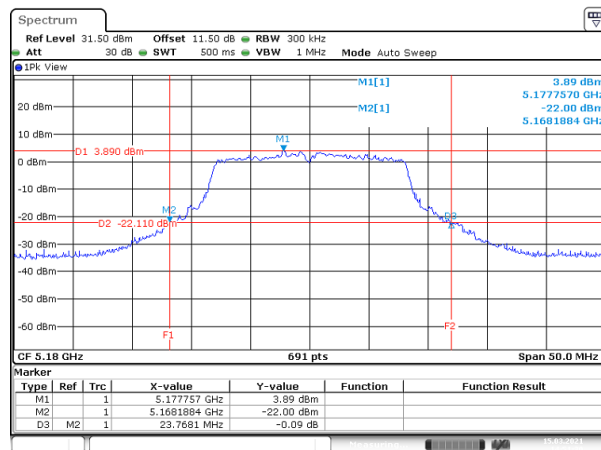
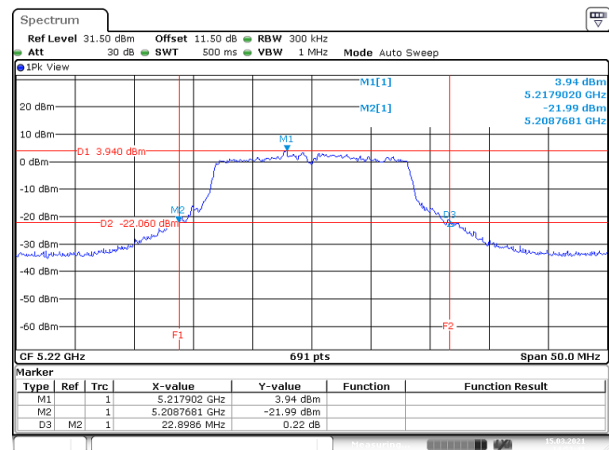
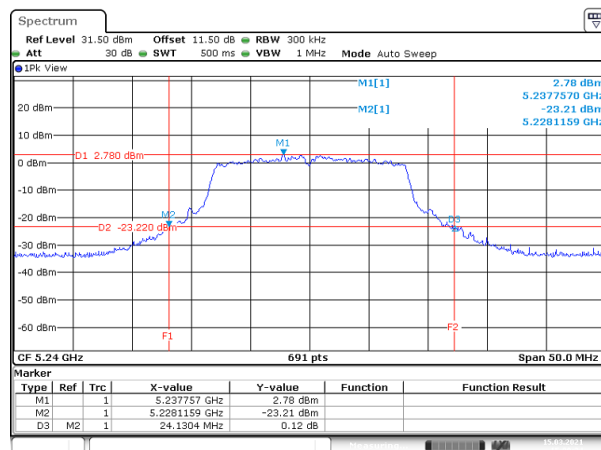


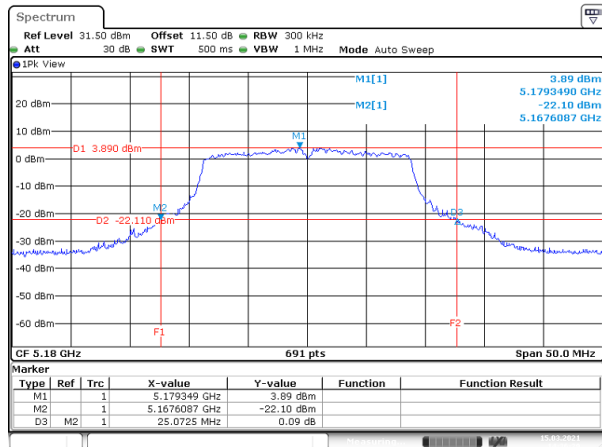
Report No.: T201102D09-RP4

Test Data (26dB BANDWIDTH)**Chain 0****UNII-1 IEEE 802.11a mode****Low CH****Mid CH****High CH**

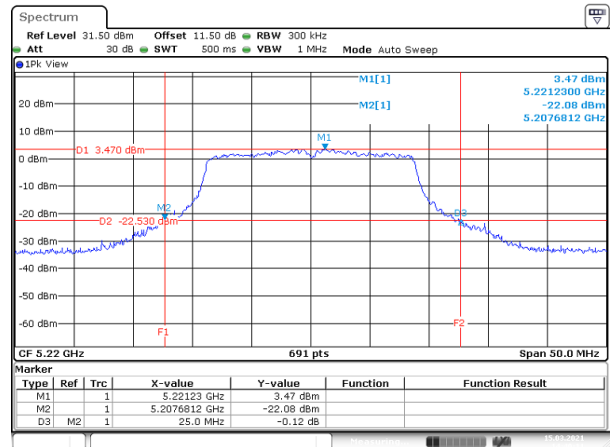
Chain 0

UNII-1 IEEE 802.11n HT20 mode

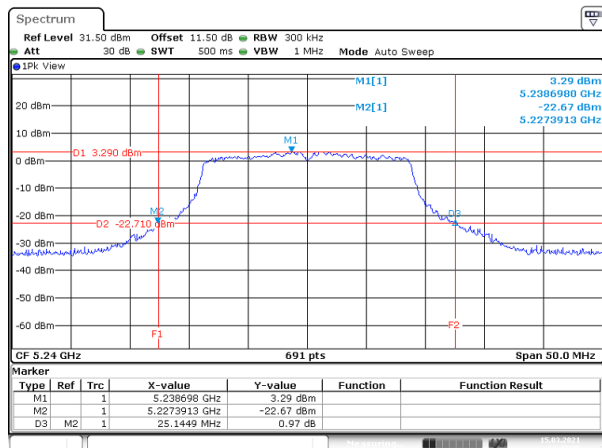
Low CH



Mid CH



High CH

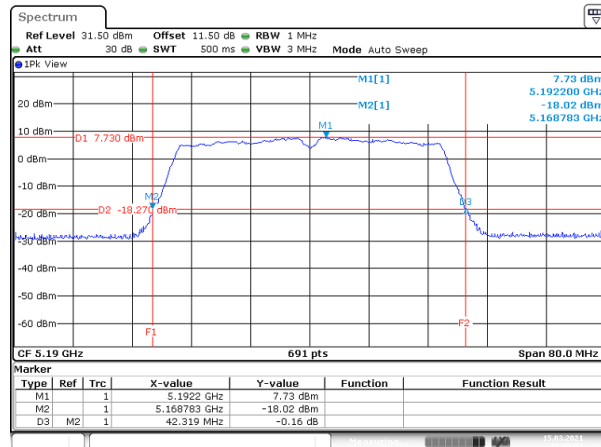


Report No.: T201102D09-RP4

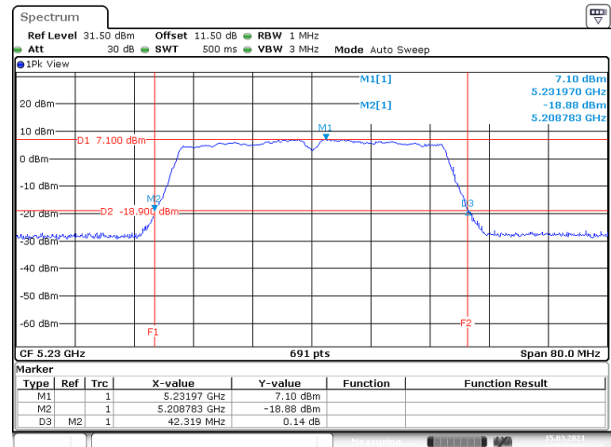
Chain 0

UNII-1 IEEE 802.11n HT40 mode

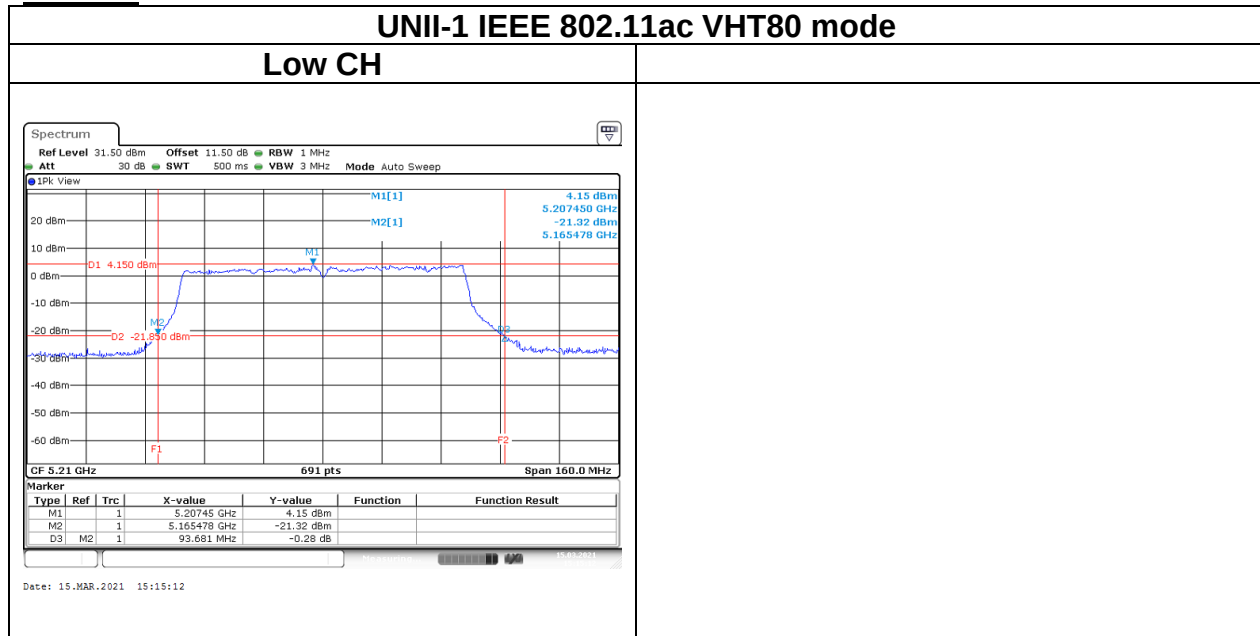
Low CH



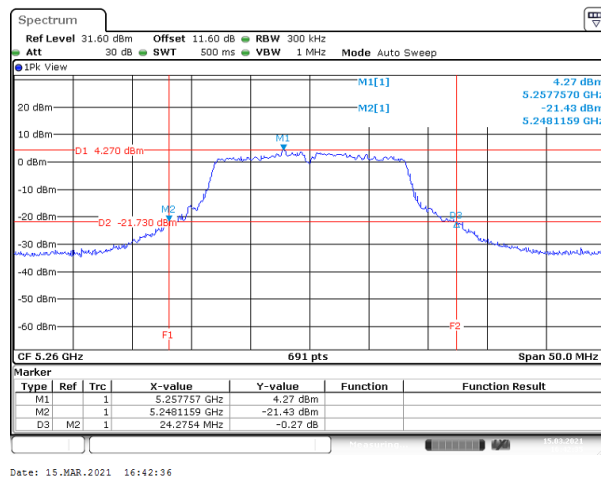
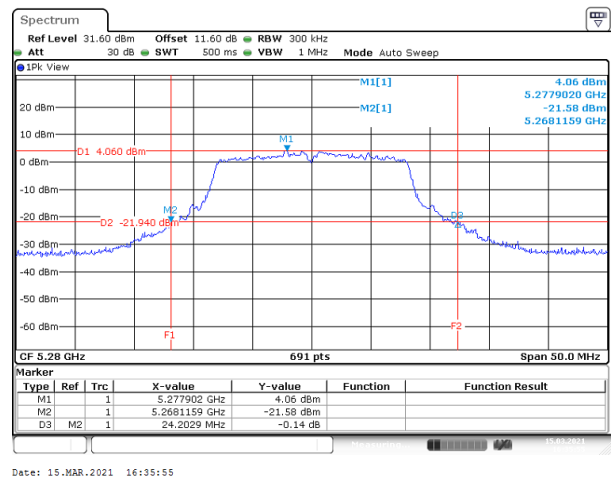
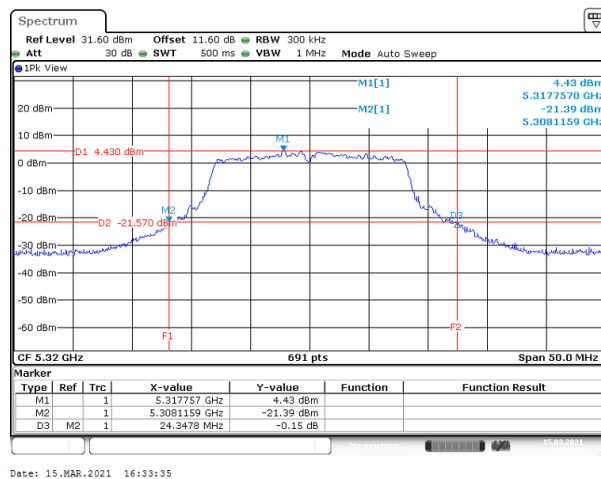
High CH



Chain 0



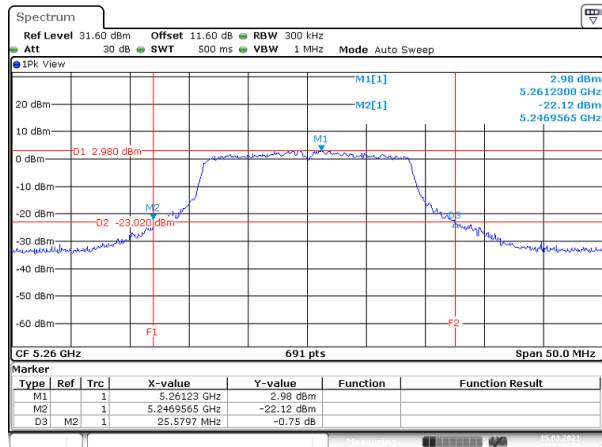
Report No.: T201102D09-RP4

Test Data (26dB BANDWIDTH)**Chain 0****UNII-2a IEEE 802.11a mode****Low CH****Mid CH****High CH**

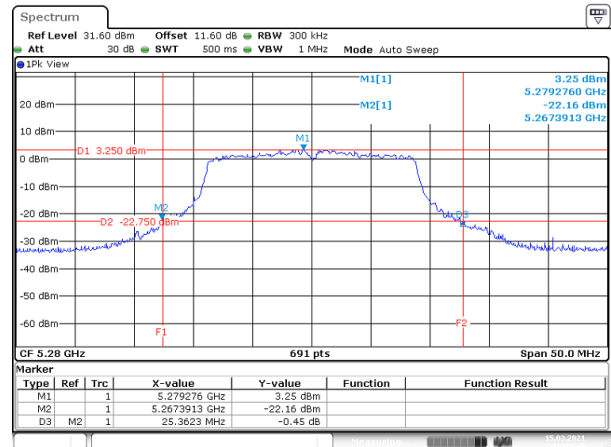
Chain 0

UNII-2a IEEE 802.11n HT20 mode

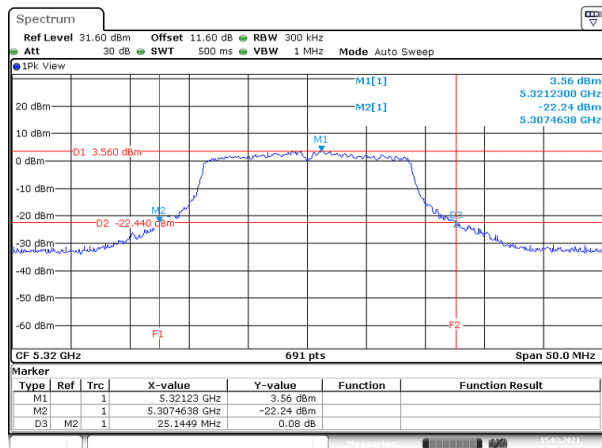
Low CH



Mid CH



High CH

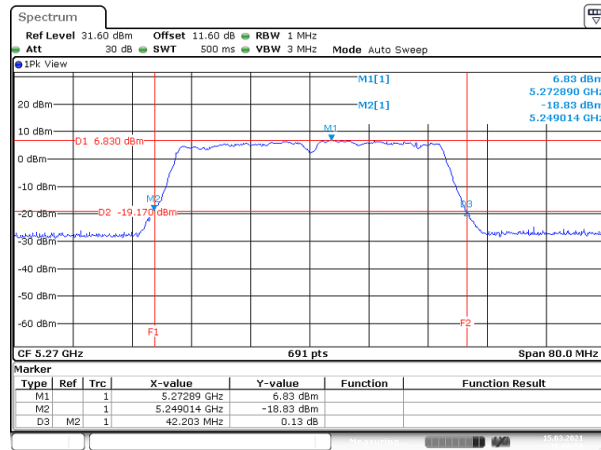


Report No.: T201102D09-RP4

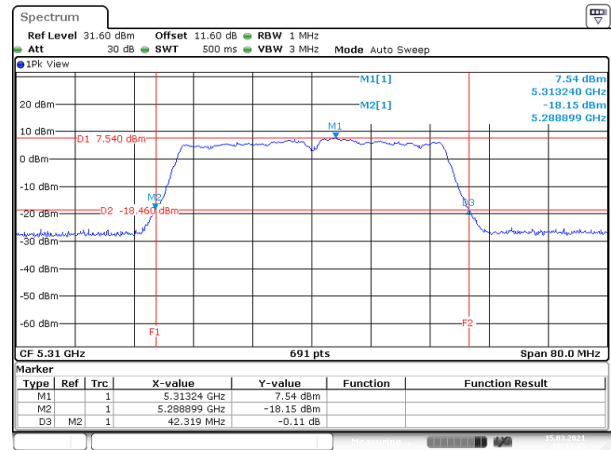
Chain 0

UNII-2a IEEE 802.11n HT40 mode

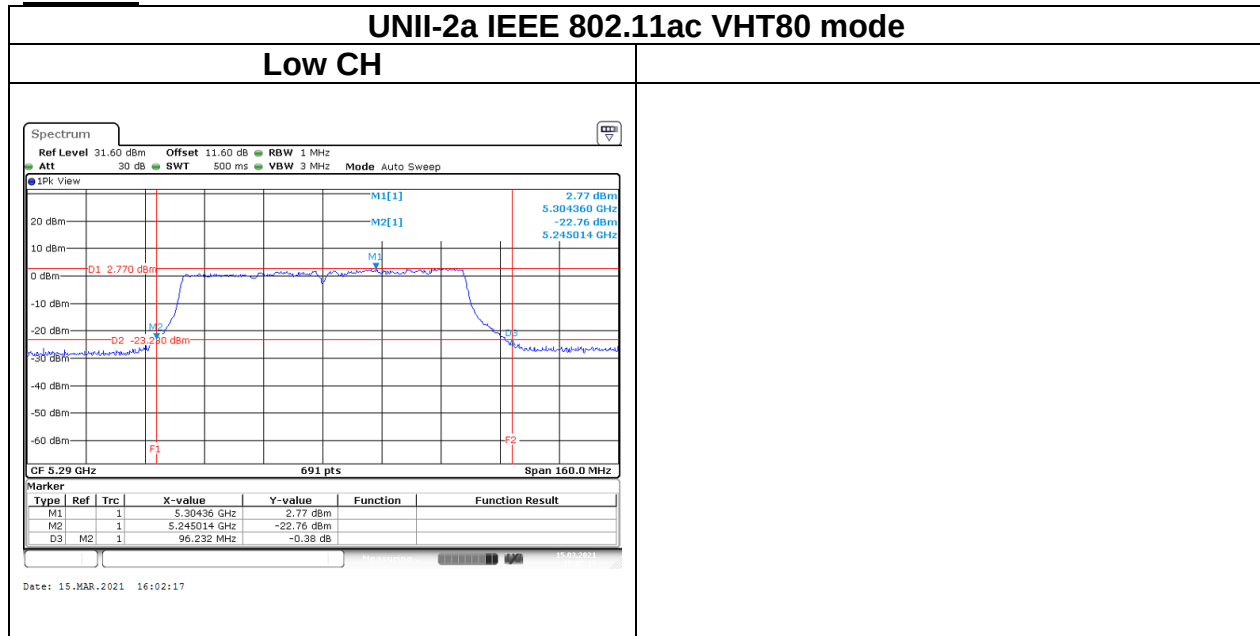
Low CH



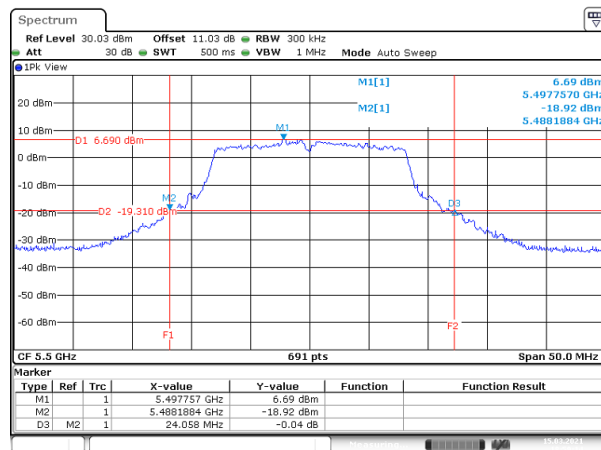
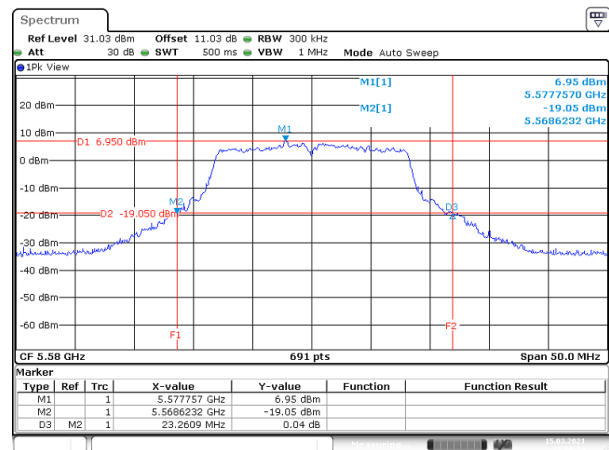
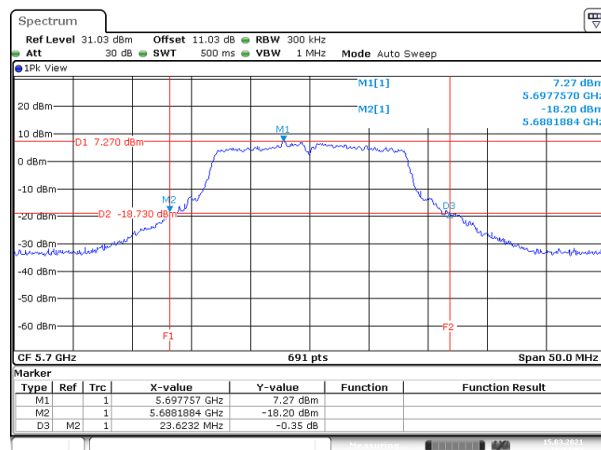
High CH



Chain 0



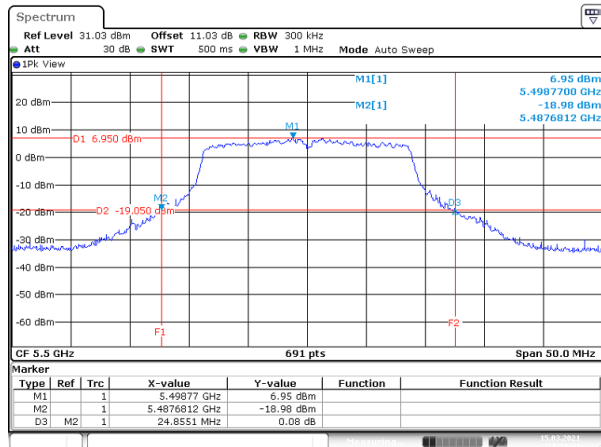
Report No.: T201102D09-RP4

Test Data (26dB BANDWIDTH)**Chain 0****UNII-2c IEEE 802.11a mode****Low CH****Mid CH****High CH**

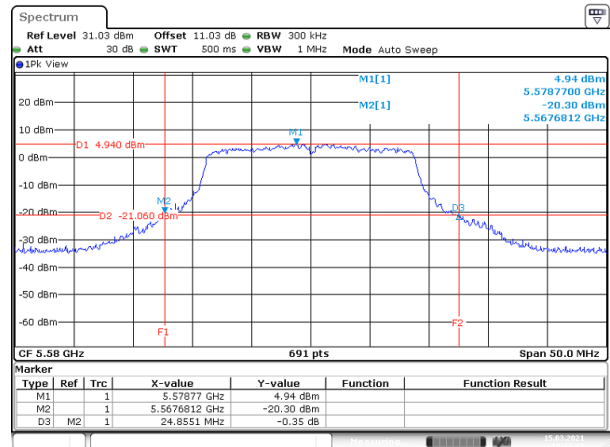
Chain 0

UNII-2c IEEE 802.11n HT20 mode

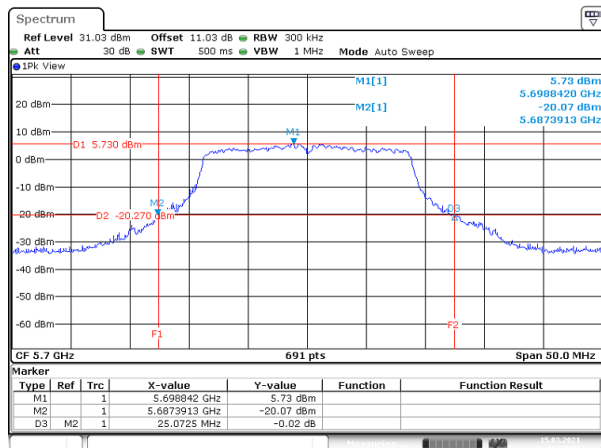
Low CH



Mid CH



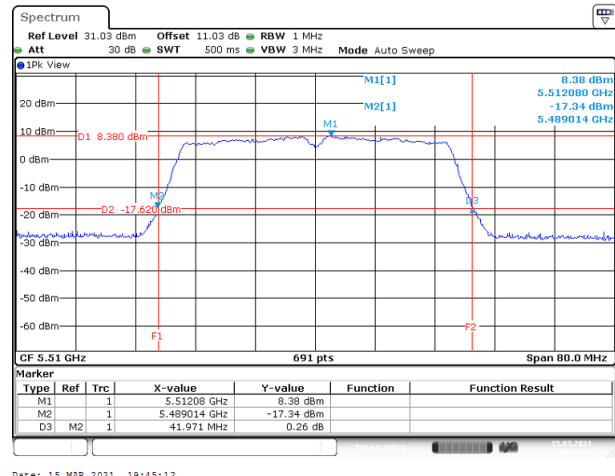
High CH



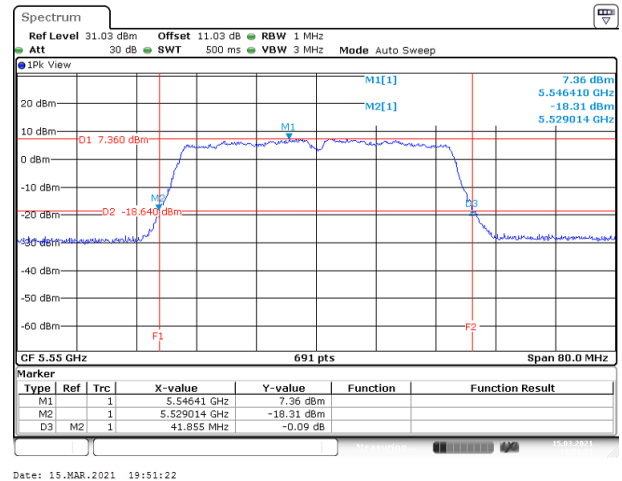
Chain 0

UNII-2c IEEE 802.11n HT40 mode

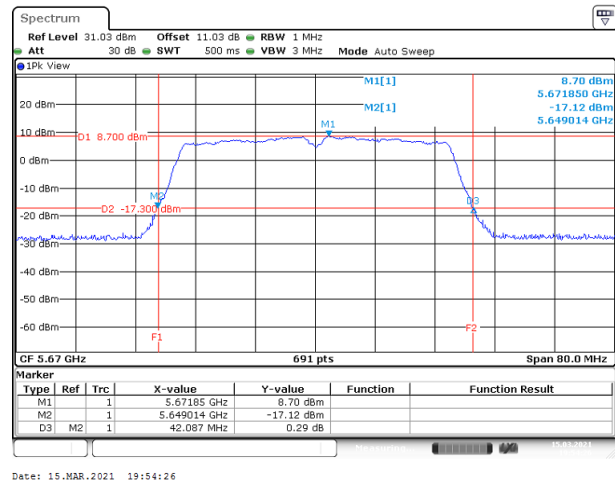
Low CH



Mid CH



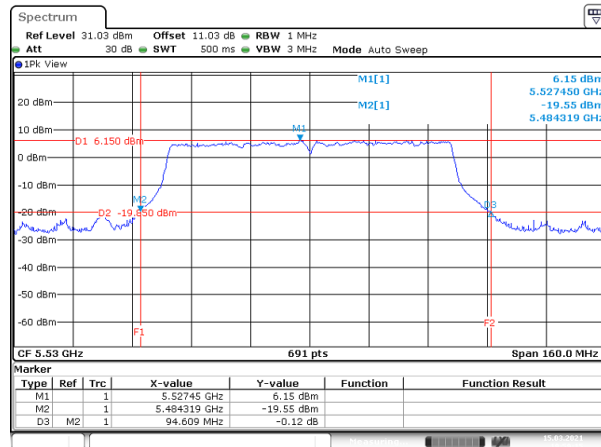
High CH



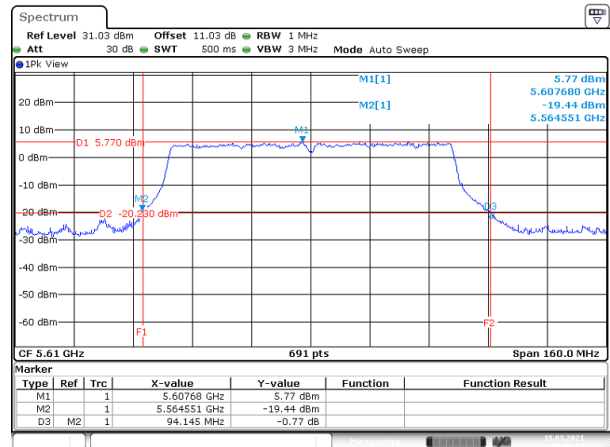
Chain 0

UNII-2c IEEE 802.11ac VHT80 mode

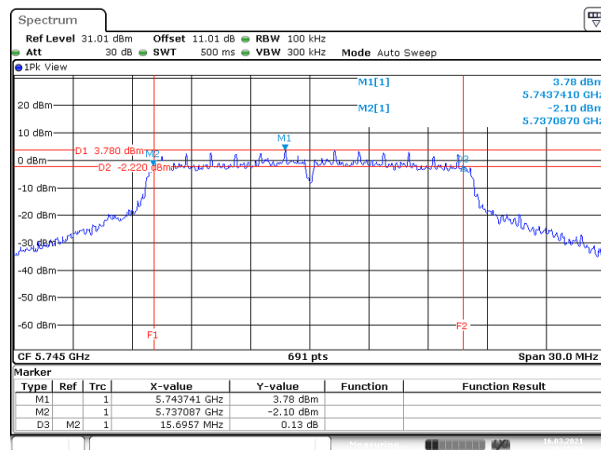
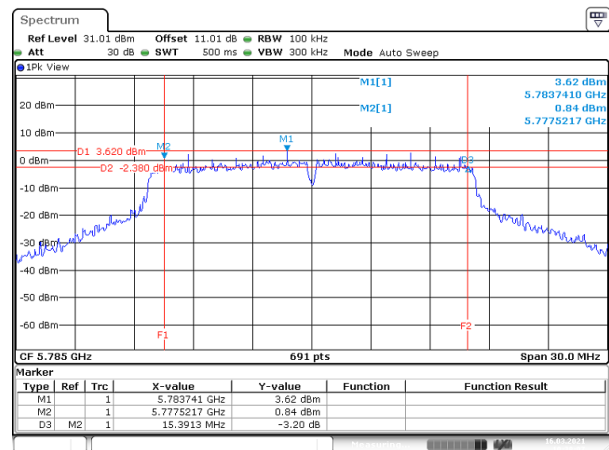
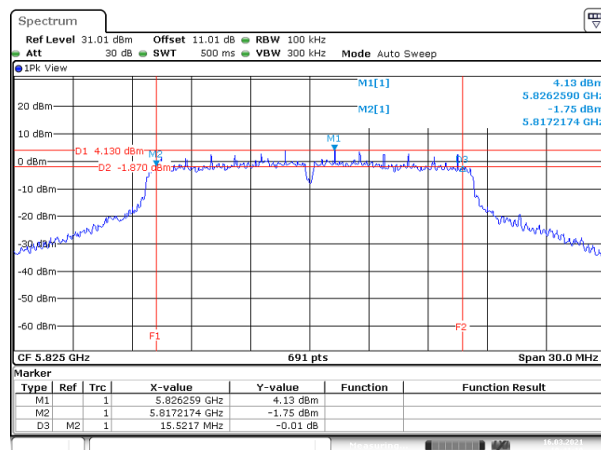
Low CH



High CH



Report No.: T201102D09-RP4

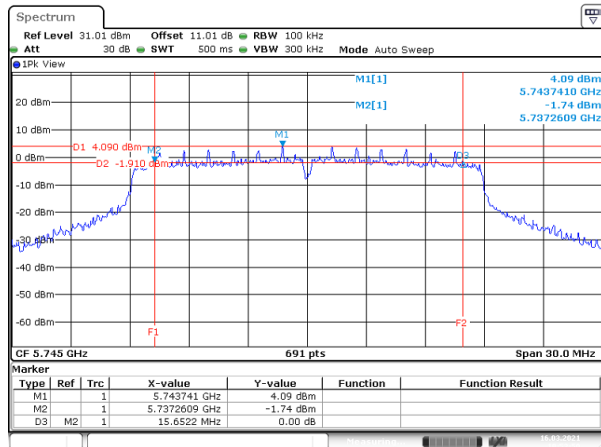
Test Data (26dB BANDWIDTH)**Chain 0****UNII-3 IEEE 802.11a mode****Low CH****Mid CH****High CH**

Report No.: T201102D09-RP4

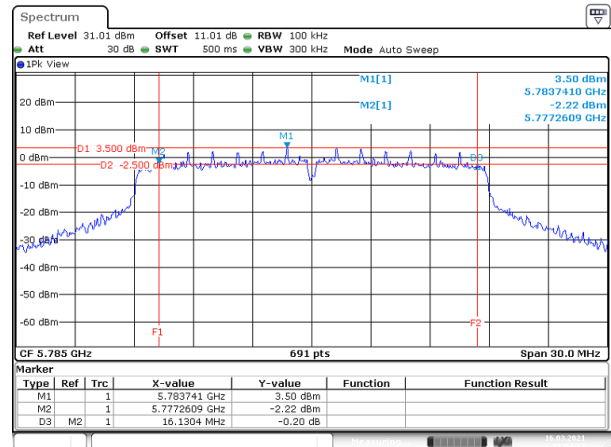
Chain 0

UNII-3 IEEE 802.11n HT20 mode

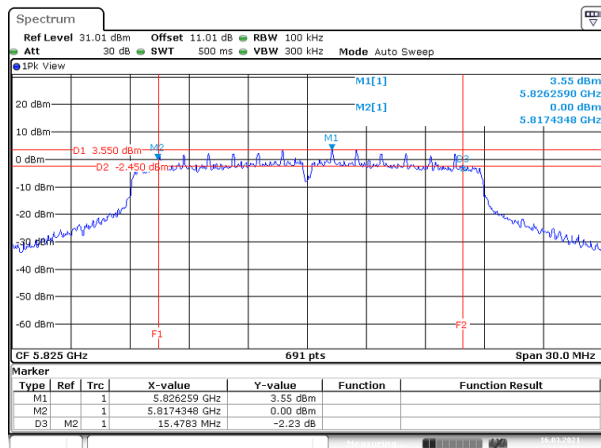
Low CH



Mid CH



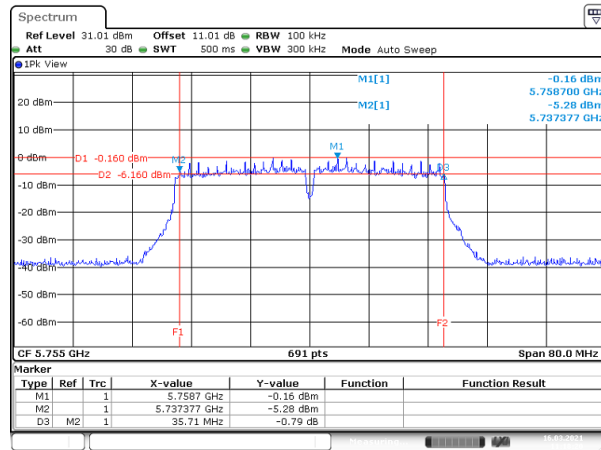
High CH



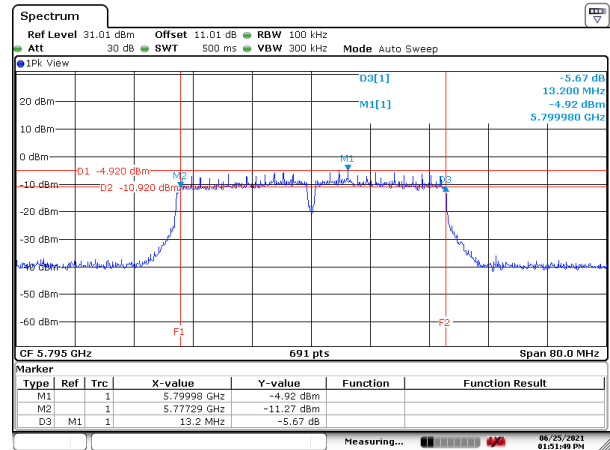
Chain 0

UNII-3 IEEE 802.11n HT40 mode

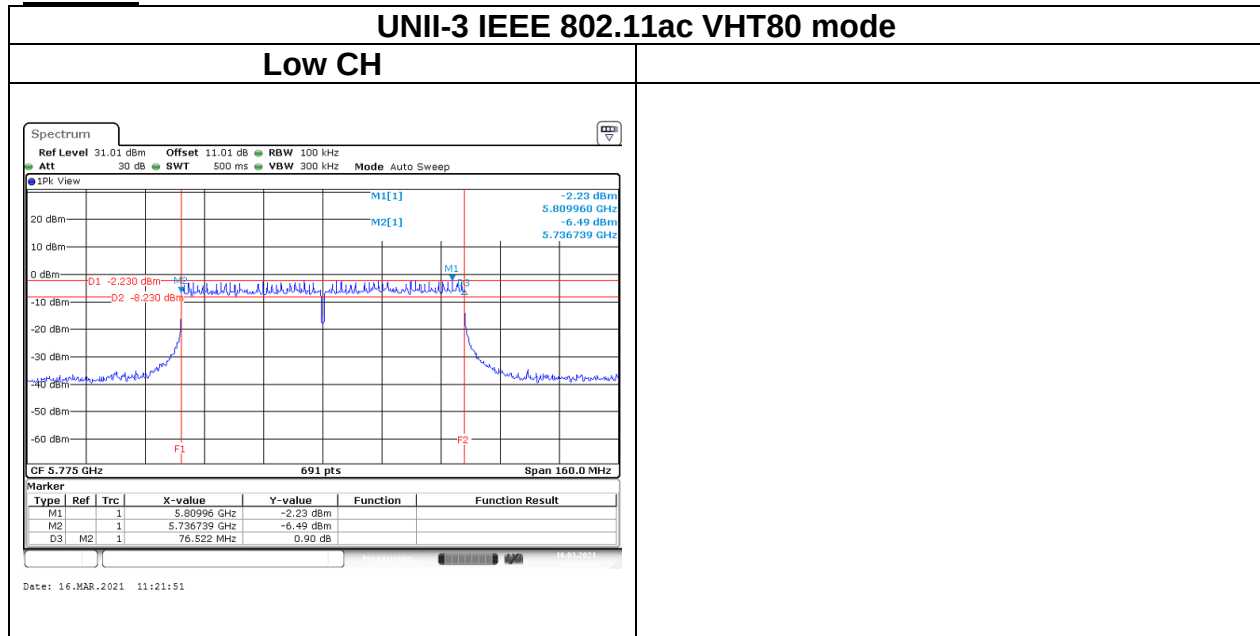
Low CH



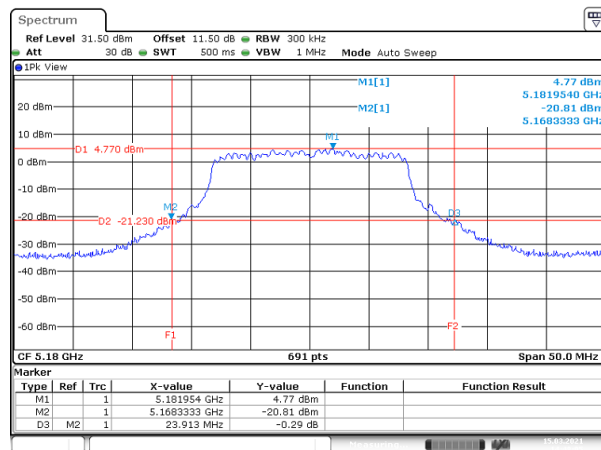
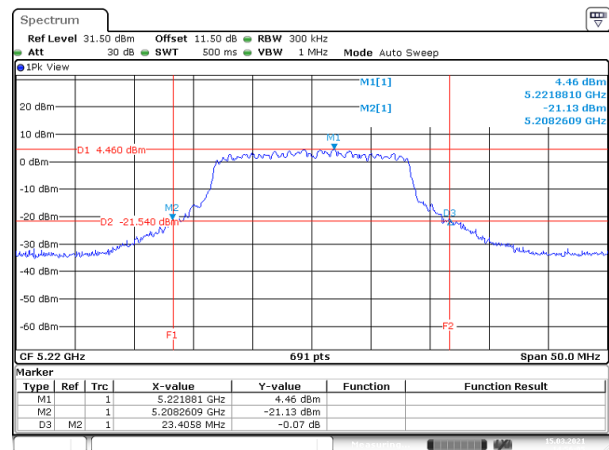
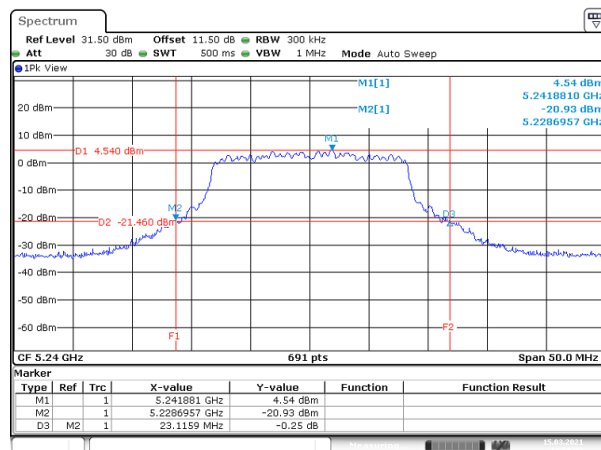
High CH



Chain 0



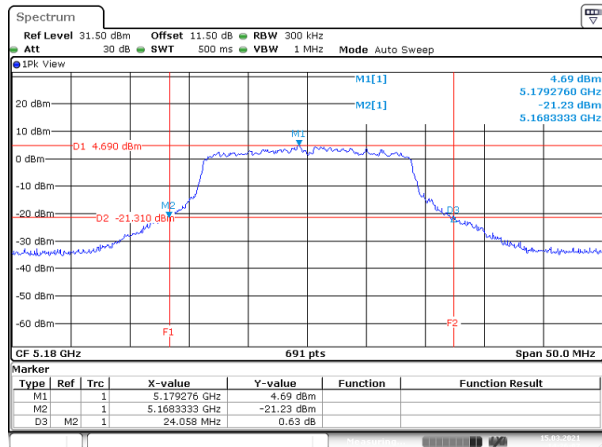
Report No.: T201102D09-RP4

Test Data (26dB BANDWIDTH)**Chain 1****UNII-1 IEEE 802.11a mode****Low CH****Mid CH****High CH**

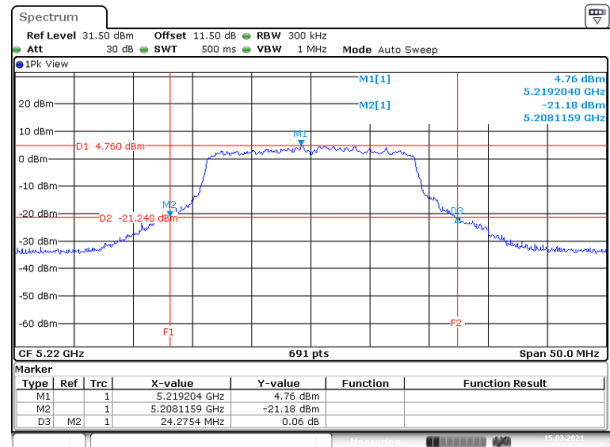
Chain 1

UNII-1 IEEE 802.11n HT20 mode

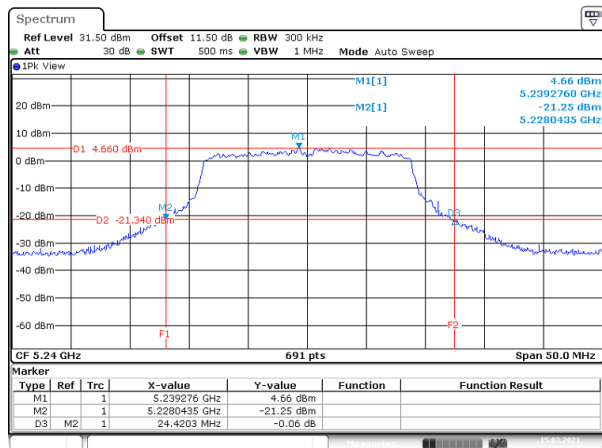
Low CH



Mid CH



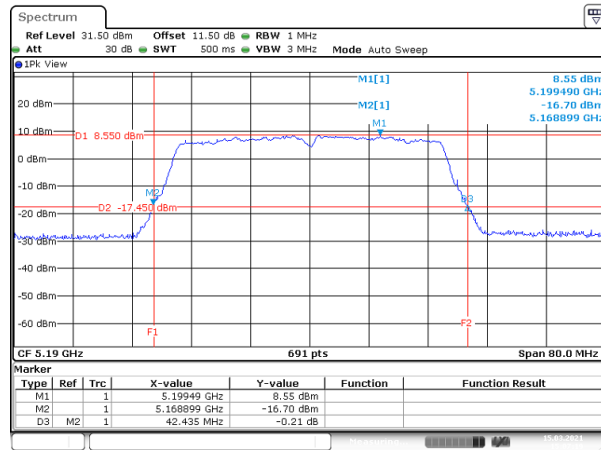
High CH



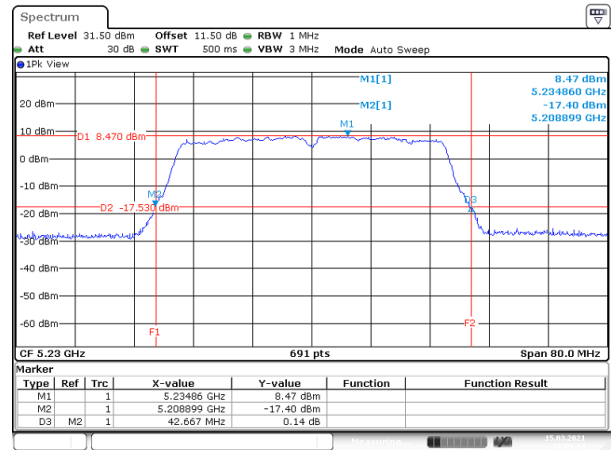
Chain 1

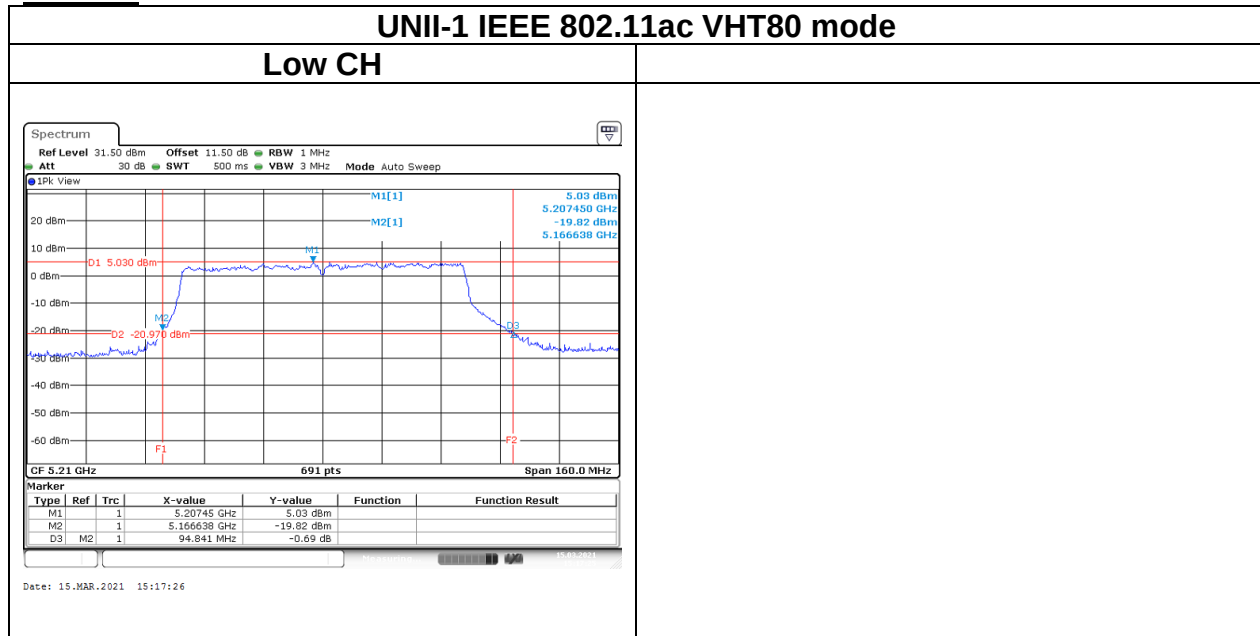
UNII-1 IEEE 802.11n HT40 mode

Low CH

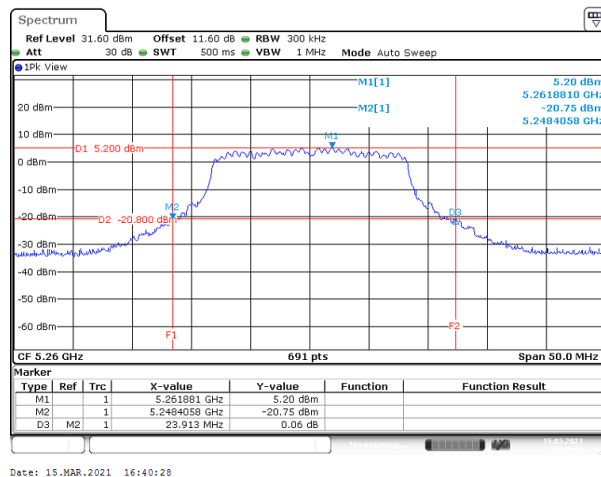
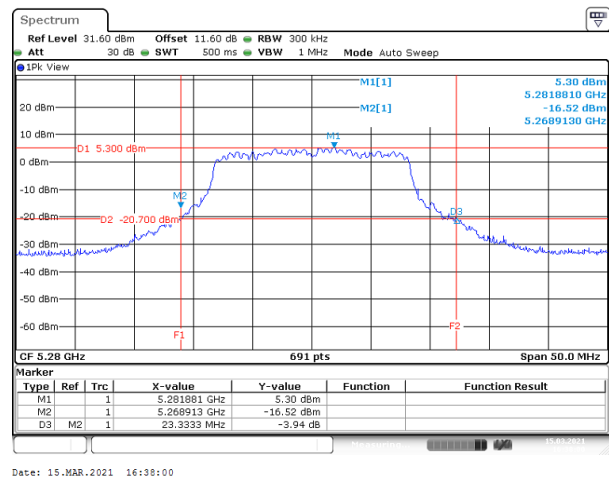
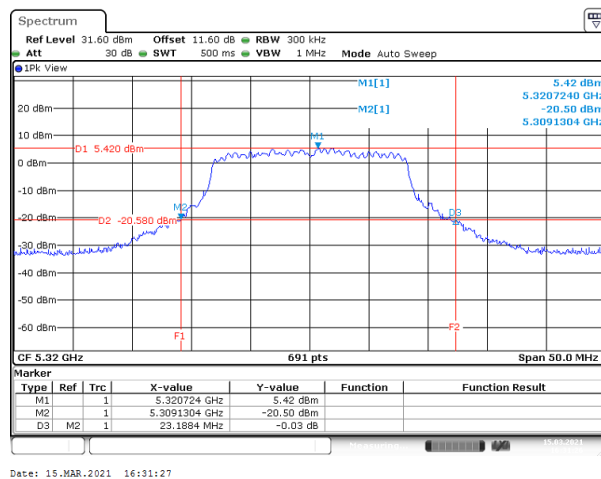


High CH



Chain 1

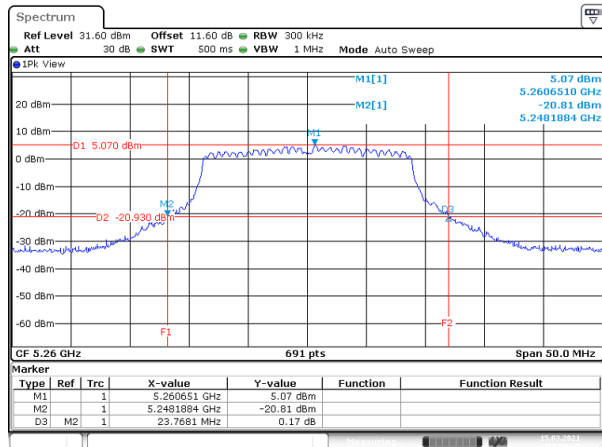
Report No.: T201102D09-RP4

Test Data (26dB BANDWIDTH)**Chain 1****UNII-2a IEEE 802.11a mode****Low CH****Mid CH****High CH**

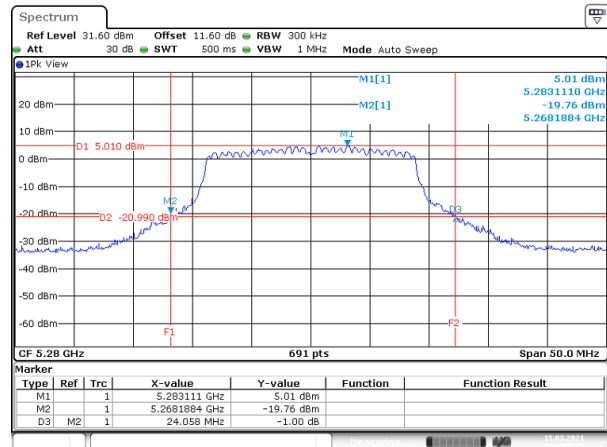
Chain 1

UNII-2a IEEE 802.11n HT20 mode

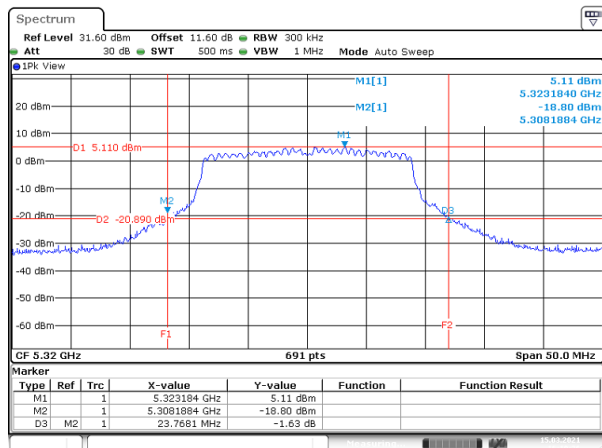
Low CH



Mid CH



High CH

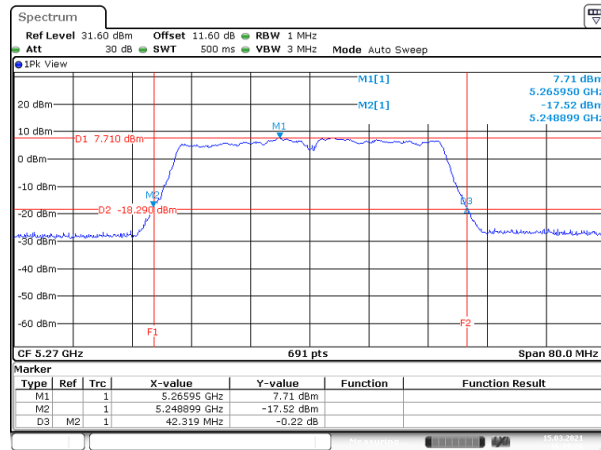


Report No.: T201102D09-RP4

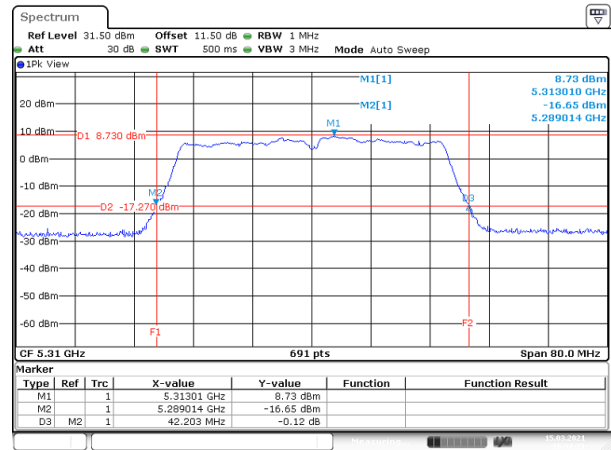
Chain 1

UNII-2a IEEE 802.11n HT40 mode

Low CH



High CH

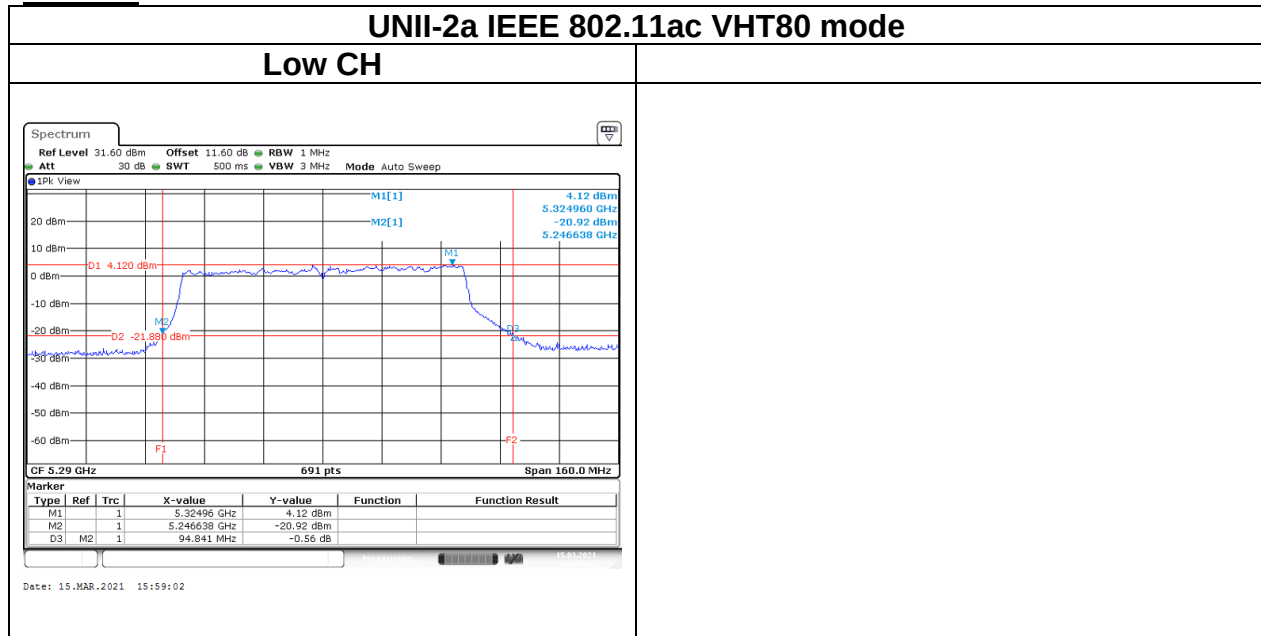


Report No.: T201102D09-RP4

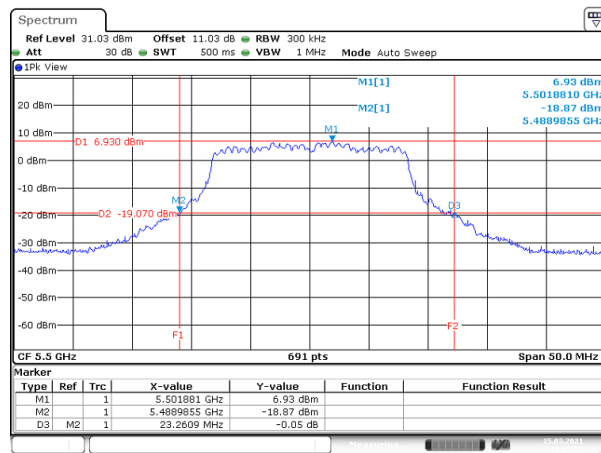
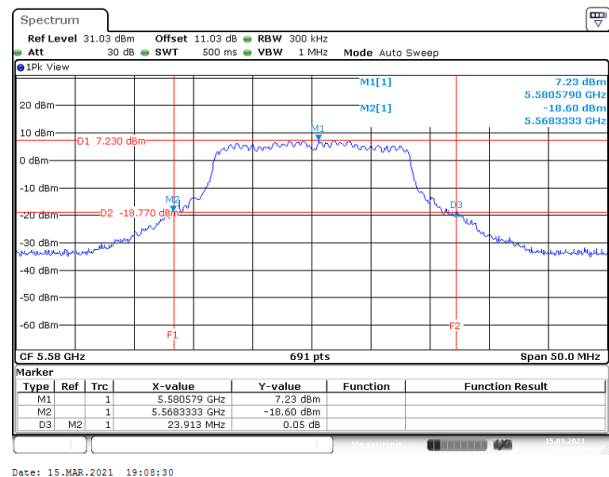
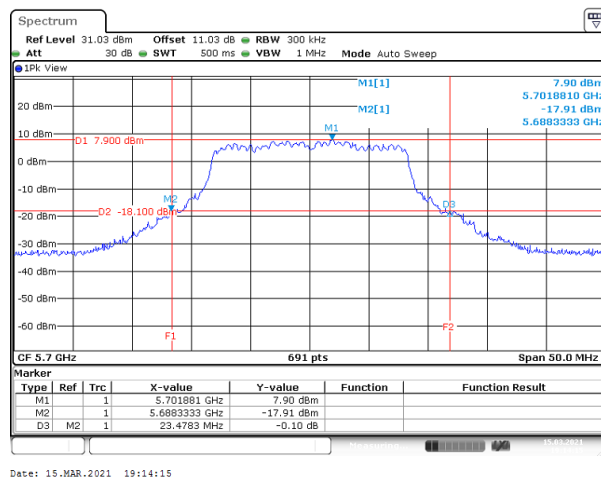
Page: 81 / 257

Rev.: 00

Chain 1



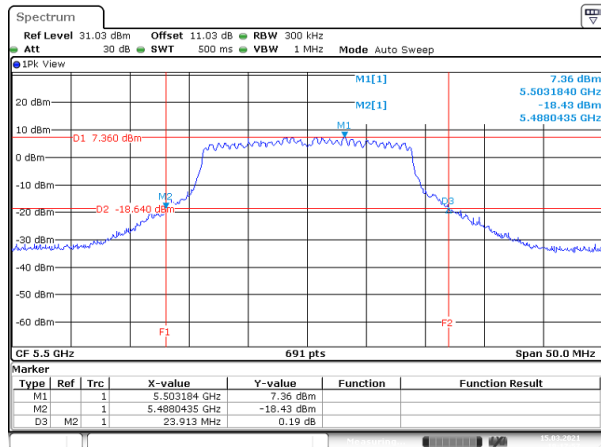
Report No.: T201102D09-RP4

Test Data (26dB BANDWIDTH)**Chain 1****UNII-2c IEEE 802.11a mode****Low CH****Mid CH****High CH**

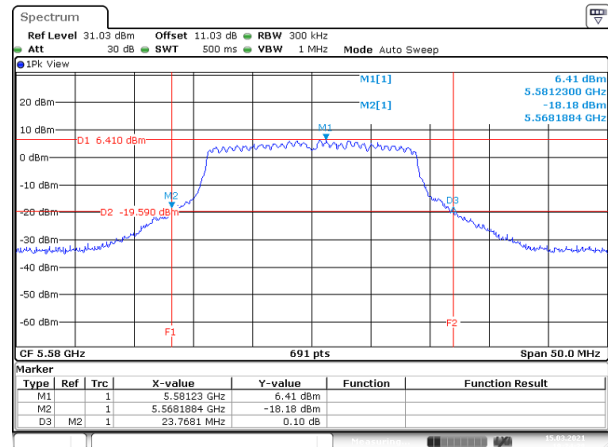
Chain 1

UNII-2c IEEE 802.11n HT20 mode

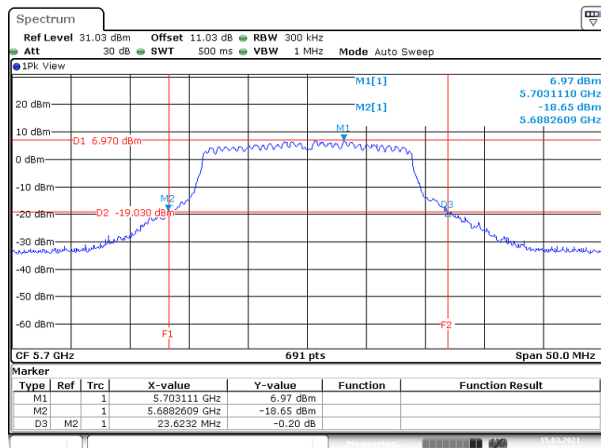
Low CH



Mid CH



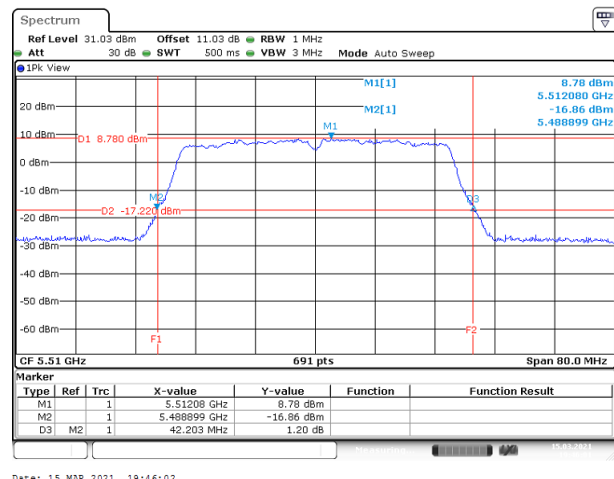
High CH



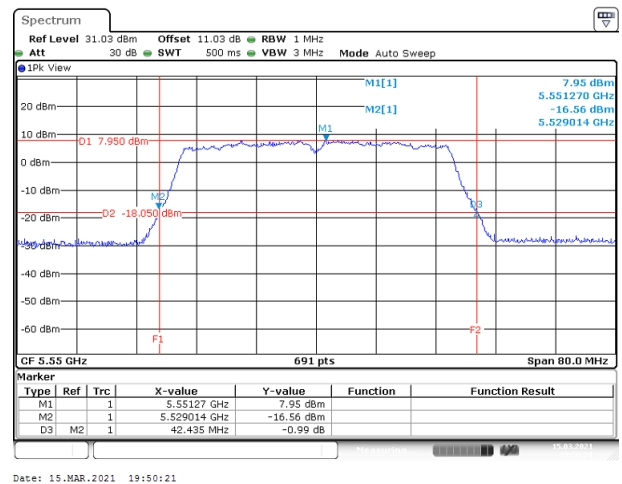
Chain 1

UNII-2c IEEE 802.11n HT40 mode

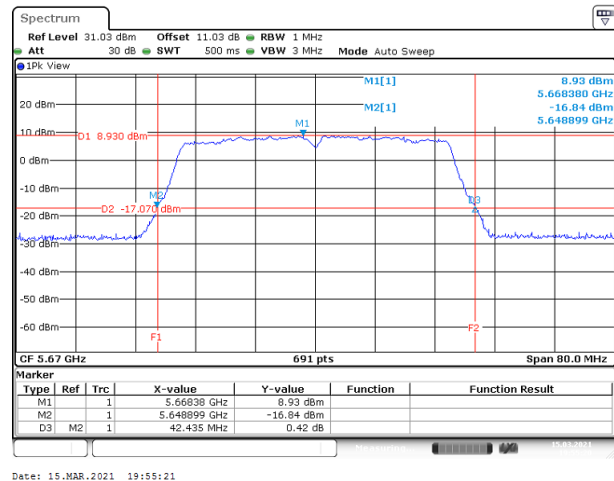
Low CH



Mid CH



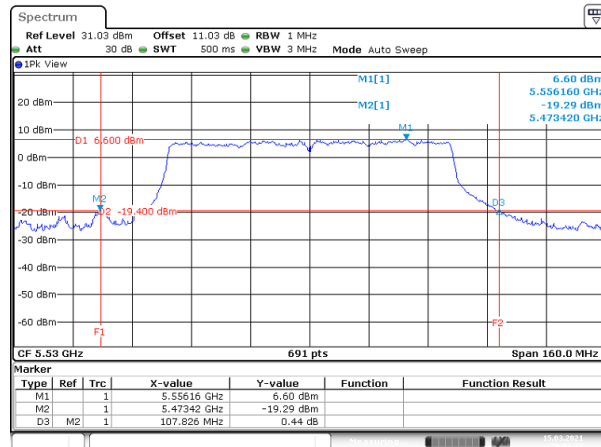
High CH



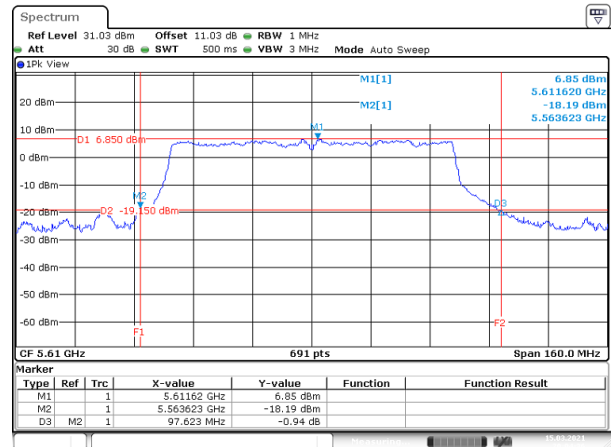
Chain 1

UNII-2c IEEE 802.11ac VHT80 mode

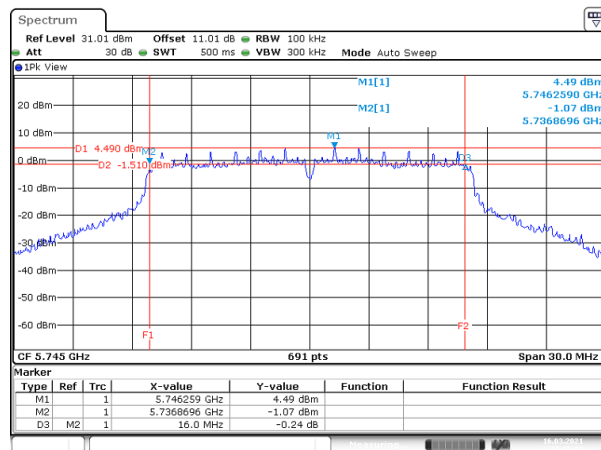
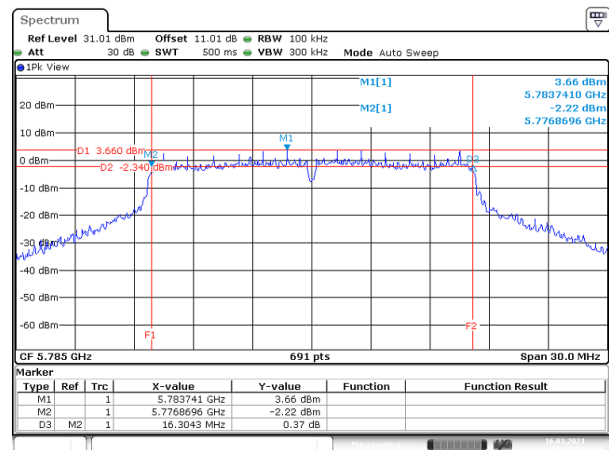
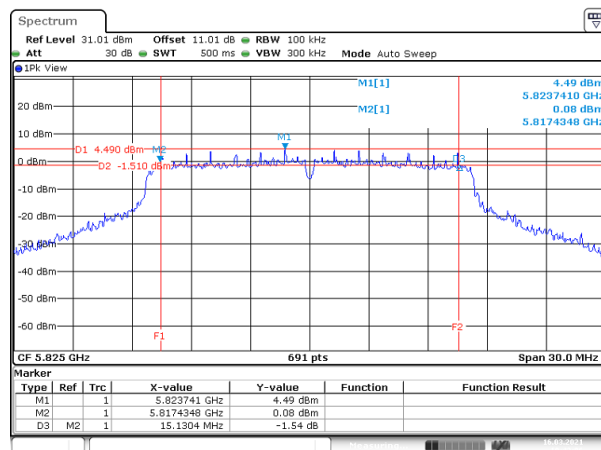
Low CH



High CH



Report No.: T201102D09-RP4

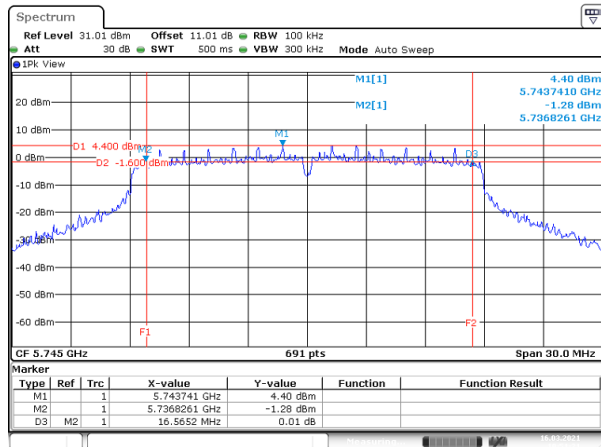
Test Data (6dB BANDWIDTH)**Chain 1****UNII-3 IEEE 802.11a mode****Low CH****Mid CH****High CH**

Report No.: T201102D09-RP4

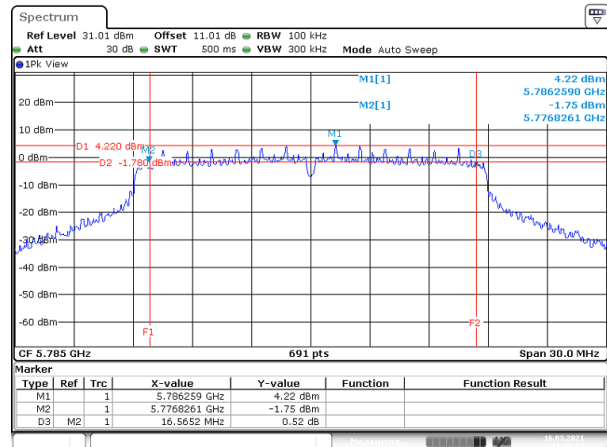
Chain 1

UNII-3 IEEE 802.11n HT20 mode

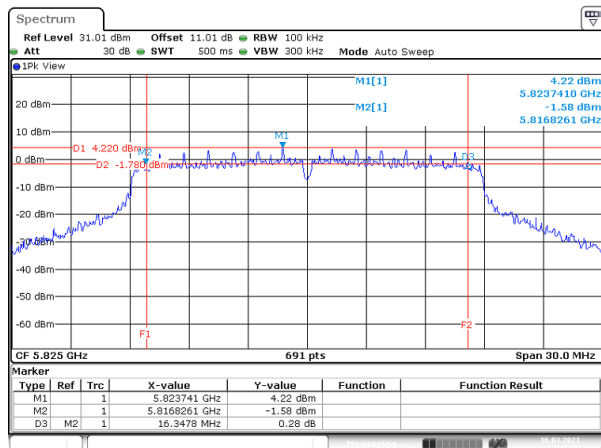
Low CH



Mid CH



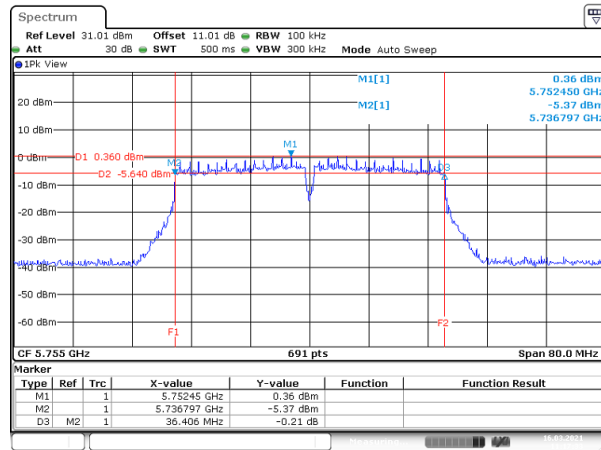
High CH



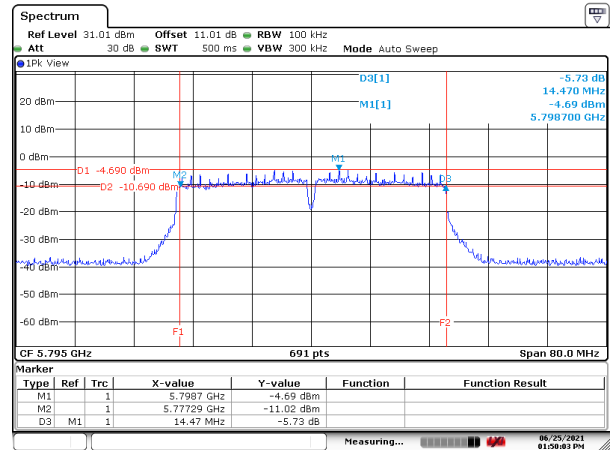
Chain 1

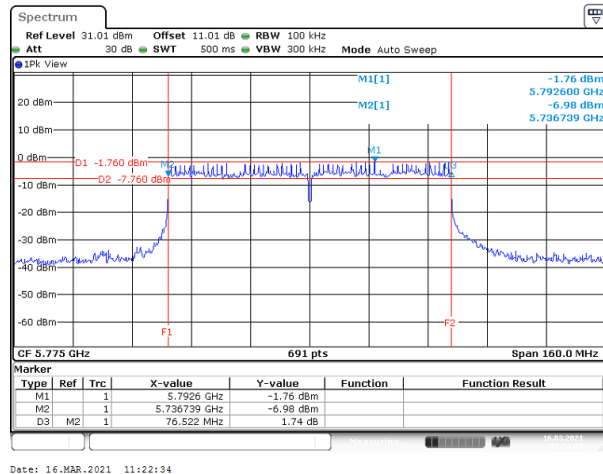
UNII-3 IEEE 802.11n HT40 mode

Low CH



High CH



Chain 1**UNII-3 IEEE 802.11ac VHT80 mode****Low CH**

4.3 OUTPUT POWER MEASUREMENT

4.3.1 Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3), and RSS-247 section 6.2.1.1, section 6.2.2.1, section 6.2.3.1 and section 6.2.4.1

FCC:

UNII-1 :

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW(24 dBm), whichever power is less. B is the 99% emission bandwidth in megahertz, provided the maximum antenna gain does not exceed 6 dBi. In addition, 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, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-2a and 2c:

the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. and The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-3:

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, 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, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Report No.: T201102D09-RP4**IC:****UNII-1 :**

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log_{10} B$, dBm, whichever is less. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For other devices, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

UNII-2a and 2c:

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log_{10} B$, dBm, whichever is less. Devices shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

Devices, other than devices installed in vehicles, shall comply with the following:

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band;

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

UNII-2c (5470-5600 MHz and 5650-5725 MHz)

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

UNII-3:

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, 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, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-1 Limit	☒ Antenna not exceed 6 dBi : 24dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 24 – (DG – 6)]
UNII-2a/2c Limit	☒ Antenna not exceed 6 dBi : 24dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 24 – (DG – 6)]
UNII-3 Limit	☒ Antenna not exceed 6 dBi : 30dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 30 – (DG – 6)]

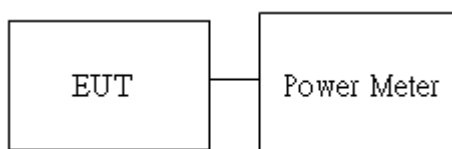
4.3.2 Test Procedure

Test method Refer as KDB 789033 D02, Section E.3.b for BW 20MHz and 40MHz, E.2.b for BW 80MHz.

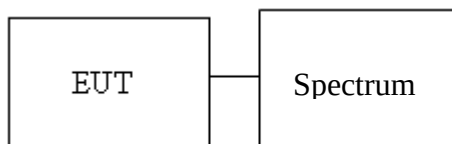
1. The EUT RF output connected to the power meter or spectrum by RF cable.
2. Setting maximum power transmit of EUT.
3. The path loss was compensated to the results for each measurement.
4. Measure and record the result of Average output power. in the test report.

4.3.3 Test Setup

For BW 20MHz and 40MHz



For BW 80MHz



Report No.: T201102D09-RP4

4.3.4 Test Result

Temperature: 22.2 ~ 22.8°C

Humidity: 48 ~ 53% RH

Tested by: Dally Hong

Test date: March 15 ~ 16, 2021

Conducted output power :

UNII-1														
Config	CH	Freq. (MHz)	Power Setting		AV Power (dBm)		AV Total Power (dBm)	EIRP AV Total Power (dBm)	AV Total Power (W)	EIRP AV Total Power (W)	DG (dBi)	Limit (dBm)	EIRP Limit (dBm)	
			Chain 0	Chain 1	Chain 0	Chain 1								
IEEE 802.11a Data rate: 6Mbps	36	5180	9	-	10.54	-	10.54	13.37	0.0113	0.0217	2.83	23.97	22.19	
	44	5220	10	-	11.23	-	11.23	14.06	0.0133	0.0255			22.21	
	48	5240	10.5	-	11.55	-	11.55	14.38	0.0143	0.0274			22.19	
IEEE 802.11a Data rate: 6Mbps	36	5180	-	9.5	-	11.54	11.54	14.32	0.0143	0.0270	2.78			22.19
	44	5220	-	10	-	11.97	11.97	14.75	0.0157	0.0299				22.19
	48	5240	-	10	-	11.84	11.84	14.62	0.0153	0.0290				22.19
IEEE 802.11n HT20 Data rate: MCS8	36	5180	10.5	10.5	12.12	12.50	15.32	18.13	0.0341	0.0650	2.81			22.49
	44	5220	11	11	12.05	13.15	15.64	18.45	0.0367	0.0700				22.49
	48	5240	10	10	11.08	11.69	14.40	17.21	0.0276	0.0526				22.49
IEEE 802.11n HT40 Data rate: MCS8	38	5190	8	8	10.43	10.95	13.70	16.51	0.0234	0.0448				23.00
	46	5230	9.5	9.5	11.64	12.30	14.99	17.80	0.0316	0.0603				23.00
IEEE 802.11ac VHT80 Data rate: MCS0	42	5210	11.5	11.5	11.16	12.20	14.72	17.53	0.0297	0.0566				23.00

Report No.: T201102D09-RP4

UNII-2a															
Config	CH	Freq. (MHz)	Power Setting		AV Power (dBm)		AV Total Power (dBm)	EIRP AV Total Power (dBm)	AV Total Power (W)	EIRP AV Total Power (W)	DG (dBi)	FCC Limit (dBm)	IC Limit (dBm)	EIRP Limit (dBm)	
			Chain 0	Chain 1	Chain 0	Chain 1									
IEEE 802.11a Data rate: 6Mbps	52	5260	11.5	-	12.34	-	12.34	15.17	0.0171	0.0329	2.83	23.97	23.19	29.19	
	56	5280	11	-	11.78	-	11.78	14.61	0.0151	0.0289			23.21	29.21	
	64	5320	10.5	-	11.52	-	11.52	14.35	0.0142	0.0272			23.19	29.19	
IEEE 802.11a Data rate: 6Mbps	52	5260	-	10.5	-	12.24	12.24	15.02	0.0168	0.0318	2.78			23.19	29.19
	56	5280	-	10.5	-	11.79	11.79	14.57	0.0151	0.0286				23.19	29.19
	64	5320	-	10.5	-	12.03	12.03	14.81	0.0160	0.0303				23.19	29.19
IEEE 802.11n HT20 Data rate: MCS8	52	5260	10.5	10.5	11.40	12.46	14.97	17.78	0.0314	0.0600	2.81			23.48	29.48
	56	5280	10.5	10.5	11.27	11.93	14.62	17.43	0.0290	0.0553				23.48	29.48
	64	5320	10.5	10.5	11.57	12.23	14.92	17.73	0.0310	0.0593				23.48	29.48
IEEE 802.11n HT40 Data rate: MCS8	54	5270	10	10	11.76	12.63	15.23	18.03	0.0333	0.0635				23.97	30.00
	62	5310	10	10	11.83	12.31	15.09	17.89	0.0323	0.0615				23.97	30.00
IEEE 802.11ac VHT80 Data rate: MCS0	58	5290	11.5	11.5	11.22	12.21	14.75	17.56	0.0299	0.0571				23.97	30.00

Report No.: T201102D09-RP4

UNII-2c															
Config	CH	Freq. (MHz)	Power Setting		AV Power (dBm)		AV Total Power (dBm)	EIRP AV Total Power (dBm)	AV Total Power (W)	EIRP AV Total Power (W)	DG (dBi)	FCC Limit (dBm)	IC Limit (dBm)	EIRP Limit (dBm)	
			Chain 0	Chain 1	Chain 0	Chain 1									
IEEE 802.11a Data rate: 6Mbps	100	5500	11	-	12.52	-	12.52	15.35	0.0179	0.0343	2.83	23.97	23.19	29.19	
	116	5580	11	-	12.89	-	12.89	15.72	0.0195	0.0373			23.21	29.21	
	140	5700	11.5	-	12.55	-	12.55	15.38	0.0180	0.0345			23.21	29.21	
IEEE 802.11a Data rate: 6Mbps	100	5500	-	10.5	-	12.52	12.52	15.30	0.0179	0.0339	2.78			23.19	29.19
	116	5580	-	11	-	12.77	12.77	15.55	0.0189	0.0359				23.19	29.19
	140	5700	-	11	-	12.91	12.91	15.69	0.0195	0.0371				23.19	29.19
IEEE 802.11n HT20 Data rate: MCS8	100	5500	10.5	10.5	11.94	12.54	15.26	18.06	0.0336	0.0640	2.81			23.48	29.48
	116	5580	10.5	10.5	11.90	12.17	15.05	17.85	0.0320	0.0610				23.47	29.47
	140	5700	11	11	11.94	13.10	15.57	18.37	0.0360	0.0687				23.48	29.48
IEEE 802.11n HT40 Data rate: MCS8	102	5510	9.5	9.5	11.92	11.95	14.95	17.75	0.0312	0.0596				23.97	30.00
	110	5550	9.5	9.5	11.84	12.12	14.99	17.80	0.0316	0.0603				23.97	30.00
	134	5670	9.5	9.5	11.78	12.02	14.91	17.72	0.0310	0.0592				23.97	30.00
IEEE 802.11ac VHT80 Data rate: MCS0	106	5530	11.5	11.5	11.78	12.13	14.97	17.77	0.0314	0.0598				23.97	30.00
	122	5610	11.5	11.5	11.47	12.43	14.99	17.79	0.0315	0.0601				23.97	30.00

Report No.: T201102D09-RP4

UNII-3												
Config	CH	Freq. (MHz)	Power Setting		AV Power (dBm)		AV Total Power (dBm)	AV Total Power (W)	DG (dBi)	Limit (dBm)		
			Chain 0	Chain 1	Chain 0	Chain 1						
IEEE 802.11a Data rate: 6Mbps	149	5745	12	-	12.85	-	12.85	0.0193	2.83	30		
	157	5785	12	-	12.87	-	12.87	0.0194				
	165	5825	11.5	-	12.58	-	12.58	0.0181				
IEEE 802.11a Data rate: 6Mbps	149	5745	-	11.5	-	12.96	12.96	0.0198	2.78		30	
	157	5785	-	11.5	-	12.95	12.95	0.0197				
	165	5825	-	11	-	12.67	12.67	0.0185				
IEEE 802.11n HT20 Data rate: MCS8	149	5745	11	11	11.84	12.59	15.24	0.0334	2.81			30
	157	5785	11	11	11.83	12.55	15.21	0.0332				
	165	5825	10.5	10.5	11.68	12.20	14.96	0.0313				
IEEE 802.11n HT40 Data rate: MCS8	151	5755	10	10	11.19	12.56	14.94	0.0312				
	159	5795	10	10	11.25	12.20	14.76	0.0299				
IEEE 802.11ac VHT80 Data rate: MCS0	155	5775	11	11	11.55	11.93	14.75	0.0299				

4.4 POWER SPECTRAL DENSITY

4.4.1 Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3)

According to RSS-247 section 6.2.1.1, section 6.2.2.1, section 6.2.3.1 and section 6.2.4.1

UNII-1:

FCC: The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

IC: The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-2a and 2c:

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, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-3:

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, 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, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-1 Limit	☒ Antenna not exceed 6 dBi : 11 dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)]
UNII-2a Limit	☒ Antenna not exceed 6 dBi : 11 dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)]
UNII-2c Limit	☒ Antenna not exceed 6 dBi : 11 dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)]
UNII-3 Limit	☒ Antenna not exceed 6 dBi : 30 dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 30 – (DG – 6)]

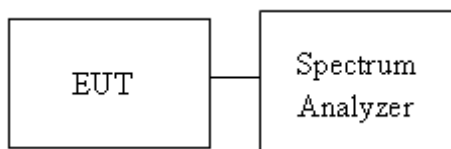
Report No.: T201102D09-RP4

4.4.2 Test Procedure

Test method Refer as KDB 789033 D02

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. UNII-1, UNII-2a and UNII-2c, SA set RBW = 1MHz, VBW = 3MHz and Detector = RMS, to measurement Power Density.
4. UNII-3, SA set RBW = 500kHz, VBW = 2MHz and Detector = RMS, to measurement Power Density
5. The path loss and Duty Factor were compensated to the results for each measurement by SA.
6. Mark the maximum level.
7. Measure and record the result of power spectral density. in the test report.

4.4.3 Test Setup



4.4.4 Test Result

Temperature: 23.4 ~ 25.3°C**Humidity:** 50.9 ~ 53.6% RH**Tested by:** Dally Hong**Test date:** June 24 ~ August 17, 2021

Report No.: T201102D09-RP4

UNII-1 5150-5250 MHz								
IEEE 802.11a mode	FCC					IC		
	Power Spectral Density (dBm)					E.I.R.P. Power Spectral Density (dBm)		
Channel	Without Duty		With Duty		Limit	Chain0	Chain1	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	3.39	4.96	3.41	4.98	11	6.24	7.76	10
Middle	4.73	5	4.75	5.02	11	7.58	7.80	10
High	5.36	4.38	5.38	4.40	11	8.21	7.18	10

IEEE 802.11n HT20 mode	FCC						IC	
	Power Spectral Density (dBm)						E.I.R.P. Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	3.87	3.99	3.96	4.08	7.03	11	9.83	10
Middle	3.7	3.62	3.79	3.71	6.76	11	9.56	10
High	3.68	3.24	3.77	3.33	6.56	11	9.37	10

IEEE 802.11n HT40 mode	FCC						IC	
	Power Spectral Density (dBm)						E.I.R.P. Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	0.2	-0.32	0.99	0.47	3.75	11	6.56	10
High	0.42	1.07	1.21	1.86	4.56	11	7.37	10

IEEE 802.11ac VHT80 mode	FCC						IC	
	Power Spectral Density (dBm)						E.I.R.P. Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	0.8	-0.4	2.05	0.85	4.50	11	7.31	10

UNII-2a 5250-5350 MHz								
IEEE 802.11a mode	FCC					IC		
	Power Spectral Density (dBm)					Power Spectral Density (dBm)		
Channel	Without Duty		With Duty		Limit	Chain0	Chain1	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	5.74	5.08	5.76	5.10	11	5.76	5.10	11
Middle	6.29	5.02	6.31	5.04	11	6.31	5.04	11
High	6.86	4.8	6.88	4.82	11	6.88	4.82	11

IEEE 802.11n HT20 mode	FCC						IC	
	Power Spectral Density (dBm)						Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	5.1	4.11	5.19	4.20	7.73	11	7.73	11
Middle	4.29	3.9	4.38	3.99	7.20	11	7.20	11
High	5.03	4.91	5.12	5.00	8.07	11	8.07	11

IEEE 802.11n HT40 mode	FCC						IC	
	Power Spectral Density (dBm)						Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	1.27	2.37	2.06	3.16	5.66	11	5.66	11
High	2.09	2.25	2.88	3.04	5.97	11	5.97	11

IEEE 802.11ac VHT80 mode	FCC						IC	
	Power Spectral Density (dBm)						Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	0.42	-0.12	1.67	1.13	4.42	11	4.42	10

UNII-2c 5470-5725 MHz								
IEEE 802.11a mode	FCC					IC		
	Power Spectral Density (dBm)					Power Spectral Density (dBm)		
Channel	Without Duty		With Duty		Limit	Chain0	Chain1	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	6.66	6.13	6.68	6.15	11	6.68	6.15	11
Middle	6.75	6.28	6.77	6.30	11	6.77	6.30	11
High	6.26	6.13	6.28	6.15	11	6.28	6.15	11

IEEE 802.11n HT20 mode	FCC						IC	
	Power Spectral Density (dBm)						Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	6.58	5.7	6.67	5.79	9.26	11	9.26	11
Middle	5.42	5.11	5.51	5.20	8.37	11	8.37	11
High	5.84	5.64	5.93	5.73	8.84	11	8.84	11

IEEE 802.11n HT40 mode	FCC						IC	
	Power Spectral Density (dBm)						Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	2.17	1.93	2.96	2.72	5.85	11	5.85	11
Middle	2.64	2.08	3.43	2.87	6.17	11	6.17	11
High	3.29	2.38	4.08	3.17	6.66	11	6.66	11

IEEE 802.11ac VHT80 mode	FCC						IC	
	Power Spectral Density (dBm)						Power Spectral Density (dBm)	
Channel	Without Duty		With Duty		Total	Limit	Total	Limit
	Chain0	Chain1	Chain0	Chain1				
Low	1.13	0.5	2.38	1.75	5.09	11	5.09	11
High	0.31	-0.34	1.56	0.91	4.26	11	4.26	11