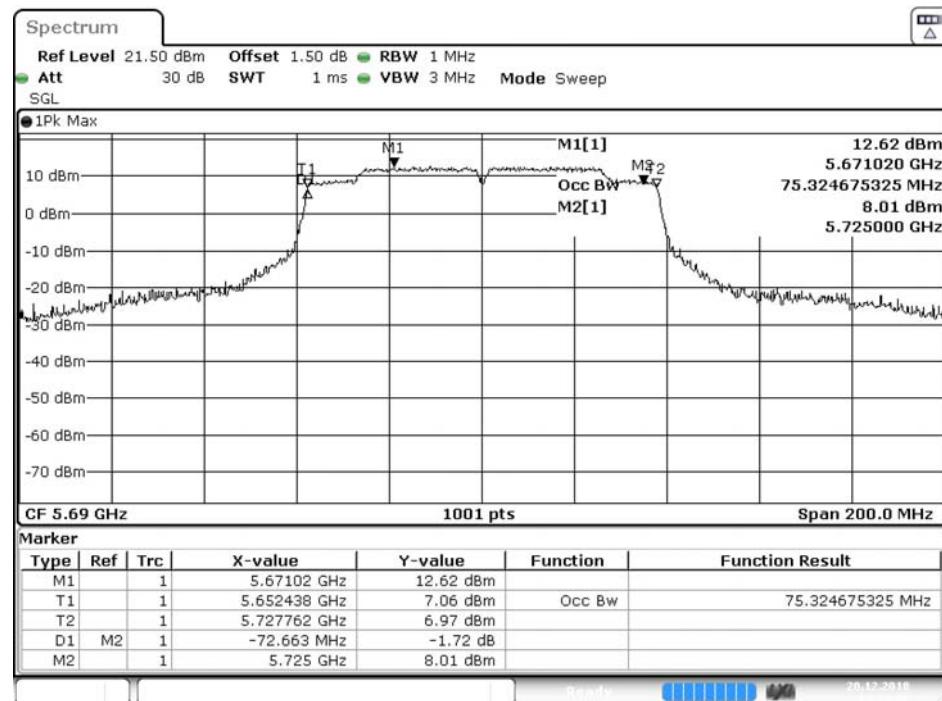
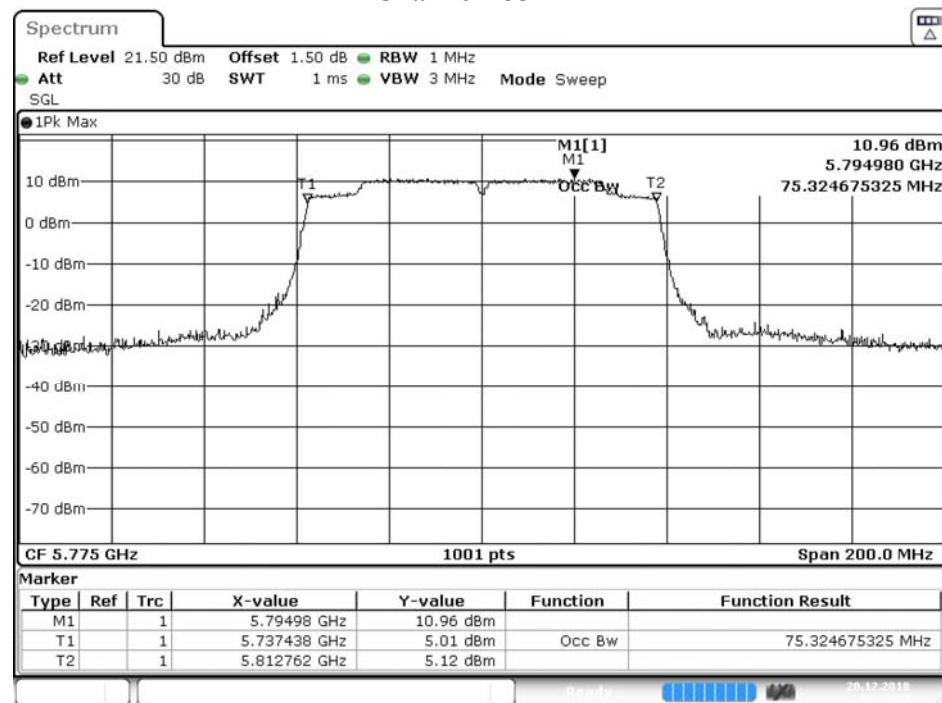


Channel 138

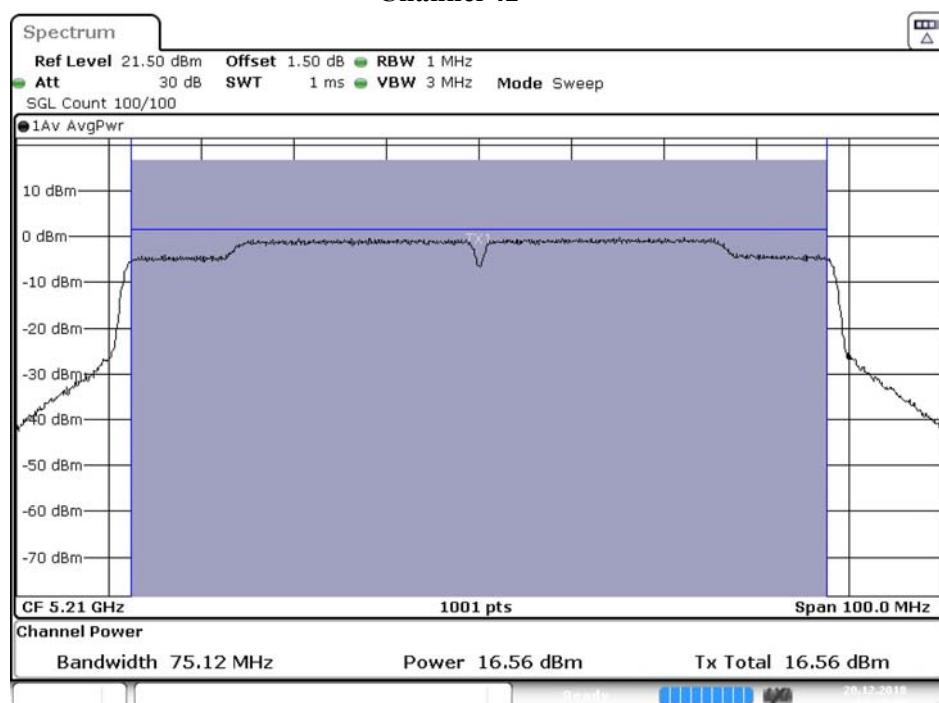
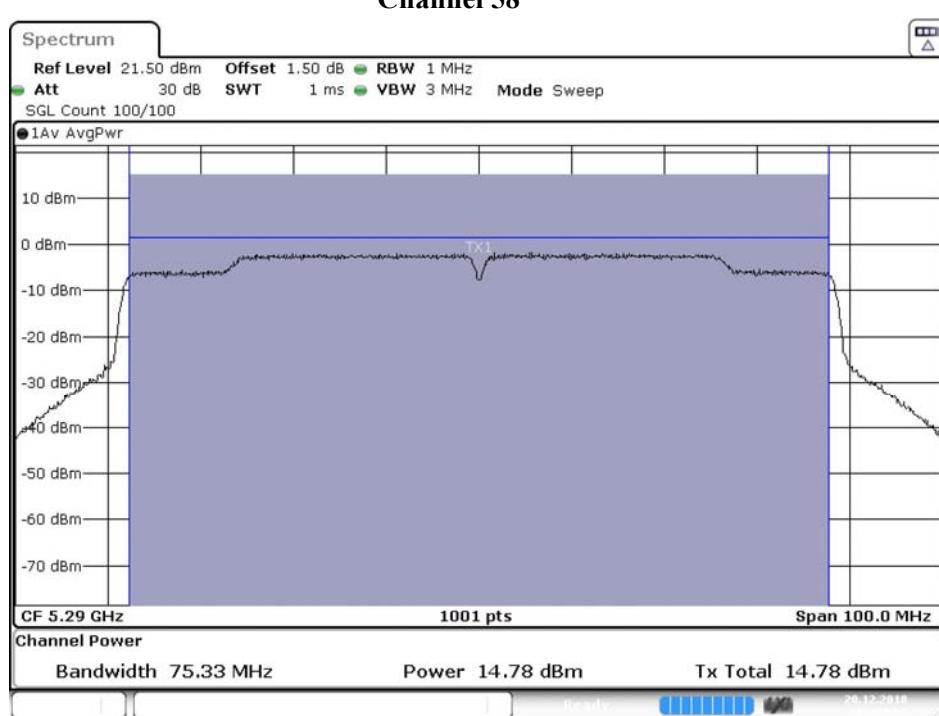


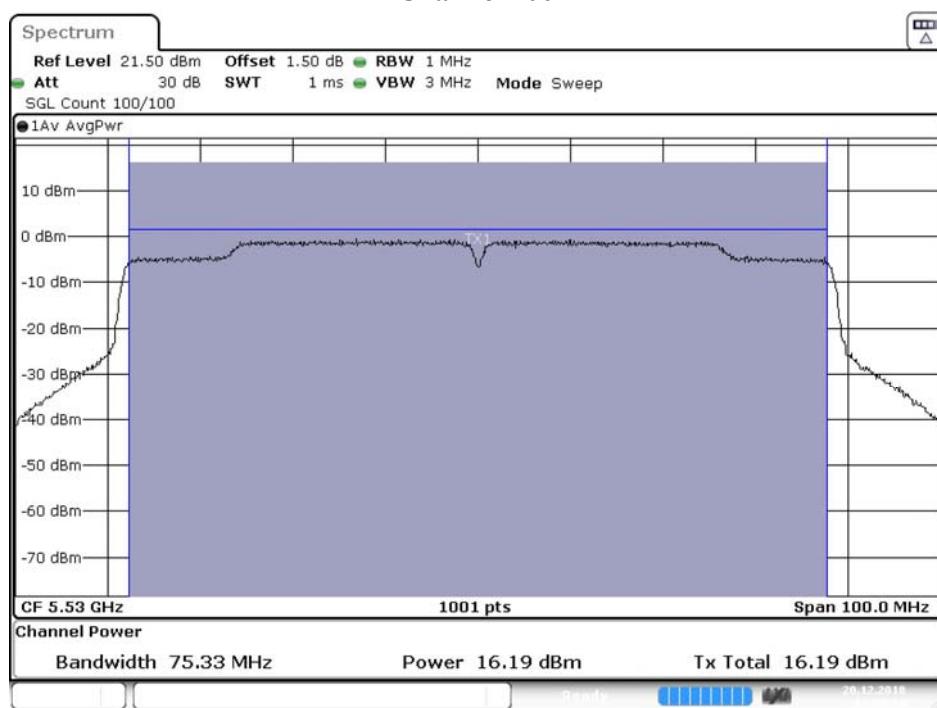
Date: 20.DEC.2018 14:38:02

Channel 155

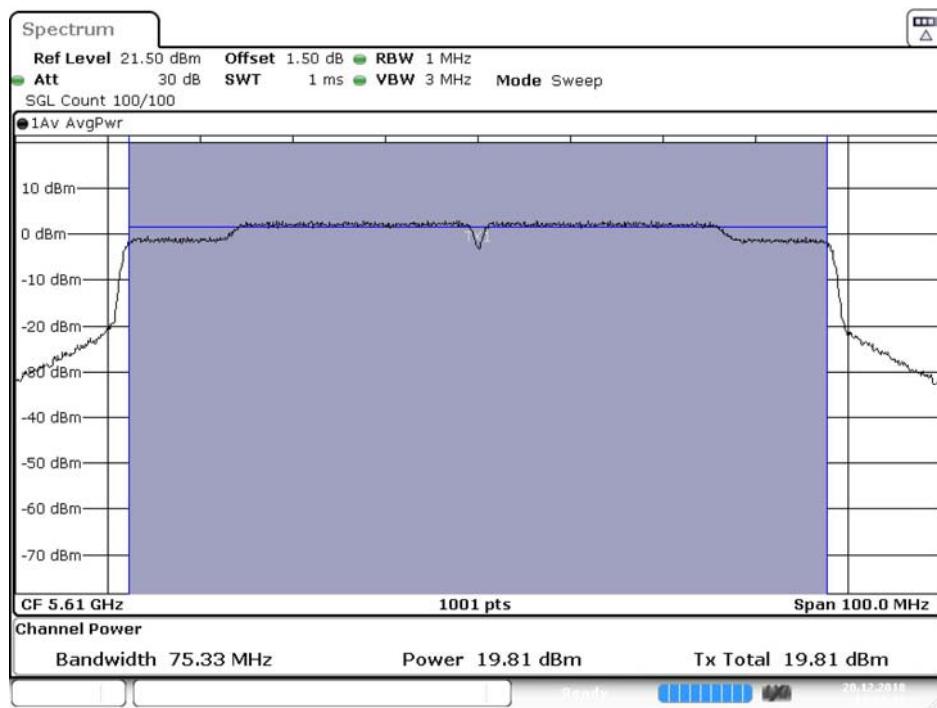


Date: 20.DEC.2018 15:12:56

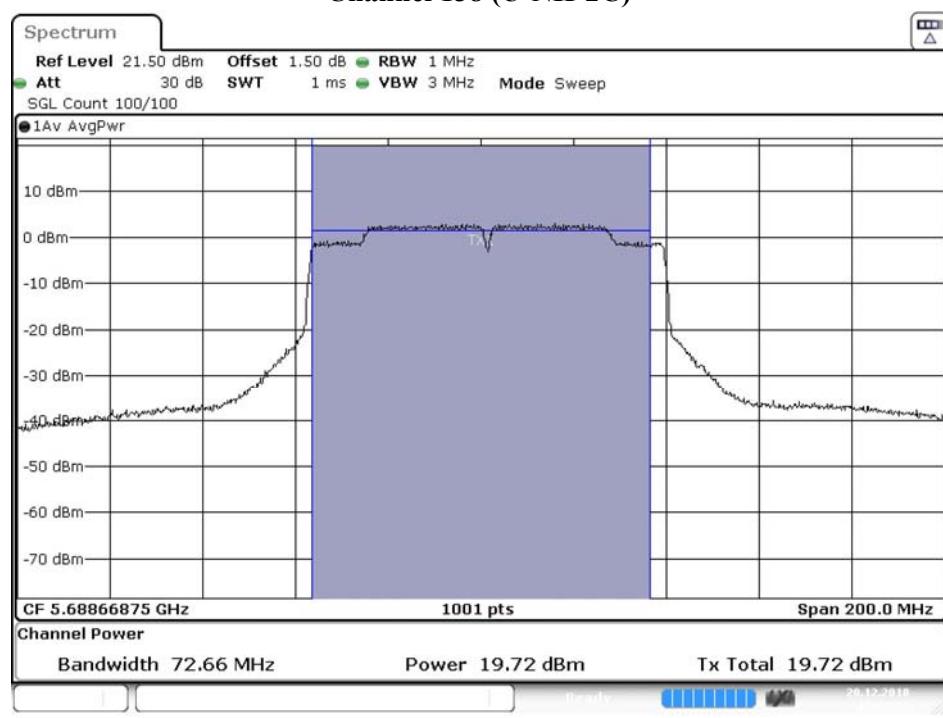
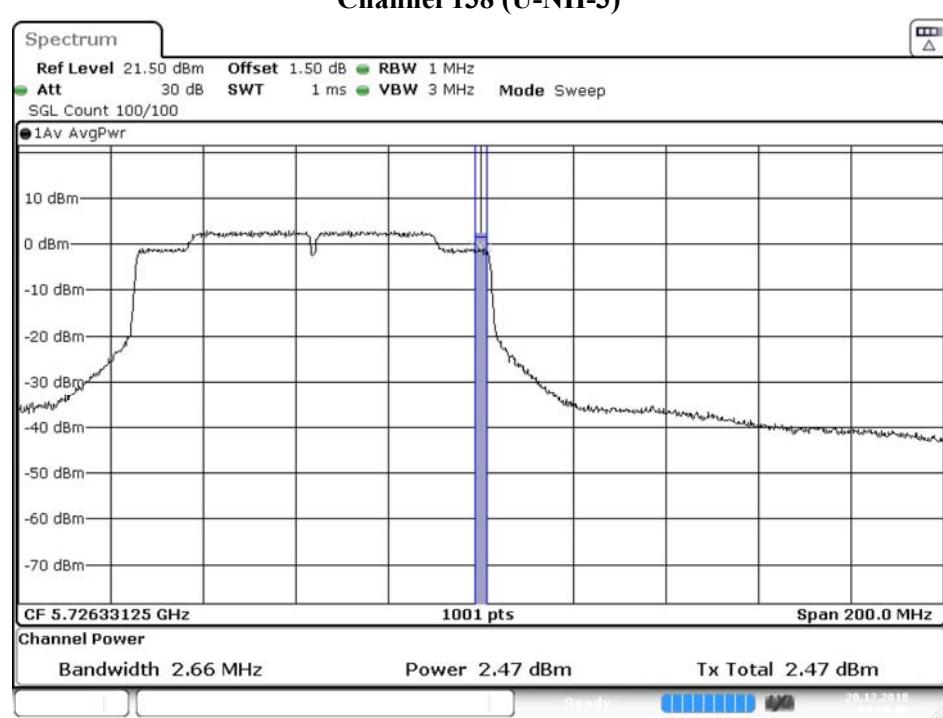
Maximum conducted output power:**Channel 42****Maximum conducted output power:****Channel 58**

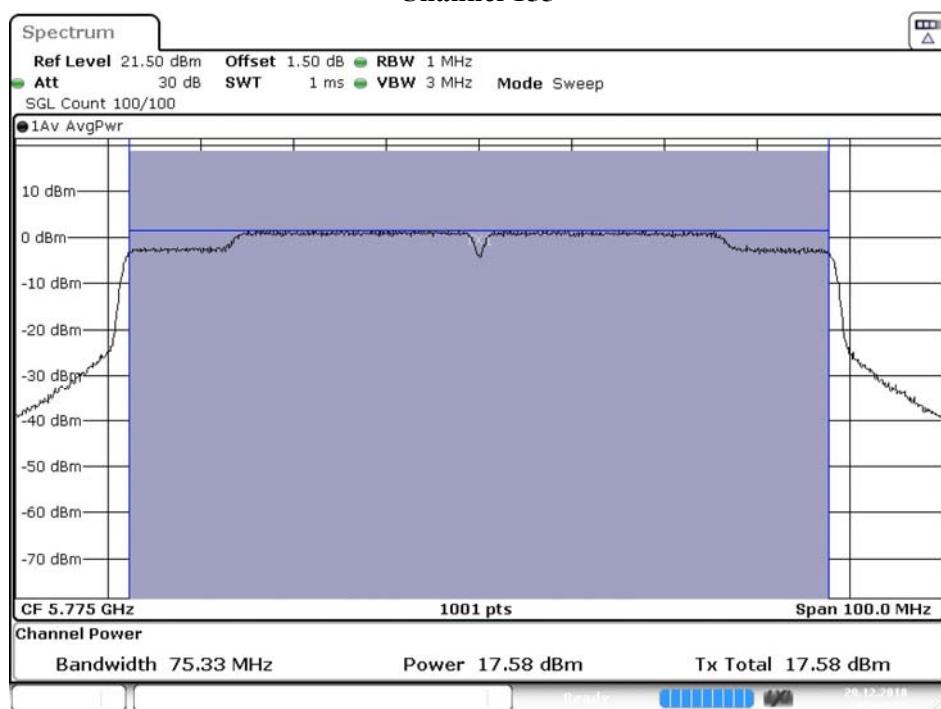
Maximum conducted output power:**Channel 106**

Date: 20.DEC.2018 14:36:18

Maximum conducted output power:**Channel 122**

Date: 20.DEC.2018 14:37:22

Maximum conducted output power:
Channel 138 (U-NII-2C)

Maximum conducted output power:
Channel 138 (U-NII-3)


Maximum conducted output power:**Channel 155**

Product : Intel® Wireless-AC 9560
 Test Item : Maximum conducted output power
 Test Date : 2018/12/20
 Test Mode : Mode 2 SISO B: Transmit (802.11ac-160BW_65Mbps)

Cable loss=1.5dB		Average Power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
50(U-NII-1)	5250	9.23	9.21	9.19	9.15	9.11	9.08	9.05	9.02	8.99	8.96 <24dBm
50(U-NII-2A)	5250	9.73	9.71	9.68	9.66	9.63	9.58	9.56	9.52	9.49	9.45 <24dBm
114	5570	14.31	14.28	14.25	14.21	14.18	14.16	14.13	14.08	14.05	14.01 <24dBm

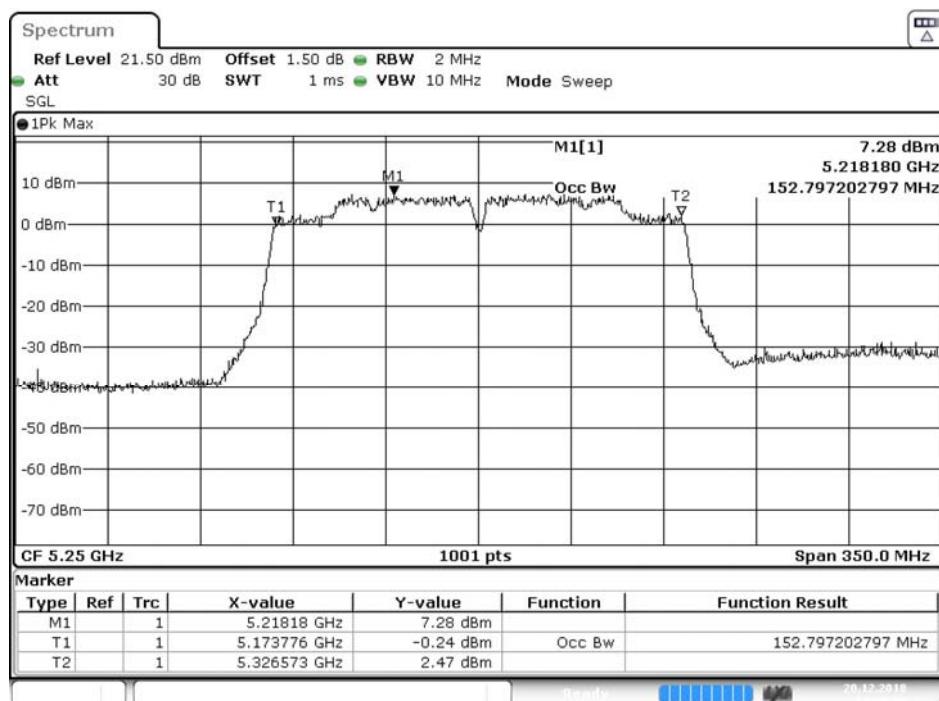
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	(dBm) + 10log(BW)	
50(U-NII-1)	5250	--	9.23	24	--	Pass
50(U-NII-2A)	5250	76.399	9.73	24	29.83	Pass
114	5570	153.146	14.31	24	32.85	Pass

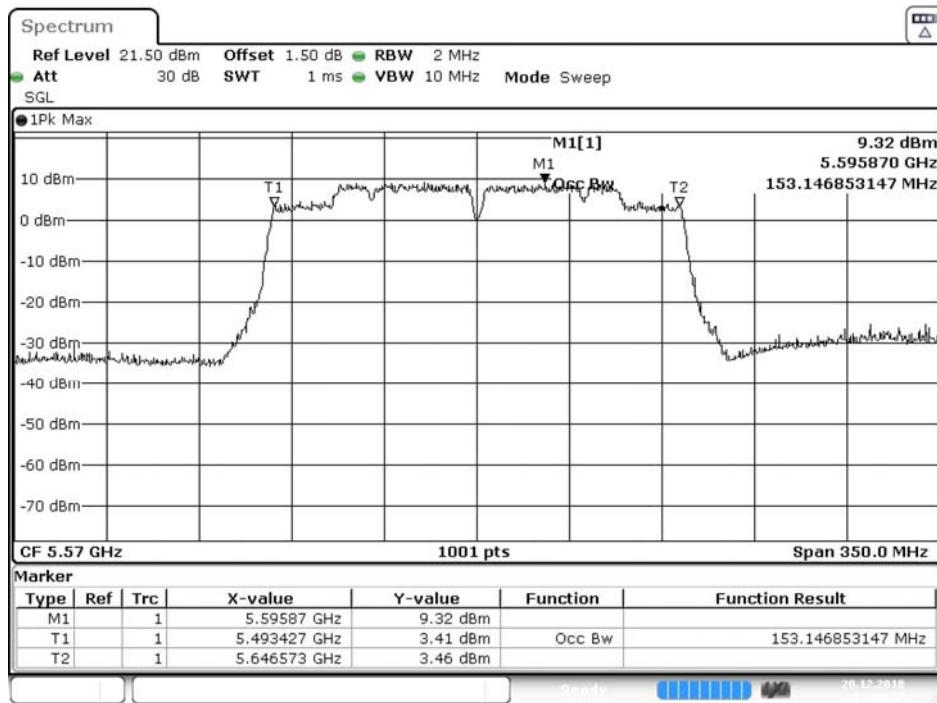
99% Occupied Bandwidth:

Channel 50

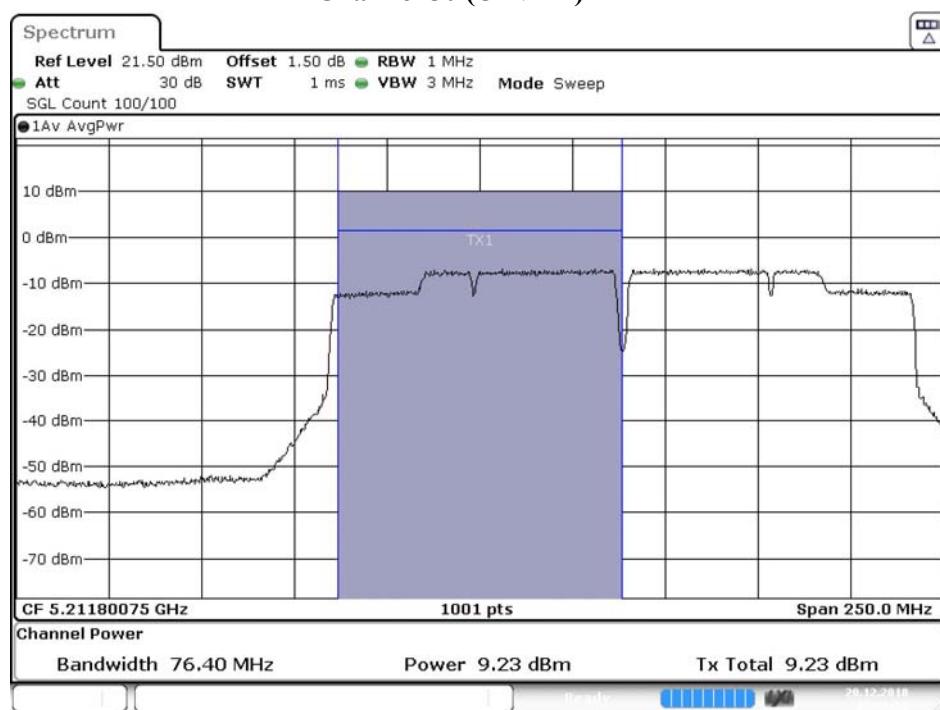


Date: 20.DEC.2018 14:26:37

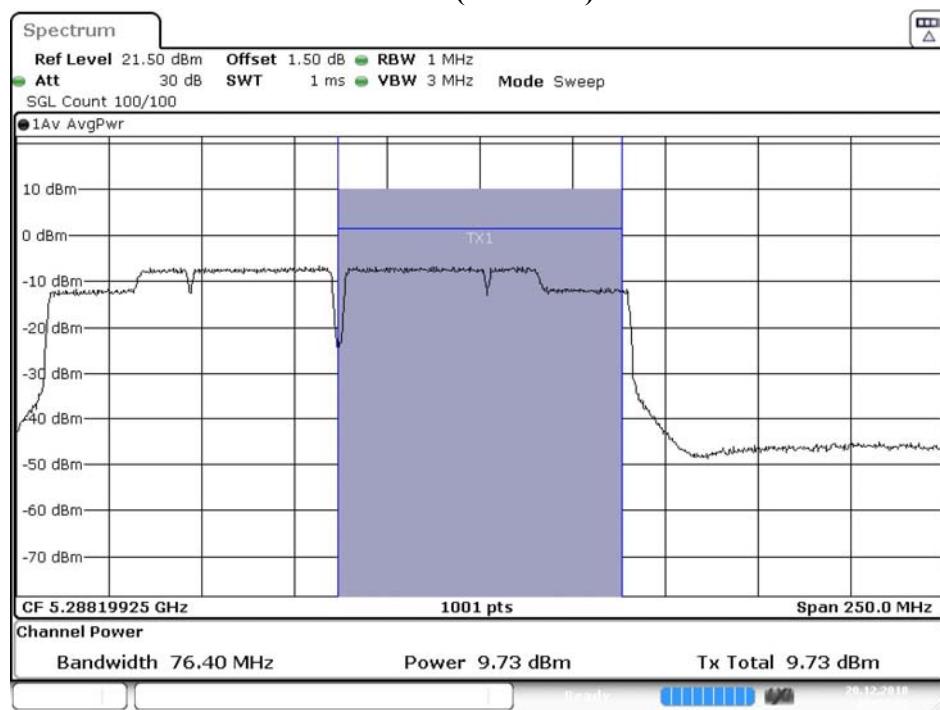
Channel 114



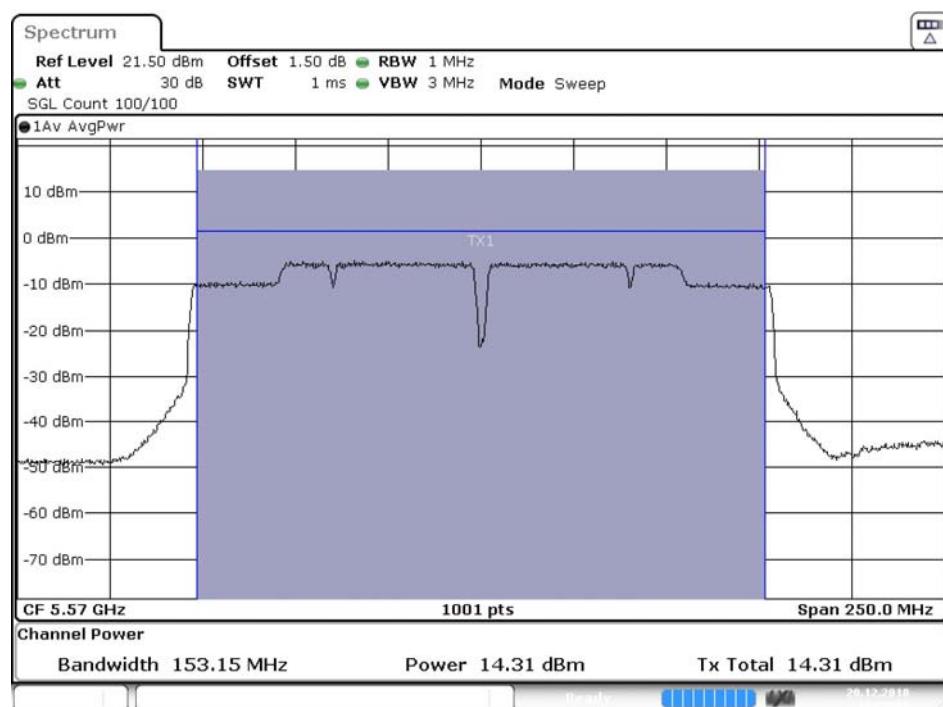
Date: 20.DEC.2018 14:28:38

Maximum conducted output power:
Channel 50 (U-NII-1)


Date: 20.DEC.2018 14:26:59

Maximum conducted output power:
Channel 50 (U-NII-2A)


Date: 20.DEC.2018 14:27:22

Maximum conducted output power:**Channel 114**

Product : Intel® Wireless-AC 9560
 Test Item : Maximum conducted output power
 Test Date : 2018/12/20
 Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)

Chain A

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
36	5180	14.72	--	--	--	--	--	--	--	<24dBm
40	5200	17.73	17.71	17.69	17.65	17.62	17.58	17.55	17.52	<24dBm
48	5240	17.83	--	--	--	--	--	--	--	<24dBm
52	5260	17.84	--	--	--	--	--	--	--	<24dBm
56	5280	17.85	17.82	17.78	17.75	17.73	17.69	17.64	17.61	<24dBm
64	5320	14.89	--	--	--	--	--	--	--	<24dBm
100	5500	14.74	--	--	--	--	--	--	--	<24dBm
120	5600	17.81	17.79	17.76	17.72	17.69	17.66	17.62	17.58	<24dBm
140	5700	16.77	--	--	--	--	--	--	--	<24dBm
149	5745	17.77	--	--	--	--	--	--	--	<30dBm
157	5785	17.82	17.77	17.75	17.71	17.68	17.65	17.61	17.57	<30dBm
165	5825	17.86	--	--	--	--	--	--	--	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
36	5180	14.76	--	--	--	--	--	--	--	<24dBm
40	5200	17.72	17.69	17.65	17.63	17.58	17.55	17.52	17.48	<24dBm
48	5240	17.73	--	--	--	--	--	--	--	<24dBm
52	5260	17.83	--	--	--	--	--	--	--	<24dBm
56	5280	17.84	17.81	17.79	17.77	17.73	17.68	17.64	17.62	<24dBm
64	5320	14.75	--	--	--	--	--	--	--	<24dBm
100	5500	14.82	--	--	--	--	--	--	--	<24dBm
120	5600	17.79	17.76	17.75	17.69	17.65	17.63	17.57	17.55	<24dBm
140	5700	16.62	--	--	--	--	--	--	--	<24dBm
149	5745	17.88	--	--	--	--	--	--	--	<30dBm
157	5785	17.79	17.75	17.71	17.67	17.66	17.62	17.58	17.56	<30dBm
165	5825	17.91	--	--	--	--	--	--	--	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

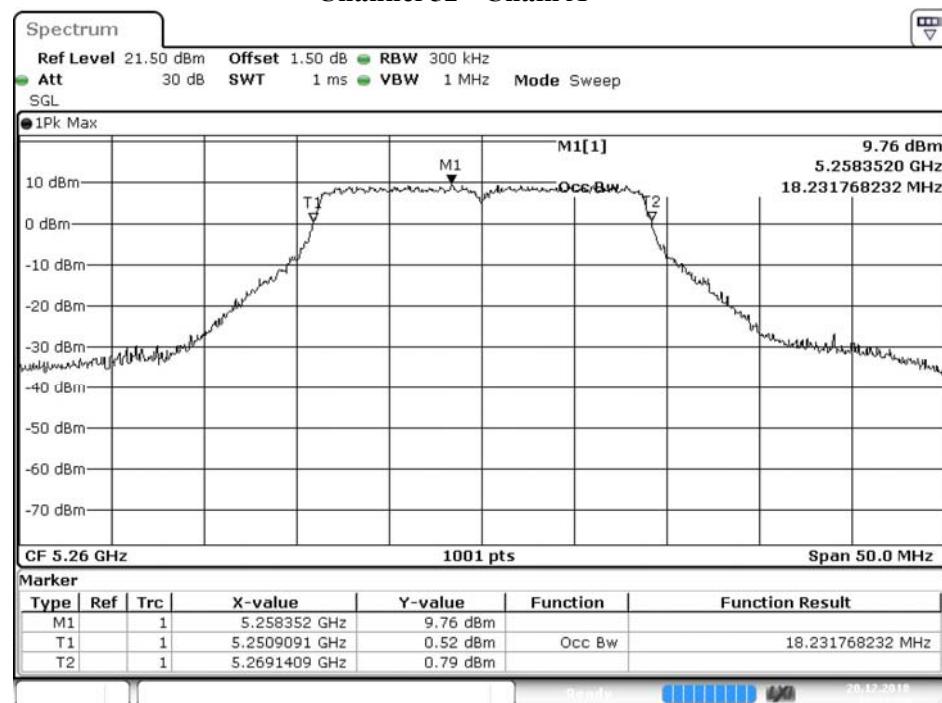
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
36	5180	--	14.72	14.76	17.75	24	--	Pass
40	5200	--	17.73	17.72	20.74	24	--	Pass
48	5240	--	17.83	17.73	20.79	24	--	Pass
52	5260	18.031	17.84	17.83	20.85	24	23.56	Pass
56	5280	17.982	17.85	17.84	20.86	24	23.55	Pass
64	5320	17.982	14.89	14.75	17.83	24	23.55	Pass
100	5500	17.982	14.74	14.82	17.79	24	23.55	Pass
120	5600	17.982	17.81	17.79	20.81	24	23.55	Pass
140	5700	18.031	16.77	16.62	19.71	24	23.56	Pass
149	5745	--	17.77	17.88	20.84	30	--	Pass
157	5785	--	17.82	17.79	20.82	30	--	Pass
165	5825	--	17.86	17.91	20.90	30	--	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

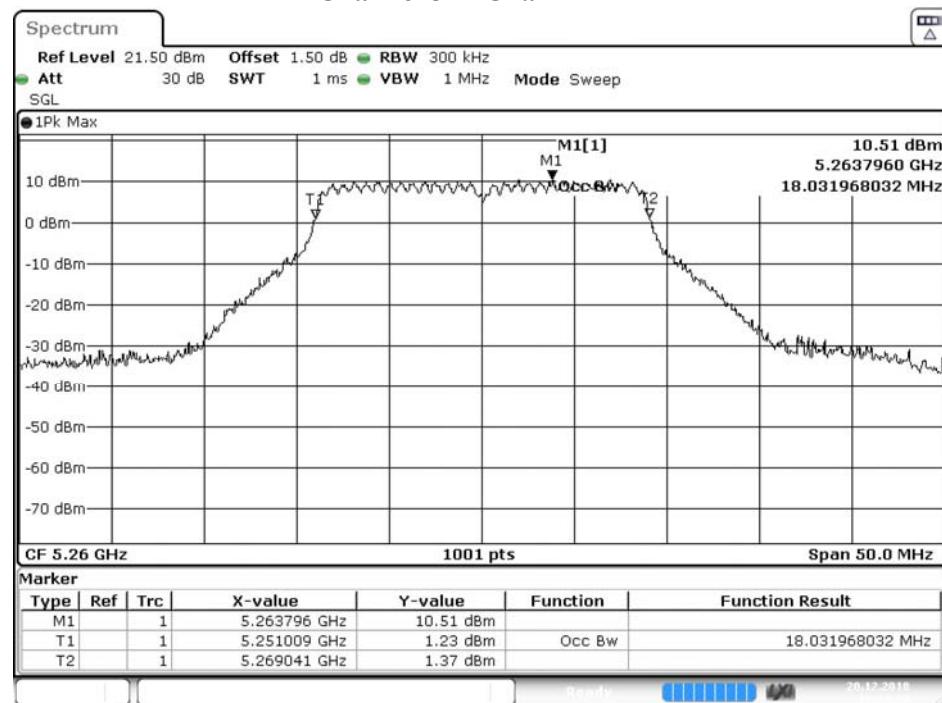
99% Occupied Bandwidth:

Channel 52 - Chain A



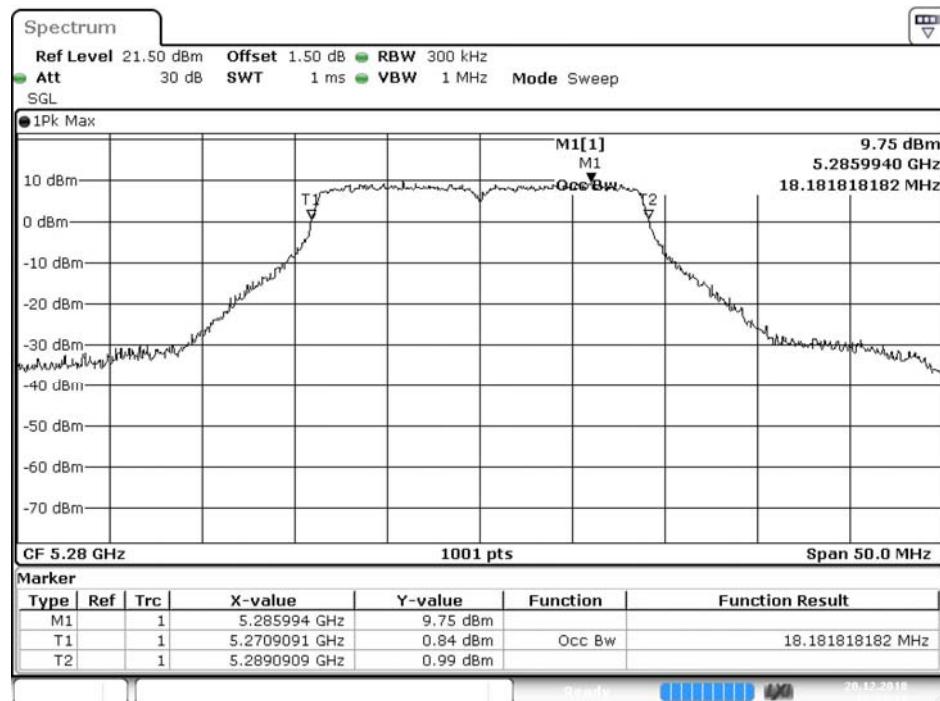
Date: 20.DEC.2018 16:11:31

Channel 52 - Chain B



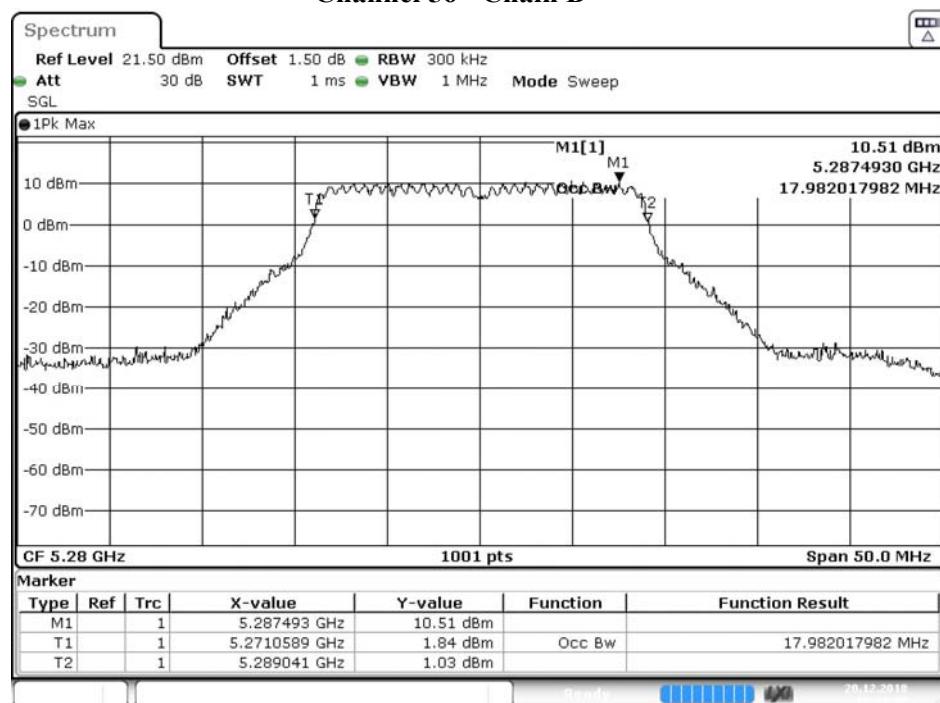
Date: 20.DEC.2018 16:17:26

Channel 56 - Chain A



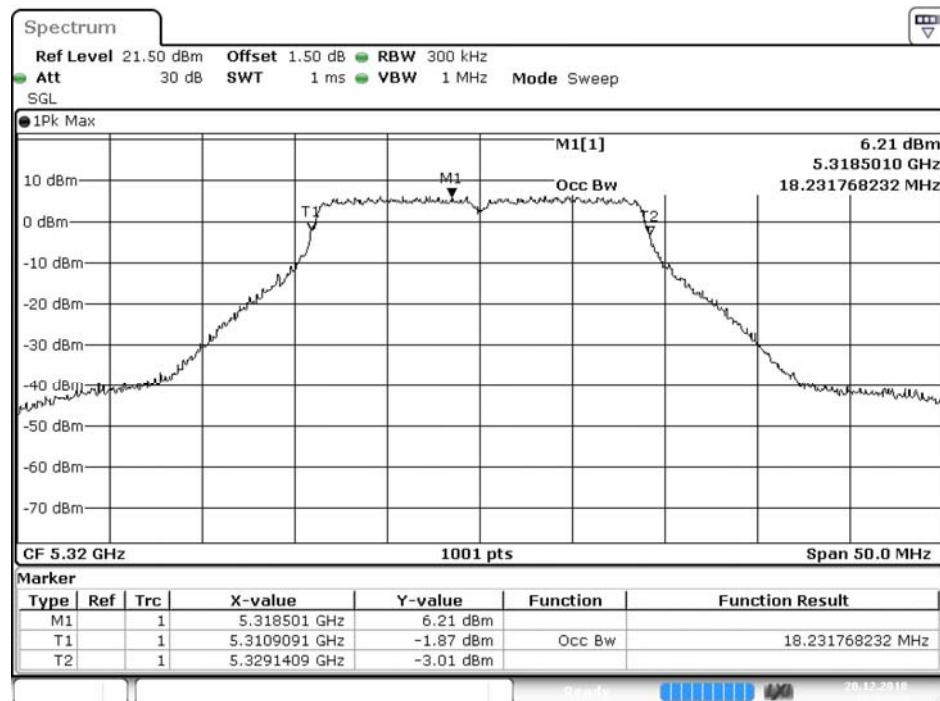
Date: 20.DEC.2018 16:12:12

Channel 56 - Chain B

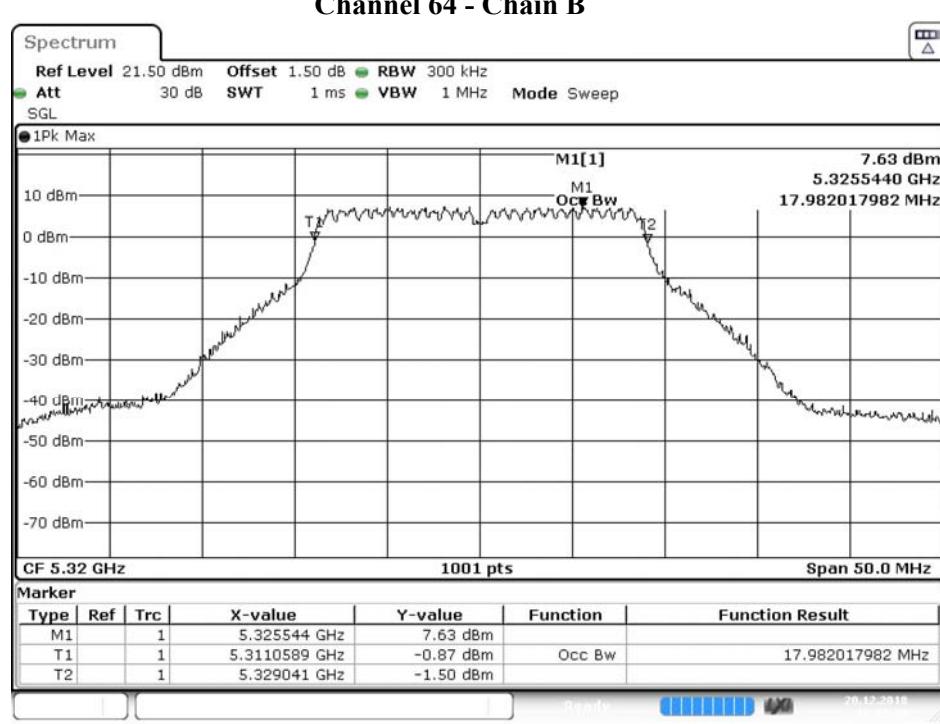


Date: 20.DEC.2018 16:18:07

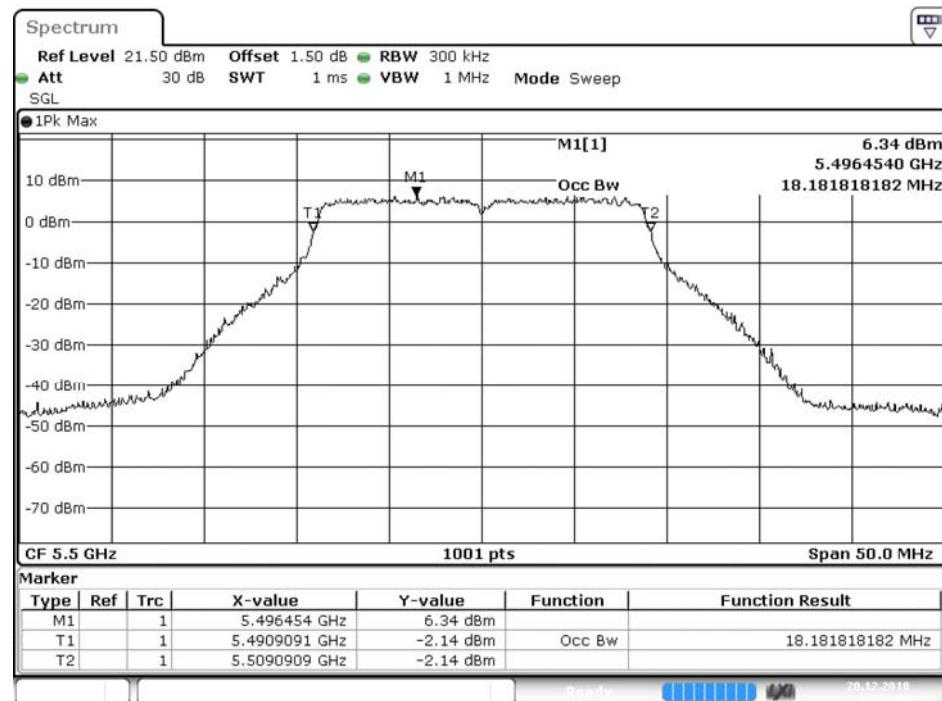
Channel 64 - Chain A



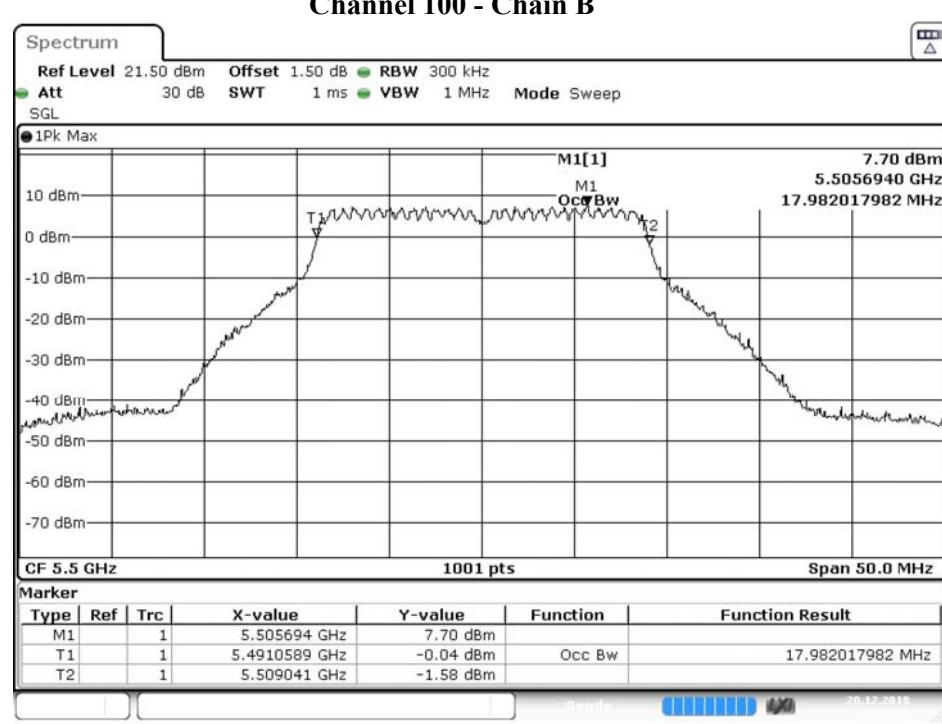
Channel 64 - Chain B



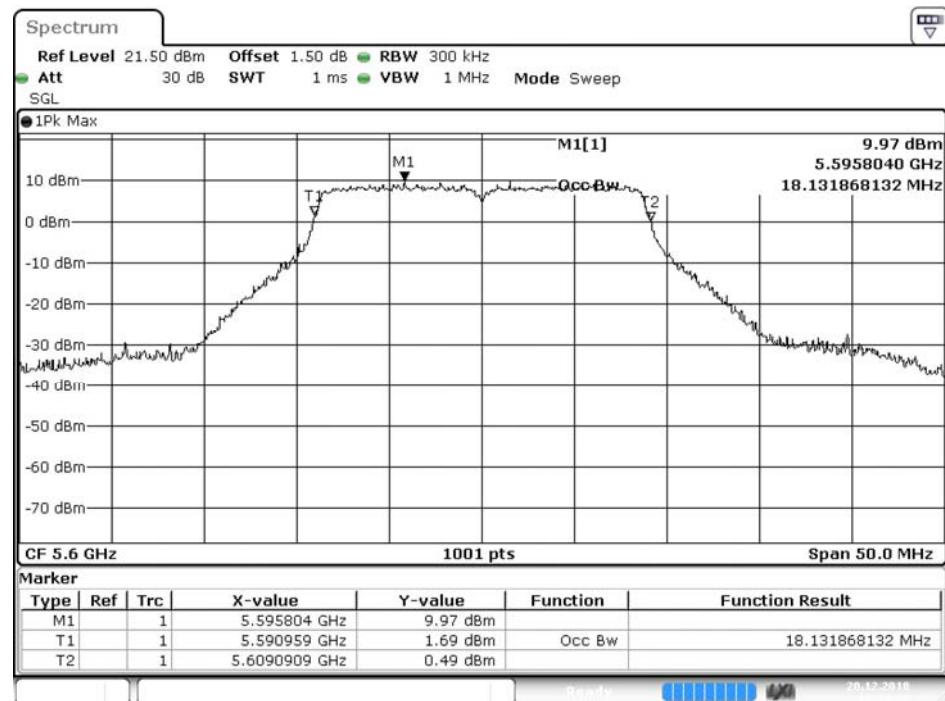
Channel 100 - Chain A



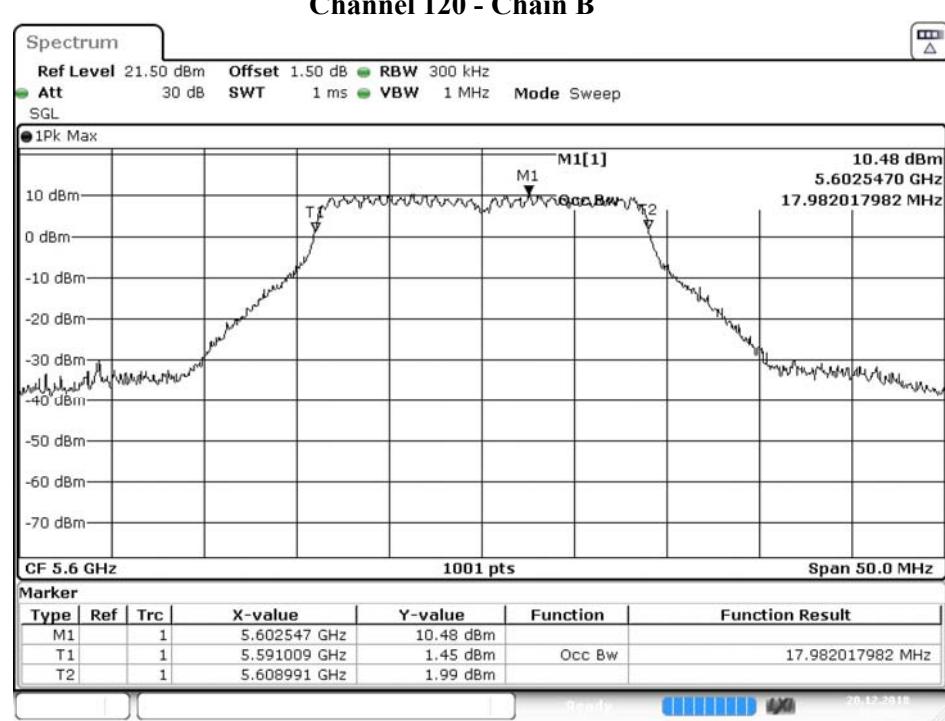
Channel 100 - Chain B



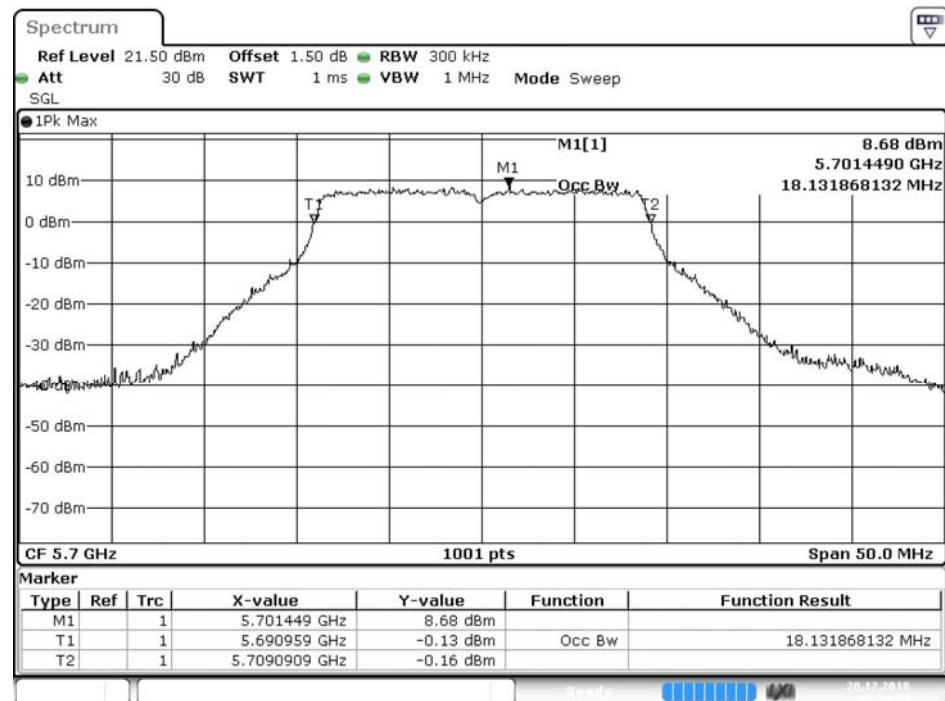
Channel 120 - Chain A



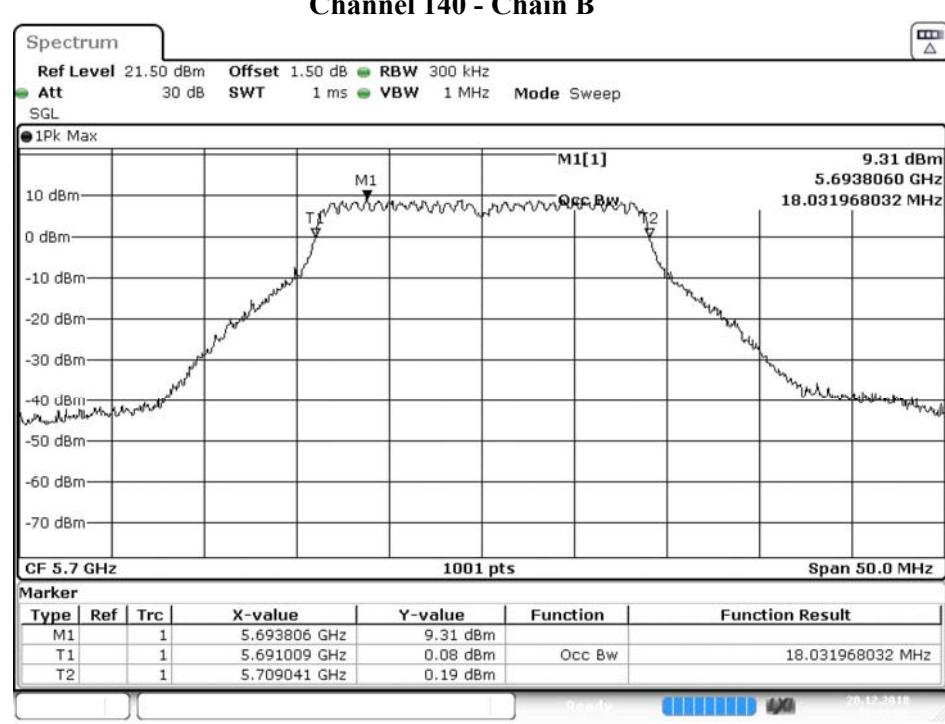
Channel 120 - Chain B



Channel 140 - Chain A



Channel 140 - Chain B



Product : Intel® Wireless-AC 9560
 Test Item : Maximum conducted output power
 Test Date : 2018/12/20
 Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)

Chain A

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
38	5190	14.91	--	--	--	--	--	--	--	<24dBm
46	5230	17.68	17.66	17.63	17.59	17.54	17.51	17.48	17.43	<24dBm
54	5270	16.81	--	--	--	--	--	--	--	<24dBm
62	5310	13.83	13.81	13.78	13.74	13.72	13.28	13.25	13.21	<24dBm
102	5510	15.41	--	--	--	--	--	--	--	<24dBm
118	5590	17.86	17.85	17.82	17.77	17.75	17.72	17.68	17.66	<24dBm
134	5670	17.34	--	--	--	--	--	--	--	<24dBm
151	5755	17.34	--	--	--	--	--	--	--	<30dBm
159	5795	17.79	17.75	17.72	17.69	17.65	17.62	17.58	17.54	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
38	5190	14.77	--	--	--	--	--	--	--	<24dBm
46	5230	17.77	17.75	17.71	17.69	17.66	17.63	17.57	17.54	<24dBm
54	5270	16.83	--	--	--	--	--	--	--	<24dBm
62	5310	13.72	13.69	13.65	13.62	13.58	13.55	13.51	13.47	<24dBm
102	5510	15.37	--	--	--	--	--	--	--	<24dBm
118	5590	17.76	17.74	17.71	17.67	17.63	17.61	17.58	17.55	<24dBm
134	5670	17.32	--	--	--	--	--	--	--	<24dBm
151	5755	17.35	--	--	--	--	--	--	--	<30dBm
159	5795	17.77	17.75	17.71	17.69	17.65	17.62	17.57	17.54	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

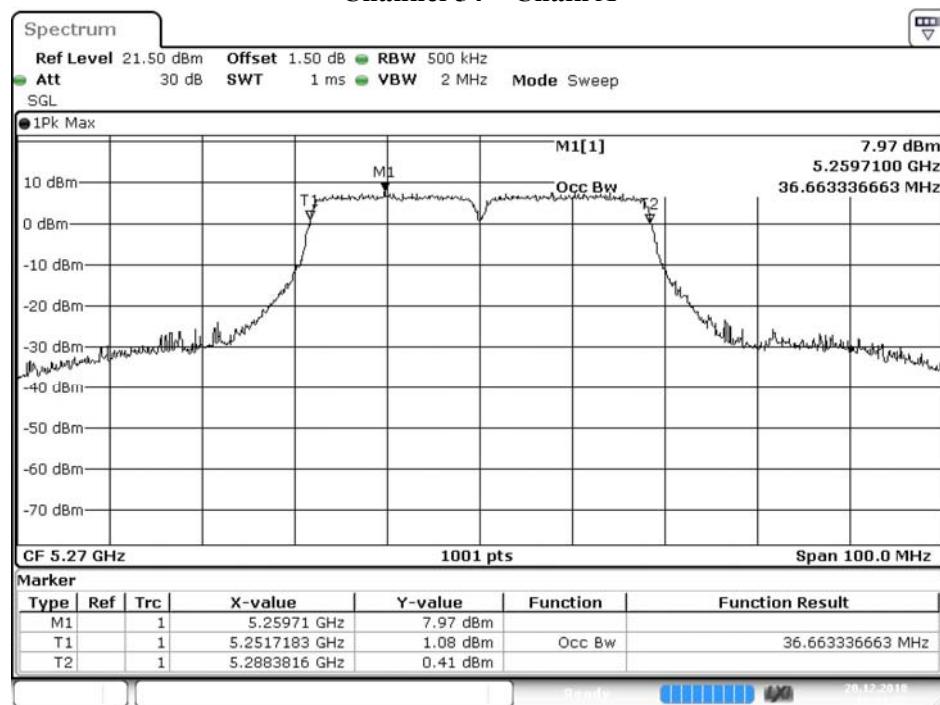
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	(dBm)+10log(BW)	
38	5190	--	14.91	14.77	17.85	24	--	Pass
46	5230	--	17.68	17.77	20.74	24	--	Pass
54	5270	36.363	16.81	16.83	19.83	24	26.61	Pass
62	5310	36.363	13.83	13.72	16.79	24	26.61	Pass
102	5510	36.463	15.41	15.37	18.40	24	26.62	Pass
118	5590	36.463	17.86	17.76	20.82	24	26.62	Pass
134	5670	36.463	17.34	17.32	20.34	24	26.62	Pass
151	5755	--	17.34	17.35	20.36	30	--	Pass
159	5795	--	17.79	17.77	20.79	30	--	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

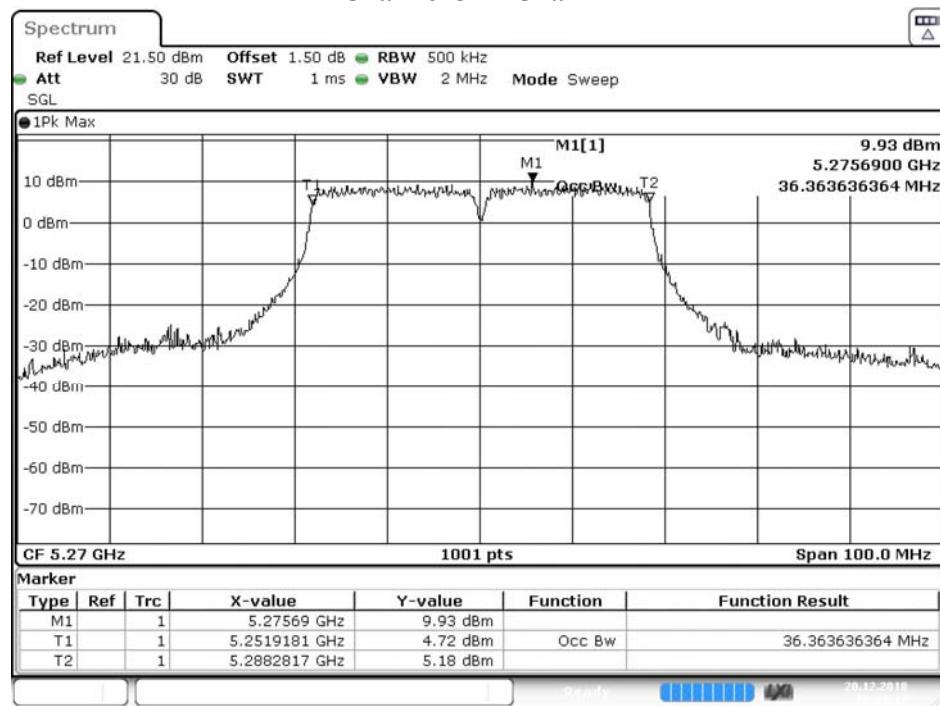
99% Occupied Bandwidth:

Channel 54 – Chain A



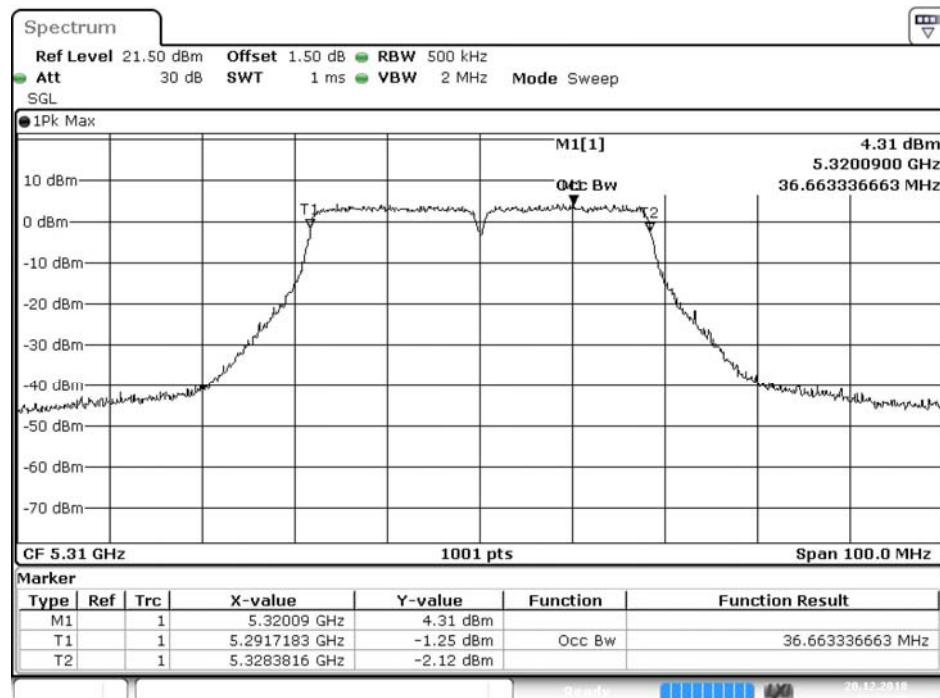
Date: 20.DEC.2018 16:16:23

Channel 54 – Chain B



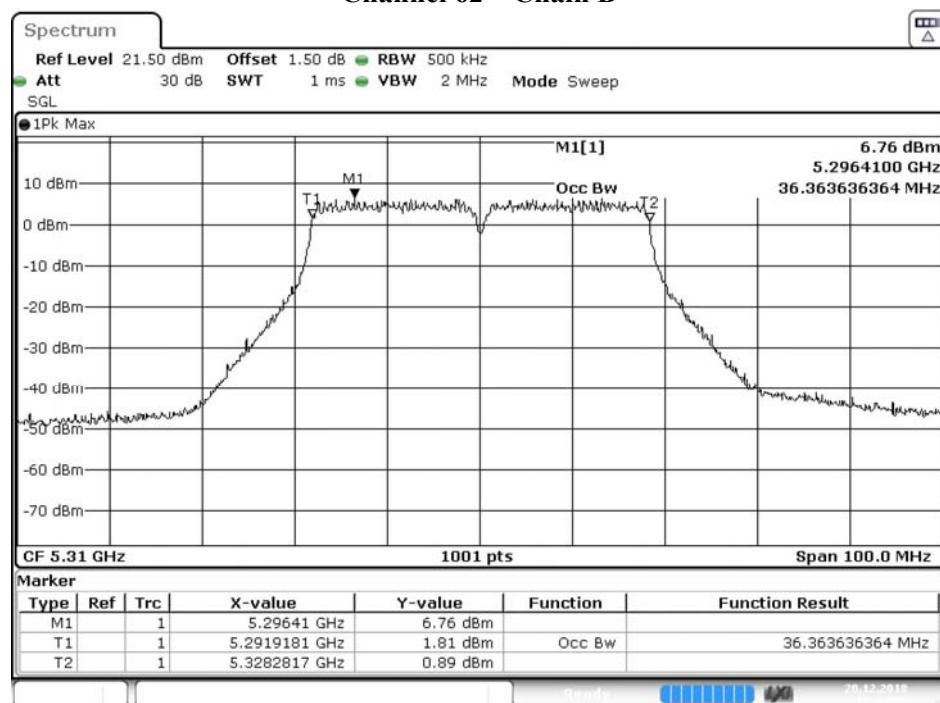
Date: 20.DEC.2018 16:22:18

Channel 62 – Chain A



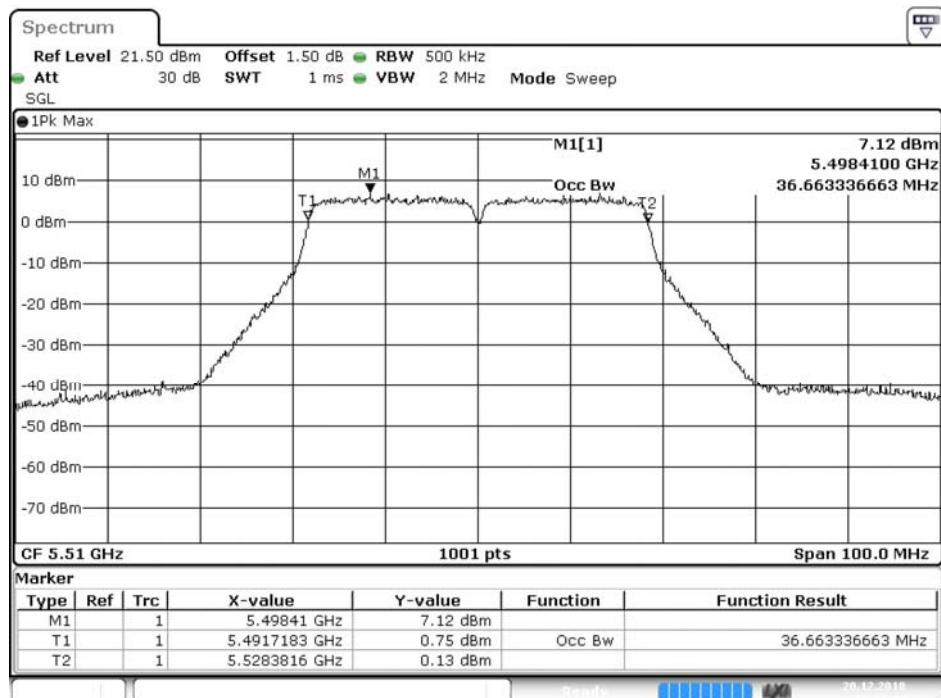
Date: 20.DEC.2018 16:17:04

Channel 62 – Chain B



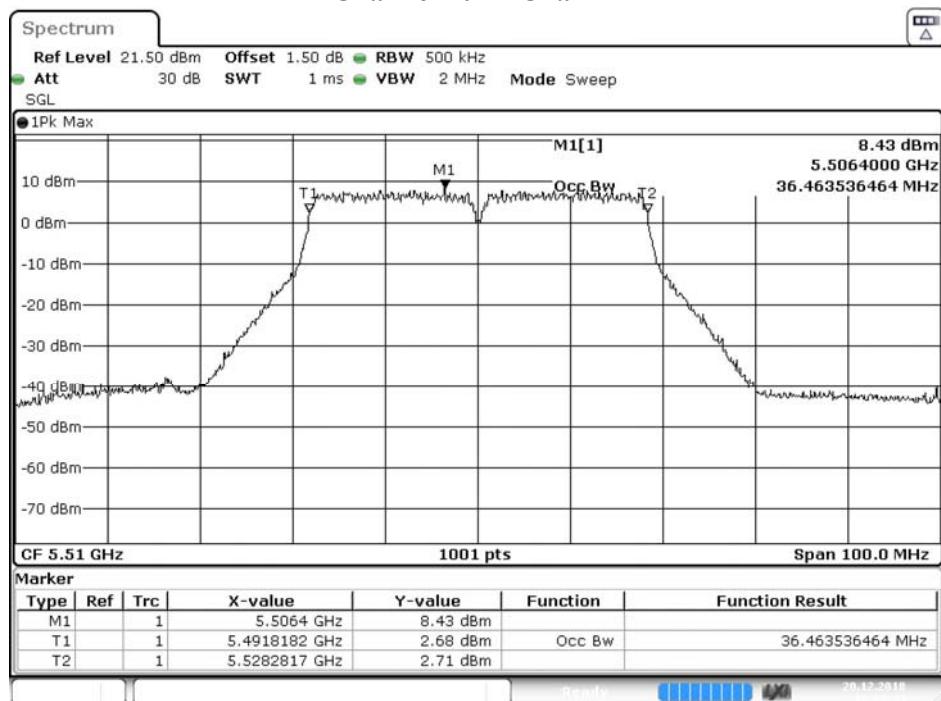
Date: 20.DEC.2018 16:22:59

Channel 102 – Chain A



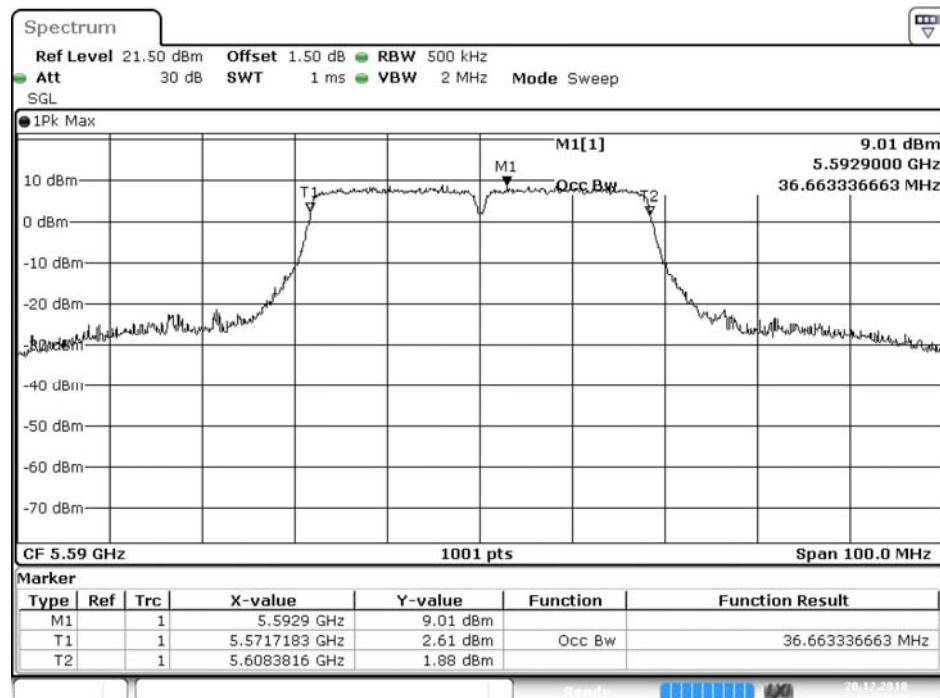
Date: 20.DEC.2018 16:17:49

Channel 102 – Chain B



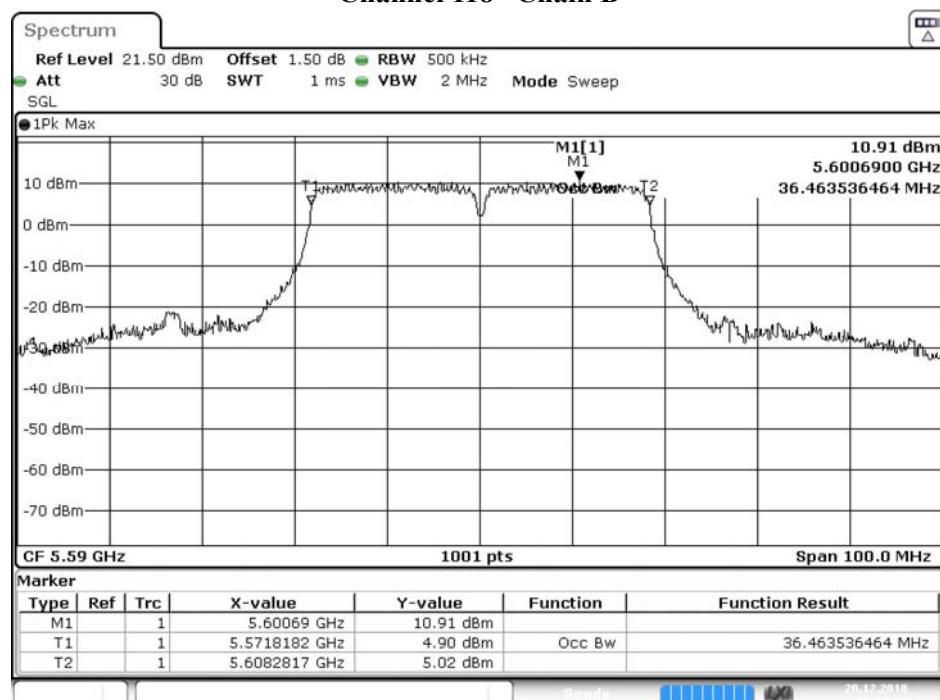
Date: 20.DEC.2018 16:23:44

Channel 118– Chain A



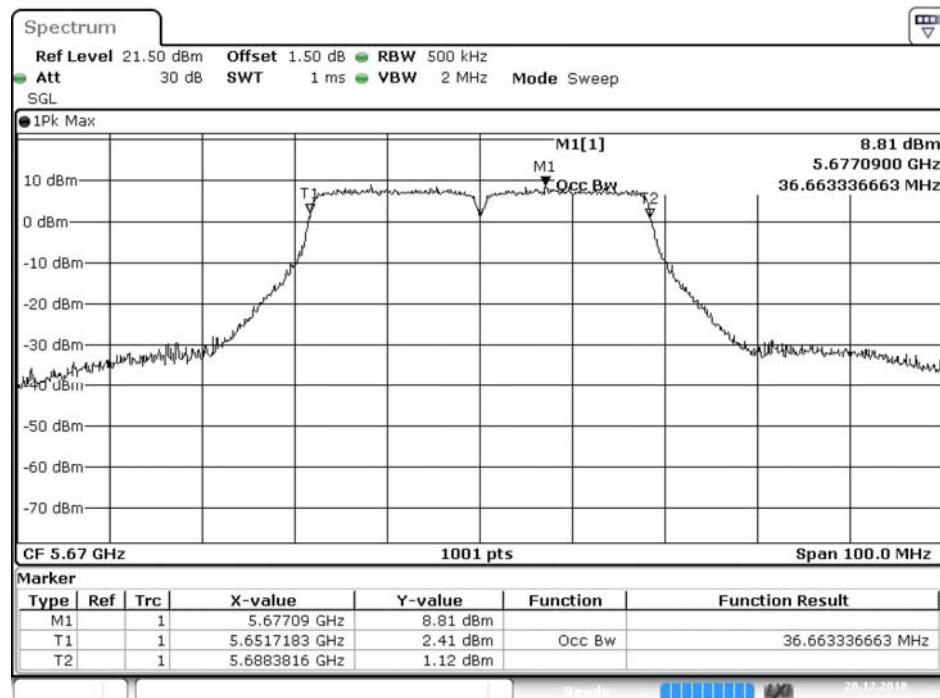
Date: 20.DEC.2018 16:18:38

Channel 118– Chain B



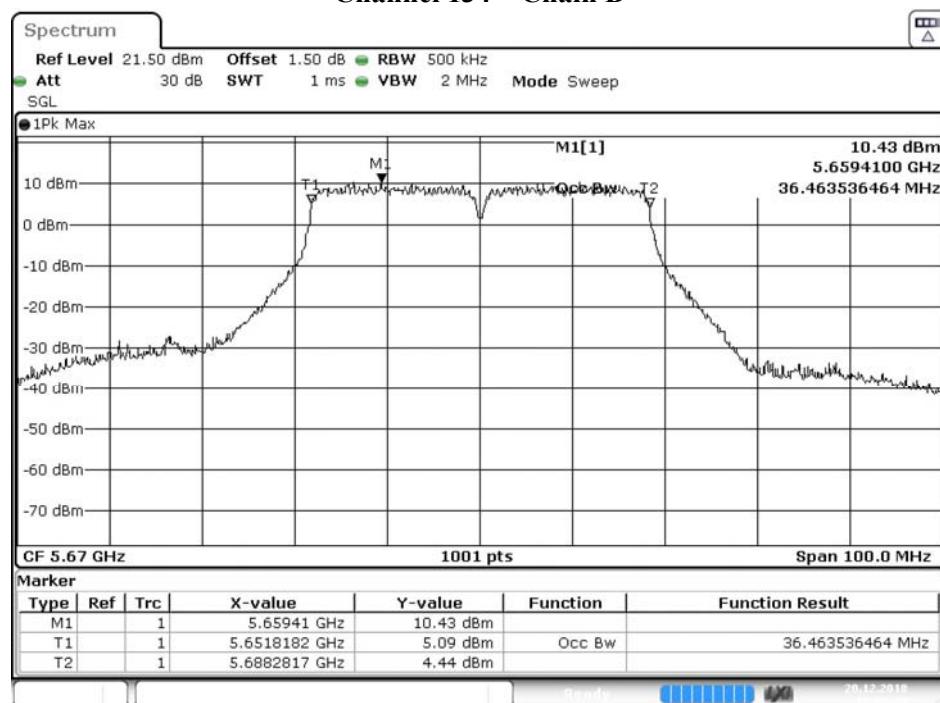
Date: 20.DEC.2018 16:24:33

Channel 134 – Chain A



Date: 20.DEC.2018 16:19:30

Channel 134 – Chain B



Date: 20.DEC.2018 16:25:25

Product : Intel® Wireless-AC 9560
 Test Item : Maximum conducted output power
 Test Date : 2018/09/04
 Test Mode : Mode 3 MIMO: Transmit (802.11ac-20BW_14.4Mbps)

Chain A

Cable loss=1.5dB		Average Power									
Channel No.	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
		Measurement Level (dBm)									
144(U-NII-2C)	5720	15.63	15.61	15.58	15.55	15.52	15.49	15.45	15.42	15.38	<24dBm
144(U-NII-3)	5720	10.01	9.98	9.96	9.93	9.88	9.84	9.82	9.79	9.75	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Average Power									
Channel No.	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
		Measurement Level (dBm)									
144(U-NII-2C)	5720	15.84	15.81	15.79	15.76	15.72	15.69	15.66	15.63	15.58	<24dBm
144(U-NII-3)	5720	10.31	10.28	10.25	10.21	10.19	10.15	10.11	10.08	10.05	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

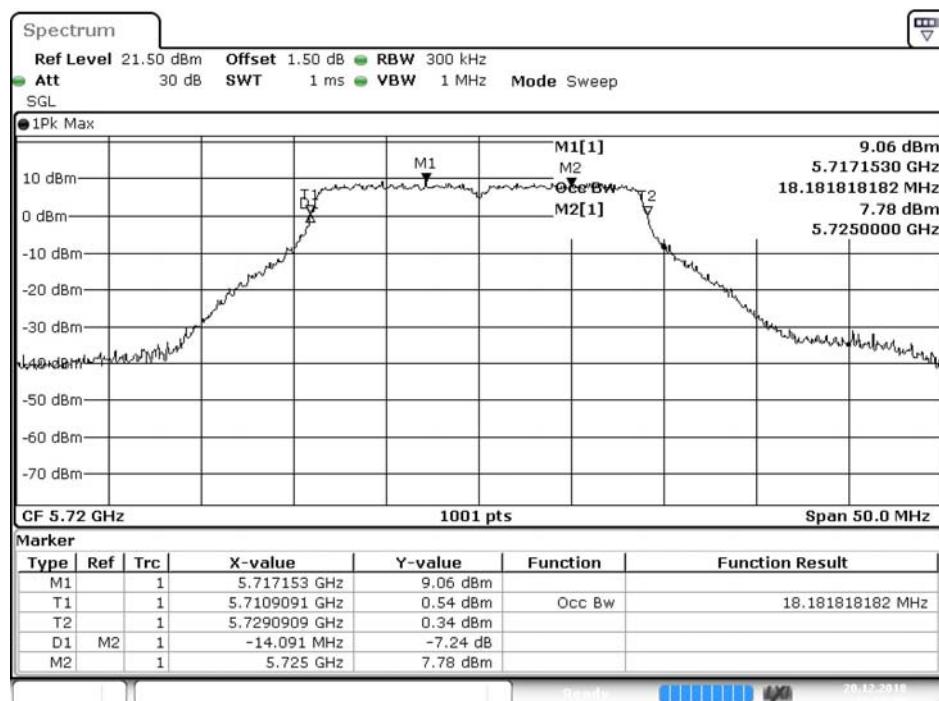
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	(dBm)+10log(BW)	
144(U-NII-2C)	5720	13.991	15.63	15.84	18.75	24	22.46	Pass
144(U-NII-3)	5720	--	10.01	10.31	13.17	30	--	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

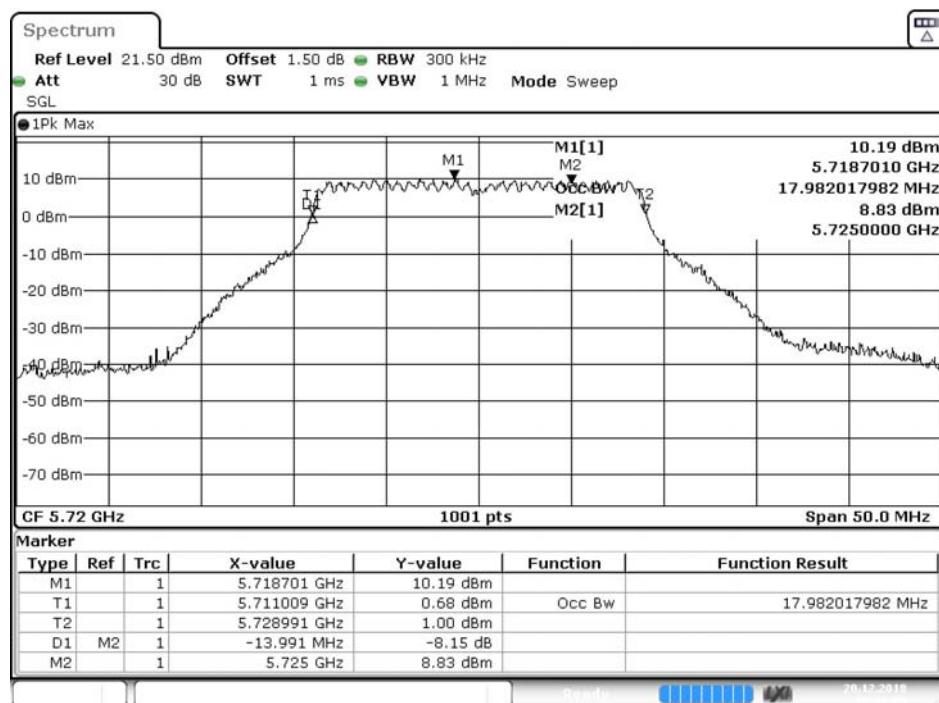
Channel 144 – Chain A



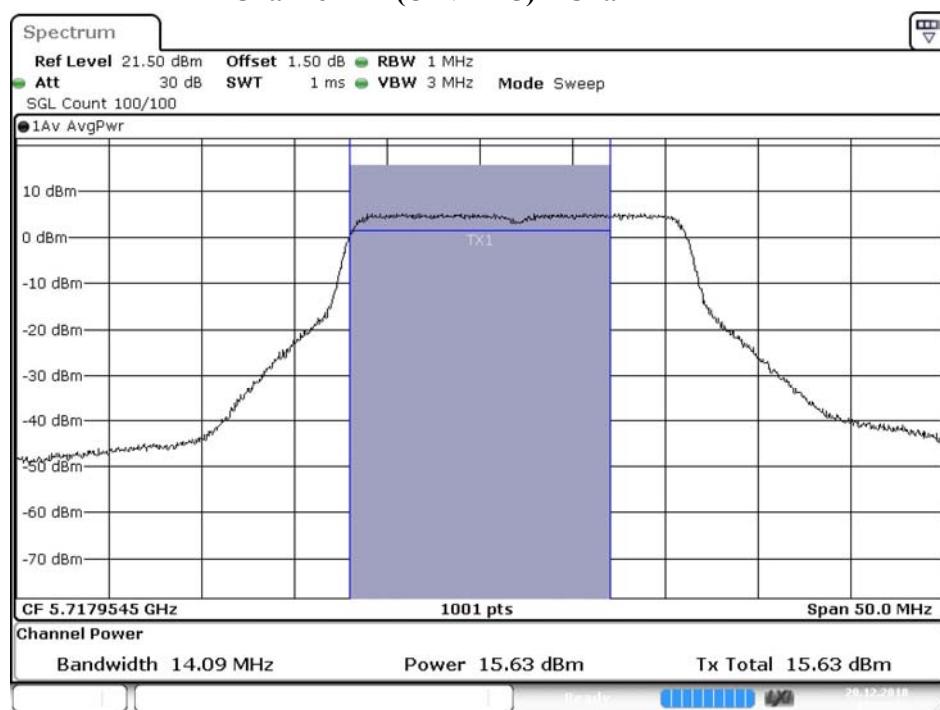
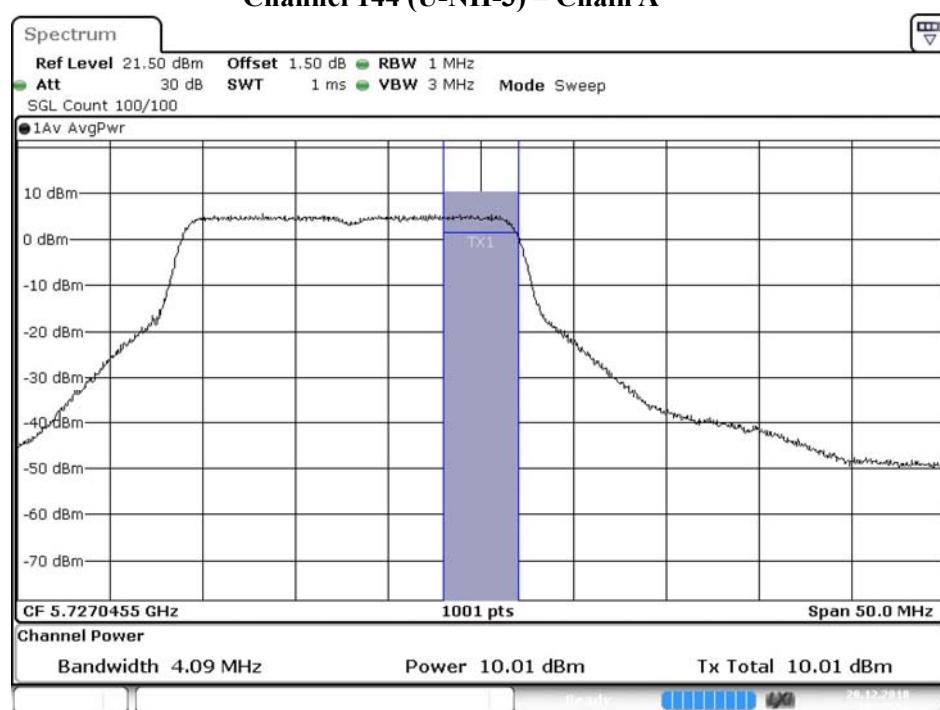
Date: 20.DEC.2018 15:55:09

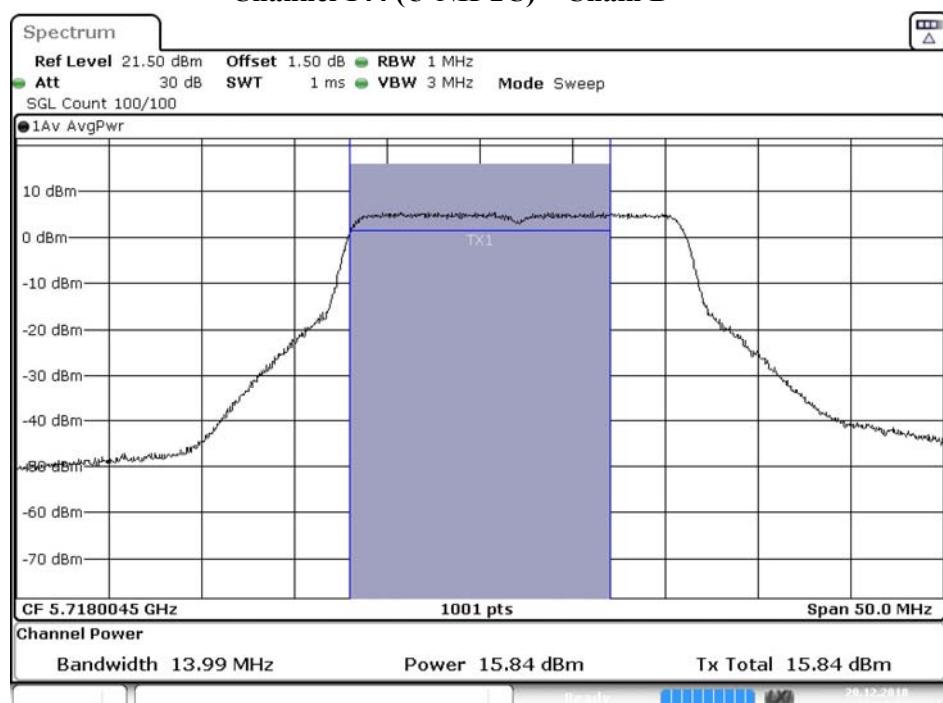
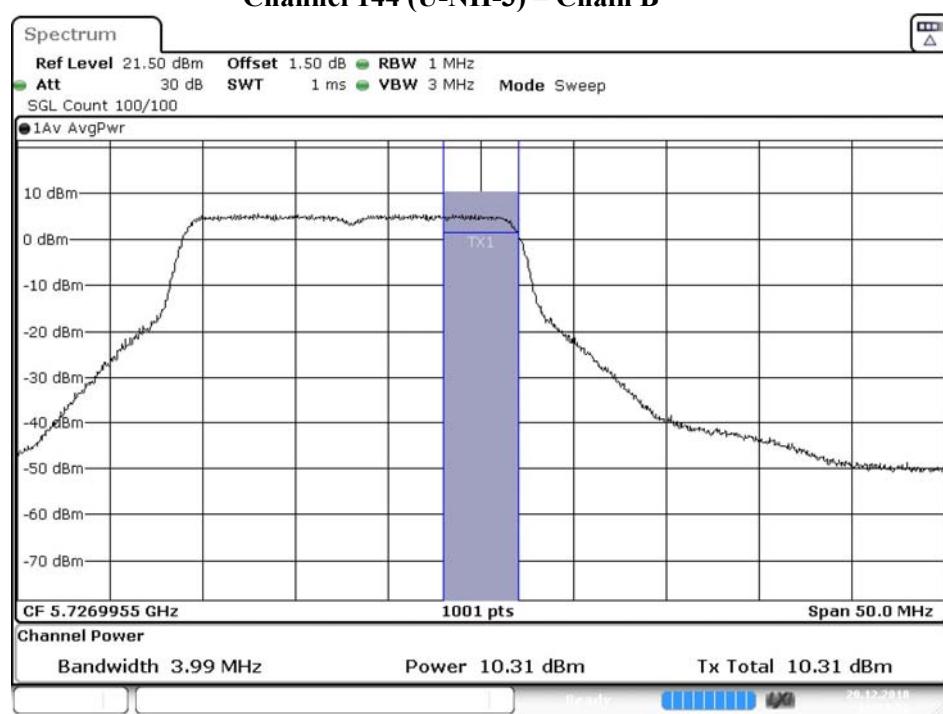
99% Occupied Bandwidth:

Channel 144 – Chain B



Date: 20.DEC.2018 16:01:04

Maximum conducted output power:**Channel 144 (U-NII-2C) – Chain A****Maximum conducted output power:****Channel 144 (U-NII-3) – Chain A**

Maximum conducted output power:**Channel 144 (U-NII-2C) – Chain B****Maximum conducted output power:****Channel 144 (U-NII-3) – Chain B**

Product : Intel® Wireless-AC 9560
 Test Item : Maximum conducted output power
 Test Date : 2018/12/20
 Test Mode : Mode 3 MIMO: Transmit (802.11ac-40BW_30Mbps)

Chain A

Cable loss=1.5dB		Average Power										Required Limit
Channel No.	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
142(U-NII-2C)	5710	17.29	17.26	17.21	17.19	17.15	17.12	17.08	17.05	17.01	16.98	<24dBm
142(U-NII-3)	5710	7.37	7.35	7.31	7.29	7.25	7.24	7.18	7.15	7.14	7.08	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Average Power										Required Limit
Channel No.	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
142(U-NII-2C)	5710	17.51	17.48	17.45	17.42	17.38	17.36	17.32	17.29	17.26	17.22	<24dBm
142(U-NII-3)	5710	7.52	7.49	7.46	7.42	7.39	7.35	7.33	7.27	7.26	7.24	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

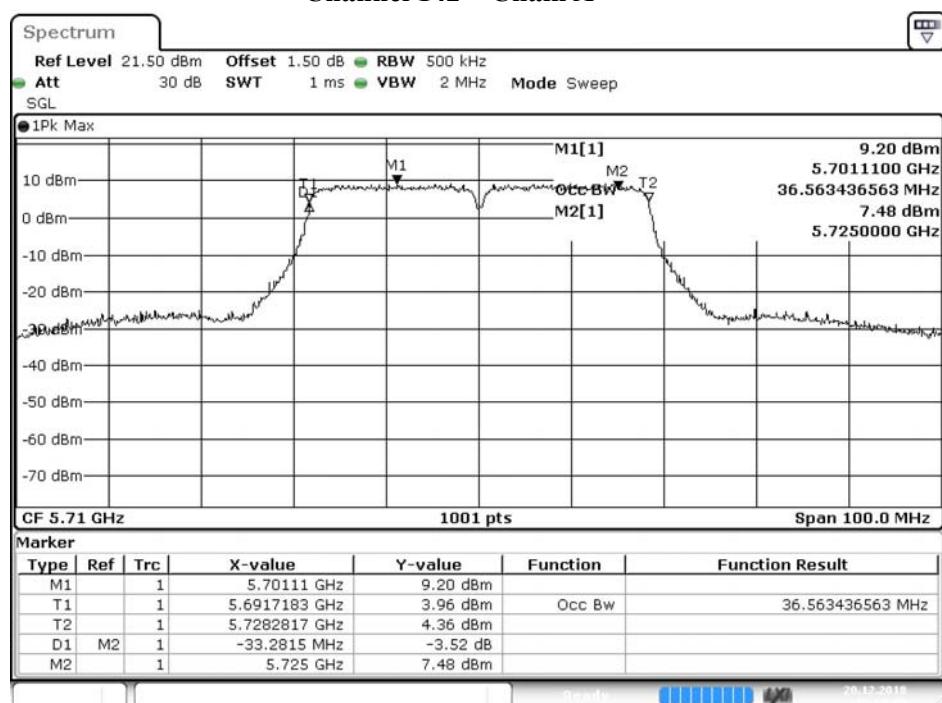
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	(dBm) + 10log(BW)	
142(U-NII-2C)	5710	33.232	17.29	17.51	20.41	24	26.22	Pass
142(U-NII-3)	5710	--	7.37	7.52	10.46	30	--	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

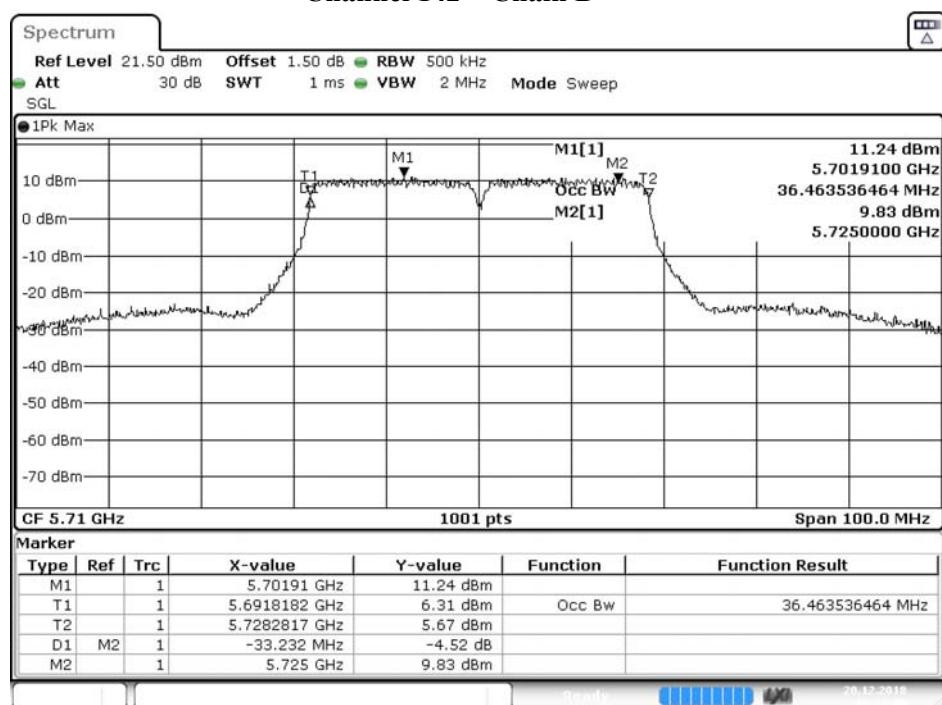
Channel 142 – Chain A



Date: 20.DEC.2018 15:57:05

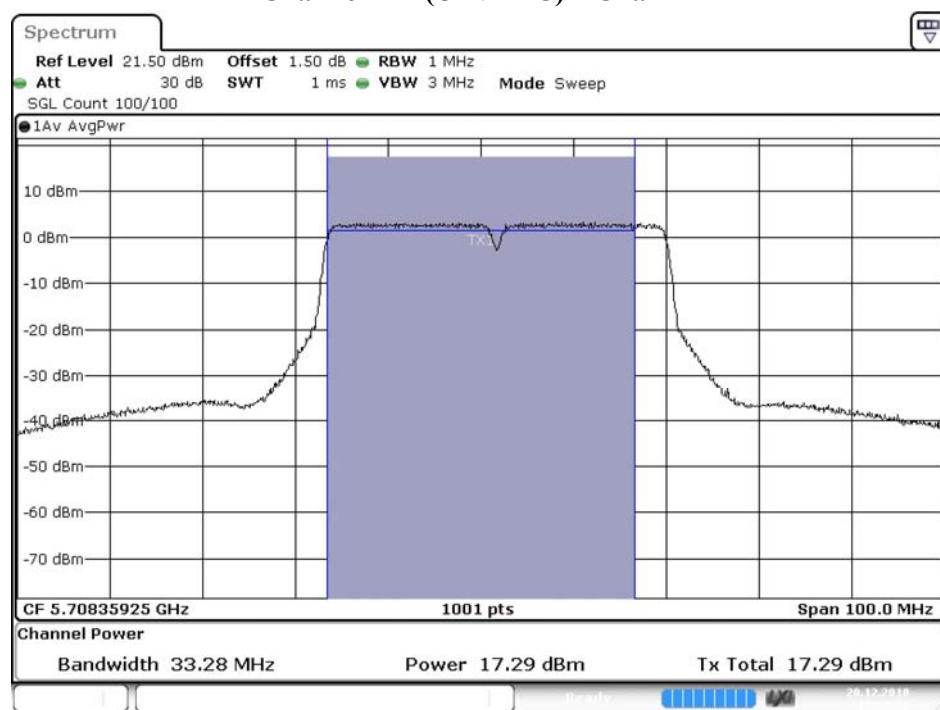
99% Occupied Bandwidth:

Channel 142 – Chain B

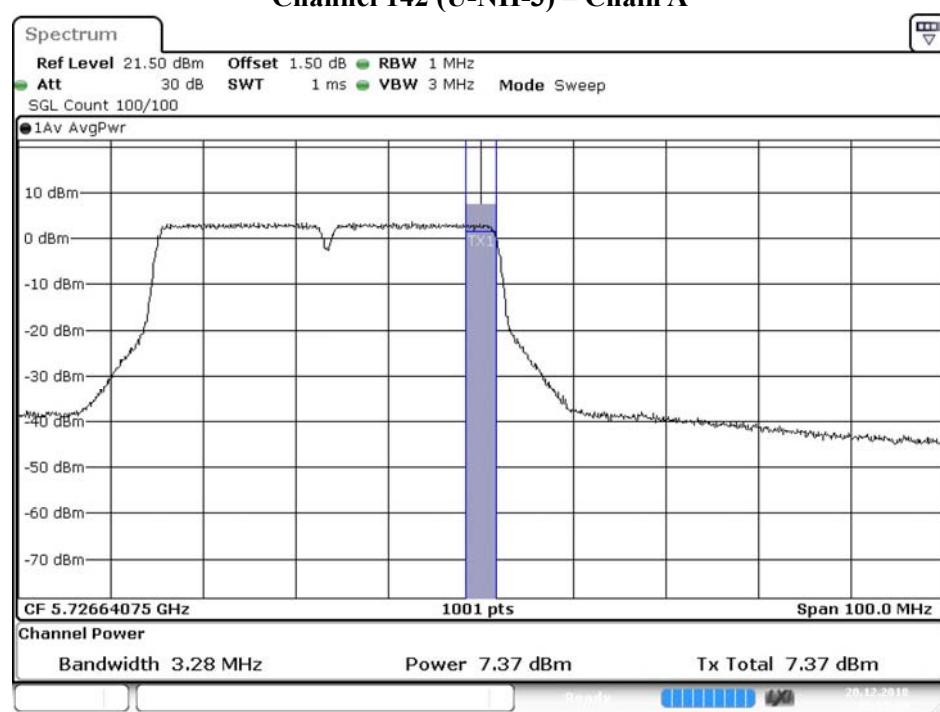


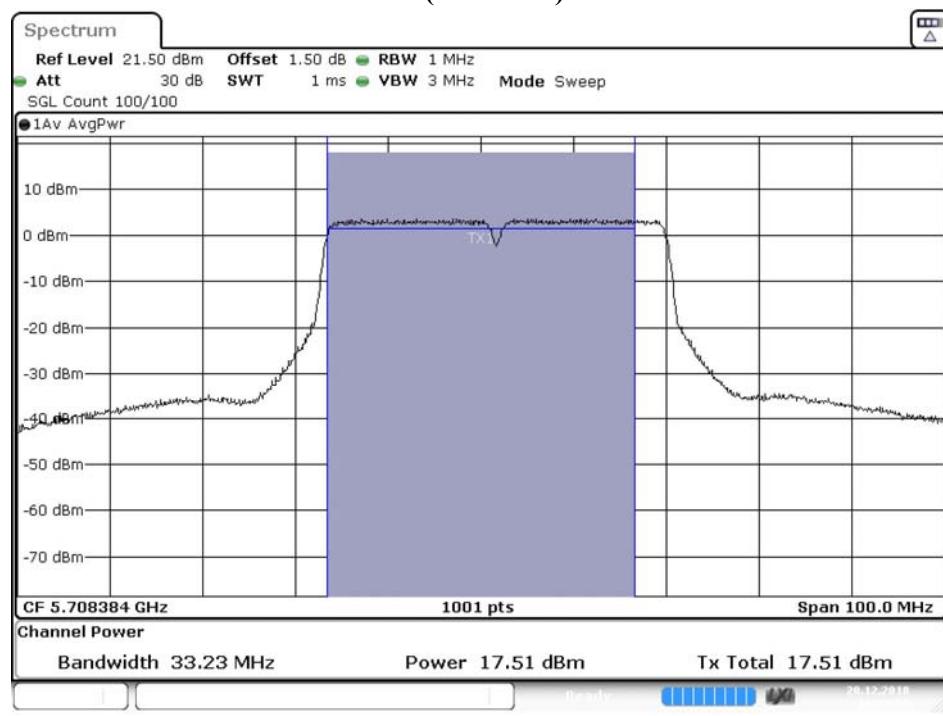
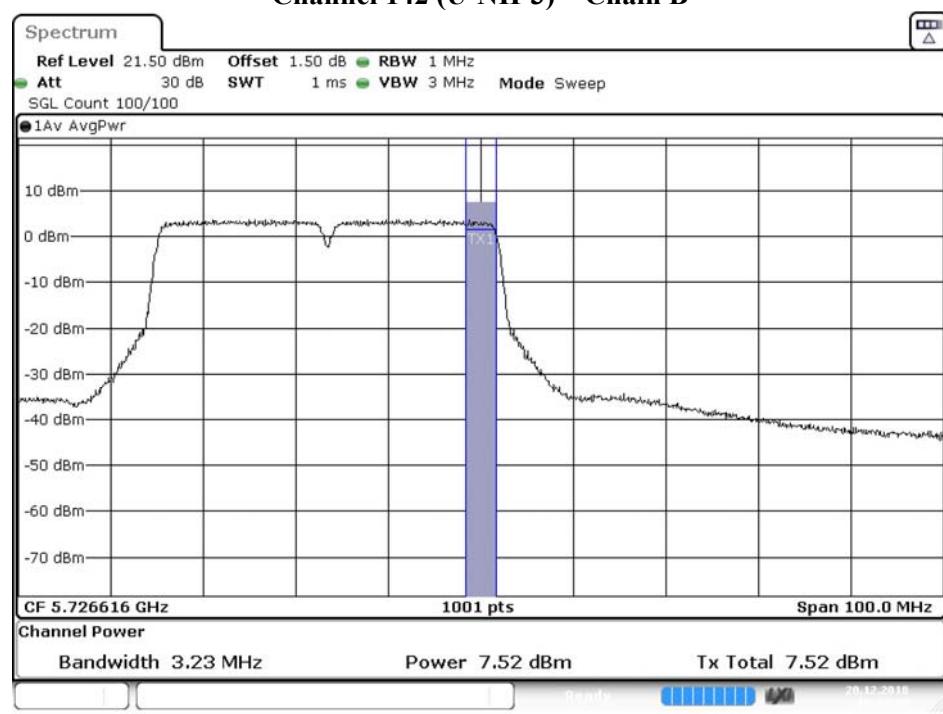
Date: 20.DEC.2018 16:03:00

**Maximum conducted output power:
Channel 142 (U-NII-2C) – Chain A**



**Maximum conducted output power:
Channel 142 (U-NII-3) – Chain A**



Maximum conducted output power:**Channel 142 (U-NII-2C) – Chain B****Maximum conducted output power:****Channel 142 (U-NII-3) – Chain B**

Product : Intel® Wireless-AC 9560
 Test Item : Maximum conducted output power
 Test Date : 2018/12/20
 Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps)

Chain A

Cable loss=1.5dB		Average Power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9
42	5210	12.57	12.55	12.51	12.47	12.45	12.42	12.39	12.35	12.31	12.28
58	5290	11.52	11.49	11.45	11.42	11.39	11.34	11.31	11.28	11.25	11.22
106	5530	14.18	--	--	--	--	--	--	--	--	<24dBm
122	5610	17.60	17.58	17.55	17.53	17.47	17.46	17.42	17.38	17.36	17.31
138(U-NII-2C)	5690	17.68	--	--	--	--	--	--	--	--	<24dBm
138(U-NII-3)	5690	-0.77	--	--	--	--	--	--	--	--	<30dBm
155	5775	16.71	16.69	16.66	16.62	16.58	16.55	16.52	16.48	16.44	16.42

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Average Power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9
42	5210	12.59	12.56	12.53	12.47	12.44	12.42	12.38	12.36	12.31	12.29
58	5290	11.63	11.61	11.59	11.56	11.53	11.48	11.45	11.42	11.38	11.34
106	5530	13.99	--	--	--	--	--	--	--	--	<24dBm
122	5610	17.66	17.64	17.61	17.57	17.55	17.52	17.48	17.44	17.41	17.37
138(U-NII-2C)	5690	17.54	--	--	--	--	--	--	--	--	<24dBm
138(U-NII-3)	5690	-0.66	--	--	--	--	--	--	--	--	<30dBm
155	5775	16.70	16.69	16.66	16.63	16.58	16.56	16.52	16.49	16.46	16.41

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

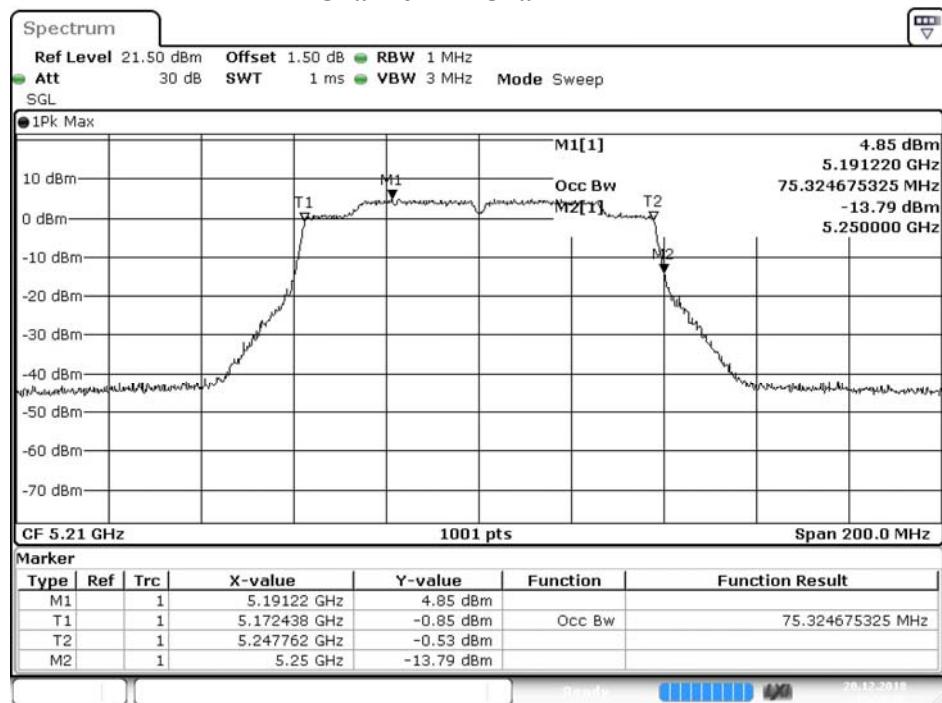
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	(dBm)+10log(BW)	
42	5210	--	12.57	12.59	15.59	24	--	Pass
58	5290	74.925	11.52	11.63	14.59	24	29.75	Pass
106	5530	74.925	14.18	13.99	17.10	24	29.75	Pass
122	5610	75.124	17.60	17.66	20.64	24	29.76	Pass
138(U-NII-2C)	5690	72.462	17.68	17.54	20.62	24	29.60	Pass
138(U-NII-3)	5690	--	-0.77	-0.66	2.30	30	--	Pass
155	5775	--	16.71	16.70	19.72	30	--	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

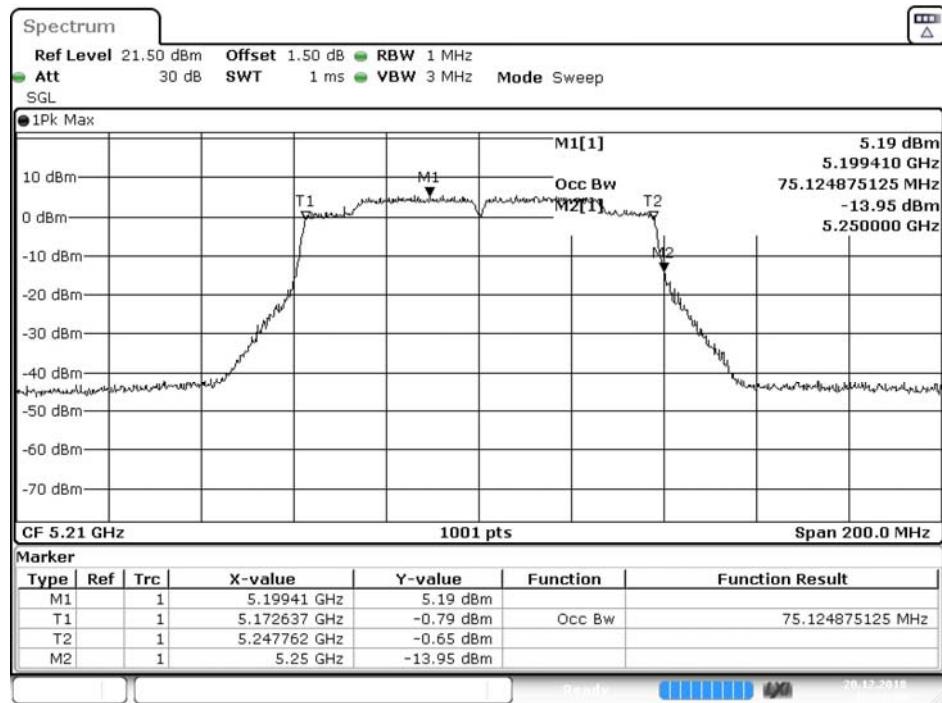
99% Occupied Bandwidth:

Channel 42– Chain A



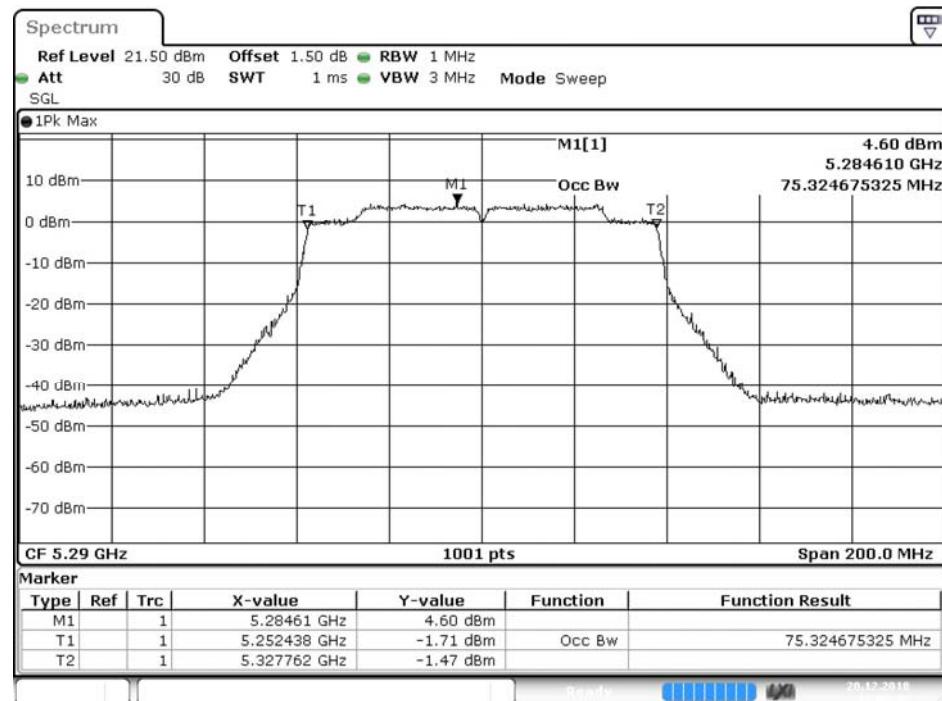
Date: 20.DEC.2018 15:59:03

Channel 42– Chain B

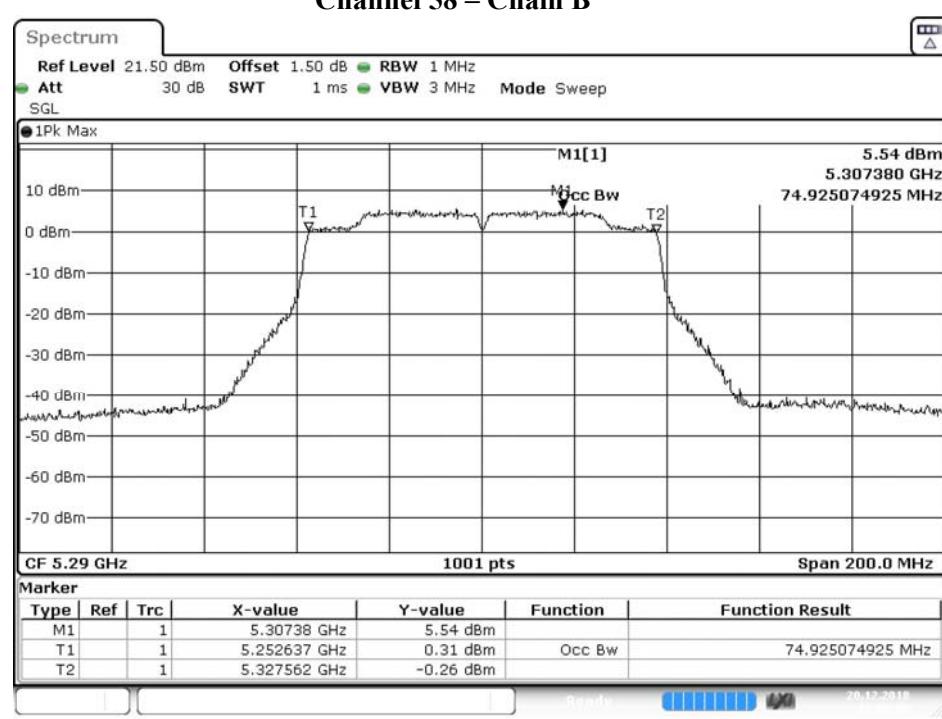


Date: 20.DEC.2018 16:04:58

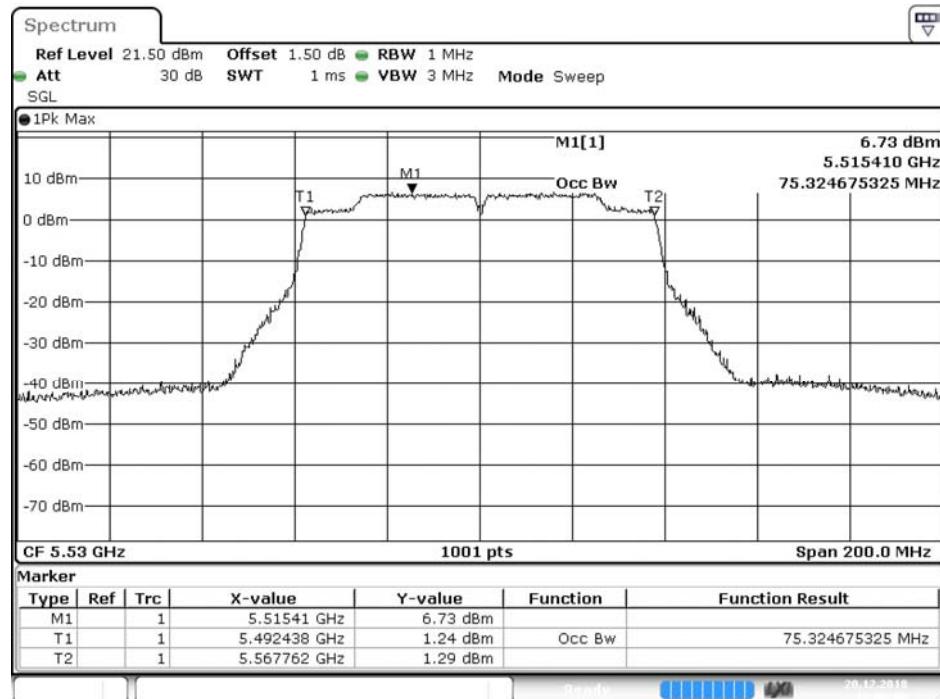
Channel 58 – Chain A



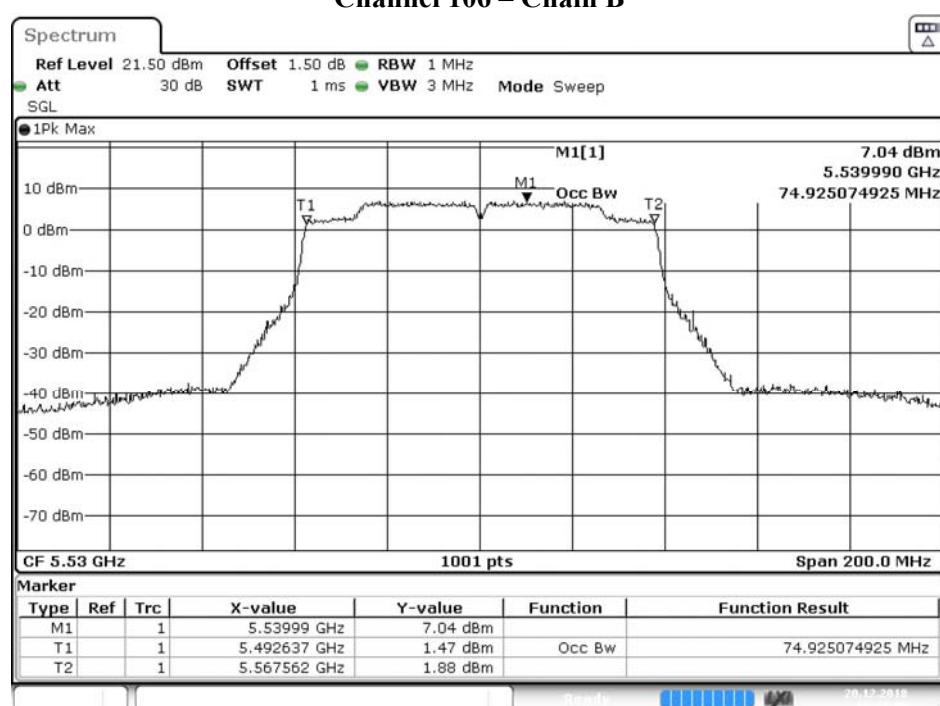
Channel 58 – Chain B



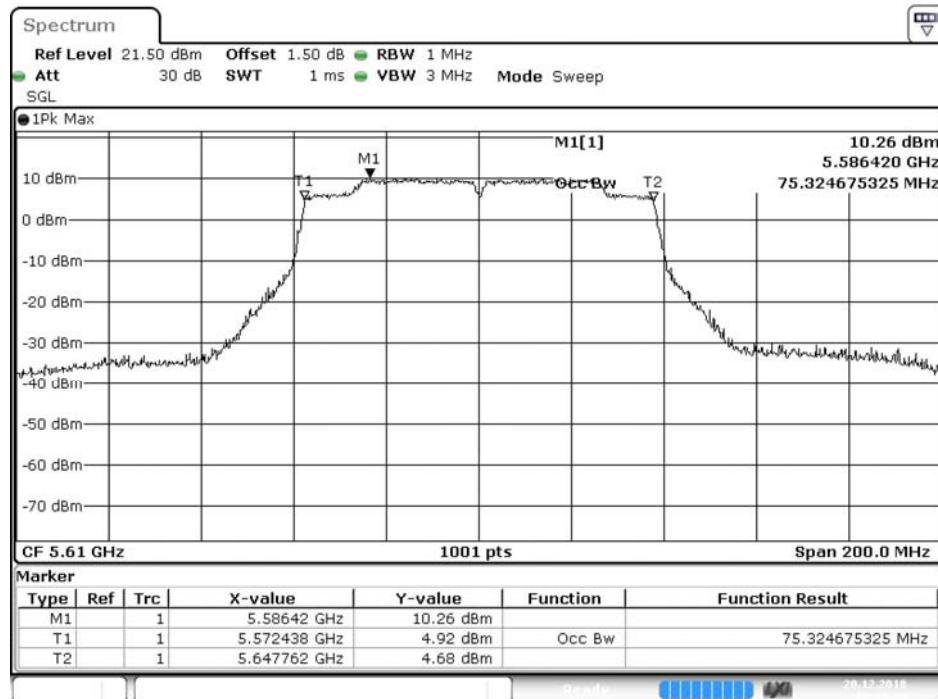
Channel 106 – Chain A



Channel 106 – Chain B

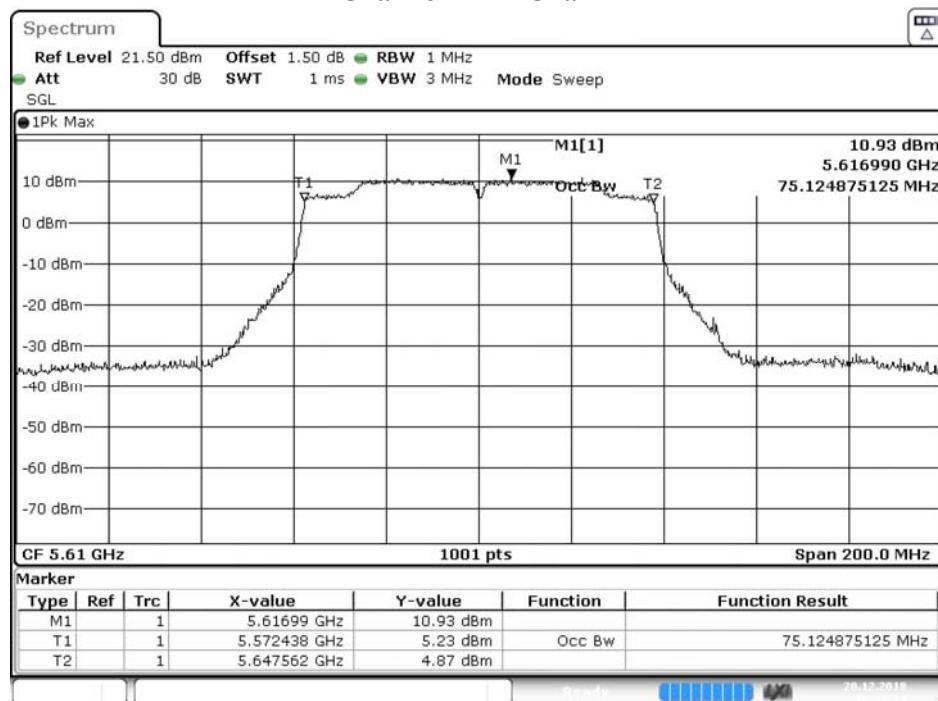


Channel 122 – Chain A



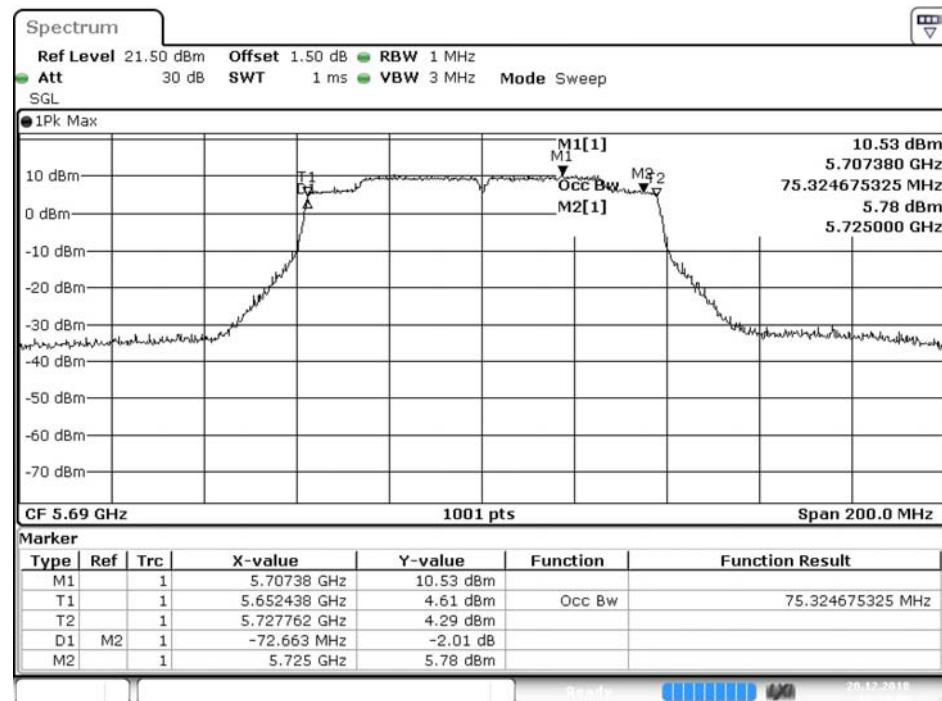
Date: 20.DEC.2018 16:08:20

Channel 122 – Chain B

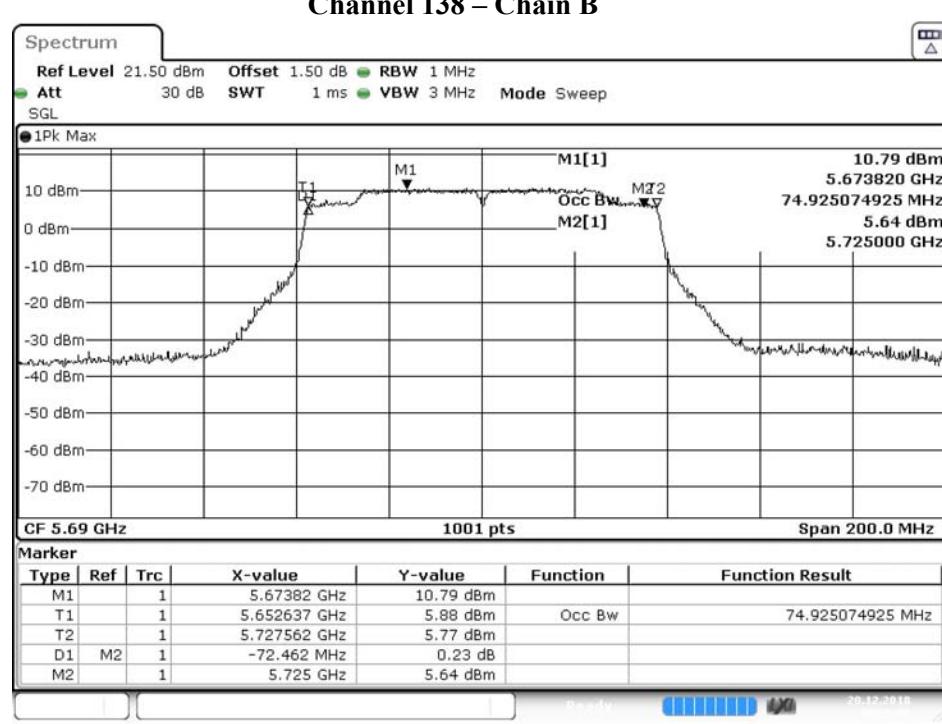


Date: 20.DEC.2018 16:14:15

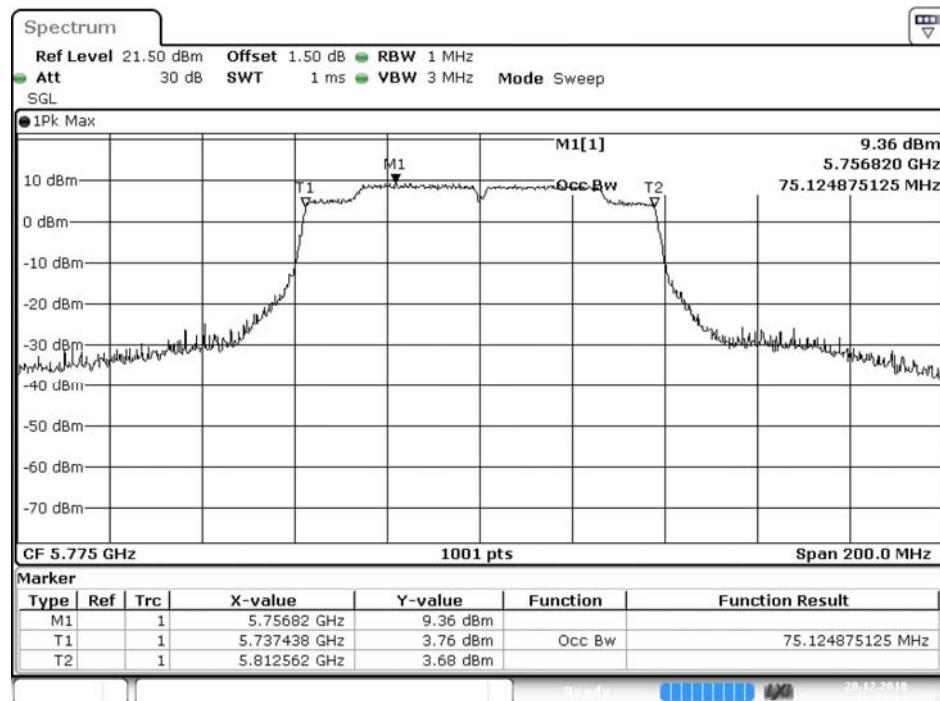
Channel 138 – Chain A



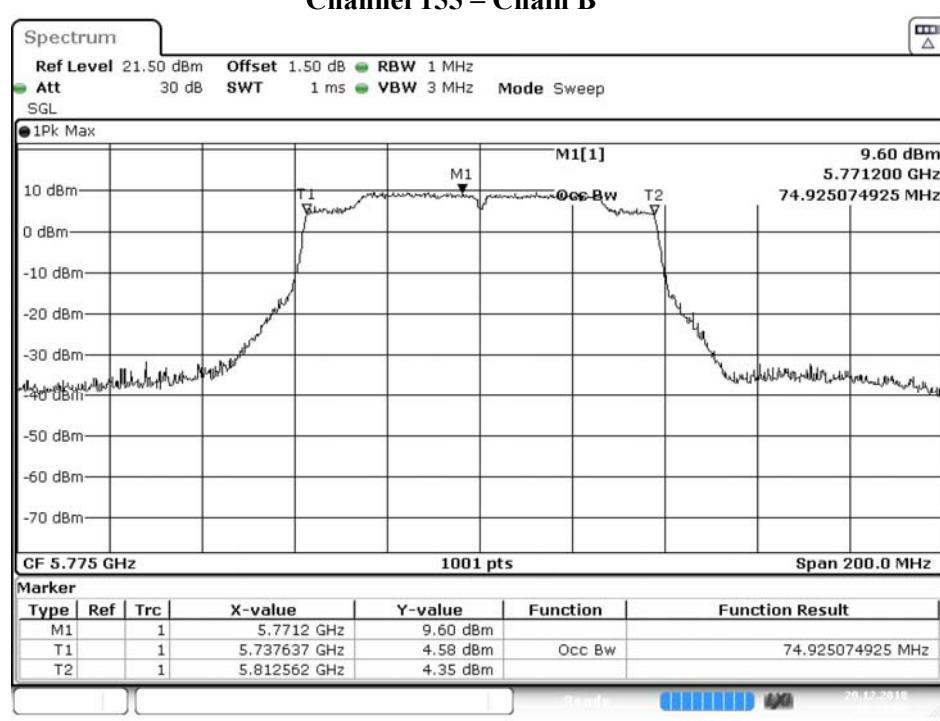
Channel 138 – Chain B

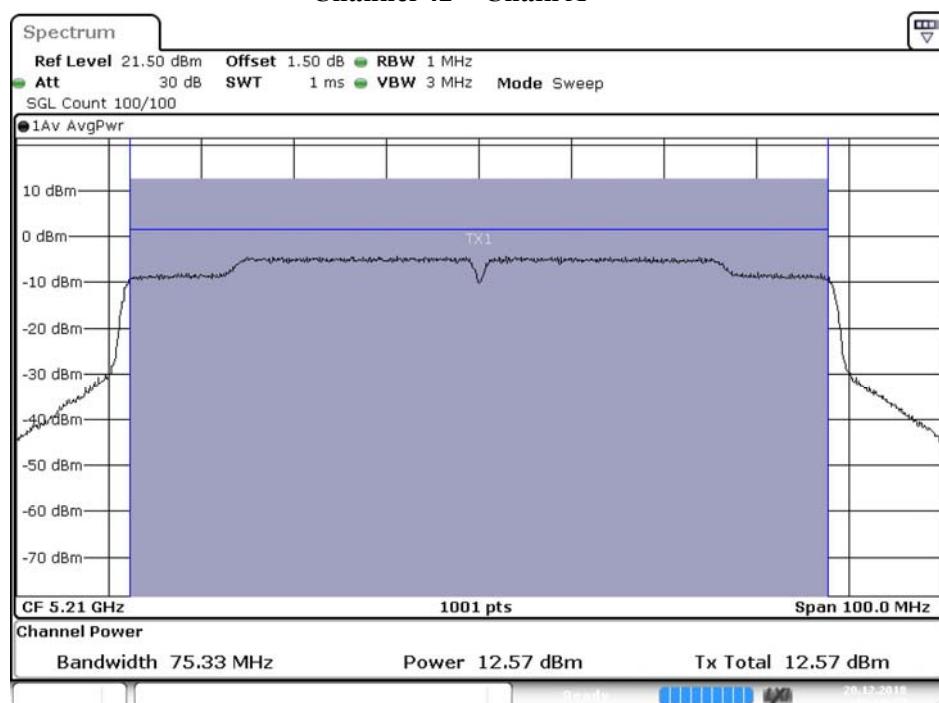
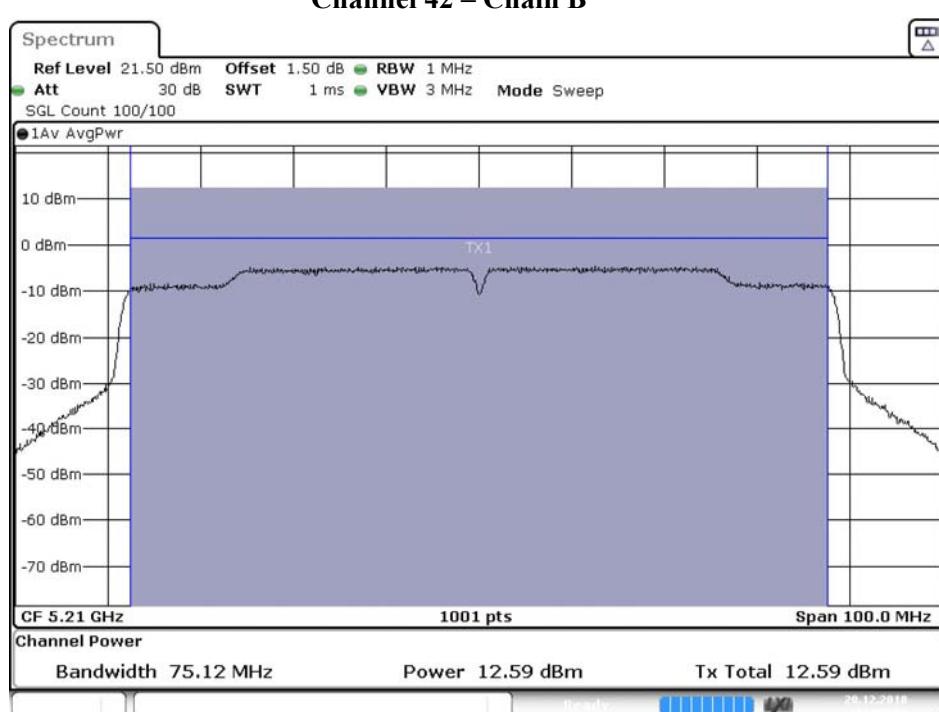


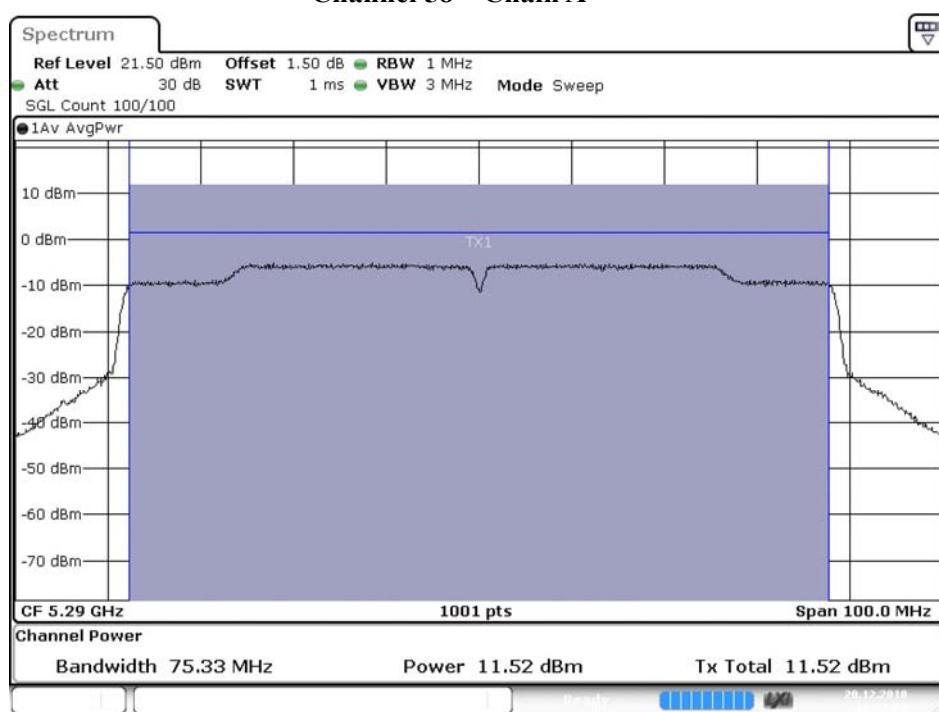
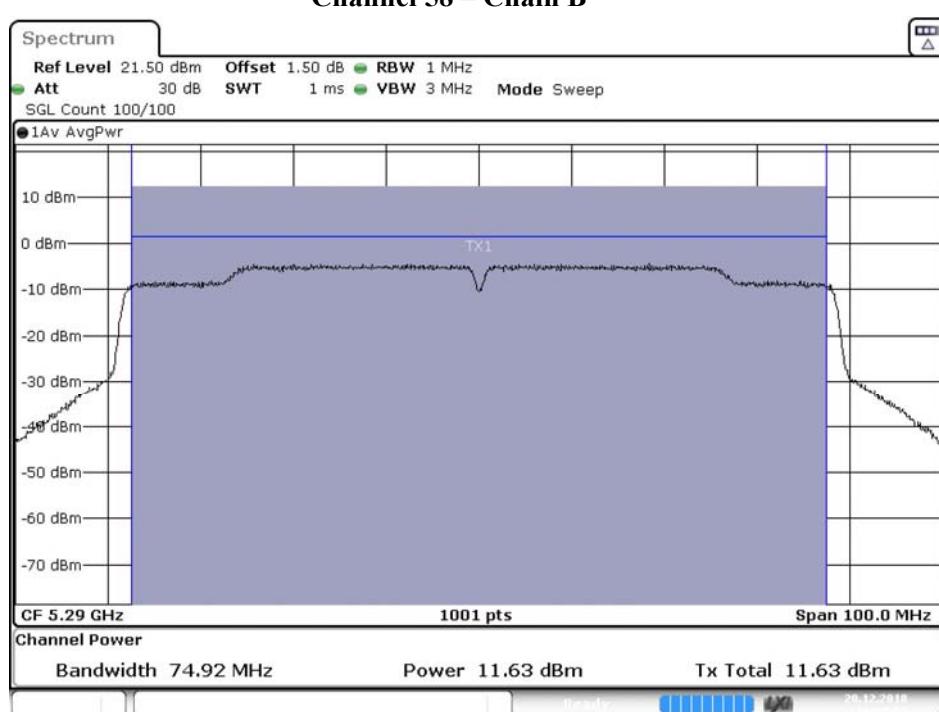
Channel 155 – Chain A

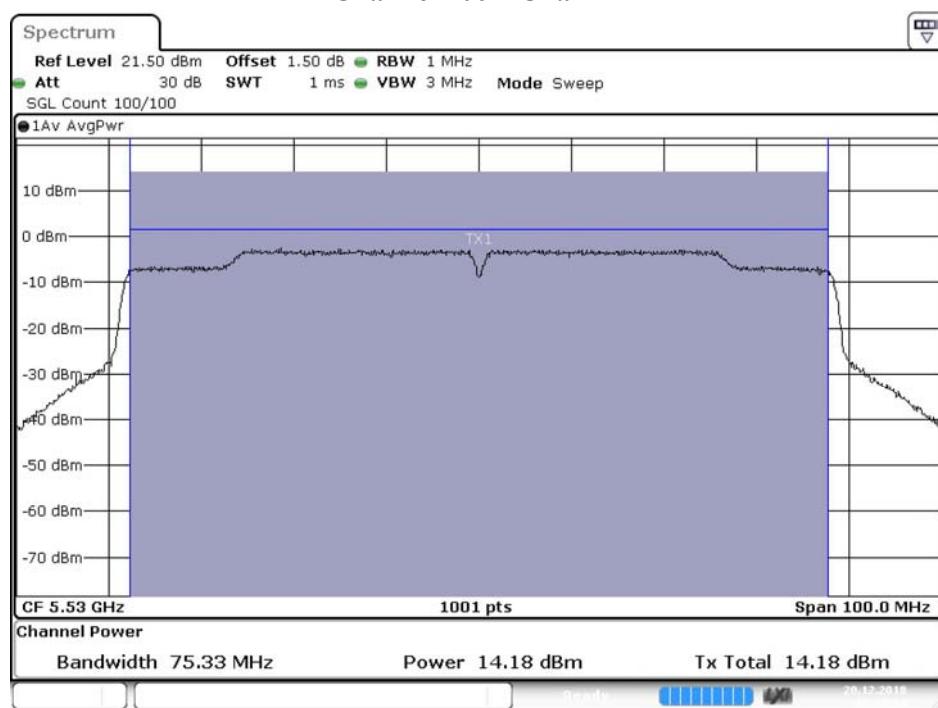
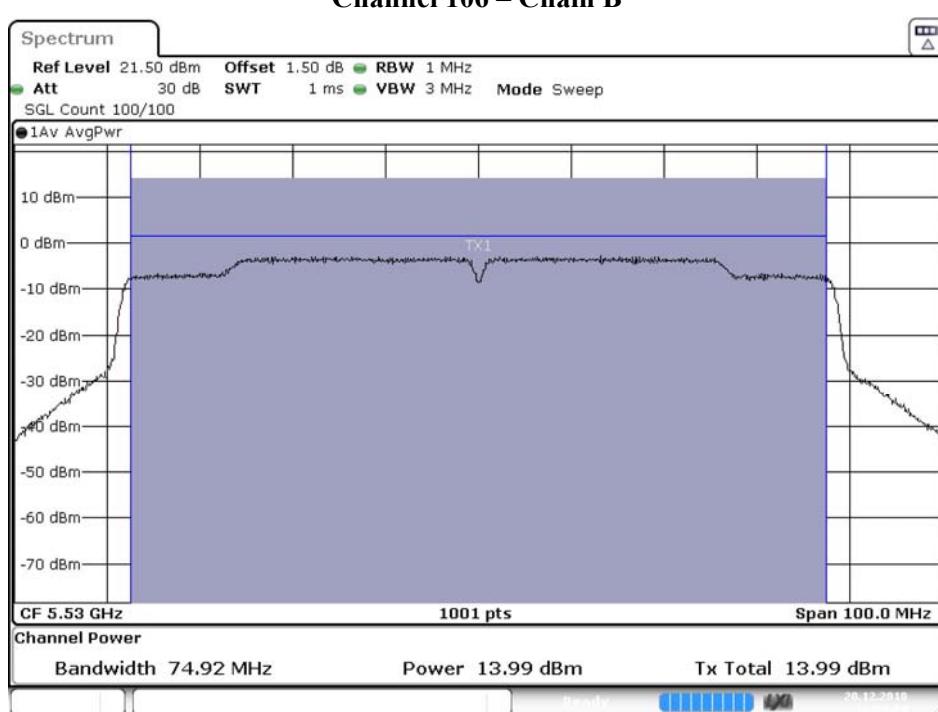


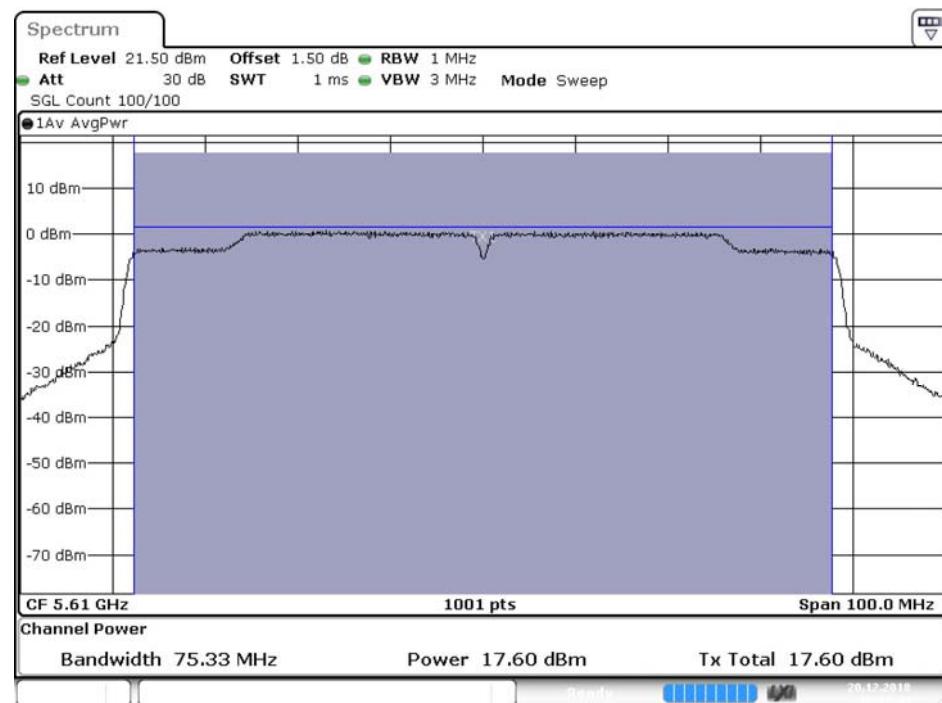
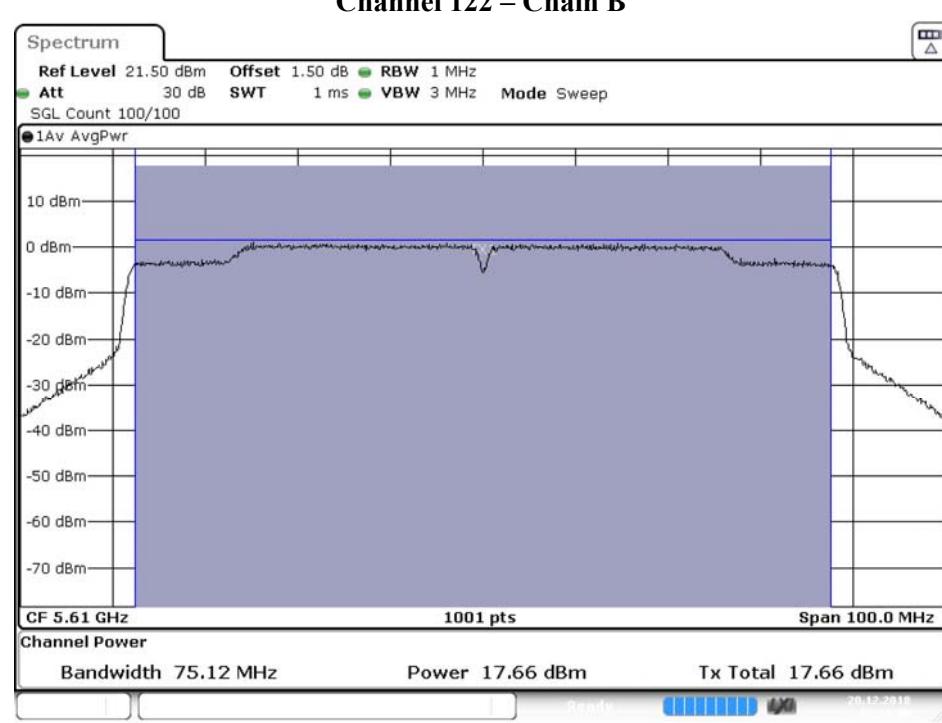
Channel 155 – Chain B

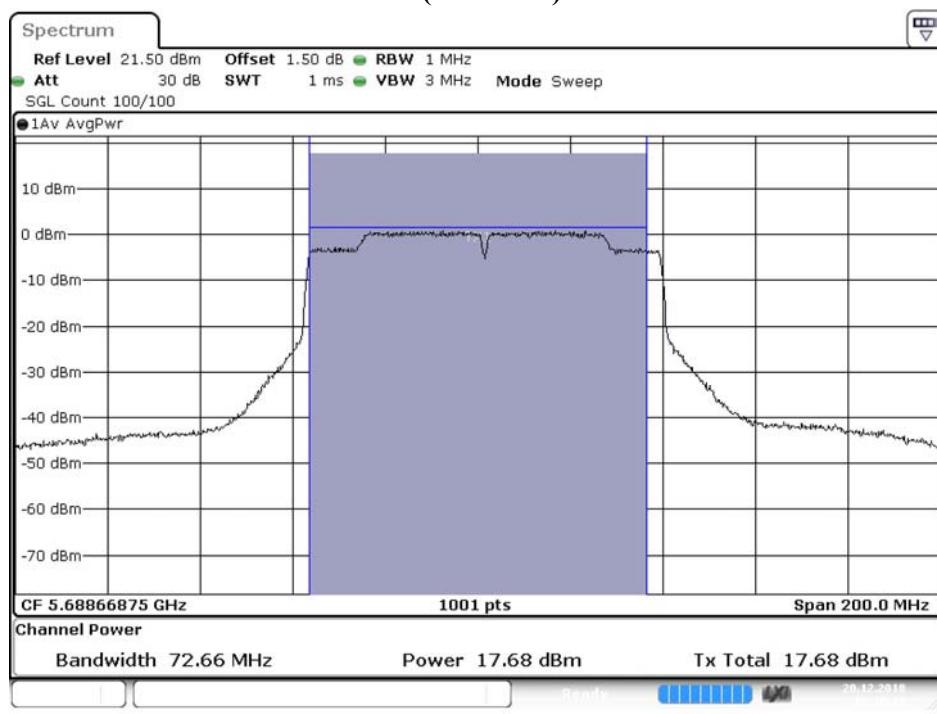
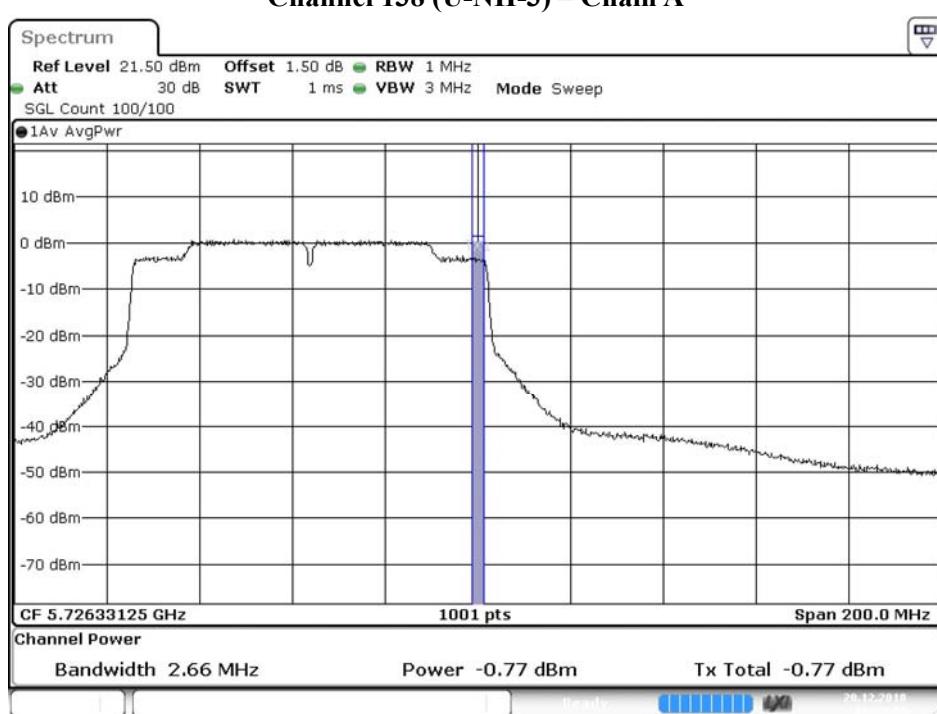


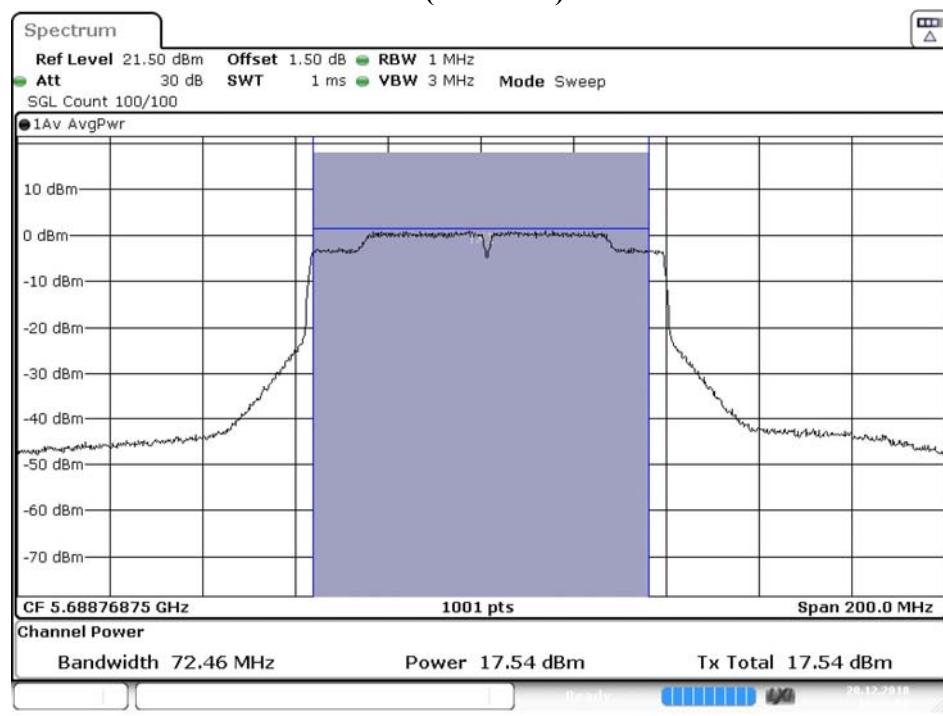
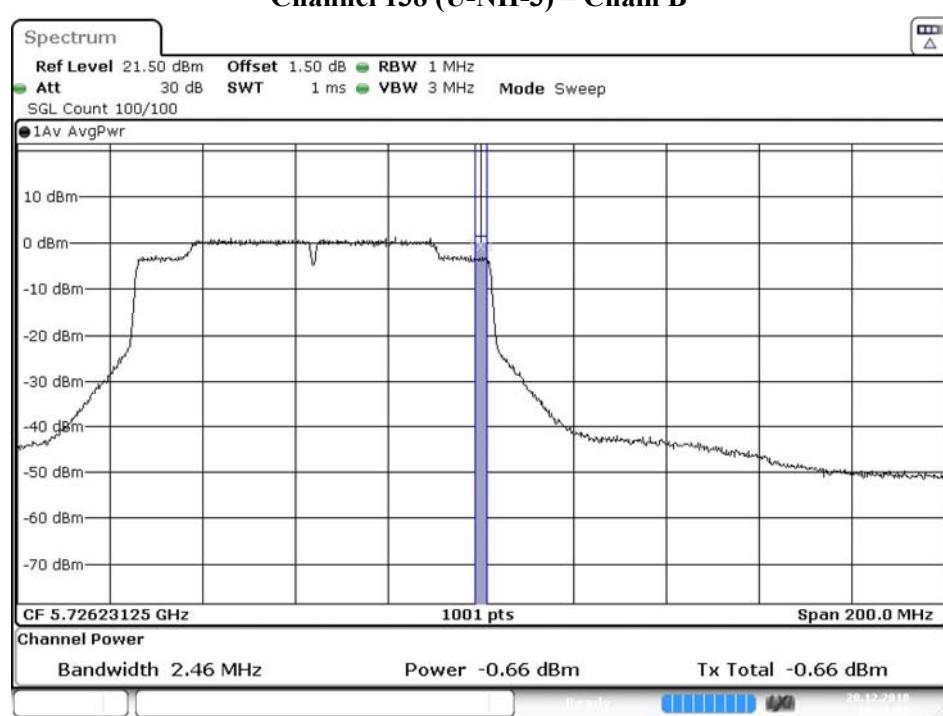
Maximum conducted output power:
Channel 42 – Chain A

Maximum conducted output power:
Channel 42 – Chain B


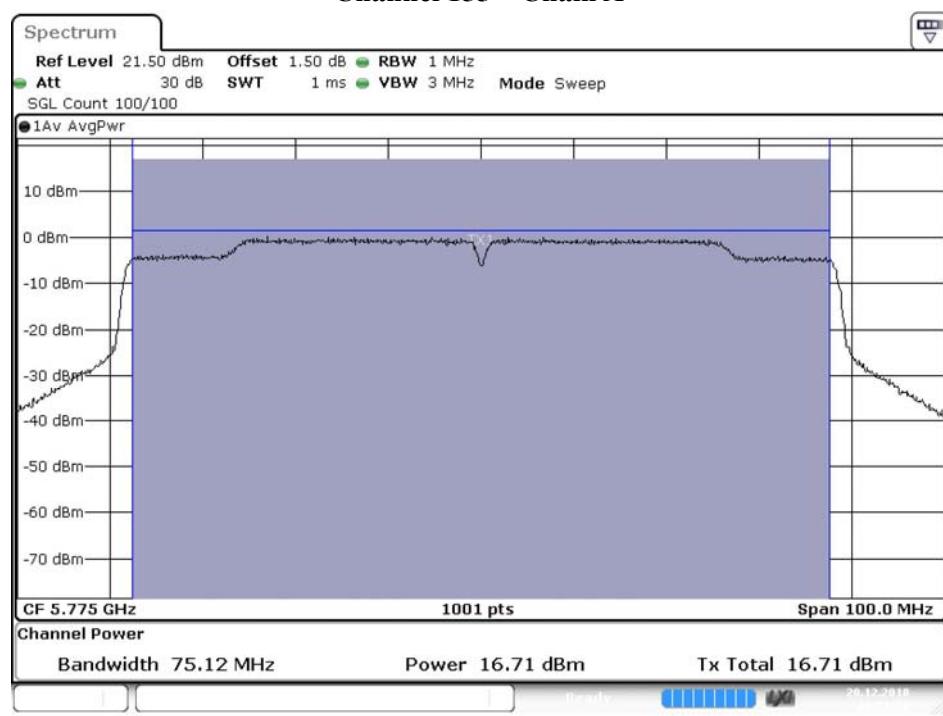
Maximum conducted output power:**Channel 58 – Chain A****Maximum conducted output power:****Channel 58 – Chain B**

Maximum conducted output power:**Channel 106 – Chain A****Maximum conducted output power:****Channel 106 – Chain B**

Maximum conducted output power:**Channel 122 – Chain A****Maximum conducted output power:****Channel 122 – Chain B**

Maximum conducted output power:**Channel 138 (U-NII-2C) – Chain A****Maximum conducted output power:****Channel 138 (U-NII-3) – Chain A**

Maximum conducted output power:**Channel 138 (U-NII-2C) – Chain B****Maximum conducted output power:****Channel 138 (U-NII-3) – Chain B**

Maximum conducted output power:**Channel 155 – Chain A****Maximum conducted output power:****Channel 155 – Chain B**