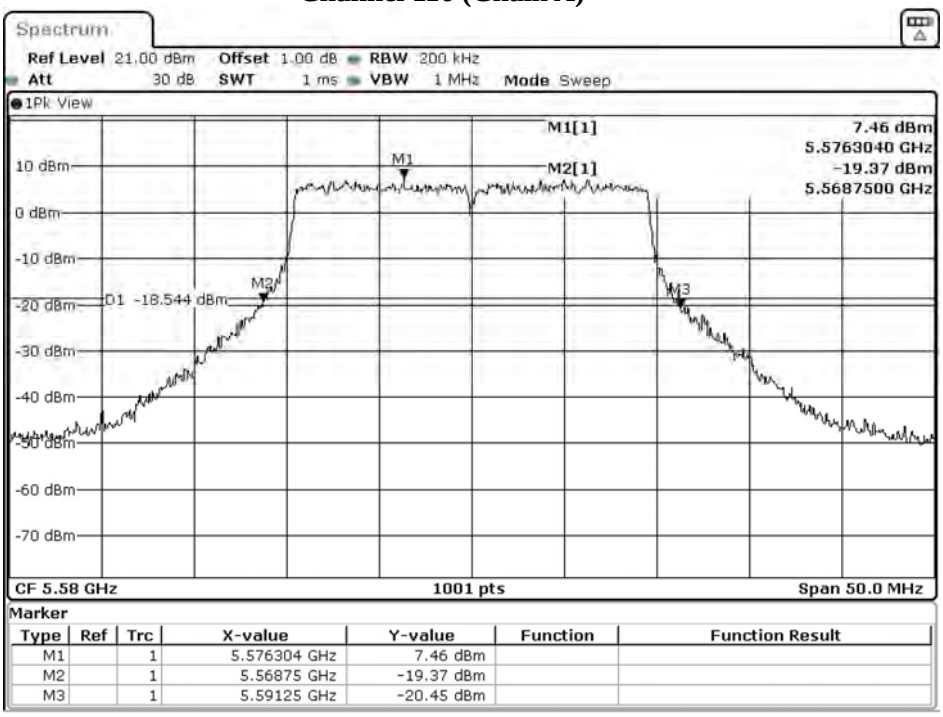
Date: 30.JUL.2020 02:13:24

Channel 100 (Chain D)



Date: 30.JUL.2020 02:16:28

Channel 116 (Chain A)

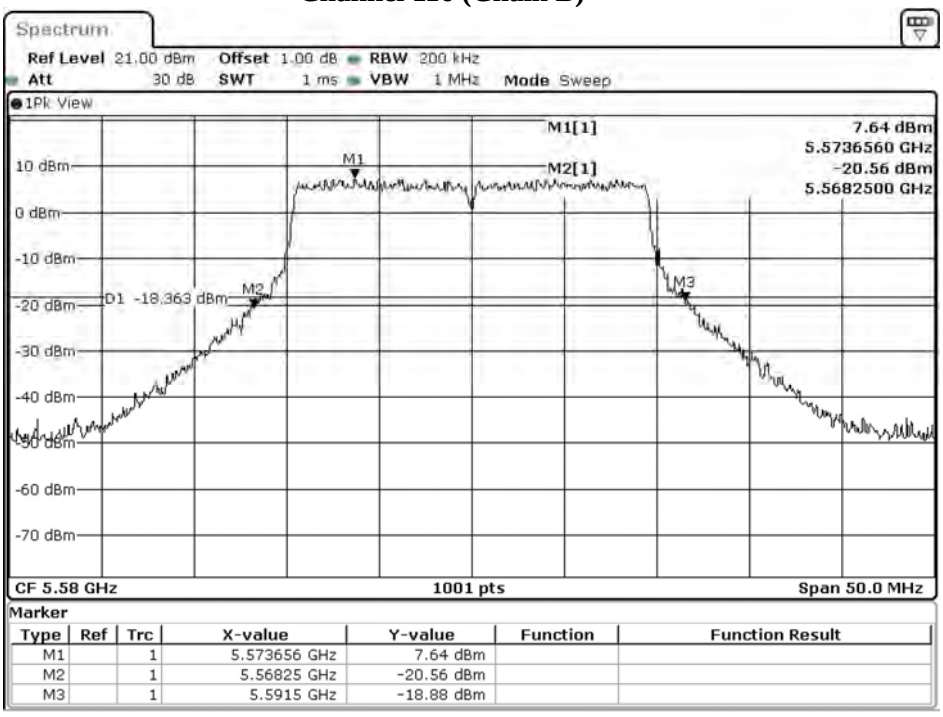


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.576304 GHz	7.46 dBm		
M2		1	5.56875 GHz	-19.37 dBm		
M3		1	5.59125 GHz	-20.45 dBm		

Date: 30.JUL.2020 06:21:36

Channel 116 (Chain B)

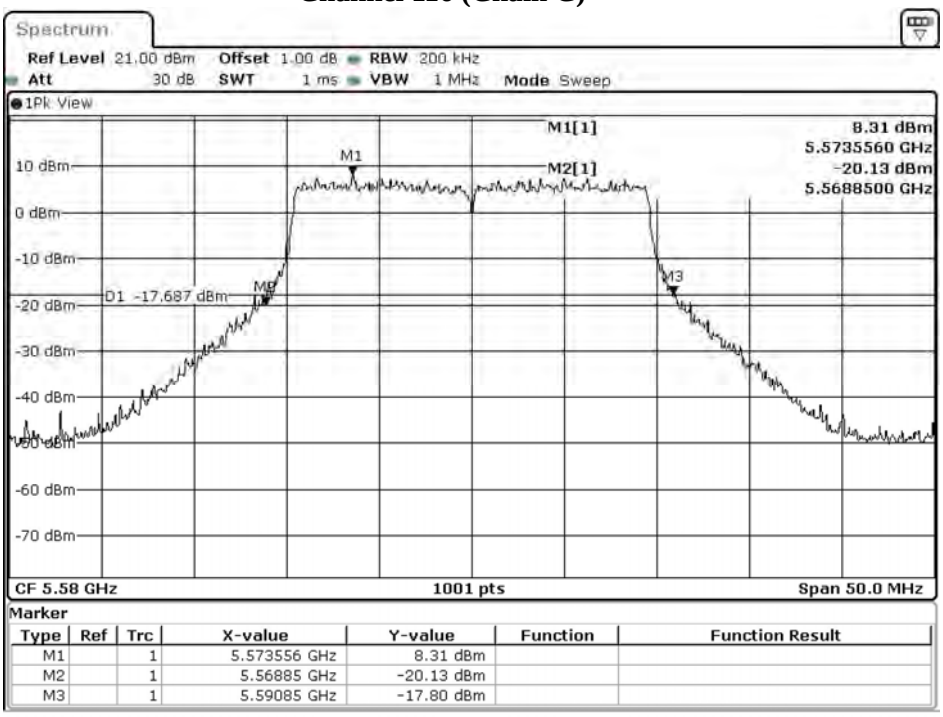


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.573656 GHz	7.64 dBm		
M2		1	5.56825 GHz	-20.56 dBm		
M3		1	5.5915 GHz	-18.88 dBm		

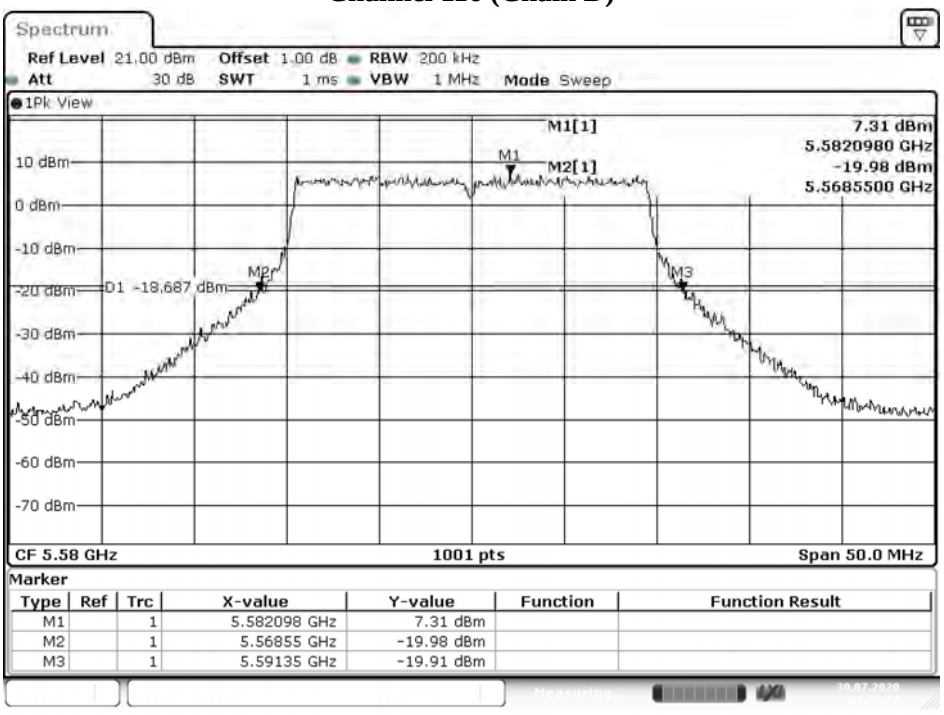
Date: 29.JUL.2020 18:23:44

Channel 116 (Chain C)



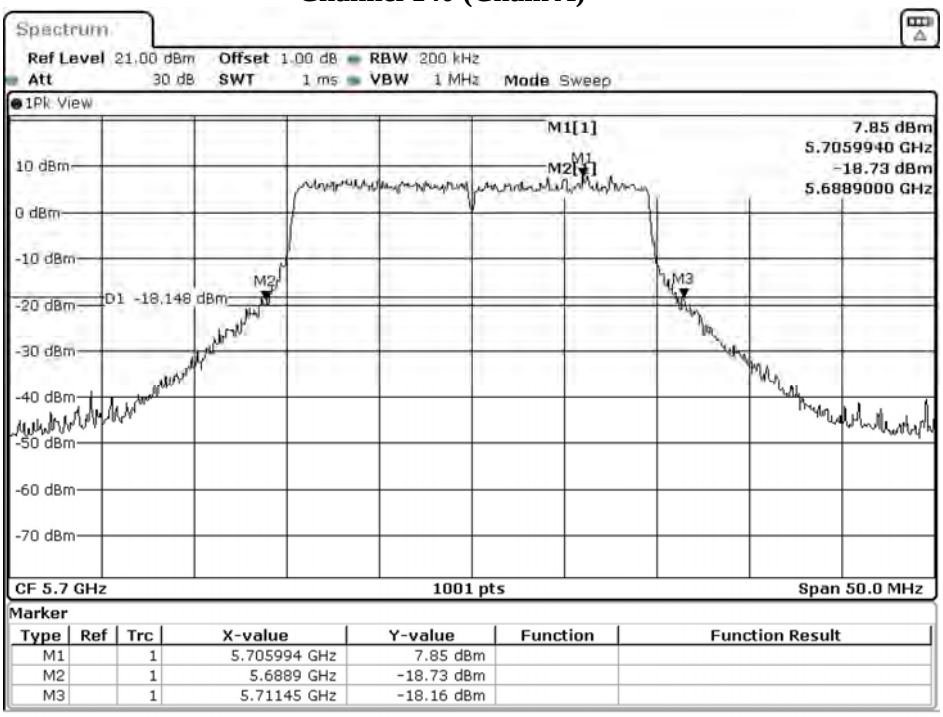
Date: 30.JUL.2020 02:18:24

Channel 116 (Chain D)



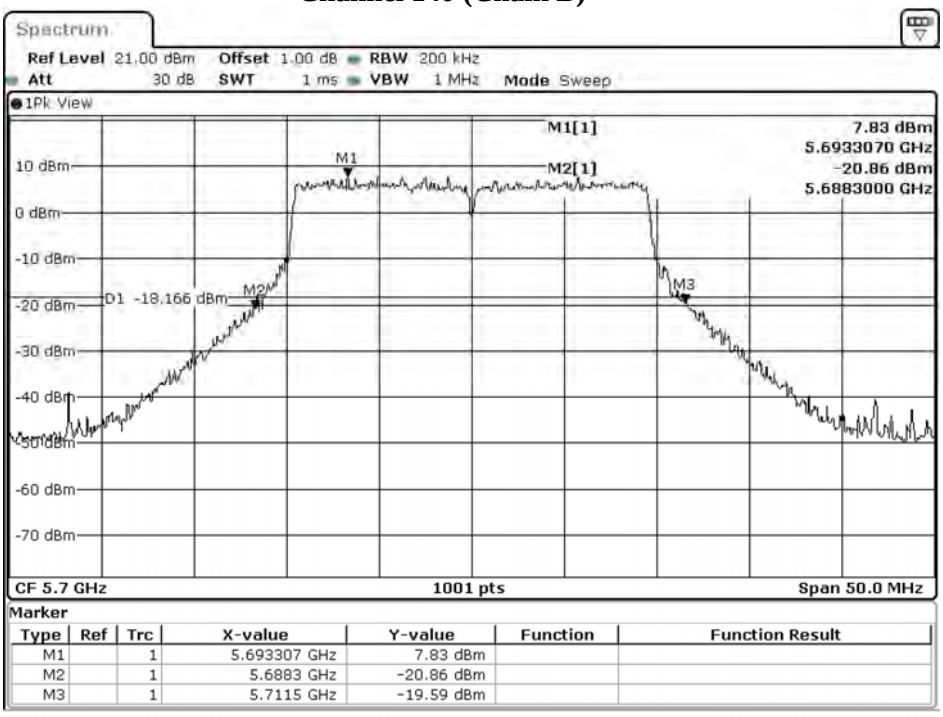
Date: 30.JUL.2020 02:21:28

Channel 140 (Chain A)



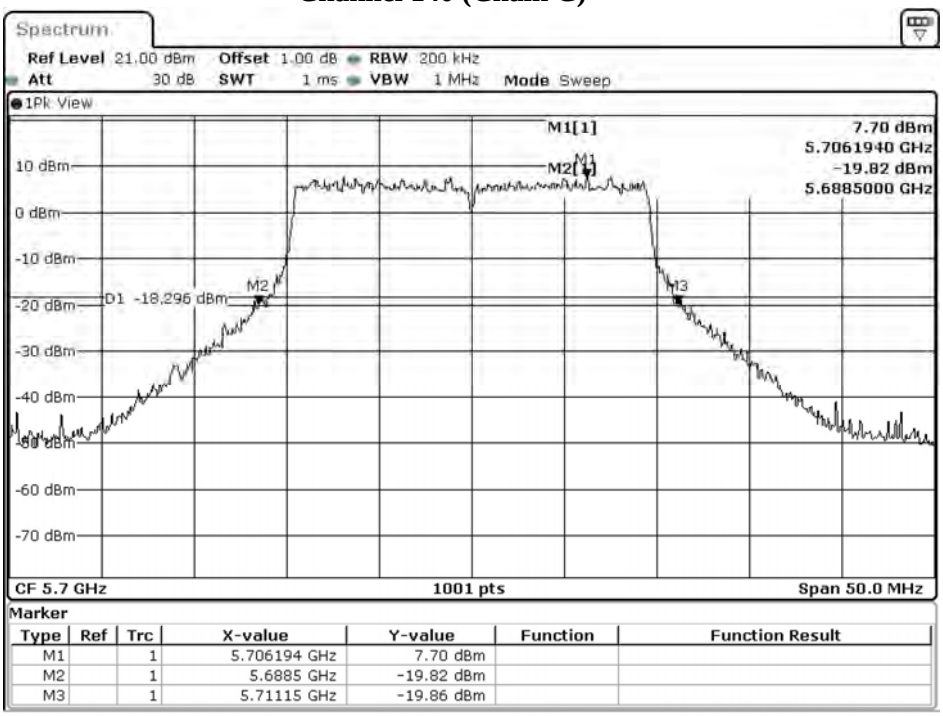
Date: 30.JUL.2020 06:29:24

Channel 140 (Chain B)



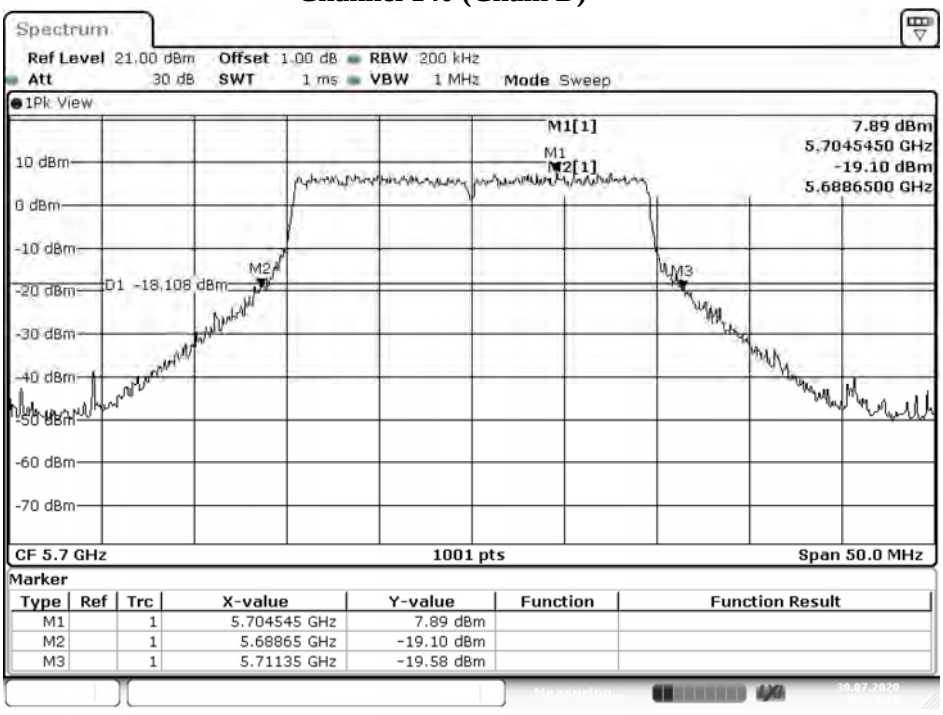
Date: 29.JUL.2020 18:31:33

Channel 140 (Chain C)



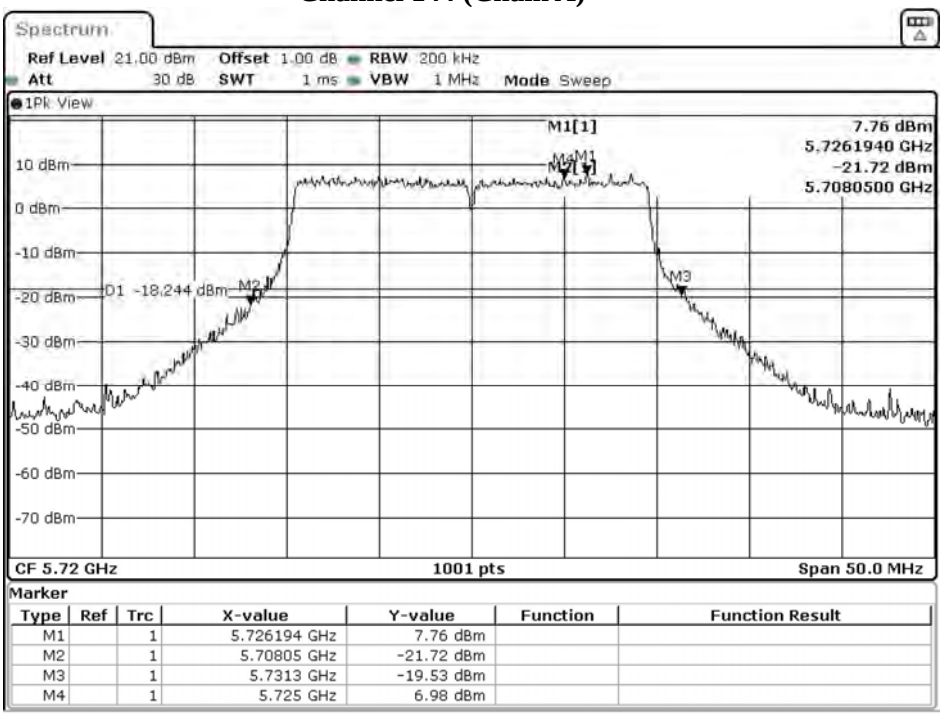
Date: 30.JUL.2020 02:26:12

Channel 140 (Chain D)



Date: 30.JUL.2020 02:29:16

Channel 144 (Chain A)

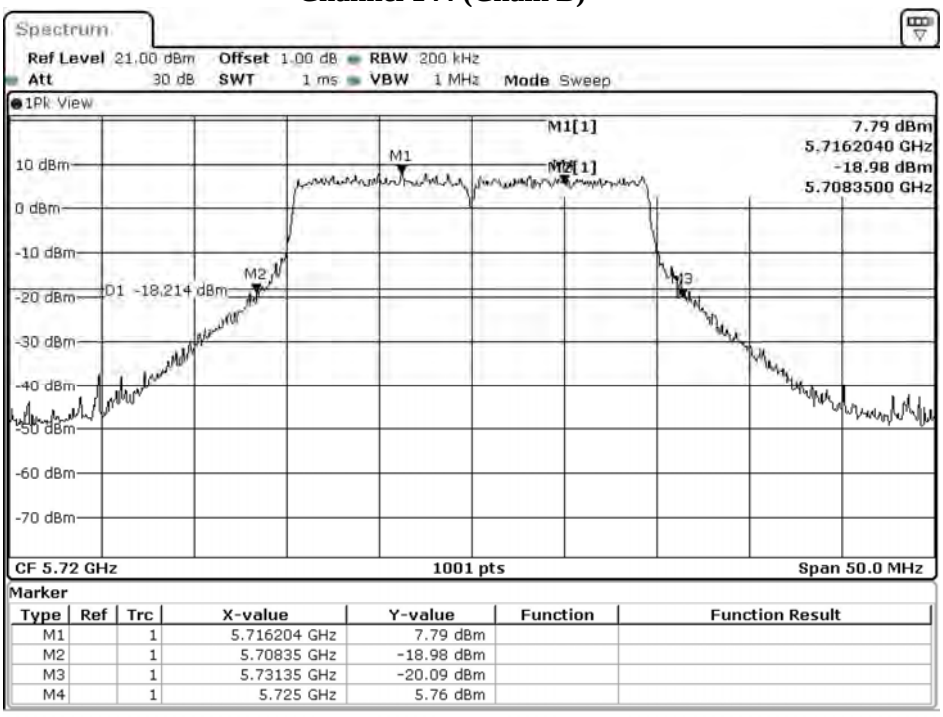


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.726194 GHz	7.76 dBm		
M2		1	5.70805 GHz	-21.72 dBm		
M3		1	5.7313 GHz	-19.53 dBm		
M4		1	5.725 GHz	6.98 dBm		

Date: 30.JUL.2020 04:47:26

Channel 144 (Chain B)

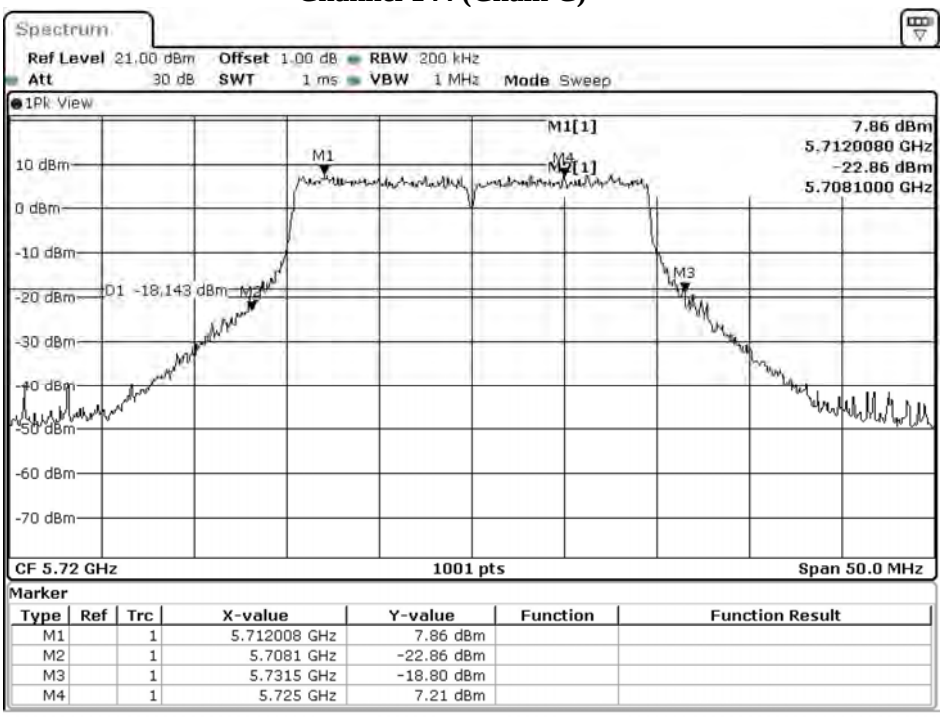


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.716204 GHz	7.79 dBm		
M2		1	5.70835 GHz	-18.98 dBm		
M3		1	5.73135 GHz	-20.09 dBm		
M4		1	5.725 GHz	5.76 dBm		

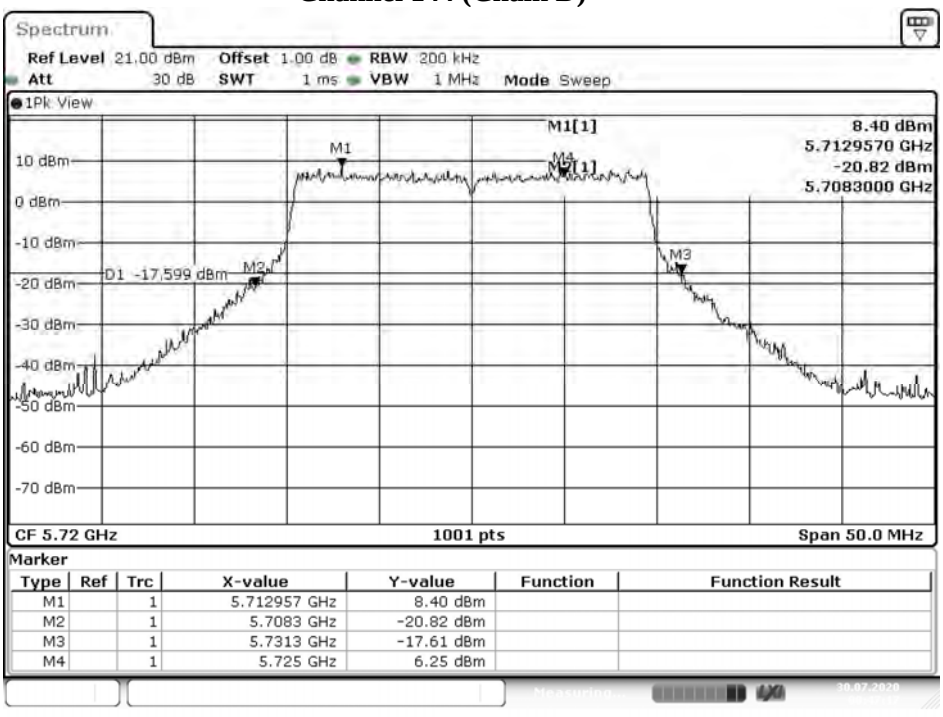
Date: 29.JUL.2020 16:49:34

Channel 144 (Chain C)



Date: 30.JUL.2020 00:44:14

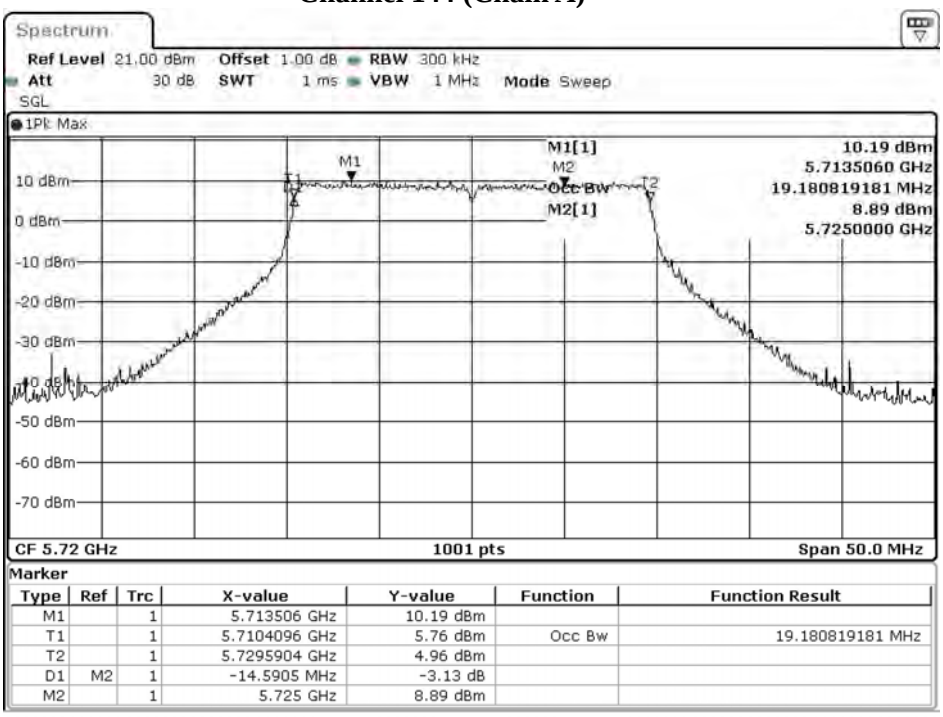
Channel 144 (Chain D)



Date: 30.JUL.2020 00:47:18

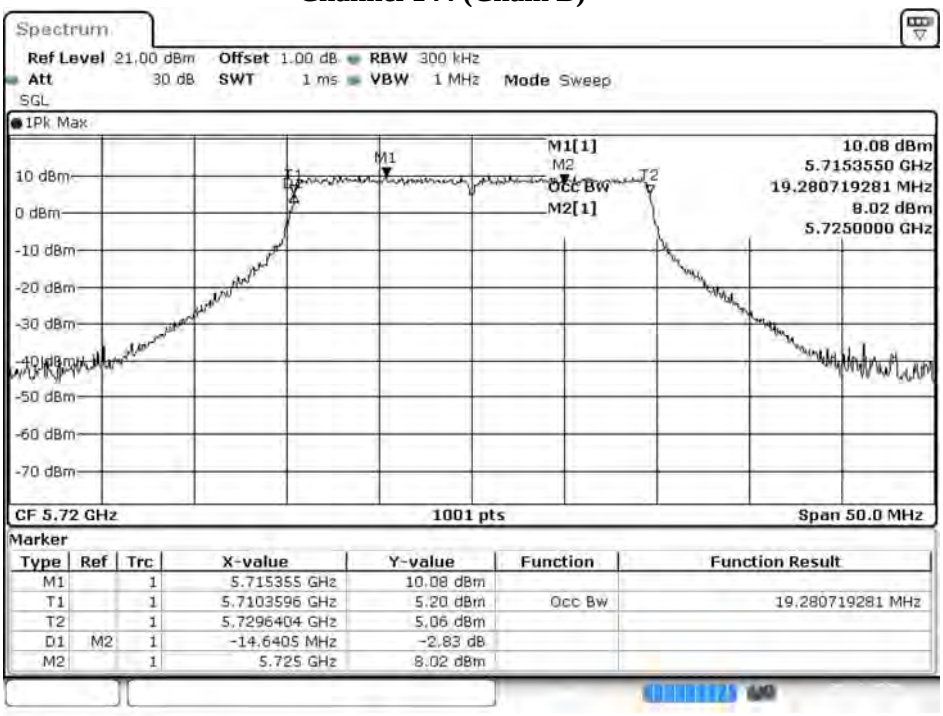
99% Occupied Bandwidth:

Channel 144 (Chain A)



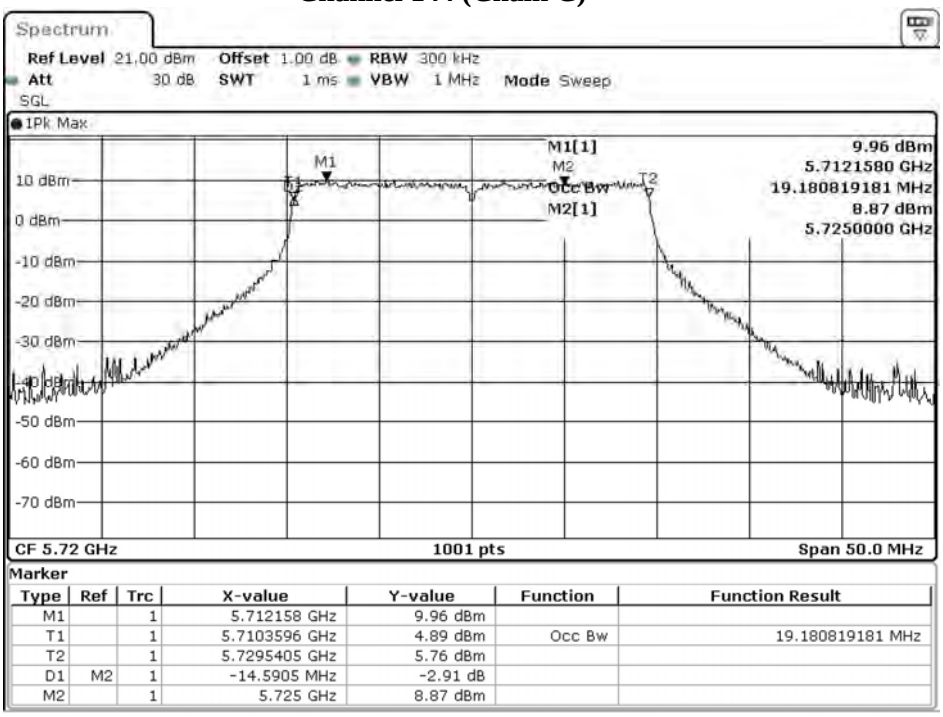
Date: 13.AUG.2020 05:51:11

Channel 144 (Chain B)



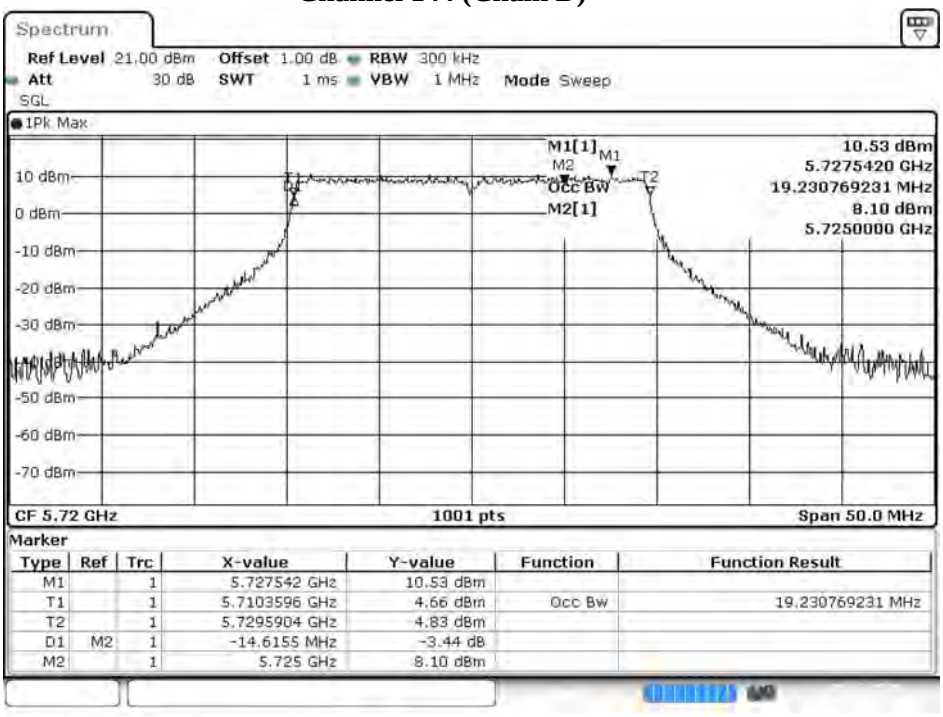
Date: 12.AUG.2020 17:53:19

Channel 144 (Chain C)



Date: 13.AUG.2020 06:26:09

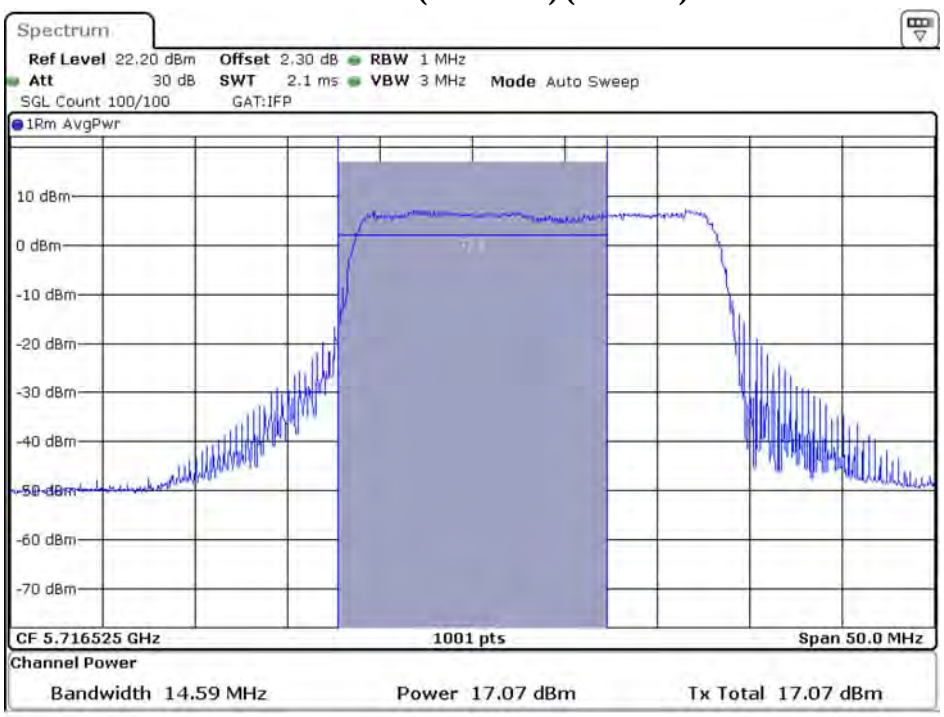
Channel 144 (Chain D)



Date: 12.AUG.2020 17:57:11

Maximum conducted output power:

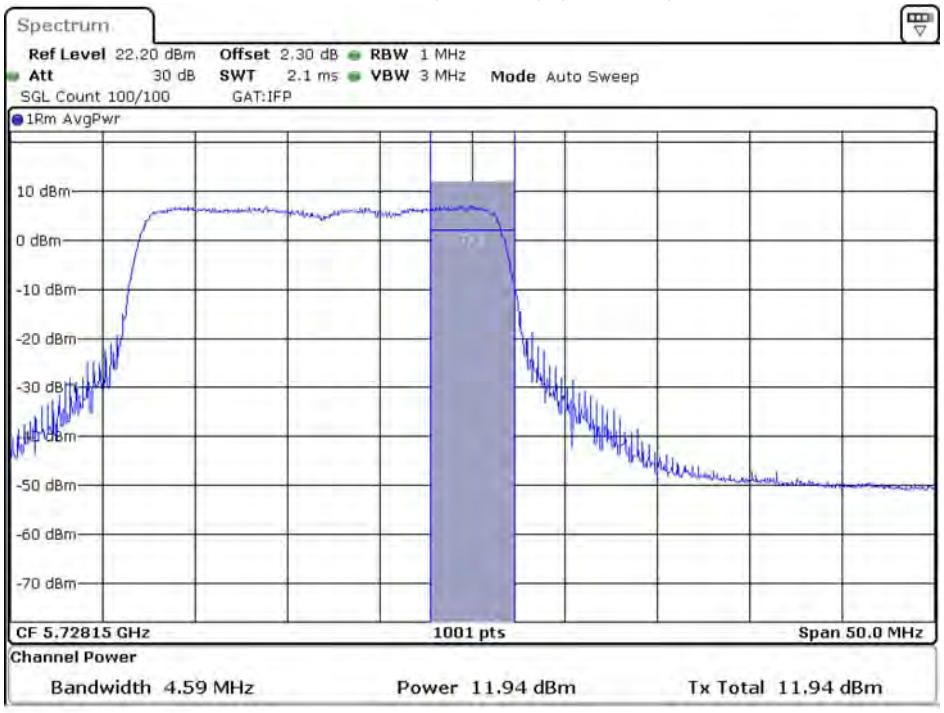
Channel 144 (U-NII-2C) (Chain A)



Date: 4.SEP.2020 10:03:46

Maximum conducted output power:

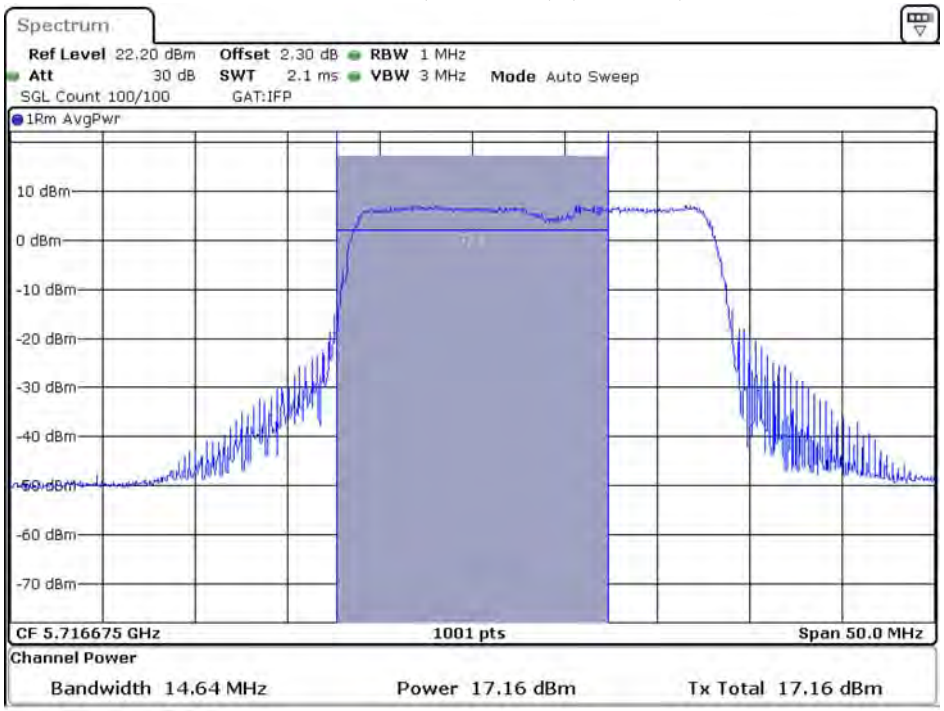
Channel 144 (U-NII-3) (Chain A)



Date: 4.SEP.2020 10:08:08

Maximum conducted output power:

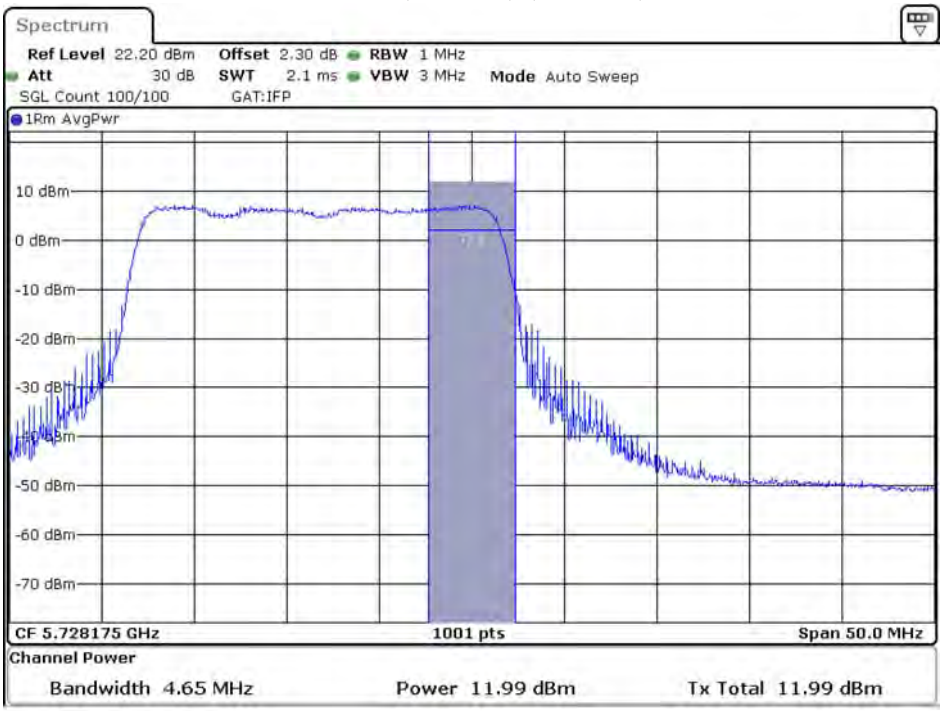
Channel 144 (U-NII-2C) (Chain B)



Date: 4.SEP.2020 10:05:10

Maximum conducted output power:

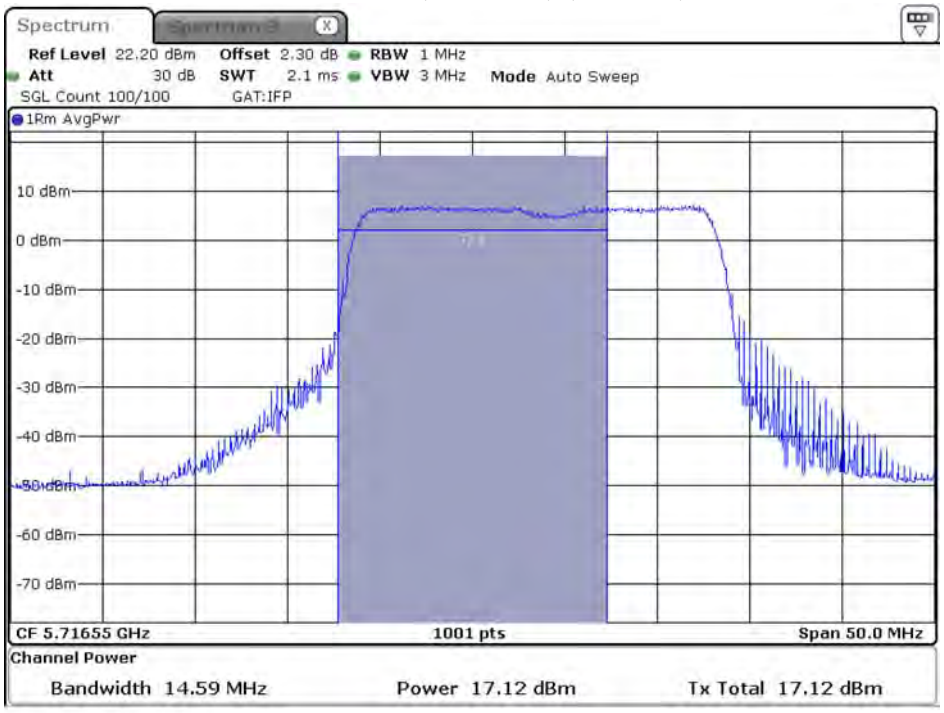
Channel 144 (U-NII-3) (Chain B)



Date: 4.SEP.2020 10:10:00

Maximum conducted output power:

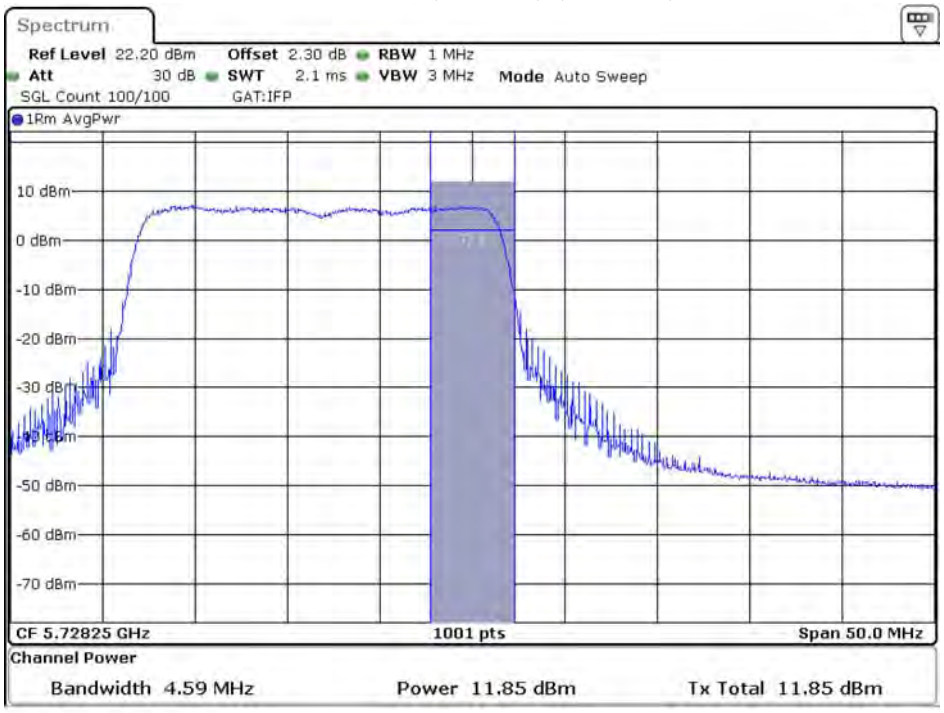
Channel 144 (U-NII-2C) (Chain C)



Date: 4.SEP.2020 10:02:12

Maximum conducted output power:

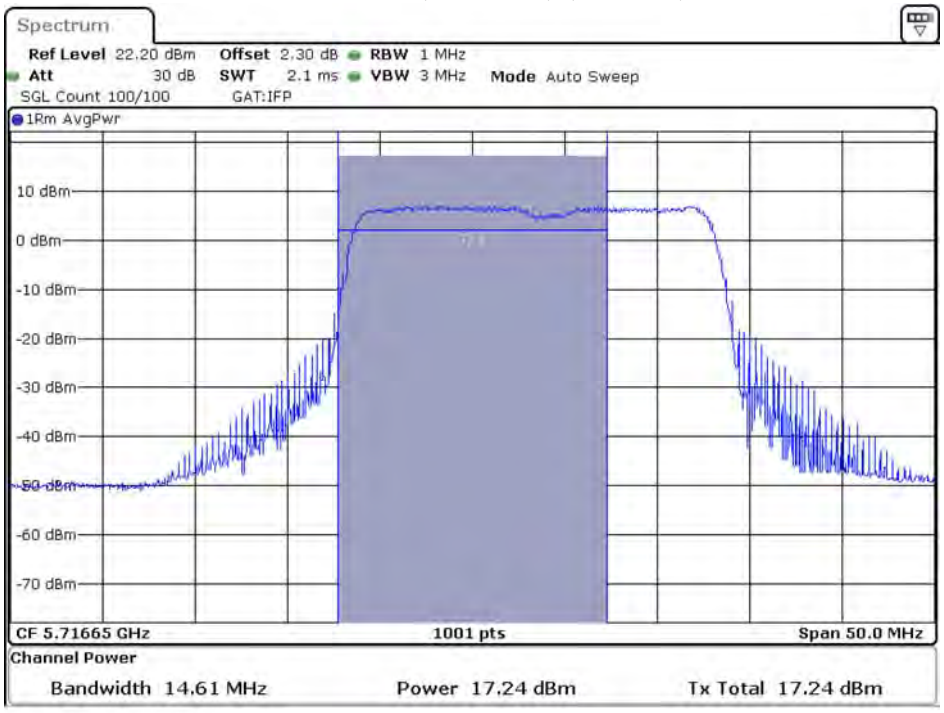
Channel 144 (U-NII-3) (Chain C)



Date: 4.SEP.2020 10:15:07

Maximum conducted output power:

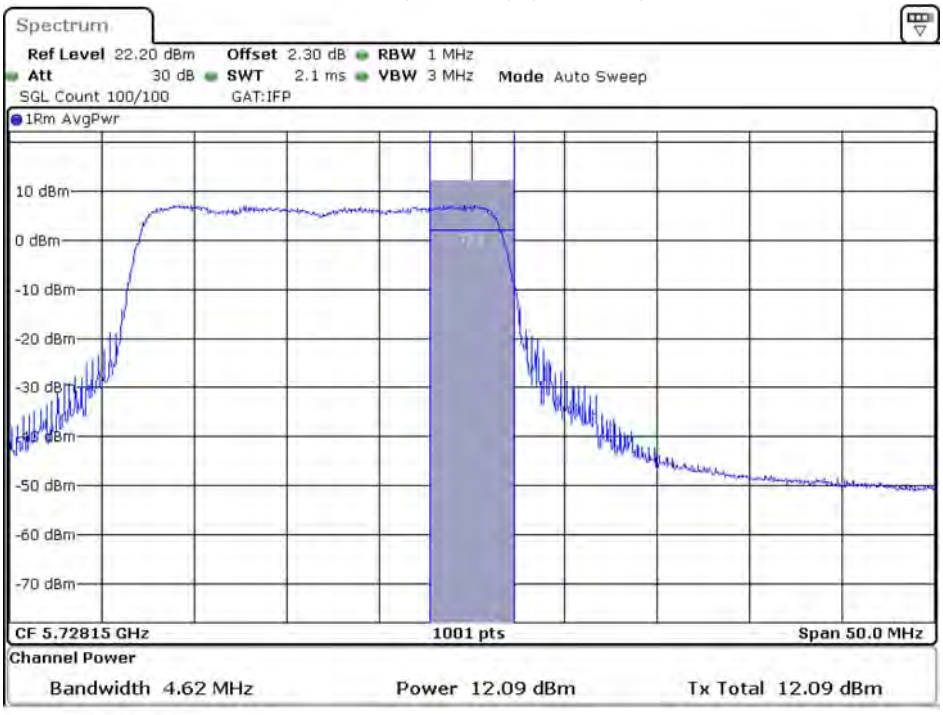
Channel 144 (U-NII-2C) (Chain D)



Date: 4.SEP.2020 10:07:01

Maximum conducted output power:

Channel 144 (U-NII-3) (Chain D)



Date: 4.SEP.2020 10:21:59

Product : LV55
Test Item : Maximum conducted output power
Test Mode : Mode 16: Transmit (802.11ax-40MBW-Beamforming)
Test Date : 2020/09/04

Chain A

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
54	5270	17.66	--	--	--	--	--	--	--	--	--	--	--
62	5310	17.98	17.92	17.86	17.82	17.76	17.70	17.66	17.62	17.55	17.51	17.47	17.41
102	5510	17.81	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.71	17.66	17.6	17.55	17.49	17.43	17.37	17.32	17.25	17.19	17.15	17.10
134	5670	17.94	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.61	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-3)	5710	7.23	--	--	--	--	--	--	--	--	--	--	--

Chain B

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
54	5270	17.97	--	--	--	--	--	--	--	--	--	--	--
62	5310	17.75	17.7	17.66	17.61	17.57	17.50	17.45	17.41	17.34	17.30	17.27	17.23
102	5510	17.65	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.66	17.61	17.57	17.51	17.45	17.41	17.36	17.30	17.25	17.22	17.15	17.11
134	5670	18.11	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.46	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-3)	5710	7.42	--	--	--	--	--	--	--	--	--	--	--

Chain C

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
54	5270	17.78	--	--	--	--	--	--	--	--	--	--	--
62	5310	17.86	17.81	17.77	17.74	17.68	17.64	17.58	17.52	17.47	17.43	17.38	17.34
102	5510	17.92	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.82	17.77	17.71	17.68	17.63	17.59	17.55	17.50	17.46	17.41	17.37	17.31
134	5670	17.66	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.51	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-3)	5710	7.05	--	--	--	--	--	--	--	--	--	--	--

Chain D

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
54	5270	17.97	--	--	--	--	--	--	--	--	--	--	--
62	5310	18.03	17.99	17.96	17.90	17.85	17.79	17.74	17.68	17.64	17.59	17.53	17.48
102	5510	17.68	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.62	17.58	17.52	17.47	17.43	17.39	17.34	17.29	17.23	17.20	17.15	17.11
134	5670	17.96	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.71	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-3)	5710	7.11	--	--	--	--	--	--	--	--	--	--	--

Maximum conducted output power Measurement:

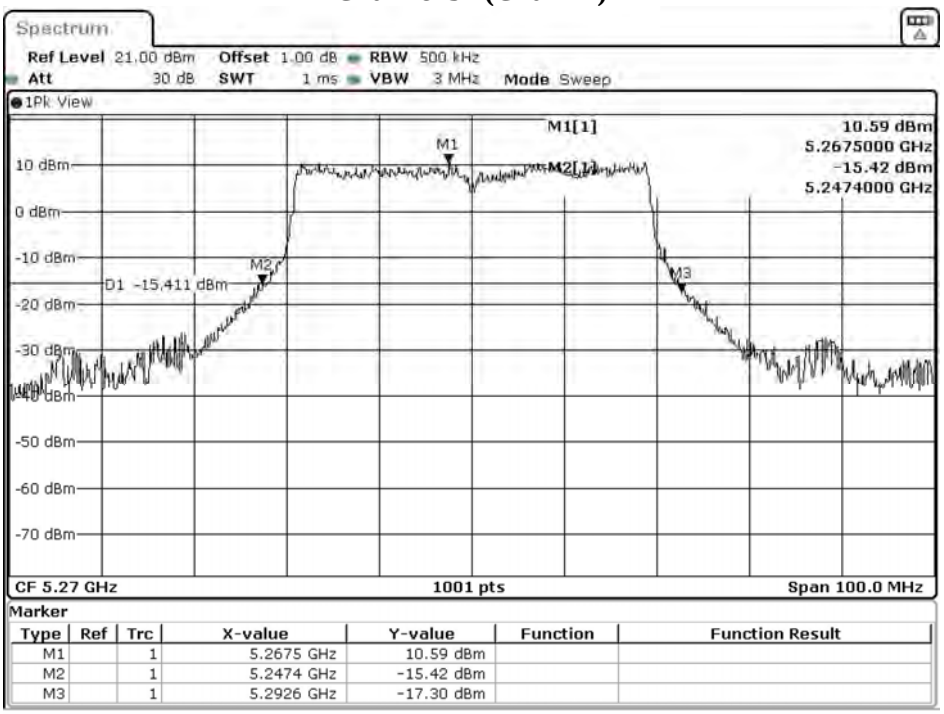
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain D Power (dBm)	Output Power (dBm)	Output Power Limit		Result
								(dBm)	dBm+10log(BW)	
54	5270	44.200	17.66	17.97	17.78	17.97	23.87	24	27.45	Pass
62	5310	43.700	17.98	17.75	17.86	18.03	23.93	24	27.40	Pass
102	5510	43.900	17.81	17.65	17.92	17.68	23.79	24	27.42	Pass
110	5550	44.300	17.71	17.66	17.82	17.62	23.72	24	27.46	Pass
134	5670	44.300	17.94	18.11	17.66	17.96	23.94	24	27.46	Pass
142(U-NII-2C)	5710	37.900	17.61	17.46	17.51	17.71	23.59	24	26.79	Pass
142(U-NII-3)	5710	--	7.23	7.42	7.05	7.11	13.23	30	--	Pass

Note:

1. Output Power Value (dBm) = 10*LOG (Chain A(mW)+ Chain B(mW)+ Chain C(mW)+ Chain D(mW))
2. 26dB Bandwidth is the bandwidth of chain A or B or C or D whichever is less bandwidth, output power limitation is more stringent.

26dB Occupied Bandwidth:

Channel 54 (Chain A)

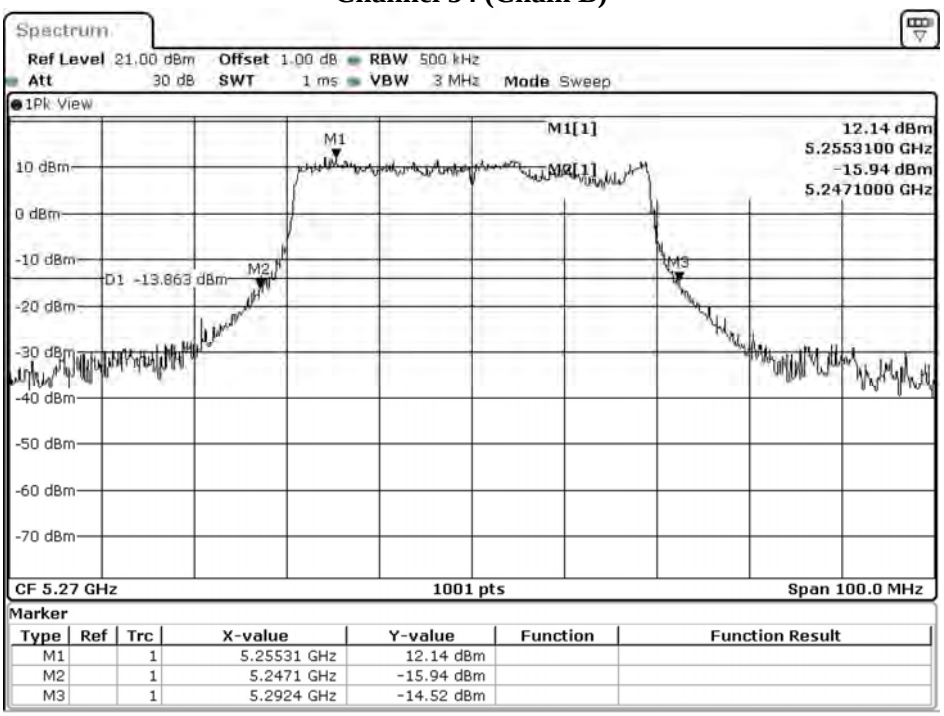


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2675 GHz	10.59 dBm		
M2		1	5.2474 GHz	-15.42 dBm		
M3		1	5.2926 GHz	-17.30 dBm		

Date: 30.JUL.2020 06:34:11

Channel 54 (Chain B)

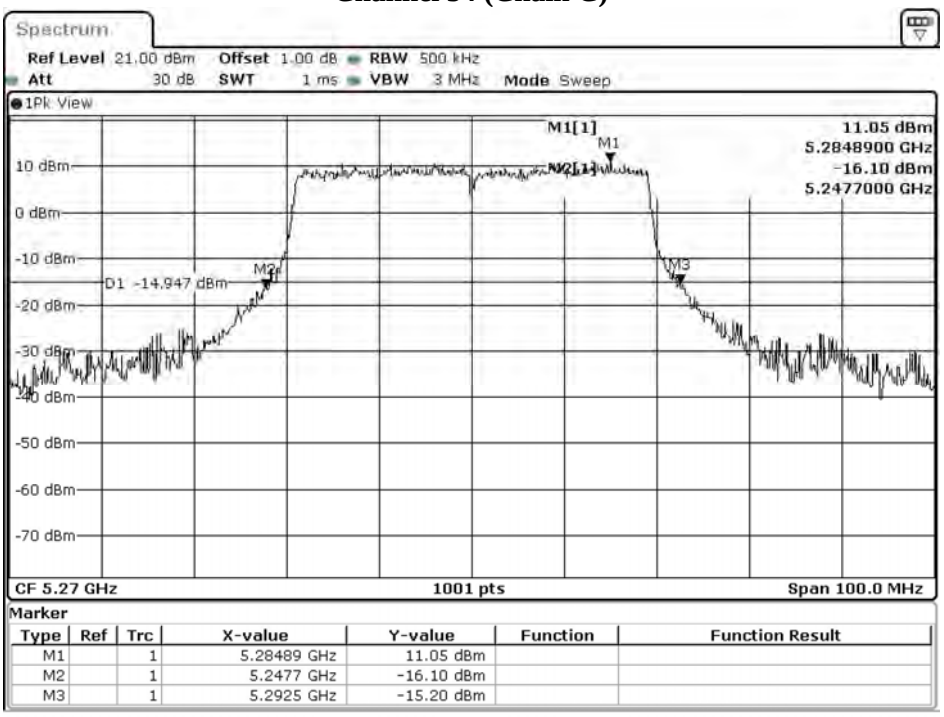


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.25531 GHz	12.14 dBm		
M2		1	5.2471 GHz	-15.94 dBm		
M3		1	5.2924 GHz	-14.52 dBm		

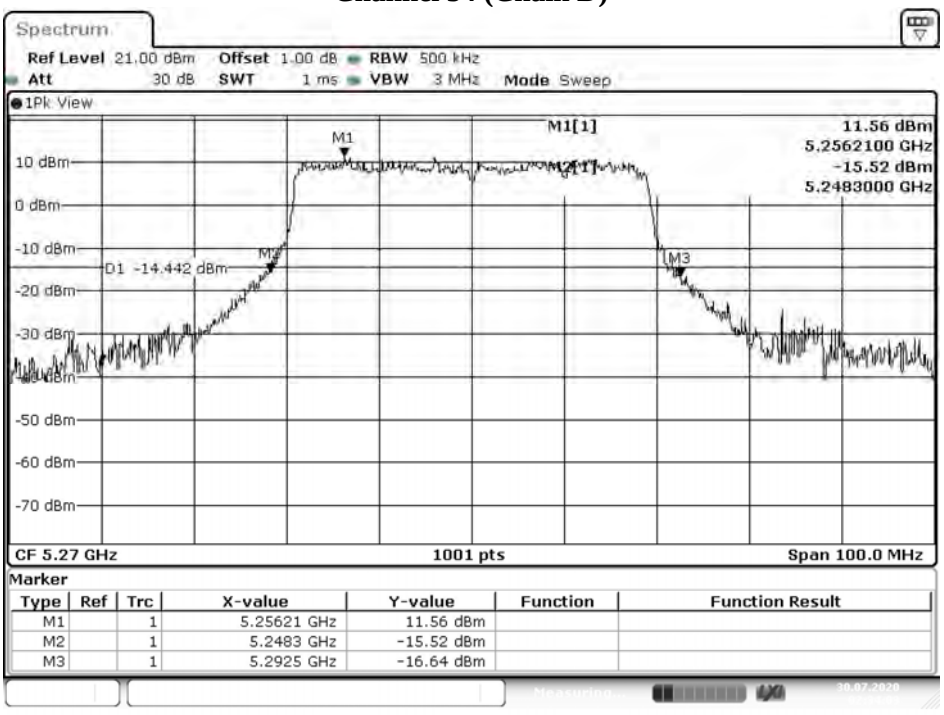
Date: 29.JUL.2020 18:36:19

Channel 54 (Chain C)



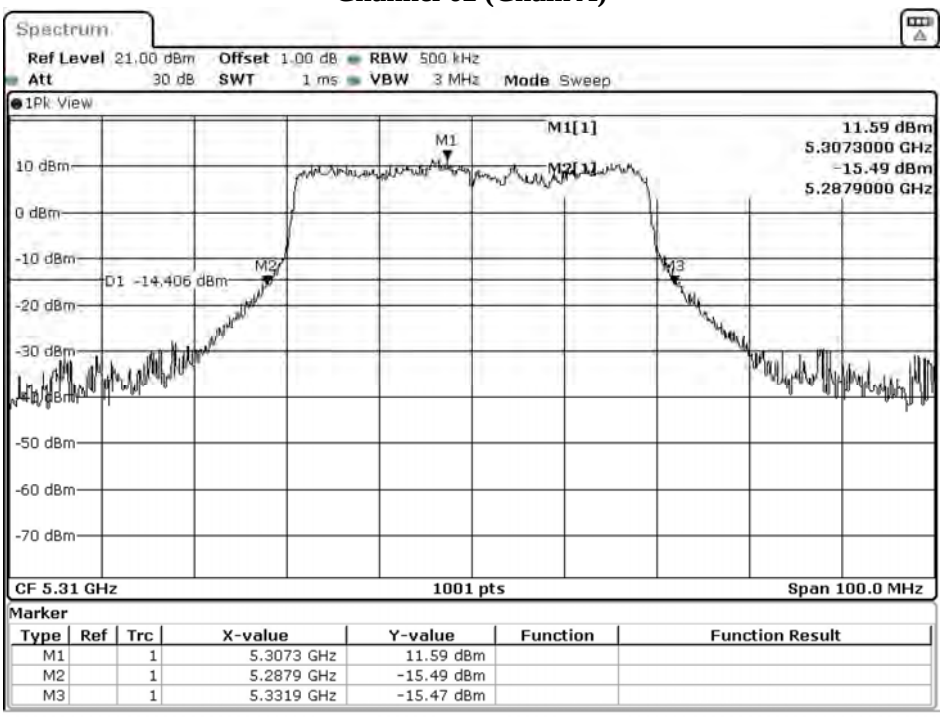
Date: 30.JUL.2020 02:30:59

Channel 54 (Chain D)



Date: 30.JUL.2020 02:34:02

Channel 62 (Chain A)

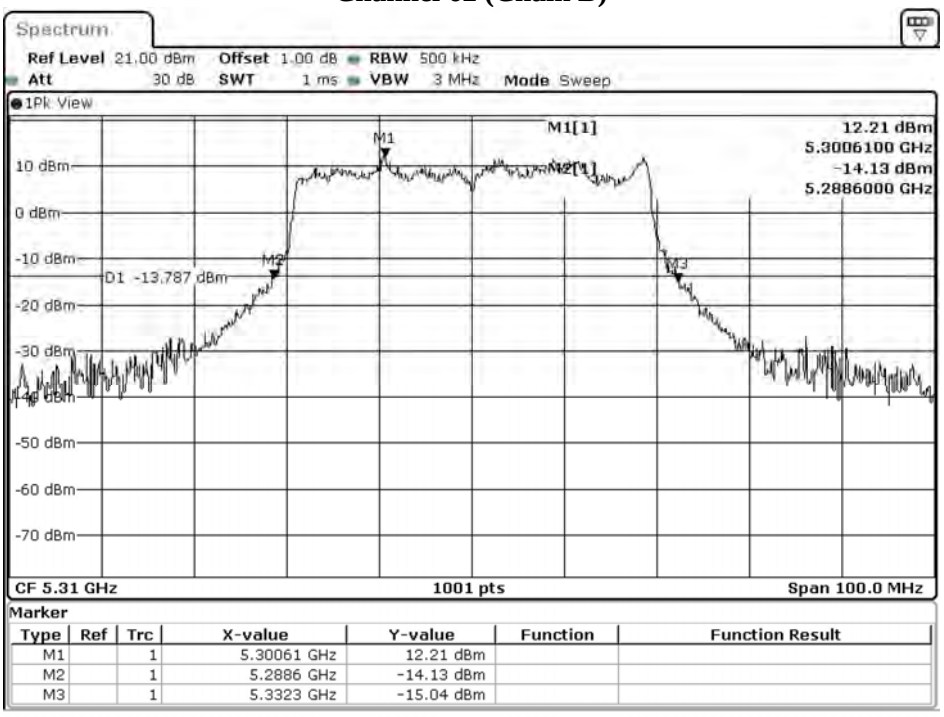


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3073 GHz	11.59 dBm		
M2		1	5.2879 GHz	-15.49 dBm		
M3		1	5.3319 GHz	-15.47 dBm		

Date: 30.JUL.2020 06:44:47

Channel 62 (Chain B)

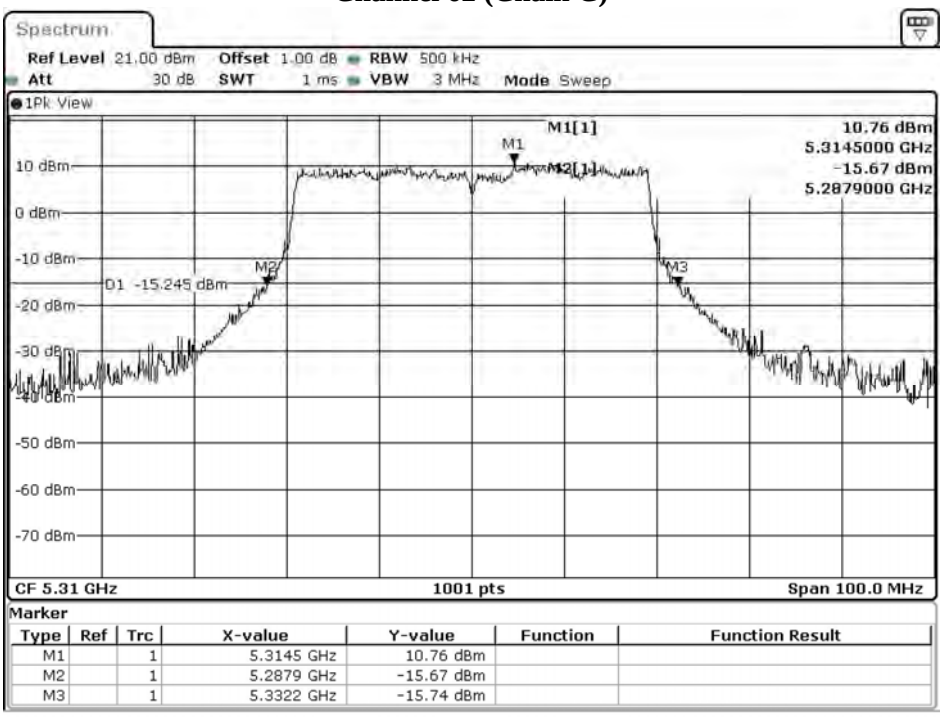


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.30061 GHz	12.21 dBm		
M2		1	5.2886 GHz	-14.13 dBm		
M3		1	5.3323 GHz	-15.04 dBm		

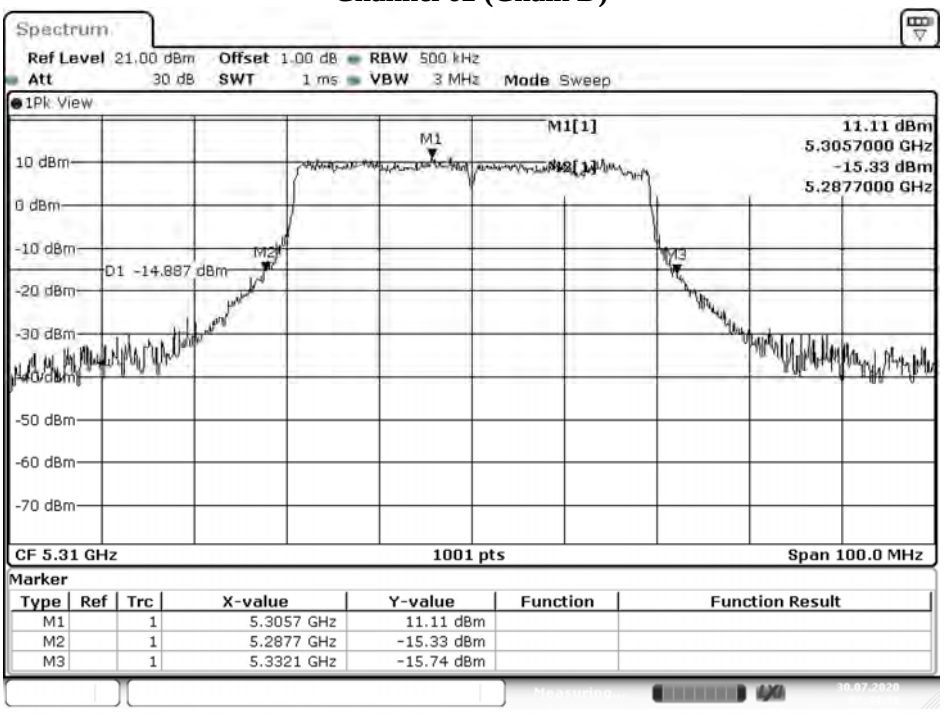
Date: 29.JUL.2020 18:46:56

Channel 62 (Chain C)



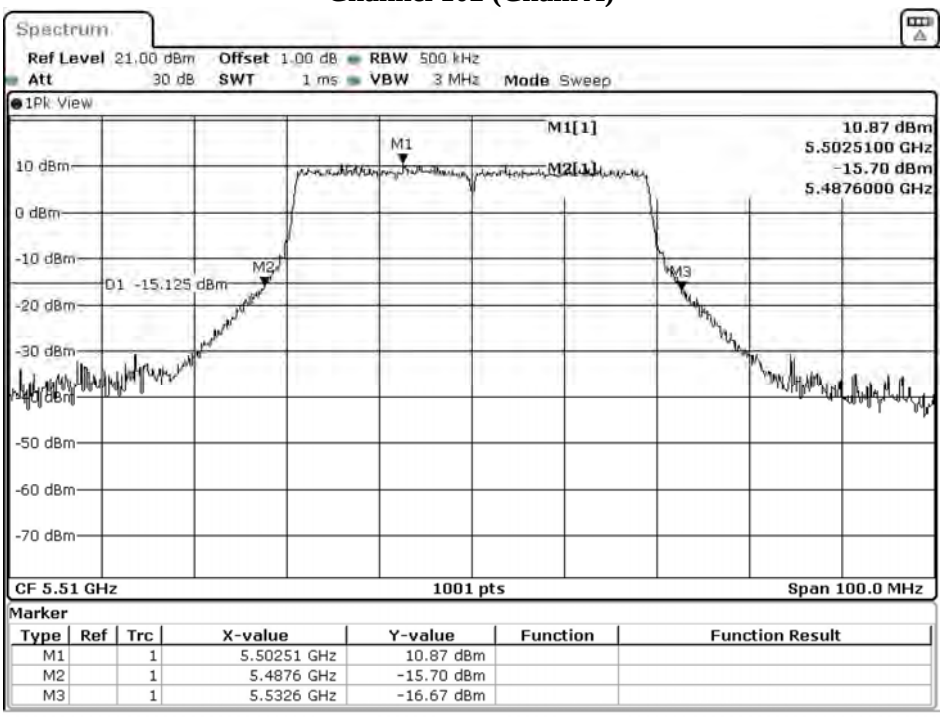
Date: 30.JUL.2020 02:41:36

Channel 62 (Chain D)



Date: 30.JUL.2020 02:44:39

Channel 102 (Chain A)

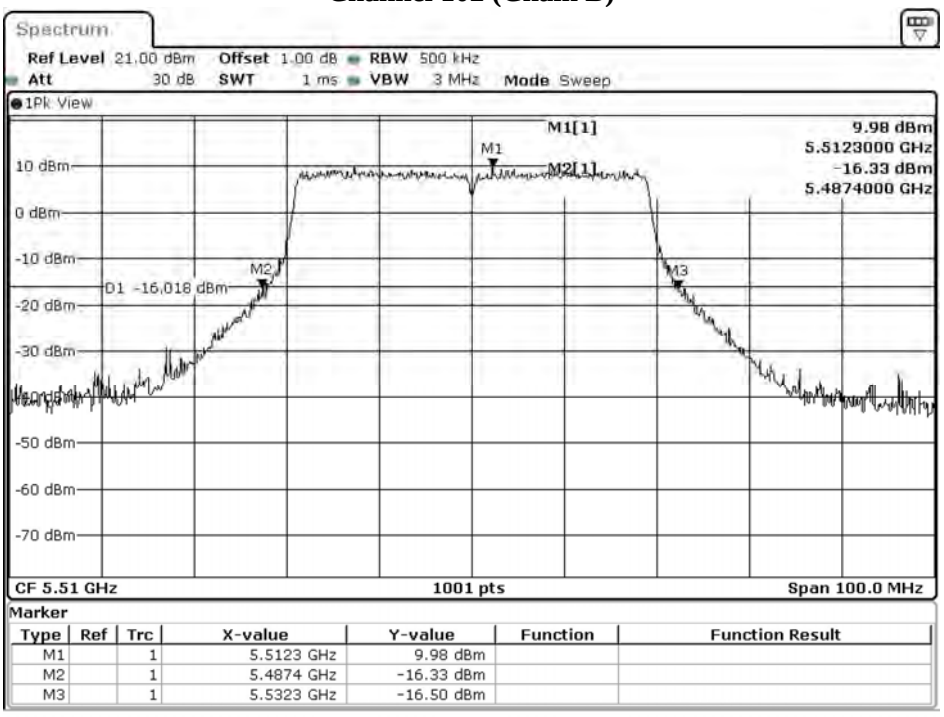


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.50251 GHz	10.87 dBm		
M2		1	5.4876 GHz	-15.70 dBm		
M3		1	5.5326 GHz	-16.67 dBm		

Date: 30.JUL.2020 06:56:34

Channel 102 (Chain B)

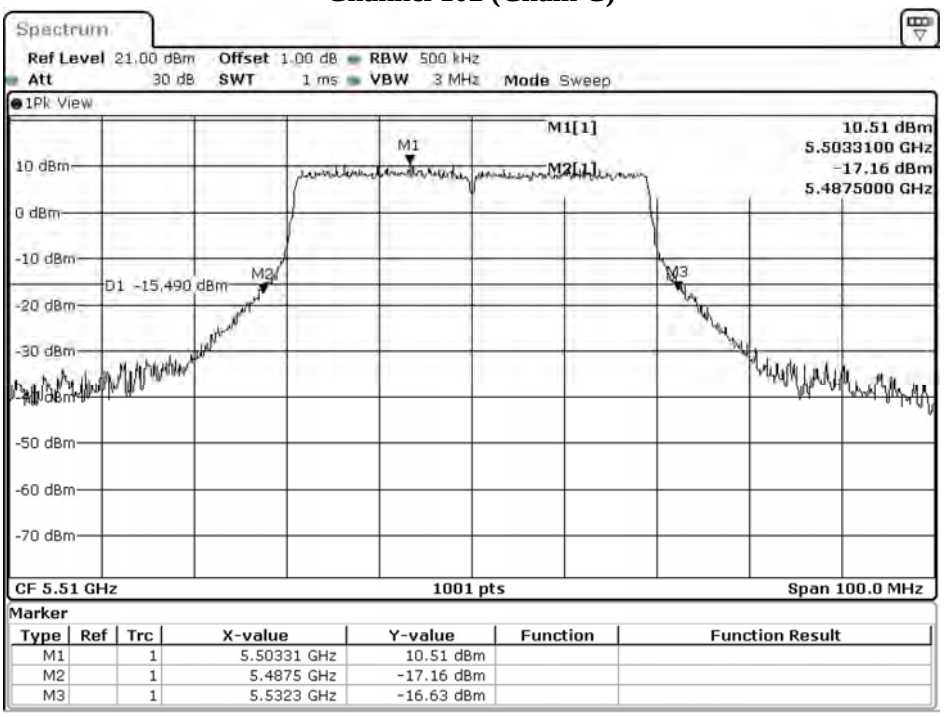


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5123 GHz	9.98 dBm		
M2		1	5.4874 GHz	-16.33 dBm		
M3		1	5.5323 GHz	-16.50 dBm		

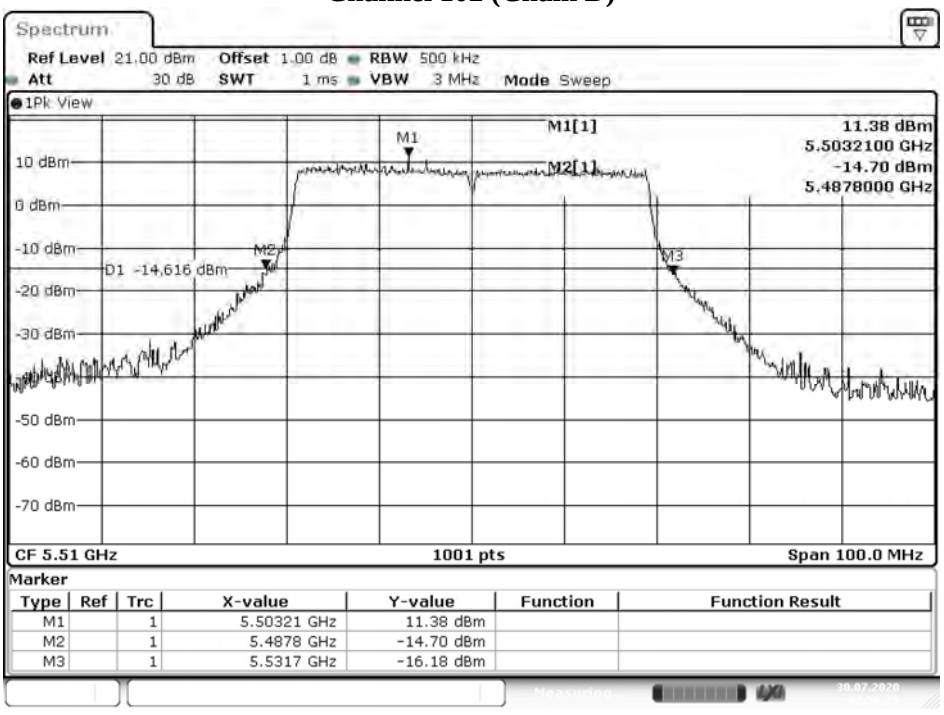
Date: 29.JUL.2020 18:58:42

Channel 102 (Chain C)



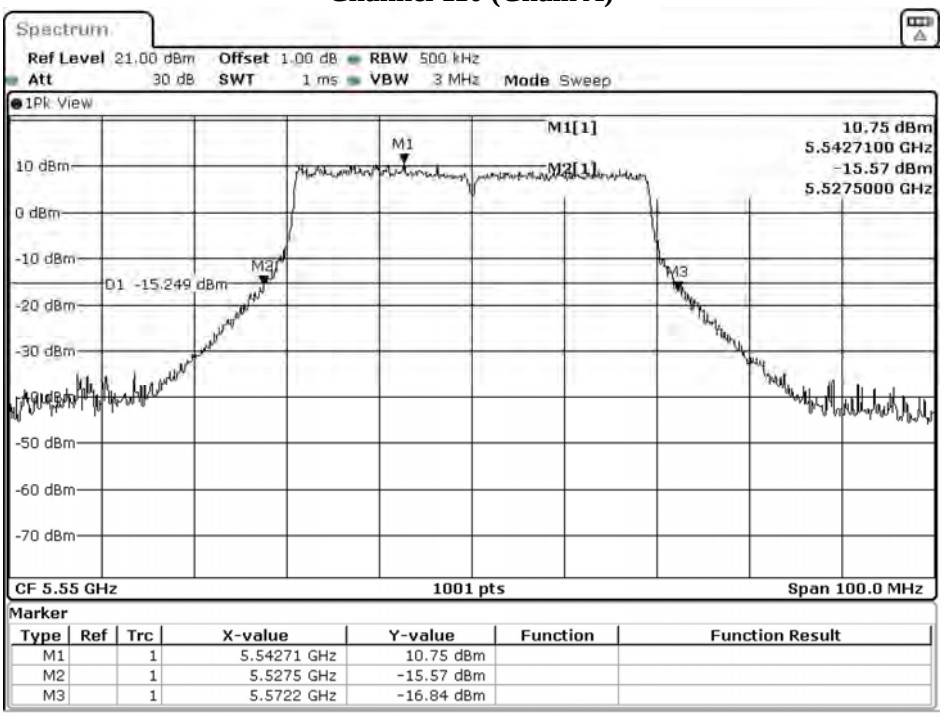
Date: 30.JUL.2020 02:53:22

Channel 102 (Chain D)



Date: 30.JUL.2020 02:56:26

Channel 110 (Chain A)

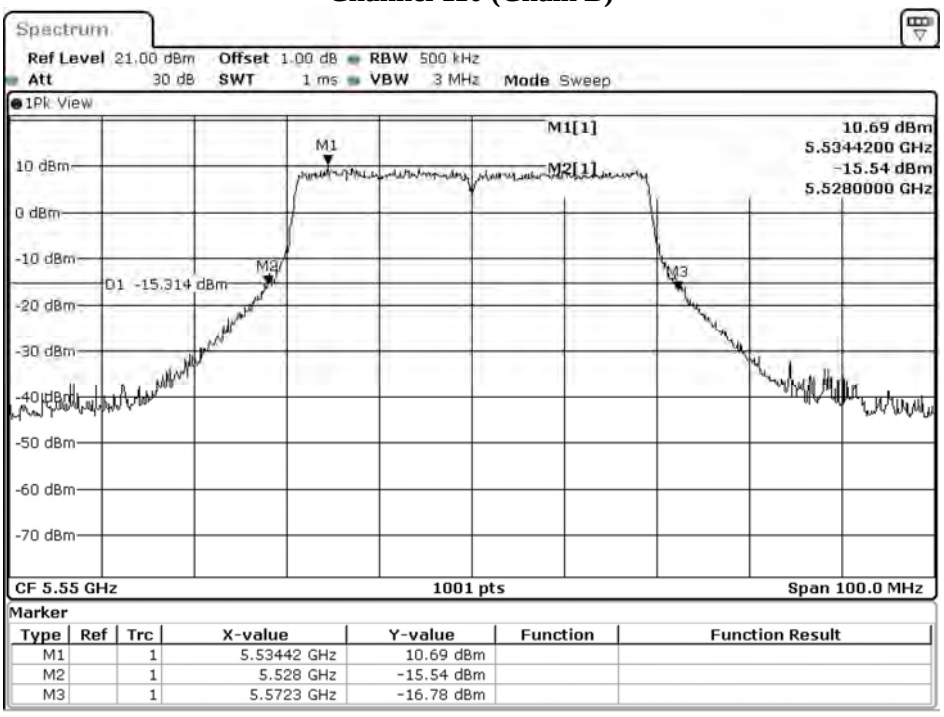


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.54271 GHz	10.75 dBm		
M2		1	5.5275 GHz	-15.57 dBm		
M3		1	5.5722 GHz	-16.84 dBm		

Date: 30.JUL.2020 07:04:17

Channel 110 (Chain B)

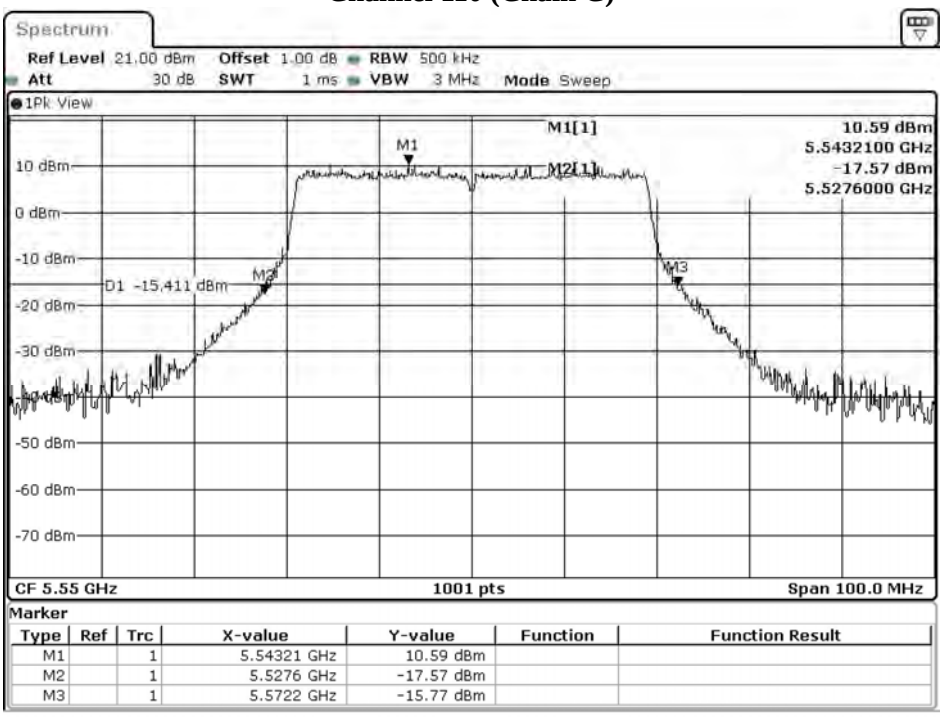


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.53442 GHz	10.69 dBm		
M2		1	5.528 GHz	-15.54 dBm		
M3		1	5.5723 GHz	-16.78 dBm		

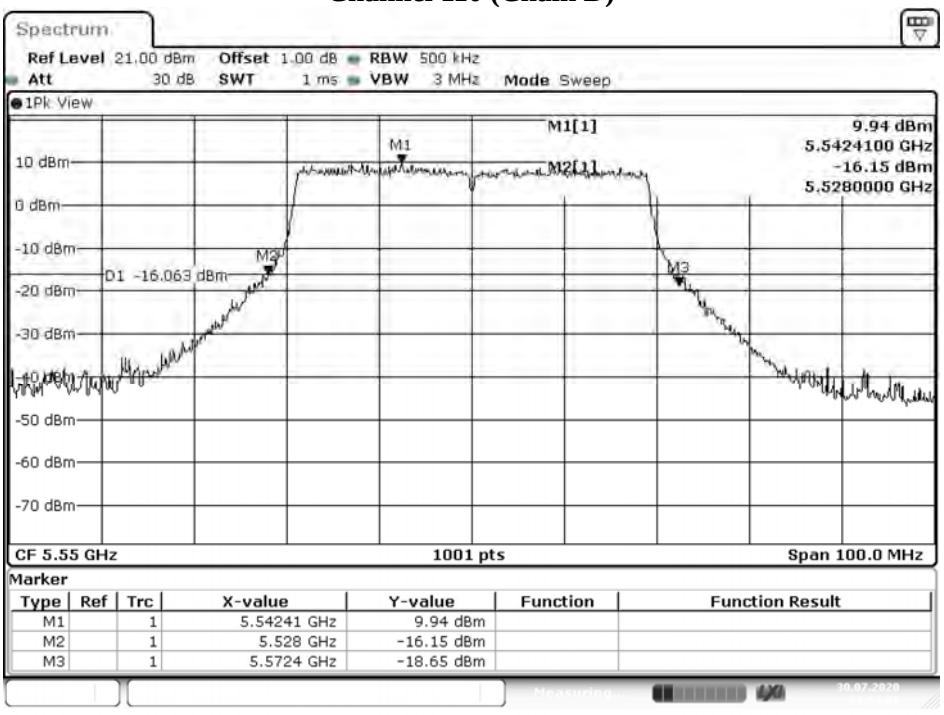
Date: 29.JUL.2020 19:06:25

Channel 110 (Chain C)



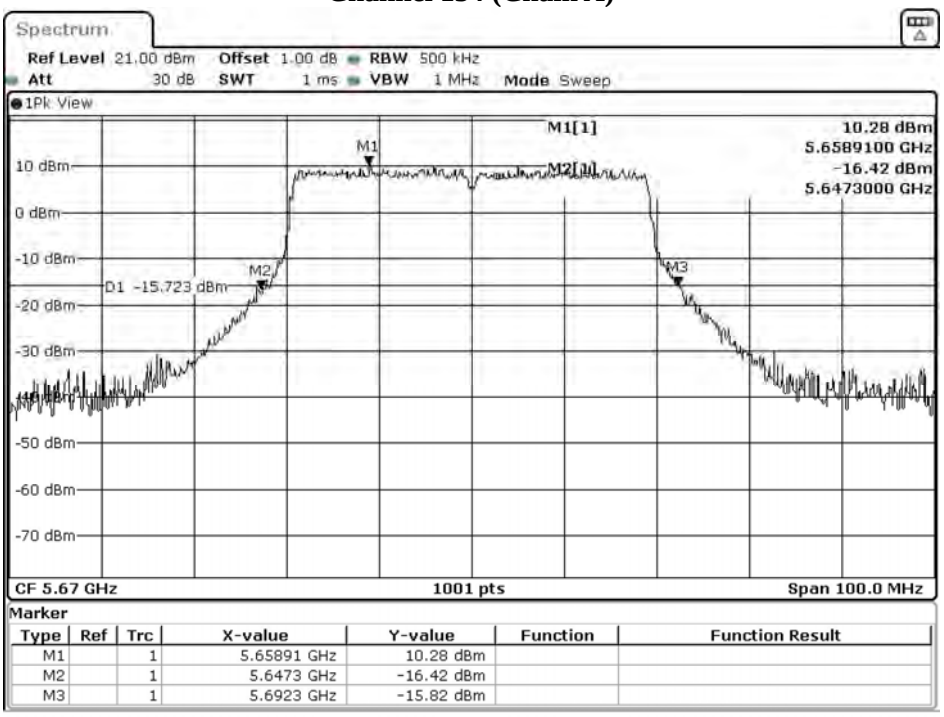
Date: 30.JUL.2020 03:01:05

Channel 110 (Chain D)



Date: 30.JUL.2020 03:04:08

Channel 134 (Chain A)

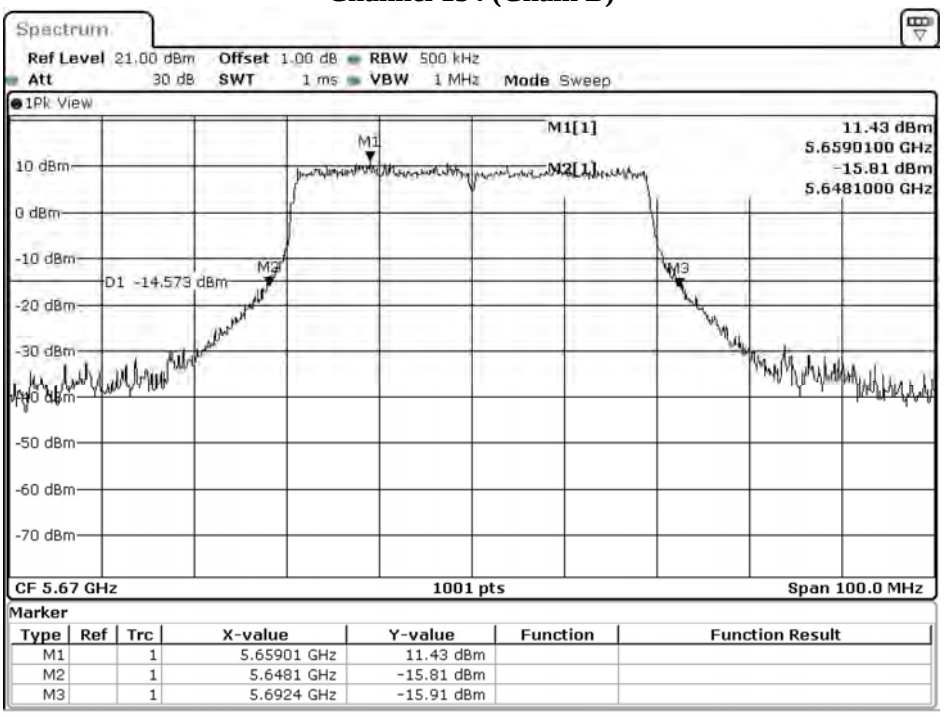


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.65891 GHz	10.28 dBm		
M2		1	5.6473 GHz	-16.42 dBm		
M3		1	5.6923 GHz	-15.82 dBm		

Date: 30.JUL.2020 07:21:57

Channel 134 (Chain B)

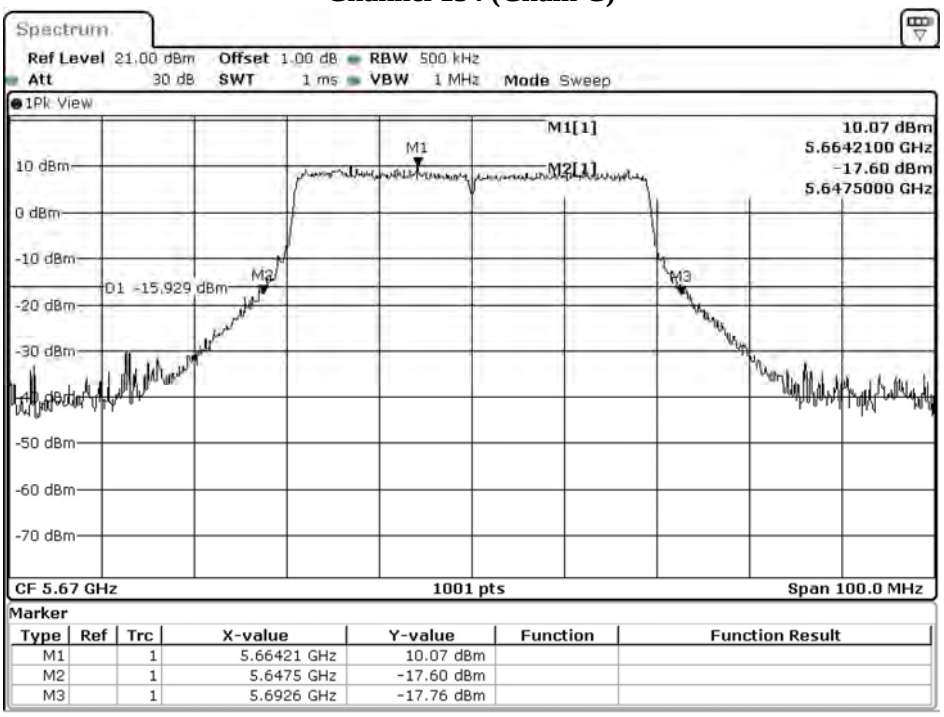


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.65901 GHz	11.43 dBm		
M2		1	5.6481 GHz	-15.81 dBm		
M3		1	5.6924 GHz	-15.91 dBm		

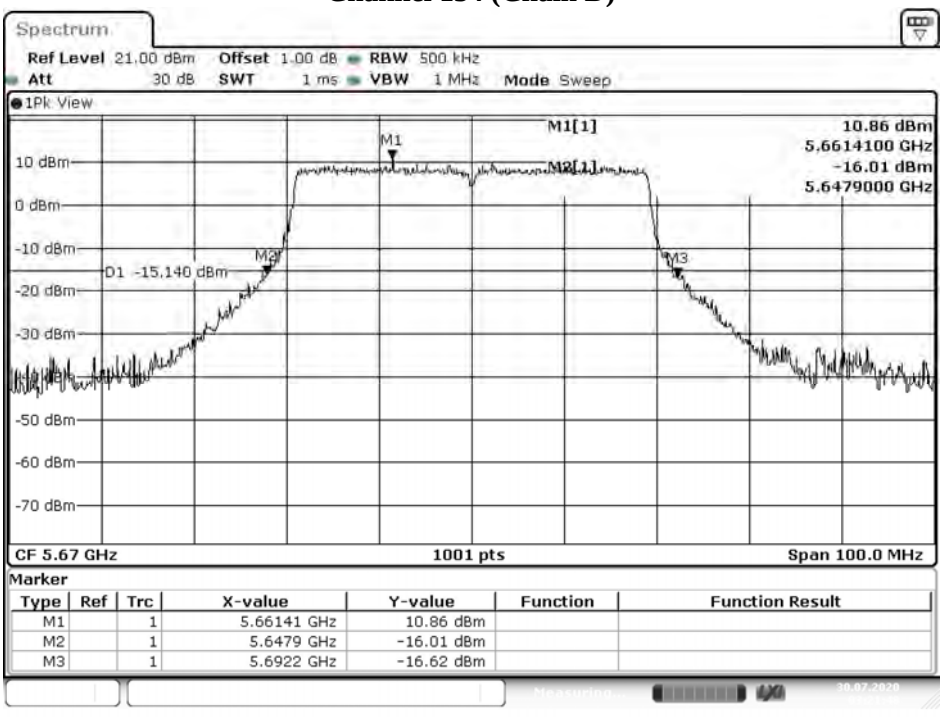
Date: 29.JUL.2020 19:24:06

Channel 134 (Chain C)



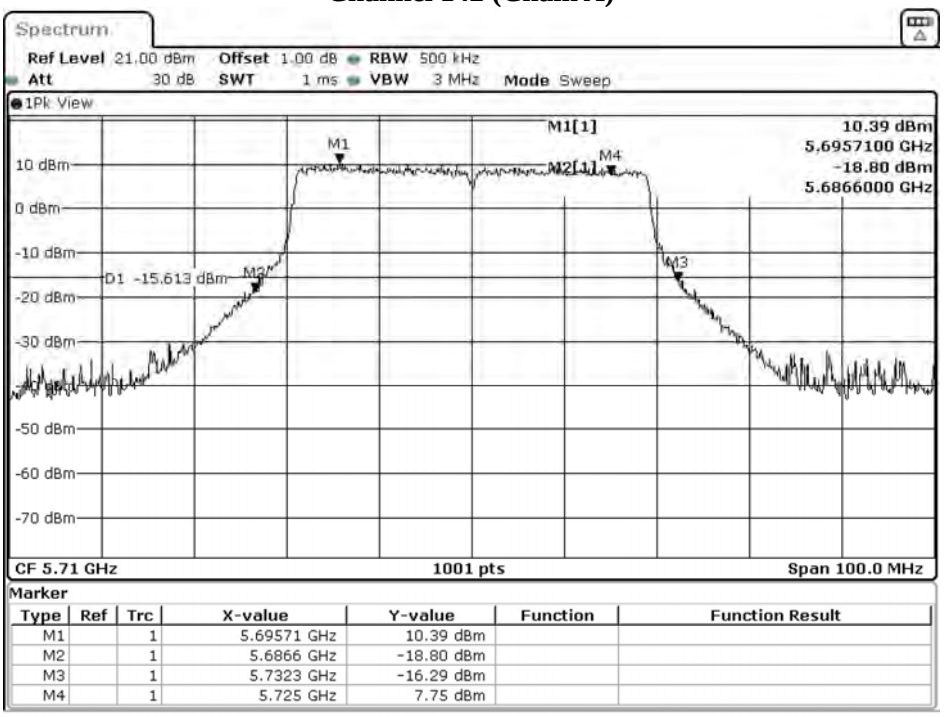
Date: 30.JUL.2020 03:18:45

Channel 134 (Chain D)



Date: 30.JUL.2020 03:21:49

Channel 142 (Chain A)

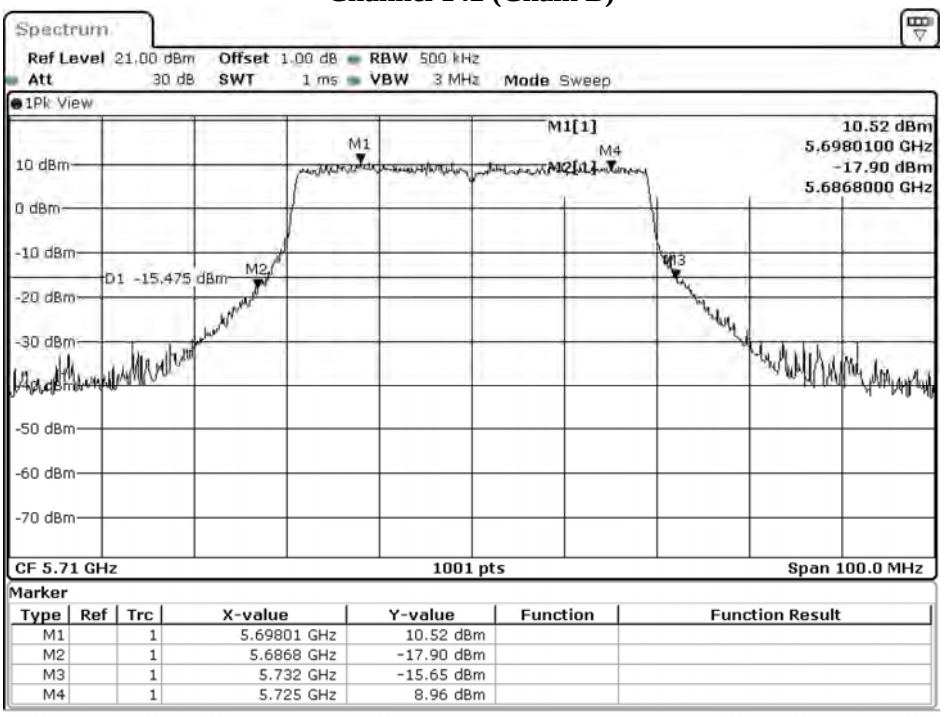


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.69571 GHz	10.39 dBm		
M2		1	5.6866 GHz	-18.80 dBm		
M3		1	5.7323 GHz	-16.29 dBm		
M4		1	5.725 GHz	7.75 dBm		

Date: 30.JUL.2020 05:03:17

Channel 142 (Chain B)

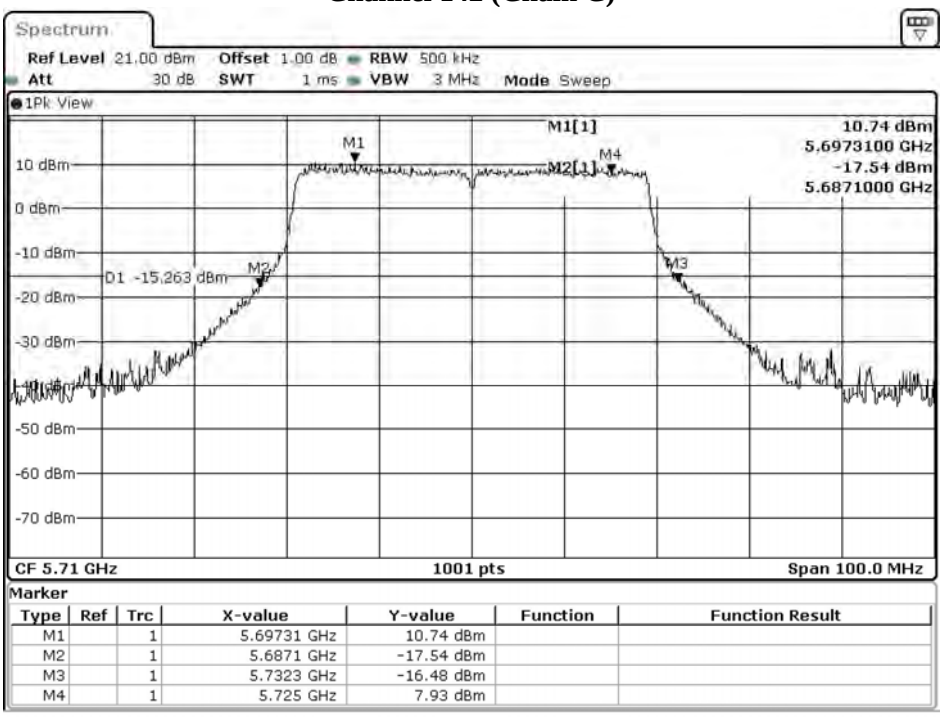


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.69801 GHz	10.52 dBm		
M2		1	5.6868 GHz	-17.90 dBm		
M3		1	5.732 GHz	-15.65 dBm		
M4		1	5.725 GHz	8.96 dBm		

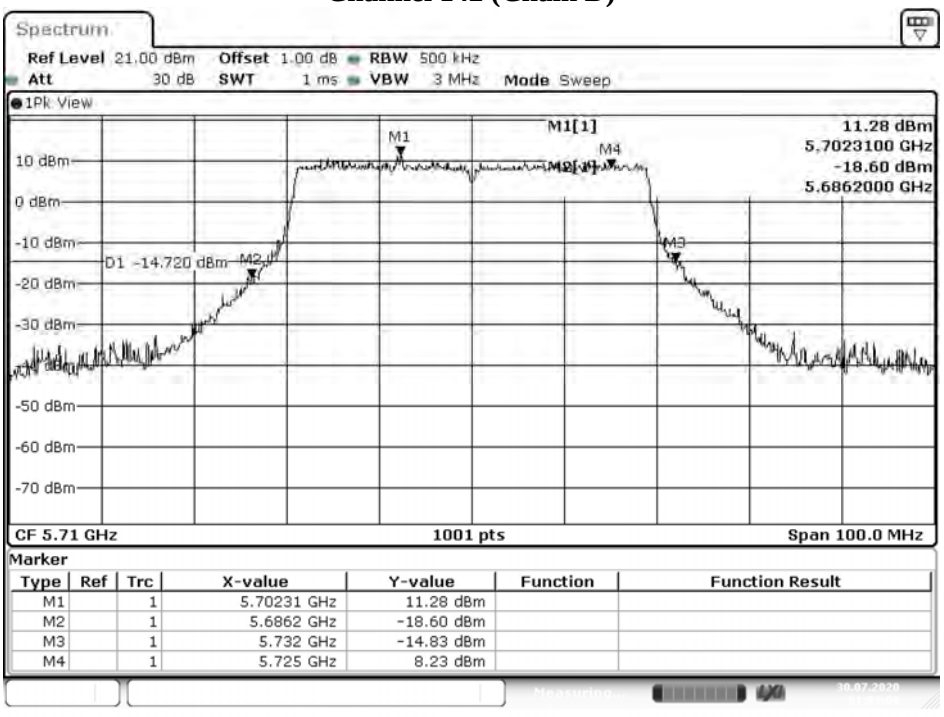
Date: 29.JUL.2020 17:05:26

Channel 142 (Chain C)



Date: 30.JUL.2020 01:00:05

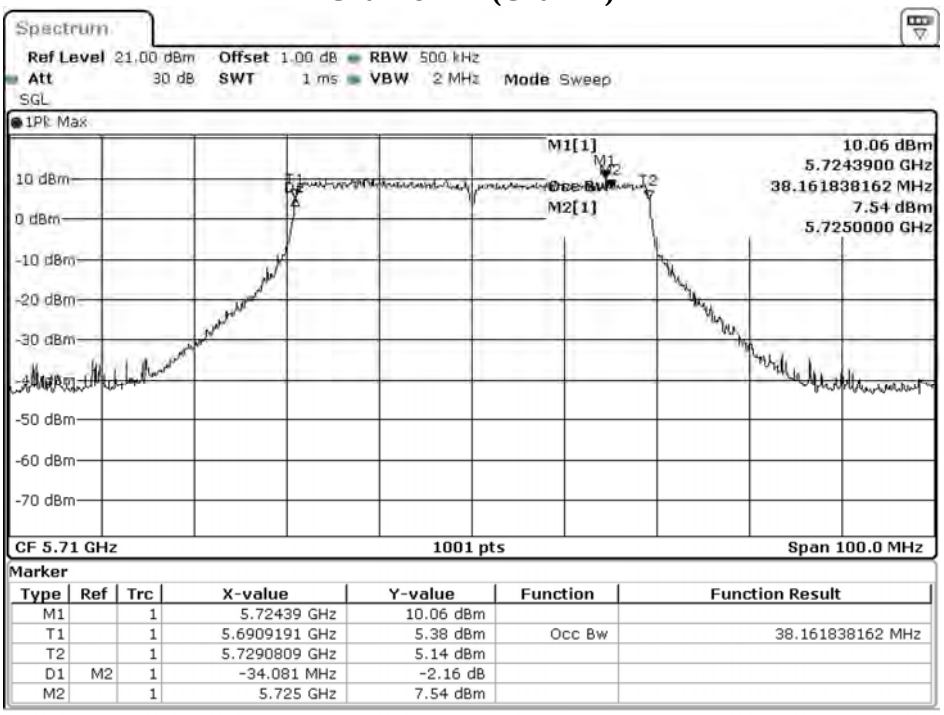
Channel 142 (Chain D)



Date: 30.JUL.2020 01:03:09

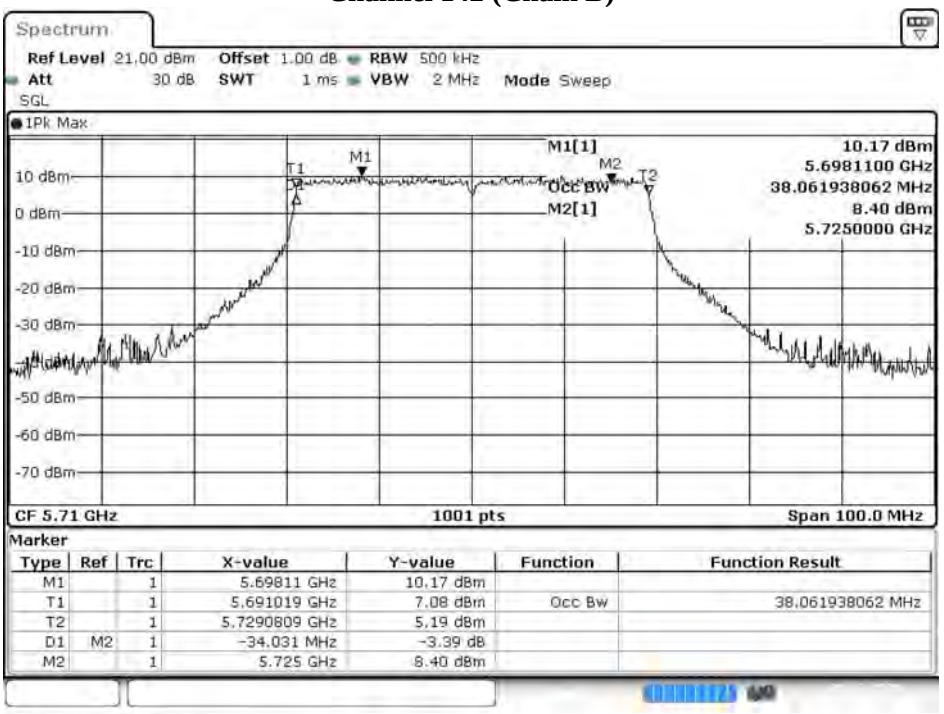
99% Occupied Bandwidth:

Channel 142 (Chain A)



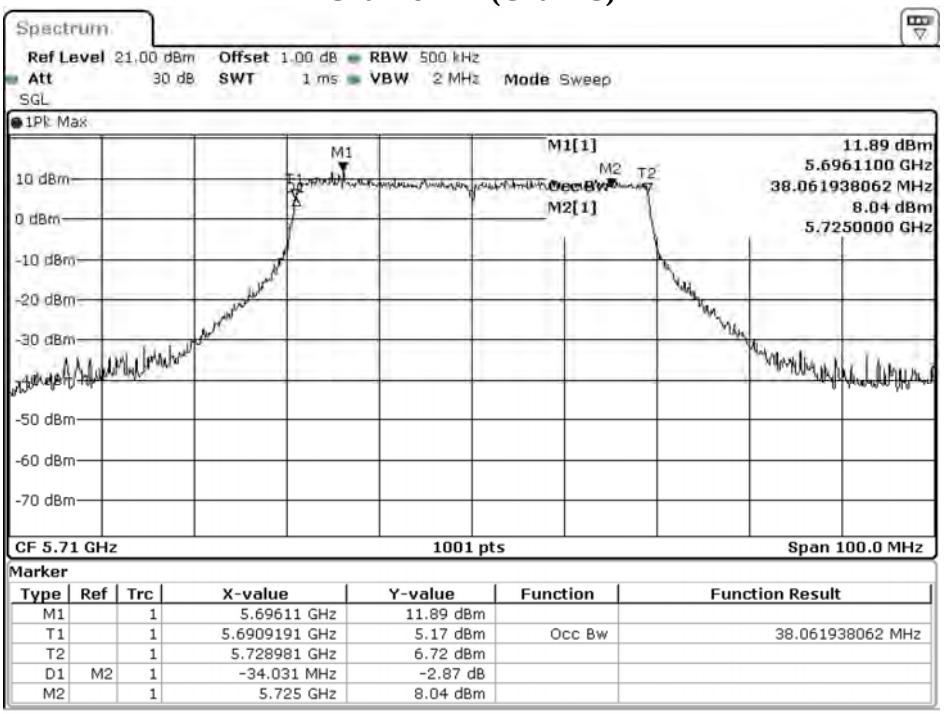
Date: 13.AUG.2020 06:01:39

Channel 142 (Chain B)



Date: 12.AUG.2020 18:03:45

Channel 142 (Chain C)

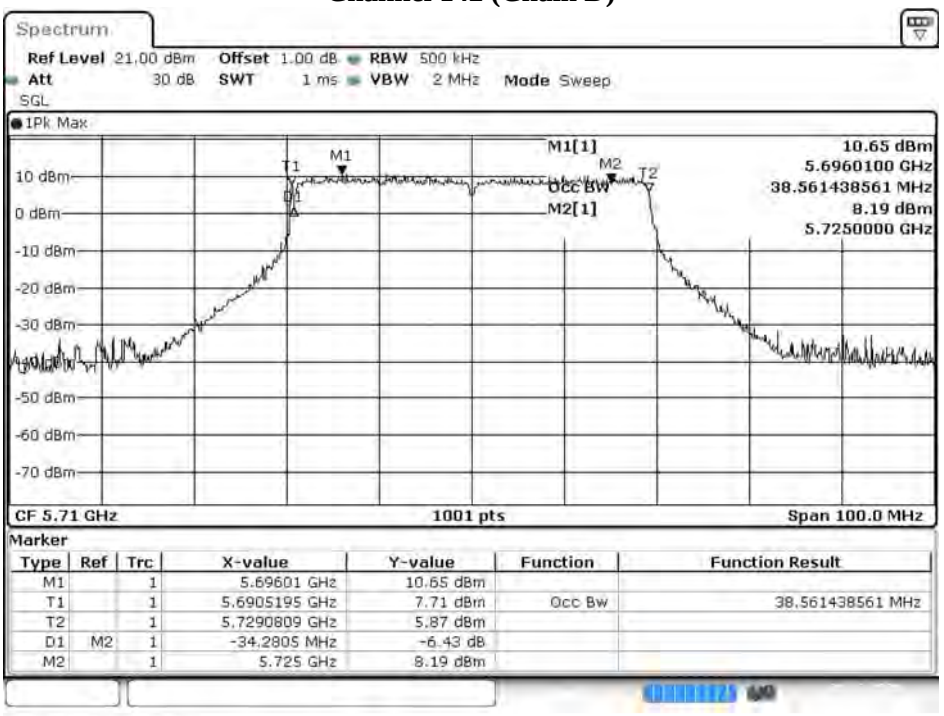


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.69611 GHz	11.89 dBm		
T1		1	5.6909191 GHz	5.17 dBm	Occ Bw	38.061938062 MHz
T2		1	5.728981 GHz	6.72 dBm		
D1	M2	1	-34.031 MHz	-2.87 dB		
M2		1	5.725 GHz	8.04 dBm		

Date: 13.AUG.2020 06:05:59

Channel 142 (Chain D)



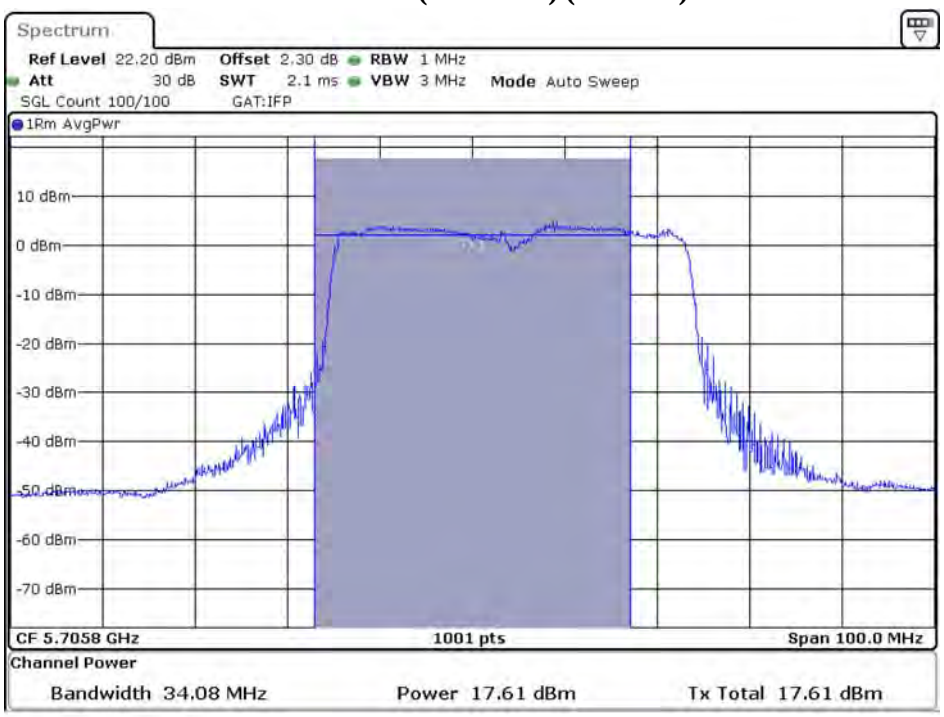
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.69601 GHz	10.65 dBm		
T1		1	5.6905195 GHz	7.71 dBm	Occ Bw	38.561438561 MHz
T2		1	5.7290809 GHz	5.87 dBm		
D1	M2	1	-34.2805 MHz	-6.43 dB		
M2		1	5.725 GHz	8.19 dBm		

Date: 12.AUG.2020 18:08:07

Maximum conducted output power:

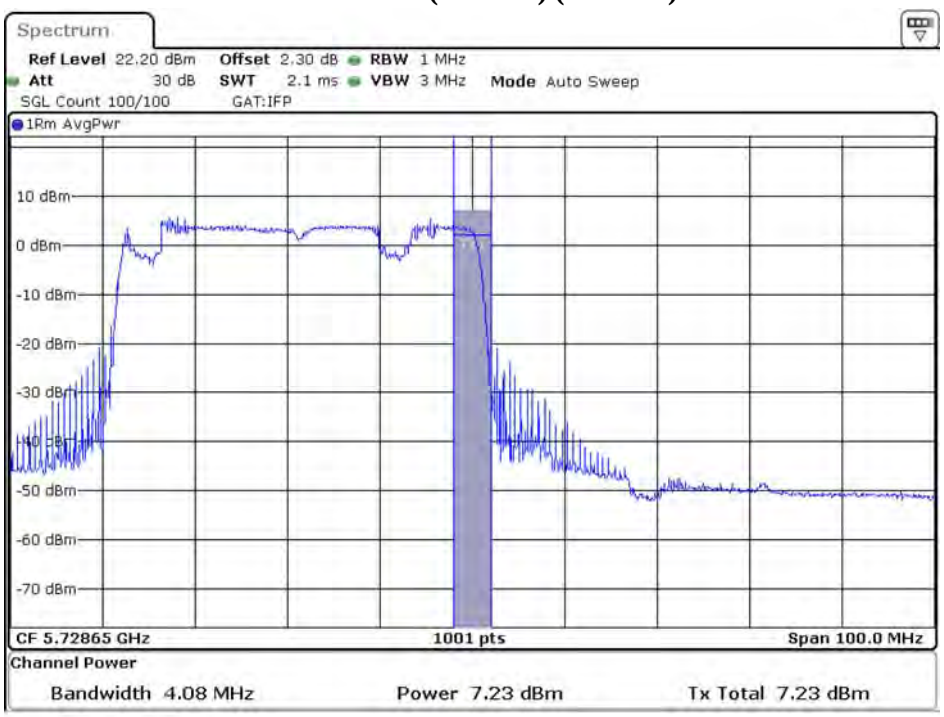
Channel 142 (U-NII-2C) (Chain A)



Date: 4.SEP.2020 11:25:49

Maximum conducted output power:

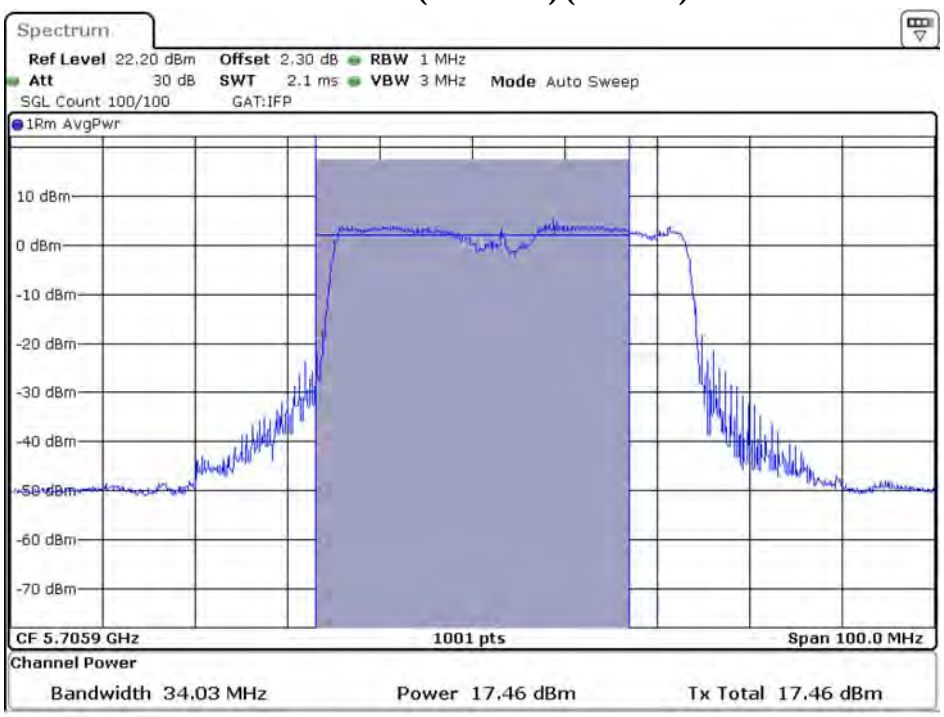
Channel 142 (U-NII-3) (Chain A)



Date: 4.SEP.2020 11:29:43

Maximum conducted output power:

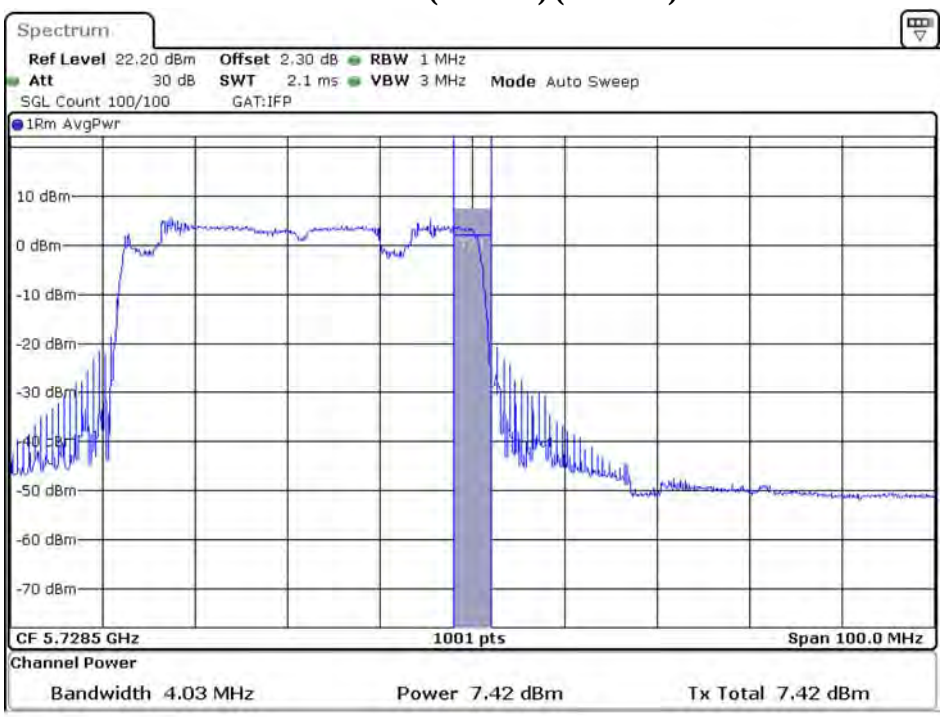
Channel 142 (U-NII-2C) (Chain B)



Date: 4.SEP.2020 11:23:30

Maximum conducted output power:

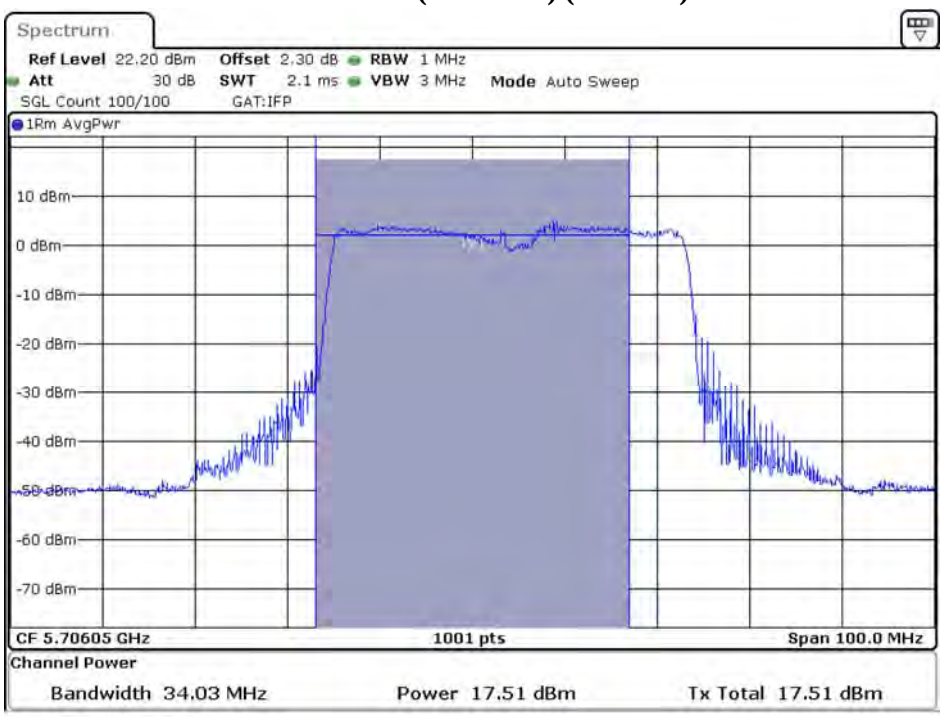
Channel 142 (U-NII-3) (Chain B)



Date: 4.SEP.2020 11:31:16

Maximum conducted output power:

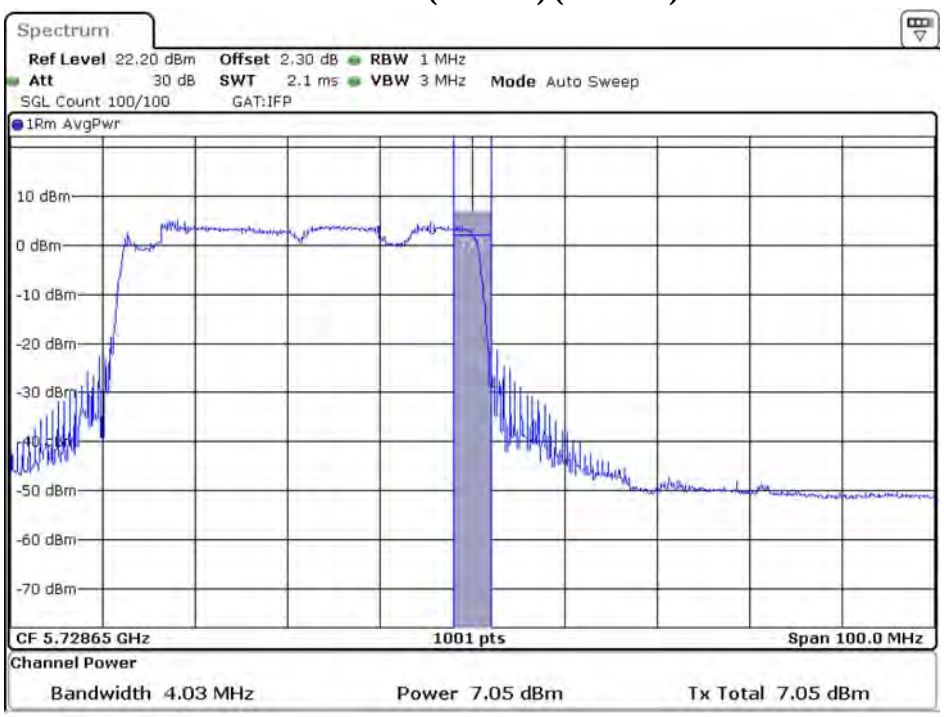
Channel 142 (U-NII-2C) (Chain C)



Date: 4.SEP.2020 11:26:47

Maximum conducted output power:

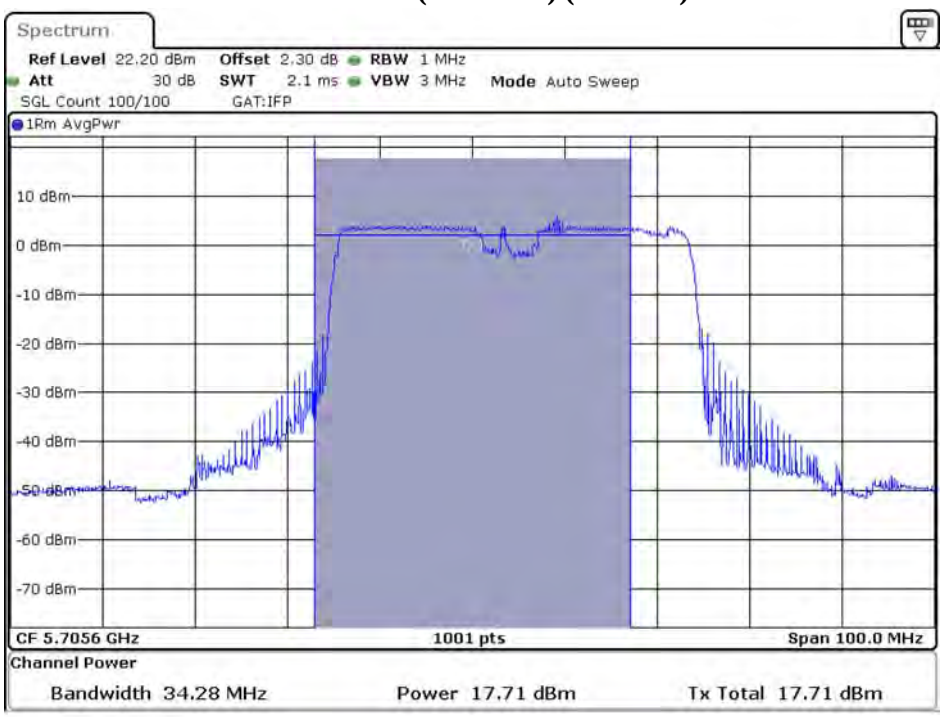
Channel 142 (U-NII-3) (Chain C)



Date: 4.SEP.2020 11:32:56

Maximum conducted output power:

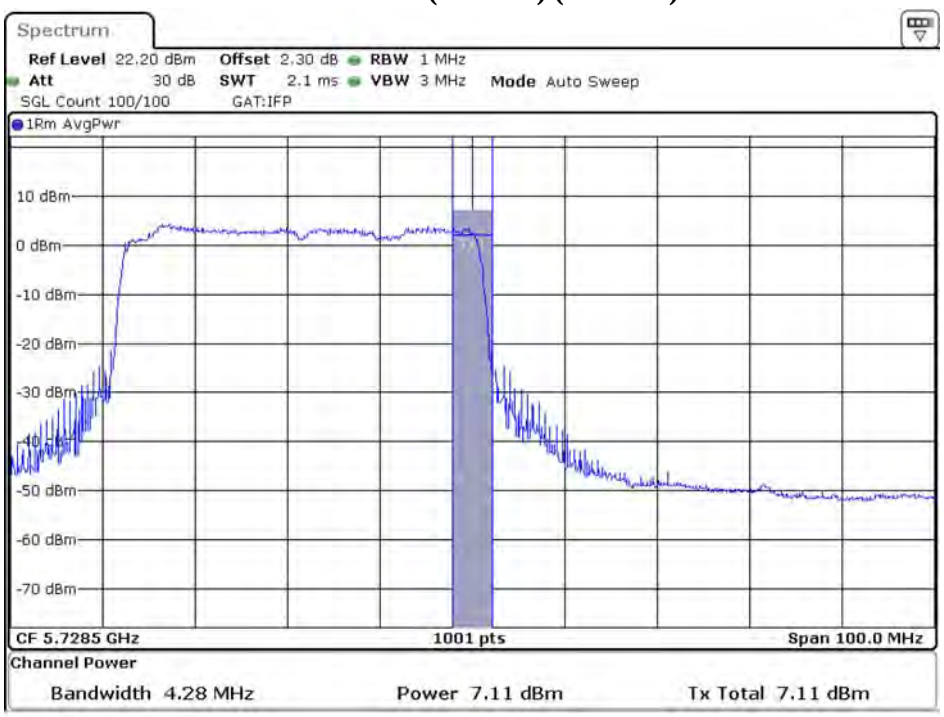
Channel 142 (U-NII-2C) (Chain D)



Date: 4.SEP.2020 11:27:52

Maximum conducted output power:

Channel 142 (U-NII-3) (Chain D)



Date: 4.SEP.2020 11:33:33

Product : LV55
Test Item : Maximum conducted output power
Test Mode : Mode 17: Transmit (802.11ax-80MBW-Beamforming)
Test Date : 2020/09/04

Chain A

Cable loss=1.0dB		Maximum conducted output power											
Channel No	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
58	5290	17.78	17.74	17.68	17.64	17.58	17.53	17.46	17.39	17.36	17.30	17.24	17.19
106	5530	17.75	--	--	--	--	--	--	--	--	--	--	--
122	5610	17.75	17.69	17.65	17.61	17.57	17.54	17.49	17.44	17.40	17.37	17.32	17.28
138 (U-NII-2C)	5690	17.52	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	5.05	--	--	--	--	--	--	--	--	--	--	--

Chain B

Cable loss=1.0dB		Maximum conducted output power											
Channel No	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
58	5290	18.07	18.01	17.95	17.89	17.84	17.78	17.72	17.66	17.60	17.57	17.53	17.48
106	5530	17.78	--	--	--	--	--	--	--	--	--	--	--
122	5610	17.92	17.88	17.83	17.79	17.75	17.71	17.64	17.58	17.52	17.47	17.42	17.39
138 (U-NII-2C)	5690	17.49	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	5.36	--	--	--	--	--	--	--	--	--	--	--

Chain C

Cable loss=1.0dB		Maximum conducted output power											
Channel No	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
58	5290	17.92	17.87	17.81	17.76	17.72	17.68	17.62	17.58	17.52	17.48	17.43	17.37
106	5530	17.67	--	--	--	--	--	--	--	--	--	--	--
122	5610	17.31	17.25	17.19	17.14	17.10	17.06	17.03	16.98	16.94	16.89	16.83	16.79
138 (U-NII-2C)	5690	17.61	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	5.17	--	--	--	--	--	--	--	--	--	--	--

Chain D

Cable loss=1.0dB		Maximum conducted output power											
Channel No	Frequency (MHz)	For different Data Rate (MCS index)											
		0	1	2	3	4	5	6	7	8	9	10	11
58	5290	17.88	17.82	17.78	17.72	17.67	17.62	17.59	17.54	17.49	17.43	17.38	17.32
106	5530	17.58	--	--	--	--	--	--	--	--	--	--	--
122	5610	17.52	17.49	17.45	17.42	17.36	17.30	17.25	17.20	17.16	17.10	17.05	17.00
138 (U-NII-2C)	5690	17.14	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	5.45	--	--	--	--	--	--	--	--	--	--	--

Maximum conducted output power Measurement

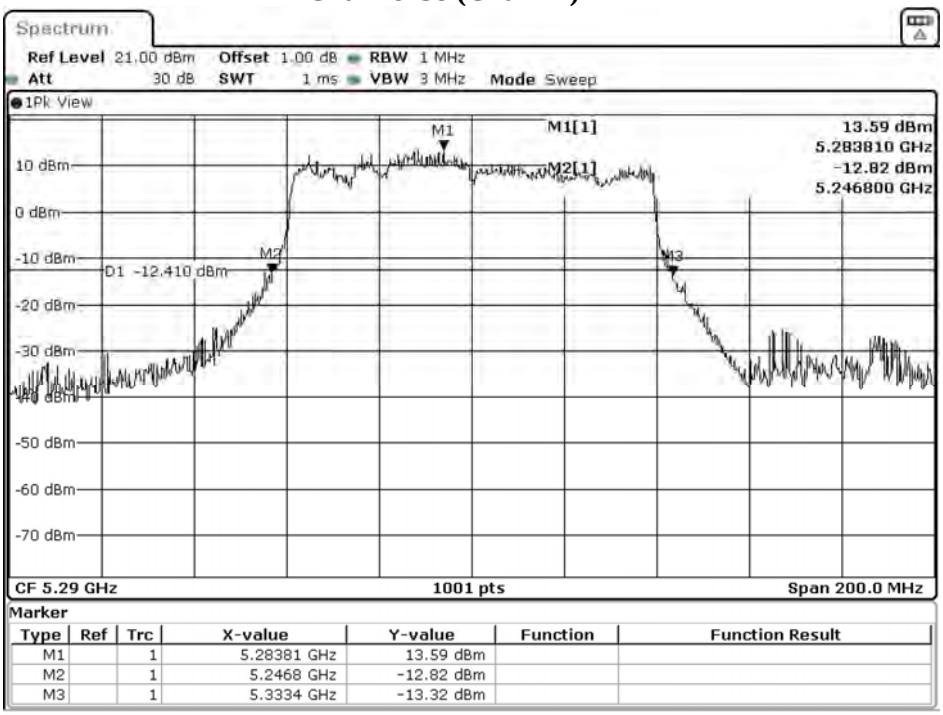
Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain D Power (dBm)	Output Power (dBm)	Output Power Limit		Result
								(dBm)	dBm+10log(BW)	
58	5290	84.800	17.78	18.07	17.92	17.88	23.93	24	30.28	Pass
106	5530	85.600	17.75	17.78	17.67	17.58	23.72	24	30.32	Pass
122	5610	84.000	17.75	17.92	17.31	17.52	23.65	24	30.24	Pass
138 (U-NII-2C)	5690	77.200	17.52	17.49	17.61	17.14	23.46	24	29.88	Pass
138 (U-NII-3)	5690	--	5.05	5.36	5.17	5.45	11.28	30	--	Pass

Note:

1. Output Power Value (dBm) = 10*LOG (Chain A(mW)+ Chain B(mW)+ Chain C(mW)+ Chain D(mW))
2. 26dB Bandwidth is the bandwidth of chain A or B or C or D whichever is less bandwidth, output power limitation is more stringent.

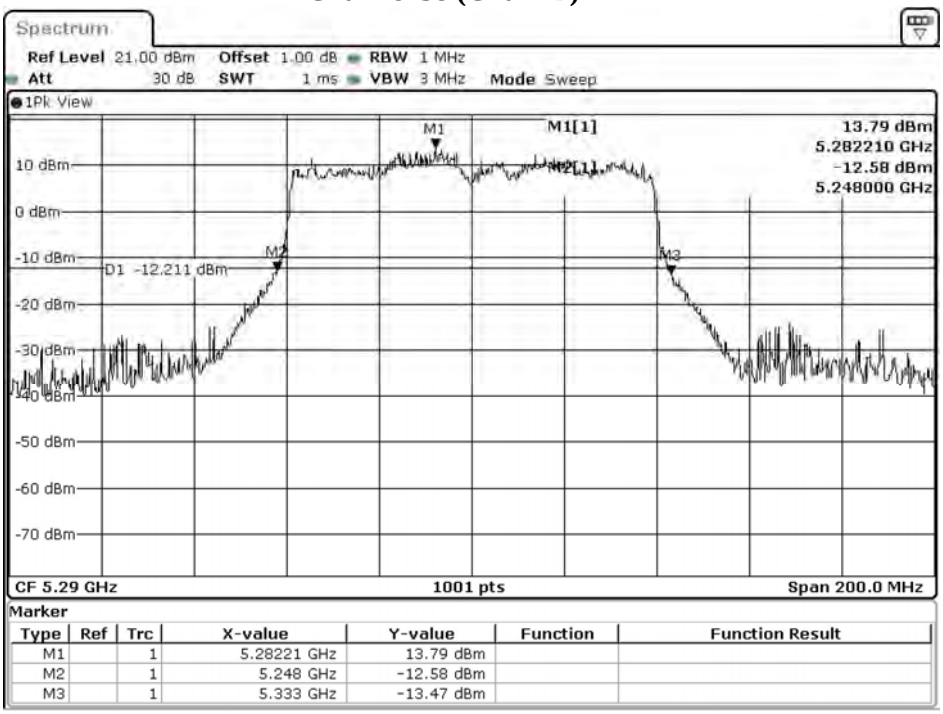
26dB Occupied Bandwidth:

Channel 58 (Chain A)



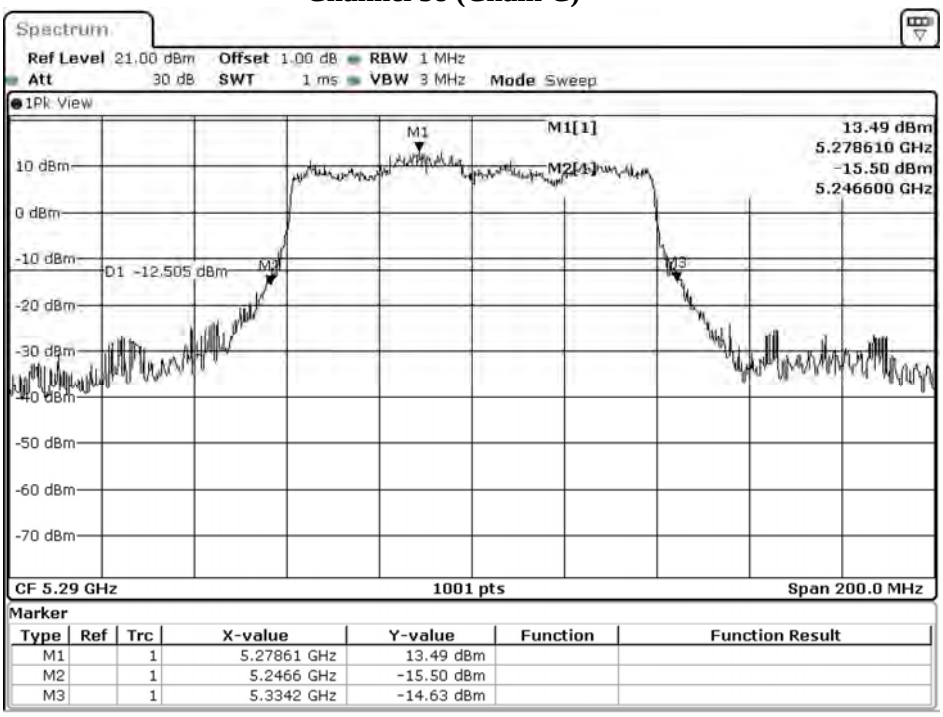
Date: 30.JUL.2020 07:47:10

Channel 58 (Chain B)



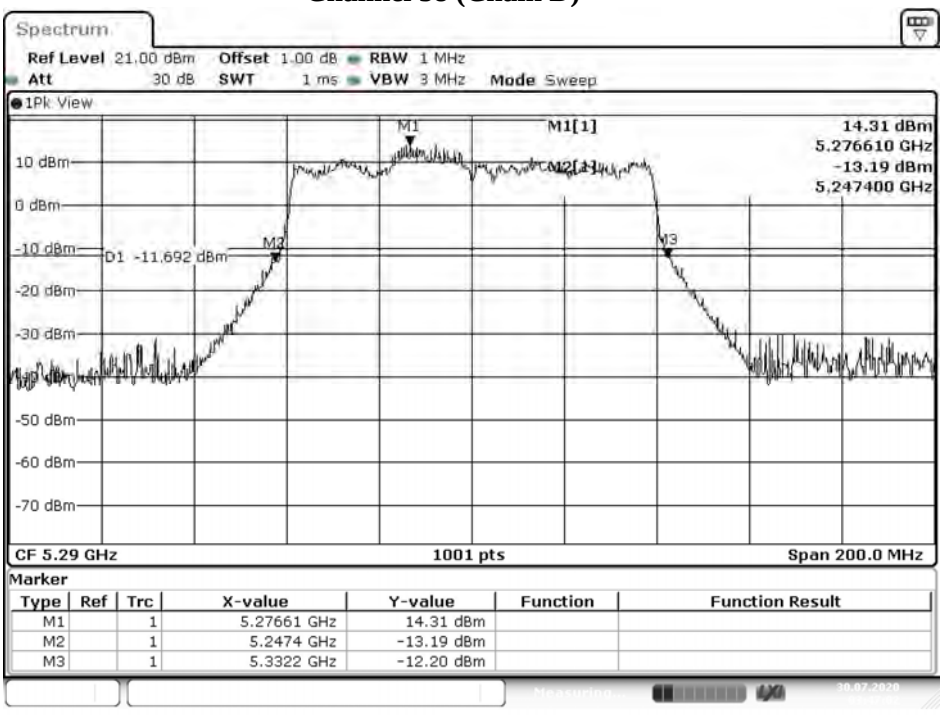
Date: 29.JUL.2020 19:49:19

Channel 58 (Chain C)



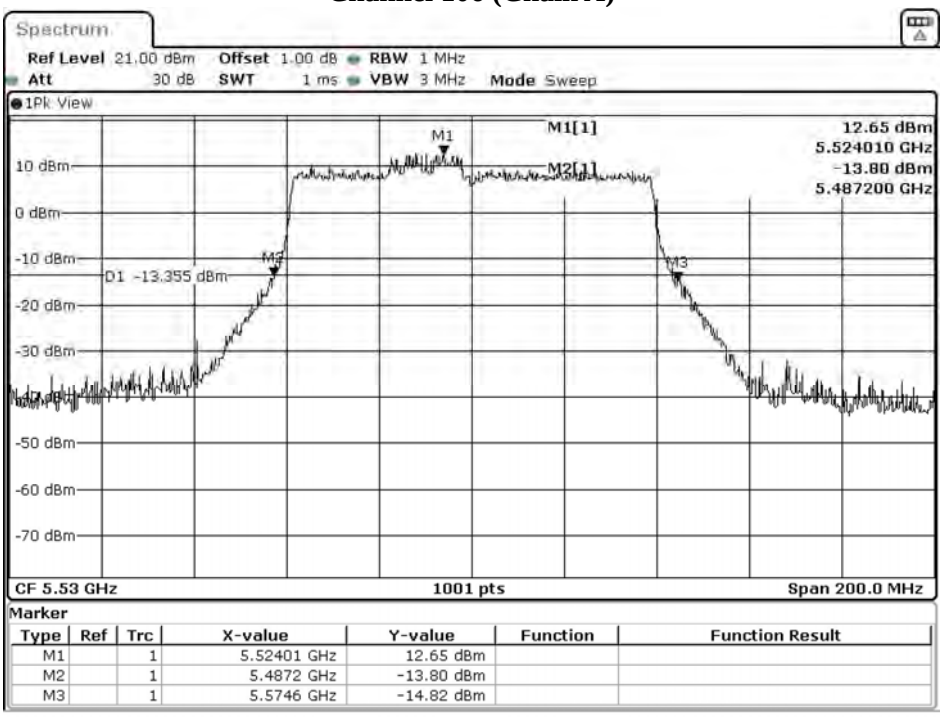
Date: 30.JUL.2020 03:43:59

Channel 58 (Chain D)



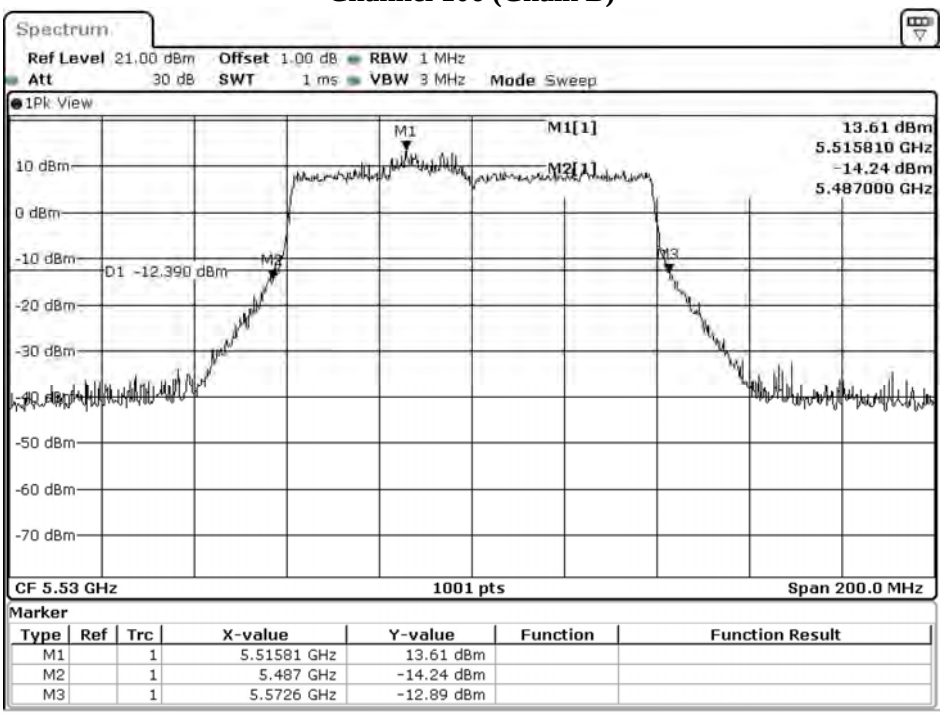
Date: 30.JUL.2020 03:47:02

Channel 106 (Chain A)



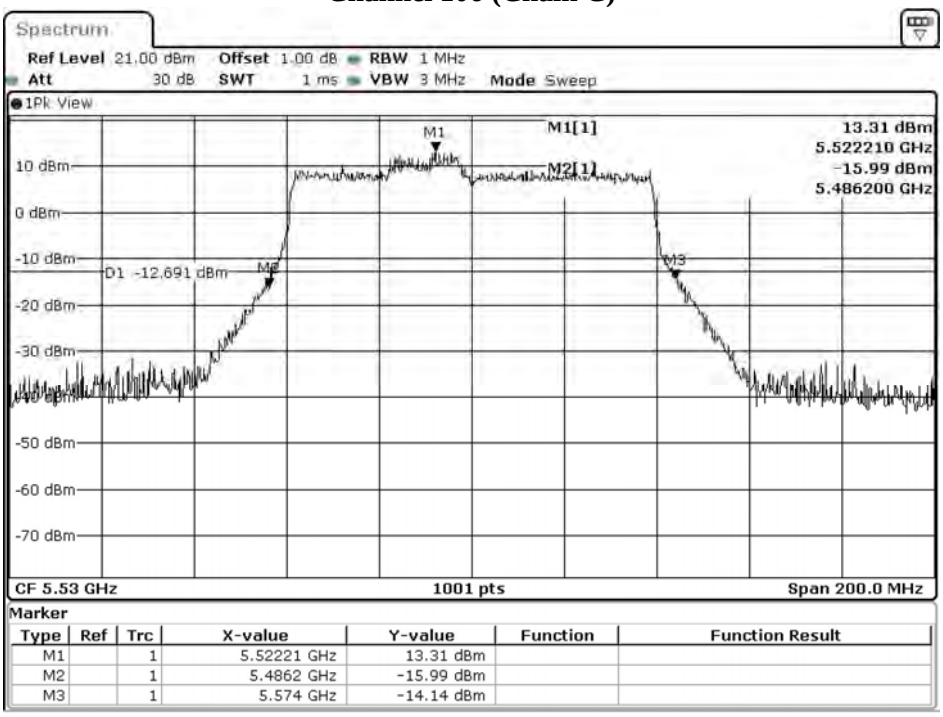
Date: 30.JUL.2020 05:37:15

Channel 106 (Chain B)



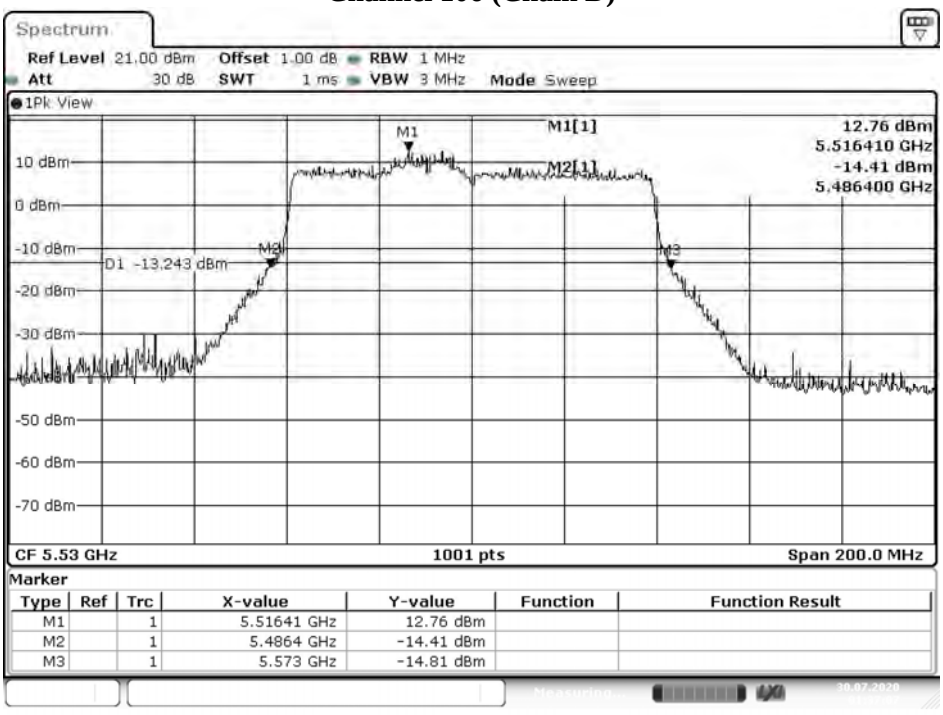
Date: 29.JUL.2020 17:39:24

Channel 106 (Chain C)



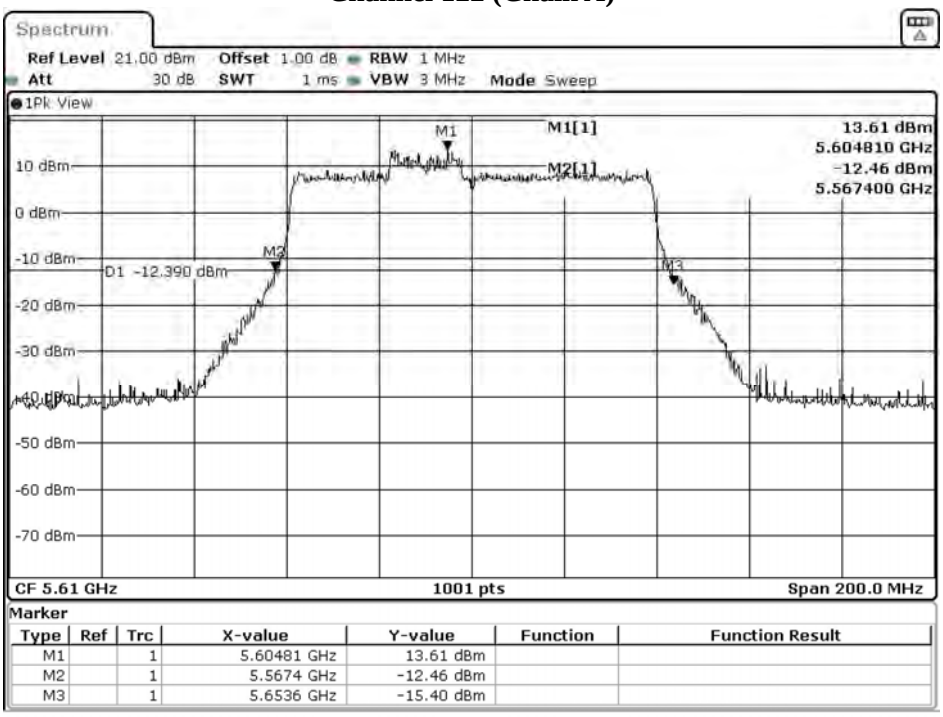
Date: 30.JUL.2020 01:34:04

Channel 106 (Chain D)



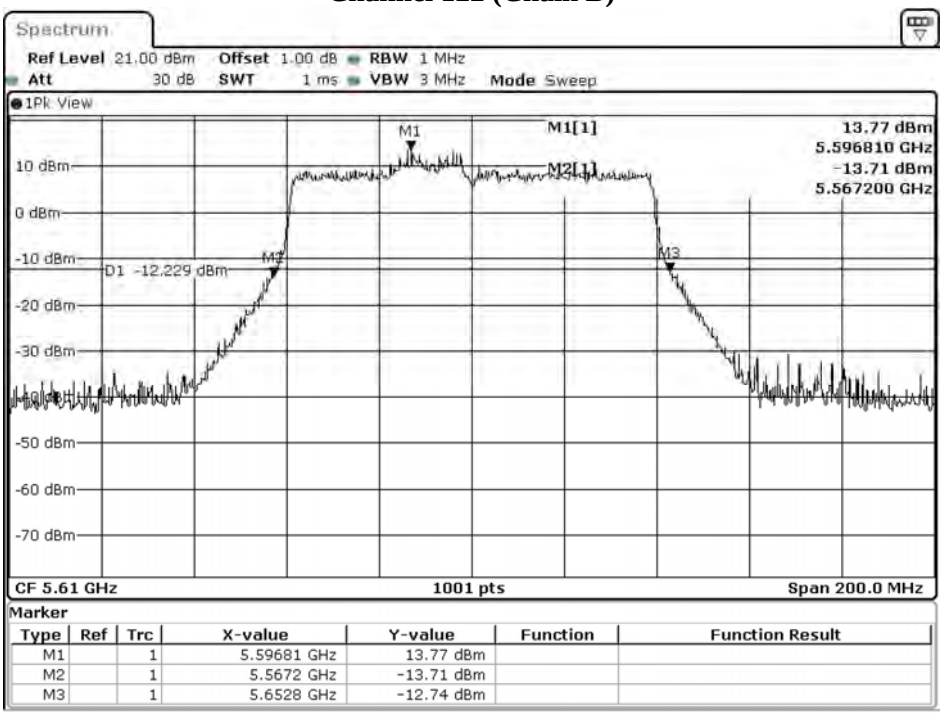
Date: 30.JUL.2020 01:37:07

Channel 122 (Chain A)



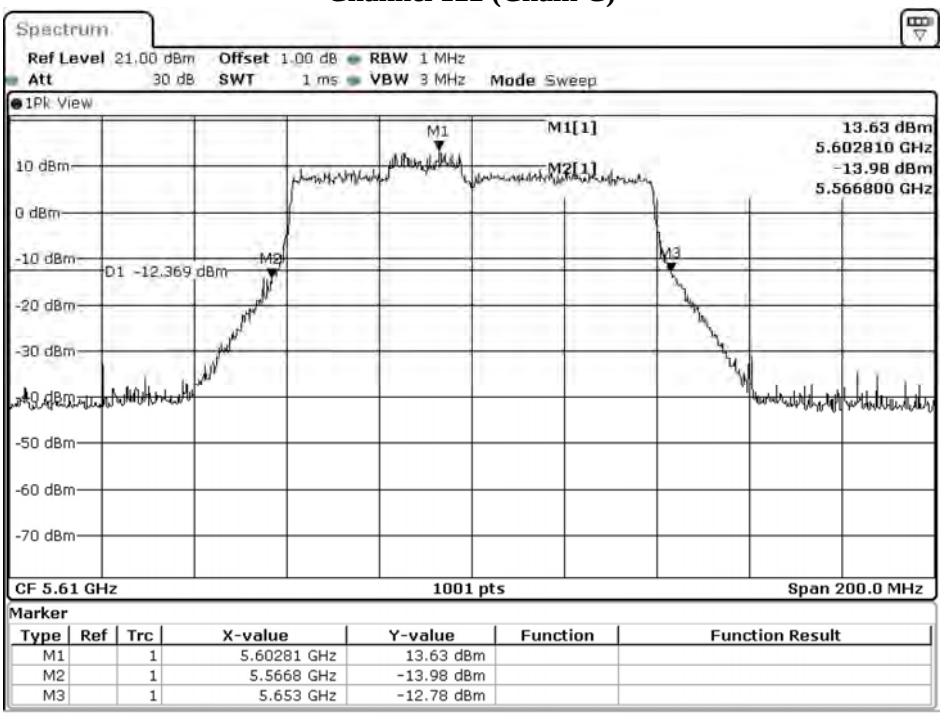
Date: 30.JUL.2020 05:41:21

Channel 122 (Chain B)



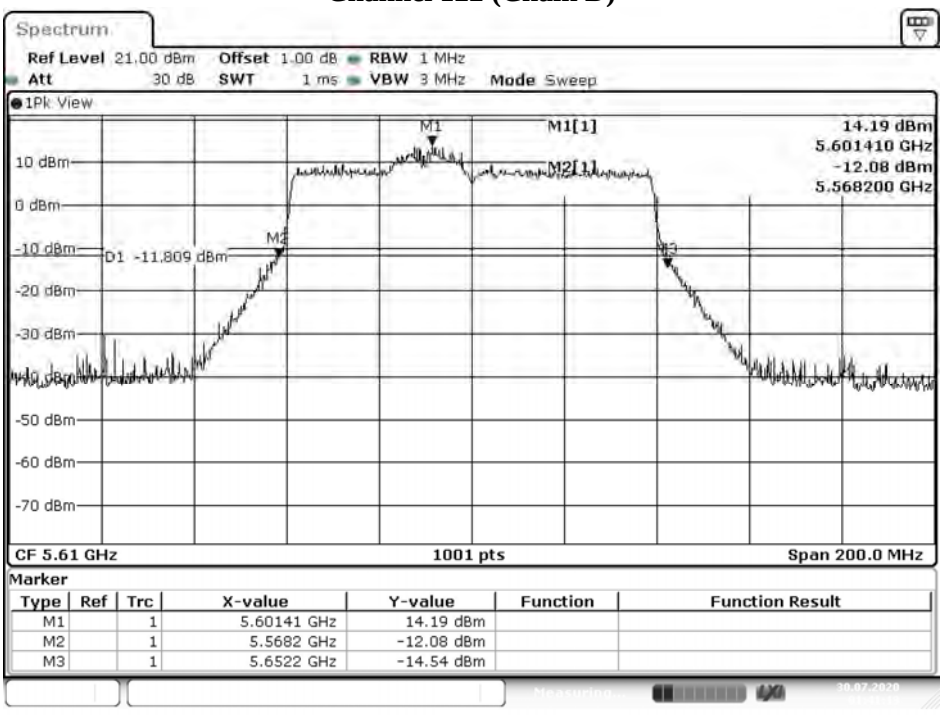
Date: 29.JUL.2020 17:43:29

Channel 122 (Chain C)



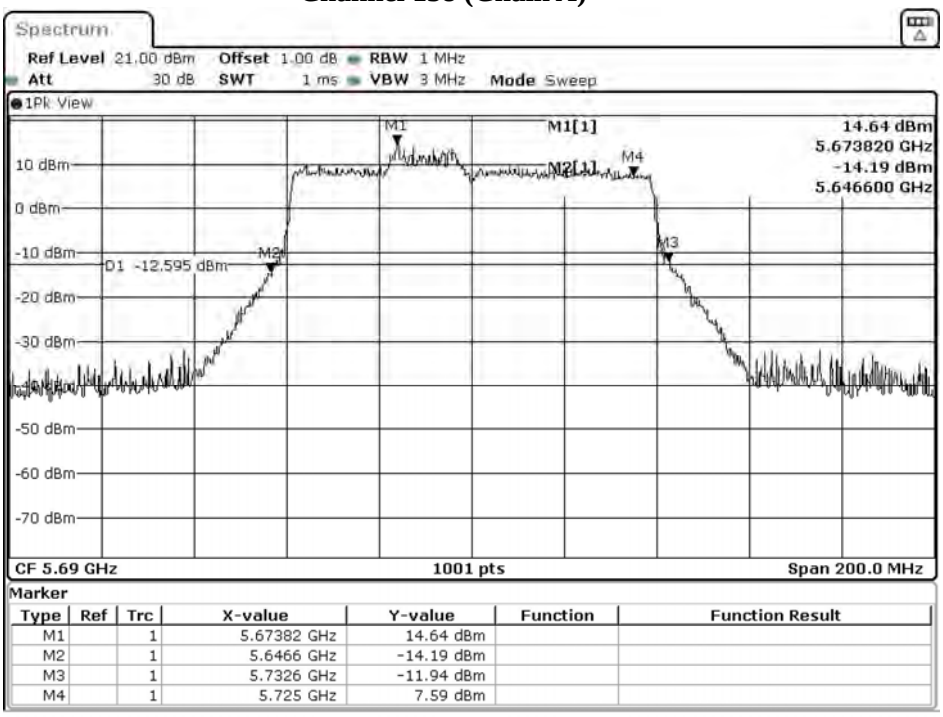
Date: 30.JUL.2020 01:38:10

Channel 122 (Chain D)



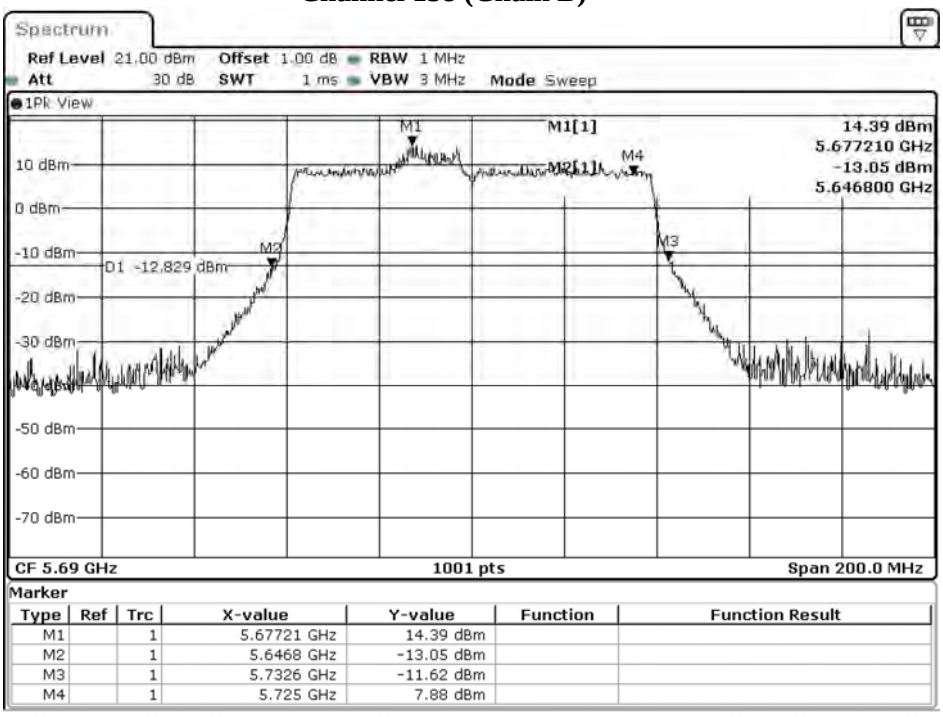
Date: 30.JUL.2020 01:41:13

Channel 138 (Chain A)



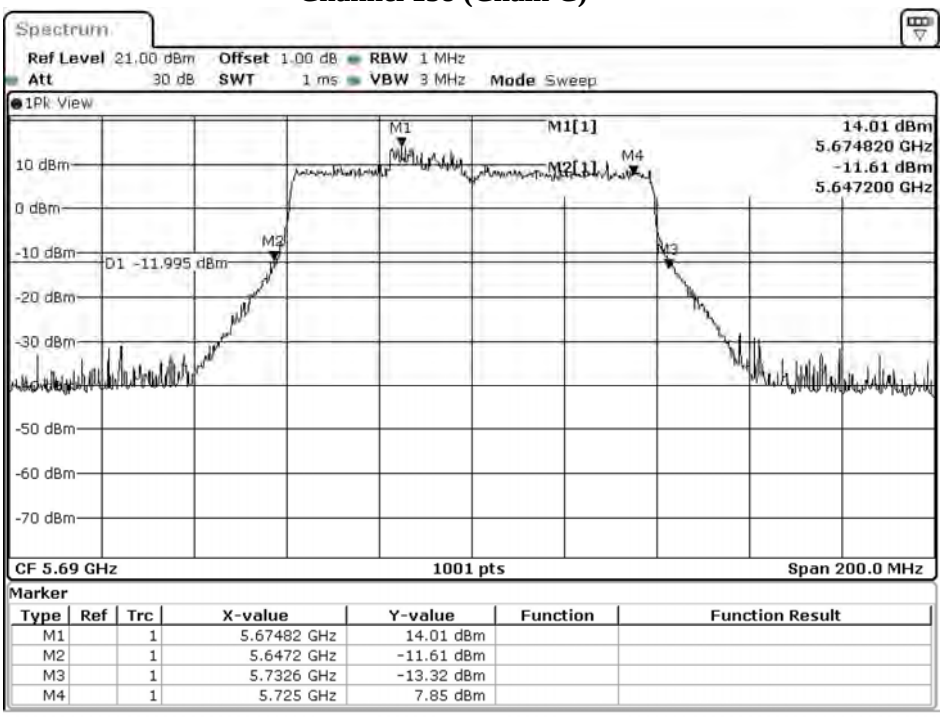
Date: 30.JUL.2020 05:46:23

Channel 138 (Chain B)



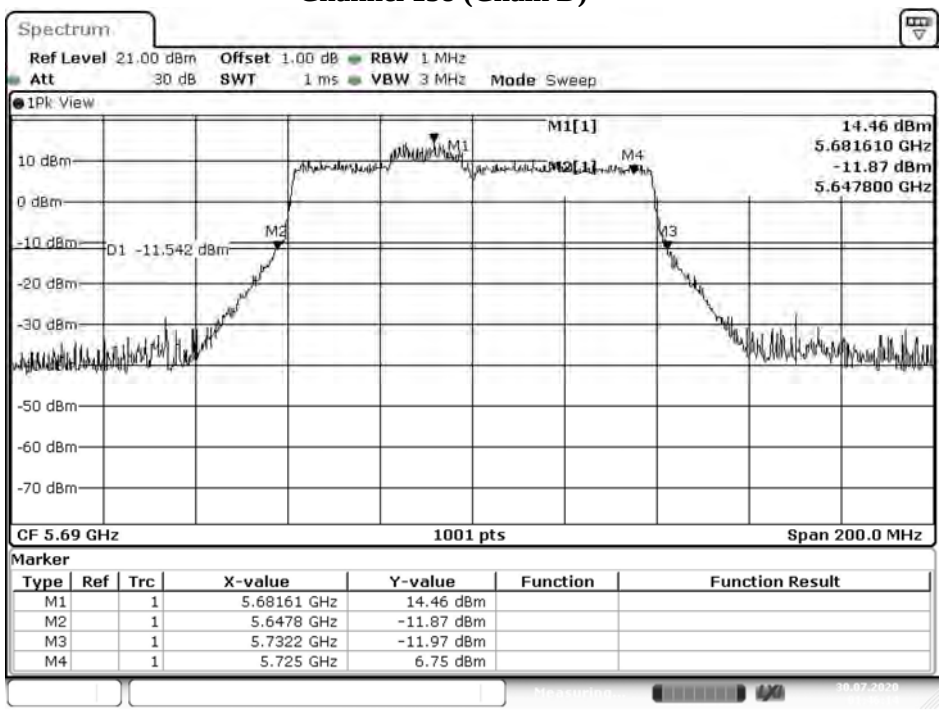
Date: 29.JUL.2020 17:48:32

Channel 138 (Chain C)



Date: 30.JUL.2020 01:43:11

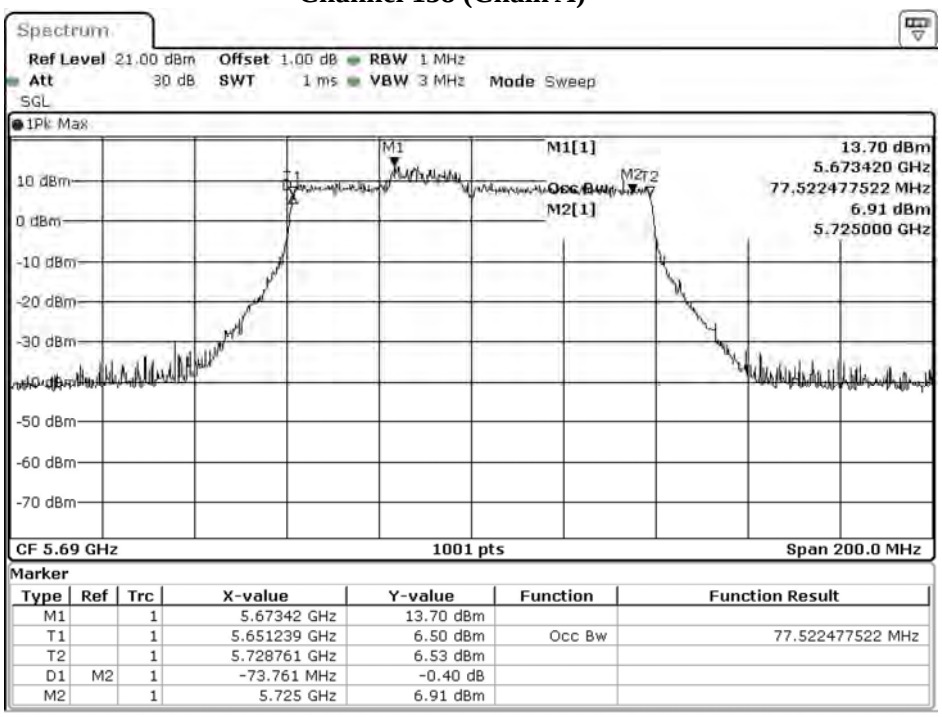
Channel 138 (Chain D)



Date: 30.JUL.2020 01:46:15

99% Occupied Bandwidth:

Channel 138 (Chain A)

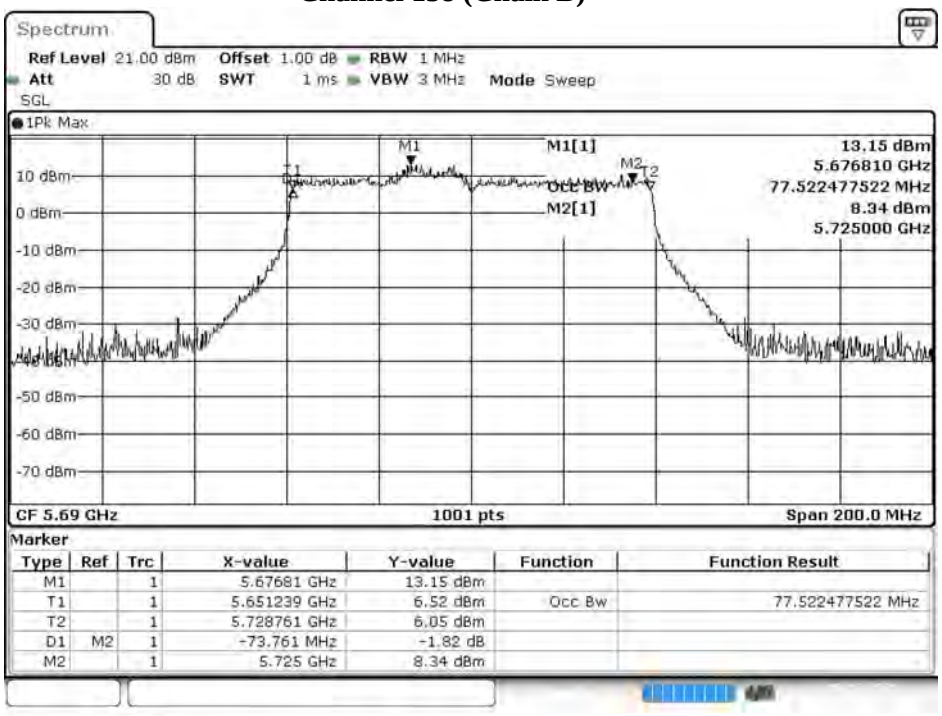


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.67342 GHz	13.70 dBm		
T1		1	5.651239 GHz	6.50 dBm	Occ Bw	77.522477522 MHz
T2		1	5.728761 GHz	6.53 dBm		
D1	M2	1	-73.761 MHz	-0.40 dB		
M2		1	5.725 GHz	6.91 dBm		

Date: 13.AUG.2020 06:11:08

Channel 138 (Chain B)

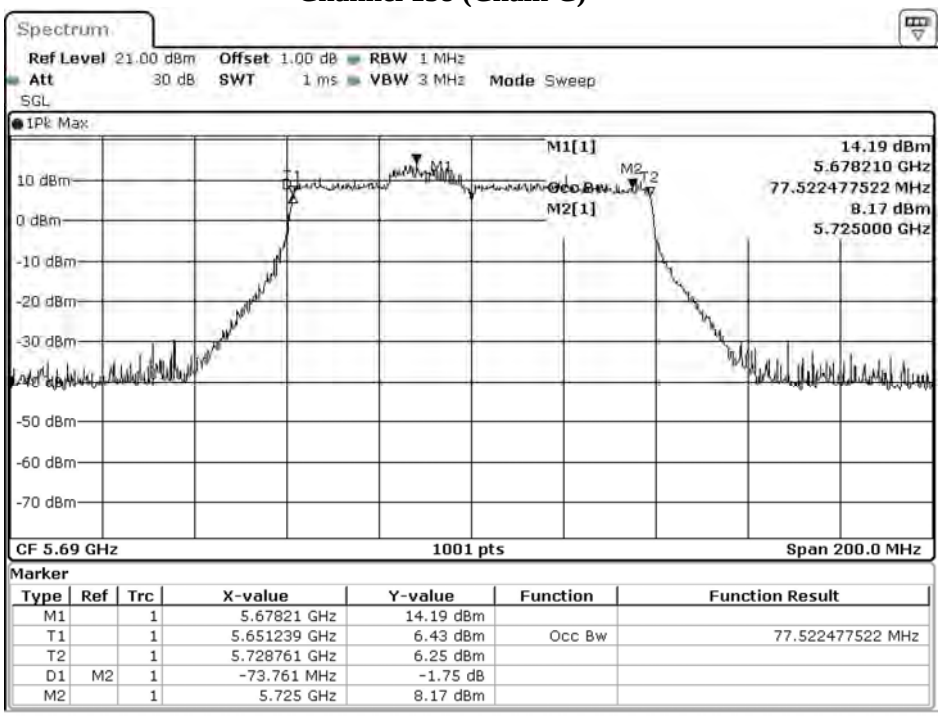


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.67681 GHz	13.15 dBm		
T1		1	5.651239 GHz	6.52 dBm	Occ Bw	77.522477522 MHz
T2		1	5.728761 GHz	6.05 dBm		
D1	M2	1	-73.761 MHz	-1.82 dB		
M2		1	5.725 GHz	8.34 dBm		

Date: 12.AUG.2020 18:13:14

Channel 138 (Chain C)

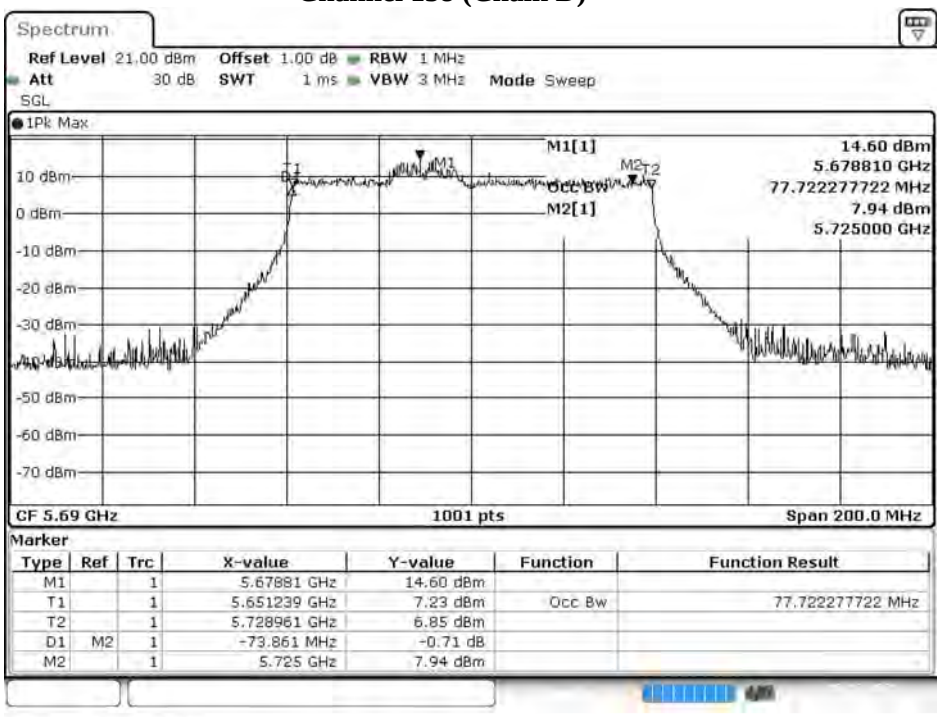


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.67821 GHz	14.19 dBm		
T1		1	5.651239 GHz	6.43 dBm	Occ Bw	77.522477522 MHz
T2		1	5.728761 GHz	6.25 dBm		
D1	M2	1	-73.761 MHz	-1.75 dB		
M2		1	5.725 GHz	8.17 dBm		

Date: 13.AUG.2020 06:14:00

Channel 138 (Chain D)



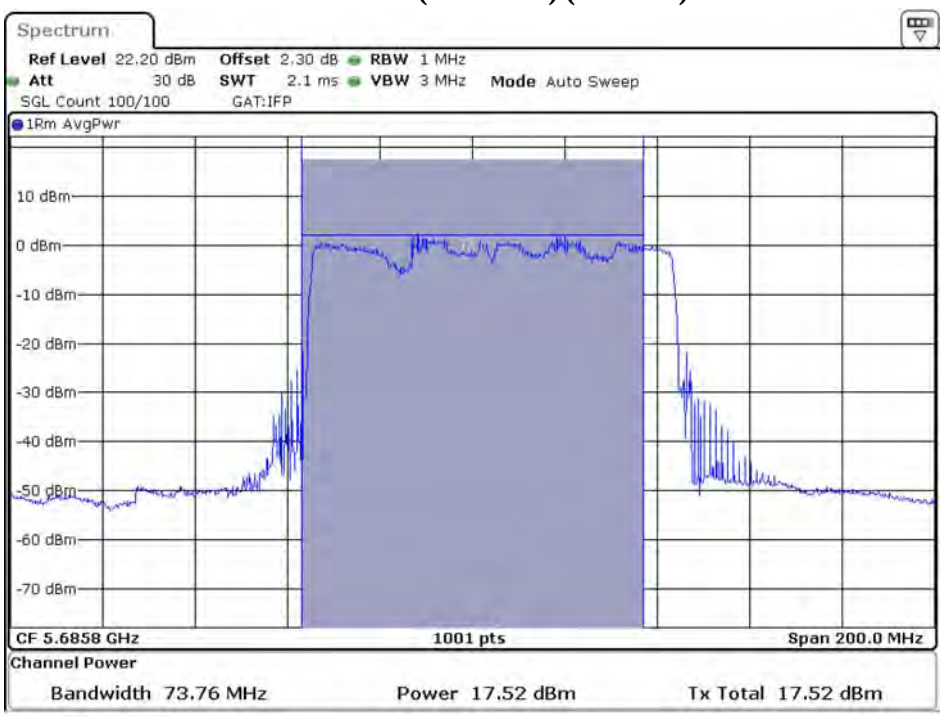
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.67881 GHz	14.60 dBm		
T1		1	5.651239 GHz	7.23 dBm	Occ Bw	77.722277722 MHz
T2		1	5.728961 GHz	6.85 dBm		
D1	M2	1	-73.861 MHz	-0.71 dB		
M2		1	5.725 GHz	7.94 dBm		

Date: 12.AUG.2020 18:16:07

Maximum conducted output power:

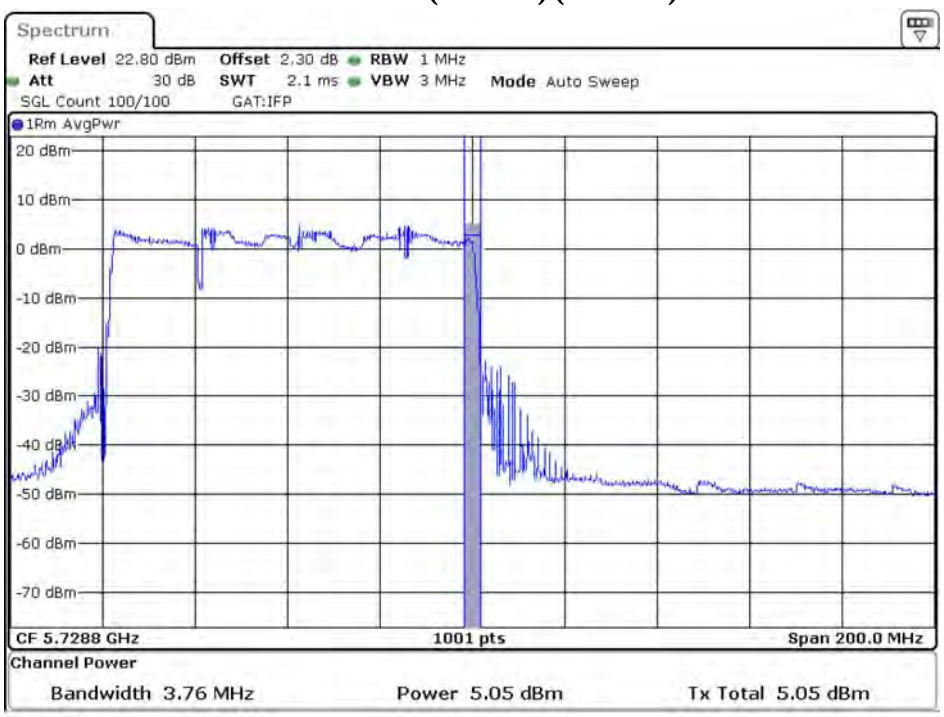
Channel 138 (U-NII-2C) (Chain A)



Date: 4.SEP.2020 11:41:29

Maximum conducted output power:

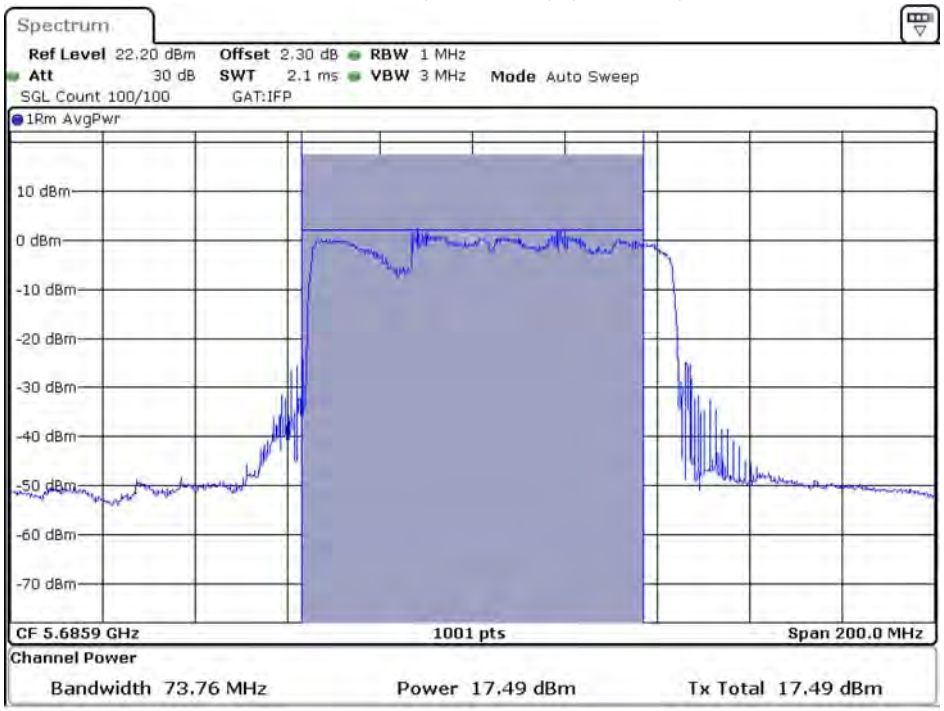
Channel 138 (U-NII-3) (Chain A)



Date: 4.SEP.2020 12:29:08

Maximum conducted output power:

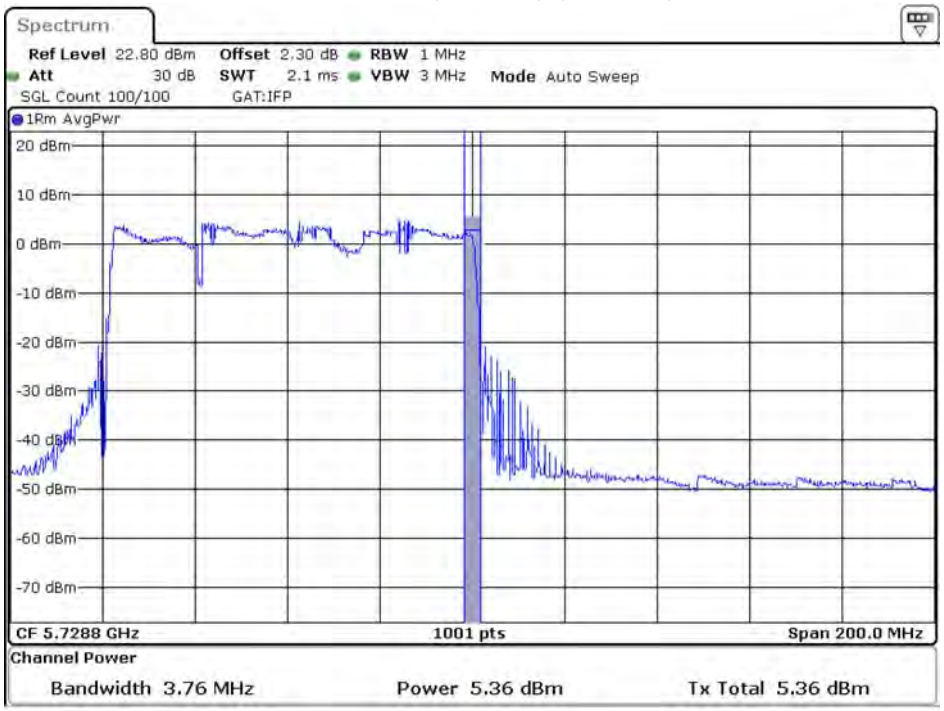
Channel 138 (U-NII-2C) (Chain B)



Date: 4.SEP.2020 11:43:21

Maximum conducted output power:

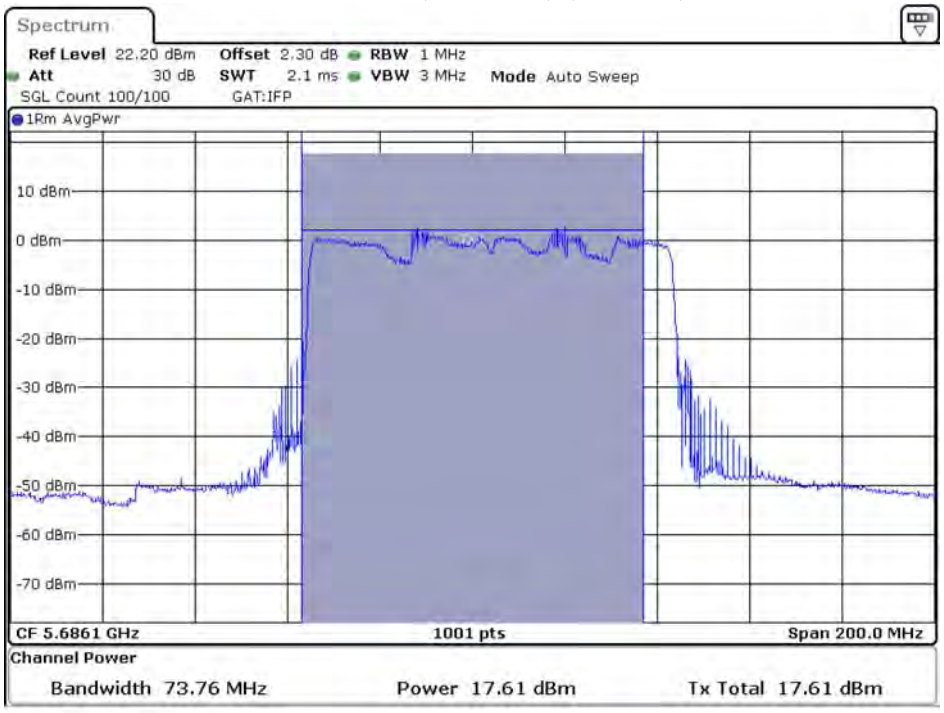
Channel 138 (U-NII-3) (Chain B)



Date: 4.SEP.2020 13:35:11

Maximum conducted output power:

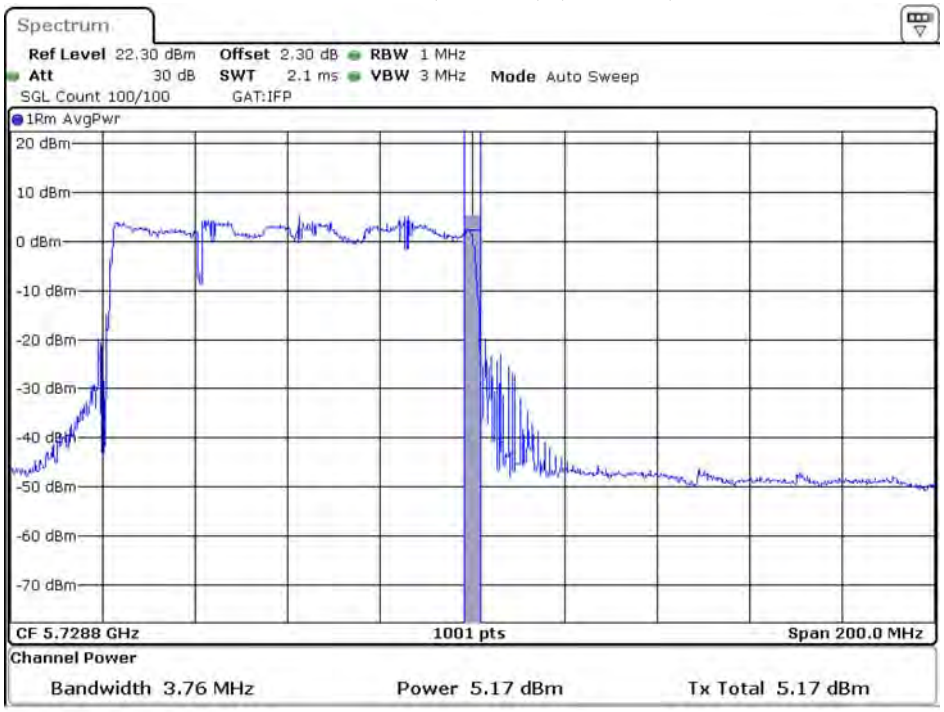
Channel 138 (U-NII-2C) (Chain C)



Date: 4.SEP.2020 11:45:26

Maximum conducted output power:

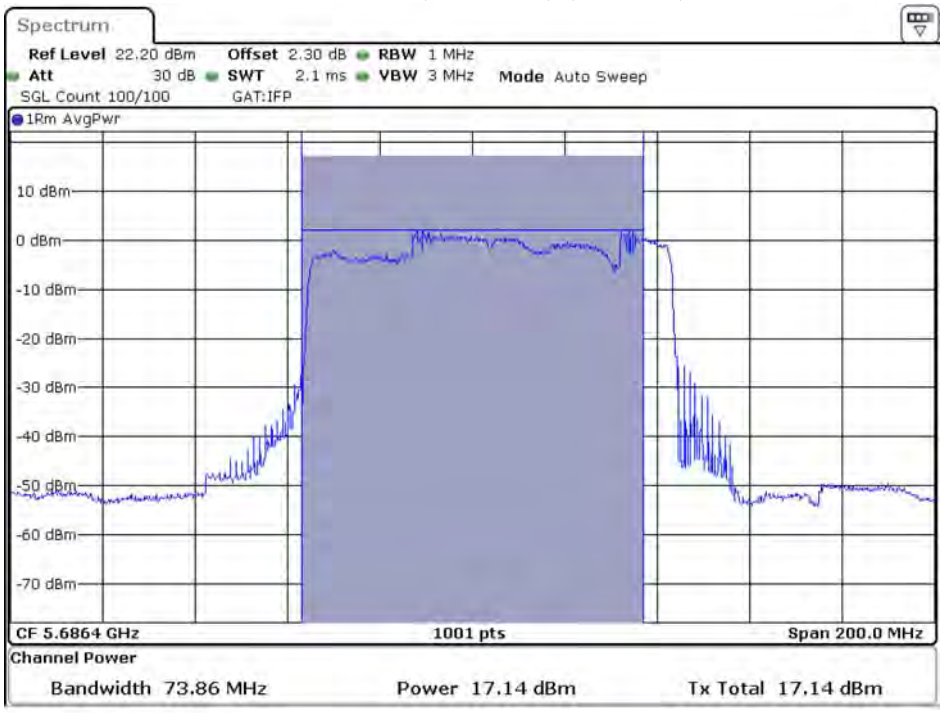
Channel 138 (U-NII-3) (Chain C)



Date: 4.SEP.2020 13:49:57

Maximum conducted output power:

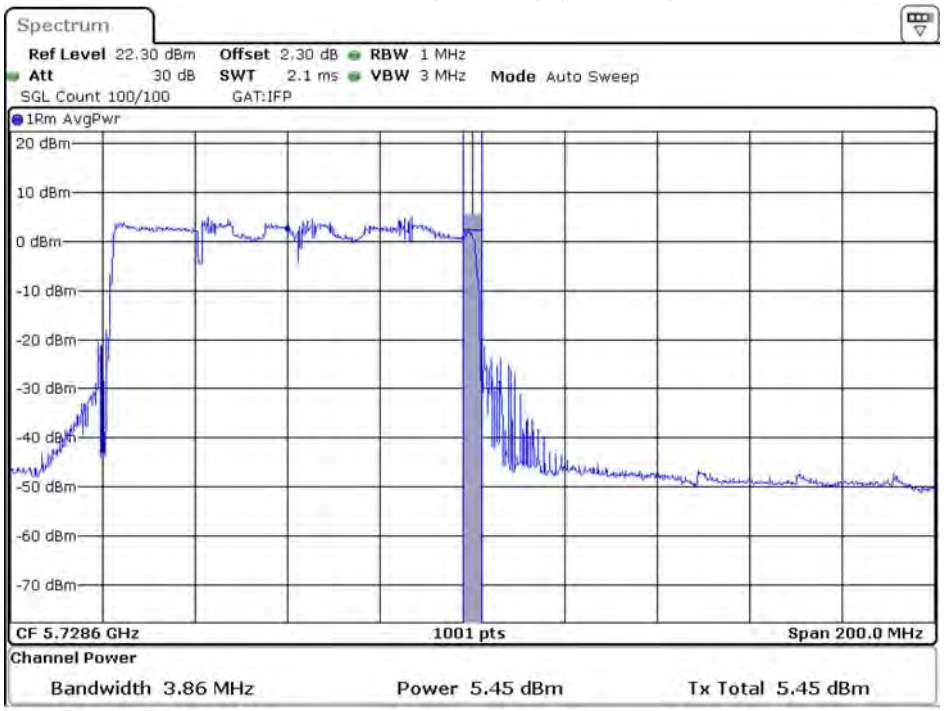
Channel 138 (U-NII-2C) (Chain D)



Date: 4.SEP.2020 11:49:11

Maximum conducted output power:

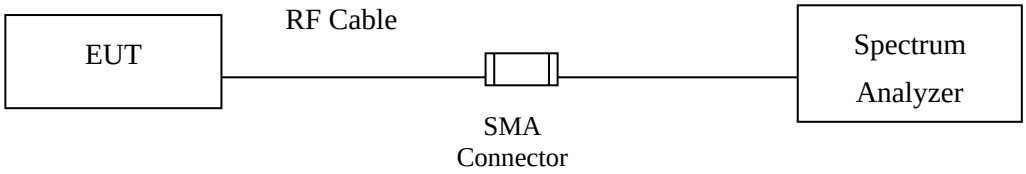
Channel 138 (U-NII-3) (Chain D)



Date: 4.SEP.2020 14:00:58

4. Peak Power Spectral Density

4.1. Test Setup



4.2. Limits

For the band 5.15-5.25 GHz,
(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-topoint U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.+

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

4.3. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

The Peak Power Spectral Density using KDB 789033 section F) procedure, Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer.

SA-1 and SA-2 method is selected to run the test.

For the band 5.725-5.85 GHz, Scale the observed power level to an equivalent value in 500 kHz by adjusting (increase) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log (500 kHz/100 kHz) = 6.98 dB.

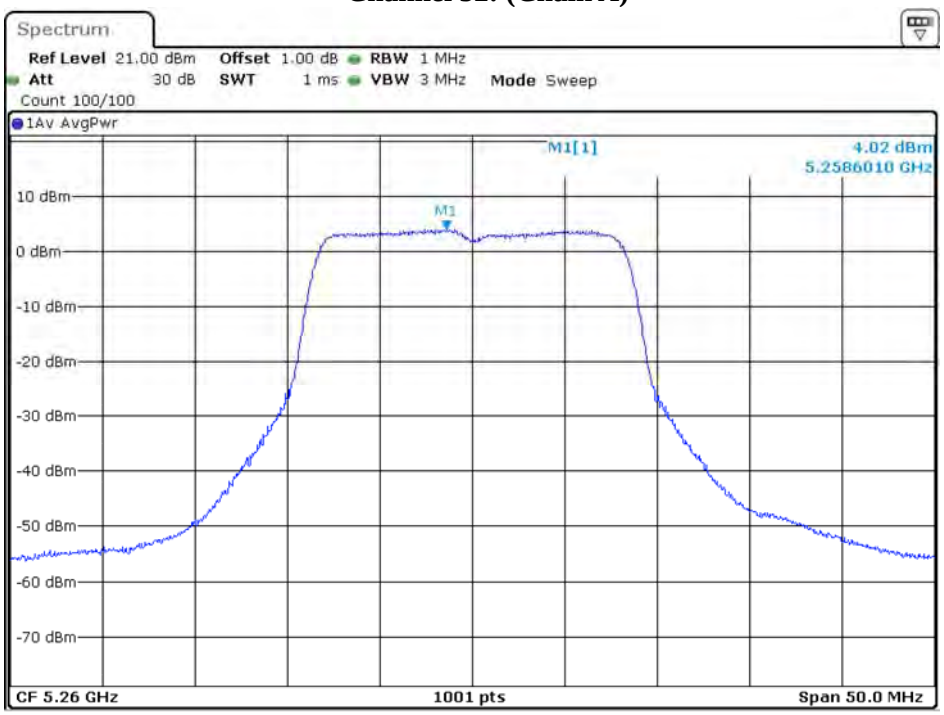
4.4. Test Result of Peak Power Spectral Density

Product : LV55
Test Item : Peak Power Spectral Density
Test Mode : Mode 1: Transmit (802.11a-CDD)
Test Date : 2020/09/04

Channel Number	Frequency (MHz)	Chain	PPSD (dBm/MHz)	Duty Factor (dB)	Total PPSD (dBm/MHz)	Required Limit (dBm/MHz)	Result
52	5260	A	4.02	0.17	10.21	11	Pass
		B	4.28	0.17	10.47		Pass
		C	4.62	0.17	10.81		Pass
		D	4.52	0.17	10.71		Pass
60	5300	A	4.10	0.17	10.29	11	Pass
		B	4.13	0.17	10.32		Pass
		C	4.56	0.17	10.75		Pass
		D	4.43	0.17	10.62		Pass
64	5320	A	4.69	0.17	10.88	11	Pass
		B	4.04	0.17	10.23		Pass
		C	4.57	0.17	10.76		Pass
		D	4.63	0.17	10.82		Pass
100	5500	A	4.69	0.17	10.88	11	Pass
		B	4.16	0.17	10.35		Pass
		C	4.65	0.17	10.84		Pass
		D	4.28	0.17	10.47		Pass
116	5580	A	4.32	0.17	10.51	11	Pass
		B	4.49	0.17	10.68		Pass
		C	4.29	0.17	10.48		Pass
		D	4.54	0.17	10.73		Pass
140	5700	A	4.53	0.17	10.72	11	Pass
		B	3.89	0.17	10.08		Pass
		C	4.63	0.17	10.82		Pass
		D	4.40	0.17	10.59		Pass

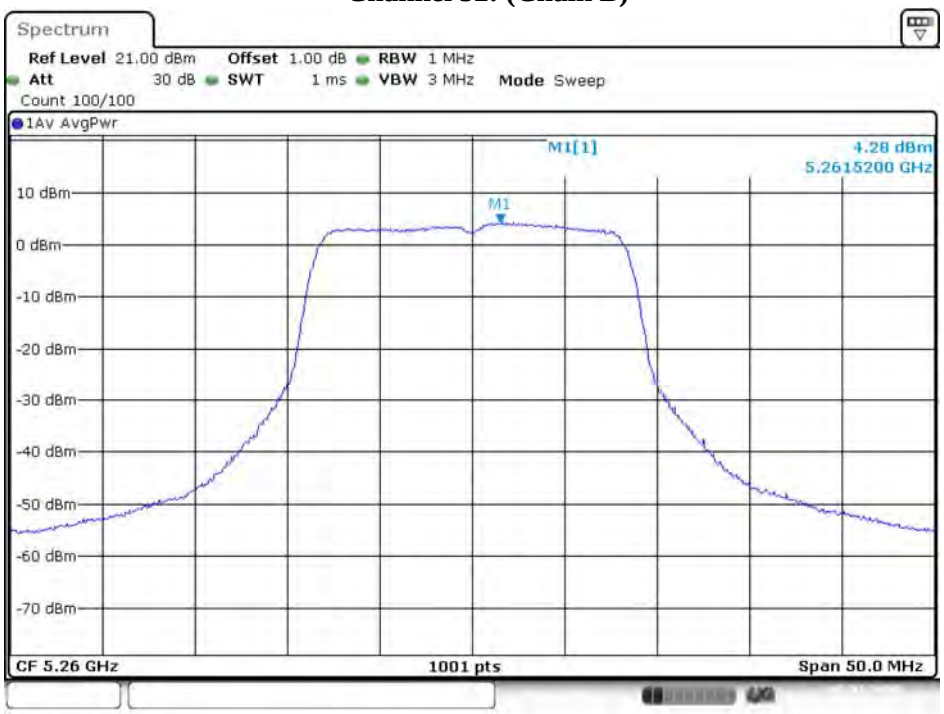
Note: The quantity 10*log 4 (four antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 52: (Chain A)



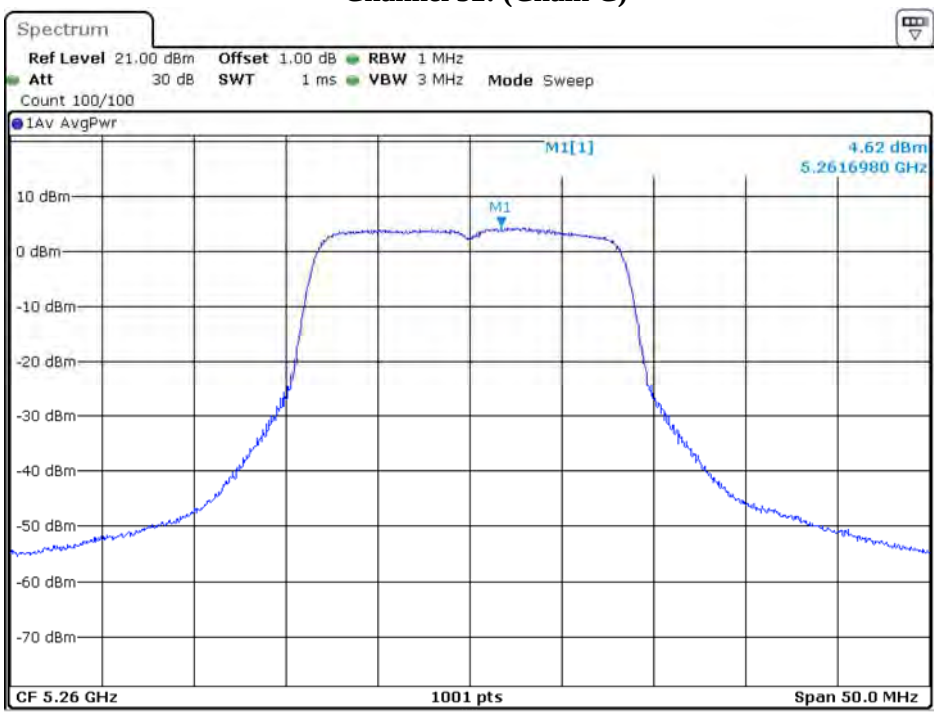
Date: 2.SEP.2020 15:41:54

Channel 52: (Chain B)



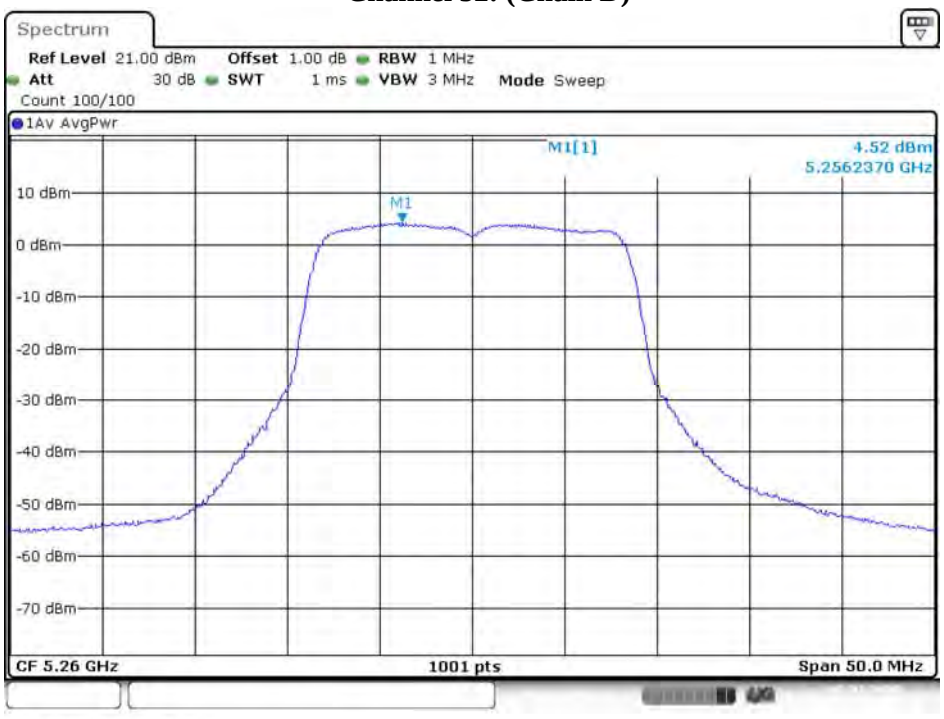
Date: 2.SEP.2020 07:47:12

Channel 52: (Chain C)



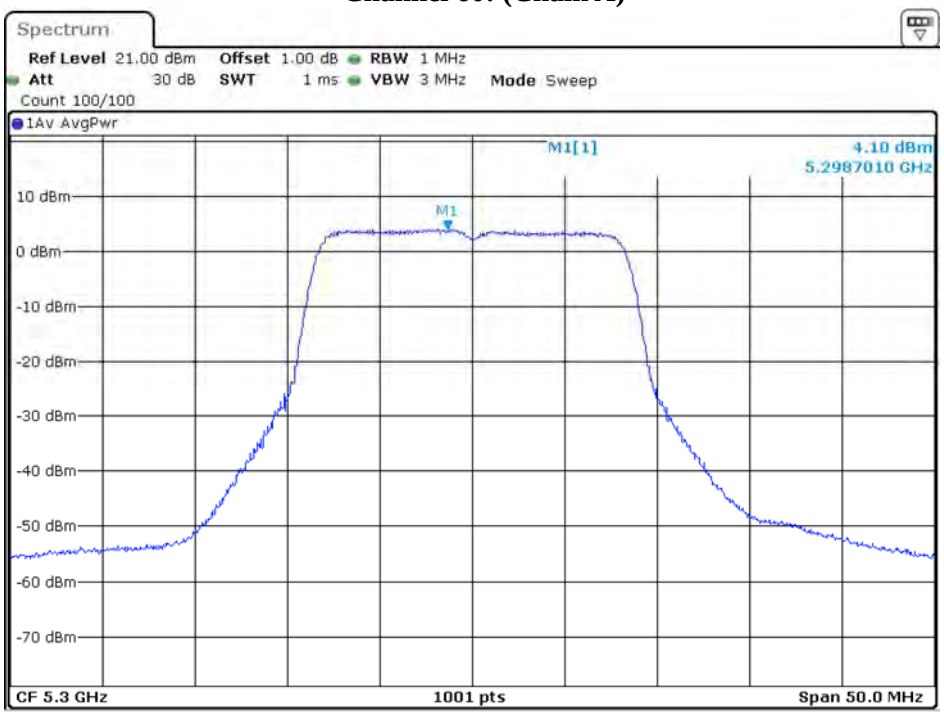
Date: 2.SEP.2020 15:39:28

Channel 52: (Chain D)



Date: 2.SEP.2020 07:45:22

Channel 60: (Chain A)

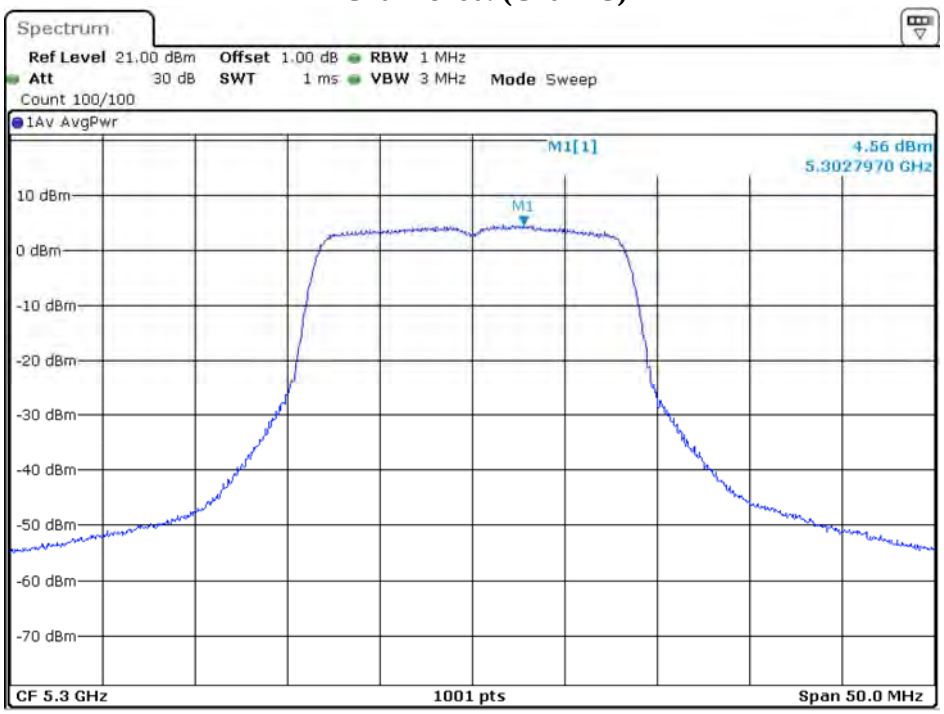


Date: 2.SEP.2020 15:33:46

Channel 60: (Chain B)

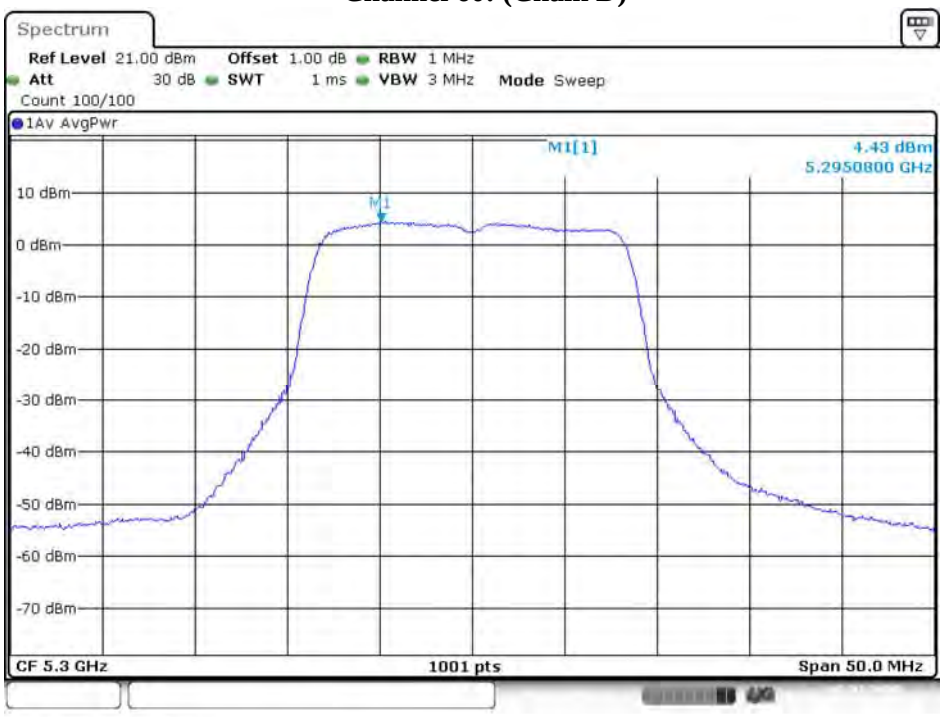
Date: 2.SEP.2020 07:39:18

Channel 60: (Chain C)



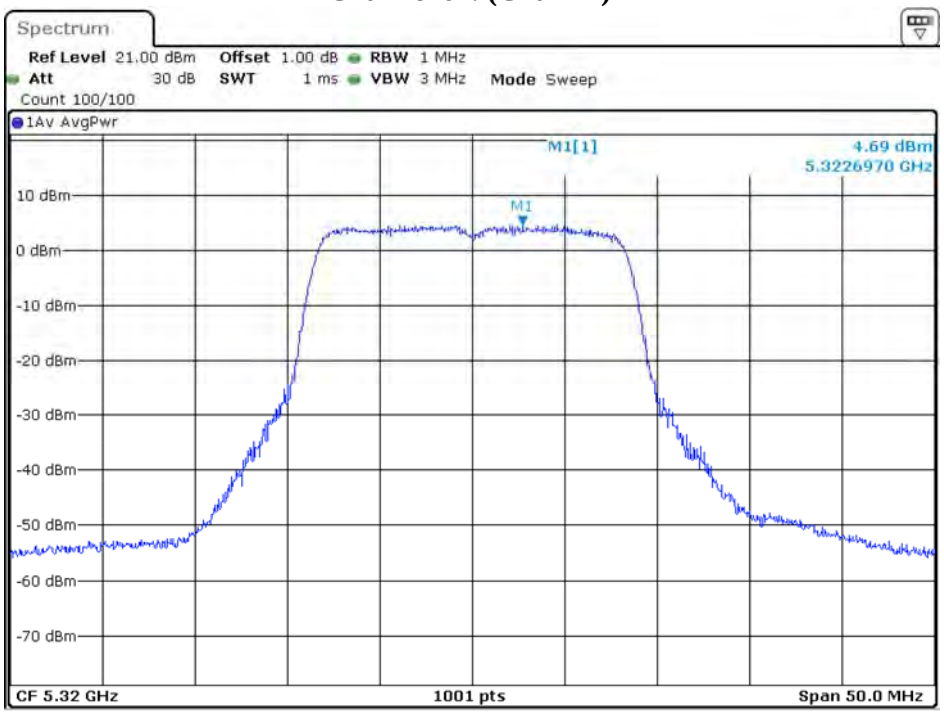
Date: 2.SEP.2020 15:36:17

Channel 60: (Chain D)



Date: 2.SEP.2020 07:41:21

Channel 64: (Chain A)

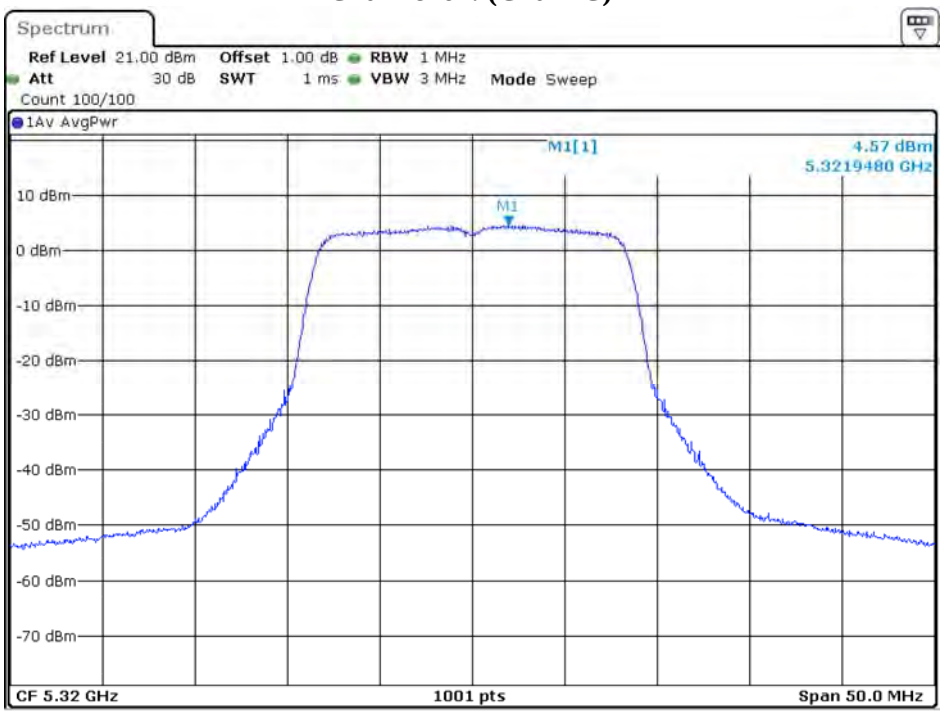


Date: 2.SEP.2020 15:44:49

Channel 64: (Chain B)

Date: 2.SEP.2020 07:50:29

Channel 64: (Chain C)

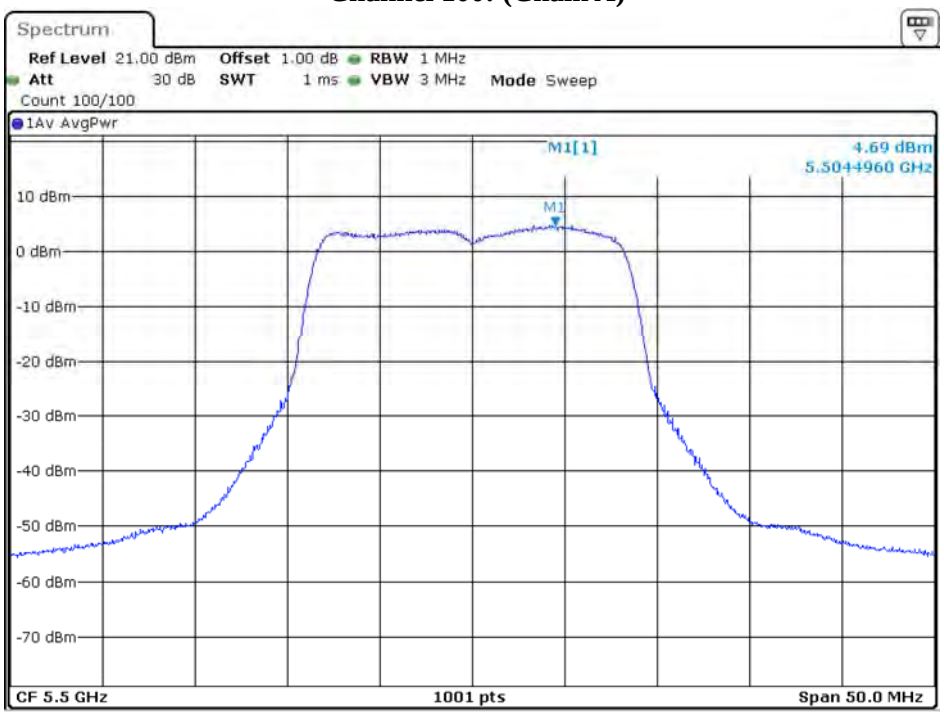


Date: 2.SEP.2020 15:47:02

Channel 64: (Chain D)

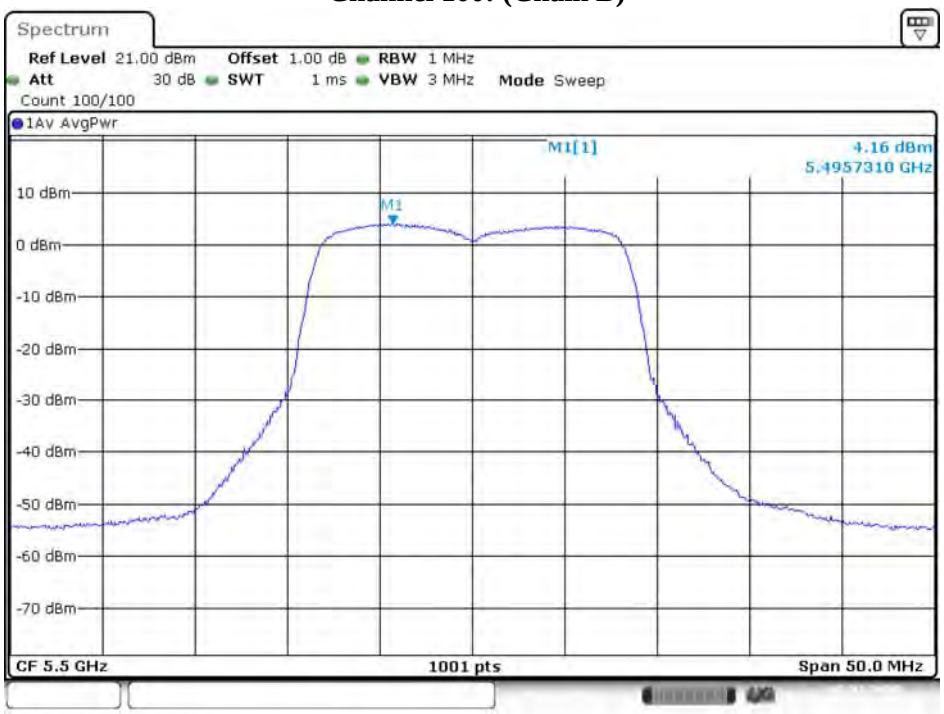
Date: 2.SEP.2020 07:52:33

Channel 100: (Chain A)



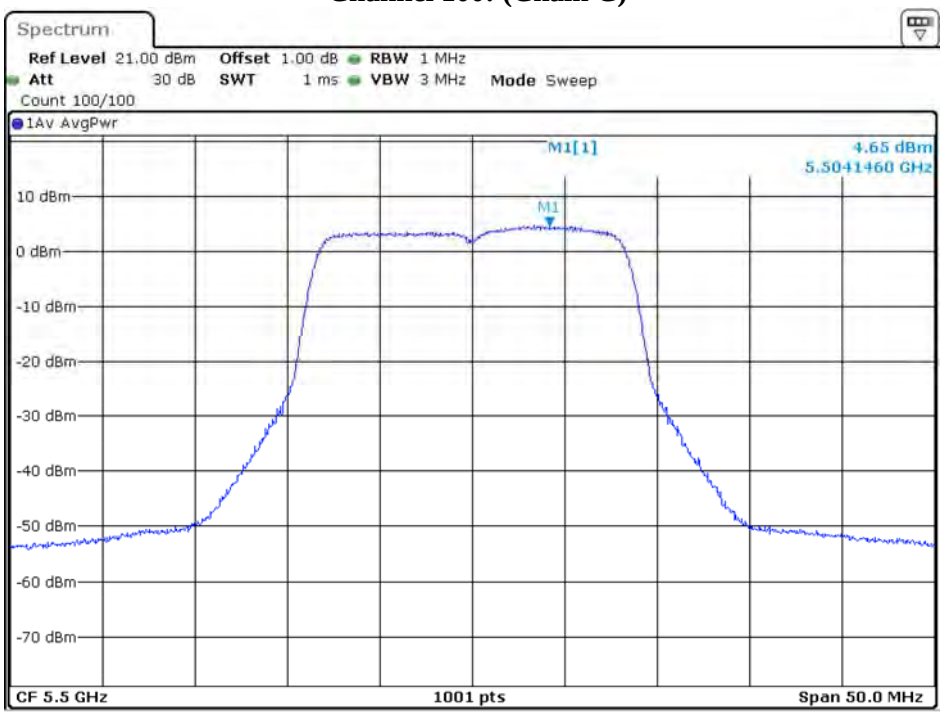
Date: 2.SEP.2020 15:52:26

Channel 100: (Chain B)



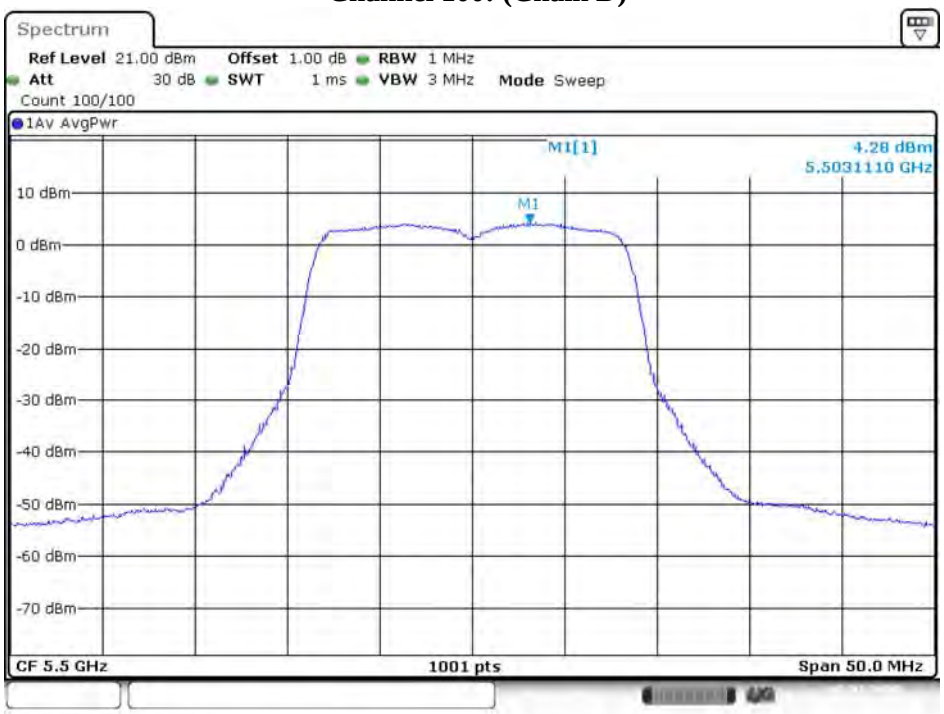
Date: 2.SEP.2020 07:57:58

Channel 100: (Chain C)



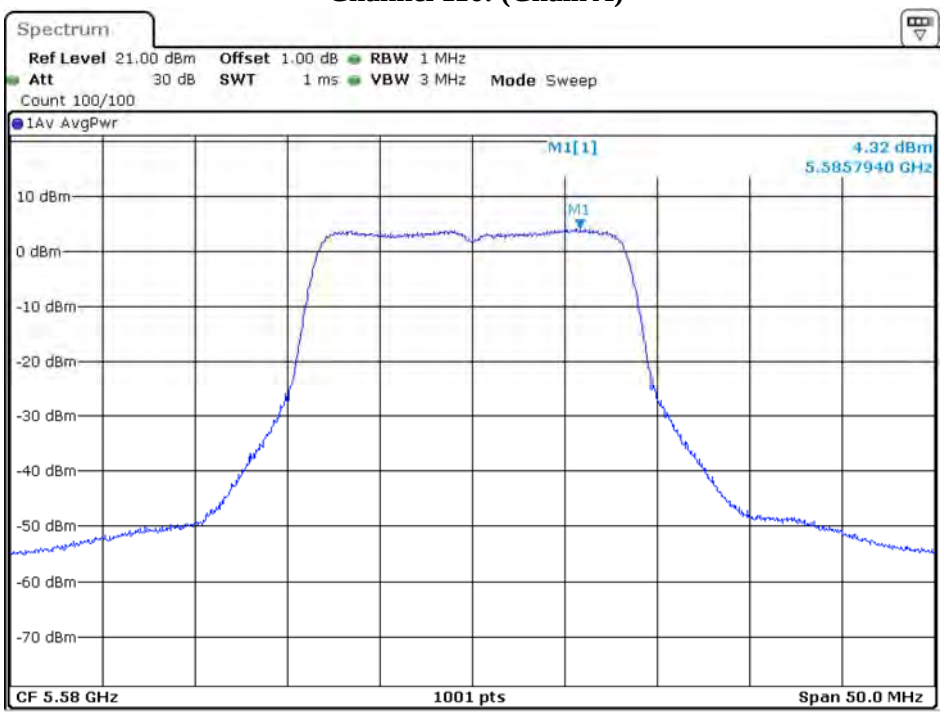
Date: 2.SEP.2020 15:48:51

Channel 100: (Chain D)



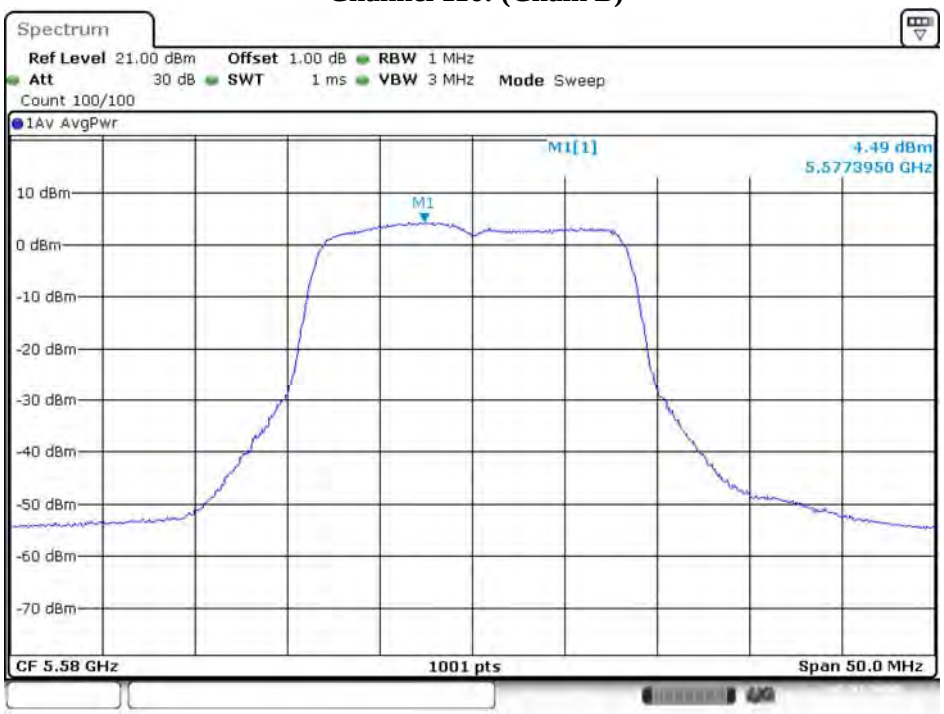
Date: 2.SEP.2020 07:56:25

Channel 116: (Chain A)



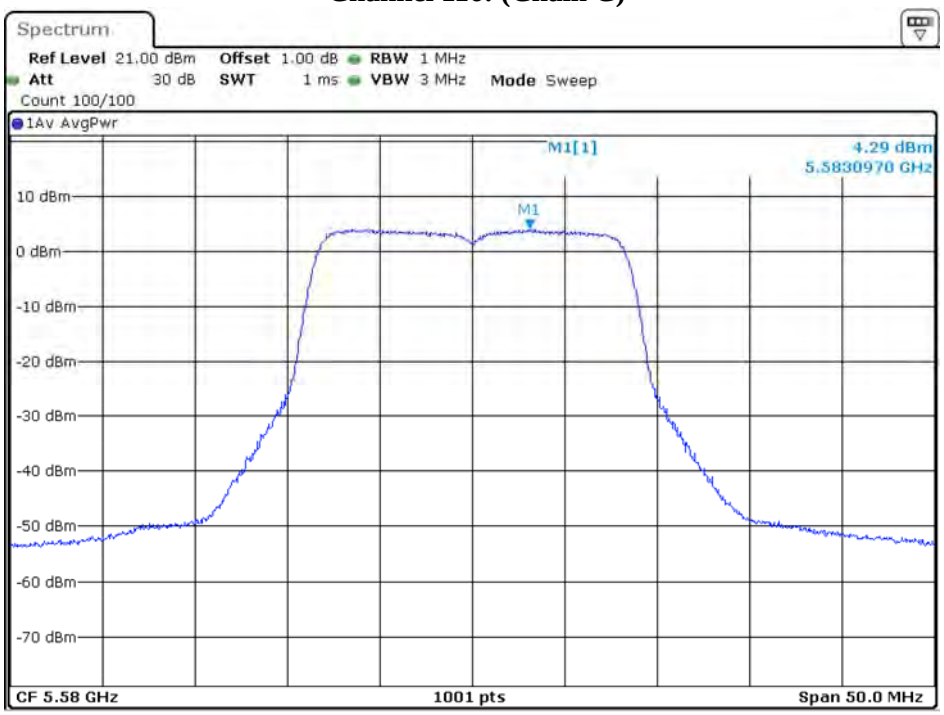
Date: 2.SEP.2020 15:54:11

Channel 116: (Chain B)



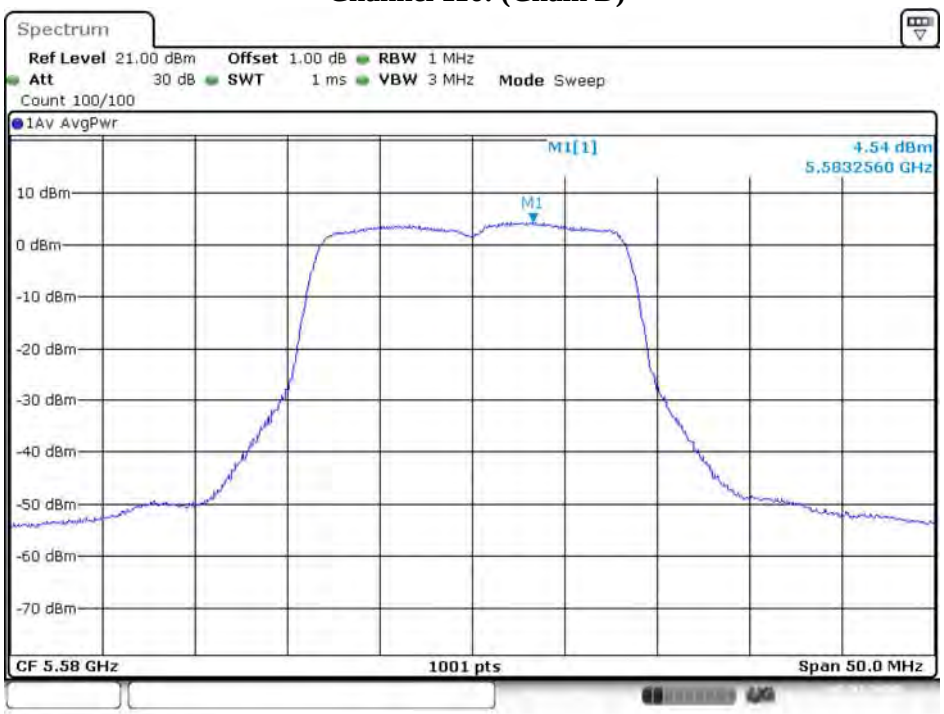
Date: 2.SEP.2020 08:00:12

Channel 116: (Chain C)



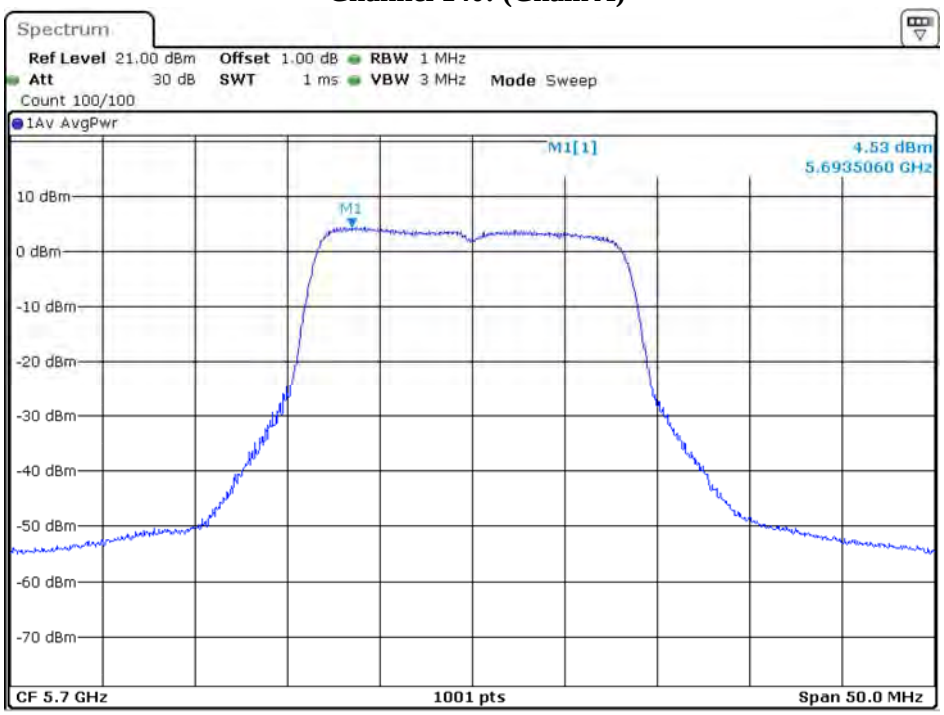
Date: 2.SEP.2020 15:55:48

Channel 116: (Chain D)



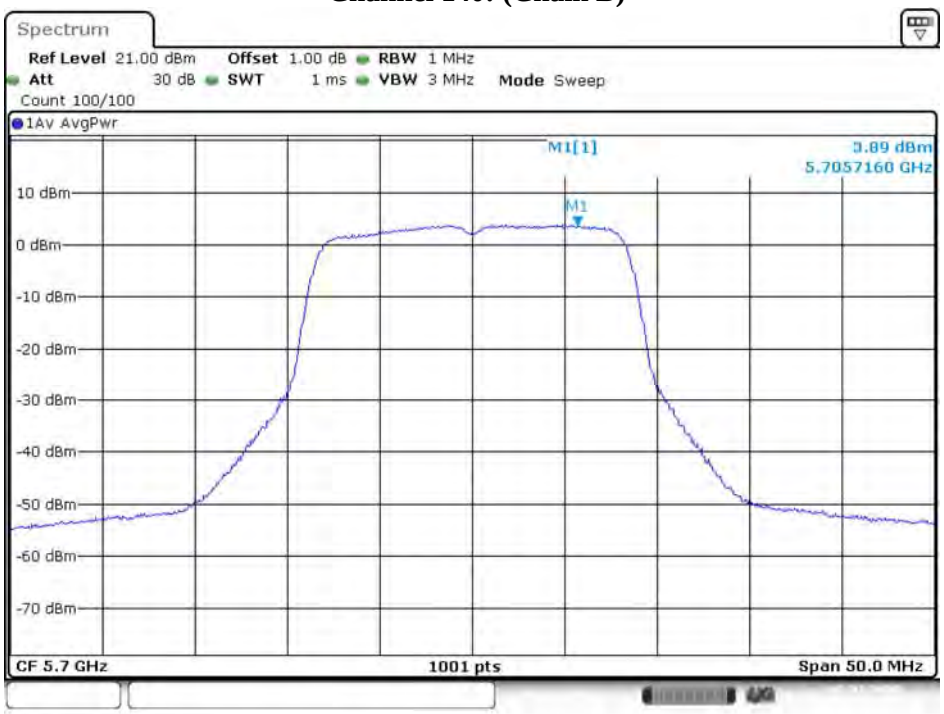
Date: 2.SEP.2020 08:01:20

Channel 140: (Chain A)



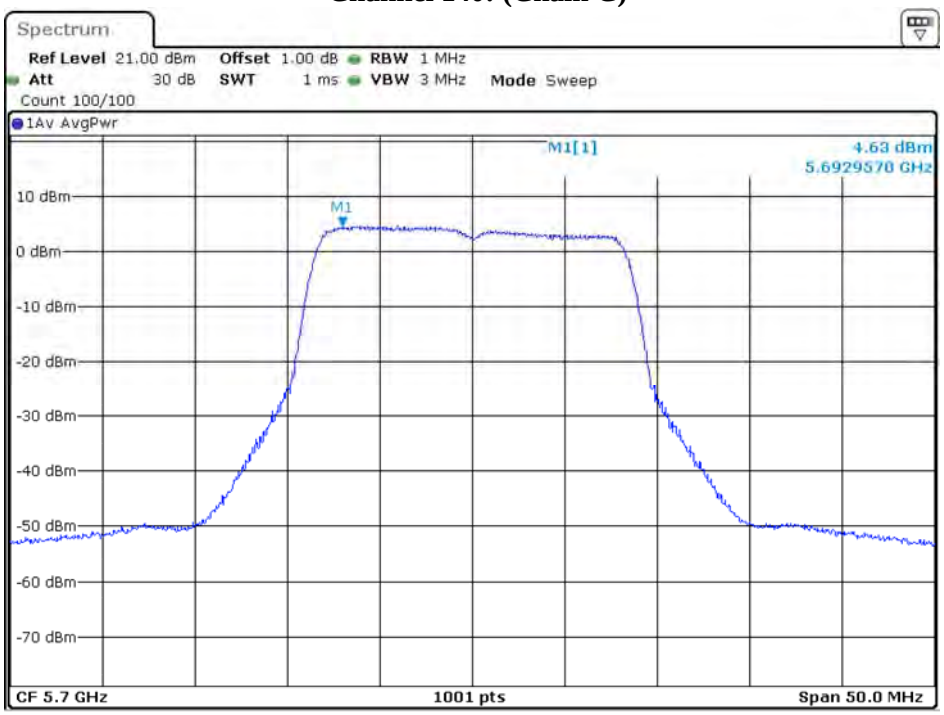
Date: 2.SEP.2020 15:59:11

Channel 140: (Chain B)



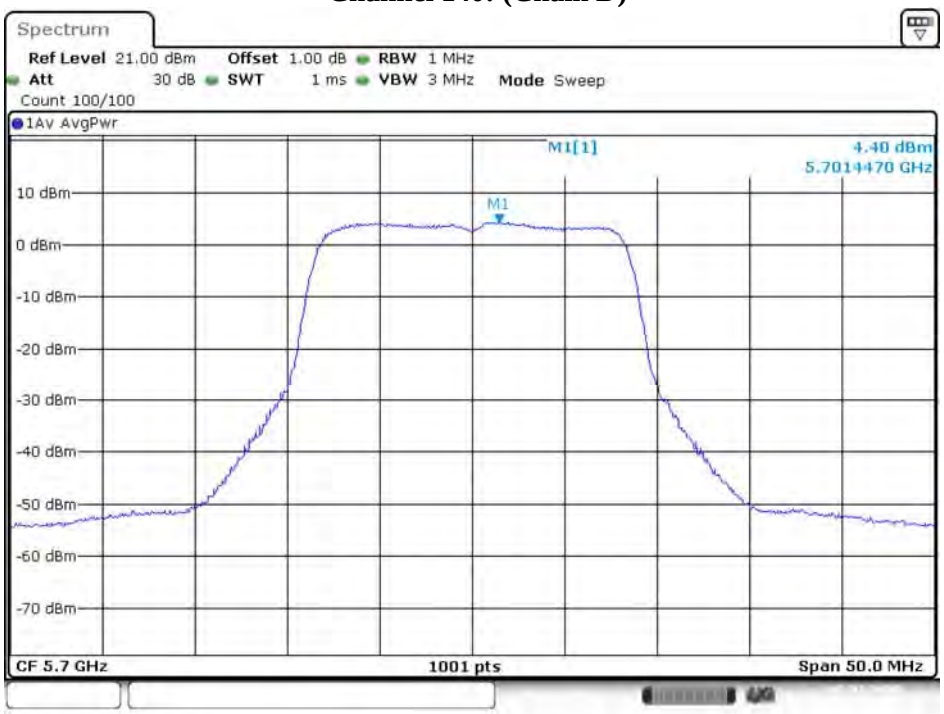
Date: 2.SEP.2020 08:04:59

Channel 140: (Chain C)



Date: 2.SEP.2020 15:57:48

Channel 140: (Chain D)



Date: 2.SEP.2020 08:03:28

Product : LV55
Test Item : Peak Power Spectral Density
Test Mode : Mode 7: Transmit (802.11ax-20MBW-CDD) (RU Config-Full)
Test Date : 2020/09/04

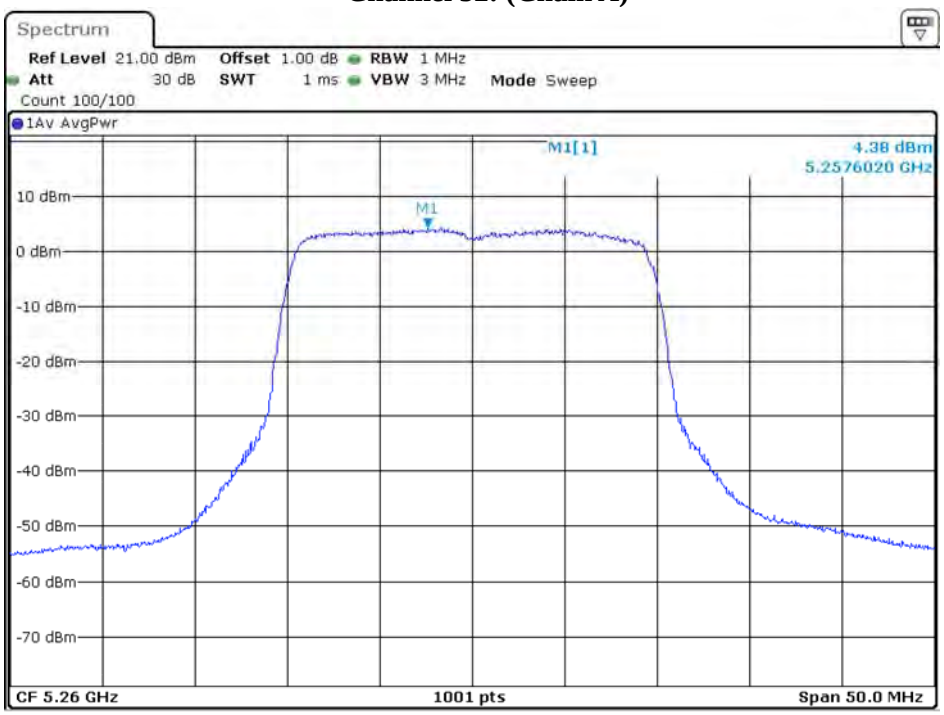
Channel Number	Frequency (MHz)	Chain	PPSD (dBm/MHz)	Duty Factor (dB)	Total PPSD (dBm/MHz)	Required Limit (dBm/MHz)	Result
52	5260	A	4.38	0.18	10.58	11	Pass
		B	4.32	0.18	10.52		Pass
		C	4.64	0.18	10.84		Pass
		D	4.30	0.18	10.50		Pass
60	5300	A	4.27	0.18	10.47	11	Pass
		B	4.52	0.18	10.72		Pass
		C	4.66	0.18	10.86		Pass
		D	4.37	0.18	10.57		Pass
64	5320	A	4.21	0.18	10.41	11	Pass
		B	4.58	0.18	10.78		Pass
		C	4.59	0.18	10.79		Pass
		D	4.64	0.18	10.84		Pass
100	5500	A	4.66	0.18	10.86	11	Pass
		B	3.65	0.18	9.85		Pass
		C	4.32	0.18	10.52		Pass
		D	4.12	0.18	10.32		Pass
116	5580	A	3.76	0.18	9.96	11	Pass
		B	4.19	0.18	10.39		Pass
		C	4.29	0.18	10.49		Pass
		D	4.45	0.18	10.65		Pass
140	5700	A	3.87	0.18	10.07	11	Pass
		B	4.61	0.18	10.81		Pass
		C	3.68	0.18	9.88		Pass
		D	3.97	0.18	10.17		Pass
144(U-NII-2C)	5720	A	3.91	0.18	10.11	11	Pass
		B	4.66	0.18	10.86		Pass
		C	4.63	0.18	10.83		Pass
		D	4.32	0.18	10.52		Pass

Note: The quantity 10*log 4 (four antennas) is added to the spectrum peak value according to document 662911 D01.

Channel Number	Frequency (MHz)	Chain	PPSD (dBm/100kHz)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm/500kHz)	Required Limit (dBm/500kHz)	Result
144(U-NII-3)	5720	A	-5.05	6.98	0.18	8.13	30	Pass
		B	-7.23	6.98	0.18	5.95		Pass
		C	-5.40	6.98	0.18	7.78		Pass
		D	-5.88	6.98	0.18	7.30		Pass

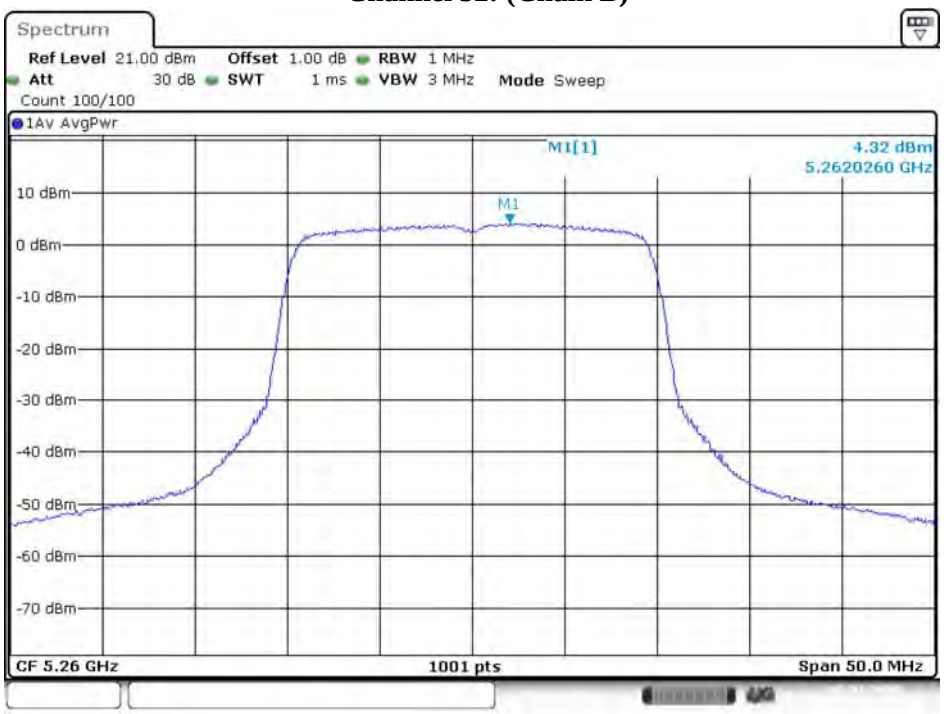
Note: The quantity 10*log 4 (four antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 52: (Chain A)



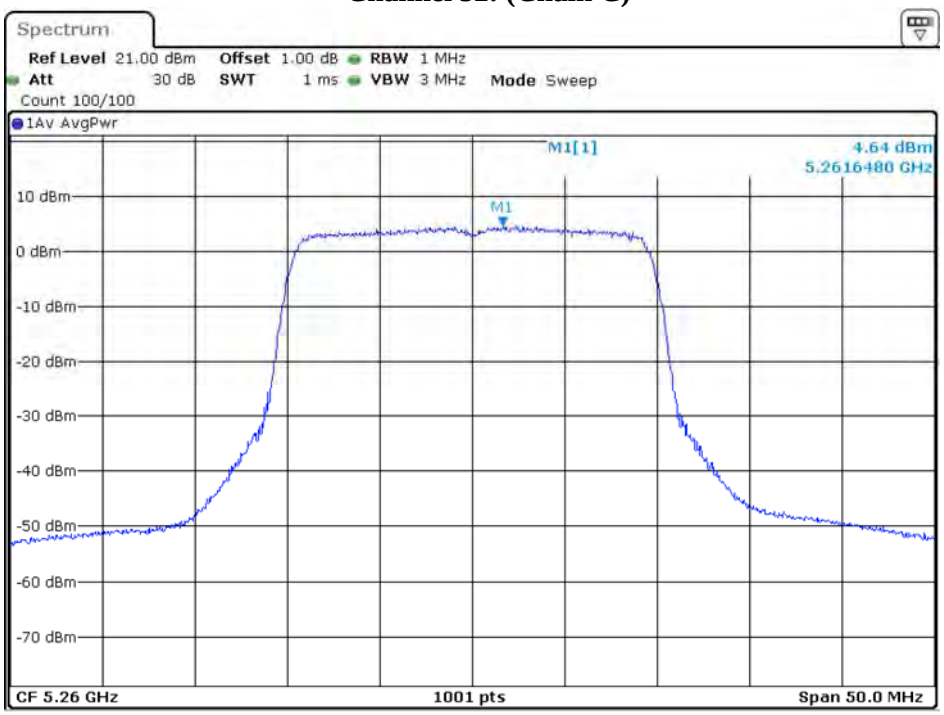
Date: 2.SEP.2020 16:15:14

Channel 52: (Chain B)



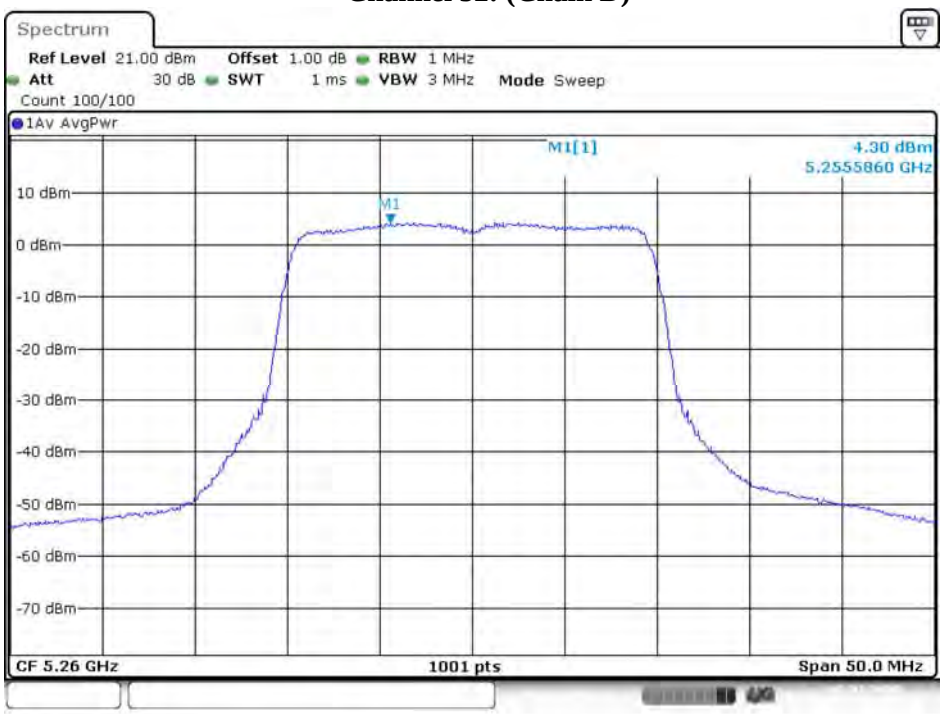
Date: 2.SEP.2020 08:20:52

Channel 52: (Chain C)



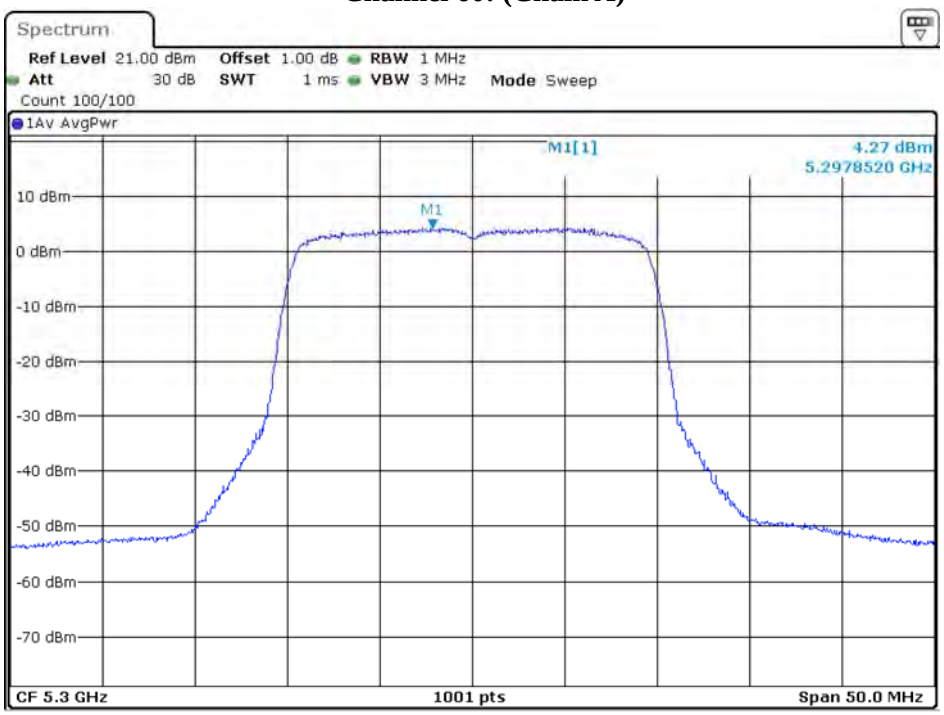
Date: 2.SEP.2020 16:18:01

Channel 52: (Chain D)



Date: 2.SEP.2020 08:23:34

Channel 60: (Chain A)

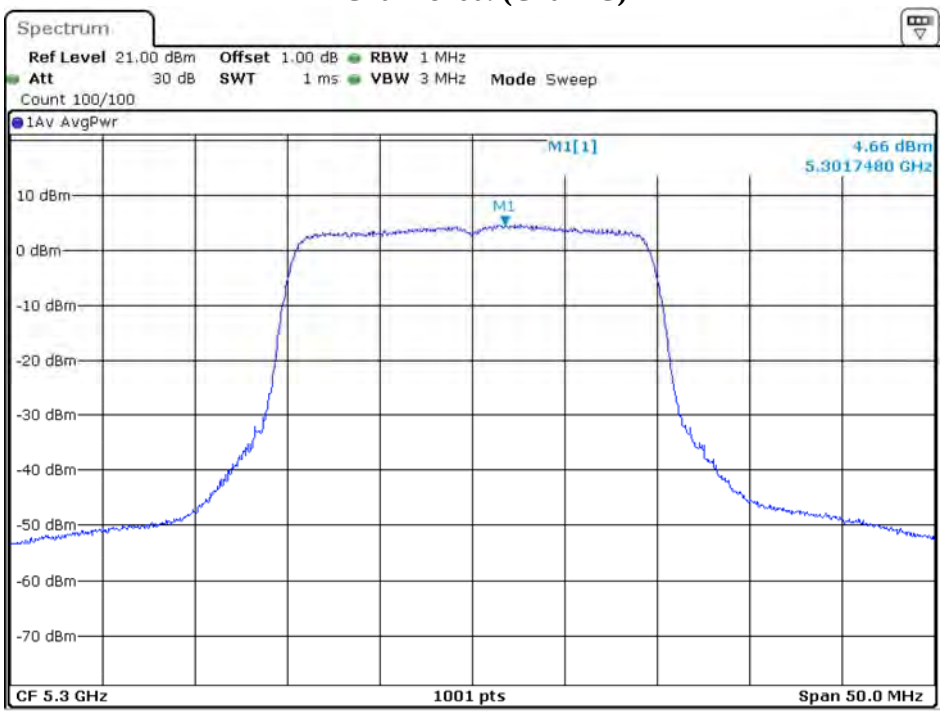


Date: 2.SEP.2020 16:29:26

Channel 60: (Chain B)

Date: 2.SEP.2020 08:34:58

Channel 60: (Chain C)

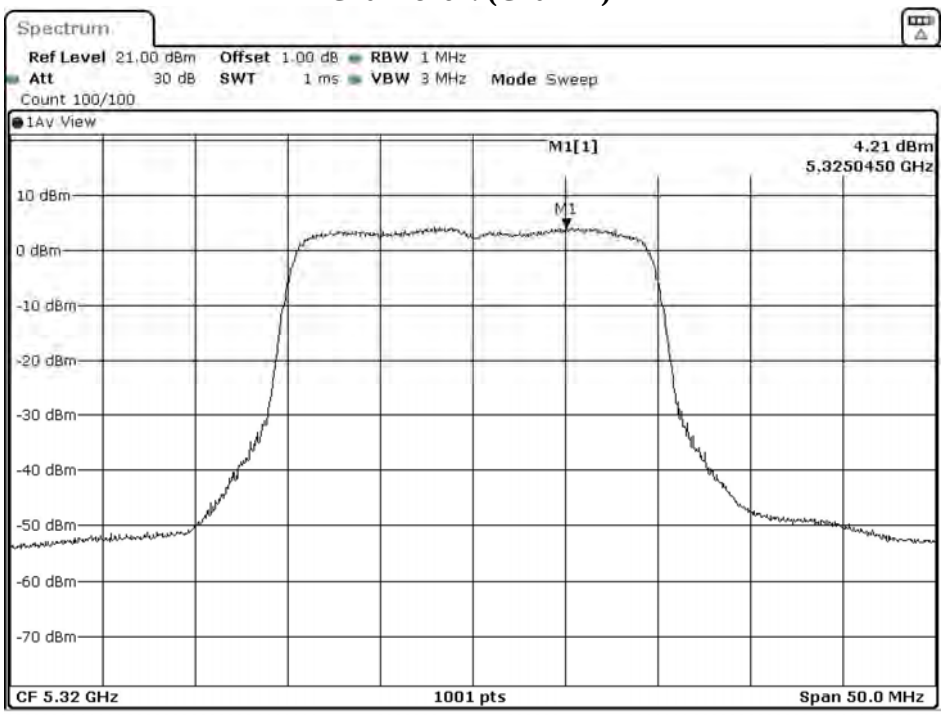


Date: 2.SEP.2020 16:27:32

Channel 60: (Chain D)

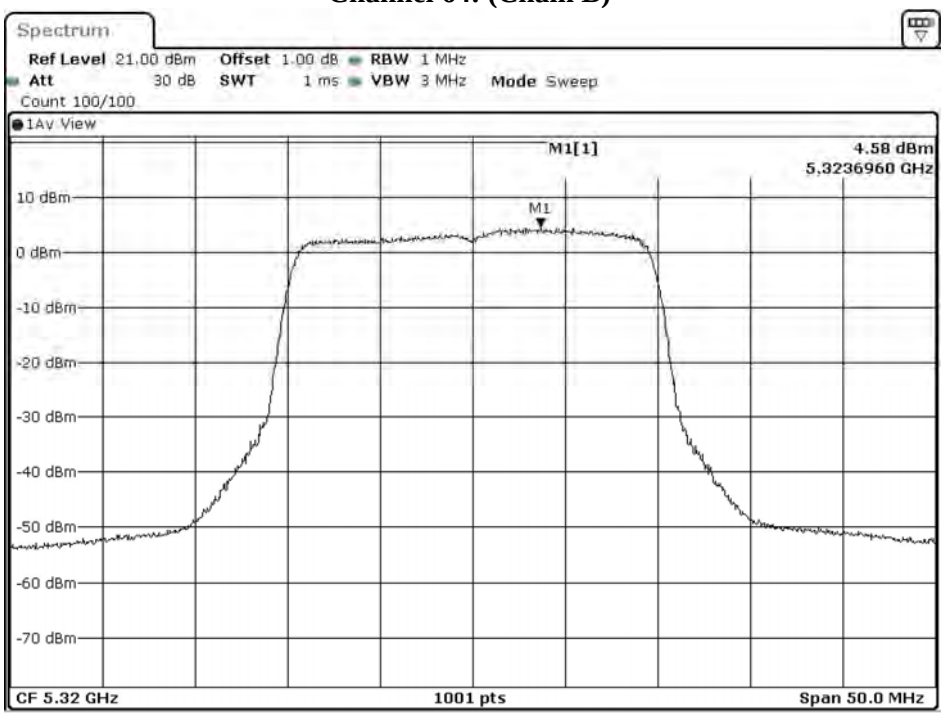
Date: 2.SEP.2020 08:33:23

Channel 64: (Chain A)



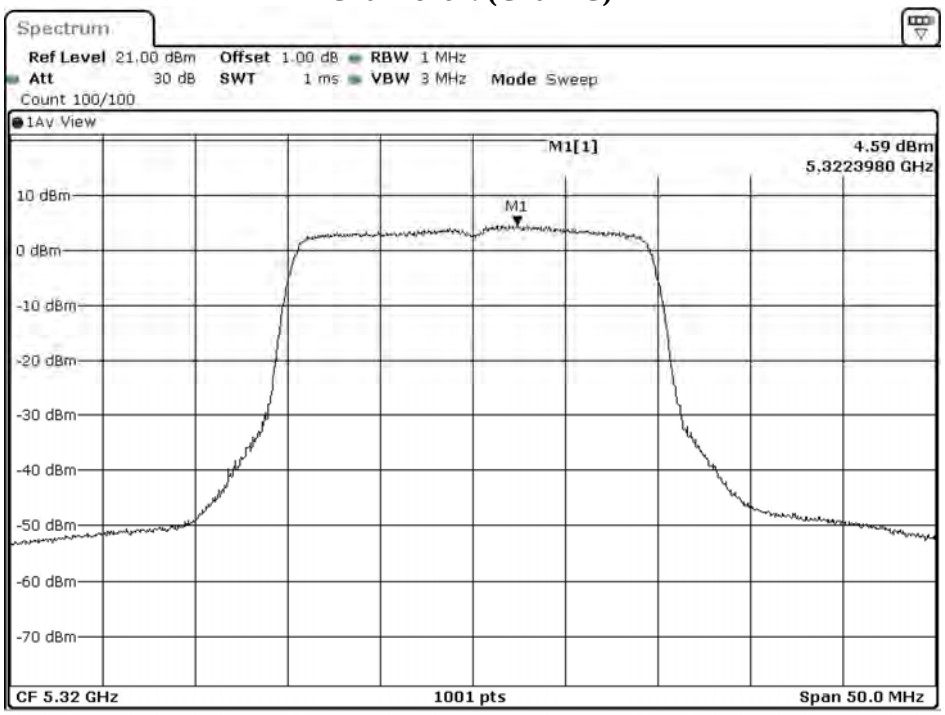
Date: 29.JUL.2020 04:56:38

Channel 64: (Chain B)



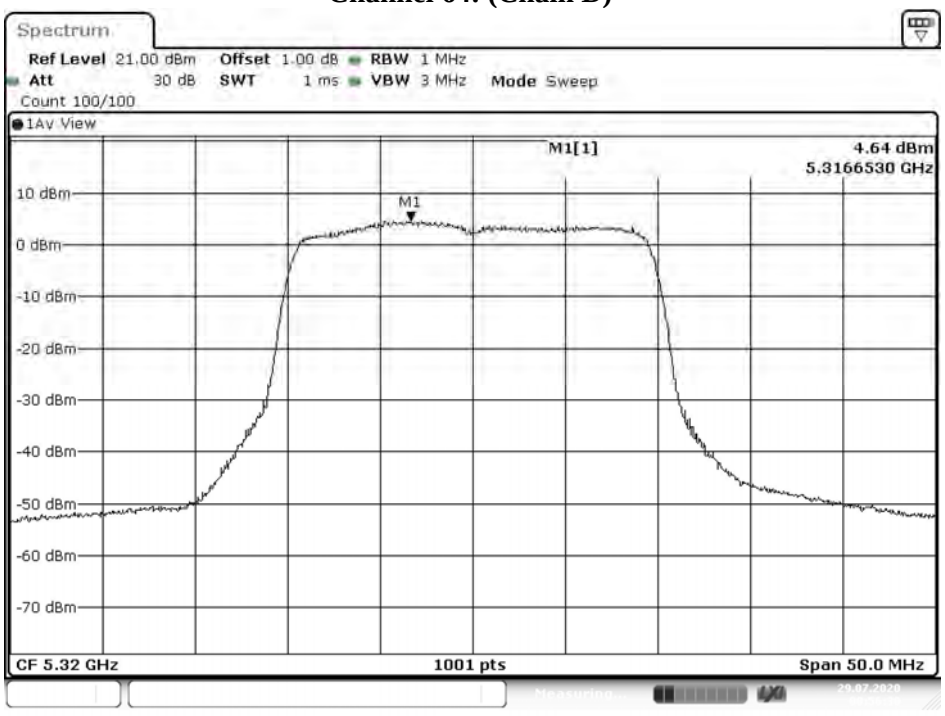
Date: 28.JUL.2020 16:58:48

Channel 64: (Chain C)



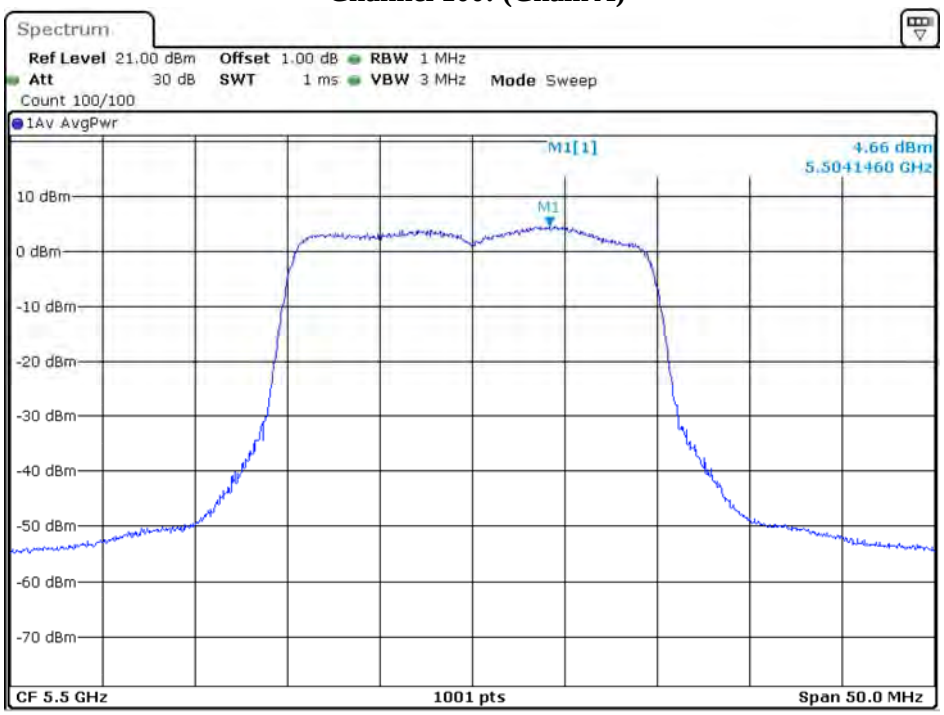
Date: 29.JUL.2020 00:53:26

Channel 64: (Chain D)



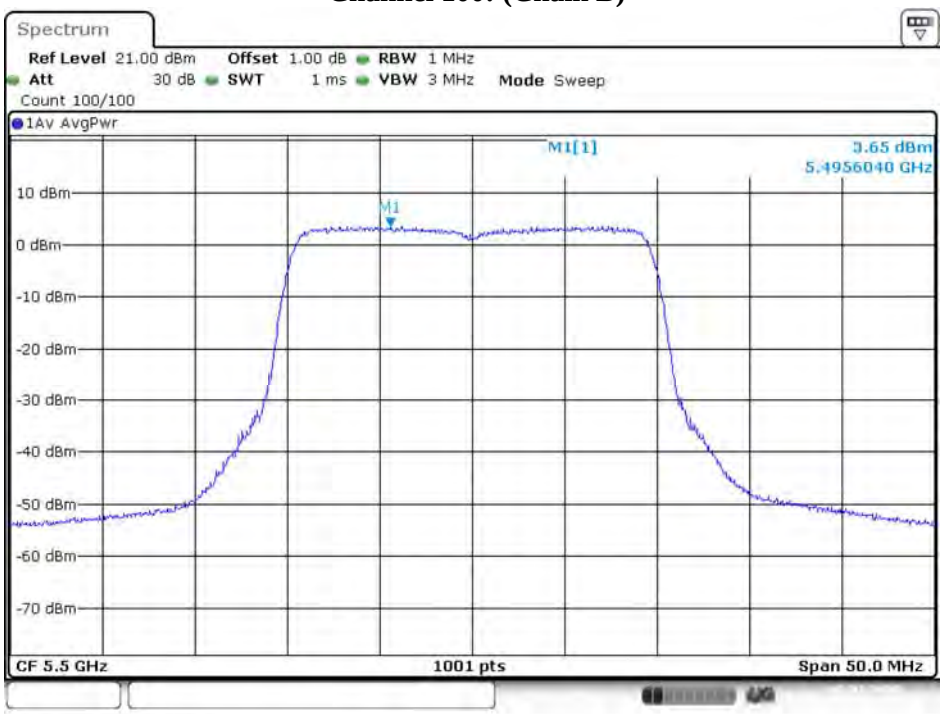
Date: 29.JUL.2020 00:56:30

Channel 100: (Chain A)



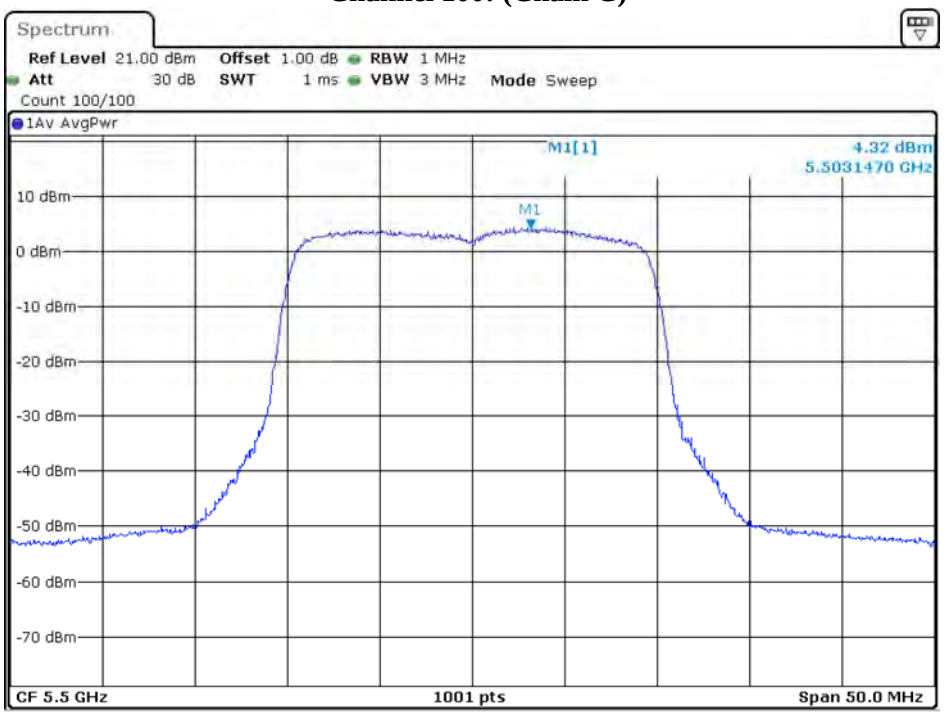
Date: 2.SEP.2020 16:37:05

Channel 100: (Chain B)



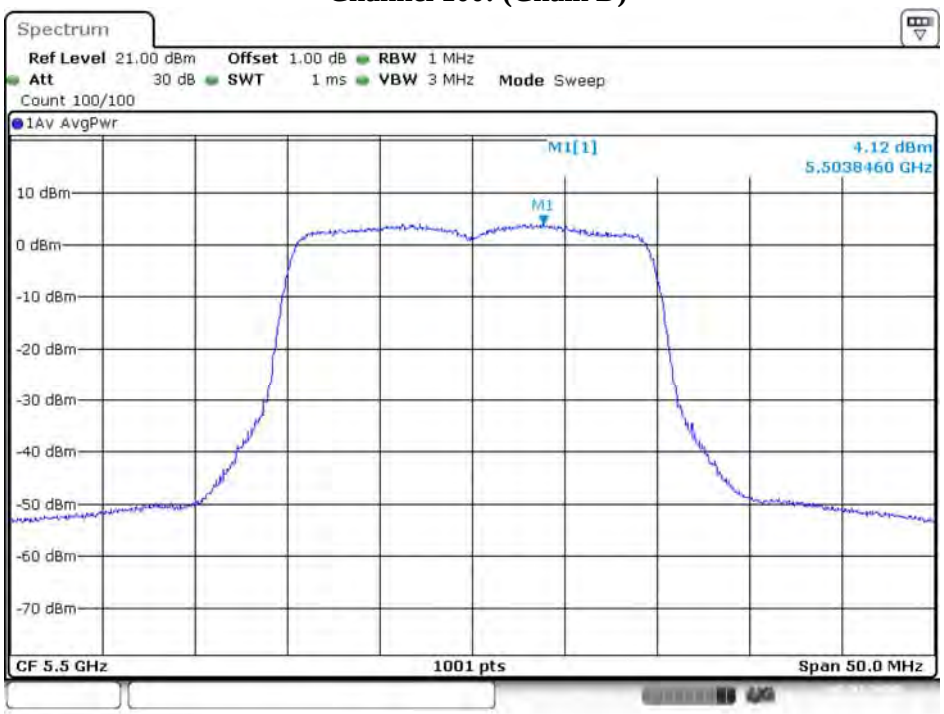
Date: 2.SEP.2020 08:42:48

Channel 100: (Chain C)



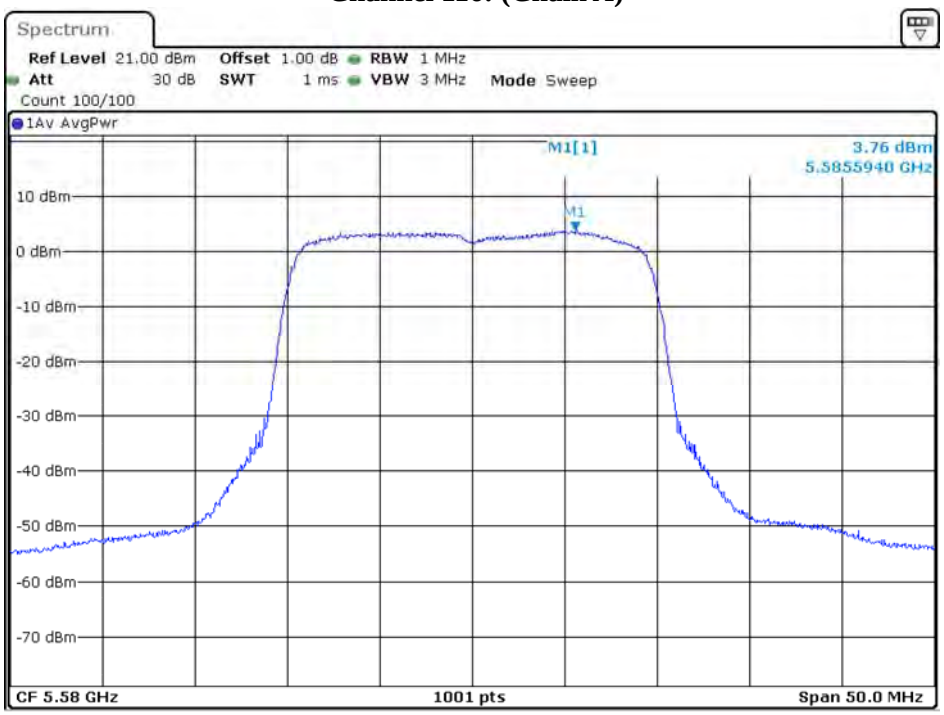
Date: 2.SEP.2020 16:39:08

Channel 100: (Chain D)



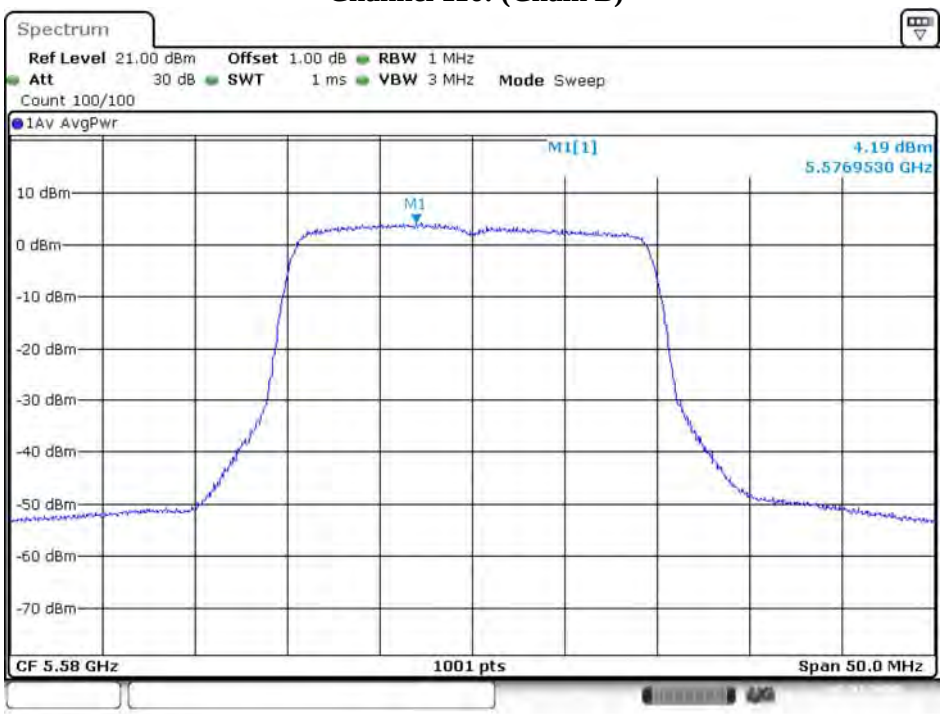
Date: 2.SEP.2020 08:44:40

Channel 116: (Chain A)



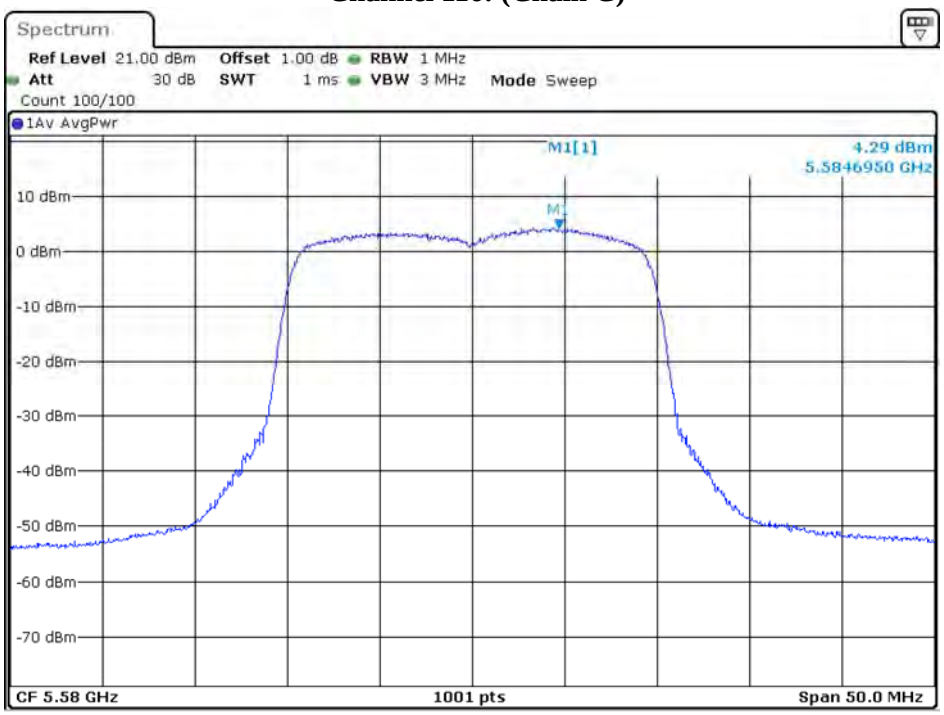
Date: 2.SEP.2020 16:55:56

Channel 116: (Chain B)



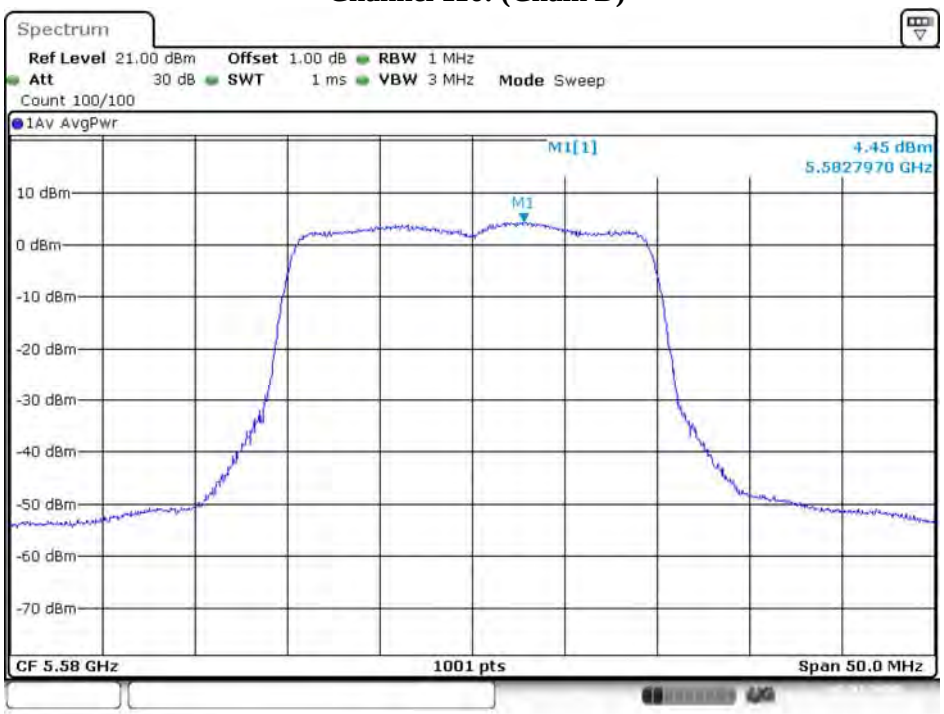
Date: 2.SEP.2020 09:01:32

Channel 116: (Chain C)



Date: 2.SEP.2020 16:50:22

Channel 116: (Chain D)



Date: 2.SEP.2020 08:55:56