

**OFDM: 802.11ac\_VHT80 (Band 1)\_Ant.2**

A. Middle Channel (5 210 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*4 500.00	9.41	Peak	V	31.90	14.06	-	55.37	74.00	18.63
*4 500.00	0.95	Average	V	31.90	14.06	1.16	48.07	54.00	5.93
*4 574.03	12.17	Peak	V	31.85	14.21	-	58.23	74.00	15.77
*4 567.71	1.60	Average	V	31.84	14.18	1.16	48.78	54.00	5.22
*5 150.00	10.50	Peak	V	33.30	15.03	-	58.83	74.00	15.17
*5 150.00	0.52	Average	V	33.30	15.03	1.16	<b>50.01</b>	54.00	3.99

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT80 (Band 2A)\_Ant.2**

A. Middle Channel (5 290 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*5 350.00	11.64	Peak	V	33.90	15.11	-	60.65	74.00	13.35
*5 350.00	1.52	Average	V	33.90	15.11	1.16	51.69	54.00	2.31
*5 367.49	12.22	Peak	V	33.90	15.17	-	61.29	74.00	12.71
*5 364.55	1.49	Average	V	33.90	15.16	1.16	<b>51.71</b>	54.00	2.29
*5 460.00	10.58	Peak	V	33.90	15.23	-	59.71	74.00	14.29
*5 460.00	0.90	Average	V	33.90	15.23	1.16	51.19	54.00	2.81

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT80 (Band 2C)\_Ant.2**

A. Low Channel (5 530 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*5 350.00	10.25	Peak	V	33.90	15.11	-	59.26	74.00	14.74
*5 350.00	1.34	Average	V	33.90	15.11	1.16	51.51	54.00	2.49
*5 453.42	12.96	Peak	V	33.90	15.22	-	62.08	74.00	11.92
*5 416.80	1.27	Average	V	33.90	15.33	1.16	<b>51.66</b>	54.00	2.34
*5 460.00	10.03	Peak	V	33.90	15.23	-	59.16	74.00	14.84
*5 460.00	1.06	Average	V	33.90	15.23	1.16	51.35	54.00	2.65

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT80 (Band 3)\_Ant.2**

A. Middle Channel (5 775 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
5 606.15	12.44	Peak	V	33.90	15.62	-	61.96	68.23	6.27
5 670.32	12.73	Peak	V	33.90	15.98	-	62.61	83.26	20.65
5 710.91	12.30	Peak	V	33.92	16.03	-	62.25	108.28	46.03
5 723.82	12.27	Peak	V	33.95	16.03	-	62.25	119.54	57.29
5 851.03	11.33	Peak	V	34.20	16.29	-	61.82	119.88	58.06
5 869.89	12.12	Peak	V	34.24	16.34	-	62.70	106.66	43.96
5 903.24	13.55	Peak	V	34.31	16.24	-	64.10	84.33	20.23
5 942.11	12.74	Peak	V	34.47	16.34	-	<b>63.55</b>	68.23	4.68

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

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**OFDM: 802.11ac\_VHT20 (Band 1)\_Ant.1+Ant.2**

A. Low Channel (5 180 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*4 500.00	9.90	Peak	V	31.90	14.06	-	55.86	74.00	18.14
*4 500.00	1.08	Average	V	31.90	14.06	0.22	47.26	54.00	6.74
*4 571.66	12.76	Peak	V	31.84	14.20	-	58.80	74.00	15.20
*4 660.14	1.58	Average	V	32.04	14.18	0.22	48.02	54.00	5.98
*5 150.00	10.32	Peak	V	33.30	15.03	-	58.65	74.00	15.35
*5 150.00	1.01	Average	V	33.30	15.03	0.22	<b>49.56</b>	54.00	4.44

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

B. Middle Channel (5 220 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

C. High Channel (5 240 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT20 (Band 2A)\_Ant.1+Ant.2**

A. Low Channel (5 260 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

B. Middle Channel (5 300 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

C. High Channel (5 320 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*5 350.00	11.31	Peak	V	33.90	15.11	-	60.32	74.00	13.68
*5 350.00	1.65	Average	V	33.90	15.11	0.22	50.88	54.00	3.12
*5 384.50	12.50	Peak	V	33.90	15.17	-	61.57	74.00	12.43
*5 389.75	2.28	Average	V	33.90	15.16	0.22	<b>51.56</b>	54.00	2.44
*5 460.00	10.05	Peak	V	33.90	15.23	-	59.18	74.00	14.82
*5 460.00	1.45	Average	V	33.90	15.23	0.22	50.80	54.00	3.20

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT20 (Band 2C)\_Ant.1+Ant.2**

A. Low Channel (5 500 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*5 350.00	9.67	Peak	V	33.90	15.11	-	58.68	74.00	15.32
*5 350.00	0.63	Average	V	33.90	15.11	0.22	49.86	54.00	4.14
*5 364.25	12.42	Peak	V	33.90	15.16	-	61.48	74.00	12.52
*5 364.00	1.63	Average	V	33.90	15.16	0.22	<b>50.91</b>	54.00	3.09
*5 460.00	10.37	Peak	V	33.90	15.23	-	59.50	74.00	14.50
*5 460.00	1.27	Average	V	33.90	15.23	0.22	50.62	54.00	3.38

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

B. Middle Channel (5 580 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

C. High Channel (5 700 MHz)

Radiated Emissions			Ant.	Correction Factors		Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
5 725.00	9.81	Peak	V	33.95	16.03	59.79	68.23	8.44
5 743.48	12.39	Peak	V	33.99	16.16	62.54	68.23	5.69

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT20 (Band 3)\_Ant.1+Ant.2**

A. Low Channel (5 745 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)		Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
5 637.11	12.50	Peak	V	33.90	15.97		62.37	68.23	5.86
5 675.24	11.98	Peak	V	33.90	15.94		61.82	86.91	25.09
5 710.50	11.72	Peak	V	33.92	16.03		61.67	108.17	46.50
5 722.80	12.32	Peak	V	33.95	16.03		62.30	117.21	54.91

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

B. Middle Channel (5 785 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

C. High Channel (5 825 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)		Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
5 852.41	10.64	Peak	V	34.20	16.30		61.14	116.73	55.59
5 866.44	10.69	Peak	V	34.23	16.33		61.25	107.62	46.37
5 906.69	13.51	Peak	V	34.33	16.23		64.07	81.78	17.71
5 936.36	12.55	Peak	V	34.45	16.29		<b>63.29</b>	68.23	4.94

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11n\_HT40 (Band 1)\_Ant.1+Ant.2**

A. Low Channel (5 190 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*4 500.00	10.01	Peak	V	31.90	14.06	-	55.97	74.00	18.03
*4 500.00	0.37	Average	V	31.90	14.06	0.31	46.64	54.00	7.36
*4 648.29	12.96	Peak	V	32.00	14.14	-	59.10	74.00	14.90
*4 562.97	1.54	Average	V	31.83	14.15	0.31	47.83	54.00	6.17
*5 150.00	10.36	Peak	V	33.30	15.03	-	58.69	74.00	15.31
*5 150.00	0.51	Average	V	33.30	15.03	0.31	<b>49.15</b>	54.00	4.85

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

B. High Channel (5 230 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11n\_HT40 (Band 2A)\_Ant.1+Ant.2**

A. Low Channel (5 270 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

B. High Channel (5 310 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*5 350.00	11.25	Peak	V	33.90	15.11	-	60.26	74.00	13.74
*5 350.00	1.87	Average	V	33.90	15.11	0.31	<b>51.19</b>	54.00	2.81
*5 388.91	11.22	Peak	V	33.90	15.16	-	60.28	74.00	13.72
*5 355.94	1.62	Average	V	33.90	15.13	0.31	50.96	54.00	3.04
*5 460.00	10.59	Peak	V	33.90	15.23	-	59.72	74.00	14.28
*5 460.00	1.05	Average	V	33.90	15.23	0.31	50.49	54.00	3.51

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-



**OFDM: 802.11n\_HT40 (Band 2C)\_Ant.1+Ant.2**

A. Low Channel (5 510 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*5 350.00	10.72	Peak	V	33.90	15.11	-	59.73	74.00	14.27
*5 350.00	1.03	Average	V	33.90	15.11	0.31	50.35	54.00	3.65
*5 401.69	12.70	Peak	V	33.90	15.15	-	61.75	74.00	12.25
*5 444.69	1.57	Average	V	33.90	15.26	0.31	<b>51.04</b>	54.00	2.96
*5 460.00	11.04	Peak	V	33.90	15.23	-	60.17	74.00	13.83
*5 460.00	1.33	Average	V	33.90	15.23	0.31	50.77	54.00	3.23

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

B. Middle Channel (5 550 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

C. High Channel (5 670 MHz)

Radiated Emissions			Ant.	Correction Factors		Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
5 725.00	10.10	Peak	V	33.95	16.03	60.08	68.23	8.15
5 741.05	12.72	Peak	V	33.98	16.14	62.84	68.23	5.39

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11n\_HT40 (Band 3)\_Ant.1+Ant.2**

A. Low Channel (5 755 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)		Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
5 636.90	12.03	Peak	V	33.90	15.97		61.90	68.23	6.33
5 690.61	12.45	Peak	V	33.90	16.00		62.35	98.28	35.93
5 708.65	12.09	Peak	V	33.92	16.03		62.04	107.65	45.61
5 725.00	11.17	Peak	V	33.95	16.03		61.15	122.23	61.08

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

B. High Channel (5 795 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)		Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
5 851.95	11.04	Peak	V	34.20	16.29		61.53	117.78	56.25
5 867.59	11.54	Peak	V	34.24	16.33		62.11	107.30	45.19
5 877.25	12.06	Peak	V	34.25	16.34		62.65	103.56	40.91
5 945.79	12.48	Peak	V	34.48	16.36		<b>63.32</b>	68.23	4.91

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT80 (Band 1)\_Ant.1+Ant.2**

A. Middle Channel (5 210 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*4 500.00	11.20	Peak	V	31.90	14.06	-	57.16	74.00	16.84
*4 500.00	0.96	Average	V	31.90	14.06	0.63	47.55	54.00	6.45
*4 904.25	12.51	Peak	V	32.91	15.07	-	60.49	74.00	13.51
*5 106.49	1.15	Average	V	33.21	15.12	0.63	<b>50.11</b>	54.00	3.89
*5 150.00	11.68	Peak	V	33.30	15.03	-	60.01	74.00	13.99
*5 150.00	0.75	Average	V	33.30	15.03	0.63	49.71	54.00	4.29

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT80 (Band 2A)\_Ant.1+Ant.2**

A. Middle Channel (5 290 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*5 350.00	10.61	Peak	V	33.90	15.11	-	59.62	74.00	14.38
*5 350.00	0.99	Average	V	33.90	15.11	0.63	50.63	54.00	3.37
*5 376.52	13.00	Peak	V	33.90	15.19	-	62.09	74.00	11.91
*5 406.13	1.85	Average	V	33.90	15.20	0.63	51.58	54.00	2.42
*5 460.00	9.91	Peak	V	33.90	15.23	-	59.04	74.00	14.96
*5 460.00	1.95	Average	V	33.90	15.23	0.63	<b>51.71</b>	54.00	2.29

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT80 (Band 2C)\_Ant.1+Ant.2**

A. Low Channel (5 530 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
*5 350.00	9.51	Peak	V	33.90	15.11	-	58.52	74.00	15.48
*5 350.00	0.79	Average	V	33.90	15.11	0.63	50.43	54.00	3.57
*5 437.63	12.12	Peak	V	33.90	15.32	-	61.34	74.00	12.66
*5 446.63	1.77	Average	V	33.90	15.25	0.63	<b>51.55</b>	54.00	2.45
*5 460.00	9.78	Peak	V	33.90	15.23	-	58.91	74.00	15.09
*5 460.00	1.09	Average	V	33.90	15.23	0.63	50.85	54.00	3.15

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**OFDM: 802.11ac\_VHT80 (Band 3)\_Ant.1+Ant.2**

A. Middle Channel (5 775 MHz)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
5 614.35	13.14	Peak	V	33.90	15.69		62.73	68.23	5.50
5 688.15	12.58	Peak	V	33.90	15.99		62.47	96.46	33.99
5 710.50	12.80	Peak	V	33.92	16.03		62.75	108.17	45.42
5 720.00	10.90	Peak	V	33.94	16.03		60.87	110.83	49.96
5 853.79	10.11	Peak	V	34.21	16.30		60.62	113.59	52.97
5 858.85	12.15	Peak	V	34.22	16.31		62.68	109.75	47.07
5 888.06	12.03	Peak	V	34.28	16.30		62.61	95.56	32.95
5 934.29	12.38	Peak	V	34.44	16.28		<b>63.10</b>	68.23	5.13

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (MHz)	Reading (dB $\mu$ V)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

**Remark;**

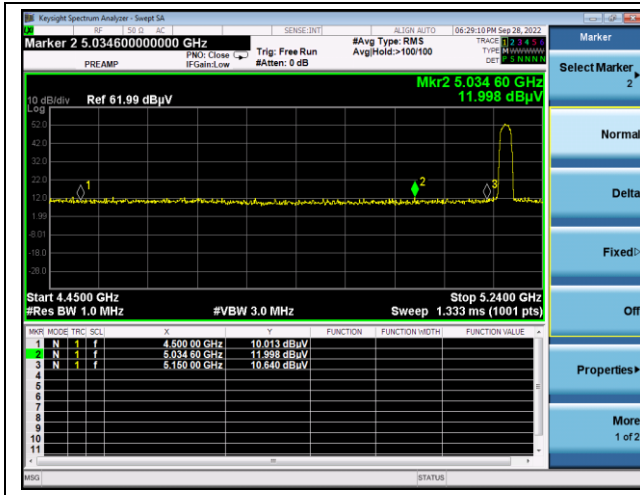
1. “\*” means the restricted band.
2. Radiated emissions measured in frequency above 1 000 MHz were made with an instrument using Peak / average detector mode if frequency was in restricted band. Otherwise the frequency was out of restricted band, only peak detector should be used.
3. Actual = Reading + AF + AMP + CL + (DF).
4. If frequency was out of restricted band, the calculation method for peak limit is same as below.  
 $68.23 \text{ dB}_{\mu\text{V/m}} = \text{EIRP} - 20 \log (d) + 104.77 = -27 - 20 \log (3) + 104.77$
5. In case of the emissions within  $\pm 75 \text{ MHz}$  from band edge of band 3, limit should be adjusted to emission mask of 15.407(4)(i).
6. According to § 15.31(o), emission levels are not reported much lower than the limits by over 20 dB.
7. The maximized peak measured value complies with the average limit, to perform an average measurement is unnecessary.

- Test plots

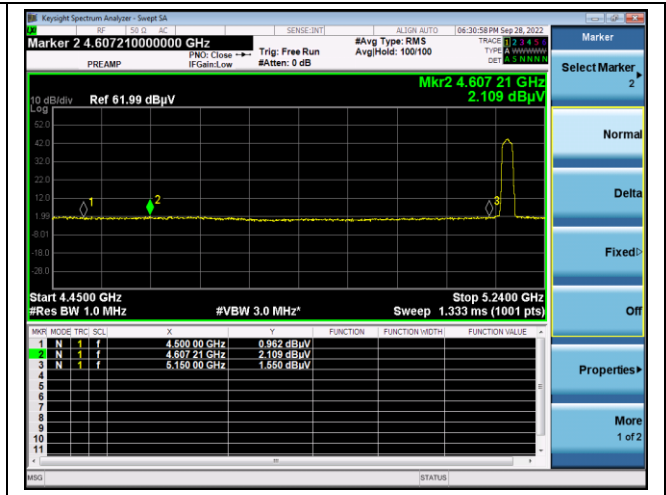
- Ant.1

802.11a

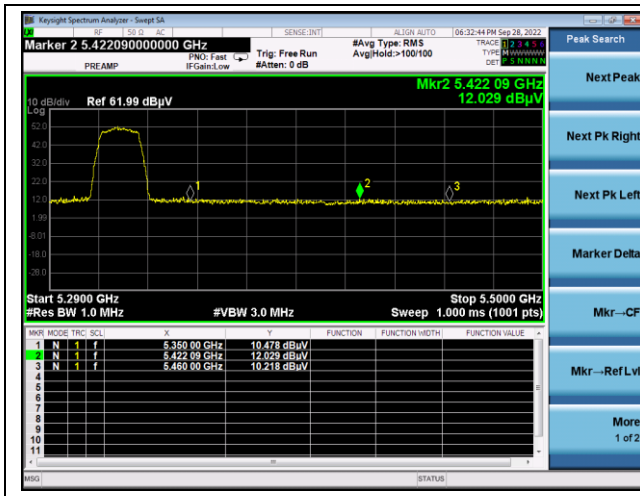
Low channel Band edge (Peak) - Band 1



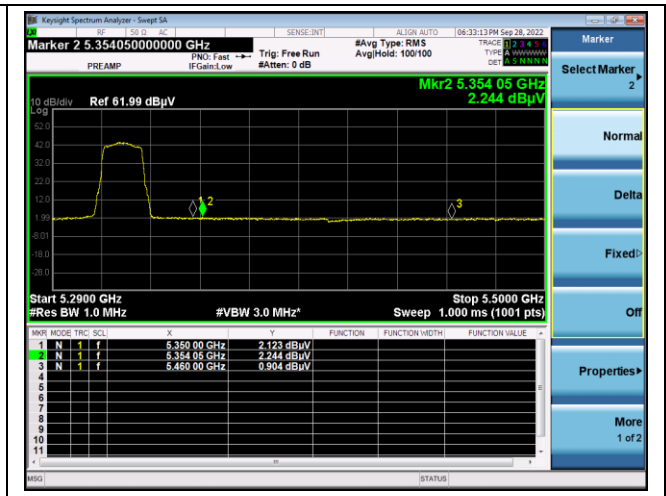
Low channel Band edge (Average) - Band 1



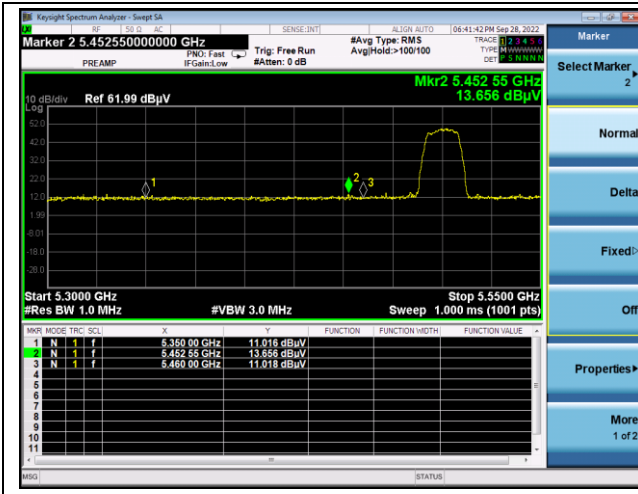
High channel Band edge (Peak) - Band 2A



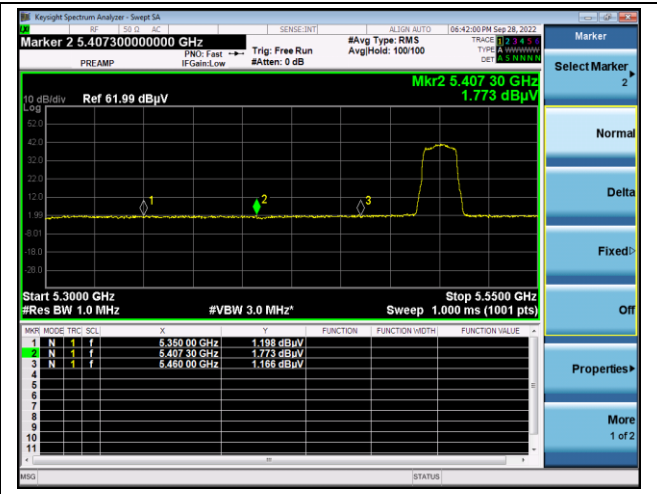
High channel Band edge (Average) - Band 2A



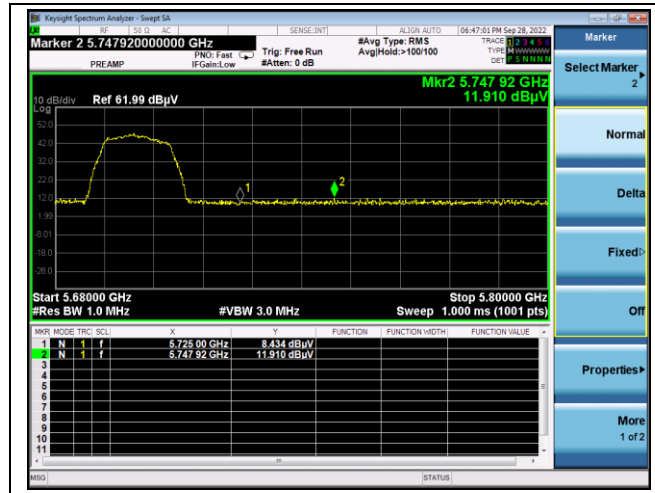
Low channel Band edge (Peak) - Band 2C



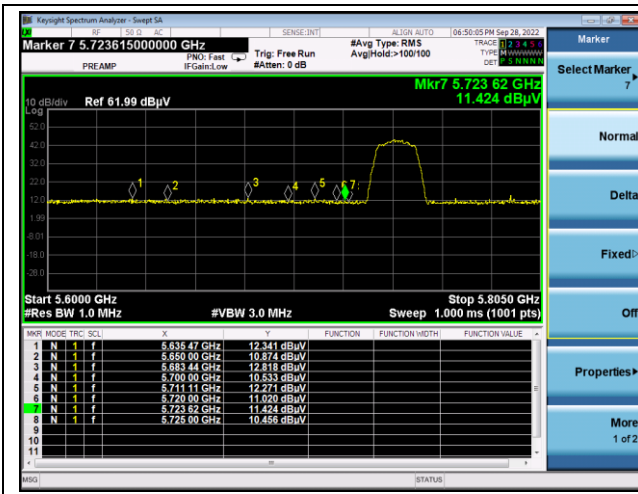
Low channel Band edge (Average) - Band 2C



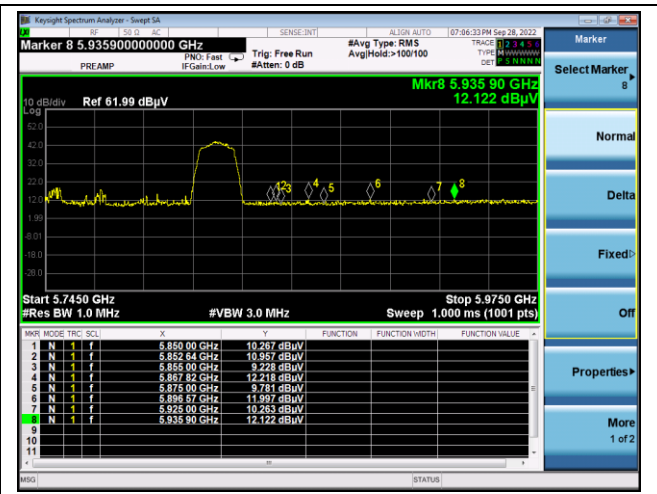
High channel Band edge (Peak) - Band 2C



Low channel Band edge (Peak) - Band 3

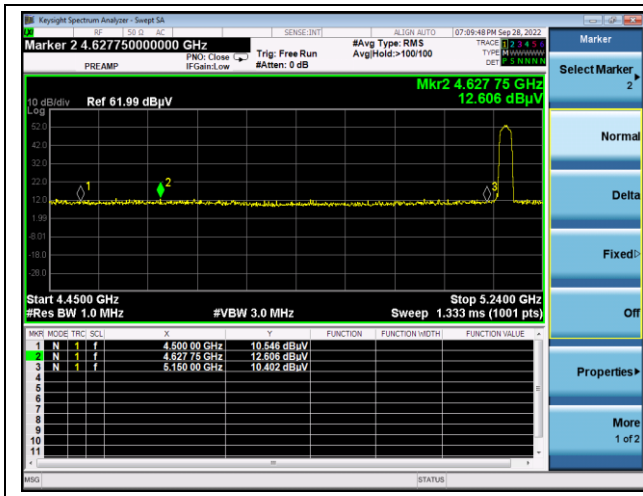


High channel Band edge (Peak) - Band 3

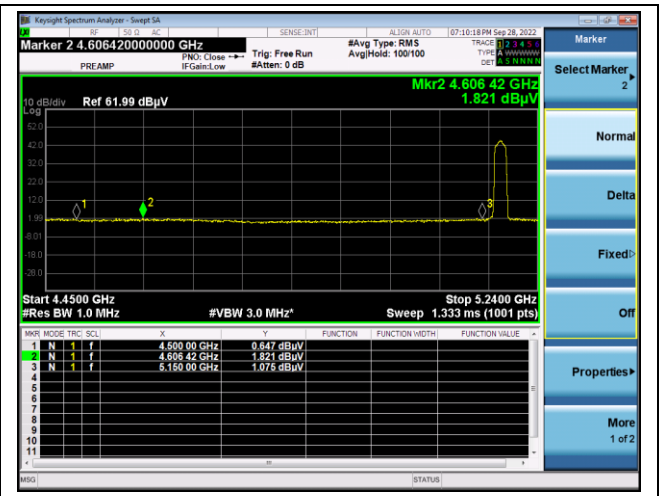


**802.11n\_HT20**

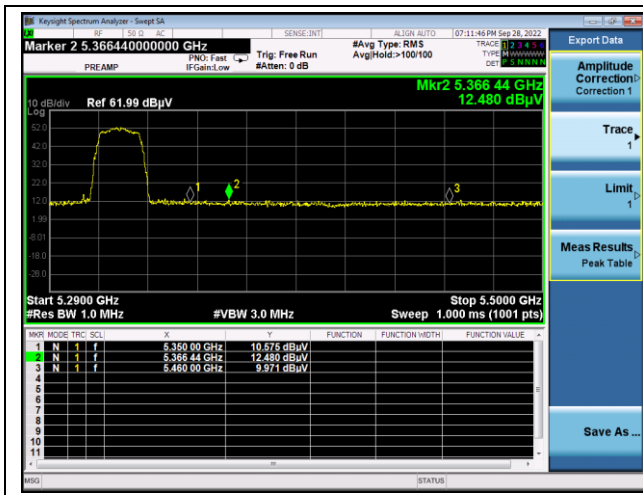
Low channel Band edge (Peak) - Band 1



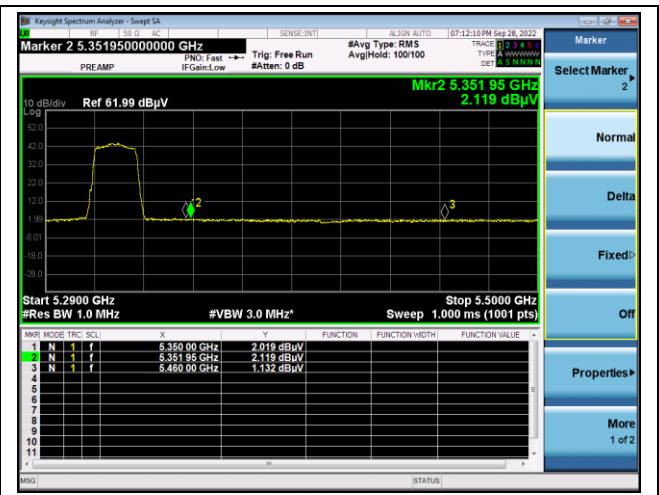
Low channel Band edge (Average) - Band 1



High channel Band edge (Peak) - Band 2A

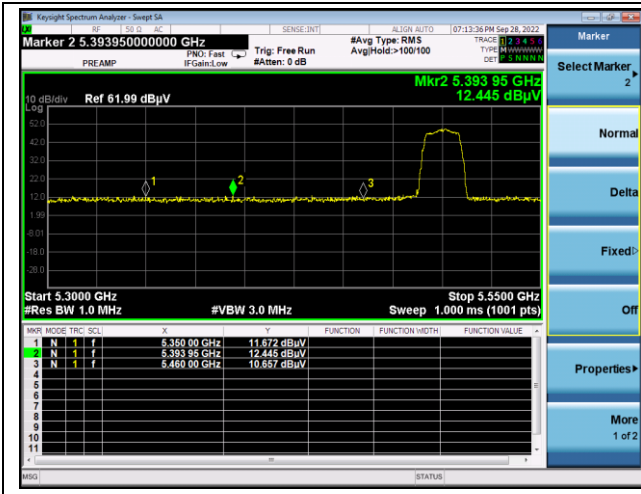


High channel Band edge (Average) - Band 2A

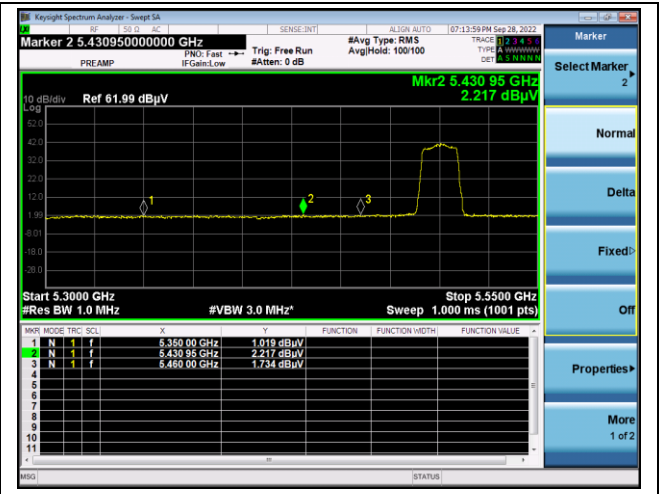




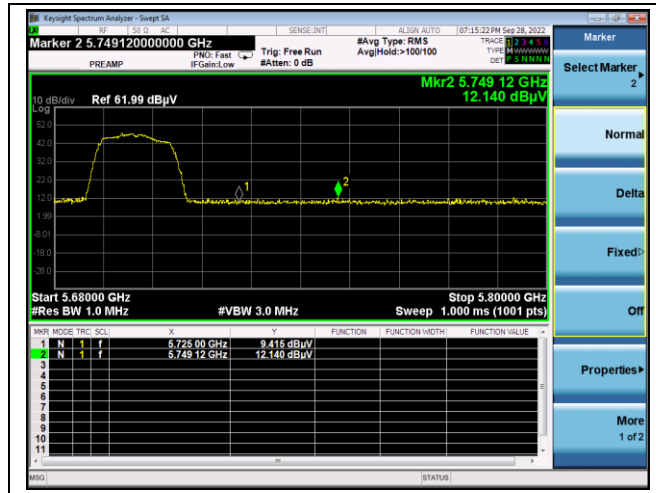
Low channel Band edge (Peak) - Band 2C



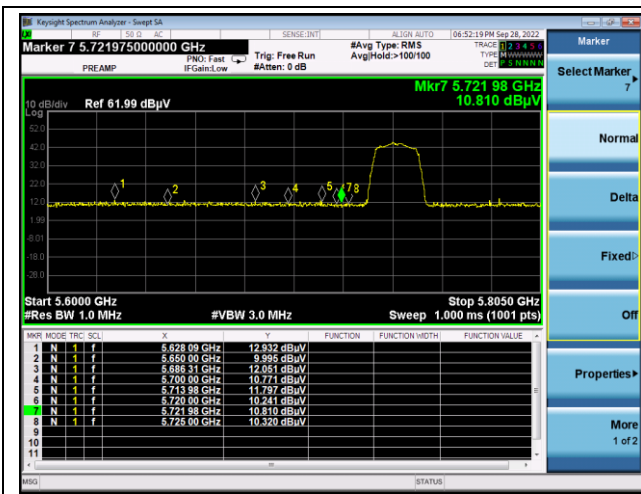
Low channel Band edge (Average) - Band 2C



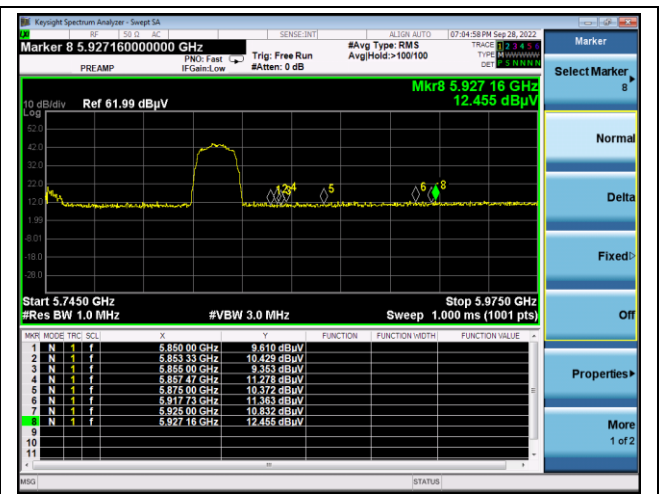
High channel Band edge (Peak) - Band 2C



Low channel Band edge (Peak) - Band 3

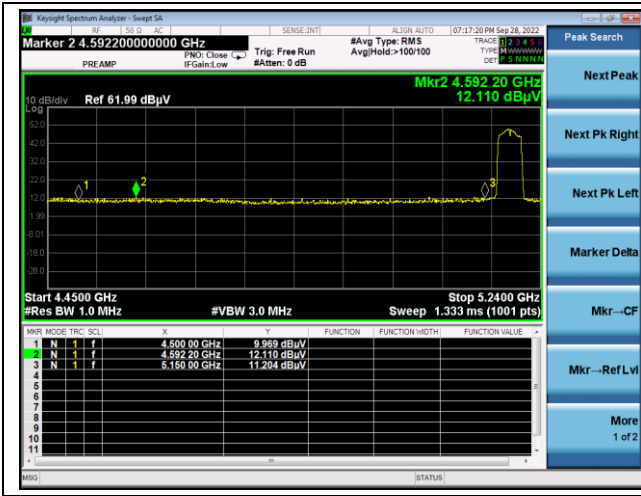


High channel Band edge (Peak) - Band 3

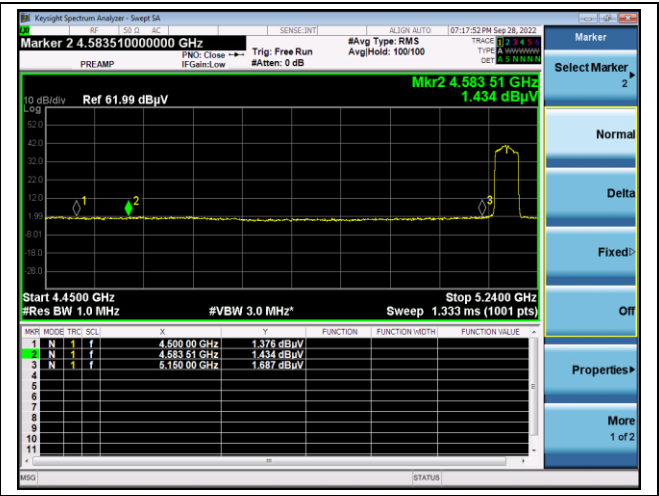


**802.11ac\_VHT40**

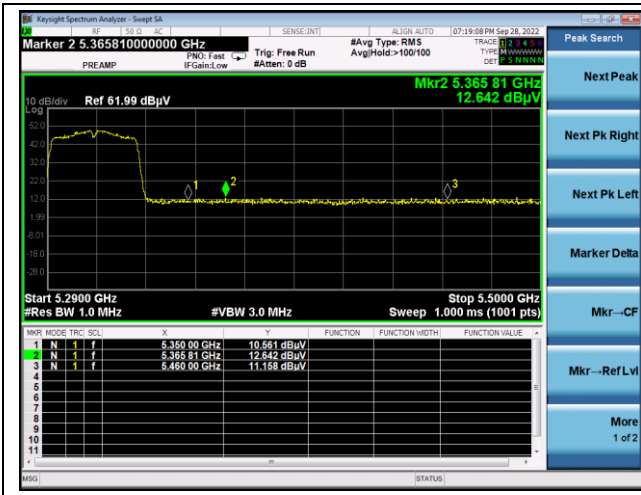
Low channel Band edge (Peak) - Band 1



Low channel Band edge (Average) - Band 1



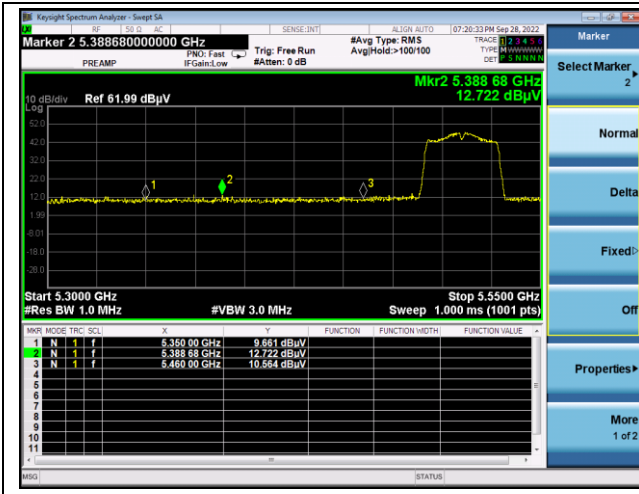
High channel Band edge (Peak) - Band 2A



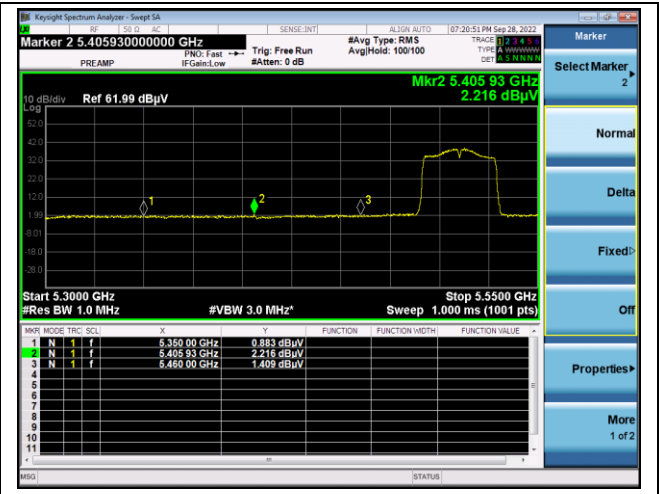
High channel Band edge (Average) - Band 2A



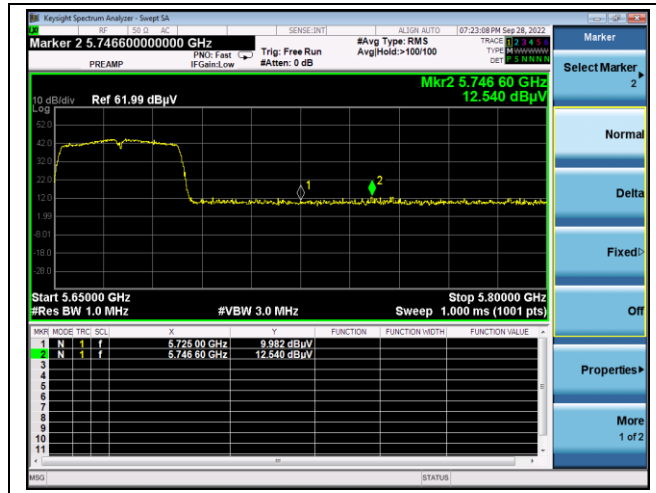
Low channel Band edge (Peak) - Band 2C



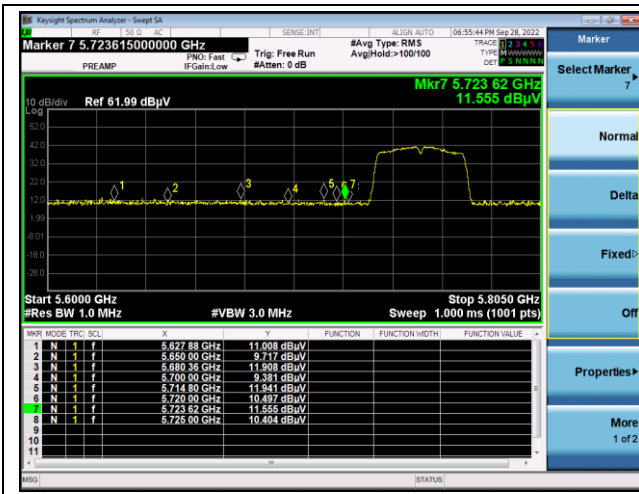
Low channel Band edge (Average) - Band 2C



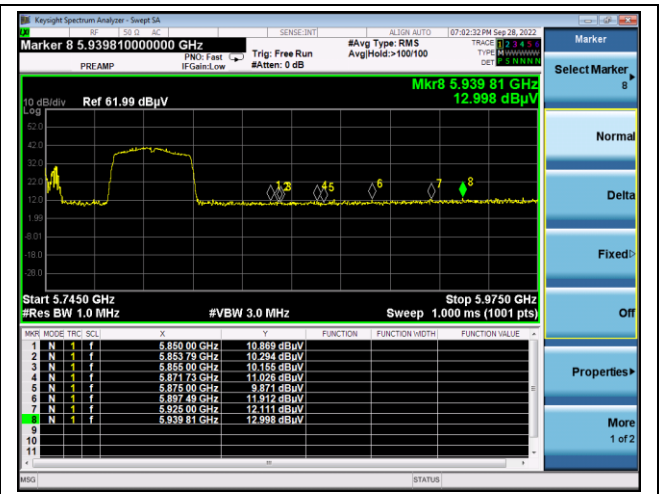
High channel Band edge (Peak) - Band 2C



Low channel Band edge (Peak) - Band 3

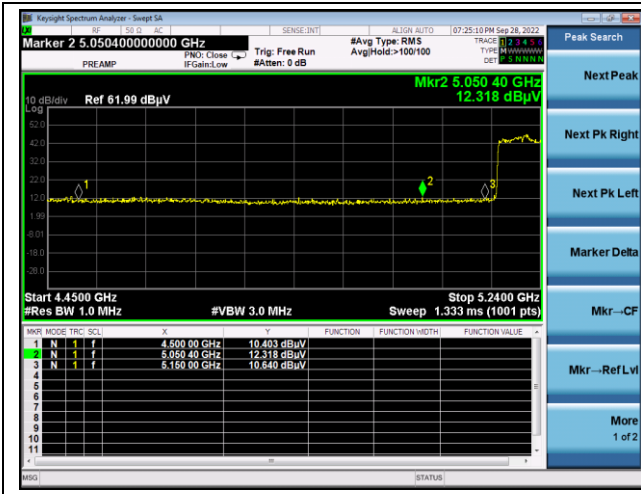


High channel Band edge (Peak) - Band 3

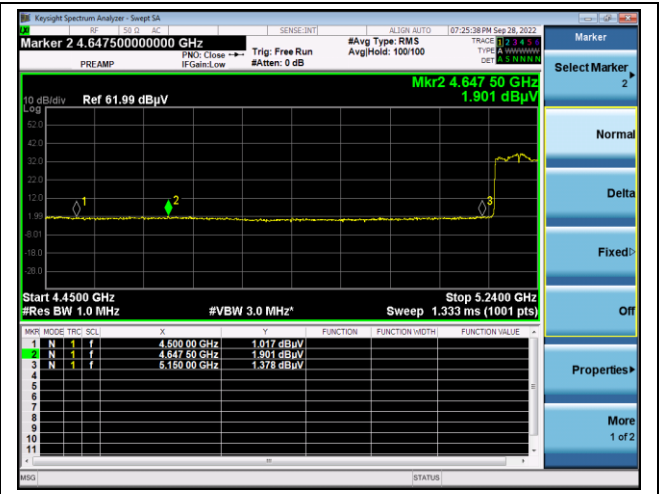


**802.11ac\_VHT80**

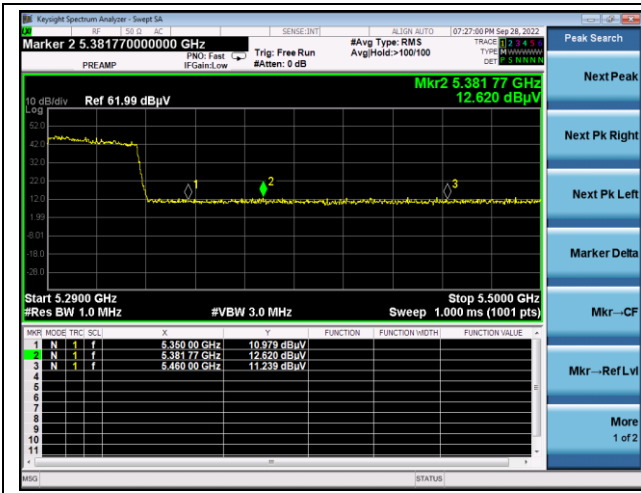
Middle channel Band edge (Peak) - Band 1



Middle channel Band edge (Average) - Band 1



Middle channel Band edge (Peak) - Band 2A



Middle channel Band edge (Average) - Band 2A

