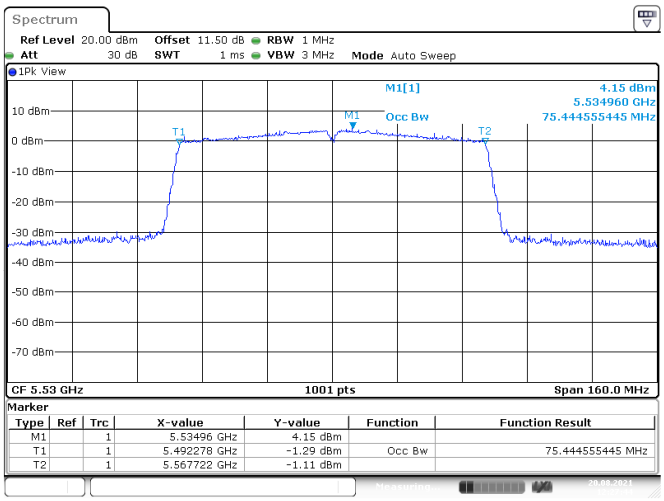
802.11ac VHT80

Channel 106

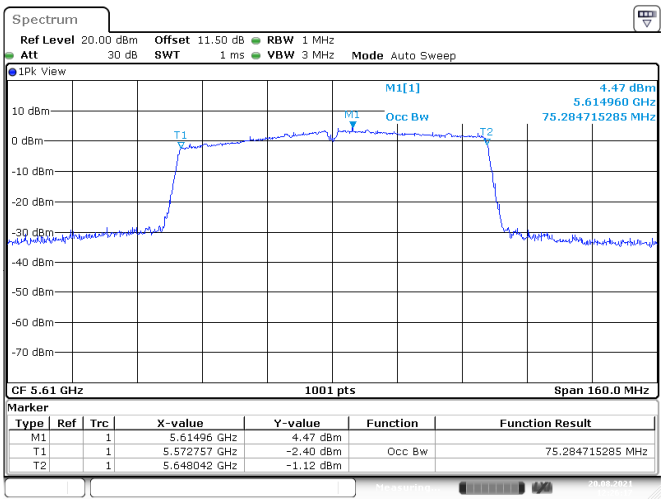


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.53496 GHz	4.15 dBm		
T1		1	5.492278 GHz	-1.29 dBm	Occ Bw	75.444555445 MHz
T2		1	5.567722 GHz	-1.11 dBm		

Date: 20.AUG.2021 12:27:44

Channel 122

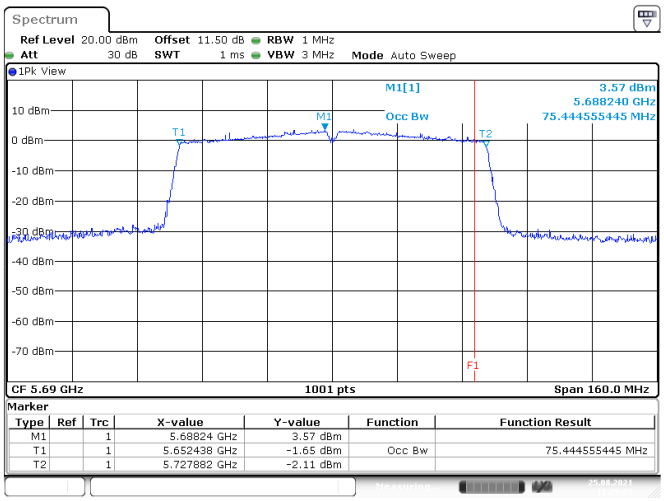


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.61496 GHz	4.47 dBm		
T1		1	5.572757 GHz	-2.40 dBm	Occ Bw	75.284715285 MHz
T2		1	5.648042 GHz	-1.12 dBm		

Date: 20.AUG.2021 12:26:17

Channel 138 (U-NII-2C)

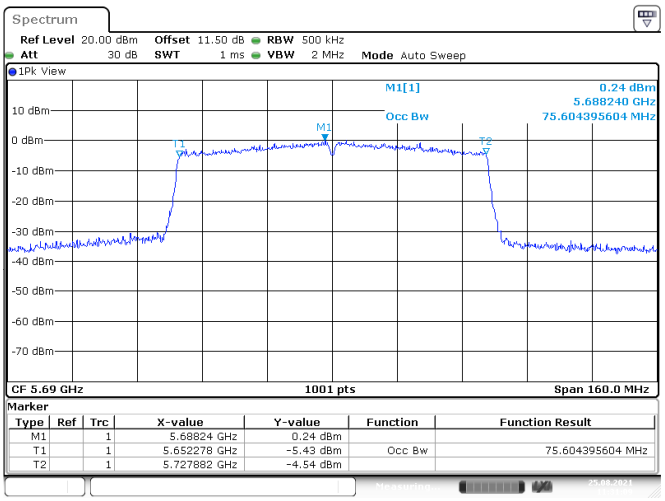


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.68824 GHz	3.57 dBm		
T1		1	5.652438 GHz	-1.65 dBm	Occ Bw	75.444555445 MHz
T2		1	5.727882 GHz	-2.11 dBm		

Date: 25.AUG.2021 11:29:28

Channel 138 (U-NII-3)

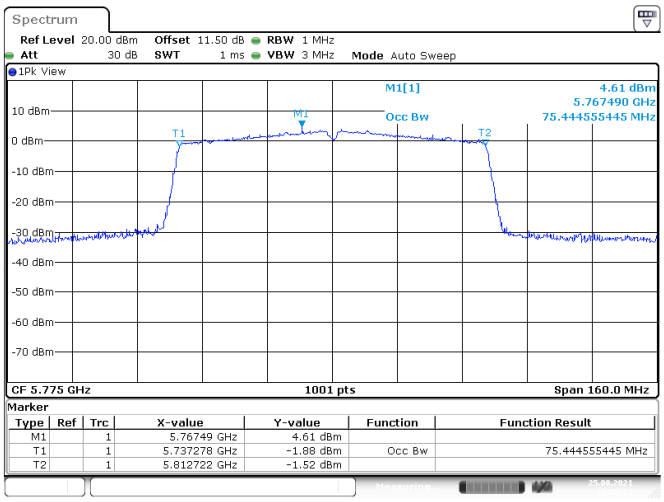


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.68824 GHz	0.24 dBm		
T1		1	5.652278 GHz	-5.43 dBm	Occ Bw	75.604395604 MHz
T2		1	5.727882 GHz	-4.54 dBm		

Date: 25.AUG.2021 11:31:09

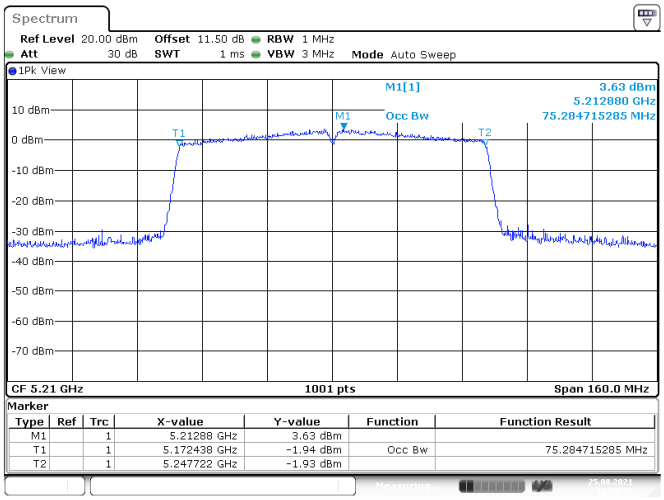
Channel 155



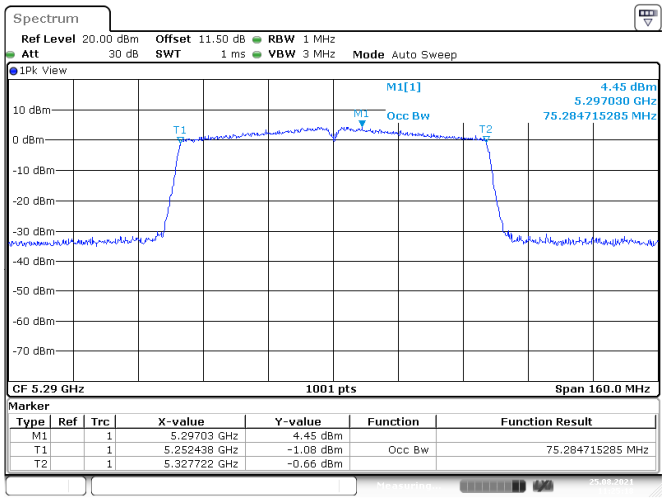
<Chain 1>

802.11ac VHT80

Channel 42

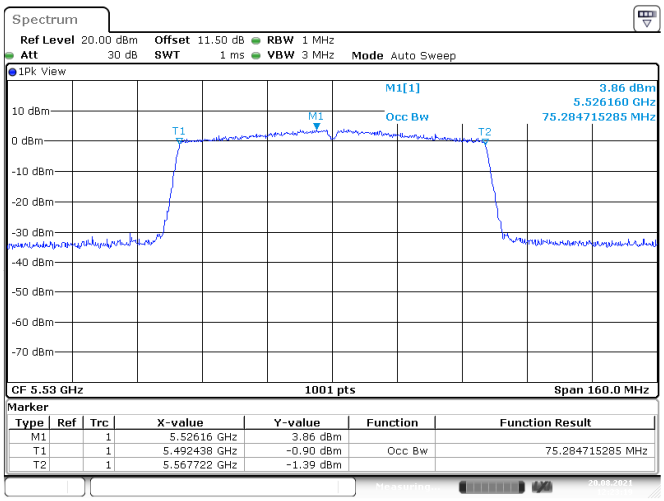


Channel 58



802.11ac VHT80

Channel 106

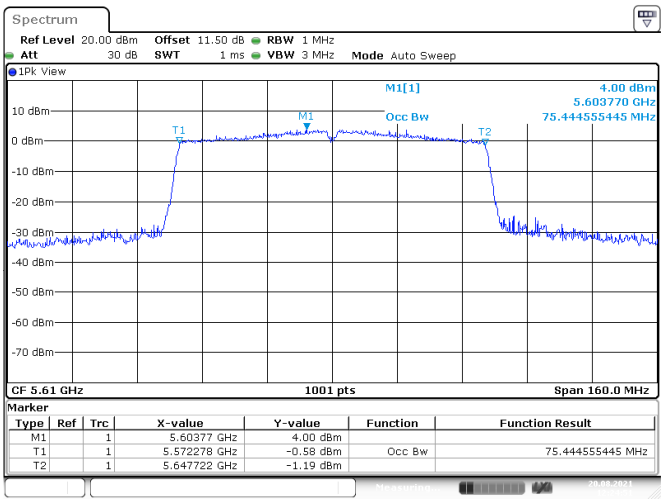


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.52616 GHz	3.86 dBm		
T1		1	5.492438 GHz	-0.90 dBm	Occ Bw	75.284715285 MHz
T2		1	5.567722 GHz	-1.39 dBm		

Date: 20.AUG.2021 12:23:19

Channel 122

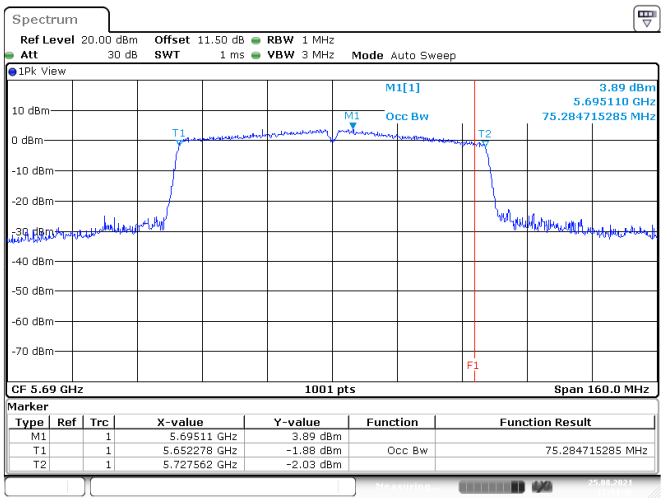


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.60377 GHz	4.00 dBm		
T1		1	5.572278 GHz	-0.58 dBm	Occ Bw	75.444555445 MHz
T2		1	5.647722 GHz	-1.19 dBm		

Date: 20.AUG.2021 12:24:51

Channel 138 (U-NII-2C)

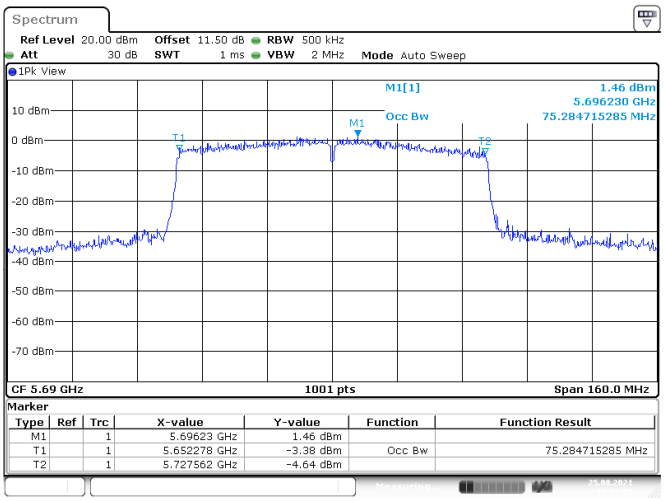


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.69511 GHz	3.89 dBm		
T1		1	5.652278 GHz	-1.88 dBm	Occ Bw	75.284715285 MHz
T2		1	5.727562 GHz	-2.03 dBm		

Date: 25.AUG.2021 11:34:46

Channel 138 (U-NII-3)

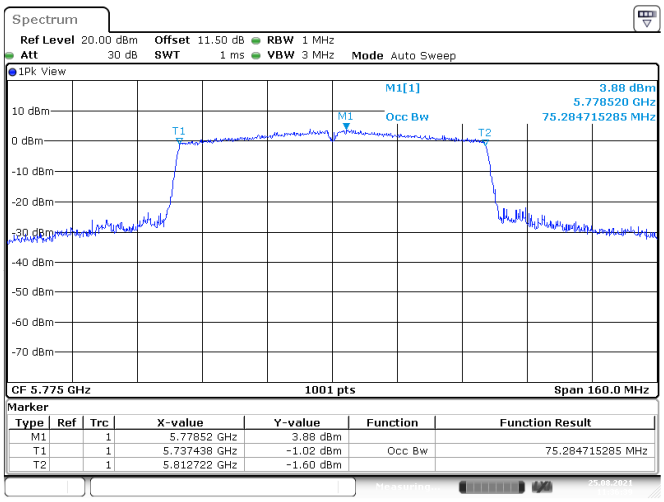


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.69623 GHz	1.46 dBm		
T1		1	5.652278 GHz	-3.38 dBm	Occ Bw	75.284715285 MHz
T2		1	5.727562 GHz	-4.64 dBm		

Date: 25.AUG.2021 11:33:05

Channel 155


Spectrum
Ref Level 20.00 dBm Offset 11.50 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
1Pk View
M1[1] 3.88 dBm
5.778520 GHz
Occ Bw 75.284715285 MHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
T1
M1
T2
CF 5.775 GHz
1001 pts
Span 160.0 MHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 5.77852 GHz 3.88 dBm
T1 1 5.737438 GHz -1.02 dBm Occ Bw 75.284715285 MHz
T2 1 5.812722 GHz -1.60 dBm
Date: 25.AUG.2021 11:36:39

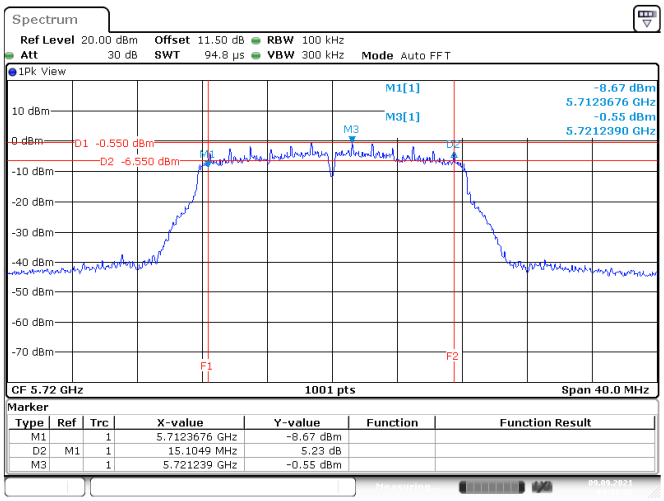
Test Result of 6 dB Bandwidth

802.11a

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-3	144	5720	2.47	2.47
	149	5745	15.14	15.10
	157	5785	15.06	15.10
	165	5825	15.10	15.10

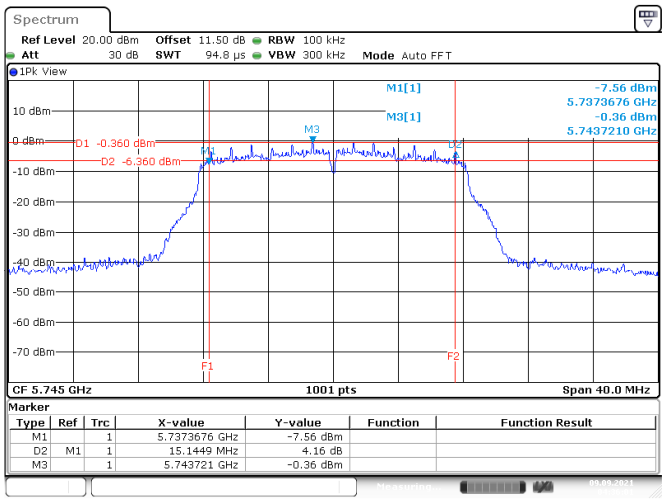
<Chain 0>

Channel 144 (U-NII-3)



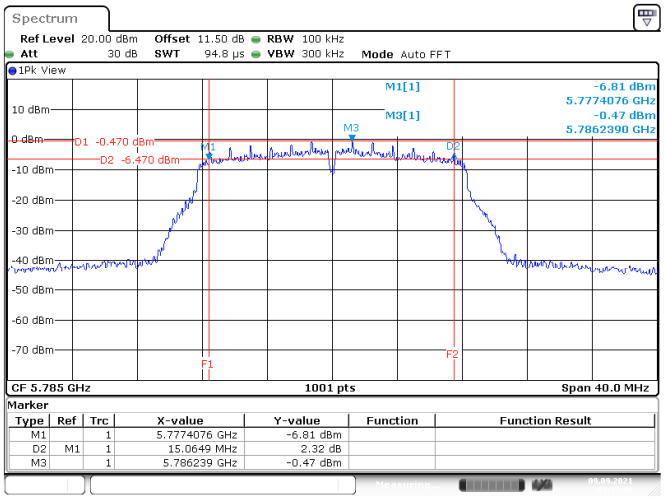
Date: 9.SEP.2021 04:33:56

Channel 149



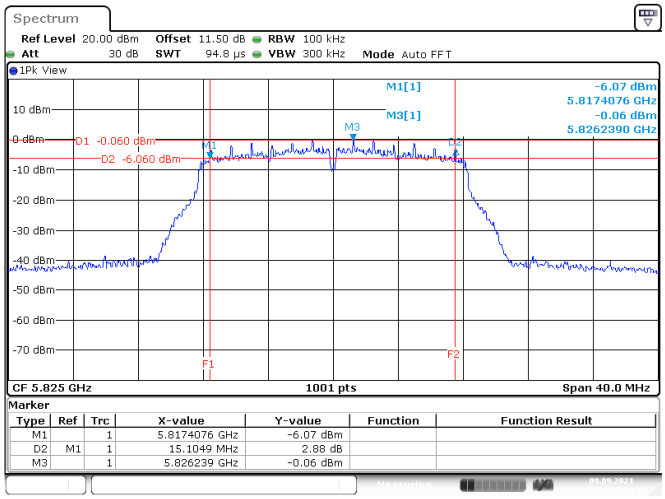
Date: 9.SEP.2021 04:36:02

Channel 157



Date: 9.SEP.2021 04:37:42

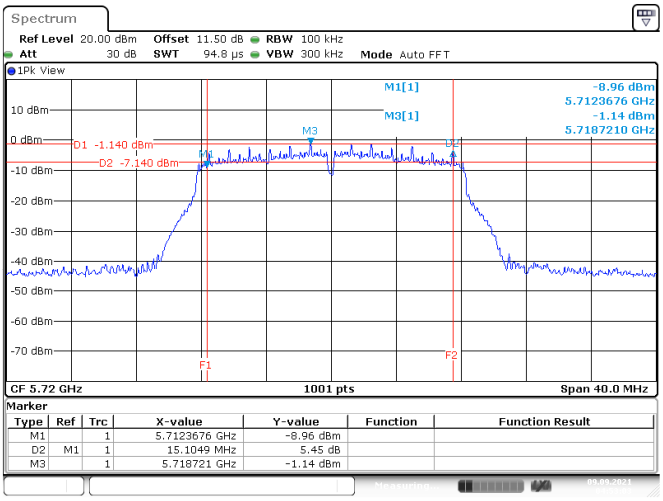
Channel 165



Date: 9.SEP.2021 04:39:14

<Chain 1>

Channel 144 (U-NII-3)

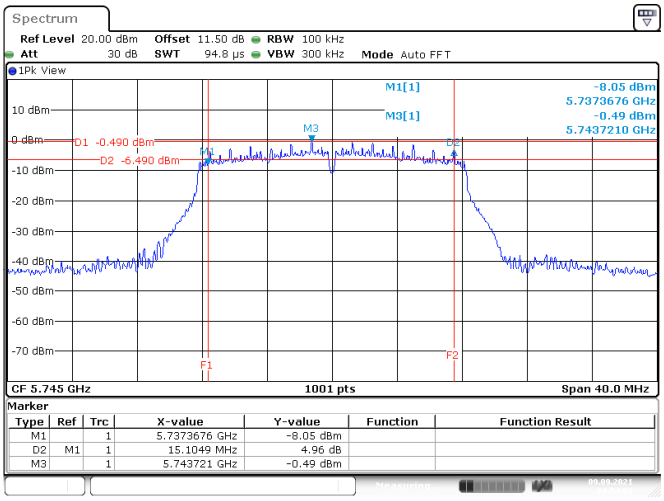


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7123676 GHz	-8.96 dBm		
D2	M1	1	15.1049 MHz	5.45 dB		
M3		1	5.718721 GHz	-1.14 dBm		

Date: 9.SEP.2021 04:53:03

Channel 149

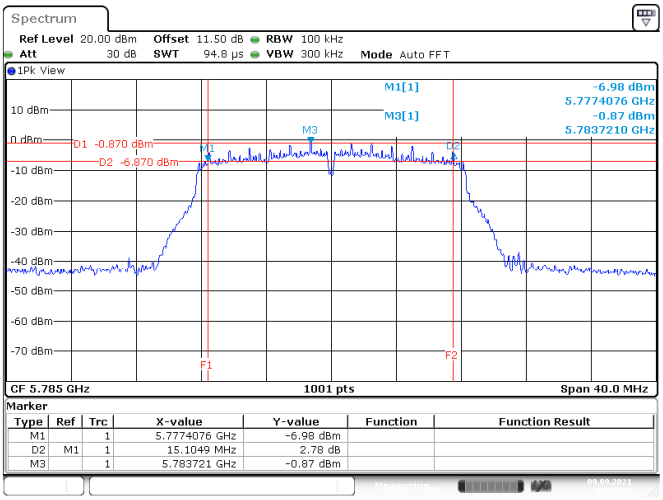


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7373676 GHz	-8.05 dBm		
D2	M1	1	15.1049 MHz	4.96 dB		
M3		1	5.743721 GHz	-0.49 dBm		

Date: 9.SEP.2021 04:54:59

Channel 157

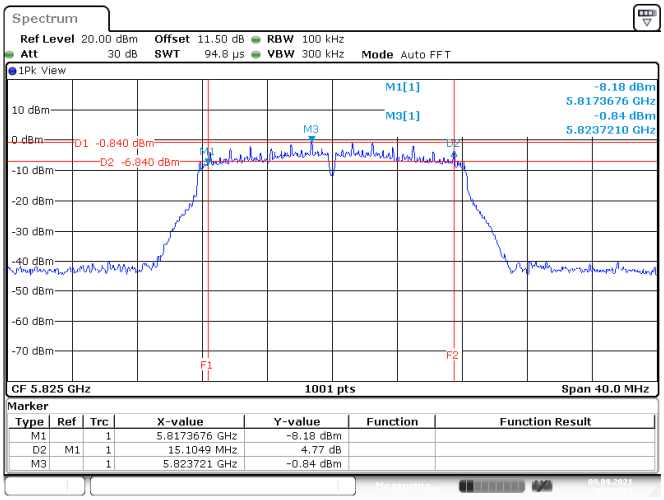


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7774076 GHz	-6.98 dBm		
D2	M1	1	15.1049 MHz	2.78 dB		
M3		1	5.783721 GHz	-0.87 dBm		

Date: 9.SEP.2021 04:56:49

Channel 165



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8173676 GHz	-8.18 dBm		
D2	M1	1	15.1049 MHz	4.77 dB		
M3		1	5.823721 GHz	-0.84 dBm		

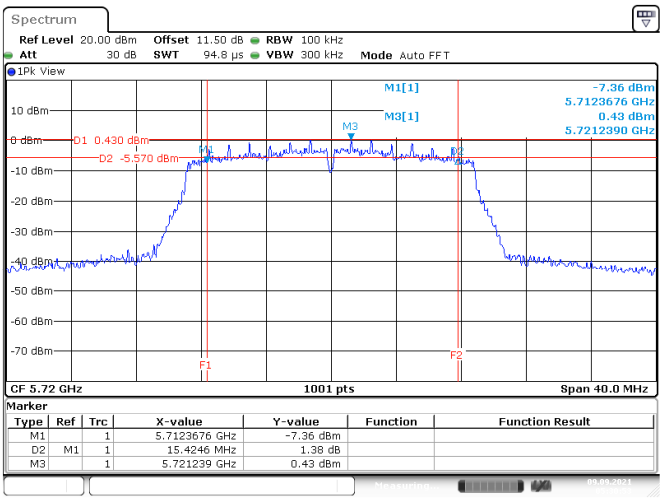
Date: 9.SEP.2021 04:58:21

802.11n HT20

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-3	144	5720	2.79	2.47
	149	5745	15.46	15.66
	157	5785	15.06	16.26
	165	5825	15.14	16.26

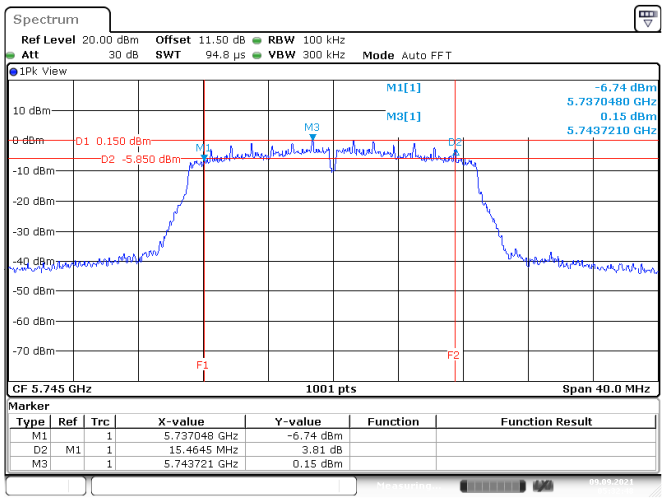
<Chain 0>

Channel 144 (U-NII-3)



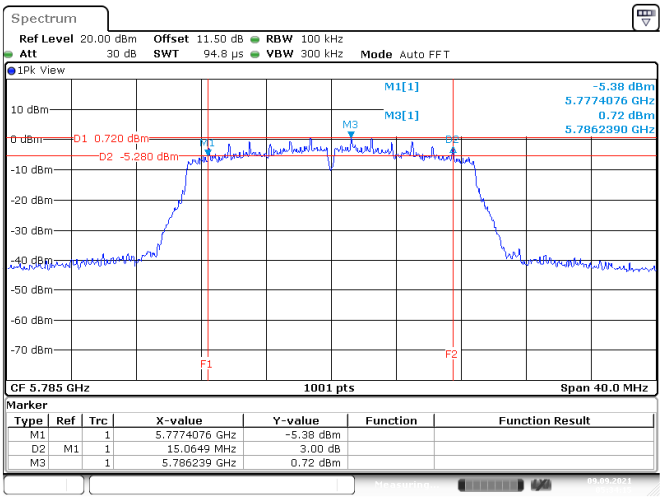
Date: 9.SEP.2021 05:30:54

Channel 149



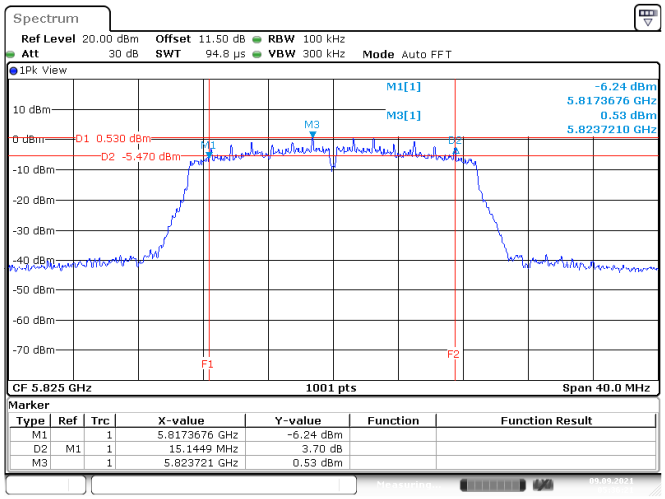
Date: 9.SEP.2021 05:32:48

Channel 157



Date: 9.SEP.2021 05:34:16

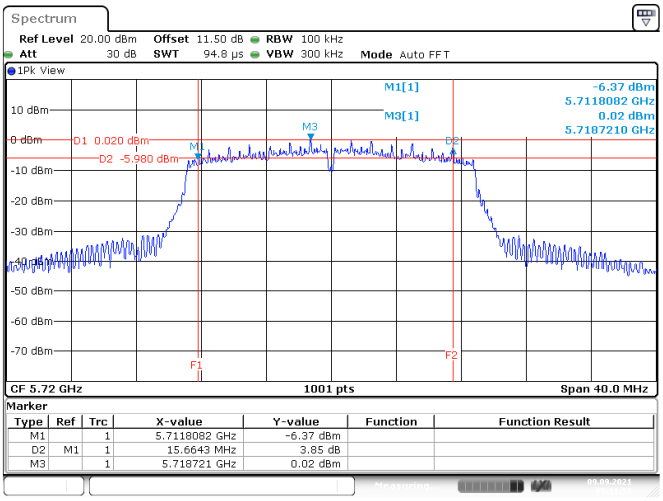
Channel 165



Date: 9.SEP.2021 05:36:21

<Chain 1>

Channel 144 (U-NII-3)

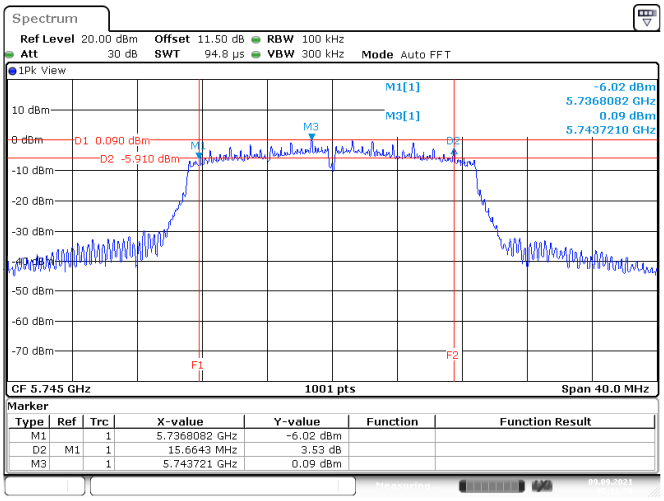


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7118082 GHz	-6.37 dBm		
D2	M1	1	15.6643 MHz	3.85 dB		
M3		1	5.718721 GHz	0.02 dBm		

Date: 9.SEP.2021 05:11:53

Channel 149

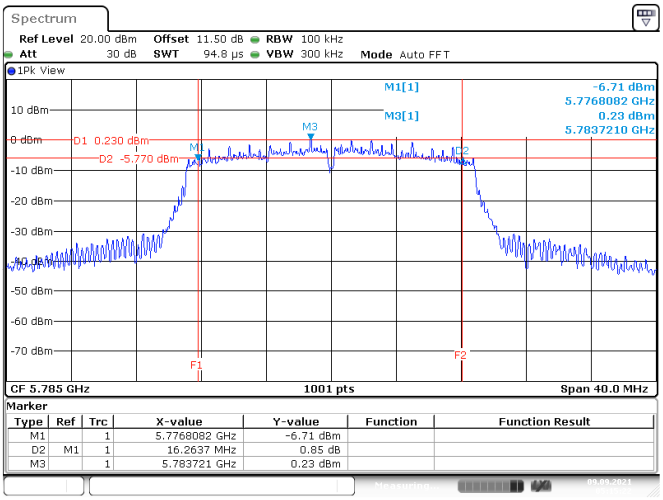


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7368082 GHz	-6.02 dBm		
D2	M1	1	15.6643 MHz	3.53 dB		
M3		1	5.743721 GHz	0.09 dBm		

Date: 9.SEP.2021 05:13:50

Channel 157

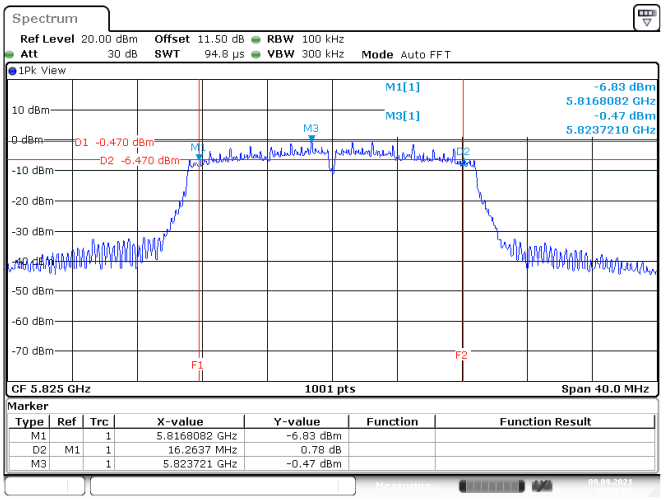


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7768082 GHz	-6.71 dBm		
D2	M1	1	16.2637 MHz	0.85 dB		
M3		1	5.783721 GHz	0.23 dBm		

Date: 9.SEP.2021 05:15:22

Channel 165



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8168082 GHz	-6.83 dBm		
D2	M1	1	16.2637 MHz	0.78 dB		
M3		1	5.823721 GHz	-0.47 dBm		

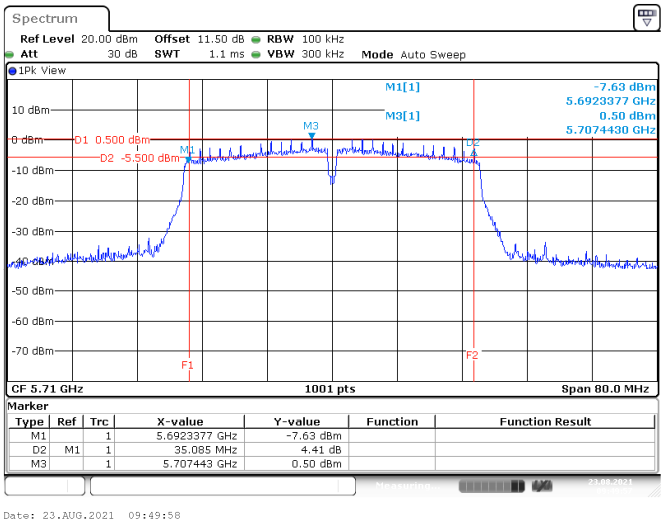
Date: 9.SEP.2021 05:16:51

802.11n HT40

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-3	142	5710	2.42	2.42
	151	5755	35.09	35.09
	159	5795	35.09	35.09

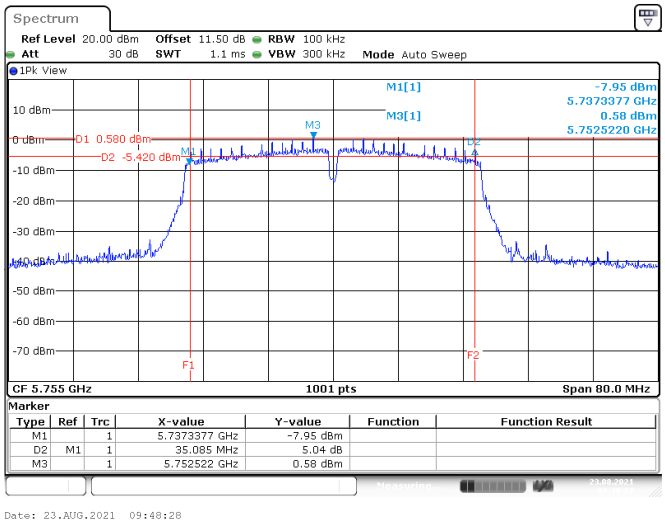
<Chain 0>

Channel 142 (U-NII-3)



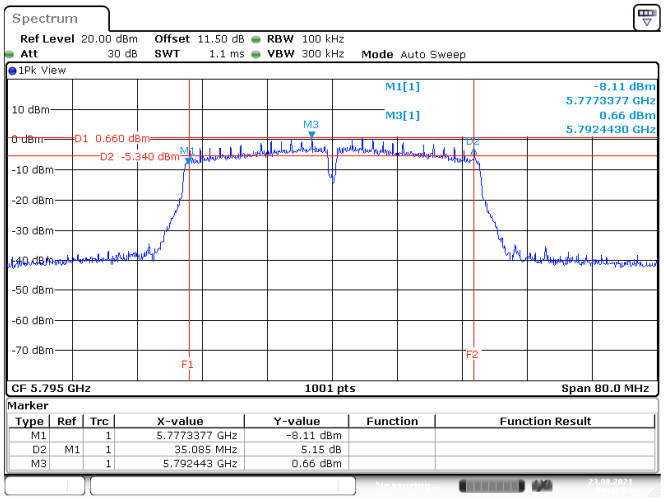
Date: 23.AUG.2021 09:49:58

Channel 151



Date: 23.AUG.2021 09:48:28

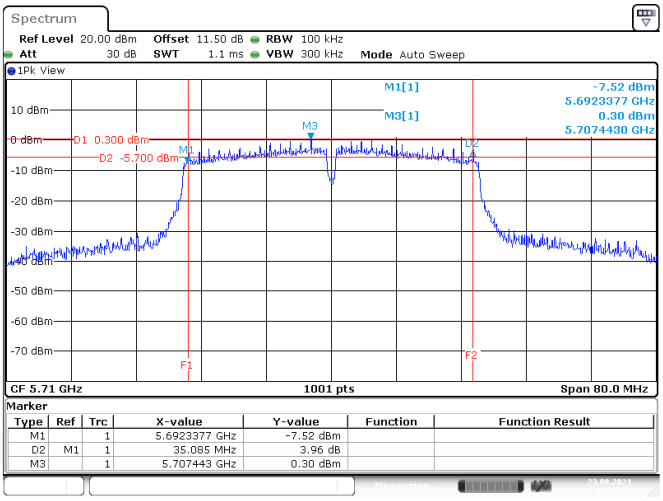
Channel 159



Date: 23.AUG.2021 09:47:01

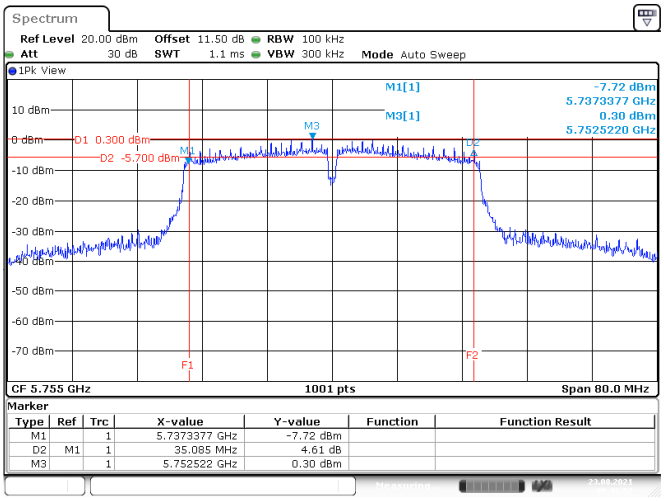
<Chain 1>

Channel 142 (U-NII-3)



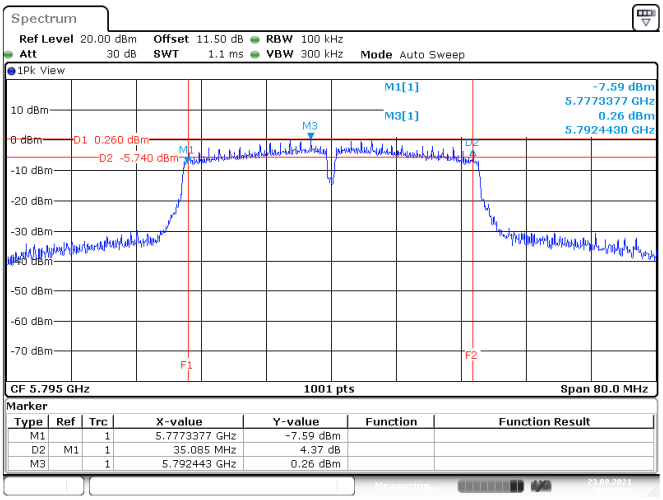
Date: 23.AUG.2021 09:42:12

Channel 151



Date: 23.AUG.2021 09:43:58

Channel 159



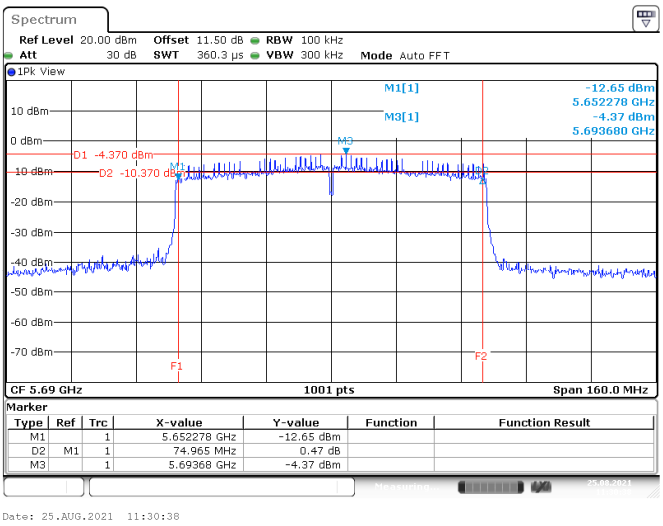
Date: 23.AUG.2021 09:45:36

802.11ac VHT80

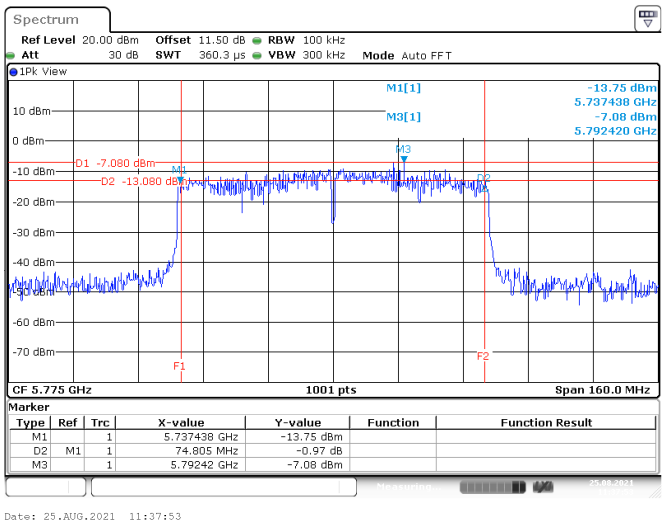
Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-3	138	5690	2.24	2.24
	155	5775	74.81	74.97

<Chain 0>

Channel 138 (U-NII-3)

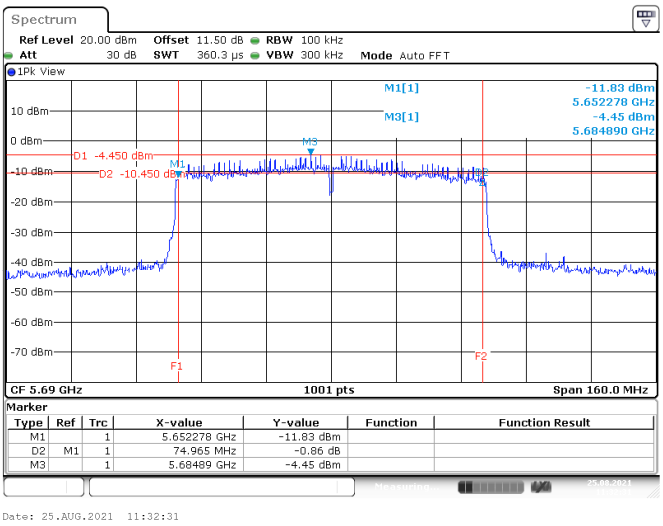


Channel 155

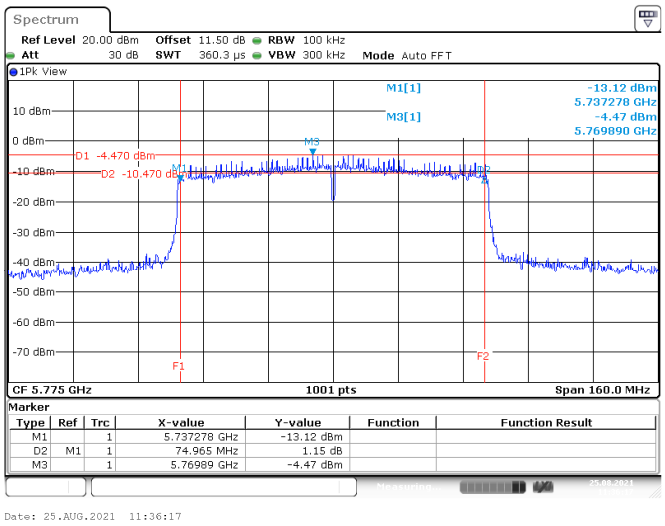


<Chain 1>

Channel 138 (U-NII-3)



Channel 155



Test Result of Power Spectral Density

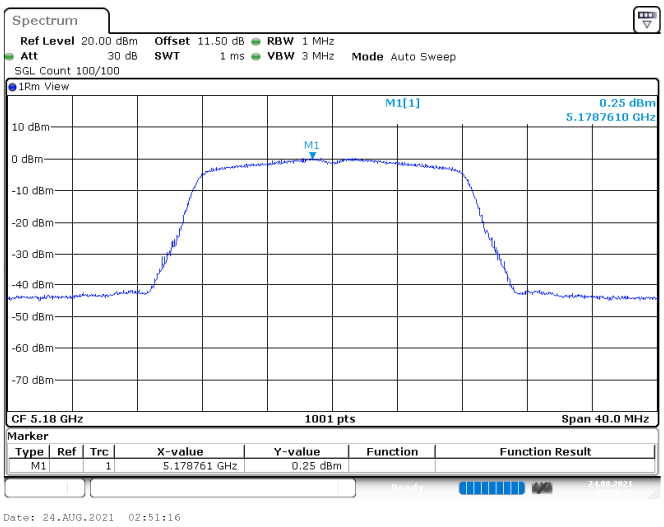
802.11a

Band	Channel	Frequency (MHz)	PSD with Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	36	5180	0.25	-0.51	2.99	11	Pass
	40	5200	0.62	-0.12	3.37	11	Pass
	48	5240	0.54	-0.38	3.21	11	Pass
U-NII-2A	52	5260	-0.21	-0.22	2.89	11	Pass
	60	5300	-0.12	-0.44	2.83	11	Pass
	64	5320	0.03	-0.15	3.04	11	Pass
U-NII-2C	100	5500	0.15	0.17	3.26	10.86	Pass
	116	5580	0.05	0.13	3.19	10.86	Pass
	140	5700	0.12	-0.12	3.10	10.86	Pass
	144	5720	-0.10	-0.49	2.81	10.86	Pass

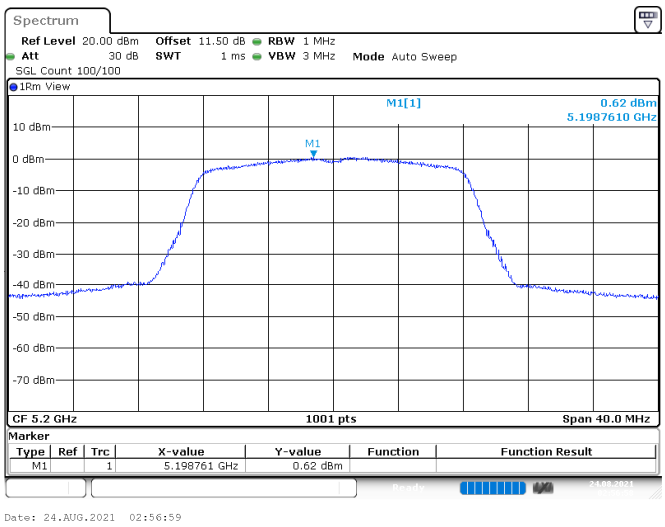
<Chain 0>

802.11a

Channel 36

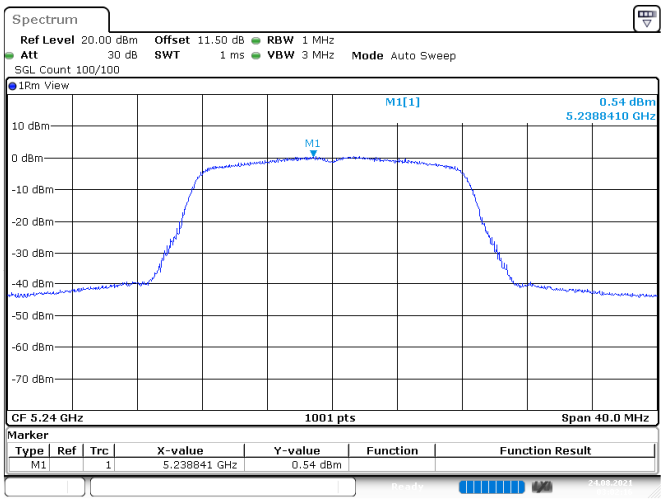


Channel 40



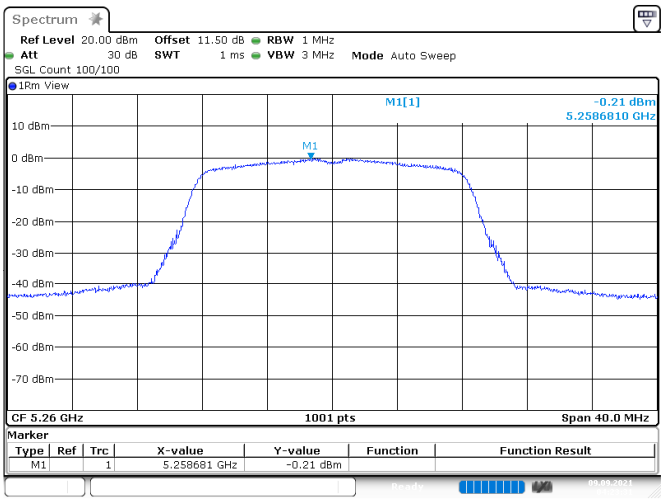
802.11a

Channel 48



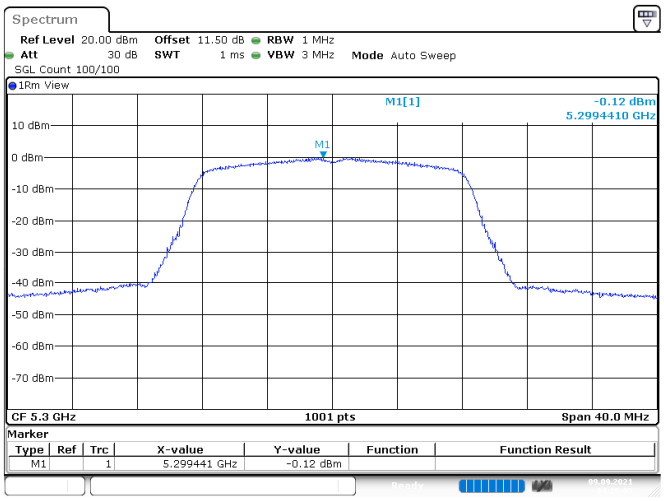
Date: 24.AUG.2021 03:02:16

Channel 52



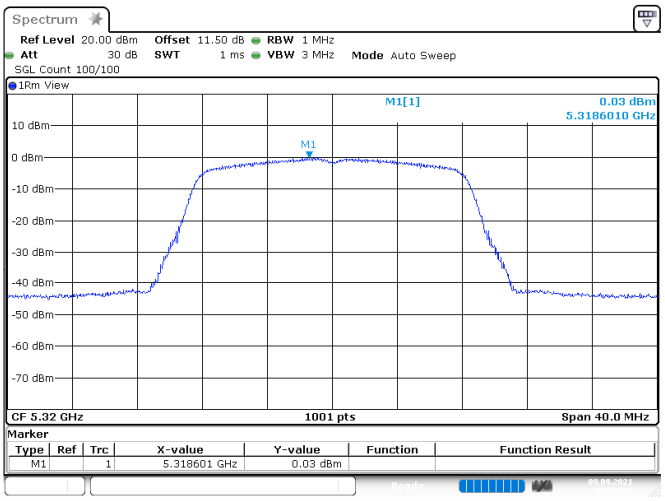
Date: 9.SEP.2021 04:23:31

Channel 60



Date: 9.SEP.2021 04:25:05

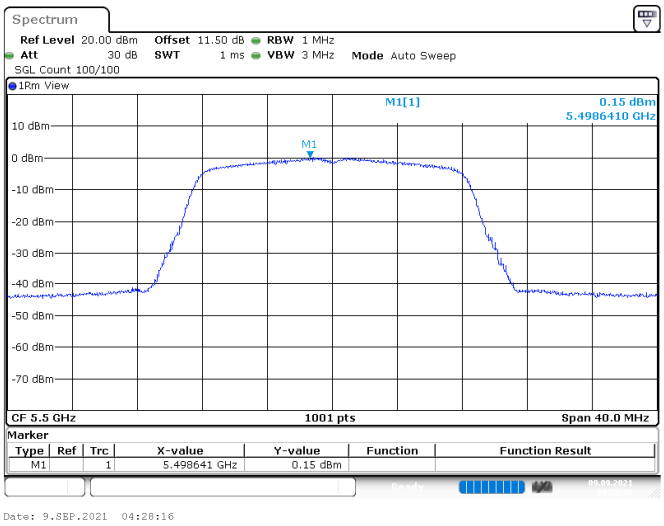
Channel 64



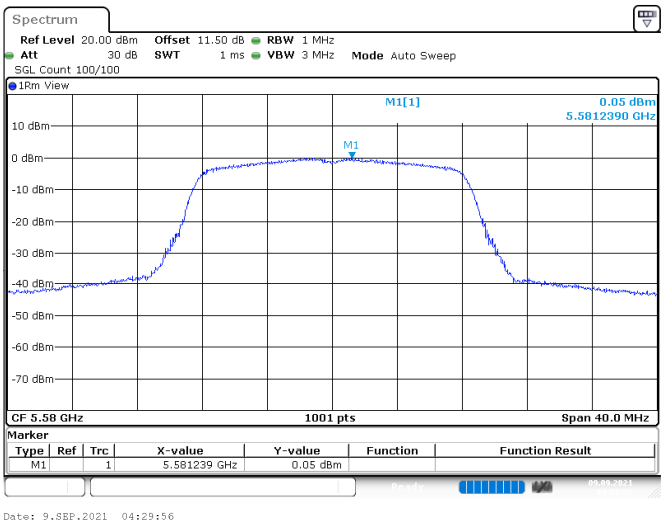
Date: 9.SEP.2021 04:26:41

802.11a

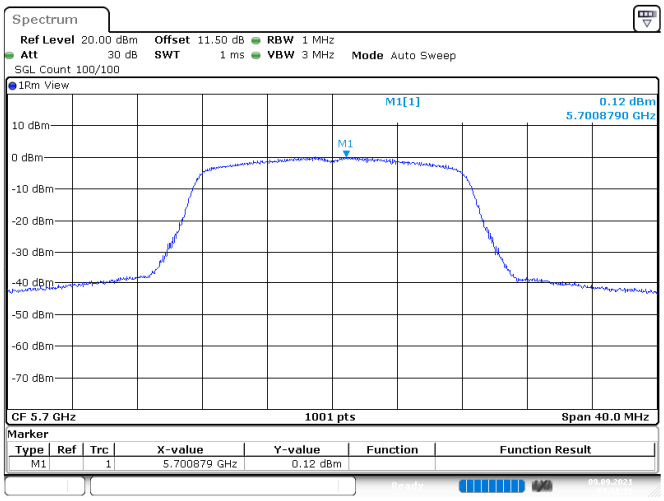
Channel 100



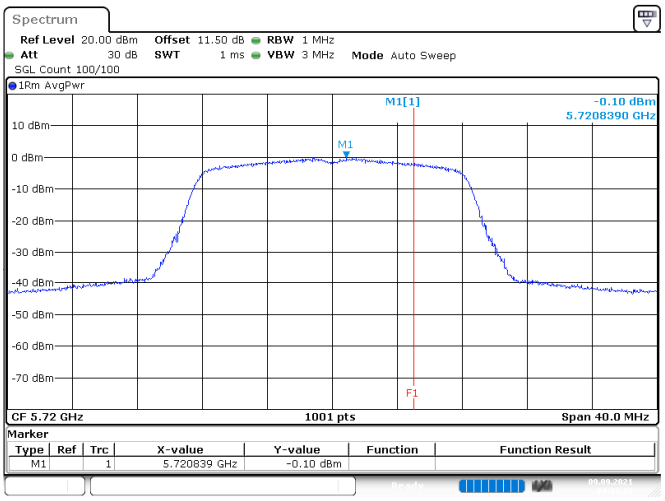
Channel 116



Channel 140



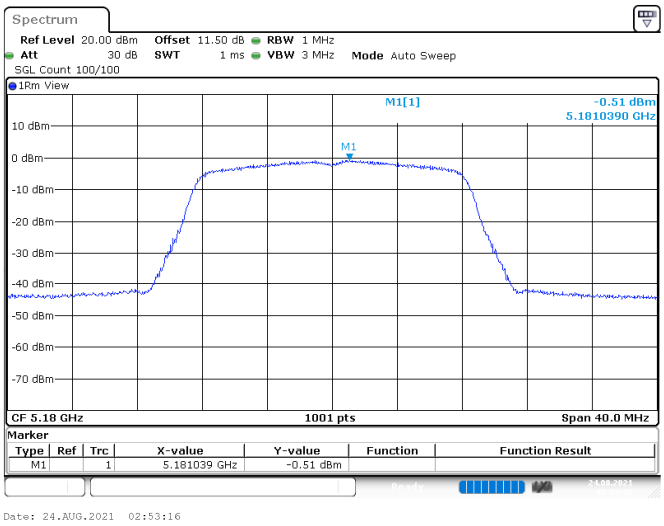
Channel 144 (U-NII-2C)



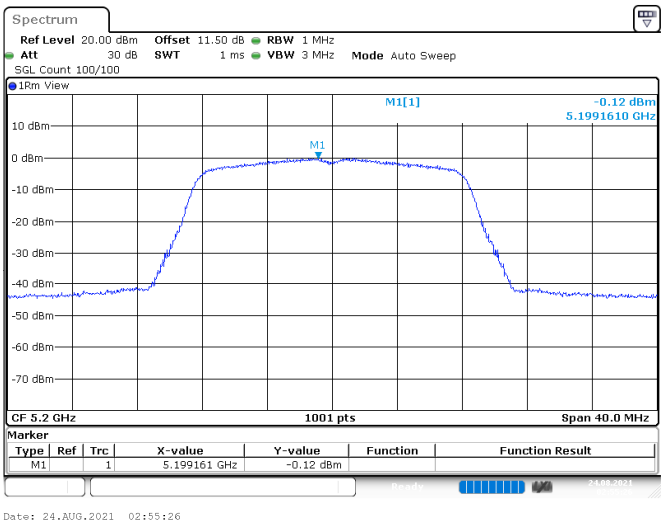
<Chain 1>

802.11a

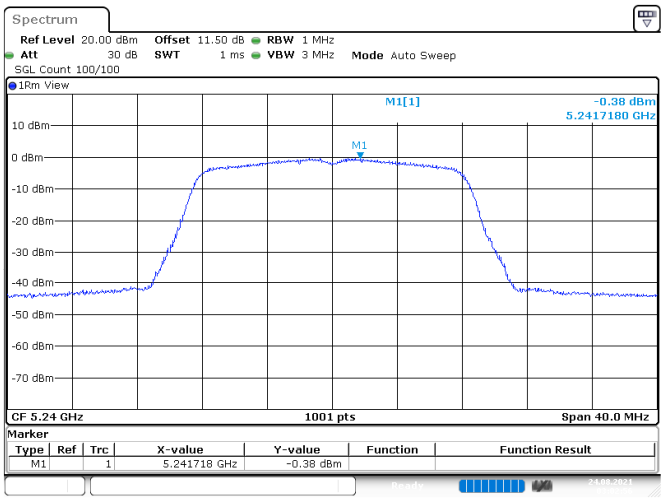
Channel 36



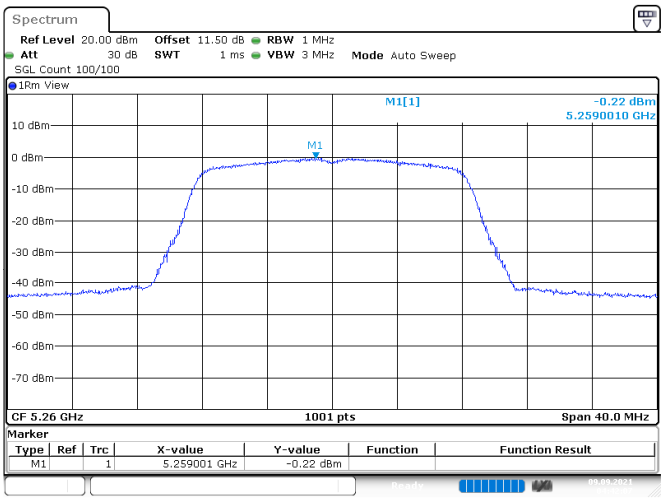
Channel 40



Channel 48

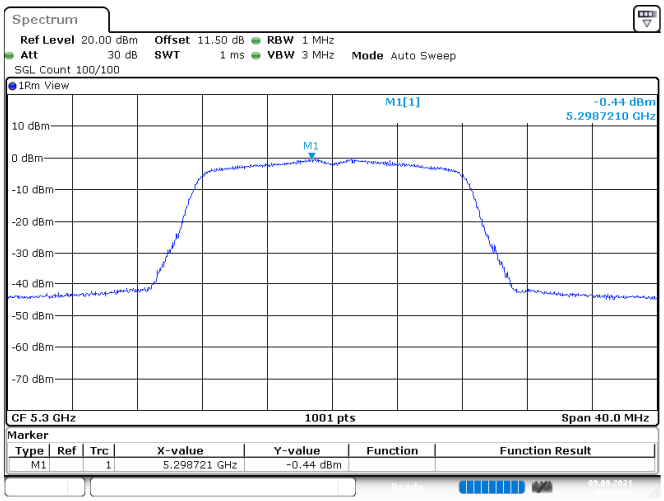


Channel 52



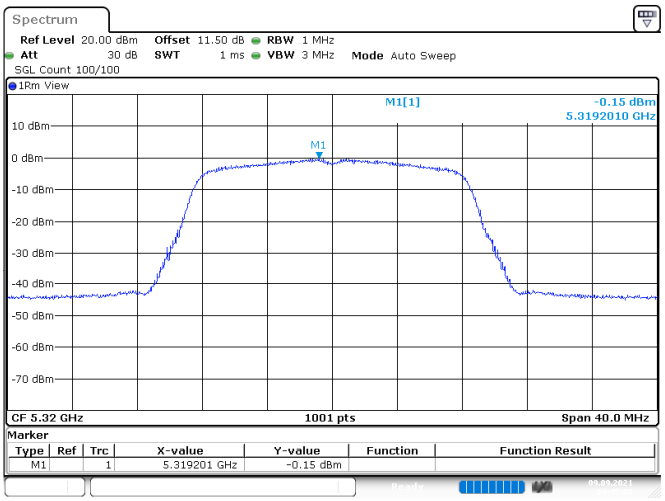
802.11a

Channel 60



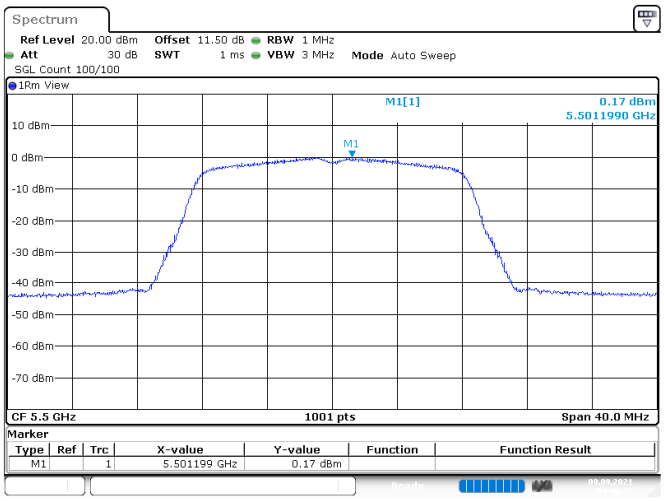
Date: 9.SEP.2021 04:43:32

Channel 64



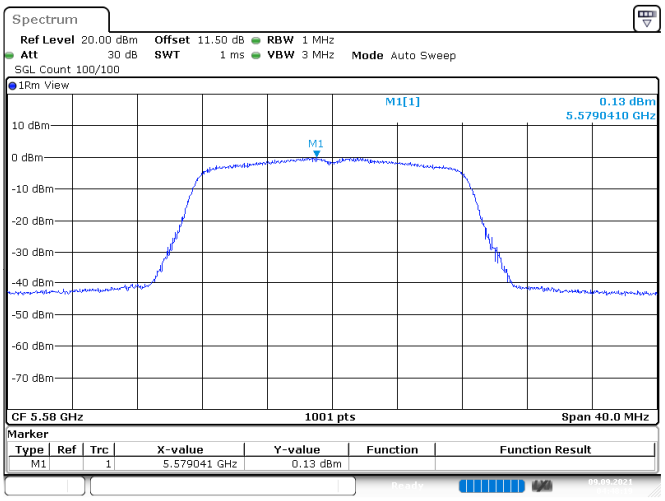
Date: 9.SEP.2021 04:45:05

Channel 100



Date: 9.SEP.2021 04:46:36

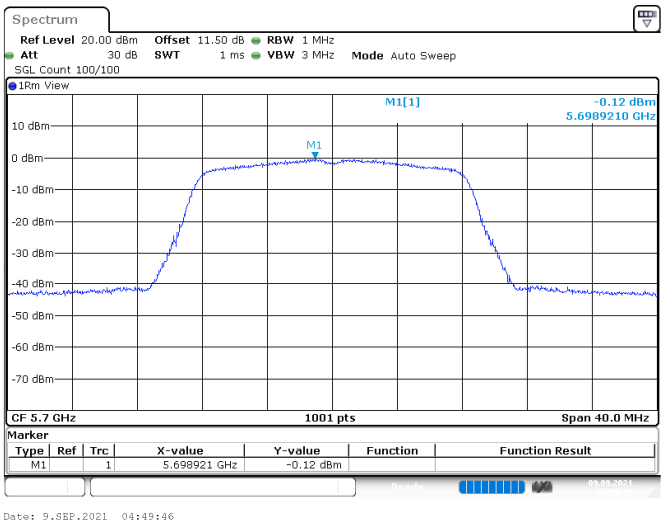
Channel 116



Date: 9.SEP.2021 04:48:19

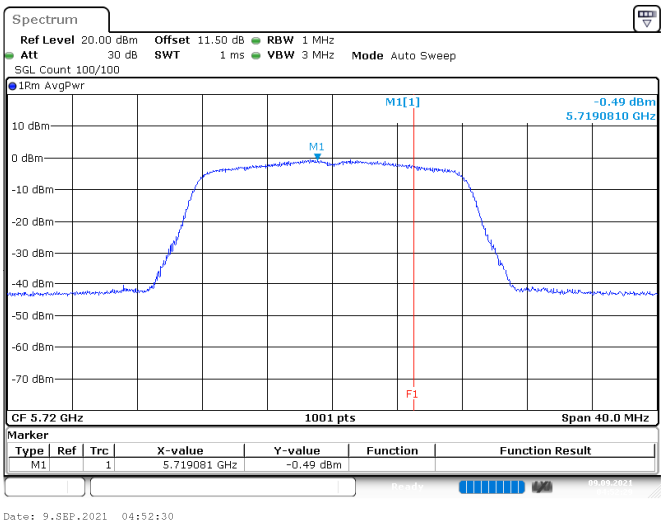
802.11a

Channel 140



Date: 9.SEP.2021 04:49:46

Channel 144 (U-NII-2C)



Date: 9.SEP.2021 04:52:30

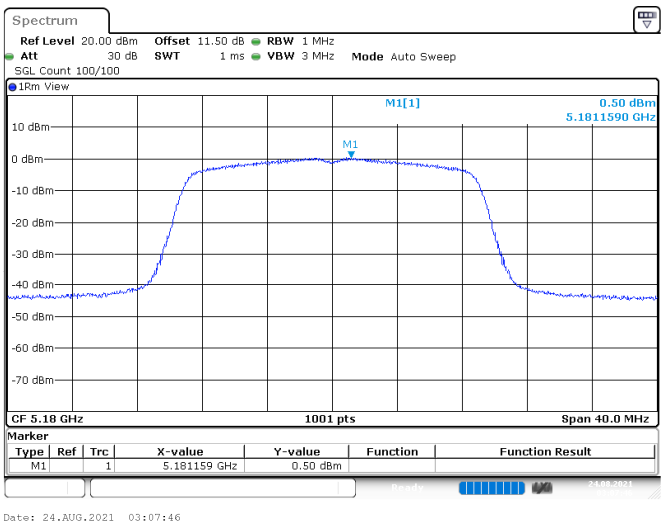
802.11n HT20

Band	Channel	Frequency (MHz)	PSD with Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	36	5180	0.50	-0.26	3.30	11	Pass
	40	5200	0.26	-0.22	3.19	11	Pass
	48	5240	0.14	-1.38	2.60	11	Pass
U-NII-2A	52	5260	0.14	0.11	3.28	11	Pass
	60	5300	0.74	0.36	3.71	11	Pass
	64	5320	0.43	0.44	3.59	11	Pass
U-NII-2C	100	5500	0.52	0.15	3.50	10.86	Pass
	116	5580	0.27	0.25	3.42	10.86	Pass
	140	5700	0.42	0.05	3.40	10.86	Pass
	144	5720	0.45	0.10	3.44	10.86	Pass

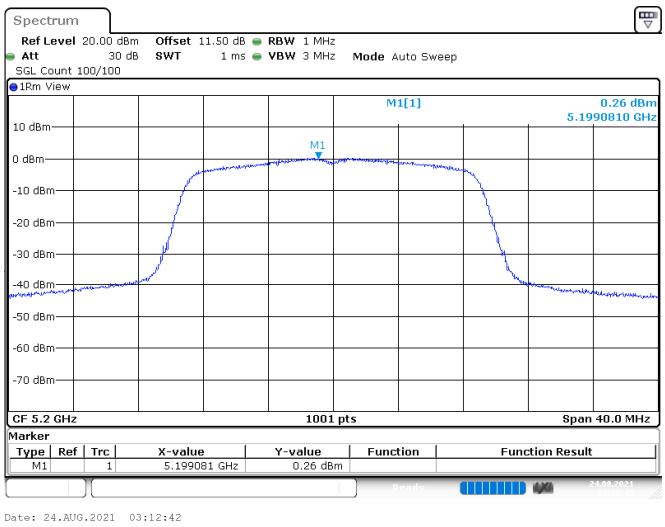
<Chain 0>

802.11n HT20

Channel 36

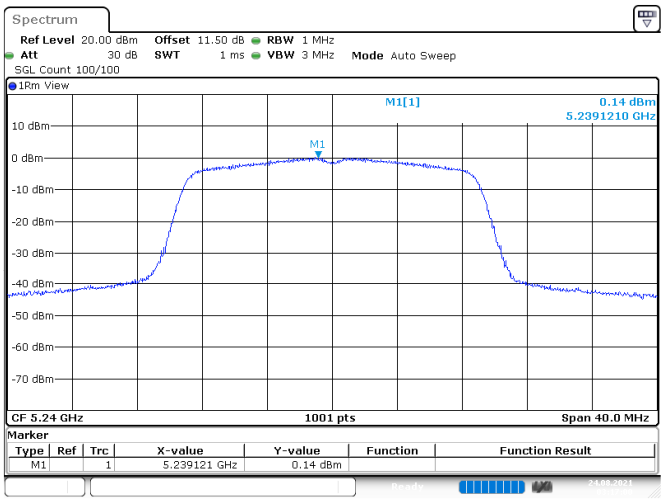


Channel 40



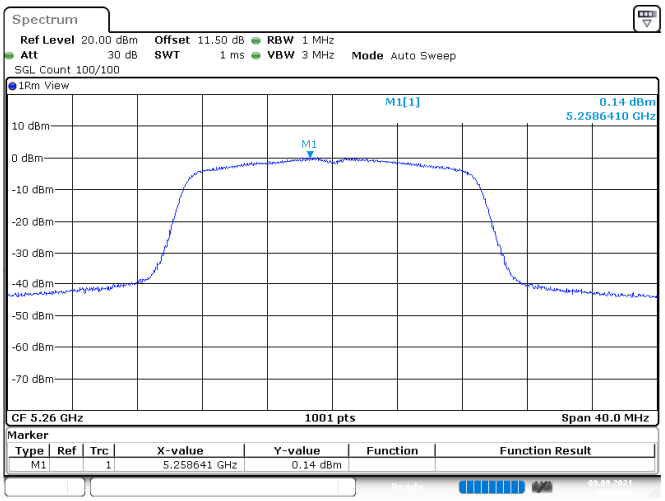
802.11n HT20

Channel 48



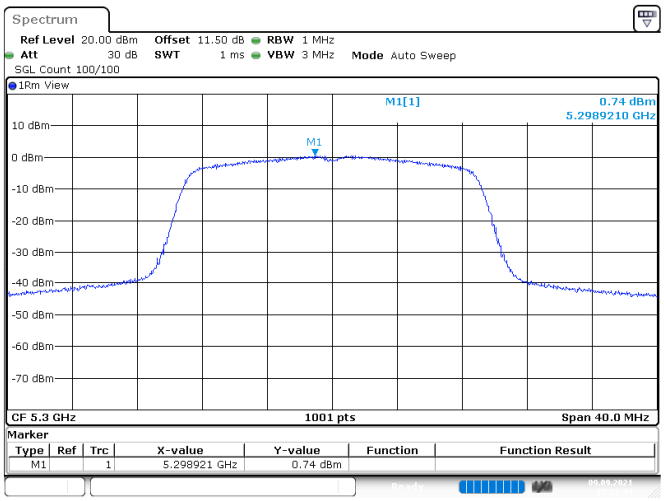
Date: 24.AUG.2021 03:17:00

Channel 52



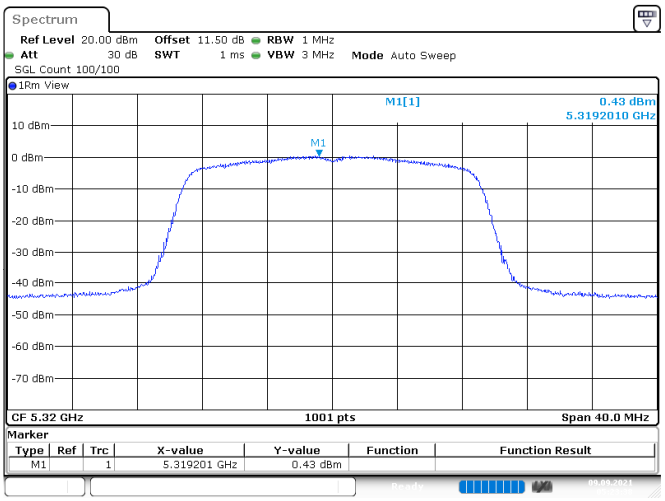
Date: 9.SEP.2021 05:19:41

Channel 60



Date: 9.SEP.2021 05:21:35

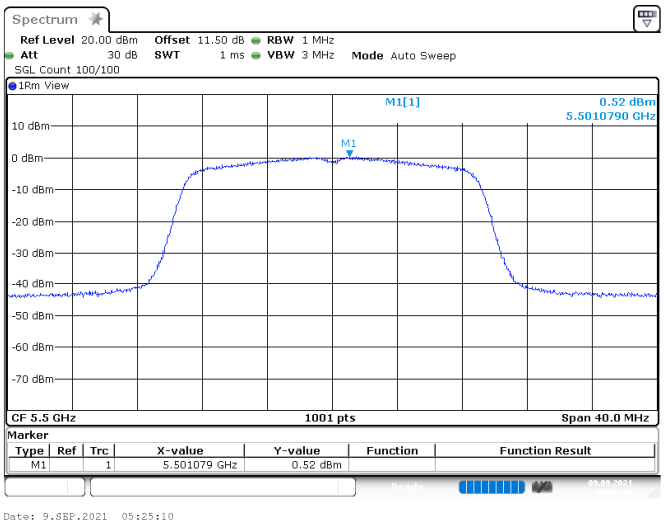
Channel 64



Date: 9.SEP.2021 05:23:38

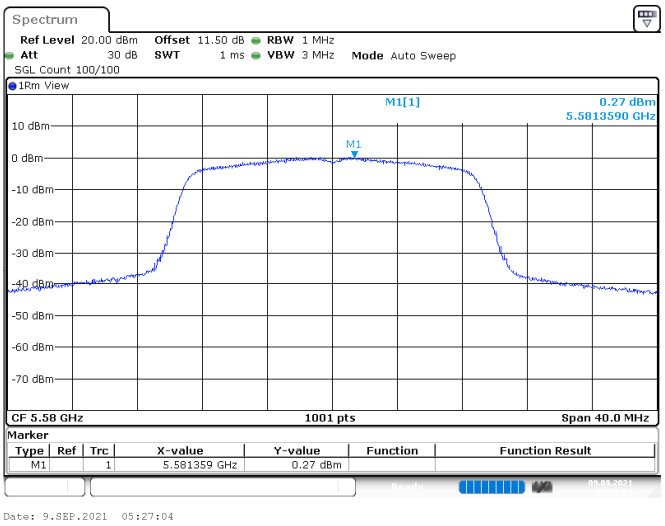
802.11n HT20

Channel 100



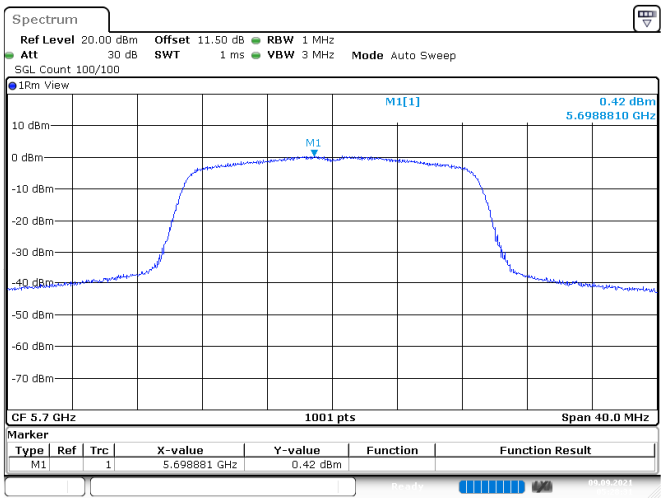
Date: 9.SEP.2021 05:25:10

Channel 116



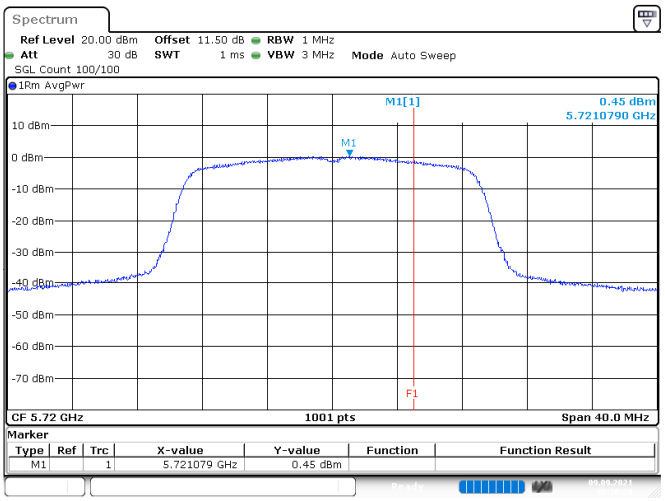
Date: 9.SEP.2021 05:27:04

Channel 140



Date: 9.SEP.2021 05:28:32

Channel 144 (U-NII-2C)

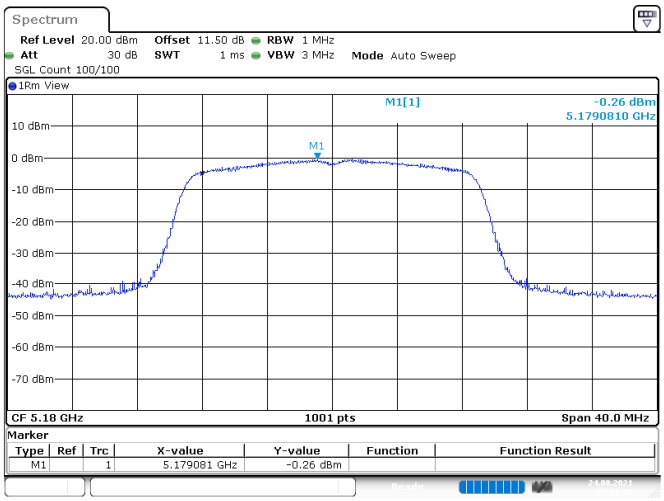


Date: 9.SEP.2021 05:30:21

<Chain 1>

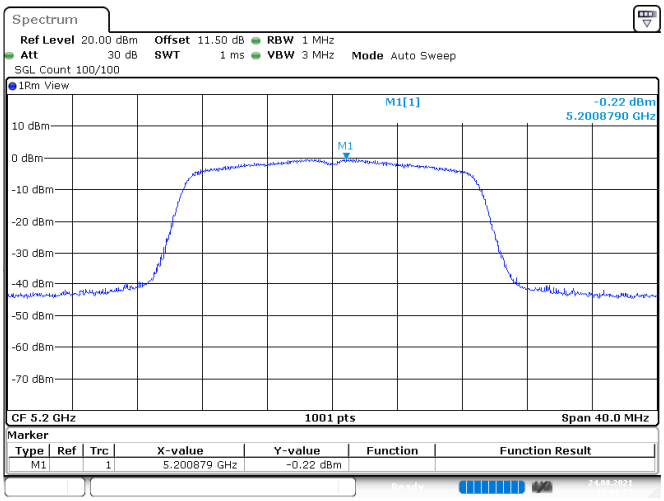
802.11n HT20

Channel 36



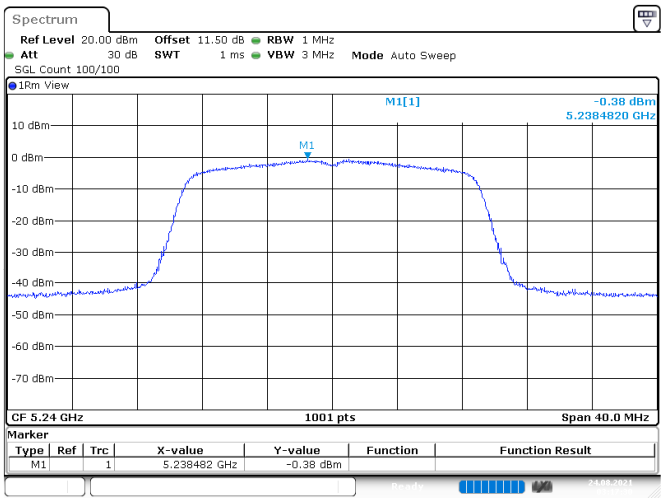
Date: 24.AUG.2021 03:07:10

Channel 40



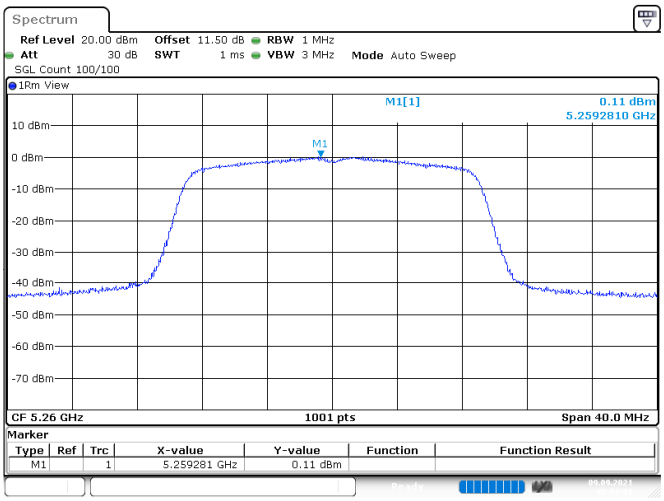
Date: 24.AUG.2021 03:09:58

Channel 48



Date: 24.AUG.2021 03:17:30

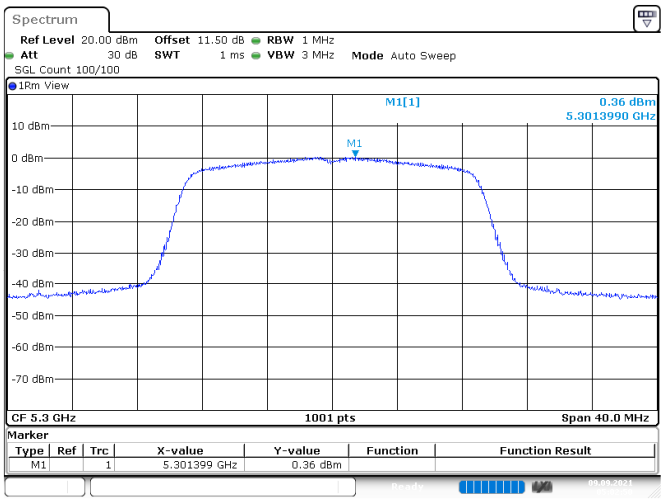
Channel 52



Date: 9.SEP.2021 05:01:20

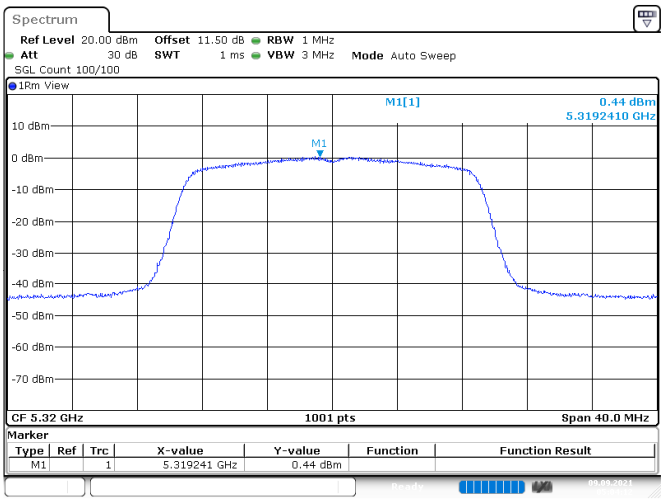
802.11n HT20

Channel 60



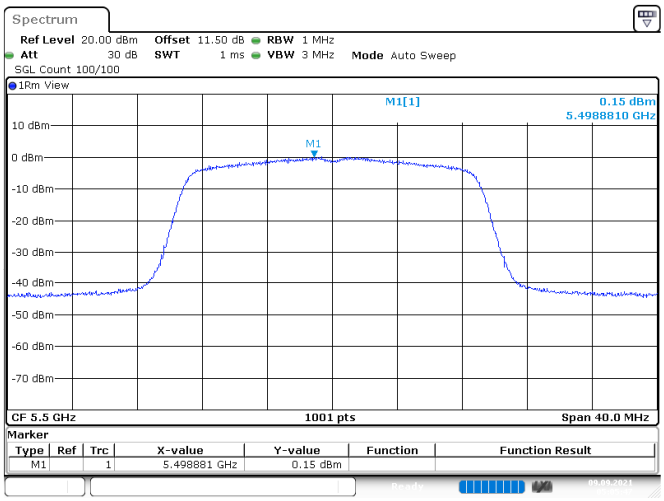
Date: 9.SEP.2021 05:02:51

Channel 64



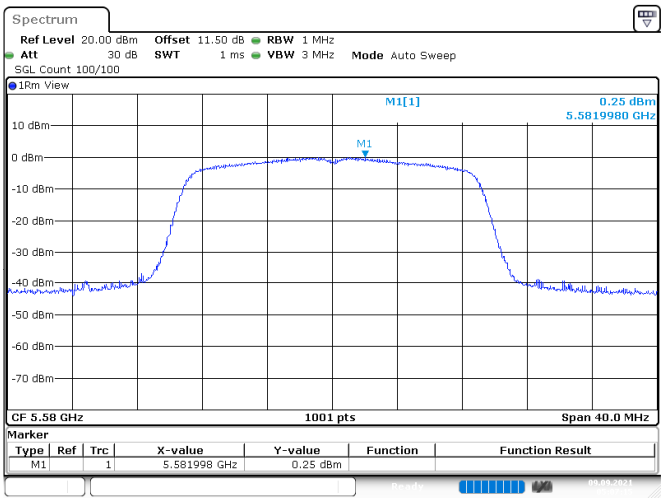
Date: 9.SEP.2021 05:04:12

Channel 100



Date: 9.SEP.2021 05:05:47

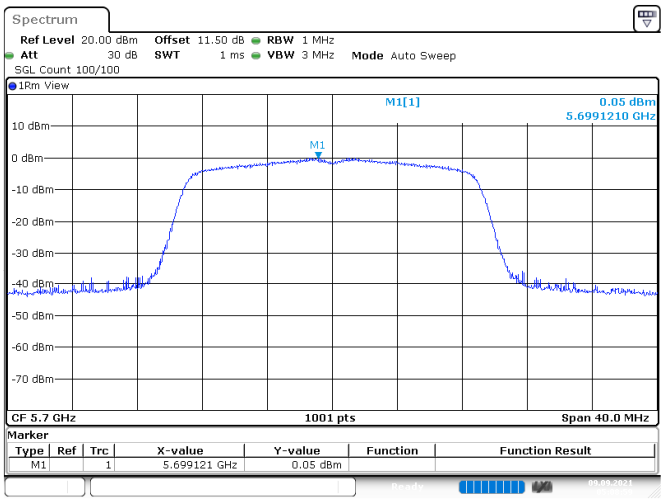
Channel 116



Date: 9.SEP.2021 05:07:16

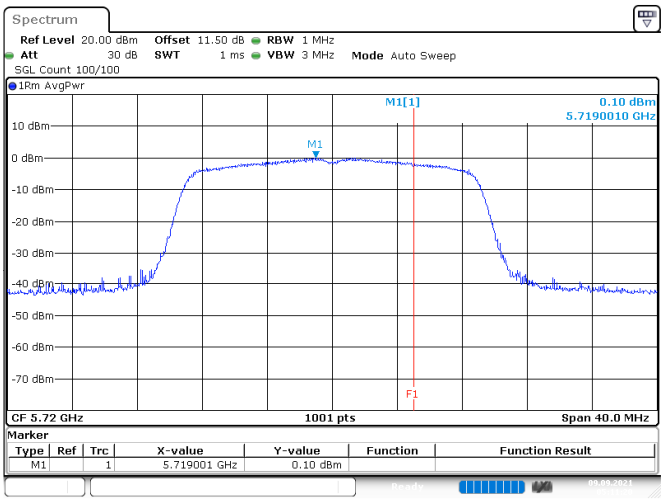
802.11n HT20

Channel 140



Date: 9.SEP.2021 05:08:59

Channel 144 (U-NII-2C)



Date: 9.SEP.2021 05:11:20

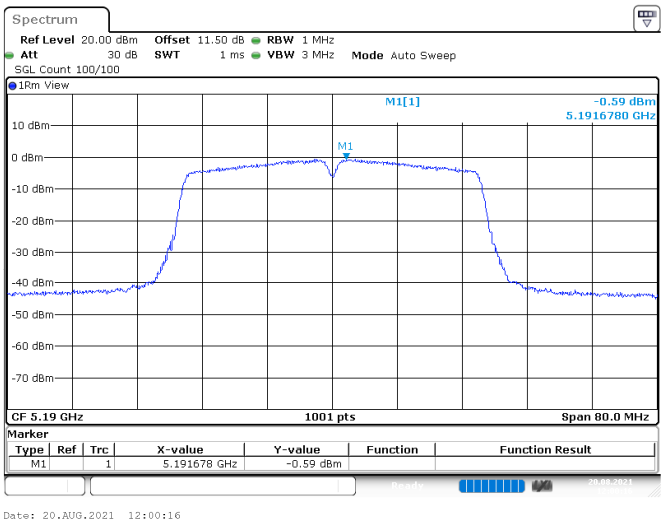
802.11n HT40

Band	Channel	Frequency (MHz)	PSD with Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	38	5190	-0.59	-0.87	2.58	11	Pass
	46	5230	-0.05	-0.73	2.93	11	Pass
U-NII-2A	54	5270	-0.31	-0.23	3.03	11	Pass
	62	5310	-0.10	-0.67	2.93	11	Pass
U-NII-2C	102	5510	-0.19	-0.40	3.01	10.86	Pass
	110	5550	-0.08	-0.34	3.09	10.86	Pass
	134	5670	-0.10	-0.74	2.89	10.86	Pass
	142	5710	-0.11	-0.64	2.94	10.86	Pass

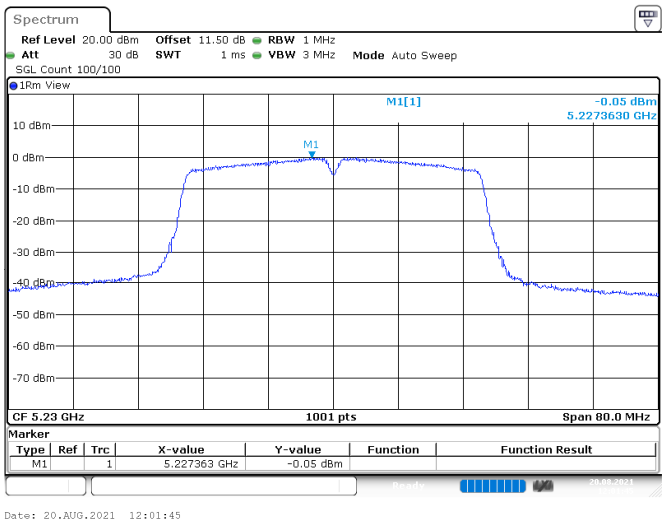
<Chain 0>

802.11n HT40

Channel 38

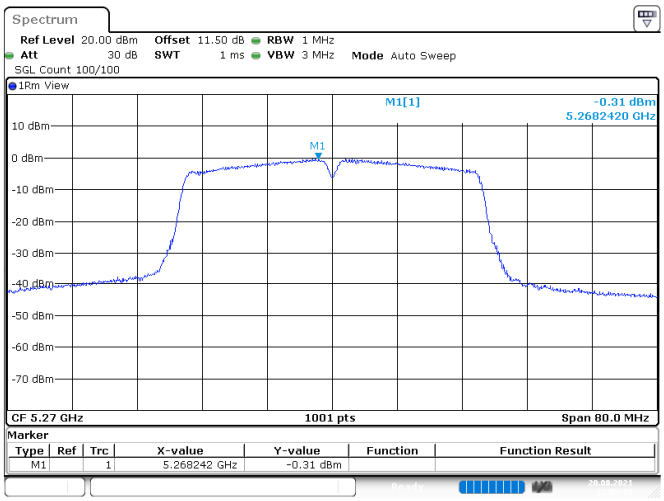


Channel 46



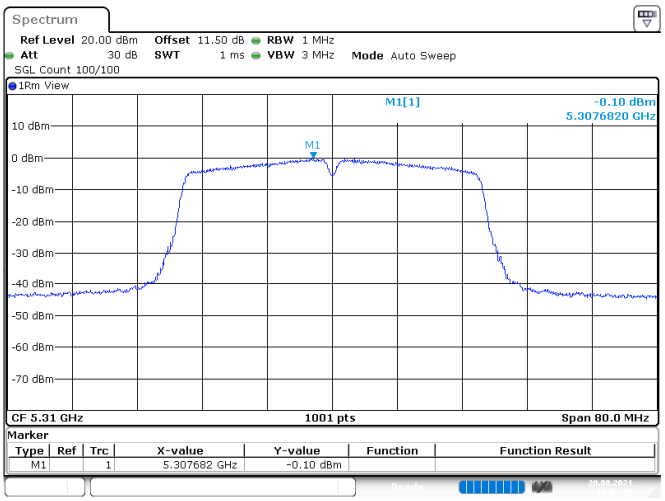
802.11n HT40

Channel 54



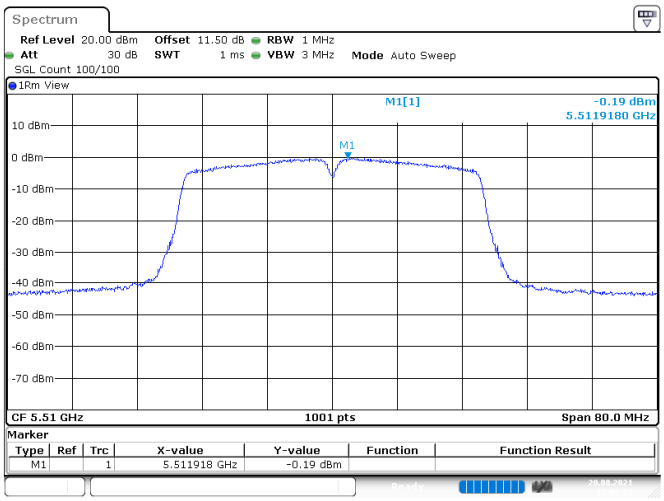
Date: 20.AUG.2021 12:03:10

Channel 62



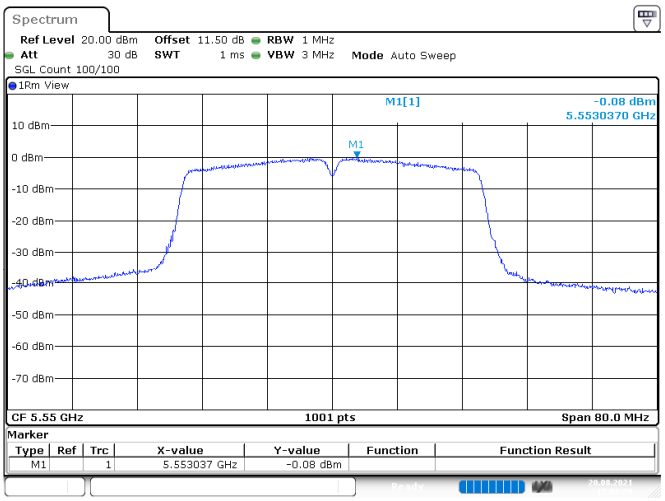
Date: 20.AUG.2021 12:04:45

Channel 102



Date: 20.AUG.2021 12:06:13

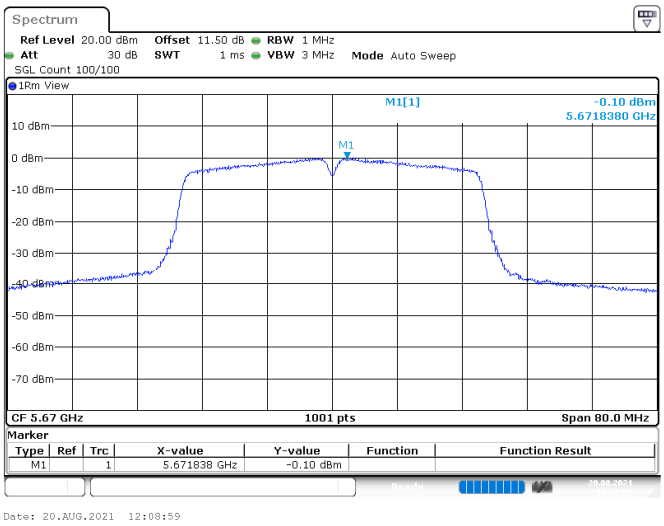
Channel 110



Date: 20.AUG.2021 12:07:39

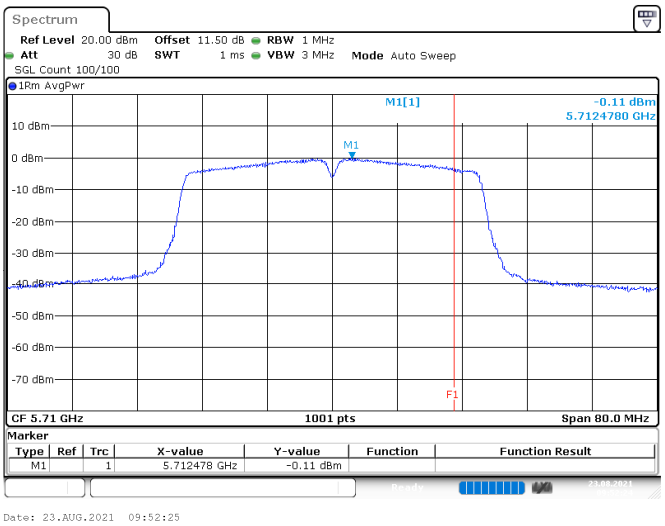
802.11n HT40

Channel 134



Date: 20.AUG.2021 12:08:59

Channel 142 (U-NII-2C)

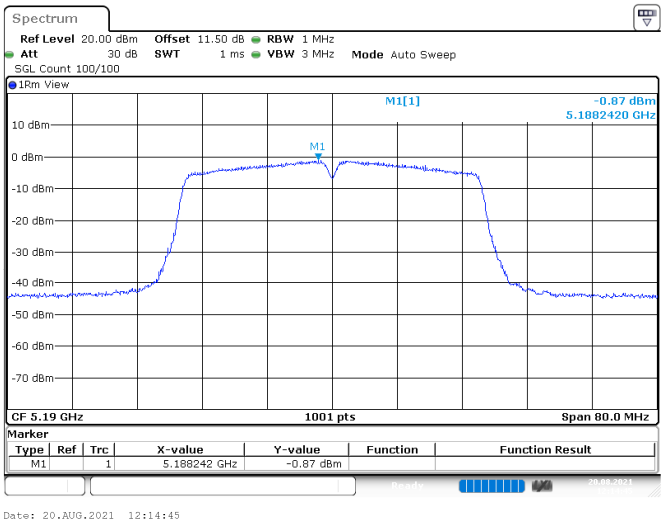


Date: 23.AUG.2021 09:52:25

<Chain 1>

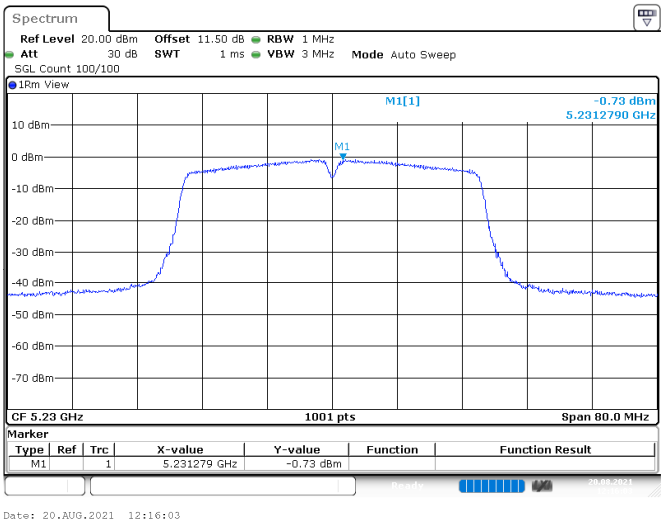
802.11n HT40

Channel 38



Date: 20.AUG.2021 12:14:45

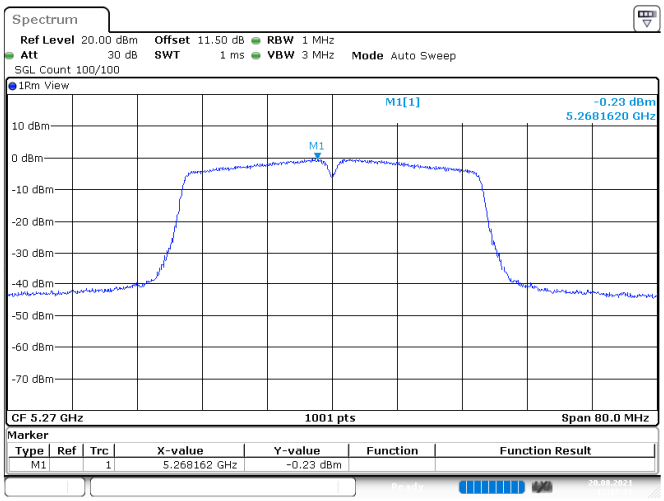
Channel 46



Date: 20.AUG.2021 12:16:03

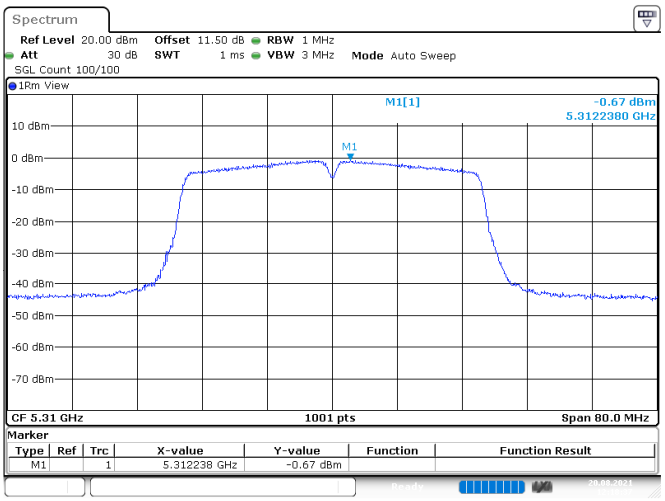
802.11n HT40

Channel 54



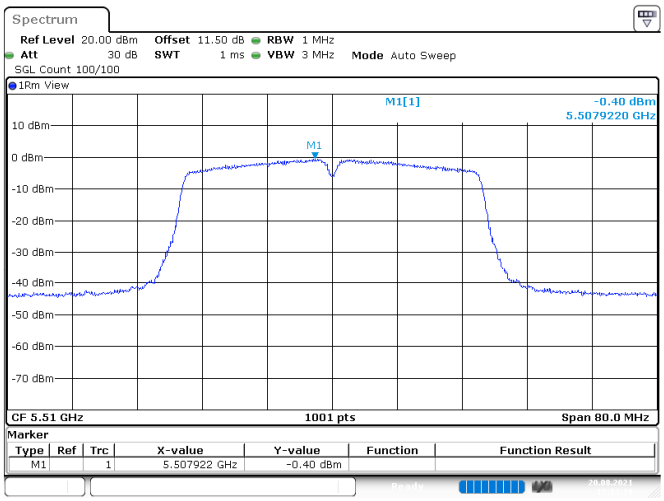
Date: 20.AUG.2021 12:17:19

Channel 62



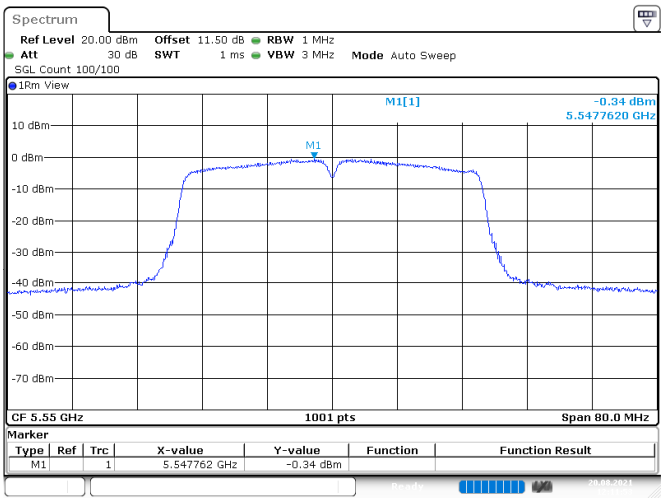
Date: 20.AUG.2021 12:18:37

Channel 102



Date: 20.AUG.2021 12:13:19

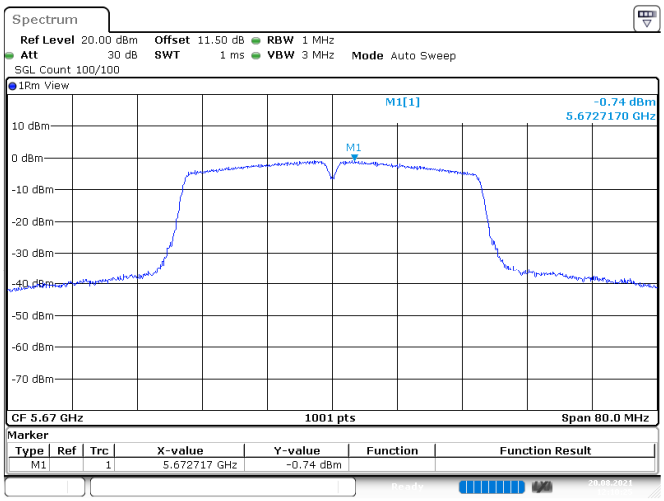
Channel 110



Date: 20.AUG.2021 12:11:53

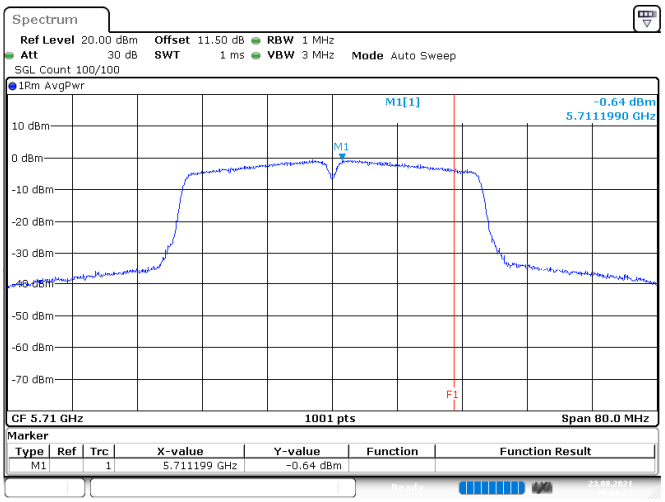
802.11n HT40

Channel 134



Date: 20.AUG.2021 12:10:25

Channel 142 (U-NII-2C)



Date: 23.AUG.2021 09:41:38

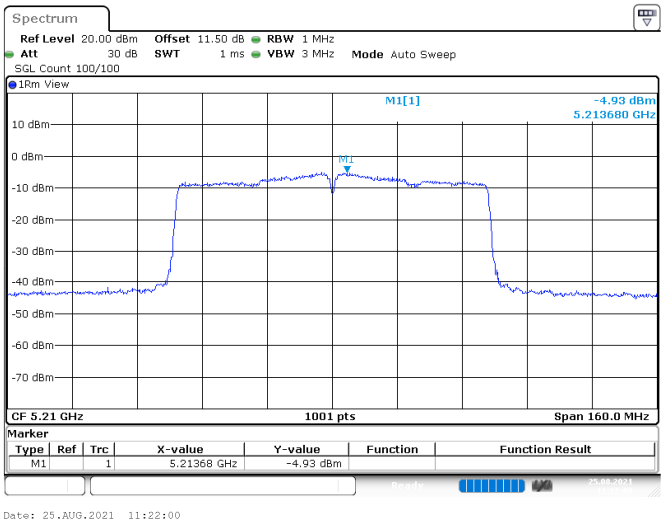
802.11ac VHT80

Band	Channel	Frequency (MHz)	PSD with Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	42	5210	-4.93	-5.62	-0.54	11	Pass
U-NII-2A	58	5290	-5.79	-5.49	-0.91	11	Pass
U-NII-2C	106	5530	-4.65	-5.47	-0.32	10.86	Pass
	122	5610	-4.85	-5.75	-0.55	10.86	Pass
	138	5690	-5.53	-5.94	-1.01	10.86	Pass

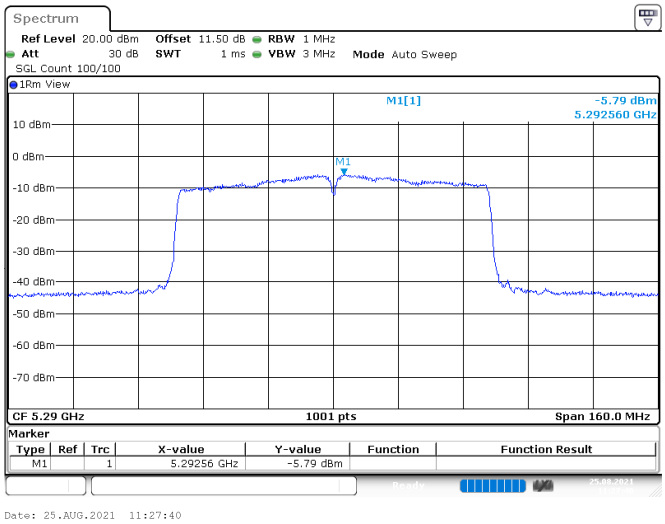
<Chain 0>

802.11ac VHT80

Channel 42

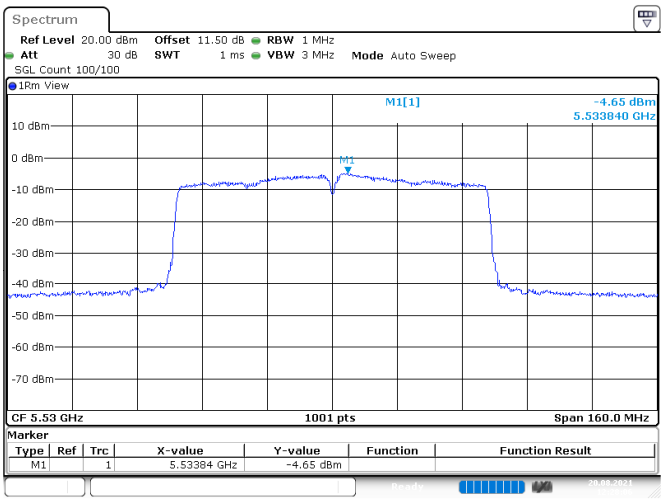


Channel 58



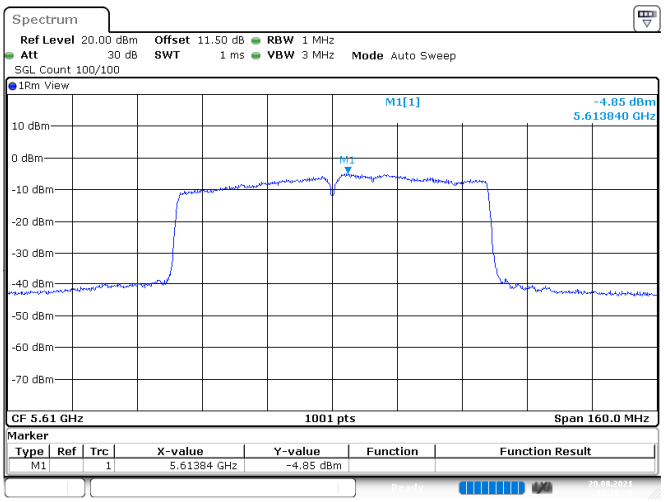
802.11ac VHT80

Channel 106



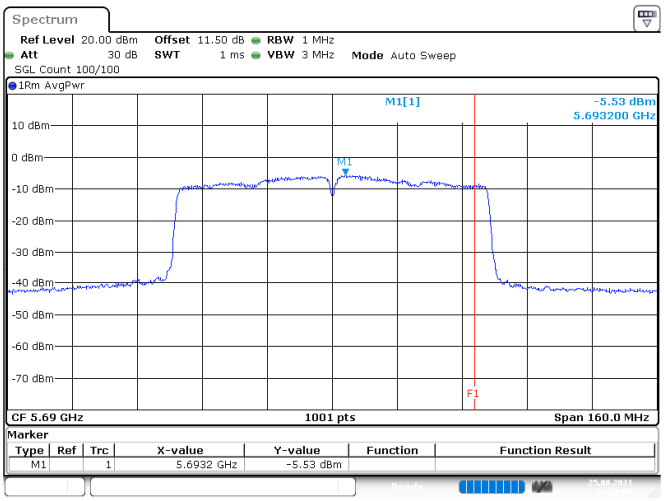
Date: 20.AUG.2021 12:28:06

Channel 122



Date: 20.AUG.2021 12:26:40

Channel 138 (U-NII-2C)

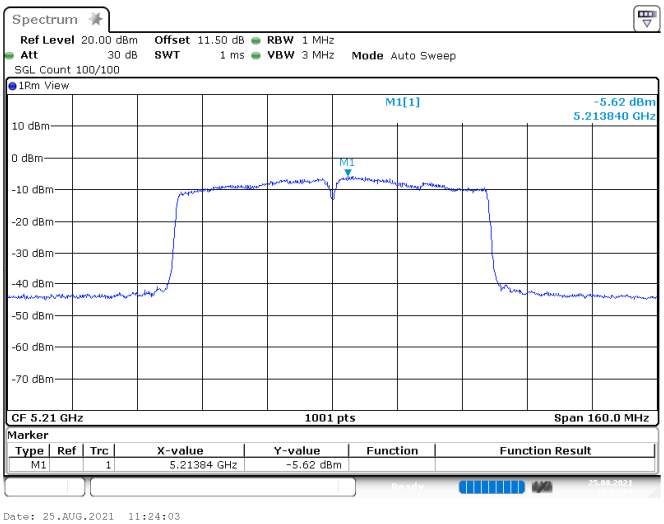


Date: 25.AUG.2021 11:29:57

<Chain 1>

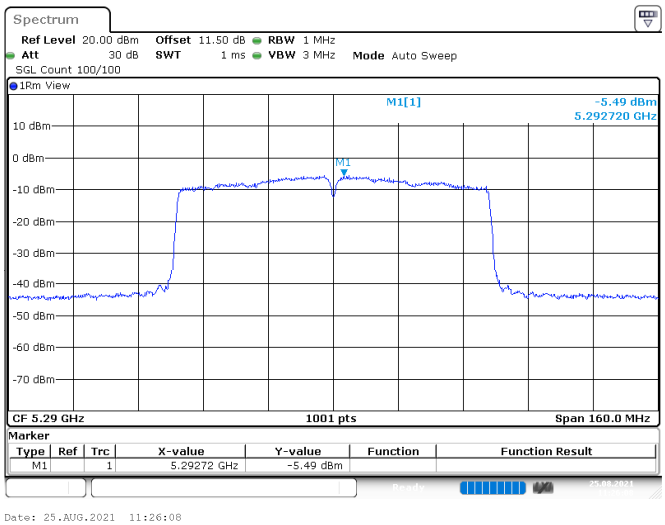
802.11ac VHT80

Channel 42



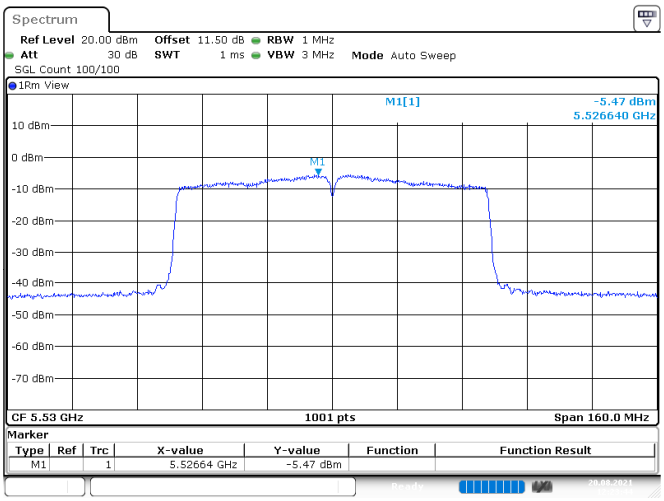
Date: 25.AUG.2021 11:24:03

Channel 58



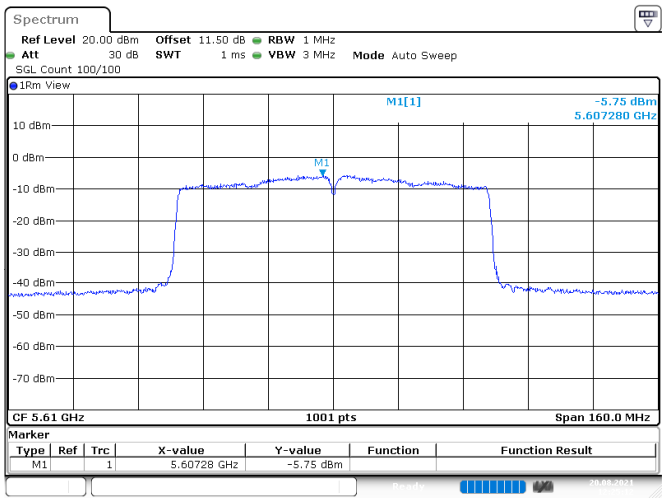
Date: 25.AUG.2021 11:26:08

Channel 106

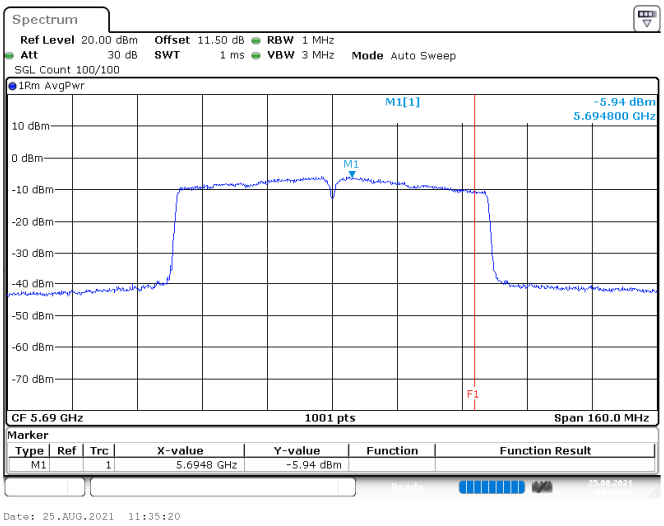


Date: 20.AUG.2021 12:23:44

Channel 122



Date: 20.AUG.2021 12:25:11

802.11ac VHT80	
Channel 138 (U-NII-2C)	
	

Test Result of Power Spectral Density

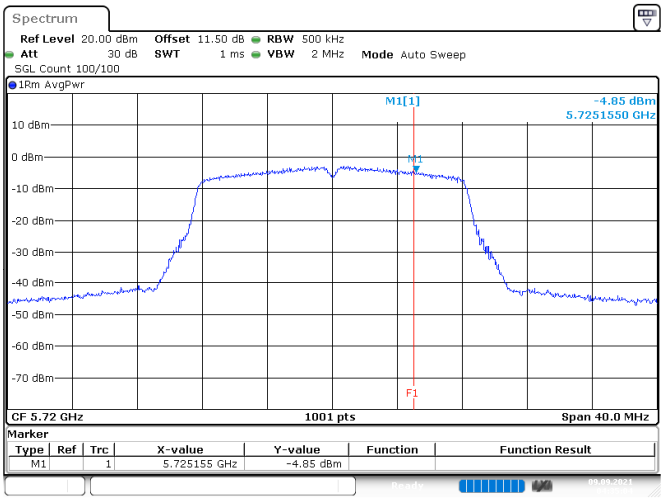
802.11a

Band	Channel	Frequency (MHz)	PSD with Duty Factor (dBm/500kHz)		Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-3	144	5720	-4.85	-5.58	-2.10	29.86	Pass
	149	5745	-2.51	-3.02	0.35	29.86	Pass
	157	5785	-2.78	-3.38	0.03	29.86	Pass
	165	5825	-2.26	-3.36	0.33	29.86	Pass

<Chain 0>

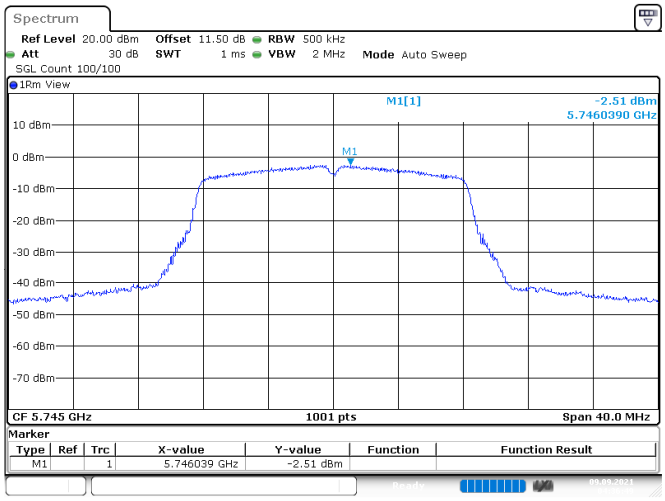
802.11a

Channel 144 (U-NII-3)



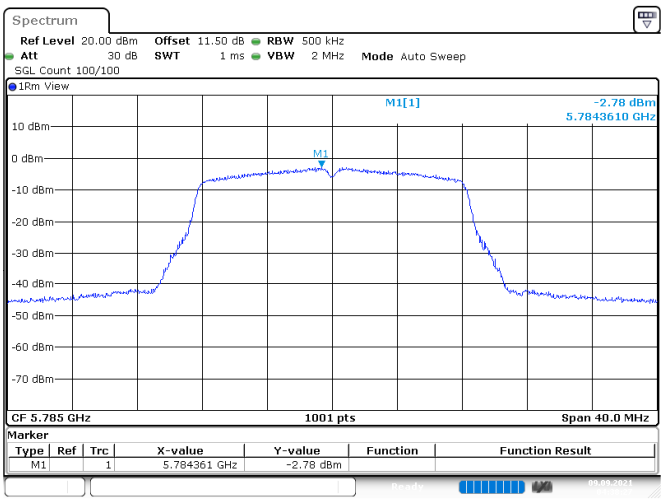
Date: 9.SEP.2021 04:35:04

Channel 149



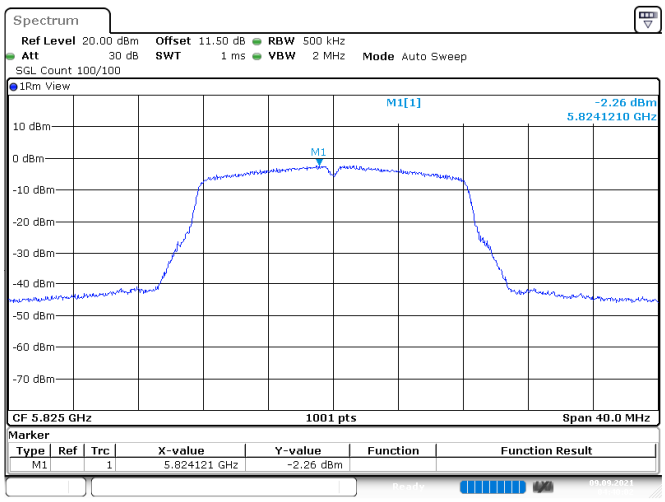
Date: 9.SEP.2021 04:36:49

Channel 157



Date: 9.SEP.2021 04:38:27

Channel 165

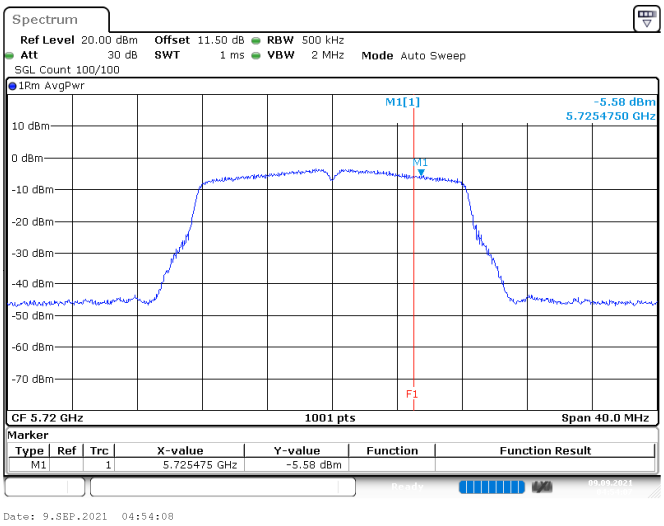


Date: 9.SEP.2021 04:40:02

<Chain 1>

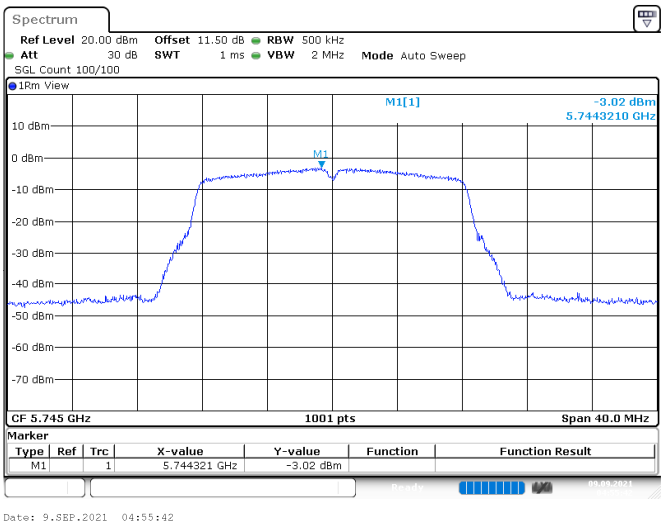
802.11a

Channel 144 (U-NII-3)



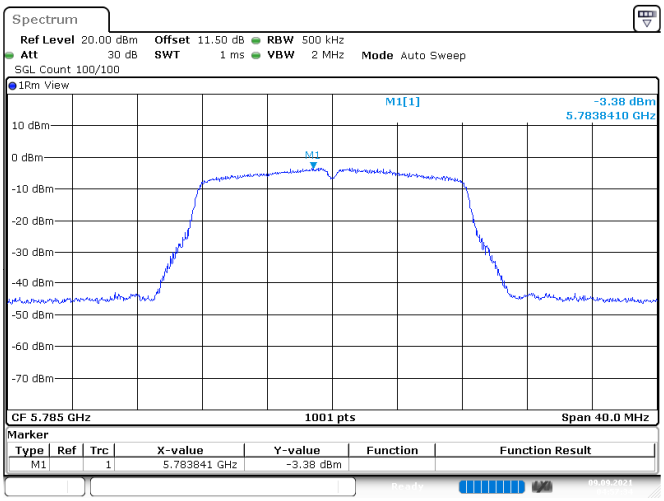
Date: 9.SEP.2021 04:54:08

Channel 149



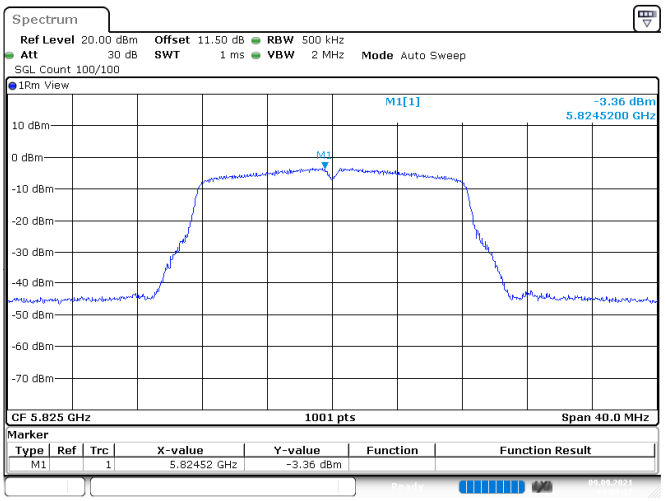
Date: 9.SEP.2021 04:55:42

Channel 157



Date: 9.SEP.2021 04:57:34

Channel 165



Date: 9.SEP.2021 04:59:17

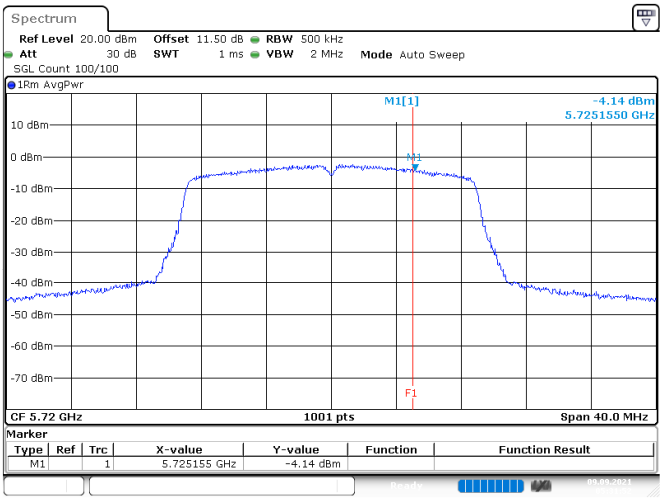
802.11n HT20

Band	Channel	Frequency (MHz)	PSD with Duty Factor (dBm/500kHz)		Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-3	144	5720	-4.14	-4.77	-1.29	29.86	Pass
	149	5745	-1.88	-2.88	0.81	29.86	Pass
	157	5785	-1.9	-2.58	0.93	29.86	Pass
	165	5825	-2.03	-2.84	0.74	29.86	Pass

<Chain 0>

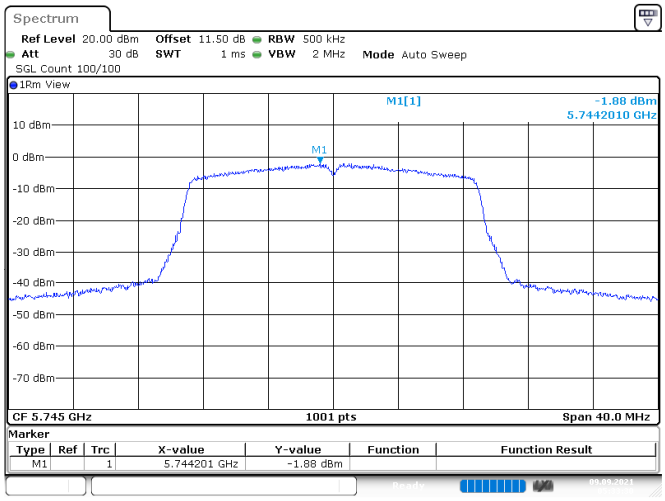
802.11n HT20

Channel 144 (U-NII-3)



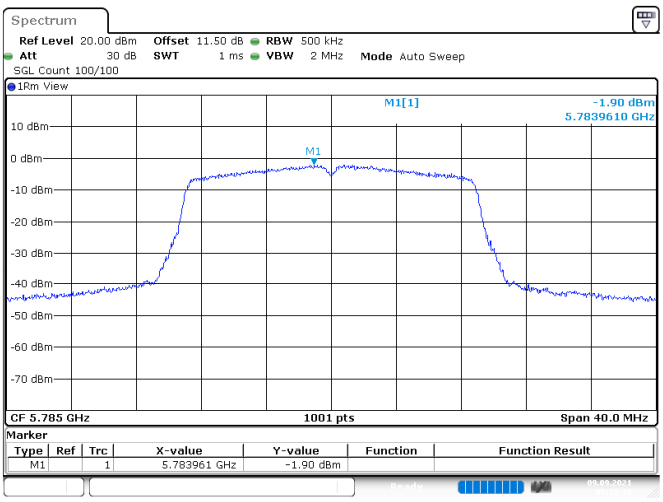
Date: 9.SEP.2021 05:31:53

Channel 149



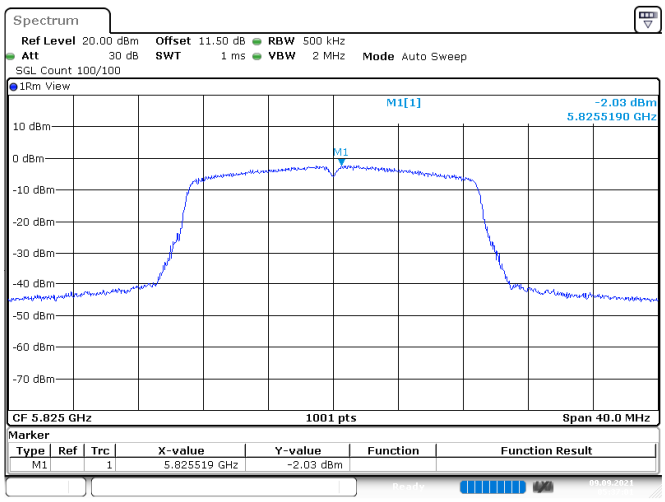
Date: 9.SEP.2021 05:33:31

Channel 157



Date: 9.SEP.2021 05:35:19

Channel 165

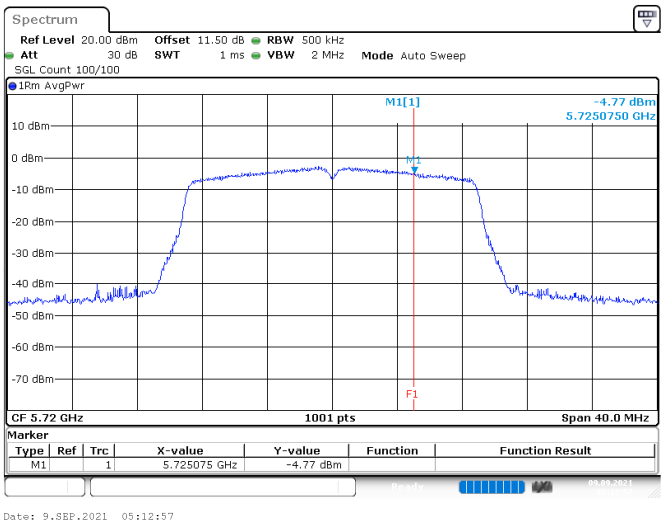


Date: 9.SEP.2021 05:37:01

<Chain 1>

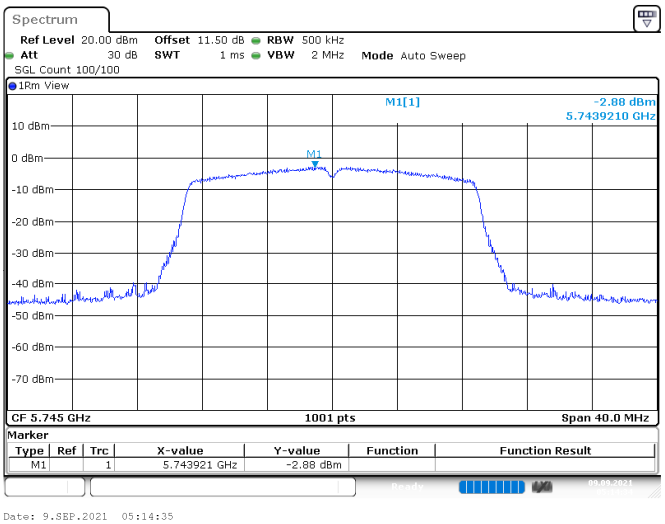
802.11n HT20

Channel 144 (U-NII-3)



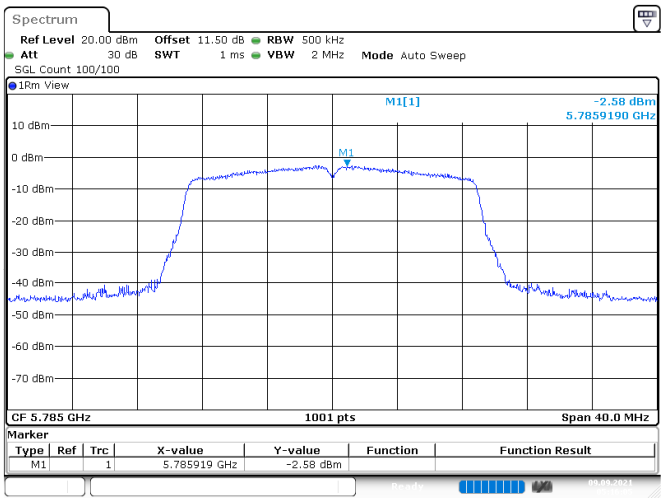
Date: 9.SEP.2021 05:12:57

Channel 149



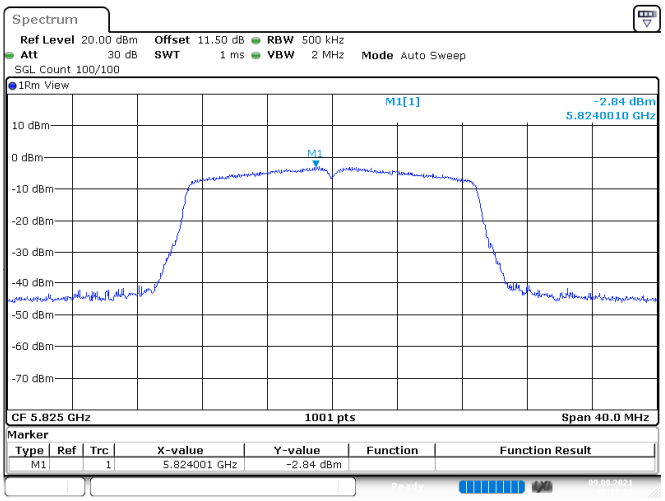
Date: 9.SEP.2021 05:14:35

Channel 157



Date: 9.SEP.2021 05:16:06

Channel 165



Date: 9.SEP.2021 05:17:33

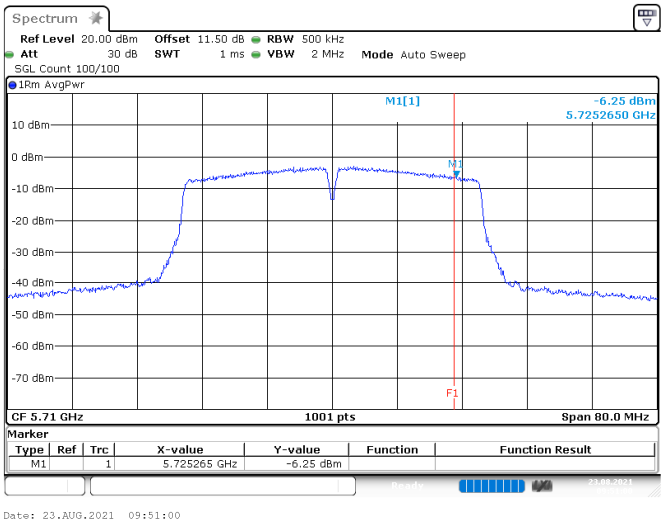
802.11n HT40

Band	Channel	Frequency (MHz)	PSD with Duty Factor (dBm/500kHz)		Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-3	142	5710	-6.25	-6.66	-3.15	29.86	Pass
	151	5755	-2.86	-3.14	0.31	29.86	Pass
	159	5795	-2.5	-3.09	0.52	29.86	Pass

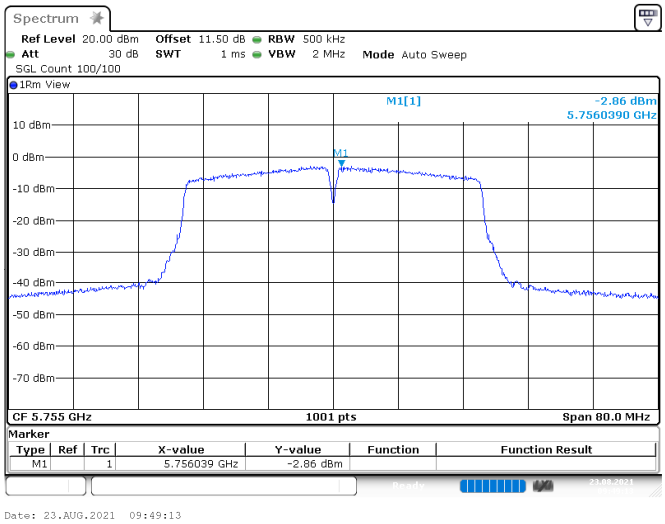
<Chain 0>

802.11n HT40

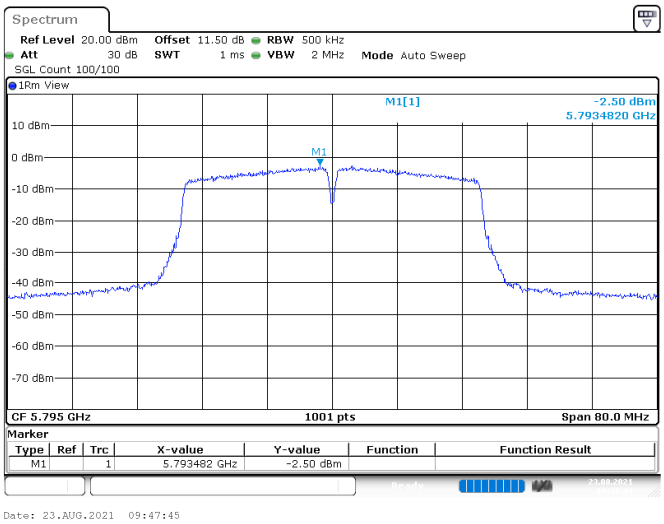
Channel 142 (U-NII-3)



Channel 151



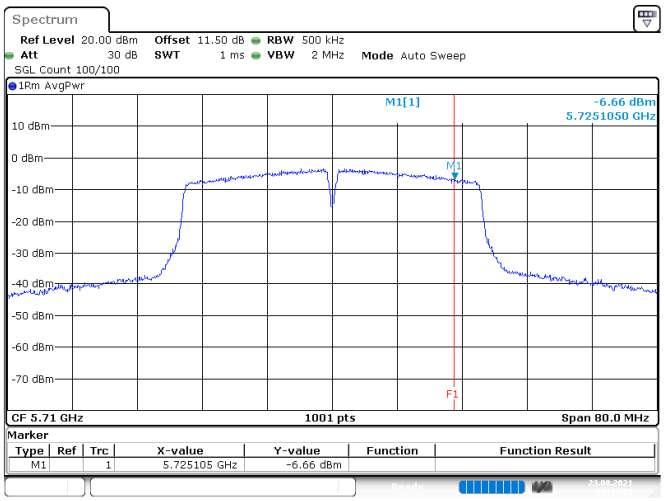
Channel 159



<Chain 1>

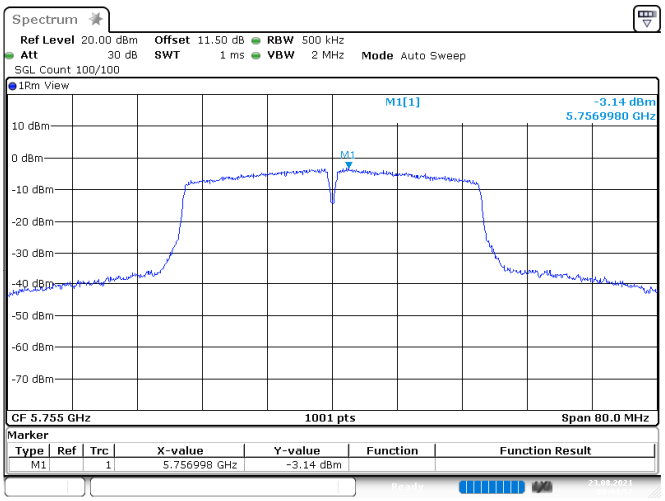
802.11n HT40

Channel 142 (U-NII-3)



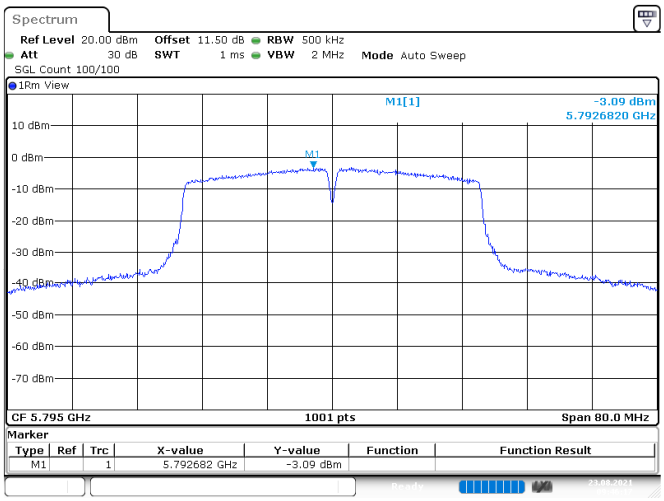
Date: 23.AUG.2021 09:43:08

Channel 151



Date: 23.AUG.2021 09:44:58

Channel 159



Date: 23.AUG.2021 09:46:17

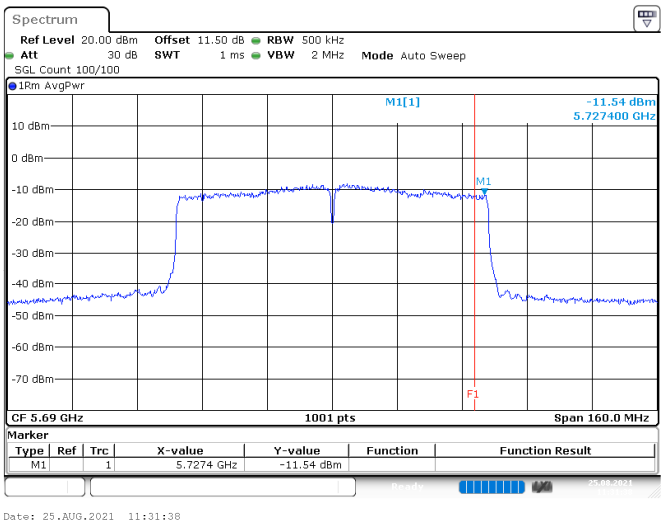
802.11ac VHT80

Band	Channel	Frequency (MHz)	PSD with Duty Factor (dBm/500kHz)		Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-3	138	5690	-11.54	-12.76	-7.38	29.86	Pass
	155	5775	-8.18	-8.08	-3.41	29.86	Pass

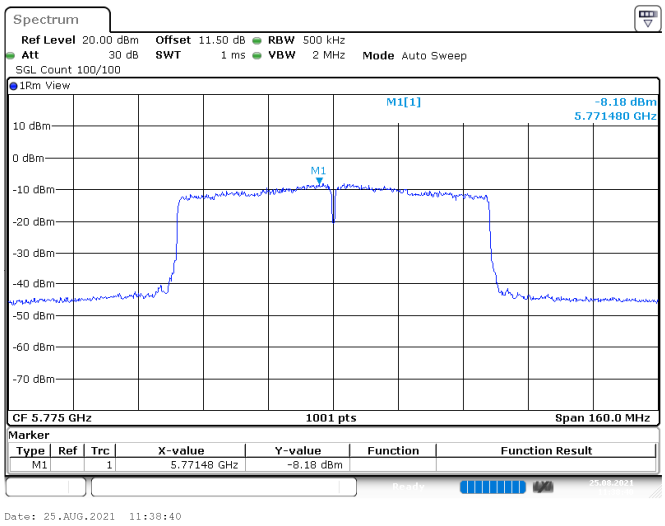
<Chain 0>

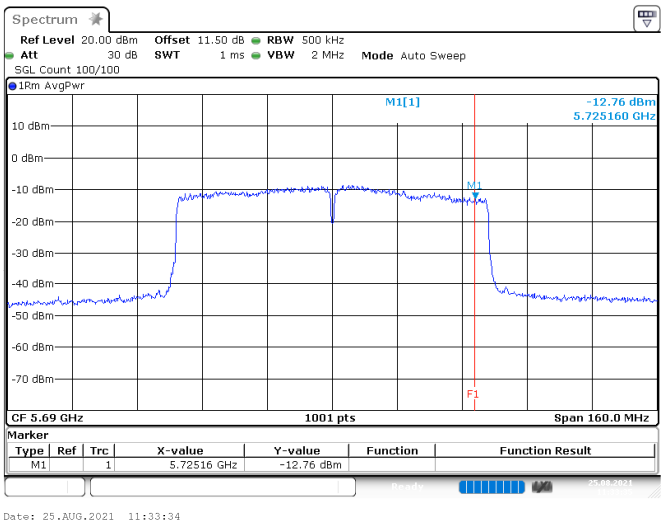
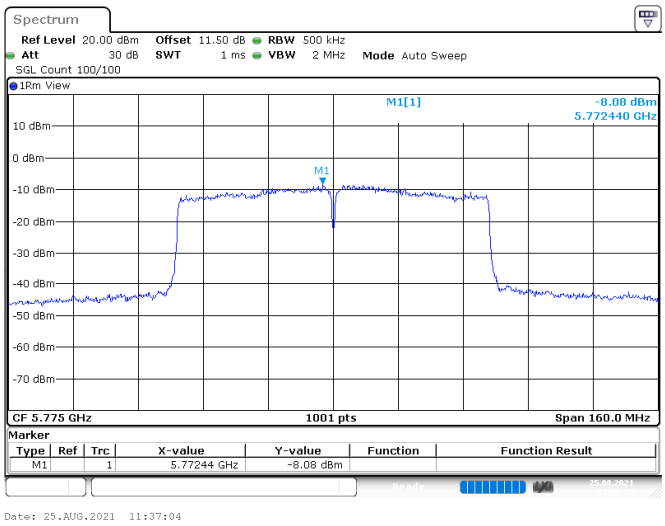
802.11ac VHT80

Channel 138 (U-NII-3)



Channel 155



<Chain 1>

802.11ac VHT80	
Channel 138 (U-NII-3)	**Channel 155**