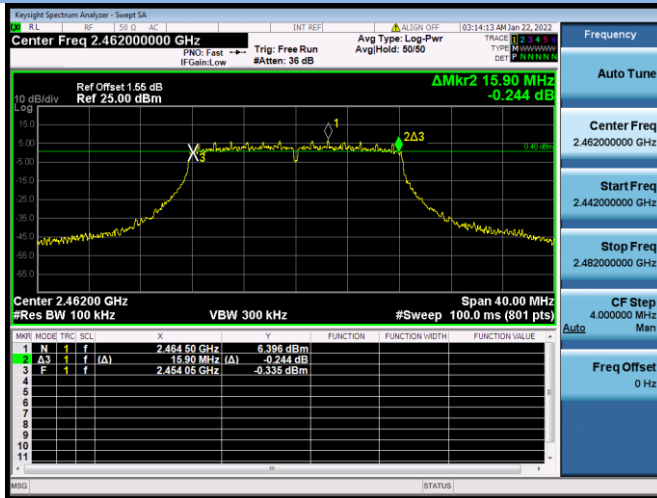
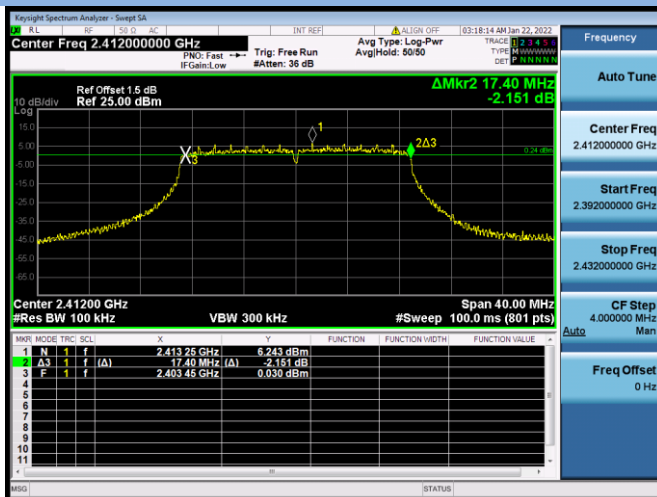


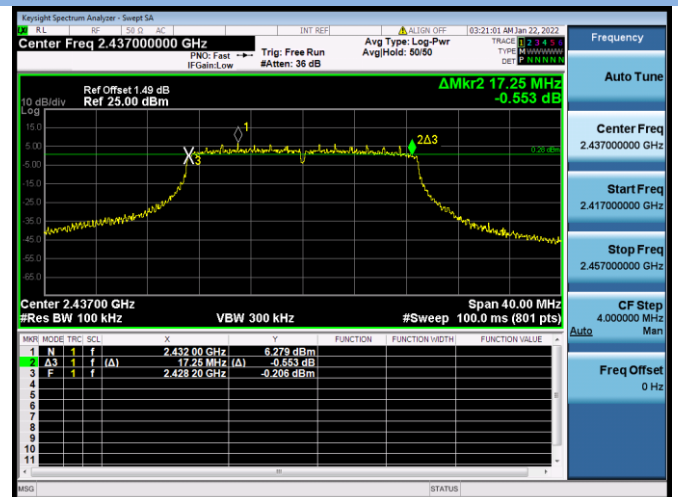
802.11g CHANNEL 11



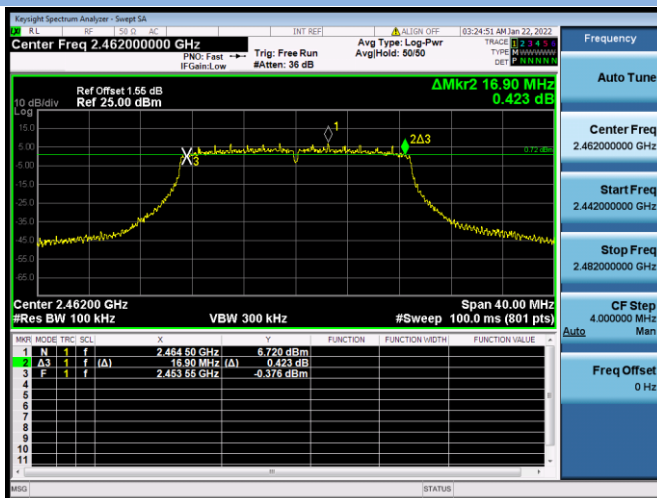
802.11n-20 MHz CHANNEL 1



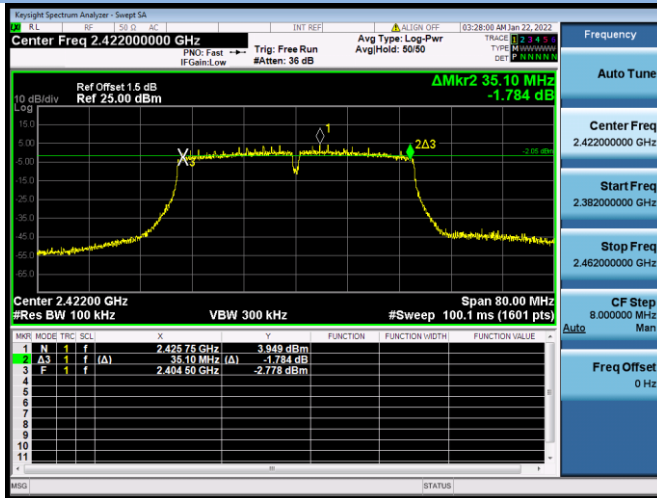
802.11n-20 MHz CHANNEL 6



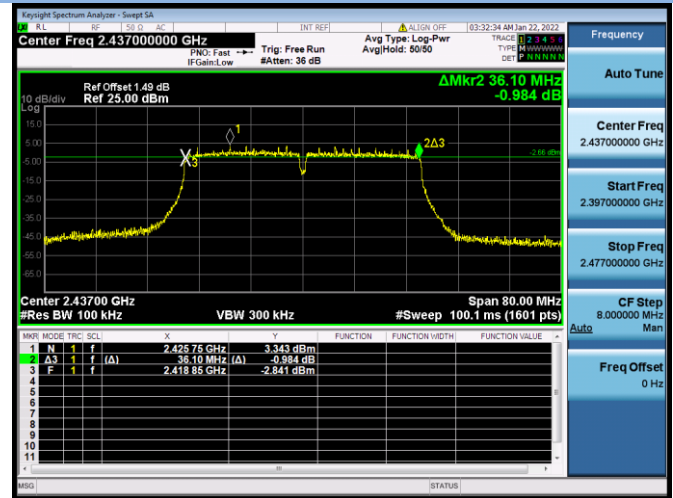
802.11n-20 MHz CHANNEL 11



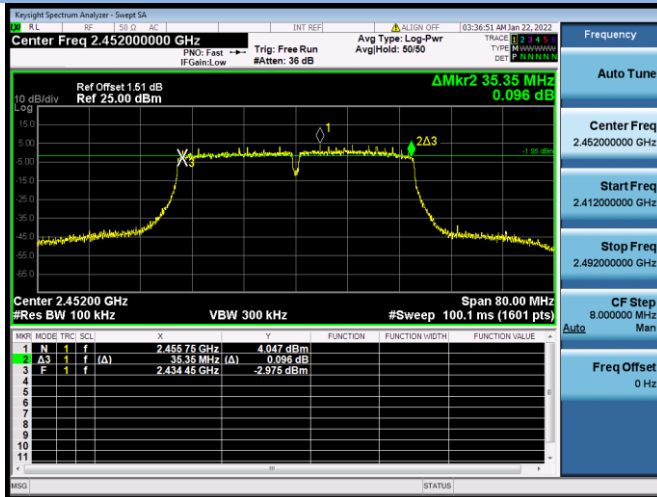
802.11n-40 MHz CHANNEL 3



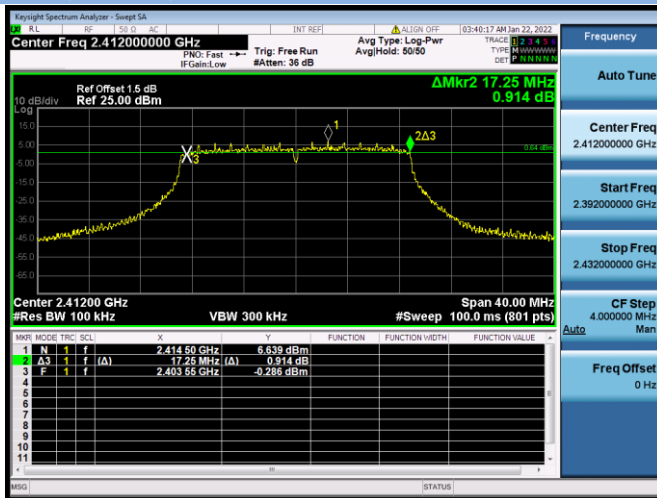
802.11n-40 MHz CHANNEL 6



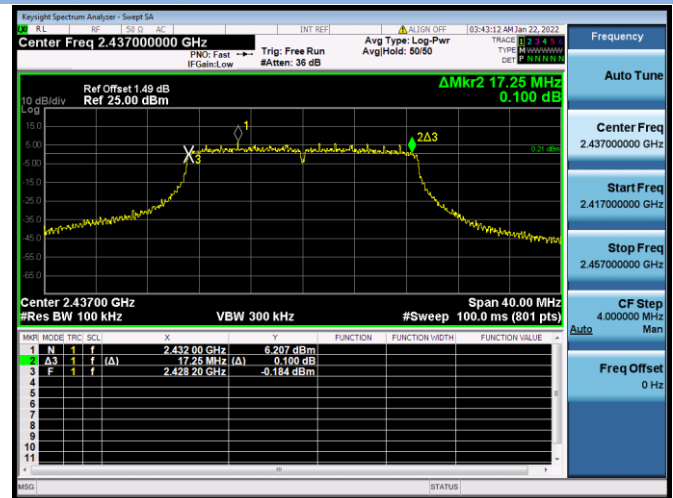
802.11n-40 MHz CHANNEL 9



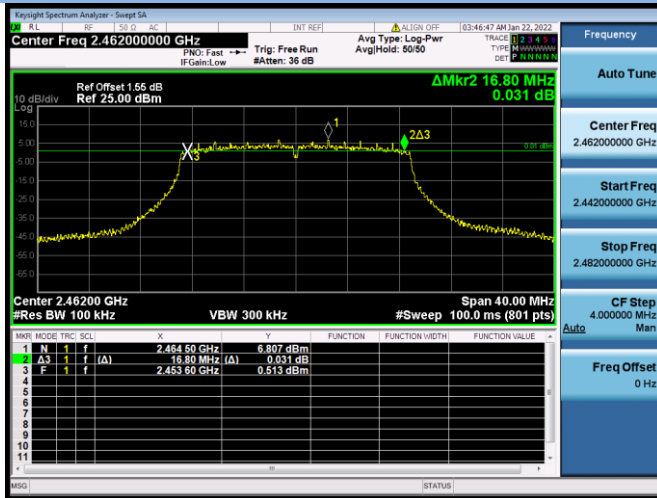
VHT(20 MHz) CHANNEL 1



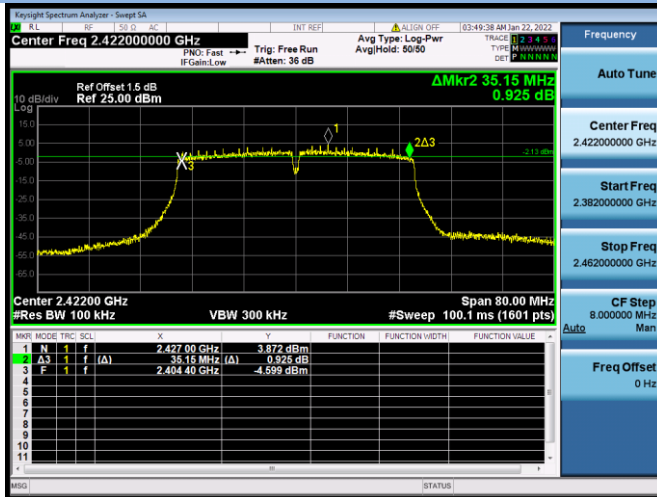
VHT(20 MHz) CHANNEL 6



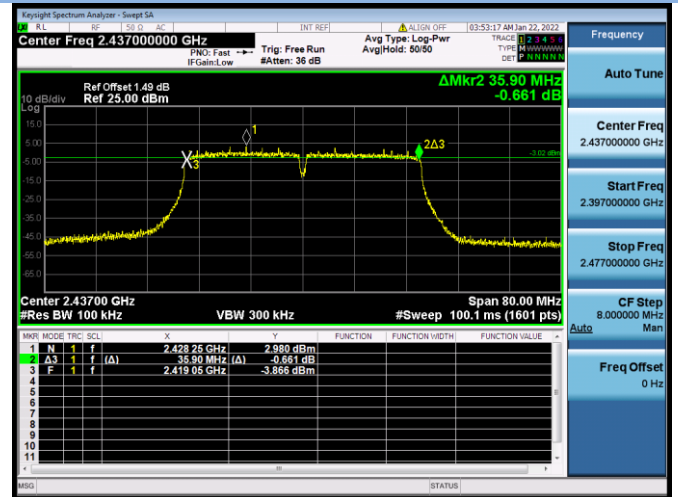
VHT(20 MHz) CHANNEL 11



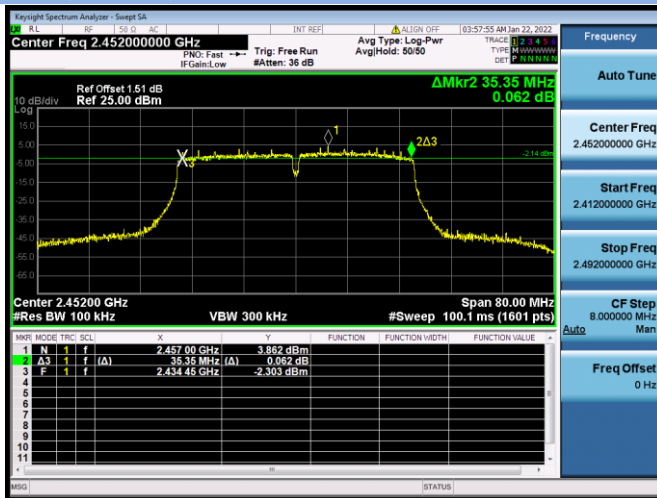
VHT(40 MHz) CHANNEL 3



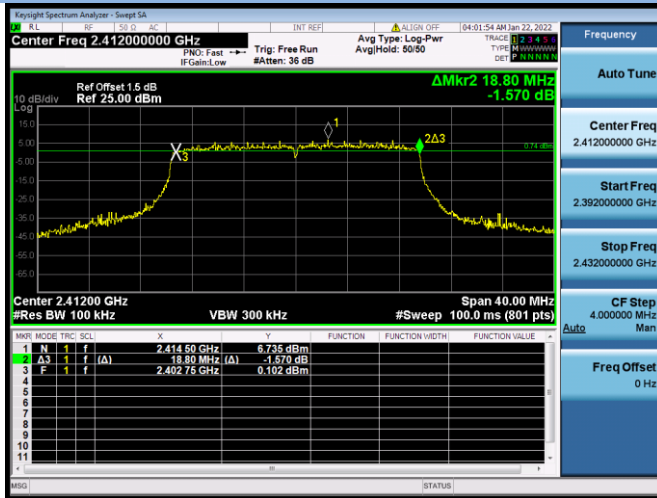
VHT(40 MHz) CHANNEL 6



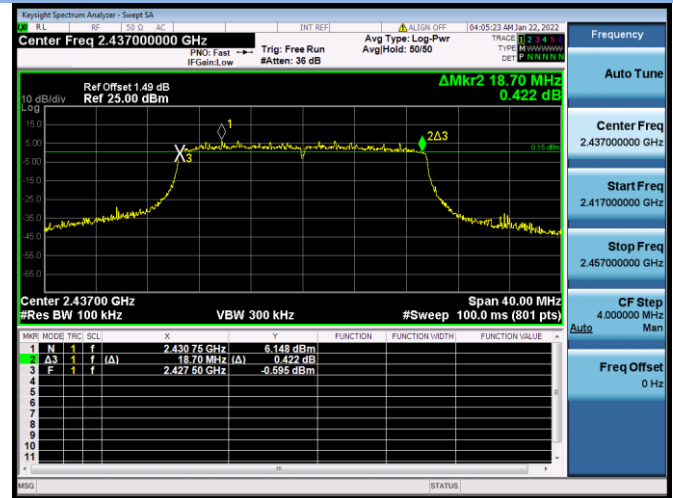
VHT(40 MHz) CHANNEL 9



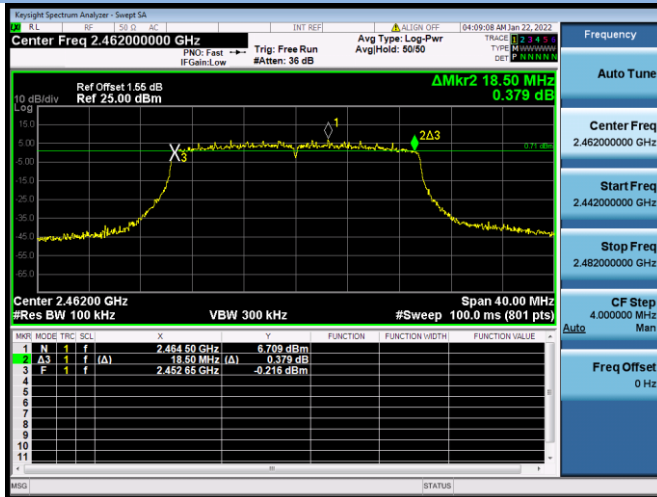
802.11ax-20 MHz CHANNEL 1



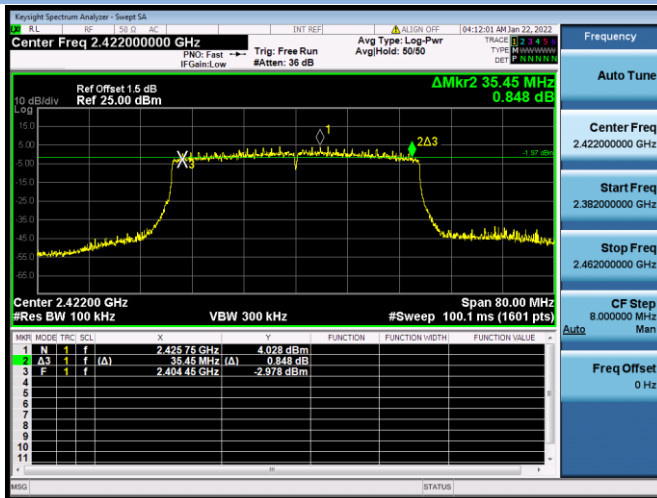
802.11ax-20 MHz CHANNEL 6



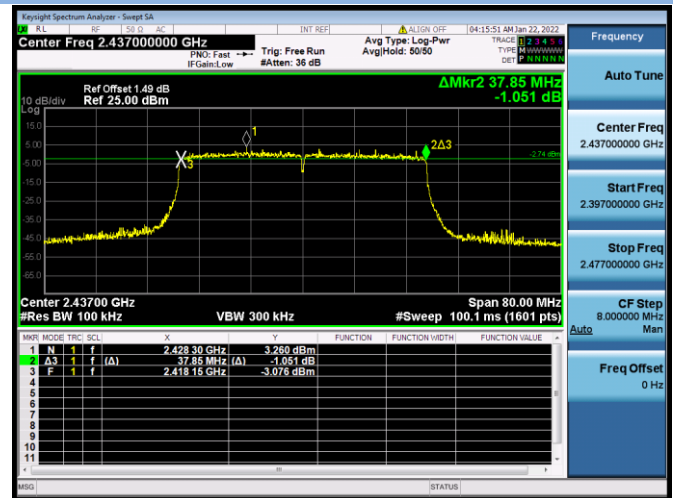
802.11ax-20 MHz CHANNEL 11



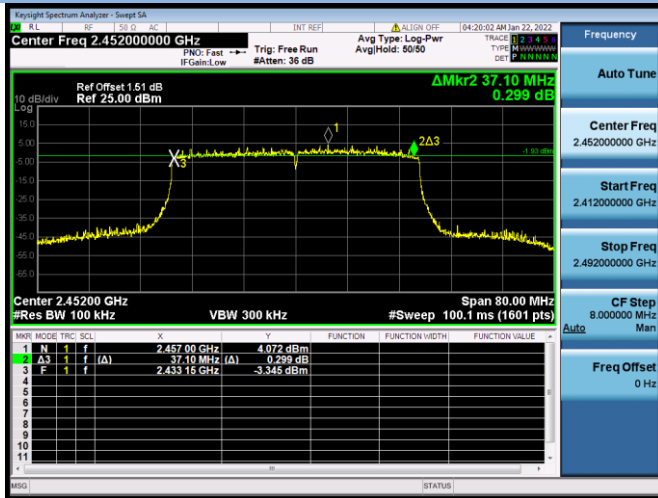
802.11ax-40 MHz CHANNEL 3



802.11ax-40 MHz CHANNEL 6

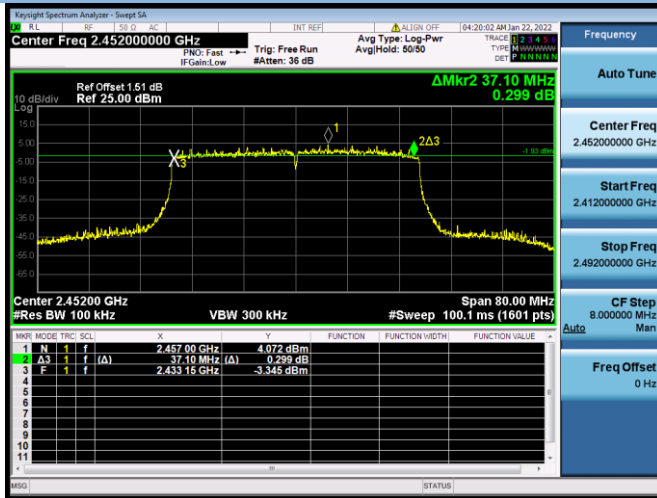


802.11ax-40 MHz CHANNEL 9



99% Bandwidth

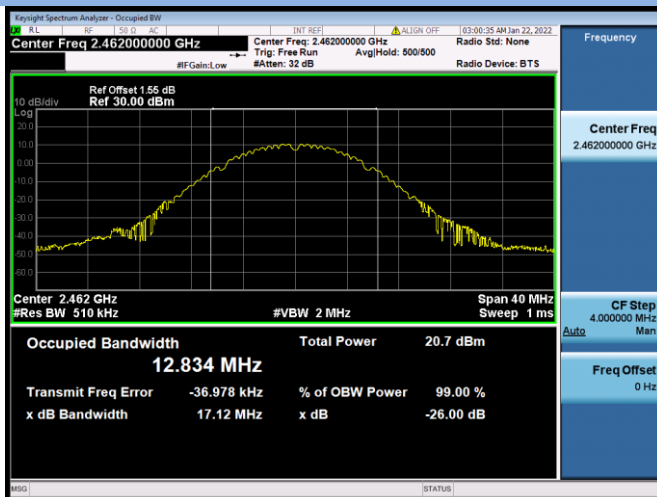
802.11b CHANNEL 1



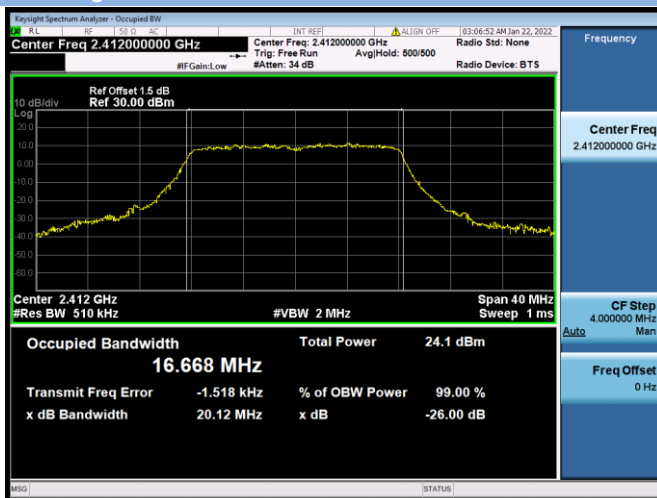
802.11b CHANNEL 6



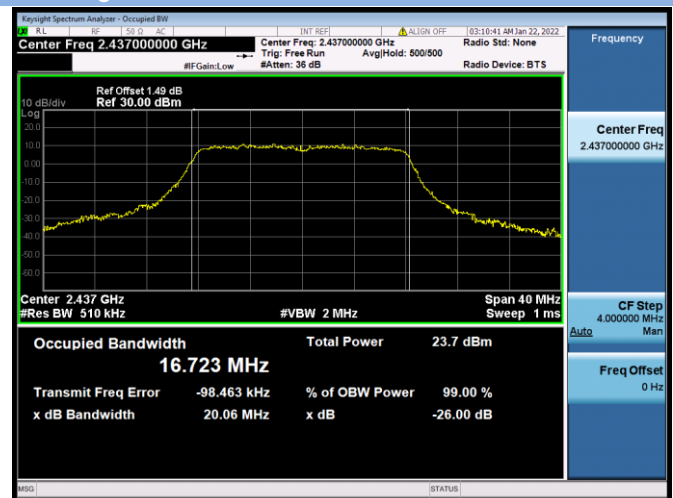
802.11b CHANNEL 11



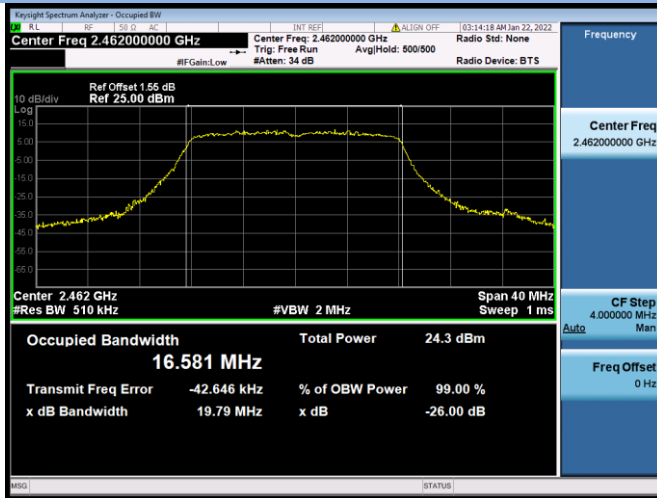
802.11g CHANNEL 1



802.11g CHANNEL 6



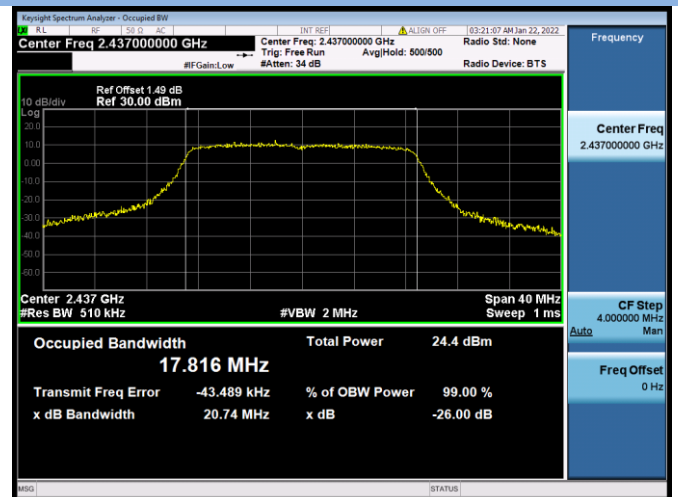
802.11g CHANNEL 11



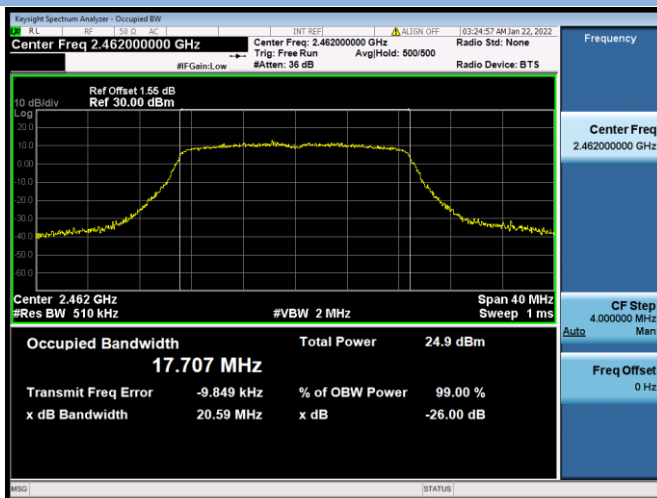
802.11n-20 MHz CHANNEL 1



802.11n-20 MHz CHANNEL 6



802.11n-20 MHz CHANNEL 11



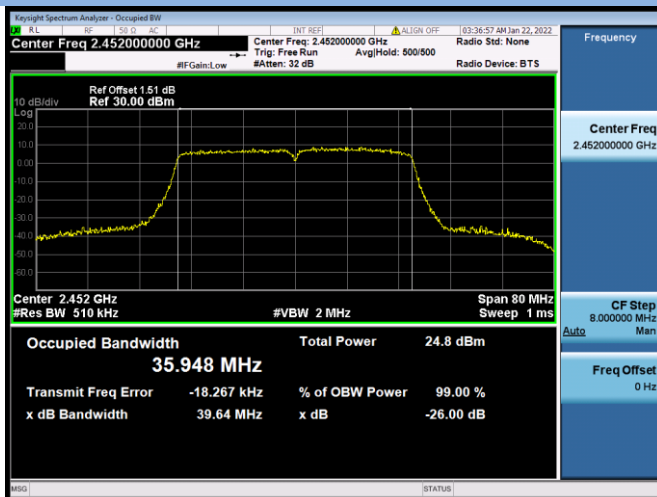
802.11n-40 MHz CHANNEL 3



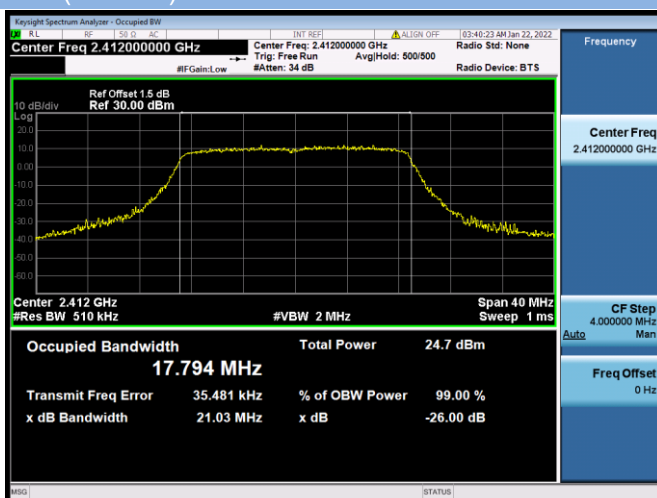
802.11n-40 MHz CHANNEL 6



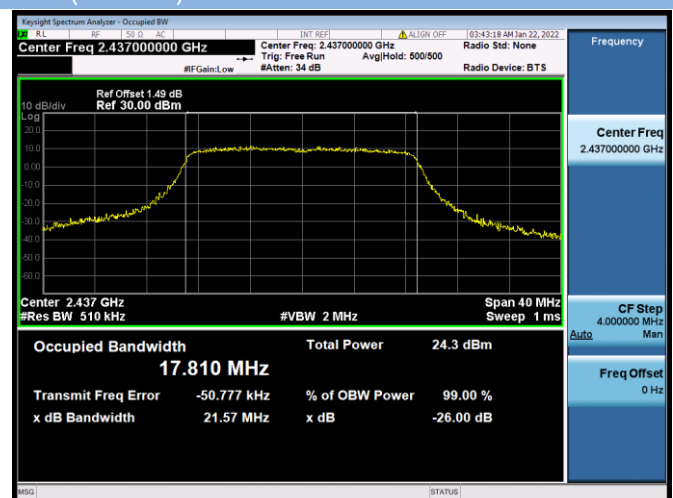
802.11n-40 MHz CHANNEL 9



VHT(20 MHz) CHANNEL 1

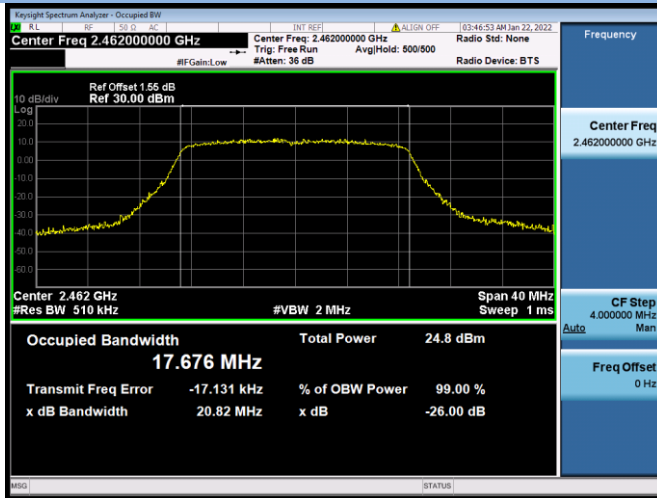


VHT(20 MHz) CHANNEL 6

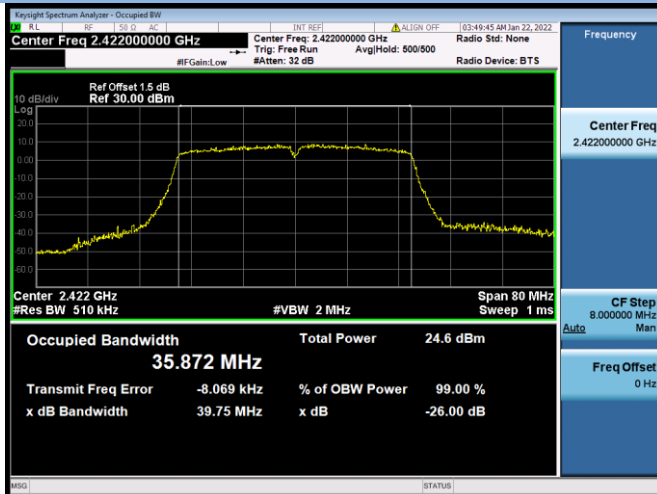




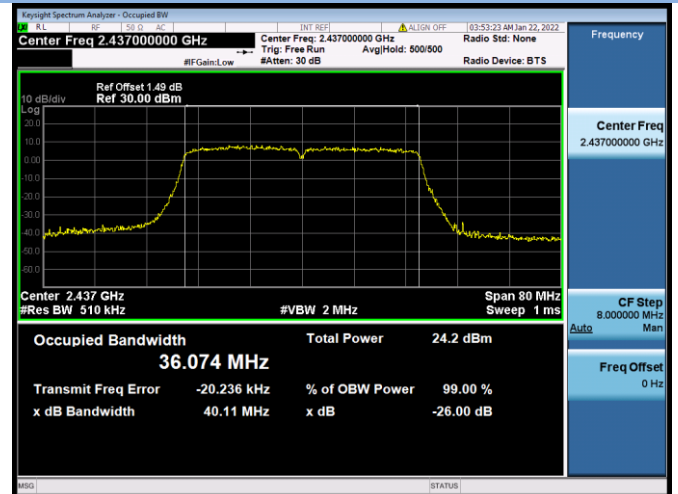
VHT(20 MHz) CHANNEL 11



VHT(40 MHz) CHANNEL 3



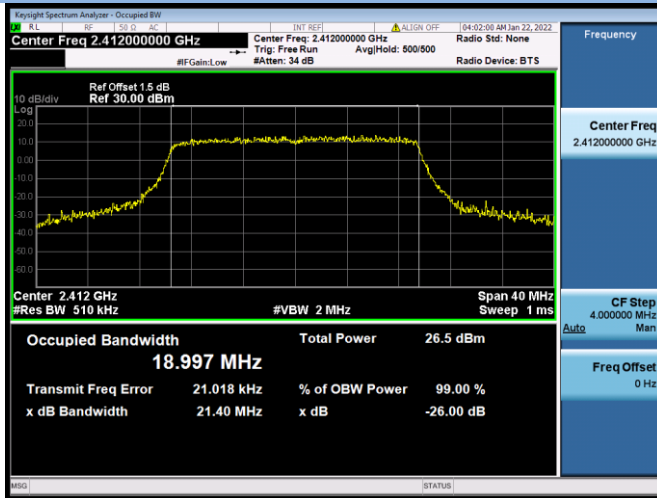
VHT(40 MHz) MHz CHANNEL 6



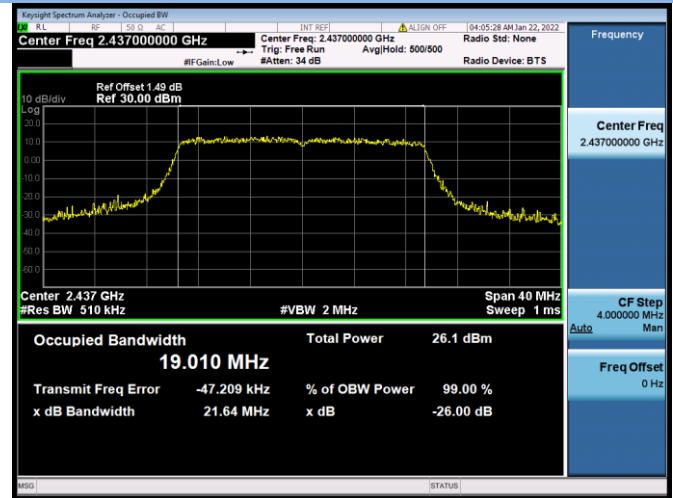
VHT(40 MHz) MHz CHANNEL 9



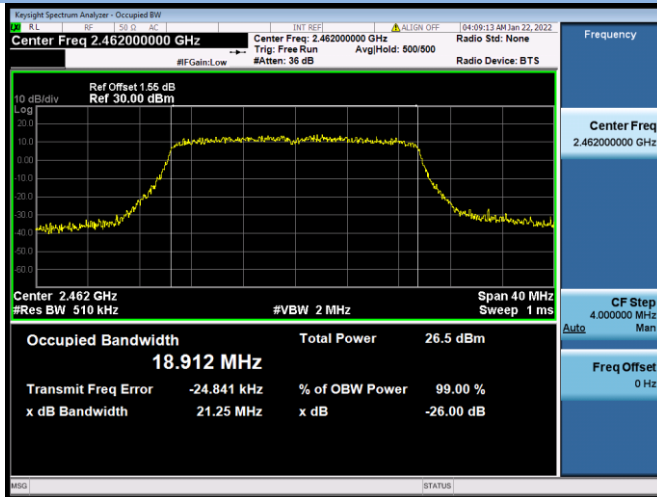
802.11ax-20 MHz CHANNEL 1



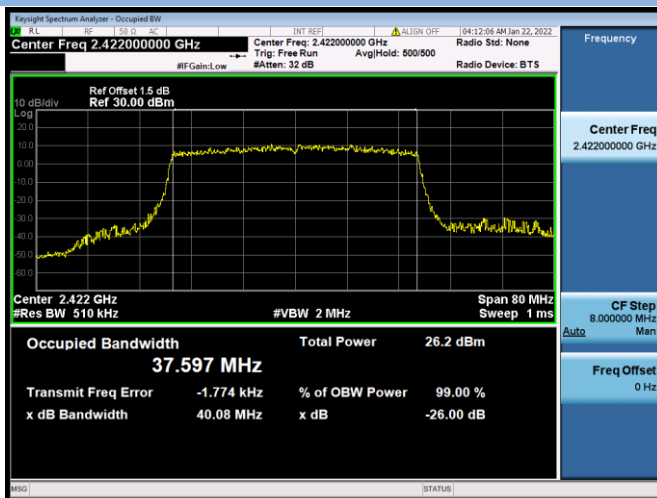
802.11ax-20 MHz CHANNEL 6



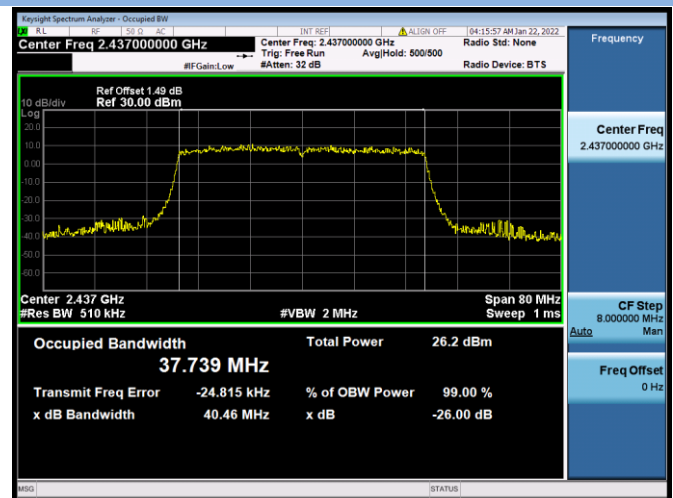
802.11ax-20 MHz CHANNEL 11



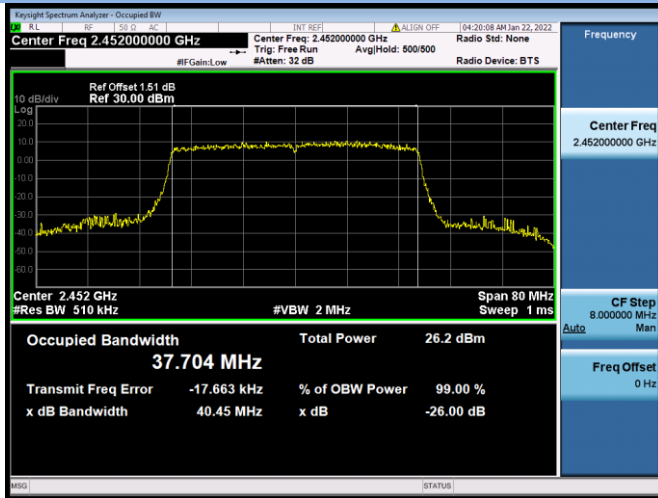
802.11ax-40 MHz CHANNEL 3



802.11ax-40 MHz CHANNEL 6



802.11ax-40 MHz CHANNEL 9



### A.3 Conducted Spurious Emissions

#### Test Data

#### Main Antenna

#### 802.11b Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-46.48	8.68	-11.32	Pass
6	-47.55	9.54	-10.46	Pass
11	-47.89	9.85	-10.15	Pass

#### 802.11g Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-46.84	6.49	-13.51	Pass
6	-47.33	6.42	-13.58	Pass
11	-47.80	6.05	-13.95	Pass

#### 802.11n-20MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-47.61	5.84	-14.16	Pass
6	-48.07	6.26	-13.74	Pass
11	-47.86	5.73	-14.27	Pass

#### 802.11n-40MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.24	2.78	-17.22	Pass
6	-48.25	1.86	-18.14	Pass
9	-46.61	2.27	-17.73	Pass

## VHT(20MHz) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.48	5.70	-14.30	Pass
6	-47.85	6.29	-13.71	Pass
11	-48.03	5.71	-14.29	Pass

## VHT(40MHz) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.50	2.84	-17.16	Pass
6	-45.41	3.26	-16.74	Pass
7	-46.49	3.30	-16.70	Pass
8	-46.82	2.21	-17.79	Pass
9	-48.38	1.12	-18.88	Pass

## 802.11ax-20MHz(SU) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-46.74	5.74	-14.26	Pass
6	-48.75	5.20	-14.80	Pass
10	-47.01	4.63	-15.37	Pass
11	-48.31	4.19	-15.81	Pass

## 802.11ax-40MHz(su) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.05	2.90	-17.10	Pass
6	-46.11	2.39	-17.61	Pass
7	-45.30	2.44	-17.56	Pass
8	-47.52	1.45	-18.55	Pass
9	-47.12	0.78	-19.22	Pass

Aux. Antenna

## 802.11b Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-47.79	8.72	-11.28	Pass
6	-47.56	9.11	-10.89	Pass
11	-49.05	9.16	-10.84	Pass

## 802.11g Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.50	6.01	-13.99	Pass
6	-48.60	5.45	-14.55	Pass
11	-48.43	6.54	-13.46	Pass

## 802.11n-20MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-46.88	6.03	-13.97	Pass
6	-46.60	6.25	-13.75	Pass
11	-48.52	6.46	-13.54	Pass

## 802.11n-40MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-47.93	4.05	-15.95	Pass
6	-47.85	4.02	-15.98	Pass
9	-47.67	3.39	-16.61	Pass

## VHT(20MHz) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.36	7.02	-12.98	Pass
6	-48.94	5.30	-14.70	Pass
11	-48.61	6.17	-13.83	Pass

## VHT(40MHz) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.07	4.03	-15.97	Pass
6	-48.15	3.84	-16.16	Pass
9	-48.18	3.47	-16.53	Pass

## 802.11ax-20MHz(SU) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-47.66	5.67	-14.33	Pass
6	-47.08	5.99	-14.01	Pass
11	-48.34	5.98	-14.02	Pass

## 802.11ax-40MHz(su) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-46.15	3.51	-16.49	Pass
6	-47.00	3.46	-16.54	Pass
9	-47.04	3.91	-16.09	Pass

**MIMO-Main Antenna**
**802.11b Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.59	9.50	-10.50	Pass
6	-48.84	8.44	-11.56	Pass
11	-48.42	8.23	-11.77	Pass

**802.11g Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-46.30	6.45	-13.55	Pass
6	-48.35	5.84	-14.16	Pass
11	-45.78	6.11	-13.89	Pass

**802.11n-20MHz Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.49	5.88	-14.12	Pass
6	-46.63	5.74	-14.26	Pass
11	-48.48	5.61	-14.39	Pass

**802.11n-40MHz Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.27	2.23	-17.77	Pass
4	-48.39	3.14	-16.86	Pass
6	-47.68	3.06	-16.94	Pass
8	-48.64	3.24	-16.76	Pass
9	-48.52	2.38	-17.62	Pass

**VHT(20MHz) Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.21	5.36	-14.64	Pass
6	-49.36	5.99	-14.01	Pass
11	-48.37	5.56	-14.44	Pass



## VHT(40MHz) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.17	1.22	-18.78	Pass
4	-48.91	2.41	-17.59	Pass
6	-48.77	3.15	-16.85	Pass
7	-48.61	3.38	-16.62	Pass
8	-48.45	2.45	-17.55	Pass
9	-48.65	2.18	-17.82	Pass

## 802.11ax-20MHz(SU) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.61	6.44	-13.56	Pass
6	-48.60	6.17	-13.83	Pass
10	-47.71	6.21	-13.79	Pass
11	-48.34	4.57	-15.43	Pass

## 802.11ax-40MHz(su) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.28	2.29	-17.71	Pass
4	-48.17	2.86	-17.14	Pass
6	-48.26	2.88	-17.12	Pass
7	-45.81	3.32	-16.68	Pass
8	-47.86	2.46	-17.54	Pass
9	-46.12	0.49	-19.51	Pass

**MIMO-Aux. Antenna**
**802.11b Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.59	8.30	-11.70	Pass
6	-48.23	8.21	-11.79	Pass
11	-47.75	9.71	-10.29	Pass

**802.11g Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-47.27	6.55	-13.45	Pass
6	-48.54	5.82	-14.18	Pass
11	-48.80	6.08	-13.92	Pass

**802.11n-20MHz Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.64	5.54	-14.46	Pass
6	-48.94	5.78	-14.22	Pass
11	-48.60	5.27	-14.73	Pass

**802.11n-40MHz Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.18	2.59	-17.41	Pass
4	-45.69	3.60	-16.40	Pass
6	-48.49	2.90	-17.10	Pass
8	-47.31	2.99	-17.01	Pass
9	-48.54	2.07	-17.93	Pass

**VHT(20MHz) Mode:**

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.05	5.99	-14.01	Pass
6	-48.01	4.94	-15.06	Pass
11	-47.34	5.87	-14.13	Pass

## VHT(40MHz) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-47.86	2.54	-17.46	Pass
4	-48.70	3.44	-16.56	Pass
6	-48.67	3.33	-16.67	Pass
7	-47.99	3.48	-16.52	Pass
8	-47.00	1.83	-18.17	Pass
9	-48.52	2.27	-17.73	Pass

## 802.11ax-20MHz(SU) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-48.37	6.90	-13.10	Pass
6	-47.83	4.58	-15.42	Pass
10	-48.39	5.54	-14.46	Pass
11	-48.48	5.09	-14.91	Pass

## 802.11ax-40MHz(su) Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.73	2.09	-17.91	Pass
4	-46.80	2.98	-17.02	Pass
6	-46.47	0.66	-19.34	Pass
7	-47.87	3.28	-16.72	Pass
8	-48.93	1.96	-18.04	Pass
9	-48.54	1.66	-18.34	Pass