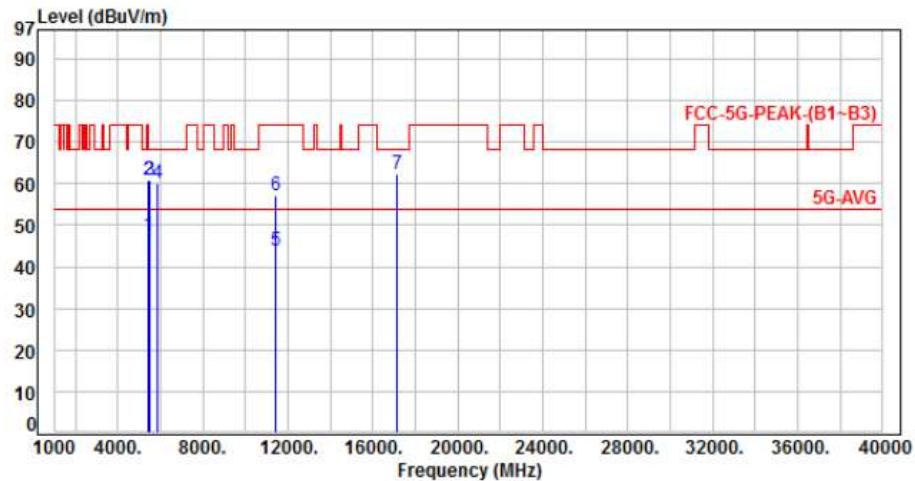




Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 3 Straddle Channel, CH144		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.54	40.91	47.45	54.00	-6.55	Average	100	337	P
2	5460.00	6.54	54.32	60.86	74.00	-13.14	Peak	100	337	P
3	5470.00	6.58	54.27	60.85	68.20	-7.35	Peak	100	337	P
4	5850.00	6.61	53.48	60.09	68.20	-8.11	Peak	100	337	P
5	11440.00	14.48	29.34	43.82	54.00	-10.18	Average	100	282	P
6	11440.00	14.48	42.82	57.30	74.00	-16.70	Peak	100	282	P
7	17160.00	19.62	42.85	62.47	68.20	-5.73	Peak	100	185	P

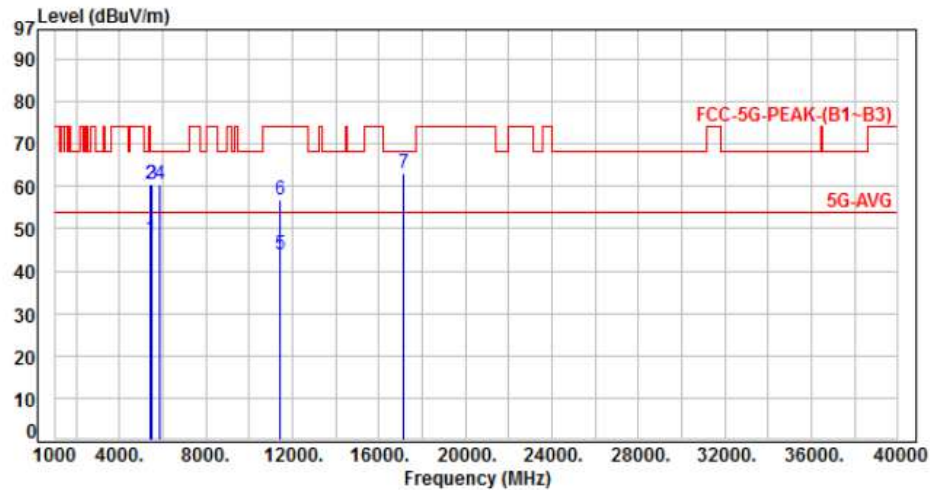
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 3 Straddle Channel, CH144		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.54	41.10	47.64	54.00	-6.36	Average	100	10	P
2	5460.00	6.54	53.80	60.34	74.00	-13.66	Peak	100	10	P
3	5470.00	6.58	54.06	60.64	68.20	-7.56	Peak	100	10	P
4	5850.00	6.61	53.90	60.51	68.20	-7.69	Peak	100	10	P
5	11440.00	14.48	29.47	43.95	54.00	-10.05	Average	100	47	P
6	11440.00	14.48	42.19	56.67	74.00	-17.33	Peak	100	47	P
7	17160.00	19.62	43.28	62.90	68.20	-5.30	Peak	100	125	P

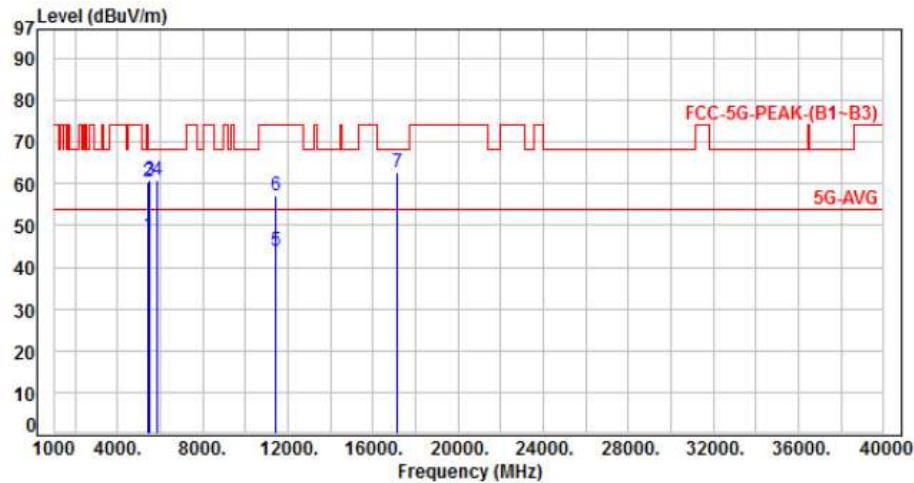
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 3 Straddle Channel, CH144		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.54	40.93	47.47	54.00	-6.53	Average	100	338	P
2	5460.00	6.54	53.80	60.34	74.00	-13.66	Peak	100	338	P
3	5470.00	6.58	54.32	60.90	68.20	-7.30	Peak	100	338	P
4	5850.00	6.61	54.38	60.99	68.20	-7.21	Peak	100	338	P
5	11440.00	14.48	29.35	43.83	54.00	-10.17	Average	100	356	P
6	11440.00	14.48	42.56	57.04	74.00	-16.96	Peak	100	356	P
7	17160.00	19.62	42.97	62.59	68.20	-5.61	Peak	100	97	P

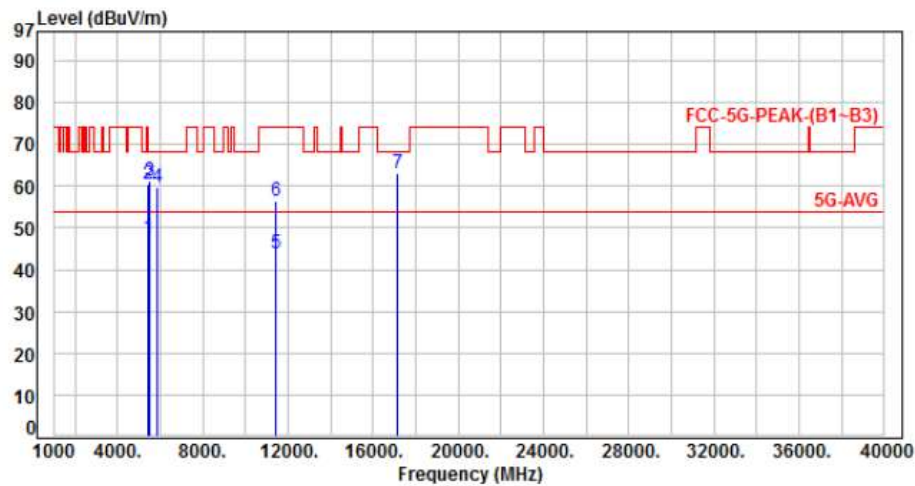
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 2, Band 3 Straddle Channel, CH144		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.54	41.17	47.71	54.00	-6.29	Average	100	15	P
2	5460.00	6.54	53.91	60.45	74.00	-13.55	Peak	100	15	P
3	5470.00	6.58	54.52	61.10	68.20	-7.10	Peak	100	15	P
4	5850.00	6.61	53.20	59.81	68.20	-8.39	Peak	100	15	P
5	11440.00	14.48	29.26	43.74	54.00	-10.26	Average	100	29	P
6	11440.00	14.48	42.13	56.61	74.00	-17.39	Peak	100	29	P
7	17160.00	19.62	43.40	63.02	68.20	-5.18	Peak	100	176	P

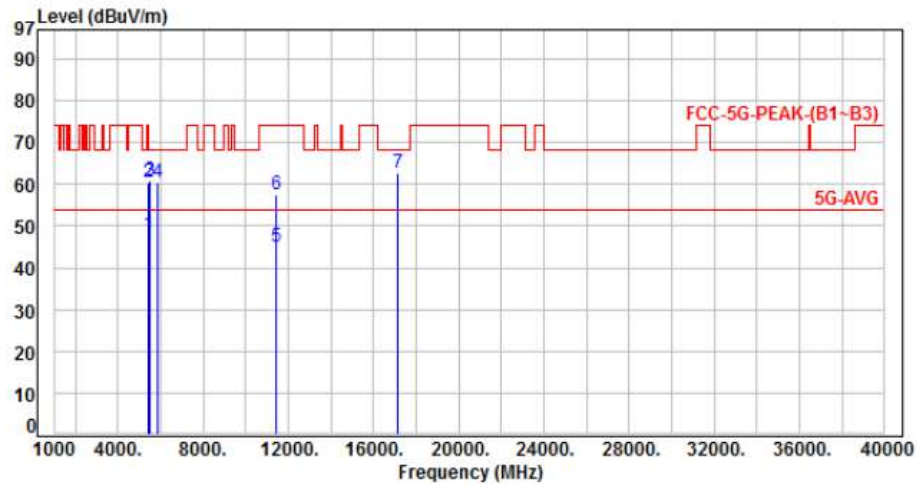
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 3 Straddle Channel, CH142		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.54	41.39	47.93	54.00	-6.07	Average	100	193	P
2	5460.00	6.54	54.02	60.56	74.00	-13.44	Peak	100	193	P
3	5470.00	6.58	54.31	60.89	68.20	-7.31	Peak	100	193	P
4	5850.00	6.61	53.92	60.53	68.20	-7.67	Peak	100	193	P
5	11420.00	14.43	30.43	44.86	54.00	-9.14	Average	100	343	P
6	11420.00	14.43	42.92	57.35	74.00	-16.65	Peak	100	343	P
7	17130.00	19.46	43.08	62.54	68.20	-5.66	Peak	100	289	P

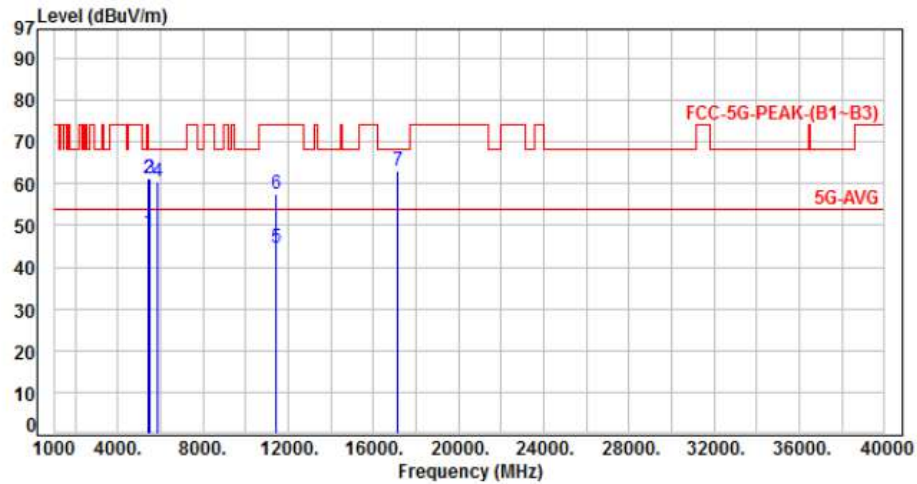
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 3, Band 3 Straddle Channel, CH142		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.54	41.65	48.19	54.00	-5.81	Average	100	65	P
2	5460.00	6.54	54.52	61.06	74.00	-12.94	Peak	100	65	P
3	5470.00	6.58	54.64	61.22	68.20	-6.98	Peak	100	65	P
4	5850.00	6.61	53.74	60.35	68.20	-7.85	Peak	100	65	P
5	11420.00	14.43	30.22	44.65	54.00	-9.35	Average	100	103	P
6	11420.00	14.43	43.03	57.46	74.00	-16.54	Peak	100	103	P
7	17130.00	19.46	43.58	63.04	68.20	-5.16	Peak	100	58	P

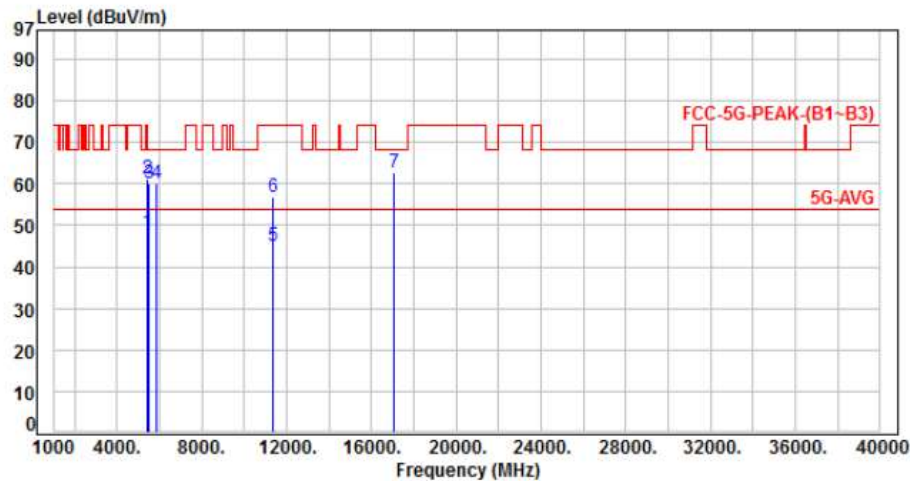
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3 Straddle Channel, CH138		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.54	41.85	48.39	54.00	-5.61	Average	100	348	P
2	5460.00	6.54	54.81	61.35	74.00	-12.65	Peak	100	348	P
3	5470.00	6.58	53.47	60.05	68.20	-8.15	Peak	100	348	P
4	5850.00	6.61	53.51	60.12	68.20	-8.08	Peak	100	348	P
5	11380.00	14.36	30.78	45.14	54.00	-8.86	Average	100	158	P
6	11380.00	14.36	42.48	56.84	74.00	-17.16	Peak	100	158	P
7	17070.00	19.20	43.58	62.78	68.20	-5.42	Peak	100	158	P

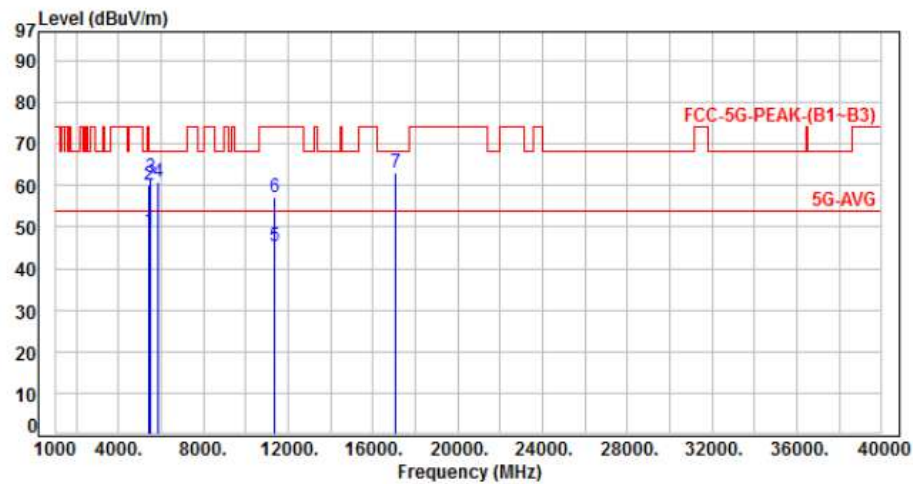
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 3 Straddle Channel, CH138		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.54	42.40	48.94	54.00	-5.06	Average	100	43	P
2	5460.00	6.54	53.59	60.13	74.00	-13.87	Peak	100	43	P
3	5470.00	6.58	55.20	61.78	68.20	-6.42	Peak	100	43	P
4	5850.00	6.61	54.42	61.03	68.20	-7.17	Peak	100	43	P
5	11380.00	14.36	31.11	45.47	54.00	-8.53	Average	100	111	P
6	11380.00	14.36	42.67	57.03	74.00	-16.97	Peak	100	111	P
7	17070.00	19.20	43.87	63.07	68.20	-5.13	Peak	100	87	P

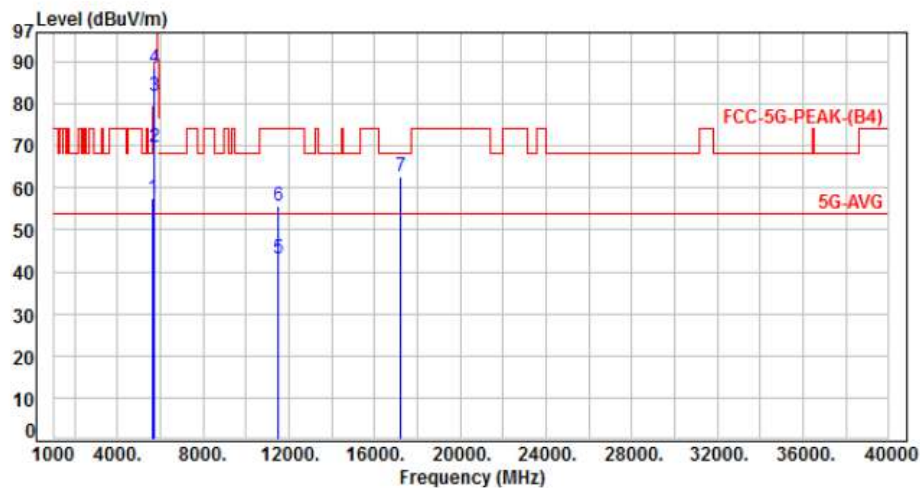
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 4, CH149		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	51.11	57.57	68.20	-10.63	Peak	100	60	P
2	5700.00	6.50	63.06	69.56	105.20	-35.64	Peak	100	60	P
3	5720.00	6.51	75.27	81.78	110.80	-29.02	Peak	100	60	P
4	5725.00	6.52	81.82	88.34	122.20	-33.86	Peak	100	60	P
5	11490.00	14.61	28.69	43.30	54.00	-10.70	Average	100	146	P
6	11490.00	14.61	41.20	55.81	74.00	-18.19	Peak	100	146	P
7	17235.00	20.06	42.65	62.71	68.20	-5.49	Peak	100	103	P

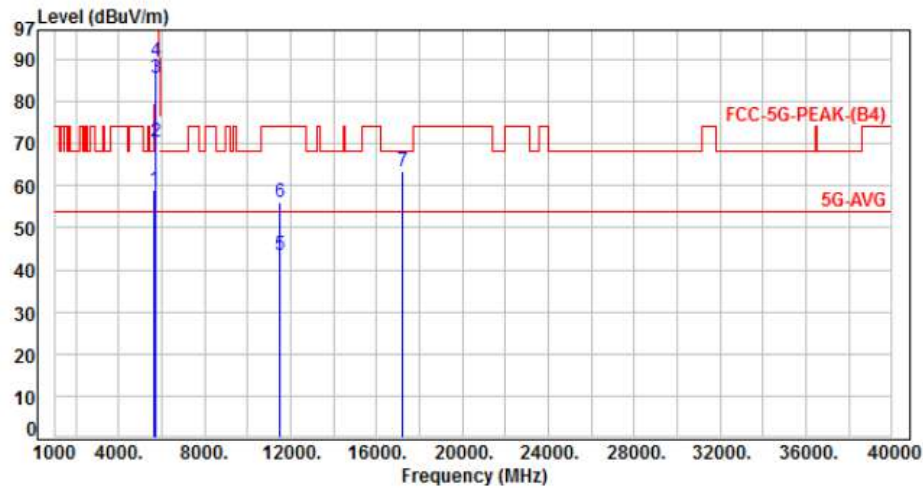
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 4, CH149		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	52.71	59.17	68.20	-9.03	Peak	100	48	P
2	5700.00	6.50	63.97	70.47	105.20	-34.73	Peak	100	48	P
3	5720.00	6.51	79.17	85.68	110.80	-25.12	Peak	100	48	P
4	5725.00	6.52	83.04	89.56	122.20	-32.64	Peak	100	48	P
5	11490.00	14.61	28.95	43.56	54.00	-10.44	Average	100	124	P
6	11490.00	14.61	41.45	56.06	74.00	-17.94	Peak	100	124	P
7	17235.00	20.06	43.50	63.56	68.20	-4.64	Peak	100	72	P

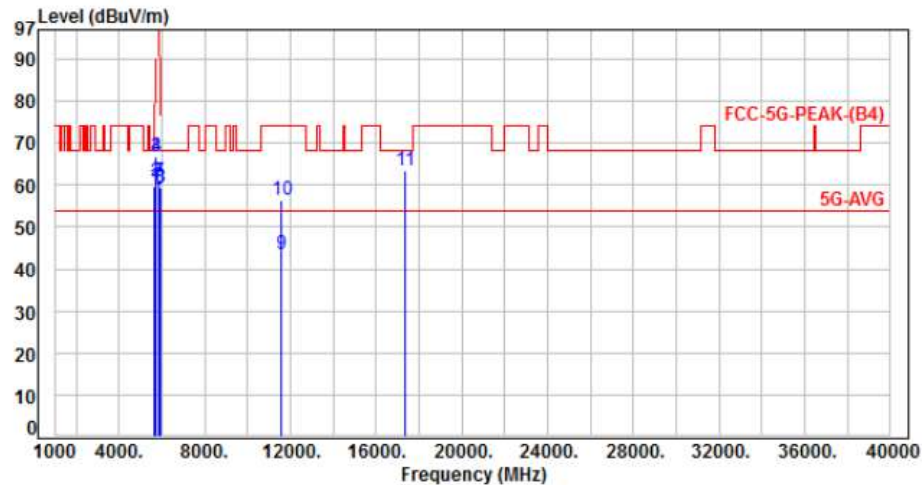
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 4, CH157		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	53.25	59.71	68.20	-8.49	Peak	100	63	P
2	5700.00	6.50	54.43	60.93	105.20	-44.27	Peak	100	63	P
3	5720.00	6.51	60.39	66.90	110.80	-43.90	Peak	100	63	P
4	5725.00	6.52	60.40	66.92	122.20	-55.28	Peak	100	63	P
5	5850.00	6.61	52.49	59.10	122.20	-63.10	Peak	100	0	P
6	5855.00	6.63	54.36	60.99	110.80	-49.81	Peak	100	0	P
7	5875.00	6.73	54.18	60.91	105.20	-44.29	Peak	100	0	P
8	5925.00	6.90	52.65	59.55	68.20	-8.65	Peak	100	0	P
9	11570.00	14.83	28.79	43.62	54.00	-10.38	Average	100	54	P
10	11570.00	14.83	41.70	56.53	74.00	-17.47	Peak	100	54	P
11	17355.00	20.73	42.68	63.41	68.20	-4.79	Peak	100	116	P

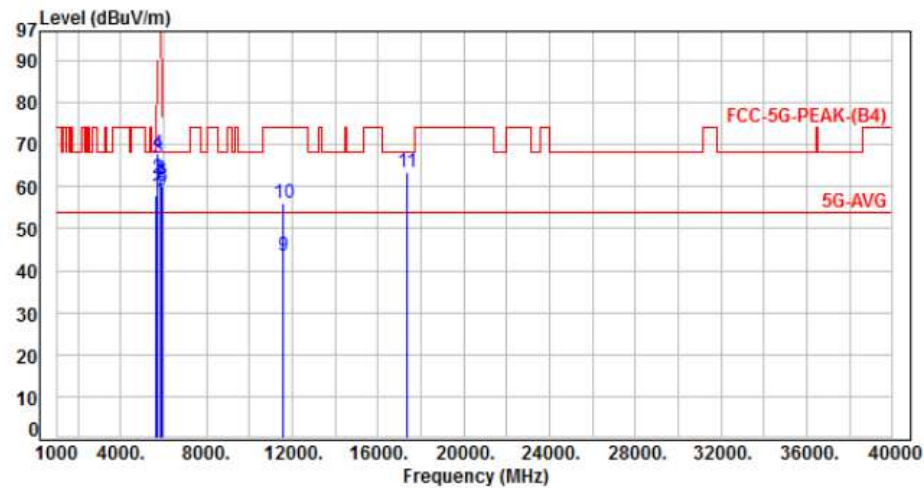
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 4, CH157		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	51.52	57.98	68.20	-10.22	Peak	100	50	P
2	5700.00	6.50	55.33	61.83	105.20	-43.37	Peak	100	50	P
3	5720.00	6.51	60.34	66.85	110.80	-43.95	Peak	100	50	P
4	5725.00	6.52	61.44	67.96	122.20	-54.24	Peak	100	50	P
5	5850.00	6.61	52.42	59.03	122.20	-63.17	Peak	100	0	P
6	5855.00	6.63	54.98	61.61	110.80	-49.19	Peak	100	0	P
7	5875.00	6.73	54.29	61.02	105.20	-44.18	Peak	100	0	P
8	5925.00	6.90	53.31	60.21	68.20	-7.99	Peak	100	0	P
9	11570.00	14.83	28.53	43.36	54.00	-10.64	Average	100	40	P
10	11570.00	14.83	41.24	56.07	74.00	-17.93	Peak	100	40	P
11	17355.00	20.73	42.62	63.35	68.20	-4.85	Peak	100	149	P

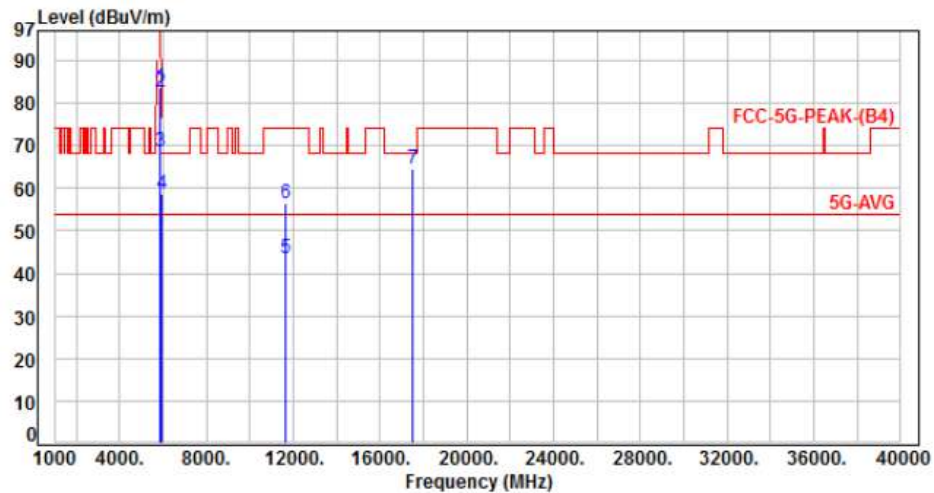
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 4, CH165		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.61	77.21	83.82	122.20	-38.38	Peak	100	53	P
2	5855.00	6.63	76.04	82.67	110.80	-28.13	Peak	100	53	P
3	5875.00	6.73	61.93	68.66	105.20	-36.54	Peak	100	53	P
4	5925.00	6.90	51.87	58.77	68.20	-9.43	Peak	100	53	P
5	11650.00	14.96	28.72	43.68	54.00	-10.32	Average	100	75	P
6	11650.00	14.96	41.64	56.60	74.00	-17.40	Peak	100	75	P
7	17475.00	21.55	42.89	64.44	68.20	-3.76	Peak	100	121	P

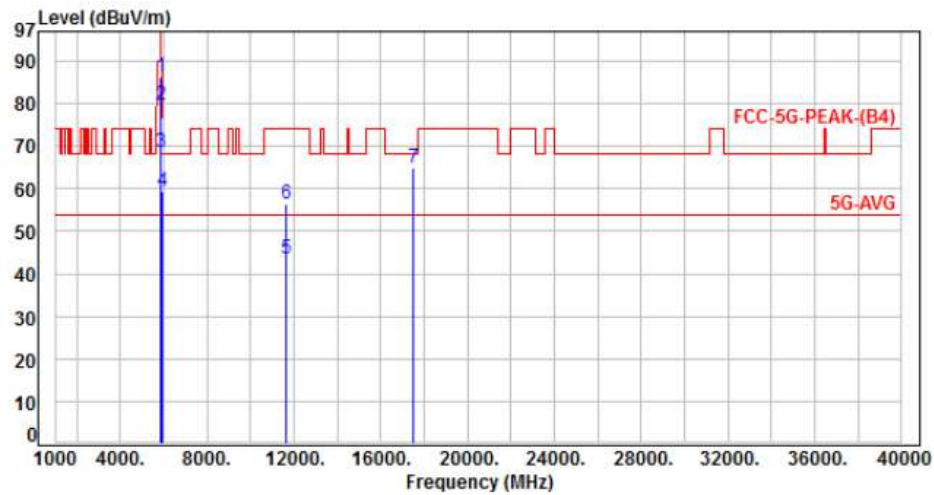
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 4, CH165		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.61	79.68	86.29	122.20	-35.91	Peak	100	58	P
2	5850.00	6.61	73.15	79.76	122.20	-42.44	Peak	100	58	P
3	5875.00	6.73	61.82	68.55	105.20	-36.65	Peak	100	58	P
4	5925.00	6.90	52.41	59.31	68.20	-8.89	Peak	100	58	P
5	11650.00	14.96	28.42	43.38	54.00	-10.62	Average	100	64	P
6	11650.00	14.96	41.49	56.45	74.00	-17.55	Peak	100	64	P
7	17475.00	21.55	43.20	64.75	68.20	-3.45	Peak	100	112	P

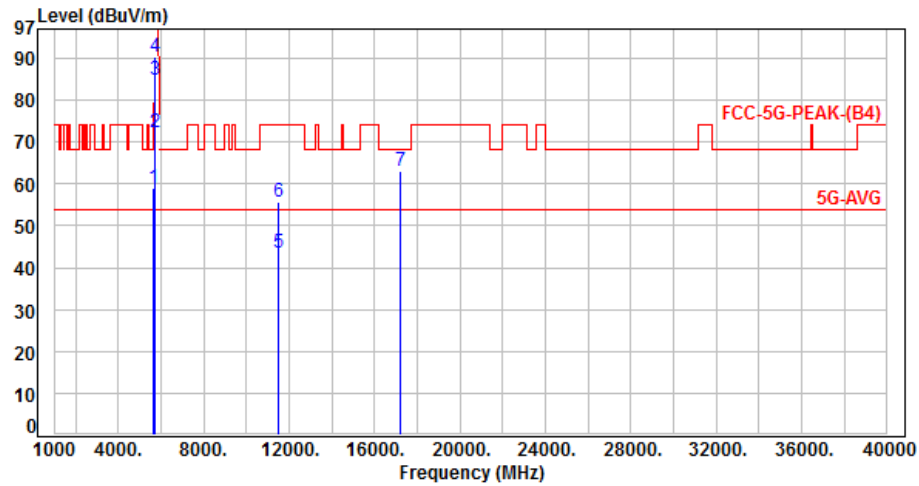
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 4, CH149		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	52.55	59.01	68.20	-9.19	Peak	100	50	P
2	5700.00	6.50	65.66	72.16	105.20	-33.04	Peak	100	50	P
3	5720.00	6.51	78.24	84.75	110.80	-26.05	Peak	100	50	P
4	5725.00	6.52	83.90	90.42	122.20	-31.78	Peak	100	50	P
5	11490.00	14.61	28.83	43.44	54.00	-10.56	Average	100	140	P
6	11490.00	14.61	41.24	55.85	74.00	-18.15	Peak	100	140	P
7	17235.00	20.06	43.17	63.23	68.20	-4.97	Peak	100	100	P

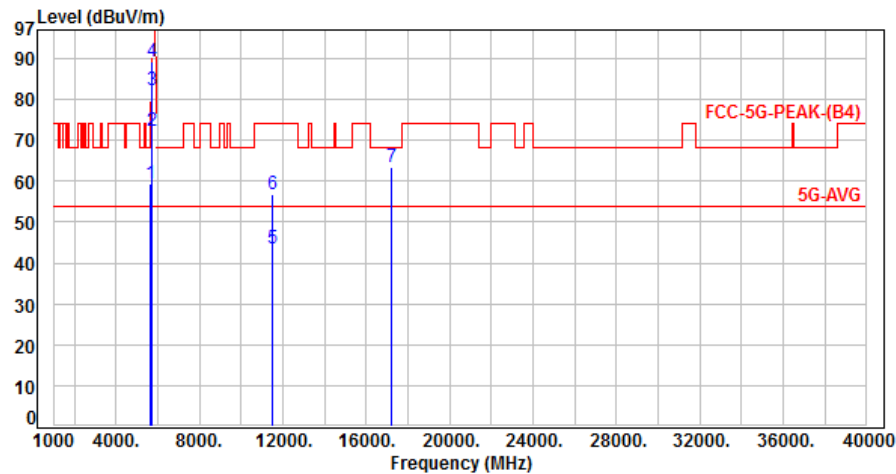
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 2, Band 4, CH149		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	52.96	59.42	68.20	-8.78	Peak	100	63	P
2	5700.00	6.50	65.94	72.44	105.20	-32.76	Peak	100	63	P
3	5720.00	6.51	75.73	82.24	110.80	-28.56	Peak	100	63	P
4	5725.00	6.52	82.70	89.22	122.20	-32.98	Peak	100	63	P
5	11490.00	14.61	28.91	43.52	54.00	-10.48	Average	100	251	P
6	11490.00	14.61	42.07	56.68	74.00	-17.32	Peak	100	251	P
7	17235.00	20.06	43.33	63.39	68.20	-4.81	Peak	100	55	P

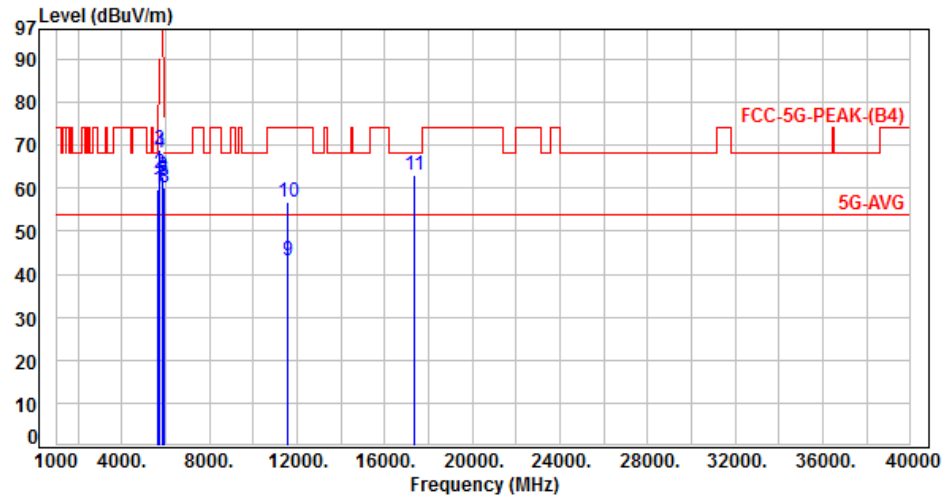
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 4, CH157		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	53.11	59.57	68.20	-8.63	Peak	100	45	P
2	5700.00	6.50	57.07	63.57	105.20	-41.63	Peak	100	45	P
3	5720.00	6.51	62.54	69.05	110.80	-41.75	Peak	100	45	P
4	5725.00	6.52	61.60	68.12	122.20	-54.08	Peak	100	45	P
5	5850.00	6.61	55.44	62.05	122.20	-60.15	Peak	100	60	P
6	5855.00	6.63	56.14	62.77	110.80	-48.03	Peak	100	60	P
7	5875.00	6.73	54.96	61.69	105.20	-43.51	Peak	100	60	P
8	5925.00	6.90	53.30	60.20	68.20	-8.00	Peak	100	60	P
9	11570.00	14.83	28.23	43.06	54.00	-10.94	Average	100	130	P
10	11570.00	14.83	41.83	56.66	74.00	-17.34	Peak	100	130	P
11	17355.00	20.73	42.47	63.20	68.20	-5.00	Peak	100	126	P

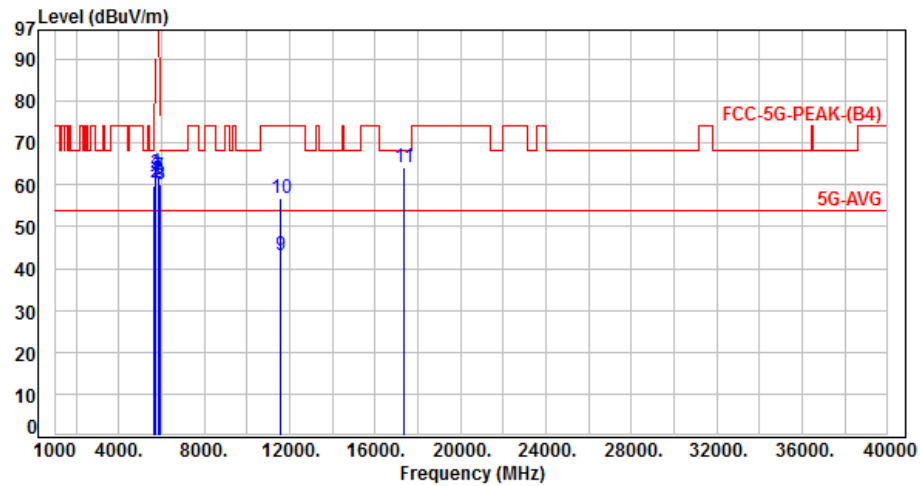
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 4, CH157		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	53.35	59.81	68.20	-8.39	Peak	100	53	P
2	5700.00	6.50	54.16	60.66	105.20	-44.54	Peak	100	53	P
3	5720.00	6.51	56.28	62.79	110.80	-48.01	Peak	100	53	P
4	5725.00	6.52	56.69	63.21	122.20	-58.99	Peak	100	53	P
5	5850.00	6.61	53.90	60.51	122.20	-61.69	Peak	100	60	P
6	5855.00	6.63	54.76	61.39	110.80	-49.41	Peak	100	60	P
7	5875.00	6.73	55.09	61.82	105.20	-43.38	Peak	100	60	P
8	5925.00	6.90	53.24	60.14	68.20	-8.06	Peak	100	60	P
9	11570.00	14.83	28.40	43.23	54.00	-10.77	Average	100	179	P
10	11570.00	14.83	42.09	56.92	74.00	-17.08	Peak	100	179	P
11	17355.00	20.73	43.29	64.02	68.20	-4.18	Peak	100	143	P

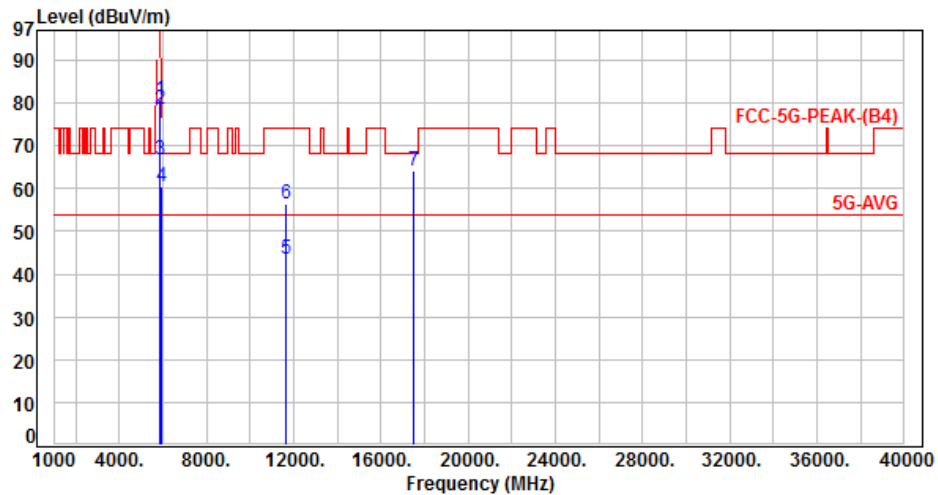
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 4, CH165		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.61	74.04	80.65	122.20	-41.55	Peak	100	55	P
2	5855.00	6.63	72.05	78.68	110.80	-32.12	Peak	100	55	P
3	5875.00	6.73	60.11	66.84	105.20	-38.36	Peak	100	55	P
4	5925.00	6.90	53.41	60.31	68.20	-7.89	Peak	100	55	P
5	11650.00	14.96	28.52	43.48	54.00	-10.52	Average	100	52	P
6	11650.00	14.96	41.32	56.28	74.00	-17.72	Peak	100	52	P
7	17475.00	21.55	42.65	64.20	68.20	-4.00	Peak	100	160	P

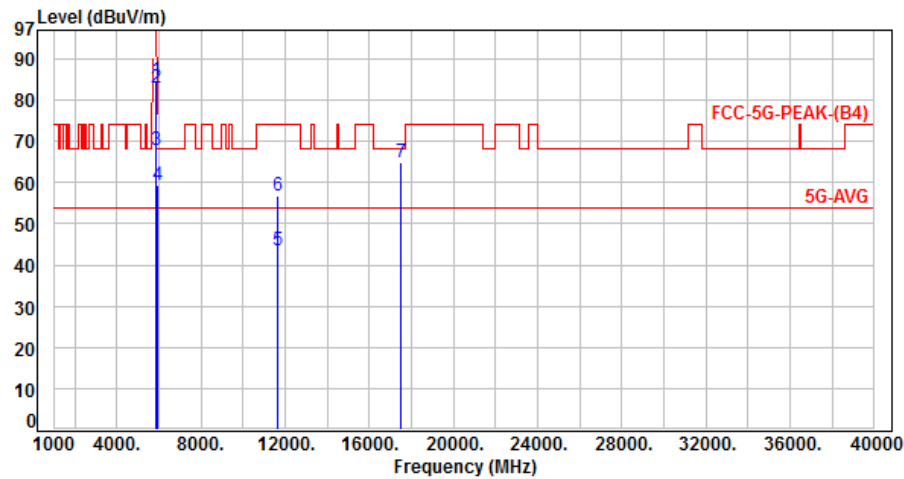
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 2, Band 4, CH165		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.61	78.20	84.81	122.20	-37.39	Peak	100	55	P
2	5855.00	6.63	76.18	82.81	110.80	-27.99	Peak	100	55	P
3	5875.00	6.73	61.07	67.80	105.20	-37.40	Peak	100	55	P
4	5925.00	6.90	52.65	59.55	68.20	-8.65	Peak	100	55	P
5	11650.00	14.96	28.38	43.34	54.00	-10.66	Average	100	75	P
6	11650.00	14.96	41.75	56.71	74.00	-17.29	Peak	100	75	P
7	17475.00	21.55	43.20	64.75	68.20	-3.45	Peak	100	120	P

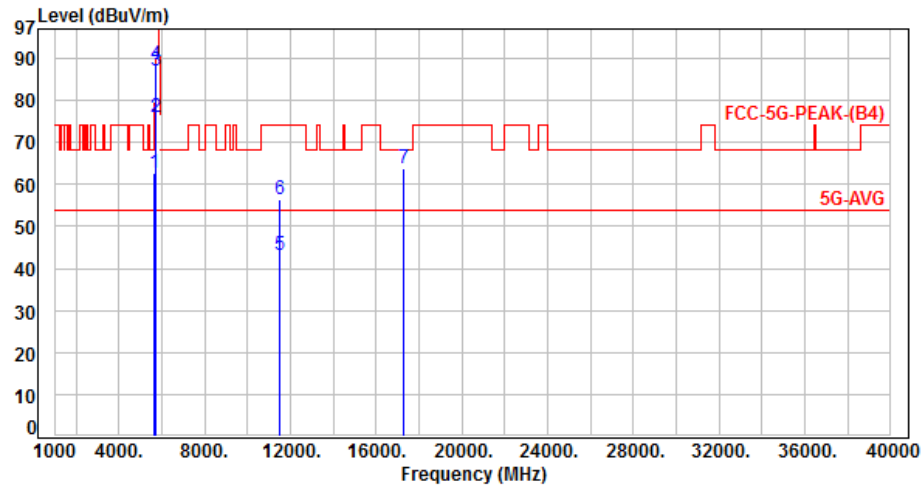
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 4, CH151		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	56.07	62.53	68.20	-5.67	Peak	100	55	P
2	5700.00	6.50	69.30	75.80	105.20	-29.40	Peak	100	55	P
3	5720.00	6.51	80.40	86.91	110.80	-23.89	Peak	100	55	P
4	5725.00	6.52	81.98	88.50	122.20	-33.70	Peak	100	55	P
5	11510.00	14.65	28.68	43.33	54.00	-10.67	Average	100	87	P
6	11510.00	14.65	41.72	56.37	74.00	-17.63	Peak	100	87	P
7	17265.00	20.26	43.40	63.66	68.20	-4.54	Peak	100	114	P

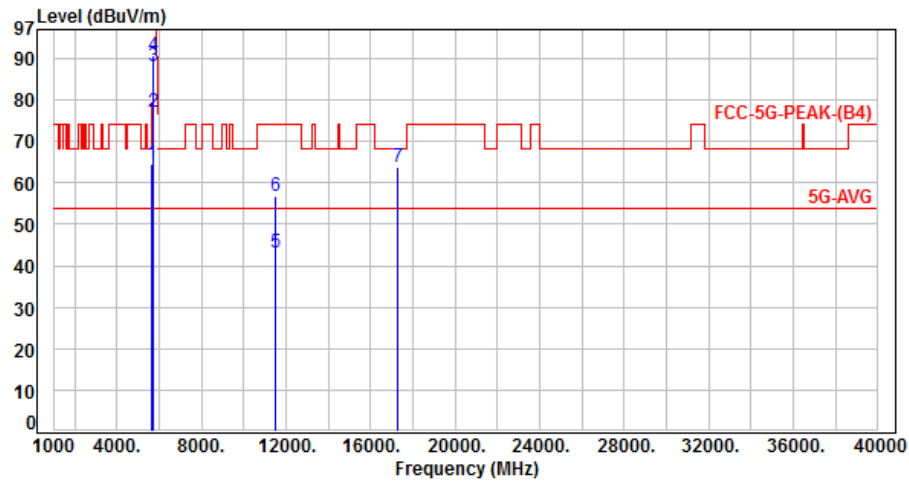
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 3, Band 4, CH151		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	58.08	64.54	68.20	-3.66	Peak	100	55	P
2	5700.00	6.50	70.76	77.26	105.20	-27.94	Peak	100	55	P
3	5720.00	6.51	81.71	88.22	110.80	-22.58	Peak	100	55	P
4	5725.00	6.52	84.17	90.69	122.20	-31.51	Peak	100	55	P
5	11510.00	14.65	28.57	43.22	54.00	-10.78	Average	100	125	P
6	11510.00	14.65	42.01	56.66	74.00	-17.34	Peak	100	125	P
7	17265.00	20.26	43.46	63.72	68.20	-4.48	Peak	100	255	P

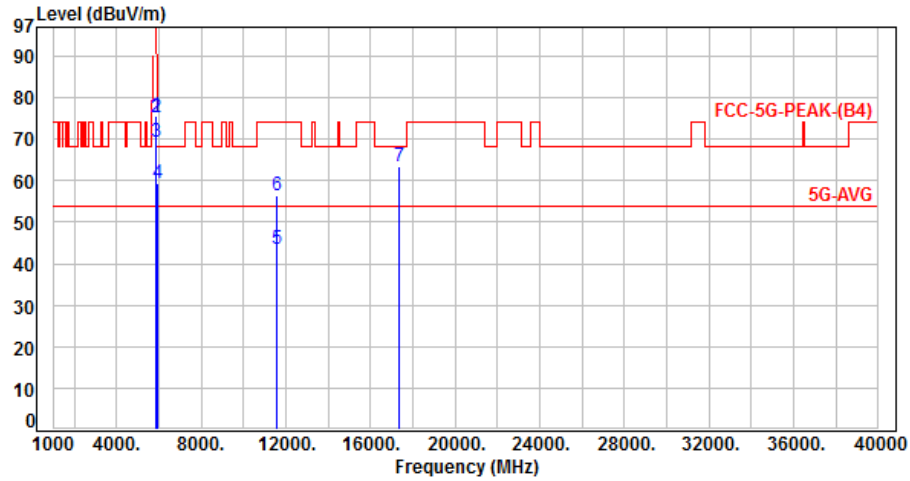
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 4, CH159		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.61	69.15	75.76	122.20	-46.44	Peak	100	52	P
2	5855.00	6.63	68.65	75.28	110.80	-35.52	Peak	100	52	P
3	5875.00	6.73	62.56	69.29	105.20	-35.91	Peak	100	52	P
4	5925.00	6.90	52.46	59.36	68.20	-8.84	Peak	100	52	P
5	11590.00	14.89	28.62	43.51	54.00	-10.49	Average	100	139	P
6	11590.00	14.89	41.44	56.33	74.00	-17.67	Peak	100	139	P
7	17385.00	20.85	42.76	63.61	68.20	-4.59	Peak	100	110	P

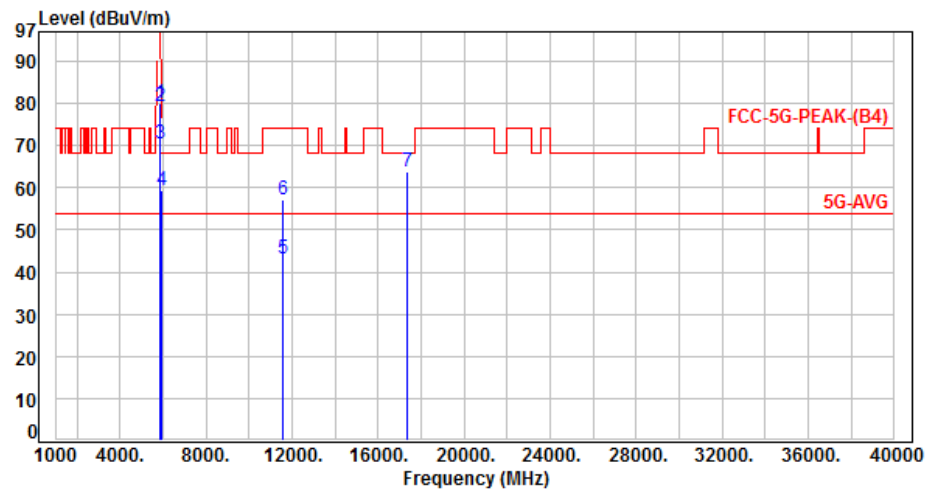
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 3, Band 4, CH159		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.61	73.54	80.15	122.20	-42.05	Peak	100	50	P
2	5855.00	6.63	72.60	79.23	110.80	-31.57	Peak	100	50	P
3	5875.00	6.73	63.68	70.41	105.20	-34.79	Peak	100	50	P
4	5925.00	6.90	52.49	59.39	68.20	-8.81	Peak	100	50	P
5	11590.00	14.89	28.27	43.16	54.00	-10.84	Average	100	140	P
6	11590.00	14.89	42.19	57.08	74.00	-16.92	Peak	100	140	P
7	17385.00	20.85	42.93	63.78	68.20	-4.42	Peak	100	204	P

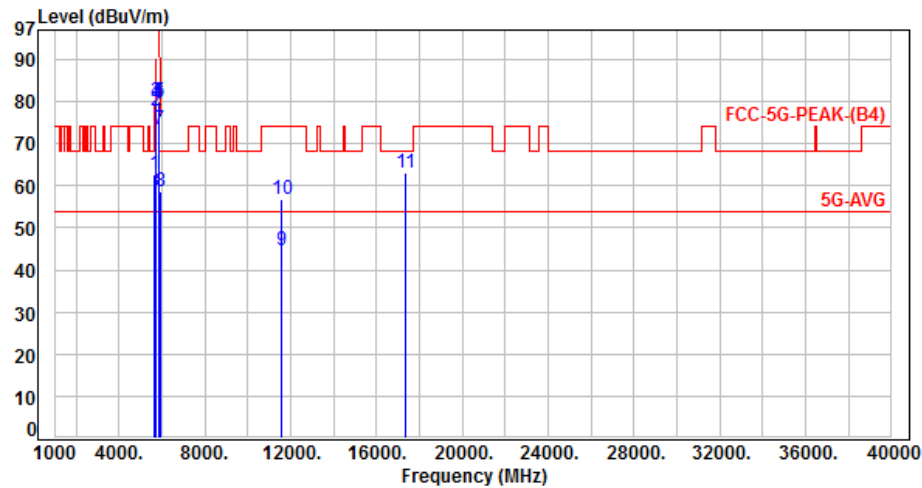
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 4, CH155		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	56.23	62.69	68.20	-5.51	Peak	100	56	P
2	5700.00	6.50	71.39	77.89	105.20	-27.31	Peak	100	56	P
3	5720.00	6.51	73.35	79.86	110.80	-30.94	Peak	100	56	P
4	5725.00	6.52	73.45	79.97	122.20	-42.23	Peak	100	56	P
5	5850.00	6.61	73.47	80.08	122.20	-42.12	Peak	100	56	P
6	5855.00	6.63	73.09	79.72	110.80	-31.08	Peak	100	56	P
7	5875.00	6.73	66.74	73.47	105.20	-31.73	Peak	100	56	P
8	5925.00	6.90	51.83	58.73	68.20	-9.47	Peak	100	56	P
9	11550.00	14.77	29.70	44.47	54.00	-9.53	Average	100	156	P
10	11550.00	14.77	42.17	56.94	74.00	-17.06	Peak	100	156	P
11	17325.00	20.59	42.59	63.18	68.20	-5.02	Peak	100	231	P

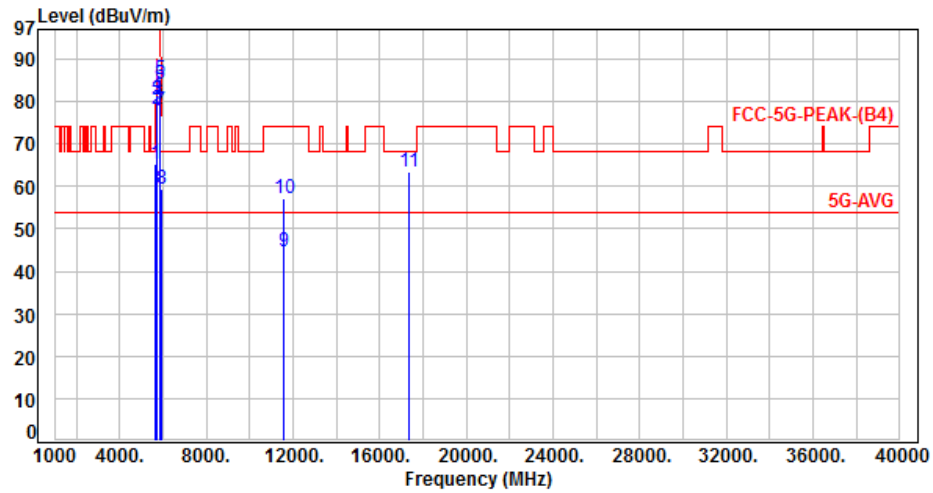
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 4, CH155		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.46	58.92	65.38	68.20	-2.82	Peak	100	55	P
2	5700.00	6.50	71.59	78.09	105.20	-27.11	Peak	100	55	P
3	5720.00	6.51	73.88	80.39	110.80	-30.41	Peak	100	55	P
4	5725.00	6.52	74.89	81.41	122.20	-40.79	Peak	100	55	P
5	5850.00	6.61	78.40	85.01	122.20	-37.19	Peak	100	55	P
6	5855.00	6.63	77.40	84.03	110.80	-26.77	Peak	100	55	P
7	5875.00	6.73	71.08	77.81	105.20	-27.39	Peak	100	55	P
8	5925.00	6.90	52.31	59.21	68.20	-8.99	Peak	100	55	P
9	11550.00	14.77	29.83	44.60	54.00	-9.40	Average	100	30	P
10	11550.00	14.77	42.32	57.09	74.00	-16.91	Peak	100	30	P
11	17325.00	20.59	42.68	63.27	68.20	-4.93	Peak	100	305	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



6.7. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.150
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz



7. On Time, Duty Cycle and Measurement methods

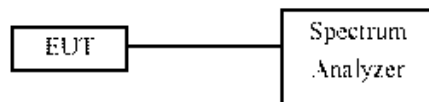
7.1. Test Limit

None; for reporting purposes only.

7.2. Test Procedure

KDB 789033 Zero-Span Spectrum Analyzer Method.

7.3. Test Setup Layout



7.4. Test Result and Data

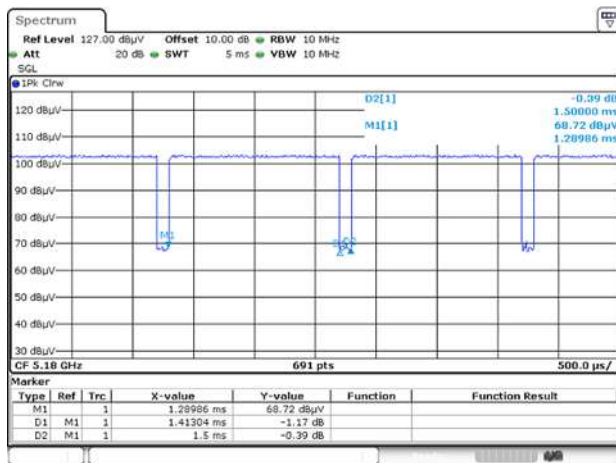
Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11a,6M	1.41	1.50	94.20%
802.11n HT20	1.33	1.41	93.85%
802.11n HT40	0.66	0.75	87.67%
802.11ac VHT20	1.33	1.41	93.85%
802.11ac VHT40	0.67	0.76	87.76%
802.11ac VHT80	0.33	0.43	78.57%

7.5. Measurement Methods

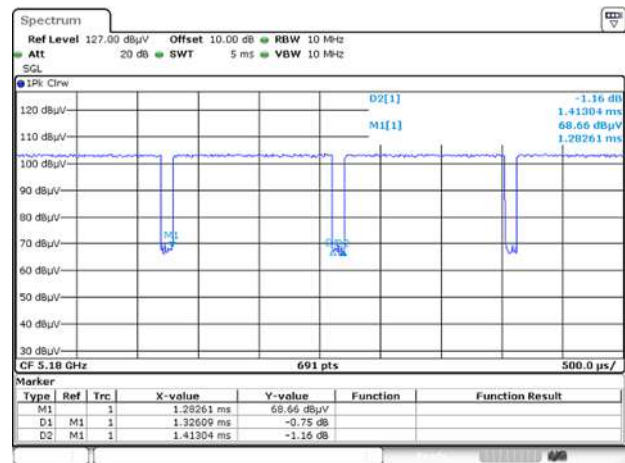
26 dB and 6dB Emission BW	KDB 789033 D02 v02r01, Section C
99% Occupied BW	KDB 789033 D02 v02r01, Section D
Conducted Output Power	KDB 789033 D02 v02r01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 D02 v02r01, Section F
Unwanted emissions in restricted bands	KDB 789033 D02 v02r01, Sections G and H
Unwanted emissions in non-restricted bands	KDB 789033 D02 v02r01, Sections G and H



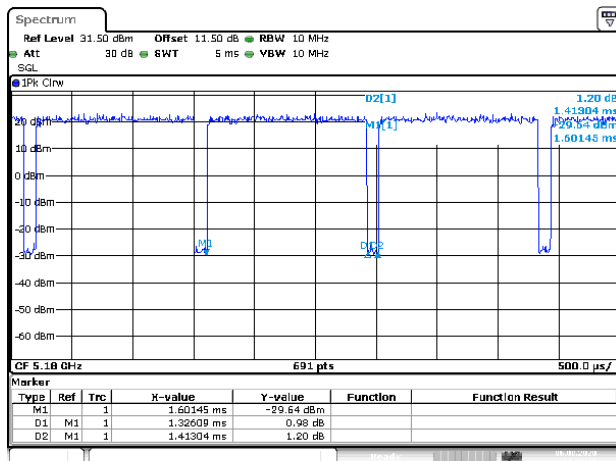
Modulation Type: 802.11a (6Mbps)



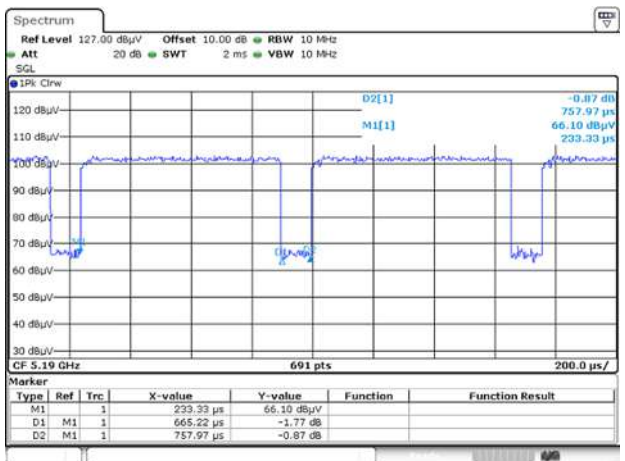
Modulation Type: 802.11ac VHT20 (6.5Mbps)



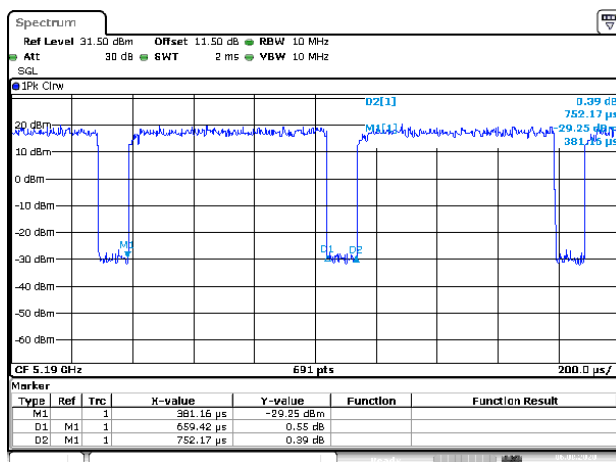
Modulation Type: 802.11n HT20 (6.5Mbps)



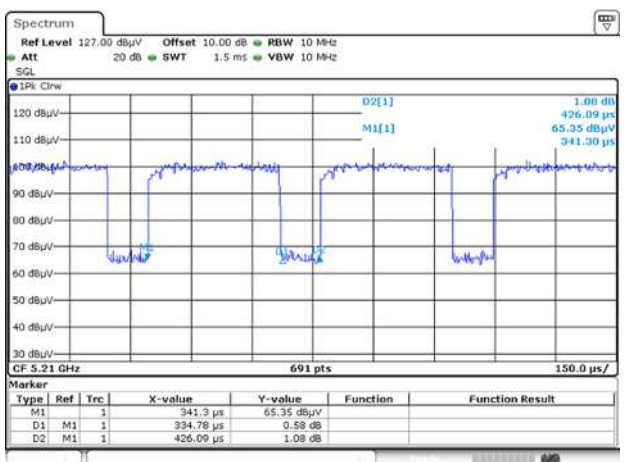
Modulation Type: 802.11ac VHT40 (13.5Mbps)



Modulation Type: 802.11n HT40 (13.5Mbps)



Modulation Type: 802.11ac VHT80 (29.3Mbps)





8. 6dB Bandwidth & 99% Occupied Bandwidth

8.1. Test Limit

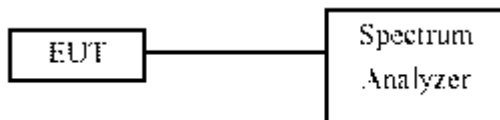
FCC §15.407

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW set to 100KHz, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

8.3. Test Setup Layout



**8.4. Test Result and Data (6dB Bandwidth)****In the 5.8G Band**

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
			ANT A	
11a	149	5745	16.24	0.50
11a	157	5785	16.24	0.50
11a	165	5825	16.24	0.50
11ac VHT20	149	5745	17.37	0.50
11ac VHT20	157	5785	17.50	0.50
11ac VHT20	165	5825	17.50	0.50
11ac VHT40	151	5755	35.86	0.50
11ac VHT40	159	5795	35.69	0.50
11ac VHT80	155	5775	75.02	0.50

UNII Emission Bandwidth Result (Extends across 5725MHz band)			
Modulation Type	Data Rate / MCS	Frequency (MHz)	6dB Bandwidth(MHz)
			ANT A
11a	6 Mbps	5720	3.17
11ac VHT20	NSS1-MCS0	5720	3.53
11ac VHT40	NSS1-MCS0	5710	3.21
11ac VHT80	NSS1-MCS0	5690	3.21



8.5. Test Result and Data (99% Occupied Bandwidth)

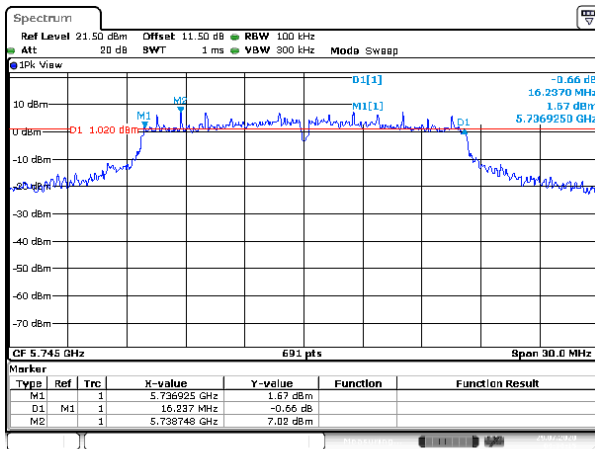
In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth (MHz)
			ANT A
11a	149	5745	17.97
11a	157	5785	18.06
11a	165	5825	18.84
11ac VHT20	149	5745	18.67
11ac VHT20	157	5785	18.67
11ac VHT20	165	5825	19.02
11ac VHT40	151	5755	37.25
11ac VHT40	159	5795	37.34
11ac VHT80	155	5775	76.06

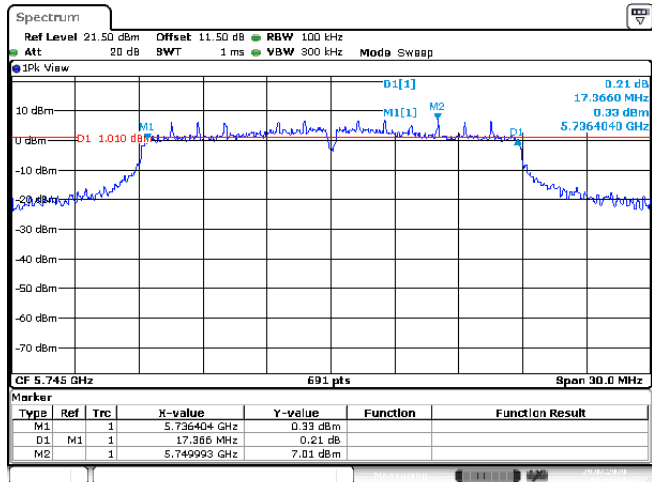
UNII Emission Bandwidth Result (Extends across 5725MHz band)			
Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	6 Mbps	5720	4.12
11ac VHT20	NSS1-MCS0	5720	4.38
11ac VHT40	NSS1-MCS0	5710	3.76
11ac VHT80	NSS1-MCS0	5690	3.20



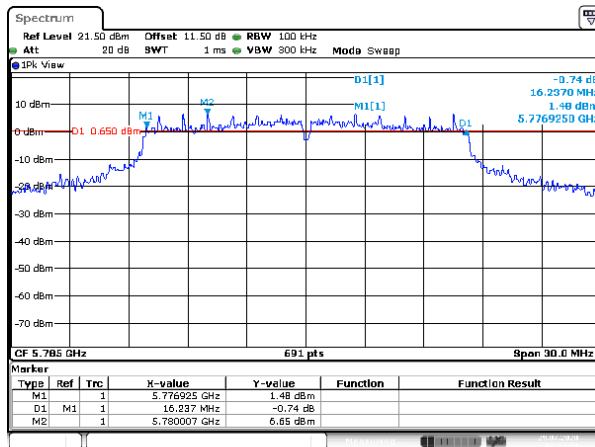
6dB Bandwidth
Modulation Type: 802.11a (6Mbps)
CH149



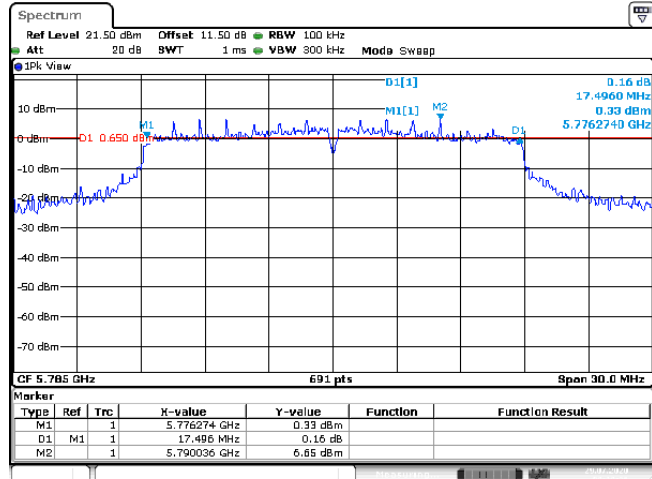
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



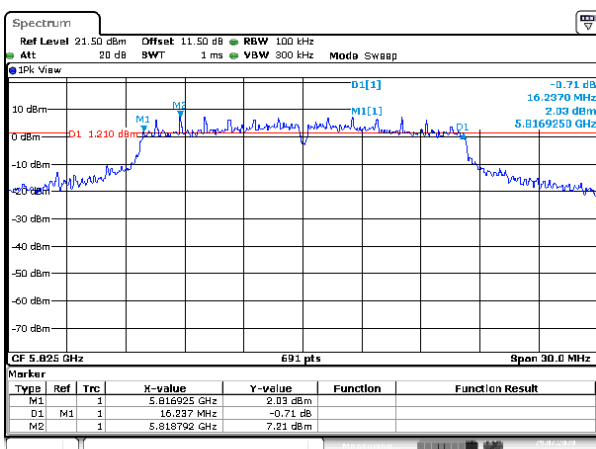
CH157



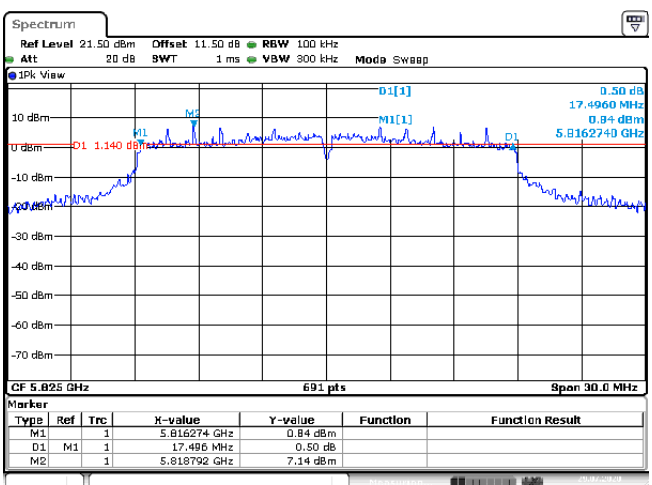
CH157



CH165

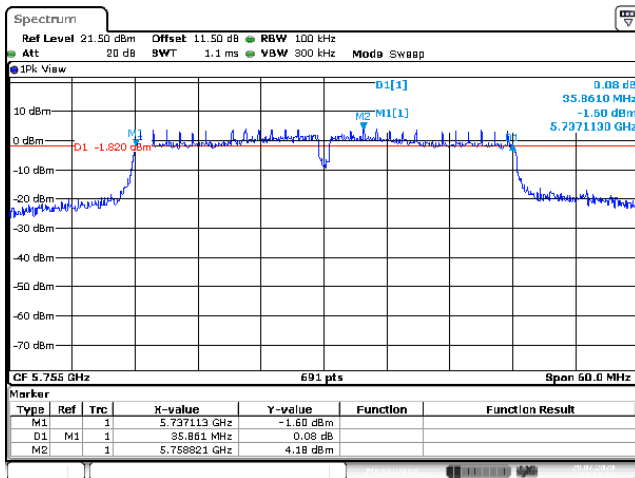
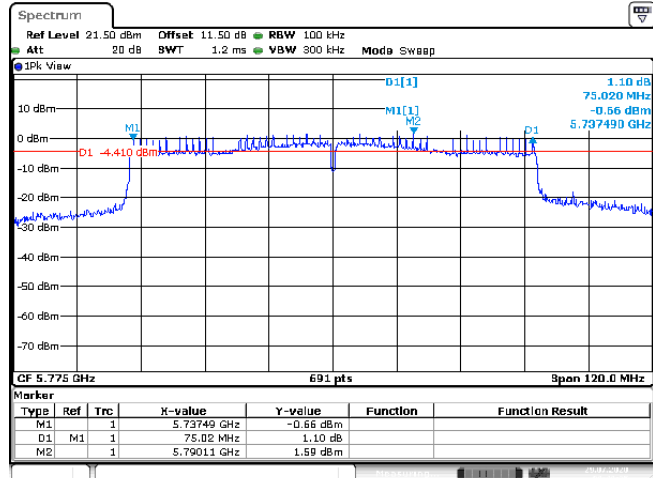


CH165

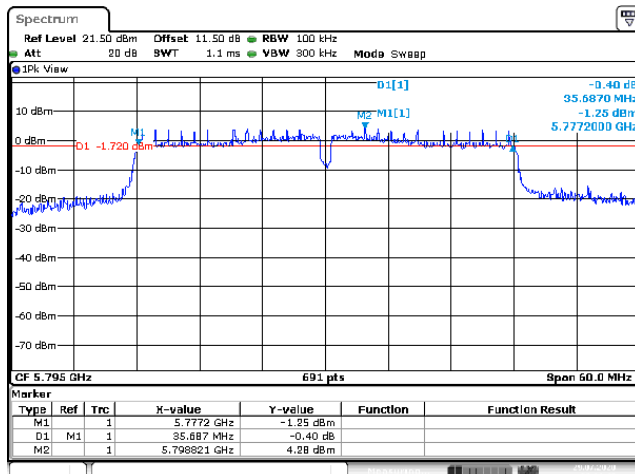




6dB Bandwidth

Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151Modulation Type: 802.11ac, VHT80 (29.3Mbps)
CH155

CH159



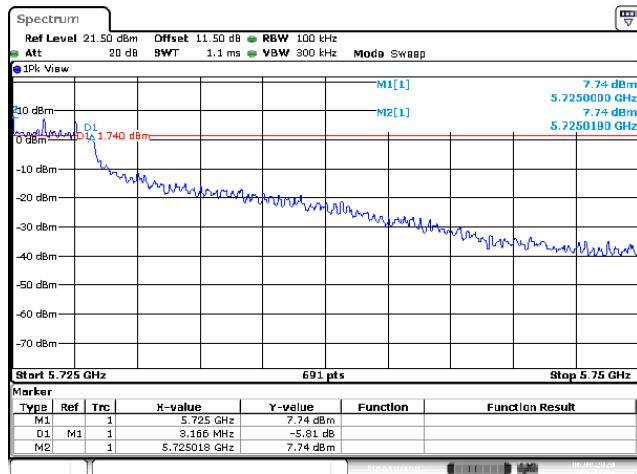


6dB Bandwidth

Extends across 5725MHz band, Straddle Channel

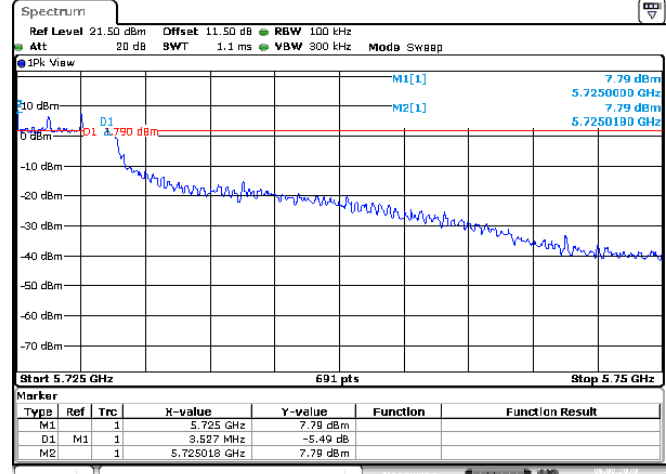
Modulation Type: 802.11a (6Mbps)

CH144



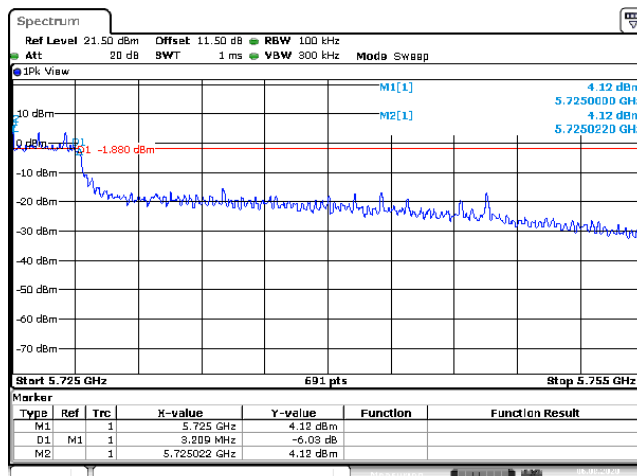
Modulation Type: 802.11ac VHT20 (6.5Mbps)

CH144



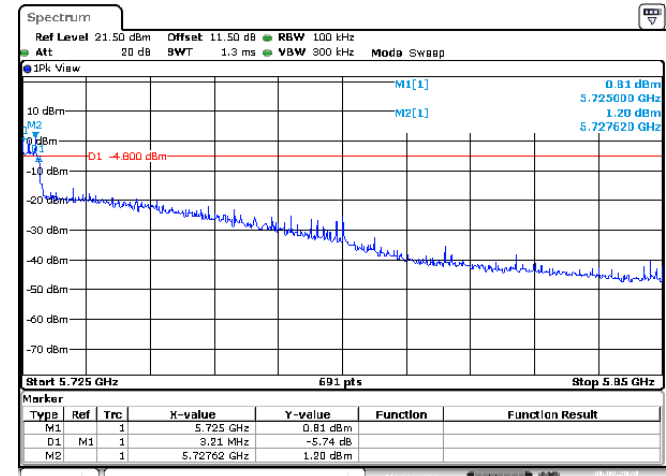
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH142



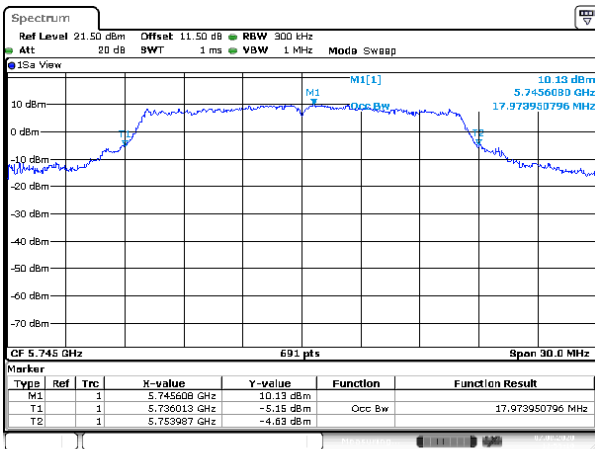
Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH138

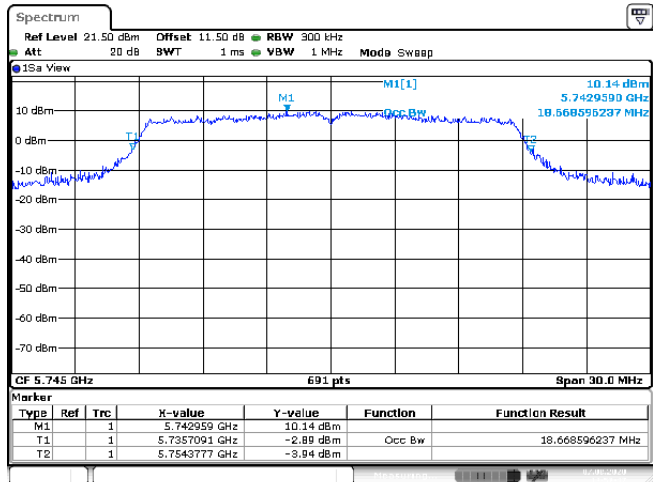




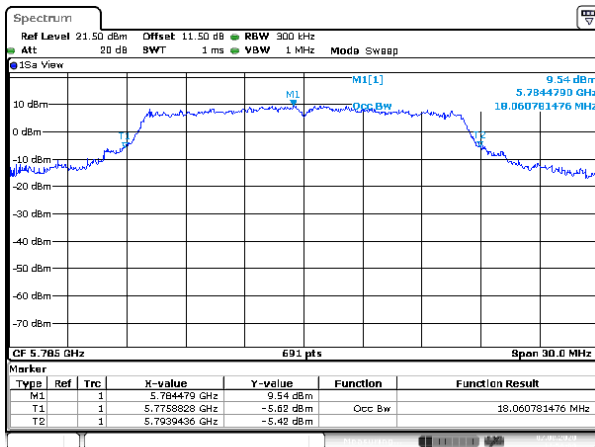
99% Occupied Bandwidth
Modulation Type: 802.11a (6Mbps)
CH149



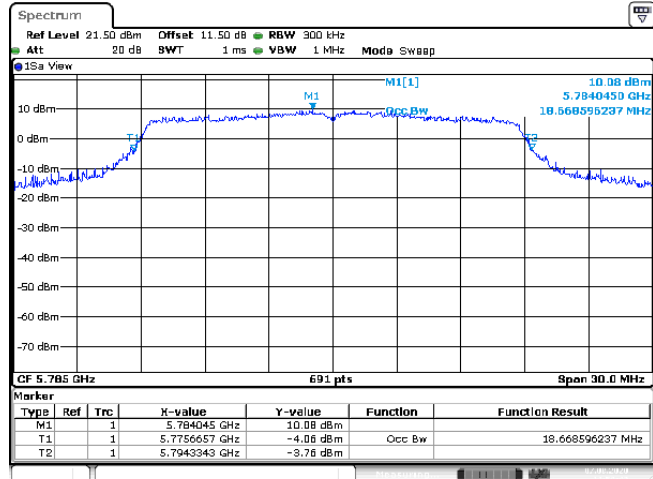
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



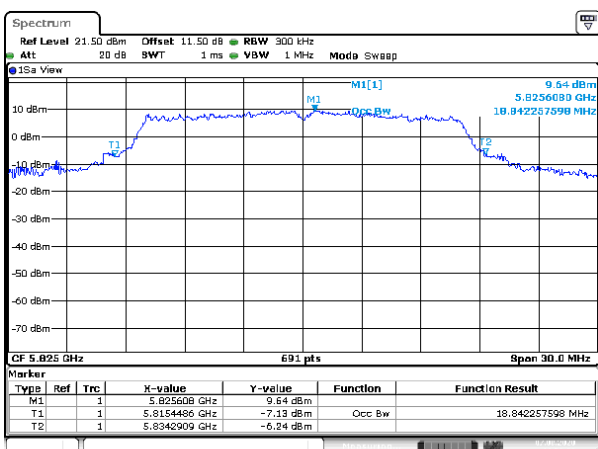
CH157



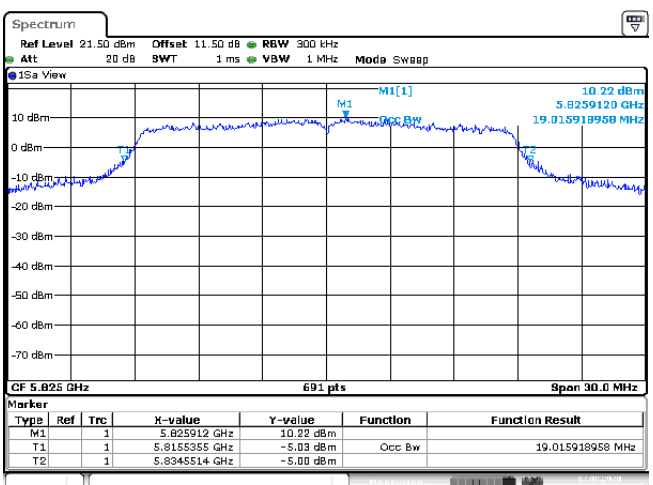
CH157



CH165

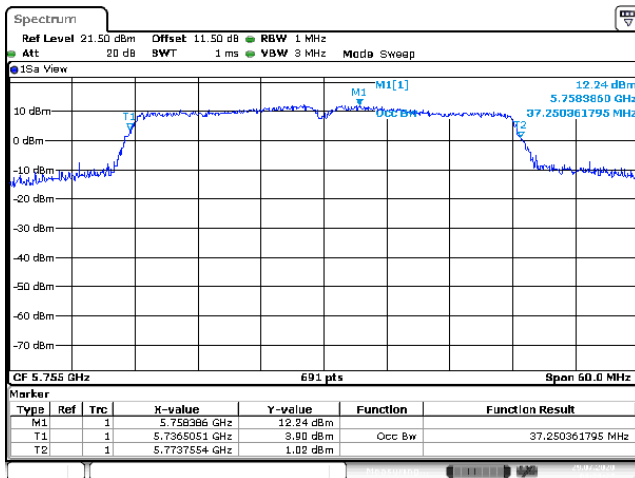


CH165

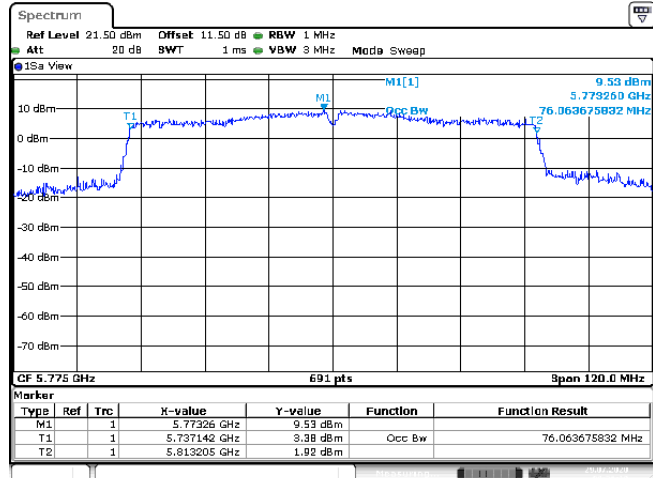




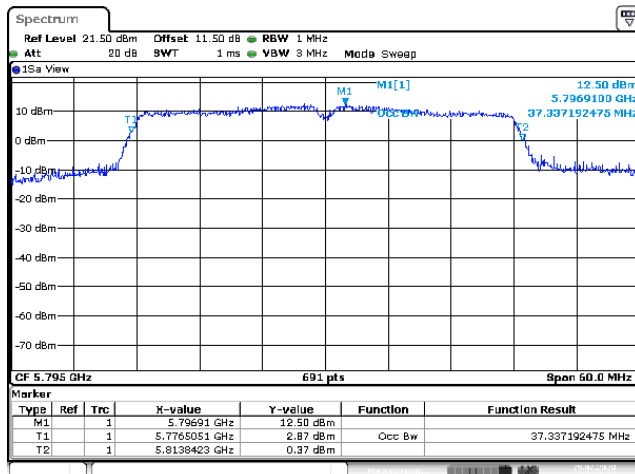
99% Occupied Bandwidth
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



Modulation Type: 802.11ac, VHT80 (29.3Mbps)
CH155



CH159



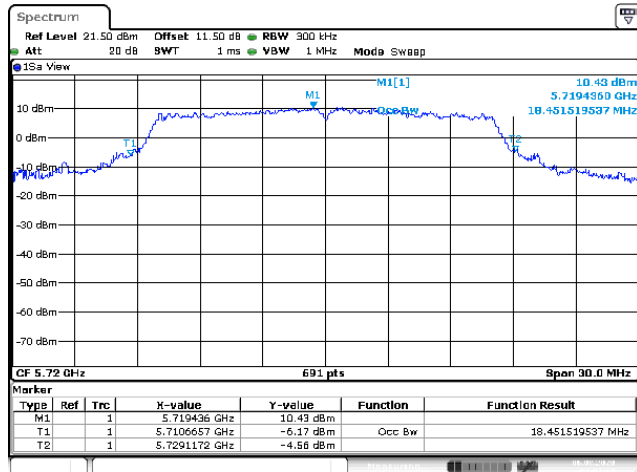


99% Bandwidth

Straddle Channel ,Extends across 5725MHz band 99% Bandwidth = T2 Point(MHz)-5725MHz

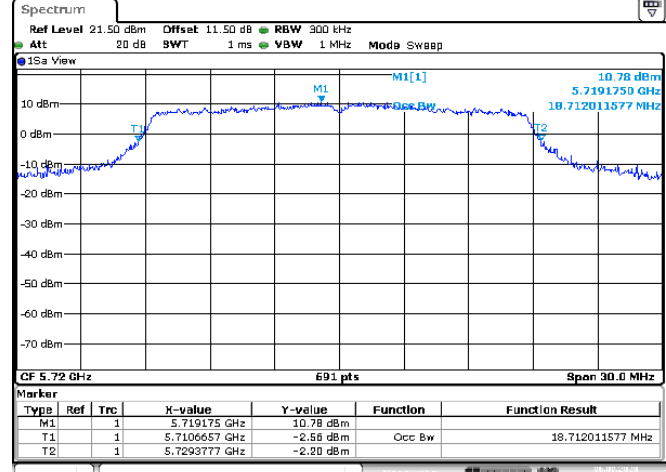
Modulation Type: 802.11a (6Mbps)

CH144



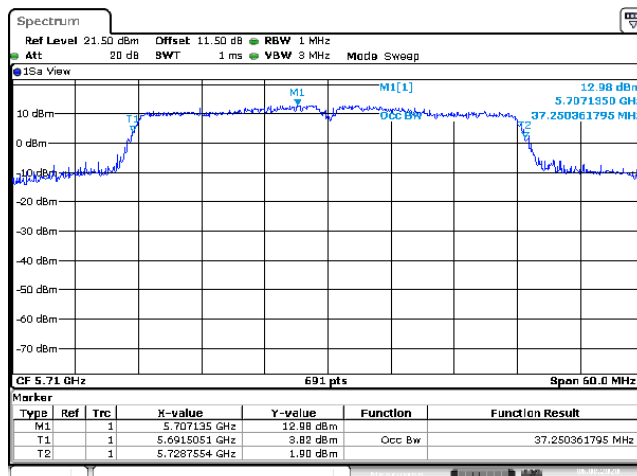
Modulation Type: 802.11ac VHT20 (6.5Mbps)

CH144



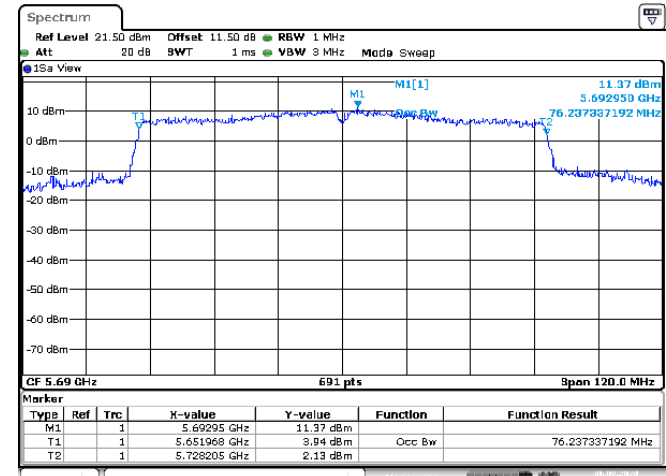
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH142



Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH138





9. 26dB Bandwidth & 99% Occupied Bandwidth

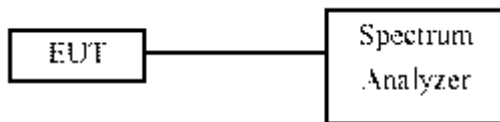
9.1. Test Limit

None; for reporting purposes only.

9.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW = approximately 1% of the emission bandwidth, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

9.3. Test Setup Layout





9.4. Test Result and Data (26dB Bandwidth)

In the 5.2G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
			ANT A
11a	36	5180	21.49
11a	40	5200	23.58
11a	48	5240	22.23
11ac VHT20	36	5180	21.88
11ac VHT20	40	5200	24.44
11ac VHT20	48	5240	23.71
11ac VHT40	38	5190	42.72
11ac VHT40	46	5230	58.03
11ac VHT80	42	5210	81.45

In the 5.3G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
			ANT A
11a	52	5260	22.06
11a	60	5300	23.97
11a	64	5320	24.92
11ac VHT20	52	5260	23.49
11ac VHT20	60	5300	23.10
11ac VHT20	64	5320	24.18
11ac VHT40	54	5270	62.23
11ac VHT40	62	5310	41.07
11ac VHT80	58	5290	81.79

In the 5.5G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
			ANT A
11a	100	5500	21.71
11a	120	5600	36.54
11a	140	5700	24.40
11ac VHT20	100	5500	21.88
11ac VHT20	120	5600	33.65
11ac VHT20	140	5700	22.66
11ac VHT40	102	5510	41.16
11ac VHT40	118	5590	56.53
11ac VHT40	134	5670	63.53
11ac VHT80	106	5530	82.14
11ac VHT80	122	5610	128.97



UNII Emission Bandwidth Result (Within 5470-5725MHz band)			
Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth(MHz)
			ANT A
11a	6 Mbps	5720	21.65
11ac VHT20	NSS1-MCS0	5720	21.53
11ac VHT40	NSS1-MCS0	5710	49.79
11ac VHT80	NSS1-MCS0	5690	106.25

**9.5. Test Result and Data (99% Occupied Bandwidth)**

In the 5.2G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	36	5180	16.93
11a	40	5200	17.15
11a	48	5240	17.15
11ac VHT20	36	5180	18.10
11ac VHT20	40	5200	18.28
11ac VHT20	48	5240	18.23
11ac VHT40	38	5190	36.56
11ac VHT40	46	5230	36.82
11ac VHT80	42	5210	75.37

In the 5.3G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	52	5260	17.02
11a	60	5300	17.37
11a	64	5320	17.24
11ac VHT20	52	5260	18.10
11ac VHT20	60	5300	18.06
11ac VHT20	64	5320	18.23
11ac VHT40	54	5270	37.08
11ac VHT40	62	5310	36.47
11ac VHT80	58	5290	75.54

In the 5.5G Band

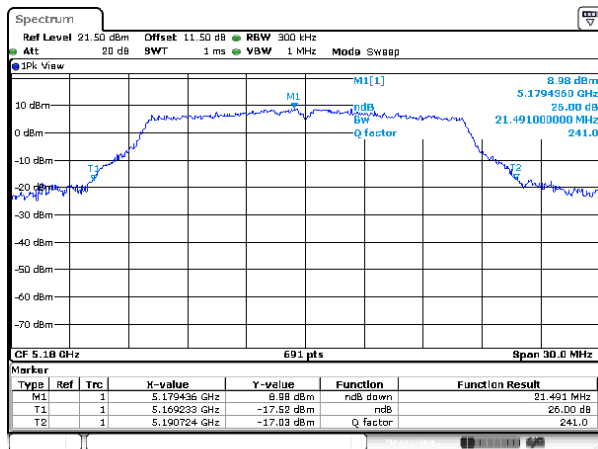
Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	100	5500	16.89
11a	120	5600	18.67
11a	140	5700	17.11
11ac VHT20	100	5500	18.06
11ac VHT20	120	5600	18.54
11ac VHT20	140	5700	18.06
11ac VHT40	102	5510	36.56
11ac VHT40	118	5590	36.99
11ac VHT40	134	5670	37.16
11ac VHT80	106	5530	75.54
11ac VHT80	122	5610	76.06



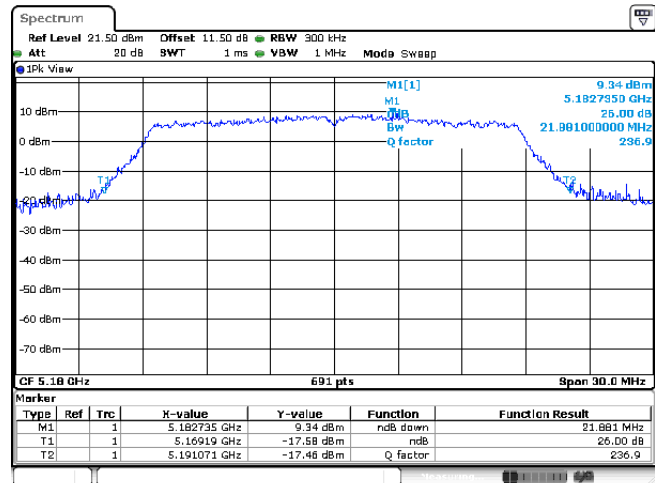
UNII Emission Bandwidth Result (Within 5470-5725MHz band)			
Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	6 Mbps	5720	14.33
11ac VHT20	NSS1-MCS0	5720	14.33
11ac VHT40	NSS1-MCS0	5710	33.49
11ac VHT80	NSS1-MCS0	5690	73.03



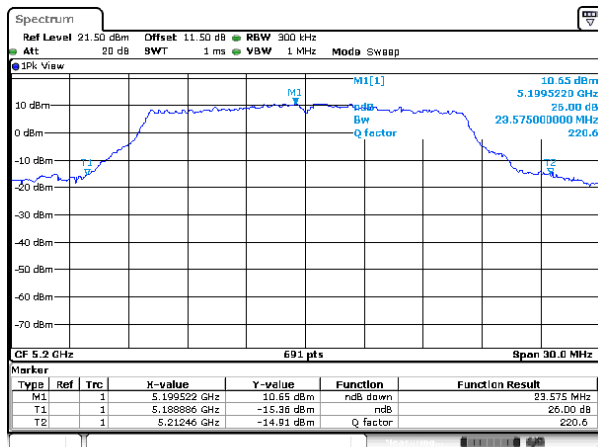
26dB Bandwidth, Band 1
Modulation Type: 802.11a (6Mbps)
CH36



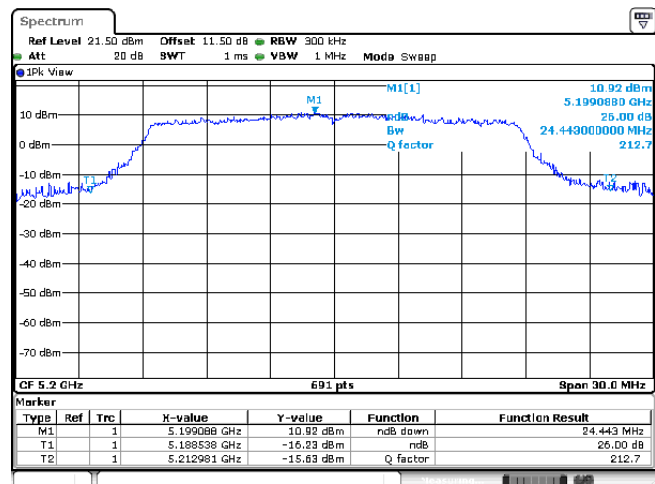
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH36



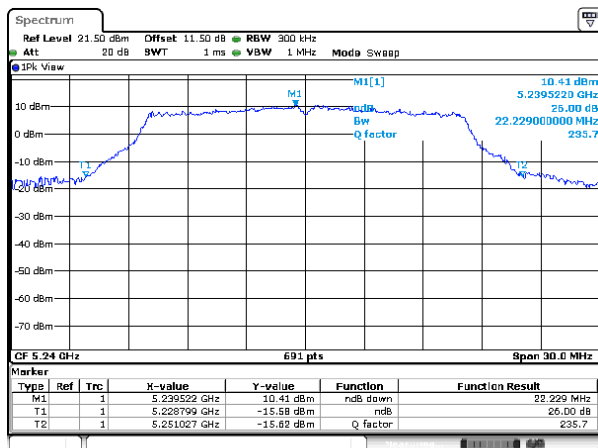
CH40



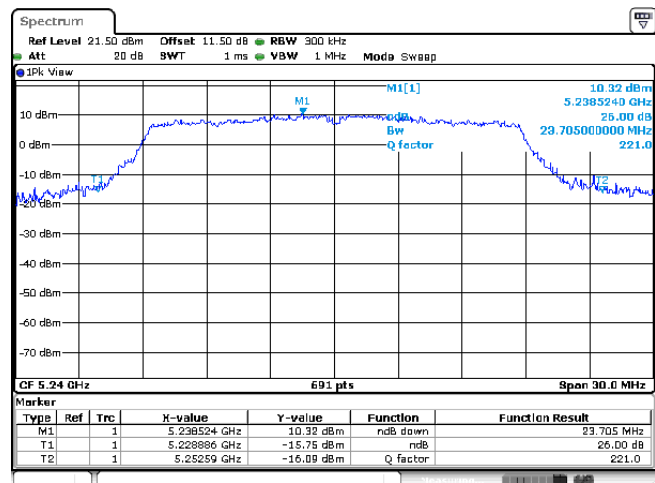
CH40



CH48



CH48

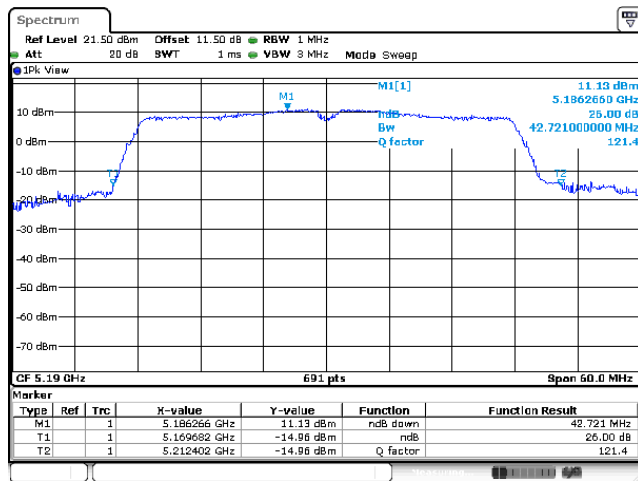




26dB Bandwidth, Band 1

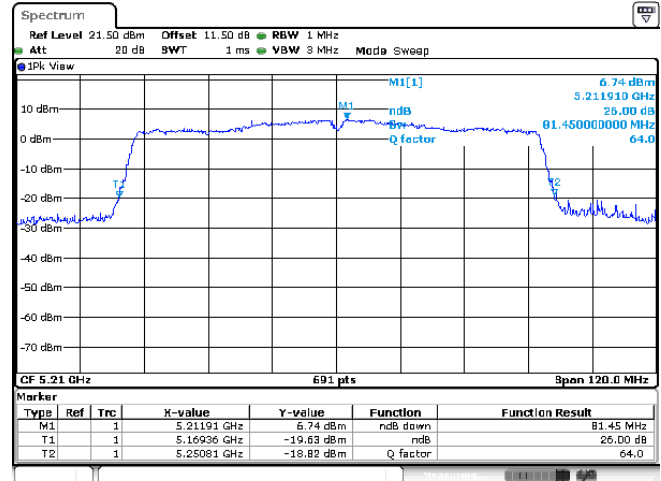
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH38

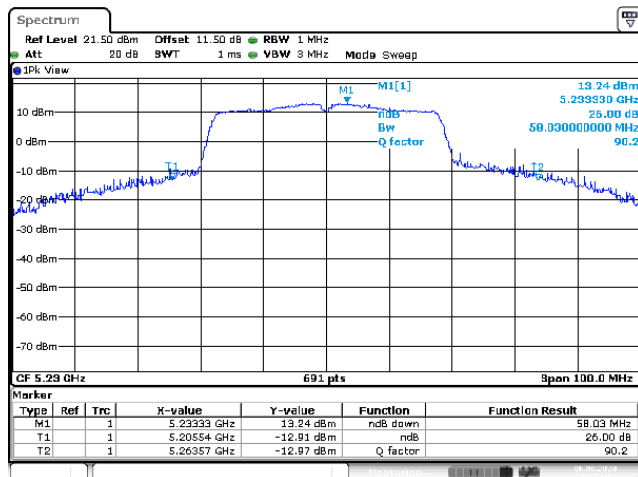


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH42

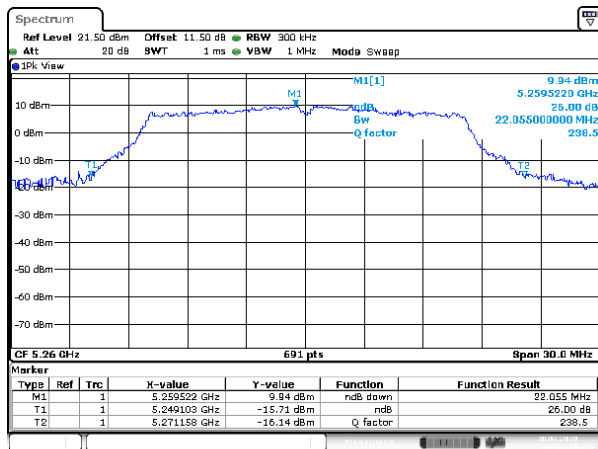


CH46

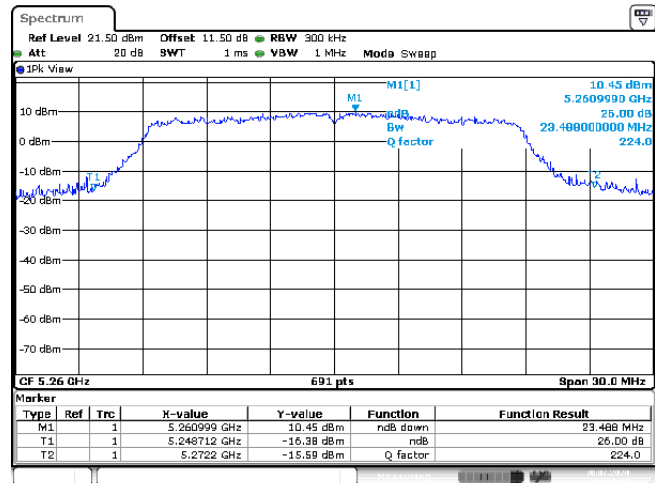




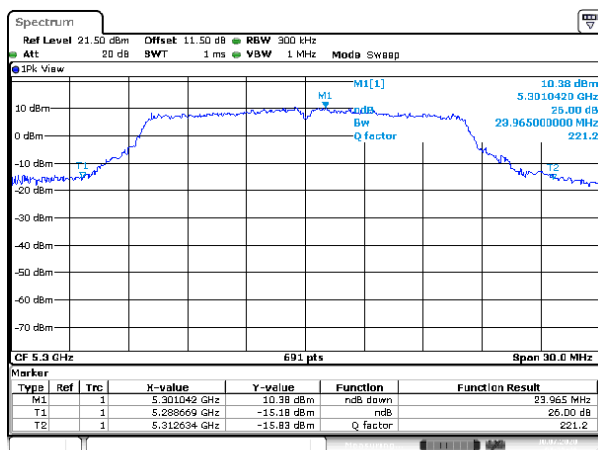
26dB Bandwidth, Band 2
Modulation Type: 802.11a (6Mbps)
CH52



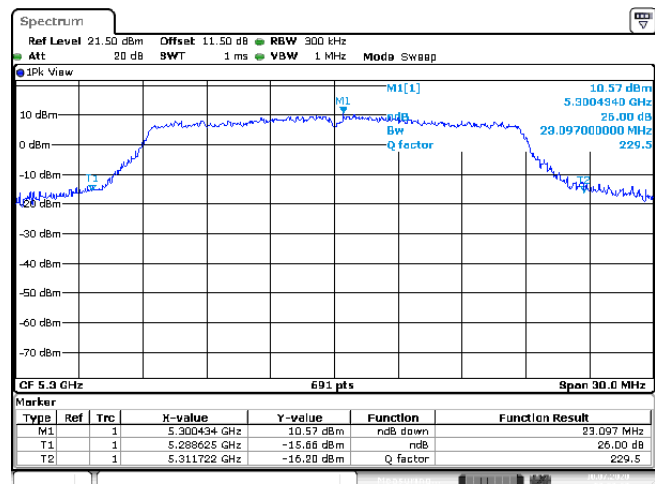
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH52



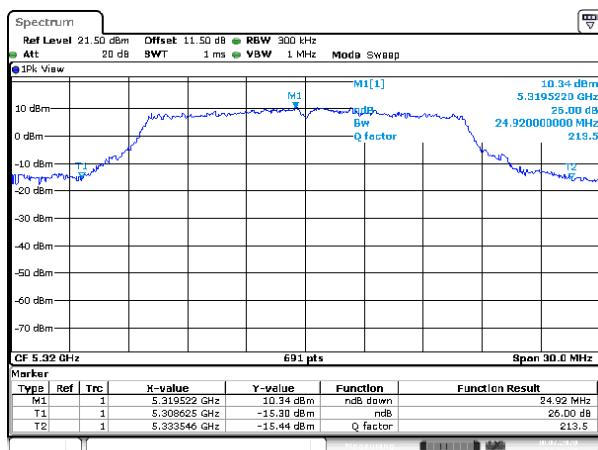
CH60



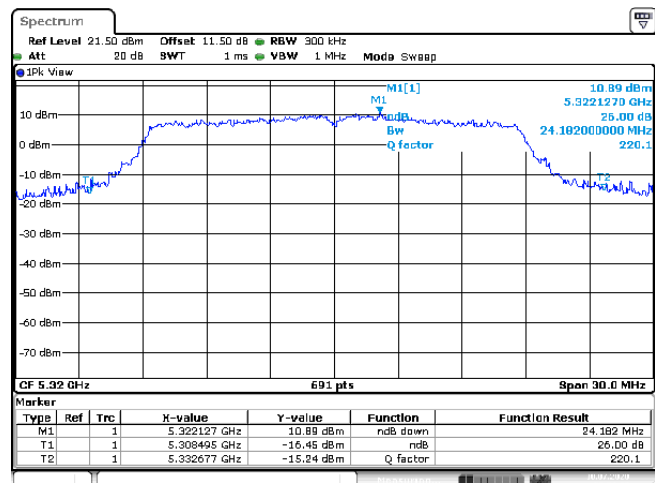
CH60



CH64



CH64

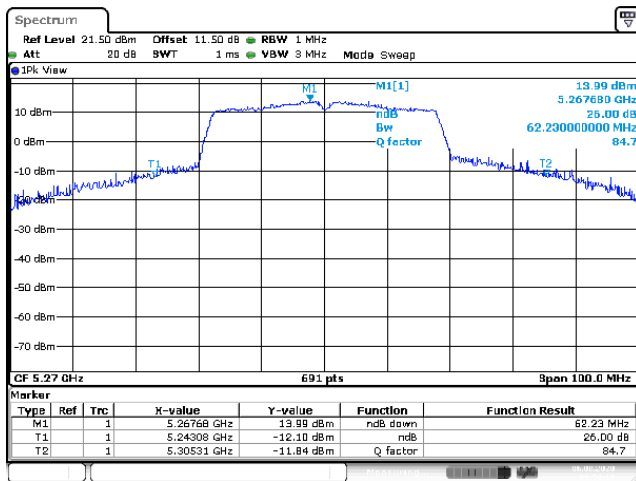




26dB Bandwidth, Band 2

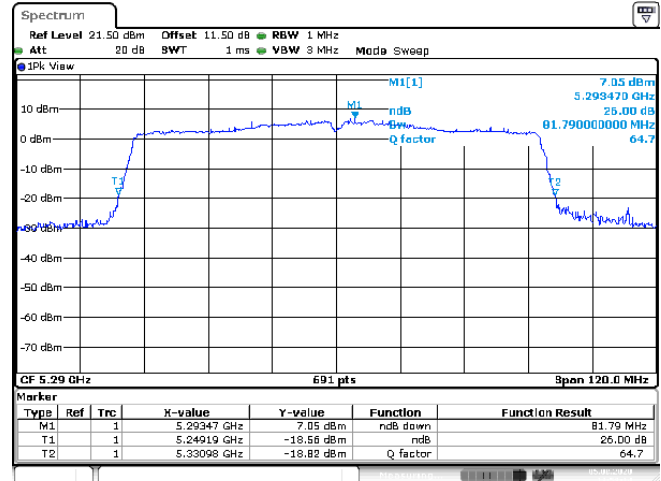
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH54

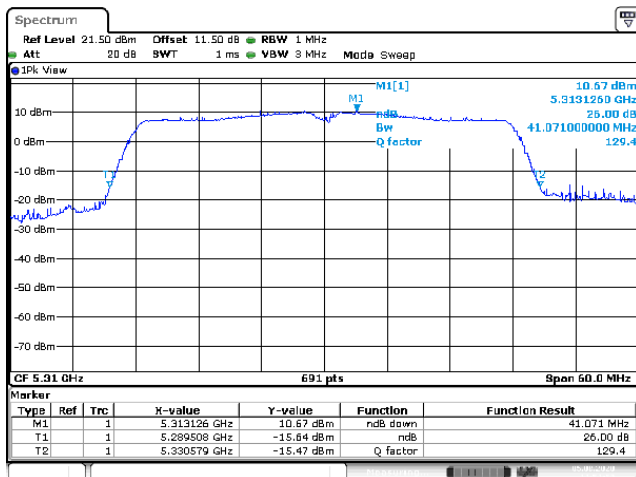


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH58



CH62

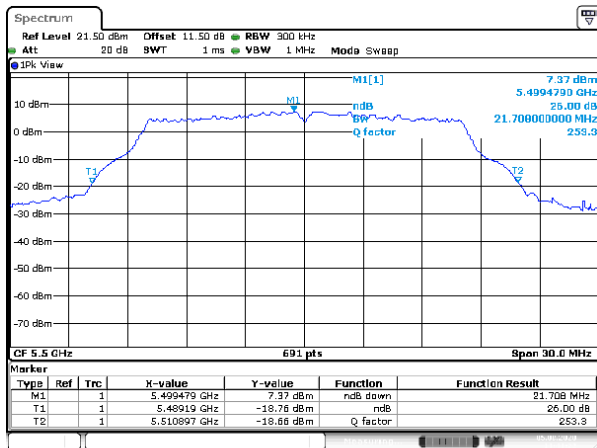




26dB Bandwidth, Band 3

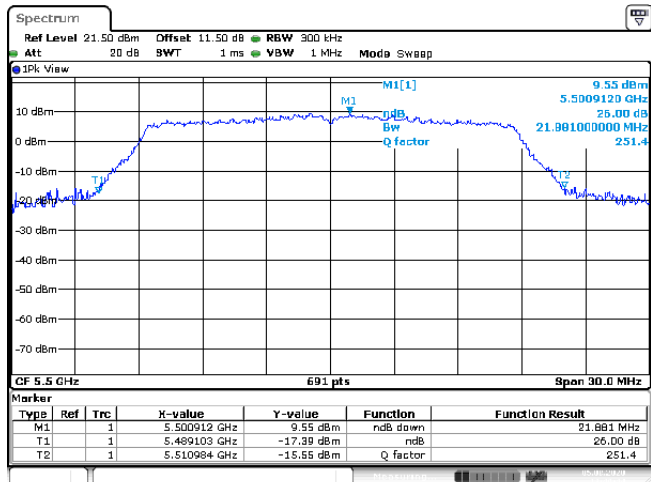
Modulation Type: 802.11a (6Mbps)

CH100

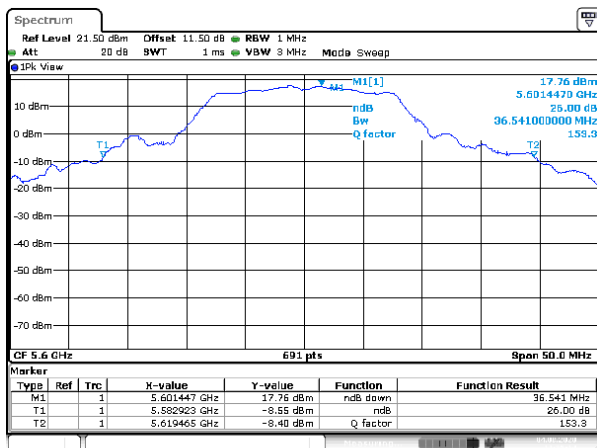


Modulation Type: 802.11ac VHT20 (6.5Mbps)

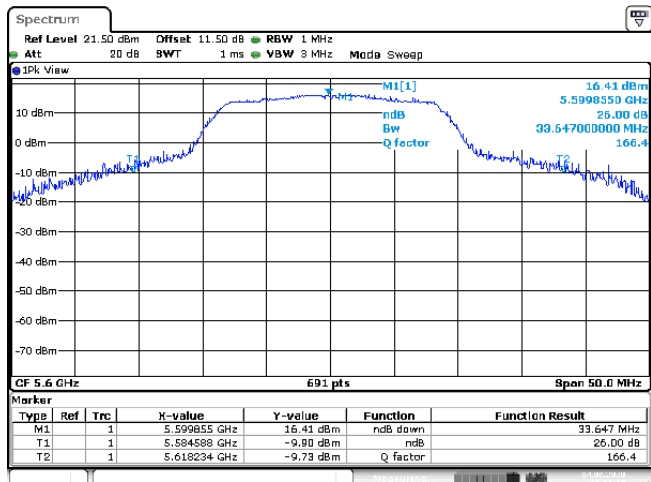
CH100



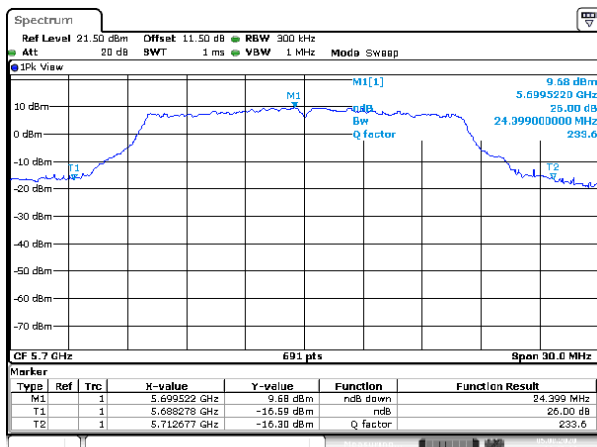
CH120



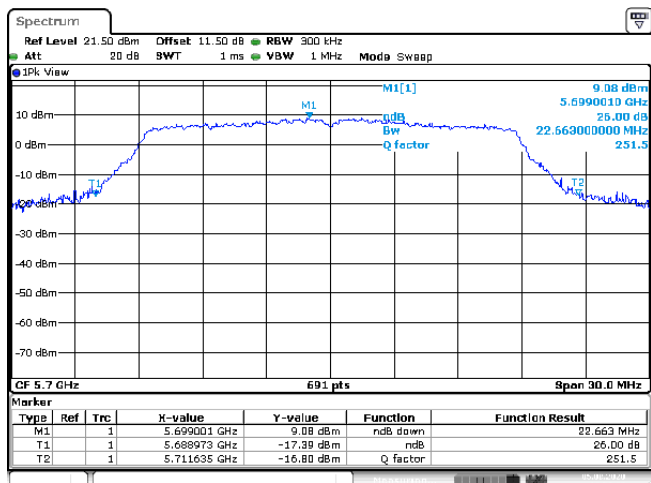
CH120



CH140



CH140

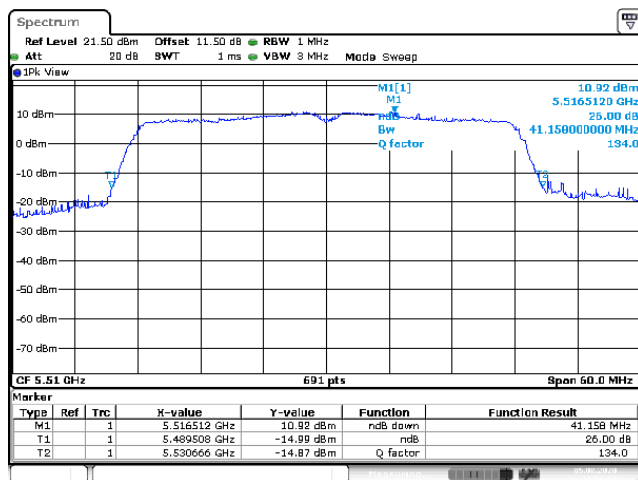




26dB Bandwidth, Band 3

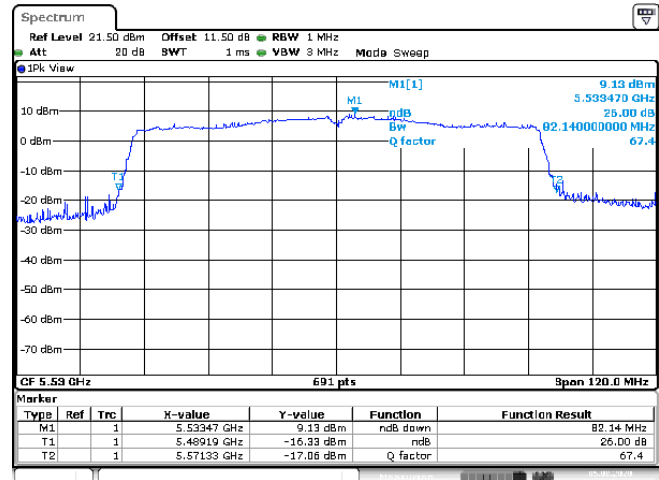
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH102

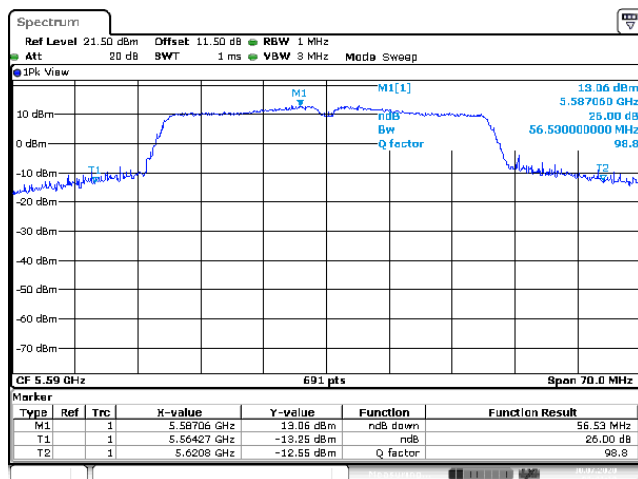


Modulation Type: 802.11ac VHT80 (29.3Mbps)

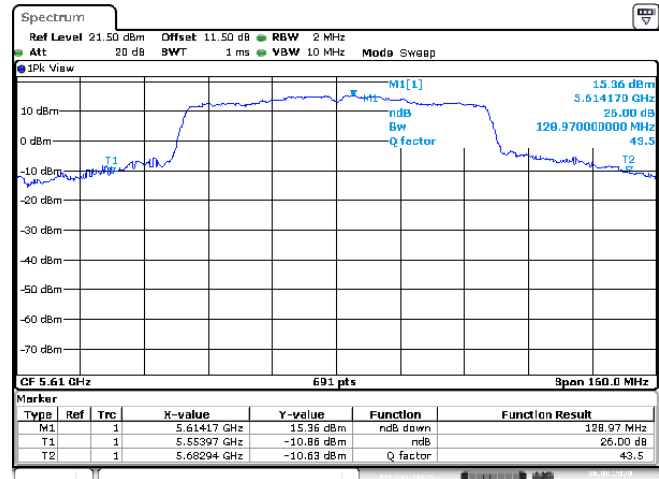
CH106



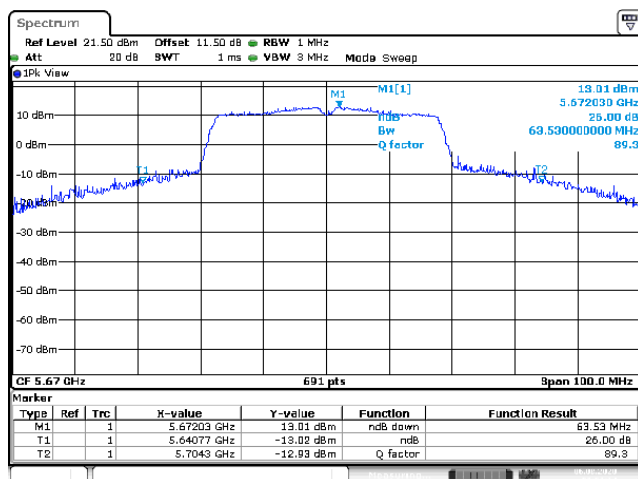
CH118



CH122



CH134



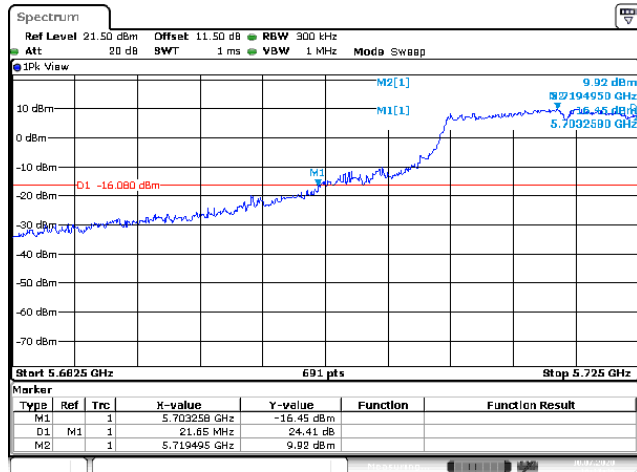


26dB Bandwidth

Within 5470-5725MHz Band, Straddle Channel

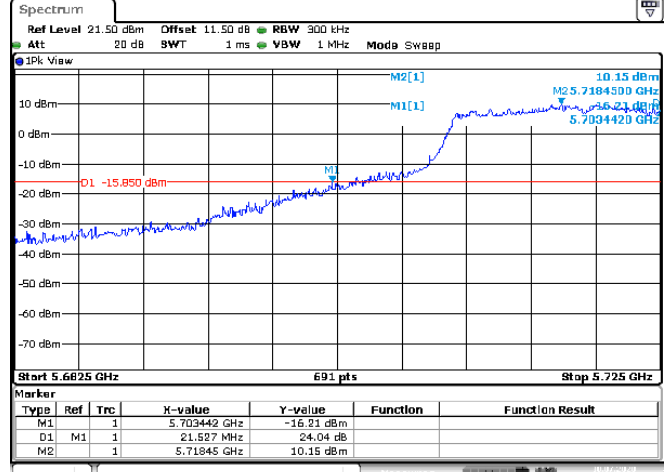
Modulation Type: 802.11a (6Mbps)

CH144



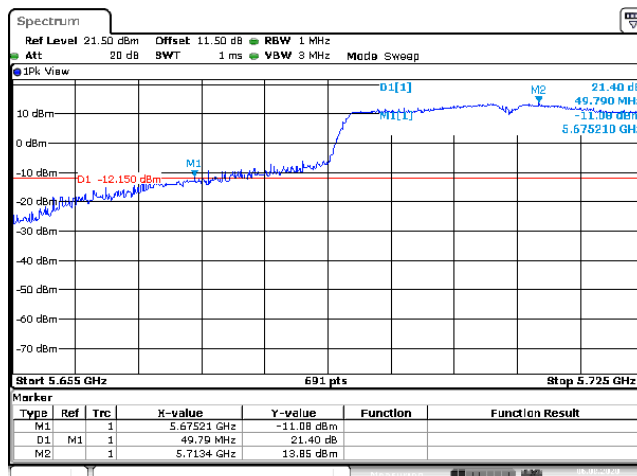
Modulation Type: 802.11ac VHT20 (6.5Mbps)

CH144



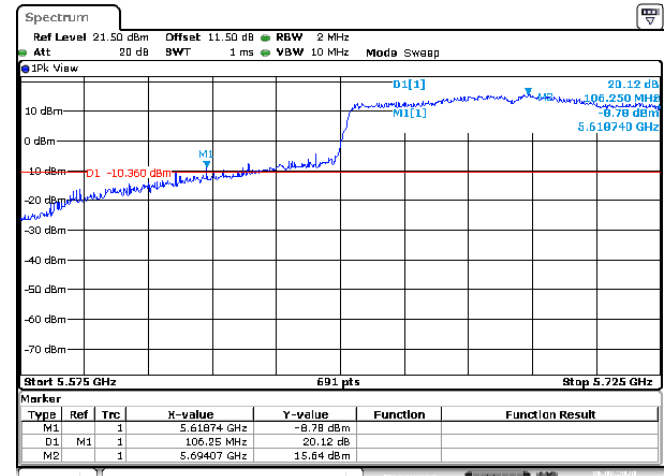
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH142



Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH138

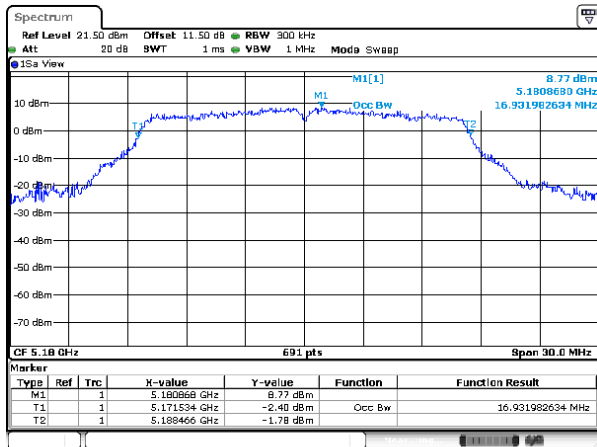




99% Bandwidth, Band 1

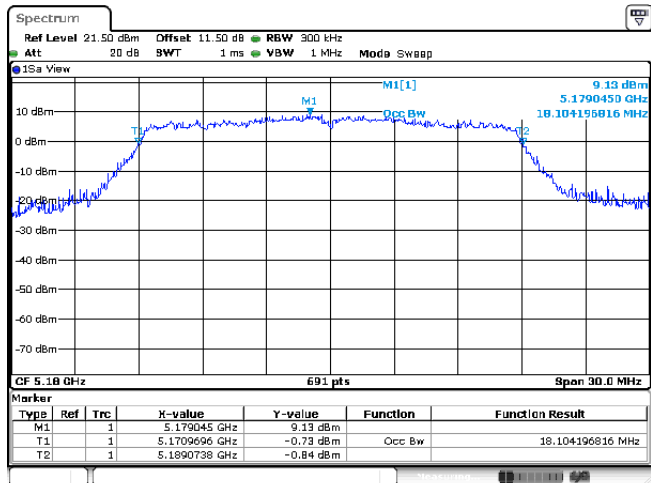
Modulation Type: 802.11a (6Mbps)

CH36

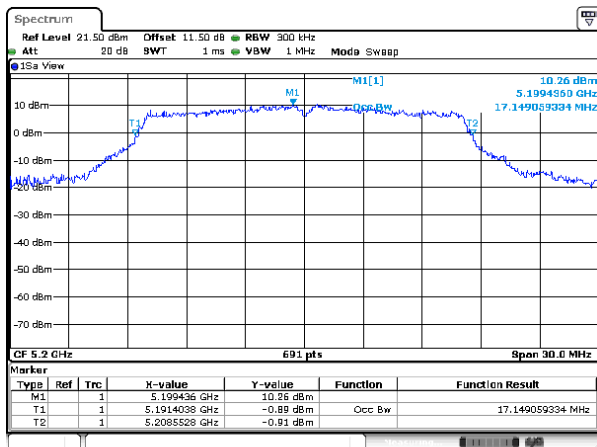


Modulation Type: 802.11ac VHT20 (6.5Mbps)

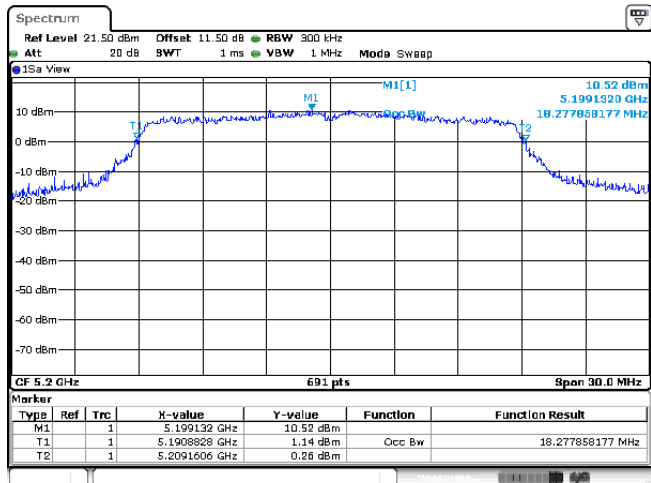
CH36



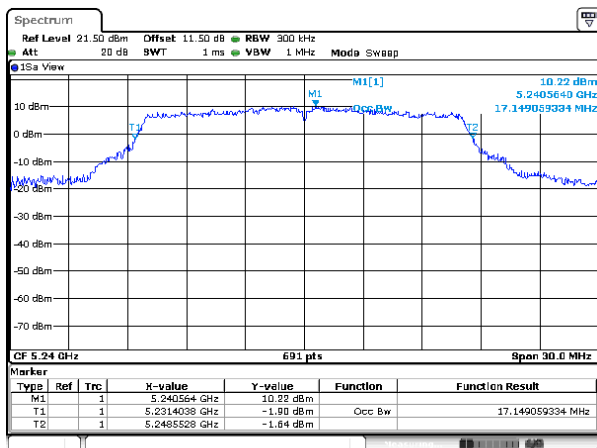
CH40



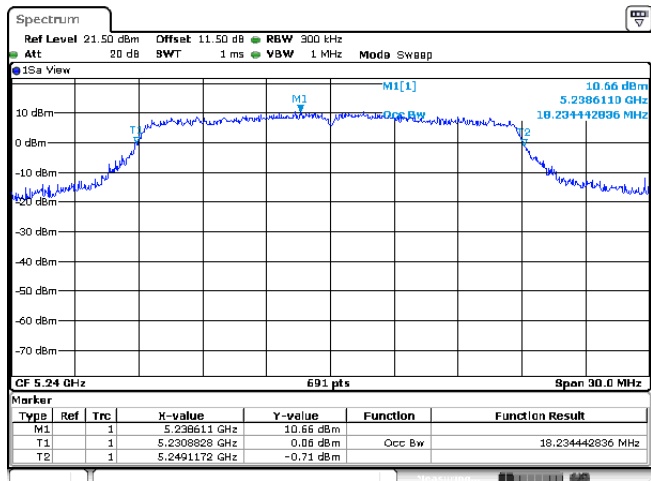
CH40



CH48



CH48

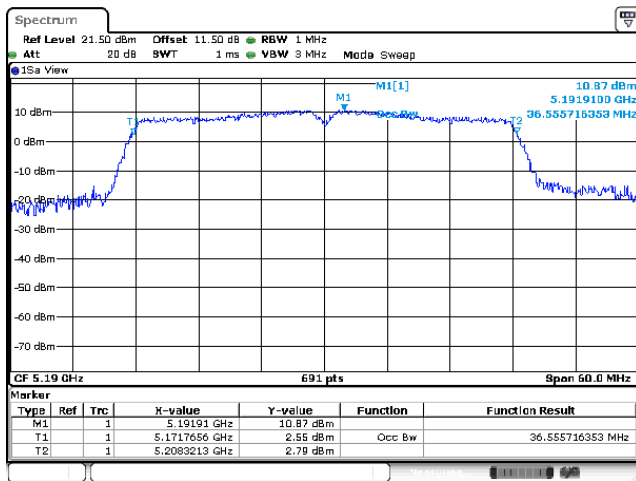




99% Bandwidth, Band 1

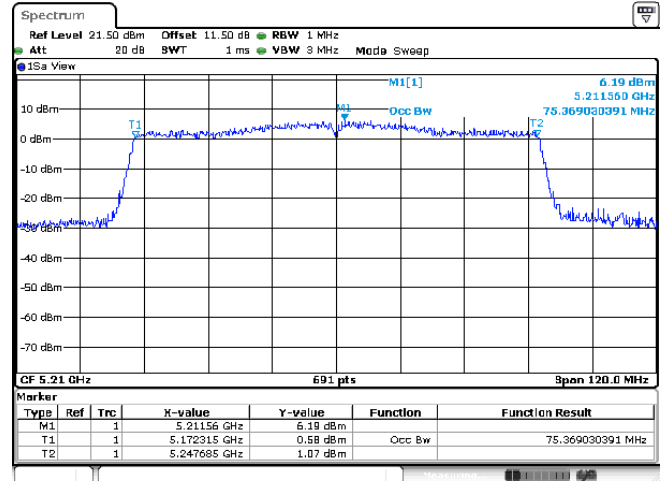
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH38

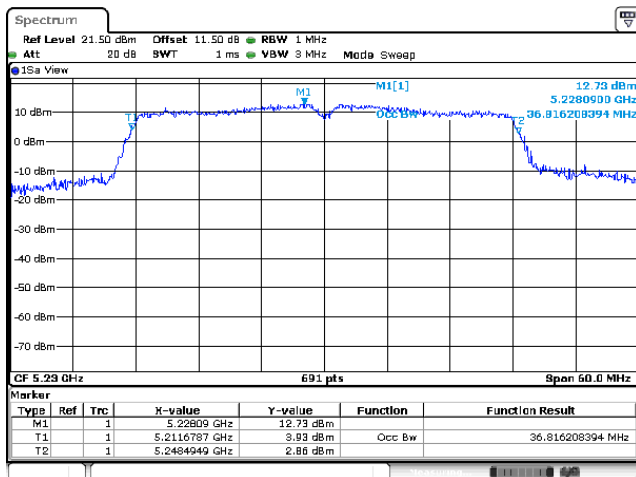


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH42



CH46

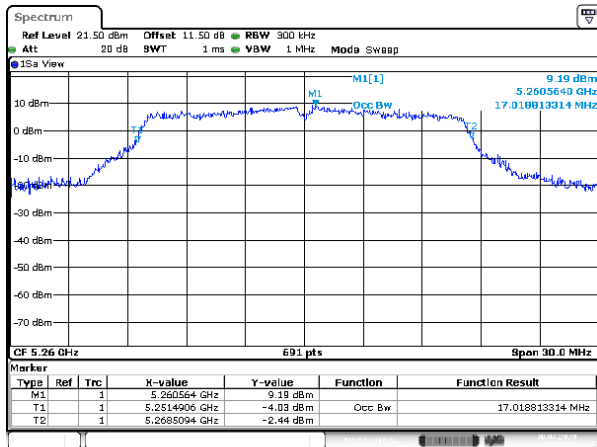




99% Bandwidth, Band 2

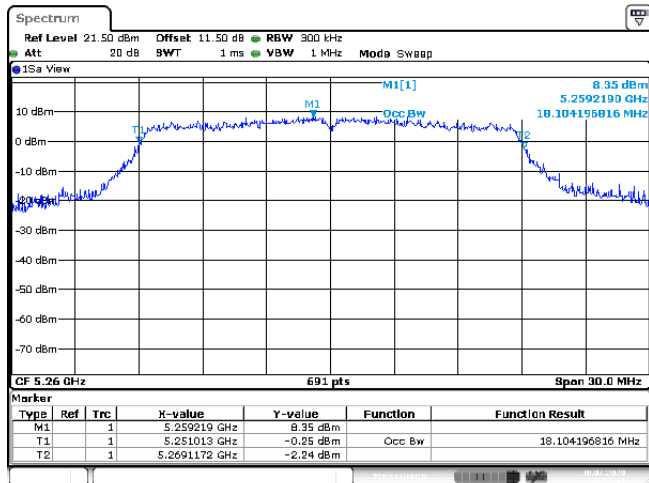
Modulation Type: 802.11a (6Mbps)

CH52

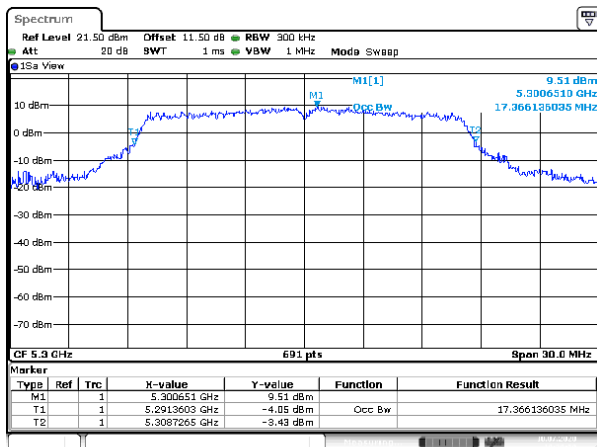


Modulation Type: 802.11ac VHT20 (6.5Mbps)

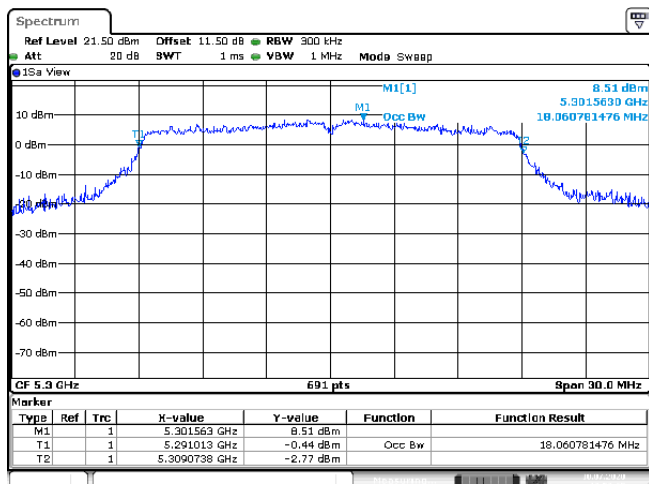
CH52



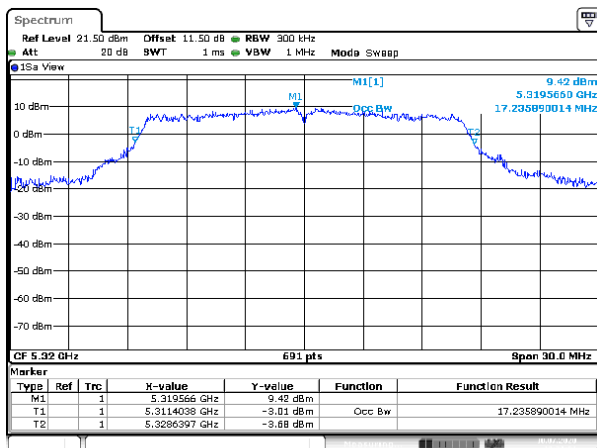
CH60



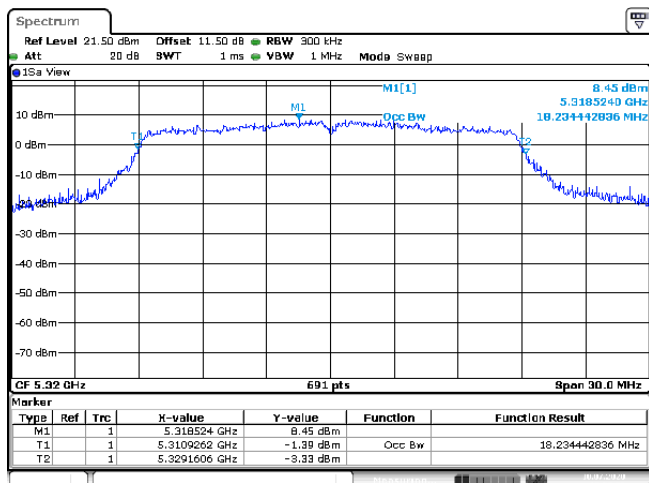
CH60



CH64



CH64

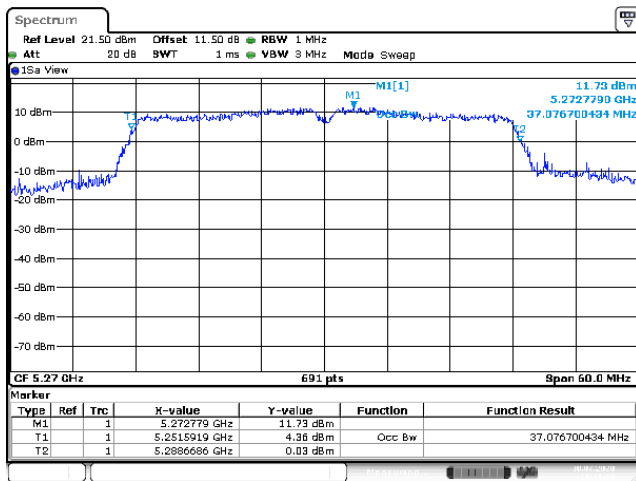




99% Bandwidth, Band 2

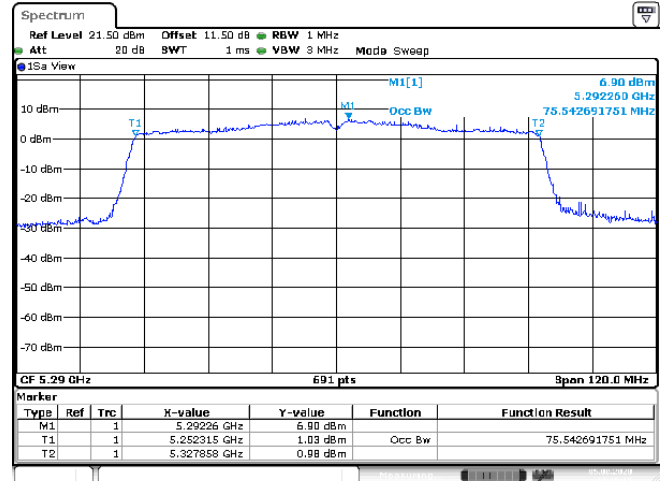
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH54

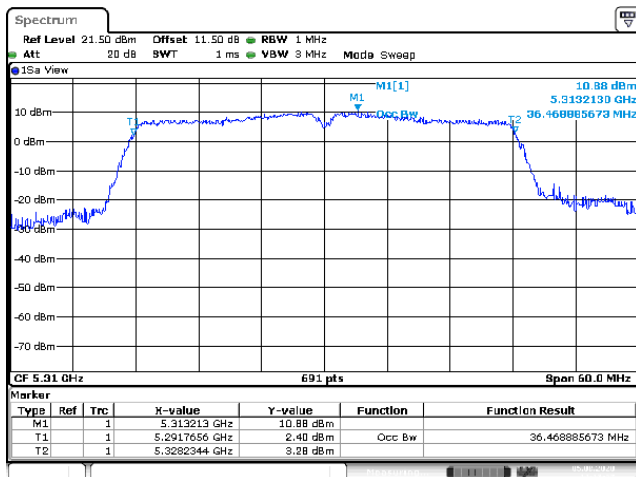


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH58



CH62

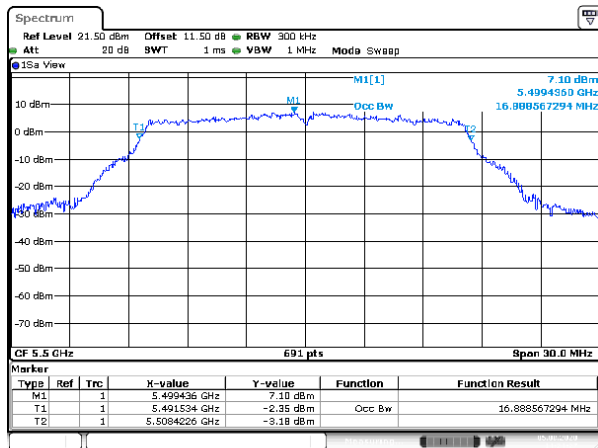




99% Bandwidth, Band 3

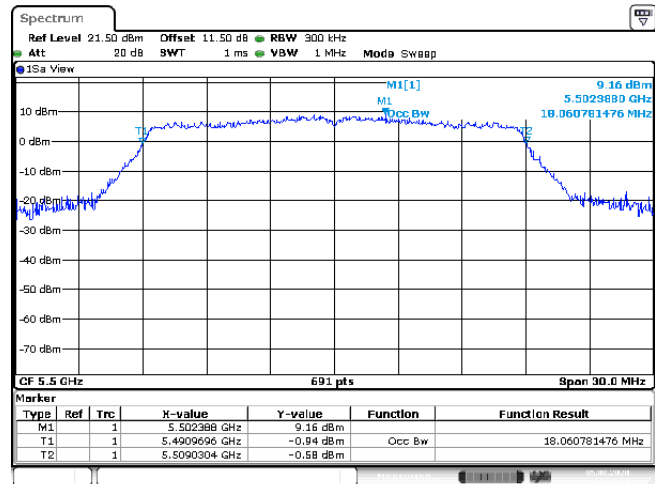
Modulation Type: 802.11a (6Mbps)

CH100

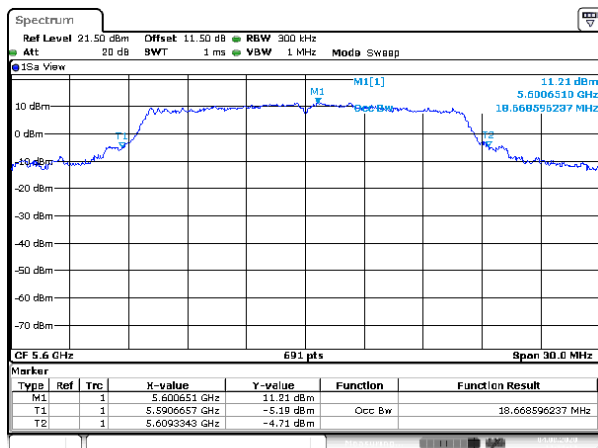


Modulation Type: 802.11ac VHT20 (6.5Mbps)

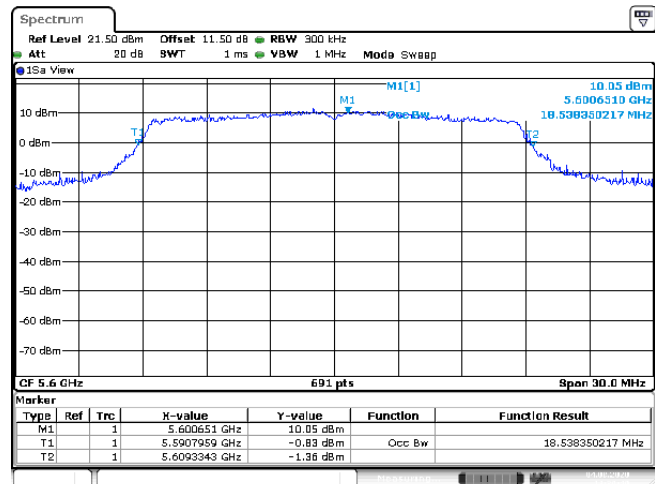
CH100



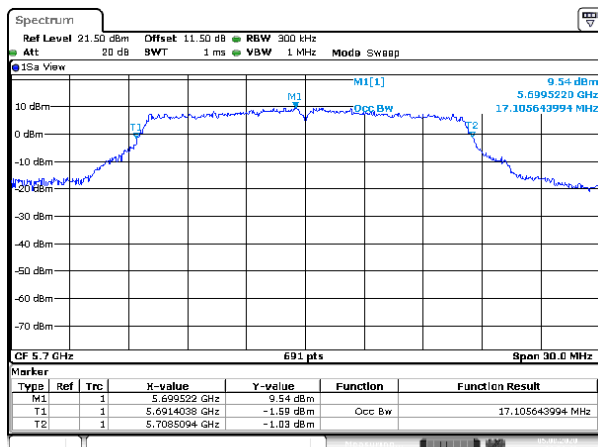
CH120



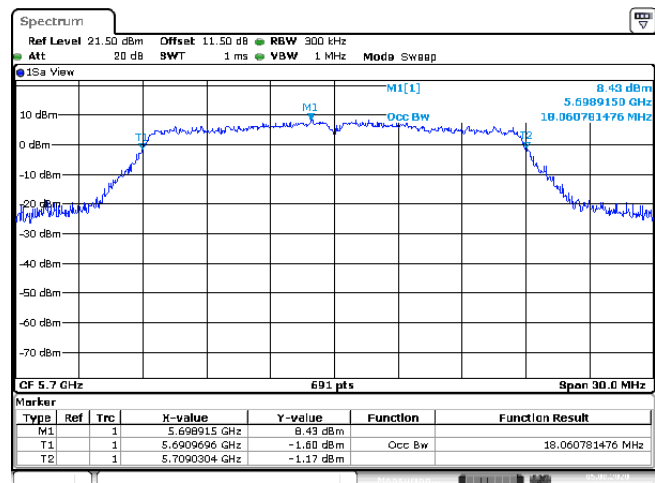
CH120



CH140



CH140

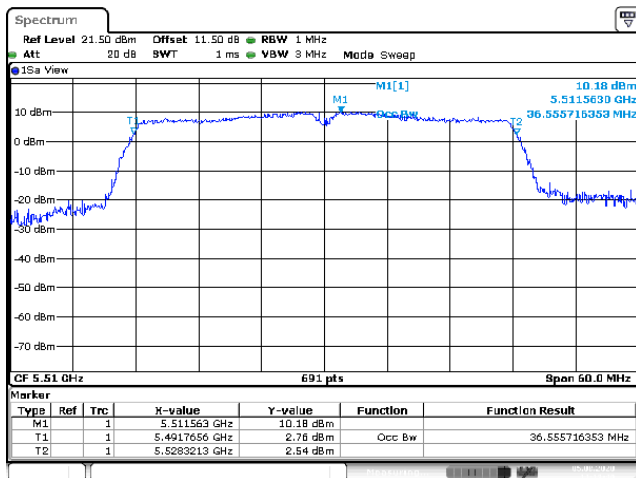




99% Bandwidth, Band 3

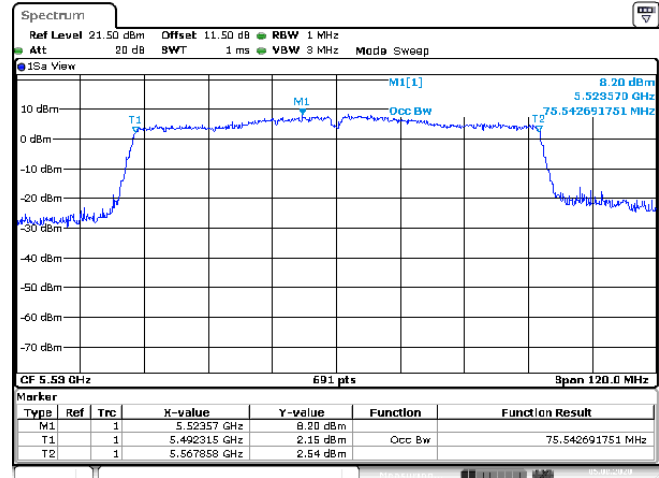
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH102

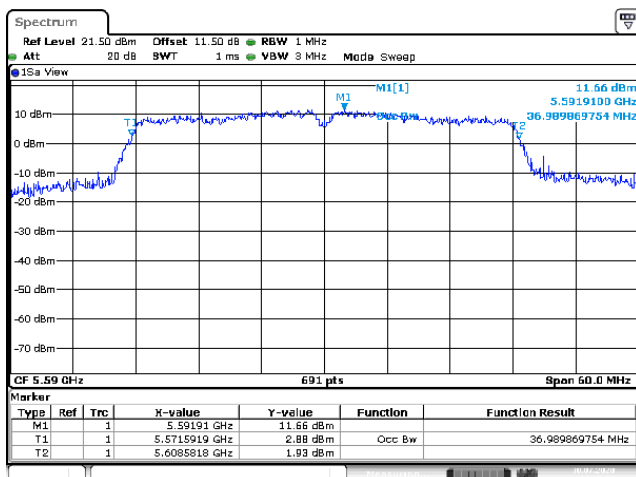


Modulation Type: 802.11ac VHT80 (29.3Mbps)

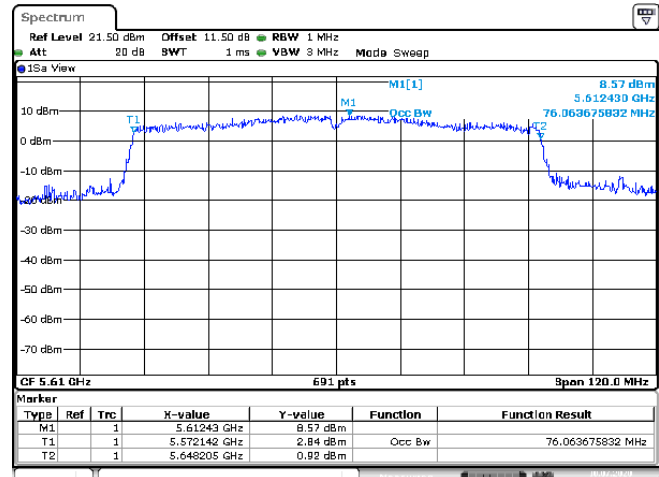
CH106



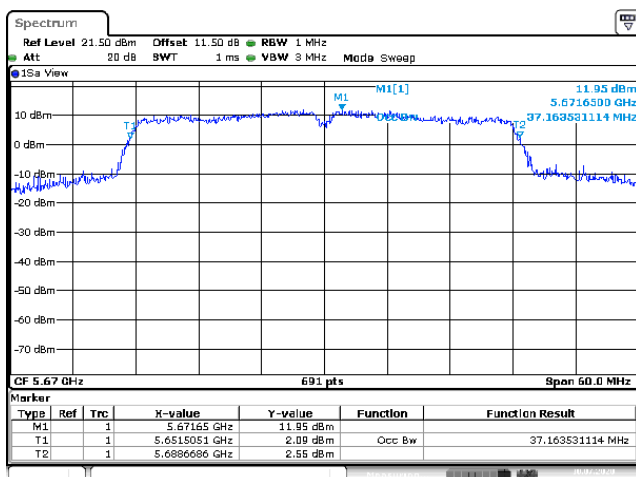
CH118



CH122



CH134



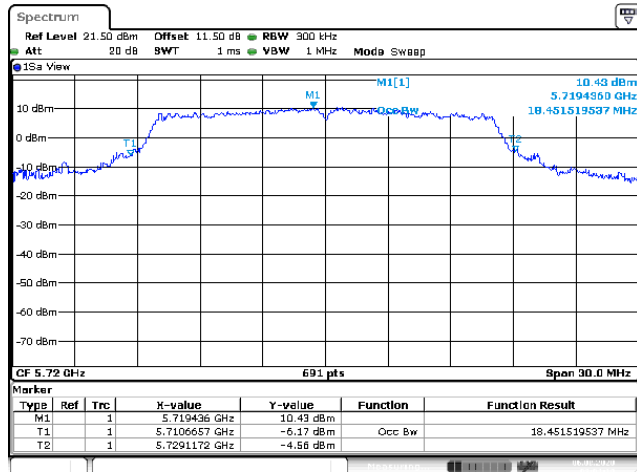


99% Bandwidth

Straddle Channel ,Within 5470-5725MHz Band 99% Bandwidth = 5725MHz-T1 Point(MHz)

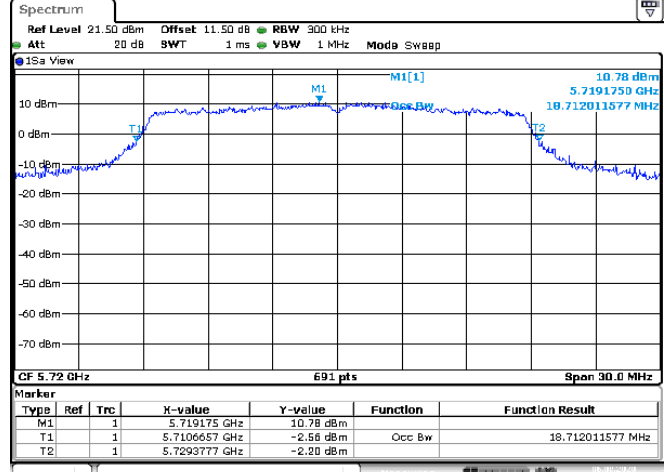
Modulation Type: 802.11a (6Mbps)

CH144



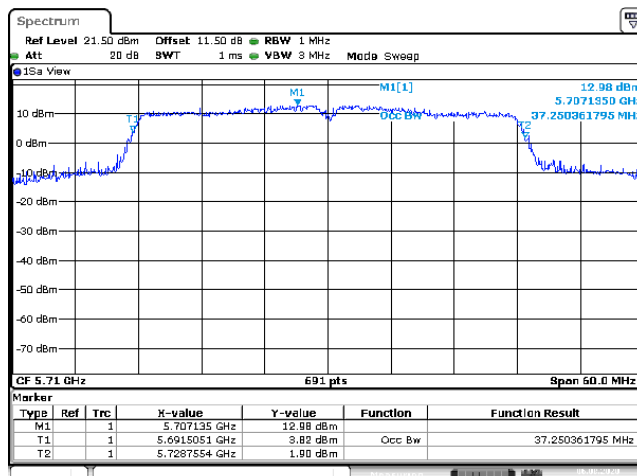
Modulation Type: 802.11ac VHT20 (6.5Mbps)

CH144



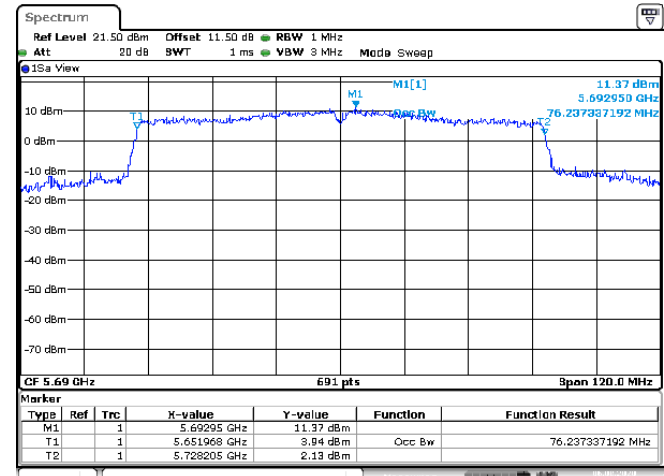
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH142



Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH138





10. Average Power

10.1. Test Limit

Output Power:

Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. 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. The maximum e.i.r.p. at any elevation angle above 30degrees as measured from the horizon must not exceed 125 mW (21 dBm).
☐	Indoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. 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.
☐	Fixed point-to-point access points	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.
☒	client devices	The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. 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.



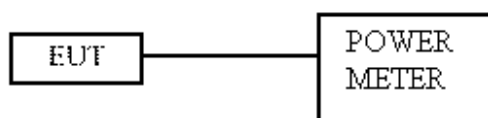
Frequency Band		Limit
☒	5.25-5.35 GHz	The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, 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.
☒	5.470-5.725 GHz	
☒	5.725~5.85 GHz	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). 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. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

10.2.Test Procedure

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 11.5 dB (including 10 dB pad and 1.5 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

10.3.Test Setup Layout





10.4. Test Result and Data

In the 5.2GHz Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A			
11a	6 Mbps	62	36	5180	17.31	17.31	53.827	24.00
11a	6 Mbps	68	40	5200	18.77	18.77	75.336	24.00
11a	6 Mbps	68	48	5240	18.68	18.68	73.790	24.00
11n HT20	MCS 0	64	36	5180	17.31	17.31	53.827	24.00
11n HT20	MCS 0	70	40	5200	18.76	18.76	75.162	24.00
11n HT20	MCS 0	70	48	5240	18.75	18.75	74.989	24.00
11n HT40	MCS 0	60	38	5190	16.37	16.37	43.351	24.00
11n HT40	MCS 0	68	46	5230	18.61	18.61	72.611	24.00
11ac VHT20	NSS1-MCS0	64	36	5180	17.34	17.34	54.200	24.00
11ac VHT20	NSS1-MCS0	70	40	5200	18.80	18.80	75.858	24.00
11ac VHT20	NSS1-MCS0	70	48	5240	18.77	18.77	75.336	24.00
11ac VHT40	NSS1-MCS0	60	38	5190	16.41	16.41	43.752	24.00
11ac VHT40	NSS1-MCS0	68	46	5230	18.66	18.66	73.451	24.00
11ac VHT80	NSS1-MCS0	54	42	5210	14.66	14.66	29.242	24.00



In the 5.3GHz Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A			
11a	6 Mbps	68	52	5260	18.71	18.71	74.302	24.00
11a	6 Mbps	70	60	5300	18.80	18.80	75.858	24.00
11a	6 Mbps	70	64	5320	18.79	18.79	75.683	24.00
11n HT20	MCS 0	70	52	5260	18.71	18.71	74.302	24.00
11n HT20	MCS 0	70	60	5300	18.60	18.60	72.444	24.00
11n HT20	MCS 0	70	64	5320	18.51	18.51	70.958	24.00
11n HT40	MCS 0	70	54	5270	18.53	18.53	71.285	24.00
11n HT40	MCS 0	54	62	5310	14.72	14.72	29.648	24.00
11ac VHT20	NSS1-MCS0	70	52	5260	18.72	18.72	74.473	24.00
11ac VHT20	NSS1-MCS0	70	60	5300	18.63	18.63	72.946	24.00
11ac VHT20	NSS1-MCS0	70	64	5320	18.56	18.56	71.779	24.00
11ac VHT40	NSS1-MCS0	70	54	5270	18.55	18.55	71.614	24.00
11ac VHT40	NSS1-MCS0	54	62	5310	14.78	14.78	30.061	24.00
11ac VHT80	NSS1-MCS0	48	58	5290	13.27	13.27	21.232	24.00



In the 5.5GHz Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A			
11a	6 Mbps	54	100	5500	14.60	14.60	28.840	24.00
11a	6 Mbps	72	120	5600	18.47	18.47	70.307	24.00
11a	6 Mbps	68	140	5700	17.34	17.34	54.200	24.00
11n HT20	MCS 0	62	100	5500	16.15	16.15	41.210	24.00
11n HT20	MCS 0	72	120	5600	18.51	18.51	70.958	24.00
11n HT20	MCS 0	64	140	5700	15.92	15.92	39.084	24.00
11n HT40	MCS 0	56	102	5510	14.66	14.66	29.242	24.00
11n HT40	MCS 0	70	118	5590	18.41	18.41	69.343	24.00
11n HT40	MCS 0	70	134	5670	18.01	18.01	63.241	24.00
11ac VHT20	NSS1-MCS0	62	100	5500	16.17	16.17	41.400	24.00
11ac VHT20	NSS1-MCS0	72	120	5600	18.55	18.55	71.614	24.00
11ac VHT20	NSS1-MCS0	64	140	5700	15.95	15.95	39.355	24.00
11ac VHT40	NSS1-MCS0	56	102	5510	14.69	14.69	29.444	24.00
11ac VHT40	NSS1-MCS0	70	118	5590	18.46	18.46	70.146	24.00
11ac VHT40	NSS1-MCS0	70	134	5670	18.02	18.02	63.387	24.00
11ac VHT80	NSS1-MCS0	60	106	5530	15.33	15.33	34.119	24.00
11ac VHT80	NSS1-MCS0	72	122	5610	18.57	18.57	71.945	24.00



FCC Maximum Conducted Output Power (Within 5470-5725MHz band) RF Output Power(dBm)								
Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)	W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
			ANT A					
11a	6M	5720	17.81	17.81	0.26	64.121	18.07	24.00
11n HT20	MCS0	5720	17.45	17.45	0.28	59.293	17.73	24.00
11n HT40	MCS0	5710	17.74	17.74	0.57	67.764	18.31	24.00
11ac VHT20	NSS1-MCS0	5720	17.50	17.50	0.28	59.979	17.78	24.00
11ac VHT40	NSS1-MCS0	5710	17.77	17.77	0.57	68.234	18.34	24.00
11ac VHT80	NSS1-MCS0	5690	17.44	17.44	1.05	70.632	18.49	24.00

FCC Maximum Conducted Output Power (Extends across 5725MHz band) RF Output Power(dBm)								
Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)	W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
			ANT A					
11a	6M	5720	10.50	10.50	0.26	11.912	10.76	30.00
11n HT20	MCS0	5720	10.63	10.63	0.28	12.331	10.91	30.00
11n HT40	MCS0	5710	6.34	6.34	0.57	4.909	6.91	30.00
11ac VHT20	NSS1-MCS0	5720	10.65	10.65	0.28	12.388	10.93	30.00
11ac VHT40	NSS1-MCS0	5710	6.39	6.39	0.57	4.966	6.96	30.00
11ac VHT80	NSS1-MCS0	5690	2.55	2.55	1.05	2.291	3.60	30.00



Reference Power Meter

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Avg Power Output (dBm)	Total Power
					ANT A	(dBm)
Meter power (for full power)						
11a	6 Mbps	74	Ch144	5720MHz	18.87	18.87
11n HT20	MCS 0	74	Ch144	5720MHz	18.63	18.63
11n HT40	MCS 0	72	Ch142	5710MHz	18.59	18.59
11ac VHT20	NSS1-MCS0	74	Ch144	5720MHz	18.66	18.66
11ac VHT40	NSS1-MCS0	72	Ch142	5710MHz	18.62	18.62
11ac VHT80	NSS1-MCS0	74	Ch138	5690MHz	18.85	18.85

*For Power Meter reference only

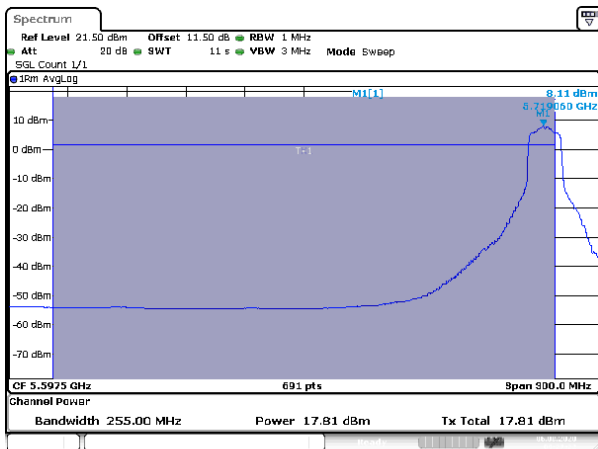


In the 5.8GHz Band

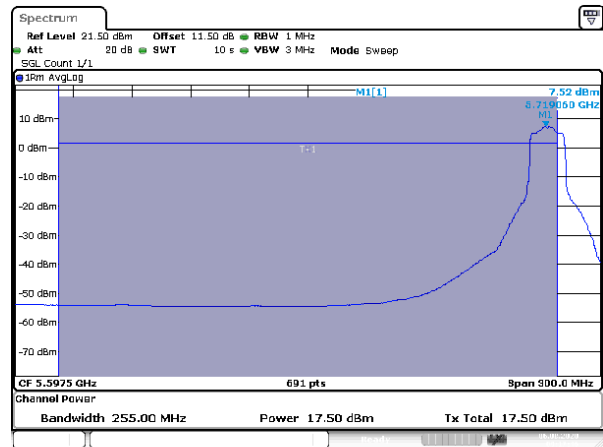
Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A			
11a	6 Mbps	72	149	5745	18.70	18.70	74.131	30.00
11a	6 Mbps	72	157	5785	18.62	18.62	72.778	30.00
11a	6 Mbps	74	165	5825	18.88	18.88	77.268	30.00
11n HT20	MCS 0	72	149	5745	18.58	18.58	72.111	30.00
11n HT20	MCS 0	72	157	5785	18.47	18.47	70.307	30.00
11n HT20	MCS 0	74	165	5825	18.62	18.62	72.778	30.00
11n HT40	MCS 0	70	151	5755	18.51	18.51	70.958	30.00
11n HT40	MCS 0	72	159	5795	18.63	18.63	72.946	30.00
11ac VHT20	NSS1-MCS0	72	149	5745	18.62	18.62	72.778	30.00
11ac VHT20	NSS1-MCS0	72	157	5785	18.52	18.52	71.121	30.00
11ac VHT20	NSS1-MCS0	74	165	5825	18.64	18.64	73.114	30.00
11ac VHT40	NSS1-MCS0	70	151	5755	18.56	18.56	71.779	30.00
11ac VHT40	NSS1-MCS0	72	159	5795	18.66	18.66	73.451	30.00
11ac VHT80	NSS1-MCS0	72	155	5775	18.46	18.46	70.146	30.00



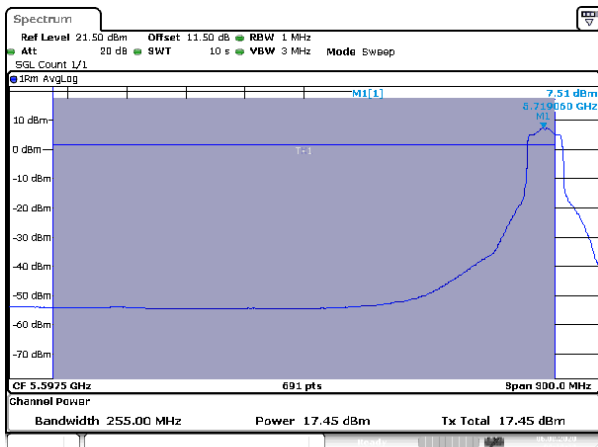
Within 5470-5725MHz Band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



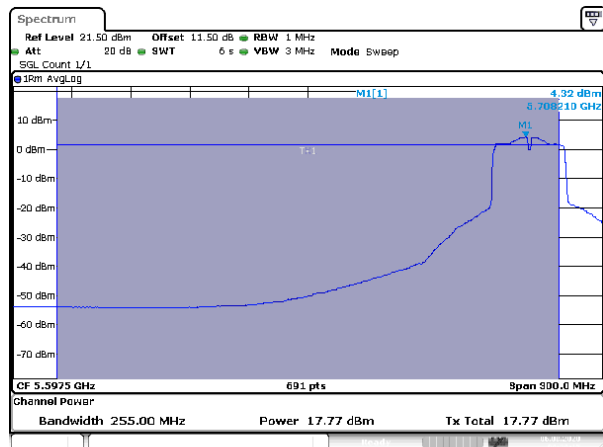
Modulation Type 802.11ac VHT20 (6.5Mbps)
CH144



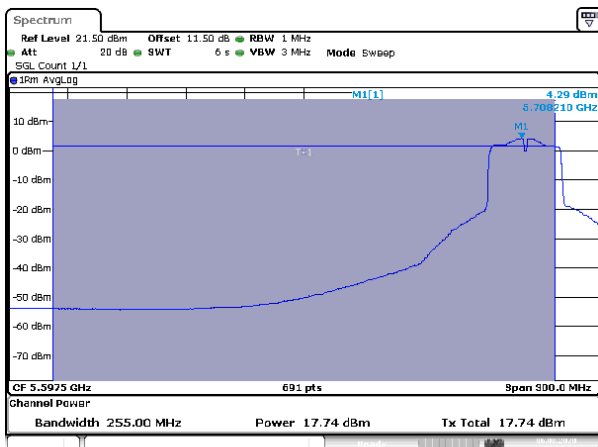
Modulation Type: 802.11n HT20 (6.5Mbps)
CH144



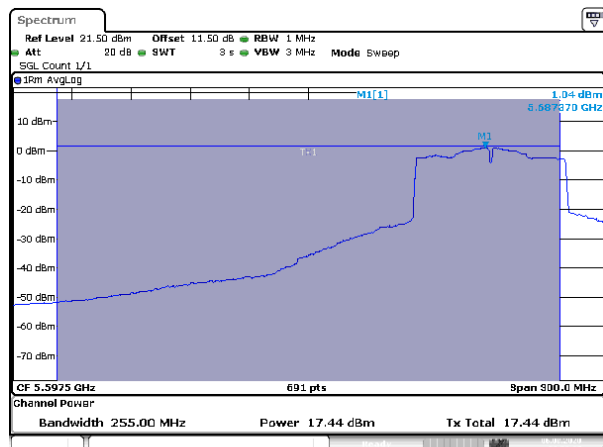
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH142



Modulation Type: 802.11n HT40 (13.5Mbps)
CH142

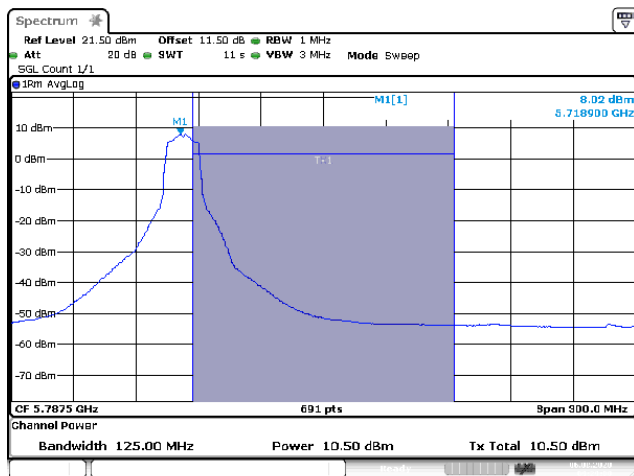


Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH138

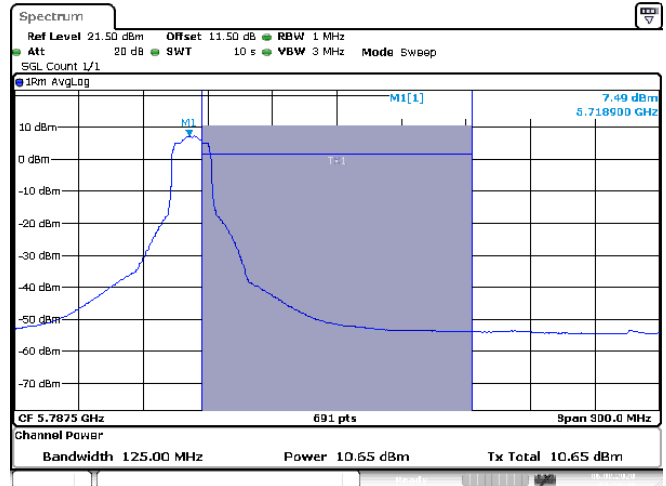




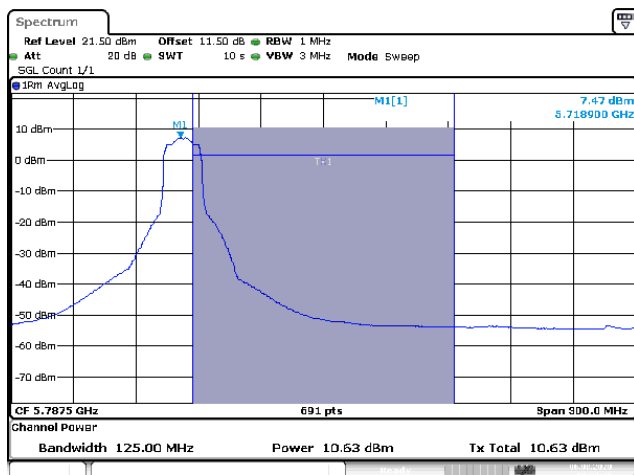
Extends across 5725MHz band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



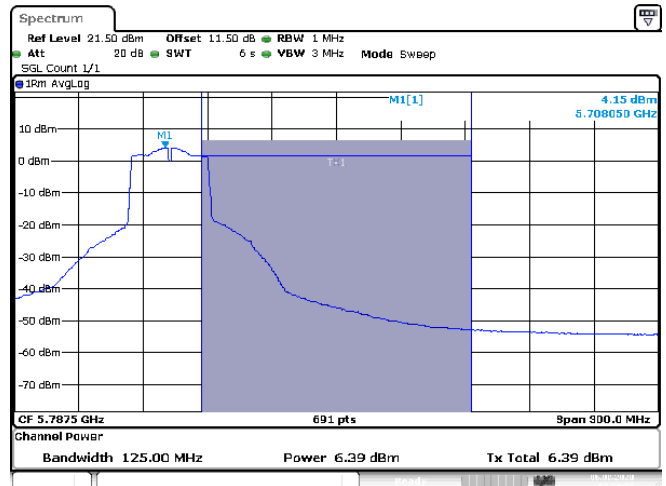
Modulation Type 802.11ac VHT20 (6.5Mbps)
CH144



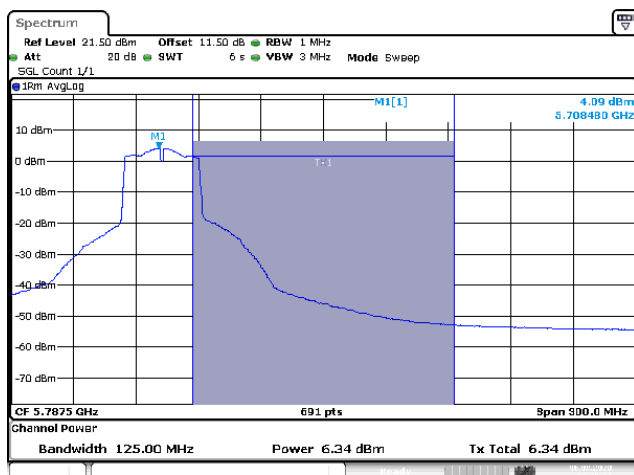
Modulation Type: 802.11n HT20 (6.5Mbps)
CH144



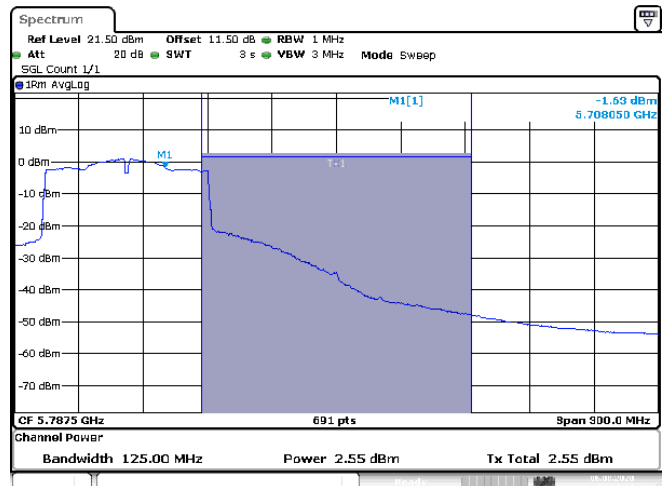
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH142



Modulation Type: 802.11n HT40 (13.5Mbps)
CH142



Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH138





11. Power Spectral Density

11.1. Test Limit

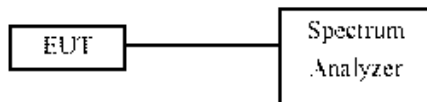
PSD:

Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	17 dBm/MHz
☐	Indoor access point	17 dBm/MHz
☐	Fixed point-to-point access points	17 dBm/MHz
☒	Mobile and portable client devices	11 dBm/MHz
☒	5.725~5.85 GHz	11 dBm/MHz
☒	5.470-5.725 GHz	11 dBm/MHz
☒	5.725~5.85 GHz	30 dBm/500kHz

11.2. Test Procedure

Reference to KDB789033 D02 General UNII Test Procedures New Rules v02r01

11.3. Test Setup Layout





11.4. Test Result and Data

In the 5.2G Band

Modulation Type	Channel	Frequency (MHz)	Meas PSD (dBm/MHz)	Sum chain (dBm)	Duty Cycle CF(dB)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)
			ANT A				
11a	36	5180	6.38	6.38	0.26	6.64	11.00
11a	40	5200	7.91	7.91	0.26	8.17	11.00
11a	48	5240	7.77	7.77	0.26	8.03	11.00
11ac VHT20	36	5180	6.19	6.19	0.28	6.47	11.00
11ac VHT20	40	5200	7.76	7.76	0.28	8.04	11.00
11ac VHT20	48	5240	7.73	7.73	0.28	8.01	11.00
11ac VHT40	38	5190	2.06	2.06	0.57	2.63	11.00
11ac VHT40	46	5230	4.16	4.16	0.57	4.73	11.00
11ac VHT80	42	5210	-2.57	-2.57	1.05	-1.52	11.00

In the 5.3G Band

Modulation Type	Channel	Frequency (MHz)	Meas PSD (dBm/MHz)	Sum chain (dBm)	Duty Cycle CF(dB)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)
			ANT A				
11a	52	5260	7.57	7.57	0.26	7.83	11.00
11a	60	5300	7.86	7.86	0.26	8.12	11.00
11a	64	5320	7.78	7.78	0.26	8.04	11.00
11ac VHT20	52	5260	7.40	7.40	0.28	7.68	11.00
11ac VHT20	60	5300	7.34	7.34	0.28	7.62	11.00
11ac VHT20	64	5320	7.23	7.23	0.28	7.51	11.00
11ac VHT40	54	5270	4.15	4.15	0.57	4.72	11.00
11ac VHT40	62	5310	0.89	0.89	0.57	1.46	11.00
11ac VHT80	58	5290	-3.67	-3.67	1.05	-2.62	11.00



In the 5.5G Band

Modulation Type	Channel	Frequency (MHz)	Meas PSD (dBm/MHz)	Sum chain (dBm)	Duty Cycle CF(dB)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)
			ANT A				
11a	100	5500	4.64	4.64	0.26	4.90	11.00
11a	120	5600	8.74	8.74	0.26	9.00	11.00
11a	140	5700	7.21	7.21	0.26	7.47	11.00
11a	144	5720	7.95	7.95	0.26	8.21	11.00
11ac VHT20	100	5500	6.00	6.00	0.28	6.28	11.00
11ac VHT20	120	5600	7.98	7.98	0.28	8.26	11.00
11ac VHT20	140	5700	5.62	5.62	0.28	5.90	11.00
11ac VHT20	144	5720	7.36	7.36	0.57	7.93	11.00
11ac VHT40	102	5510	1.40	1.40	0.57	1.97	11.00
11ac VHT40	118	5590	4.49	4.49	0.57	5.06	11.00
11ac VHT40	134	5670	4.45	4.45	0.57	5.02	11.00
11ac VHT40	142	5710	4.95	4.95	0.57	5.52	11.00
11ac VHT80	106	5530	-1.39	-1.39	1.05	-0.34	11.00
11ac VHT80	122	5610	1.33	1.33	1.05	2.38	11.00
11ac VHT80	138	5690	1.68	1.68	1.05	2.73	11.00

In the 5.8G Band

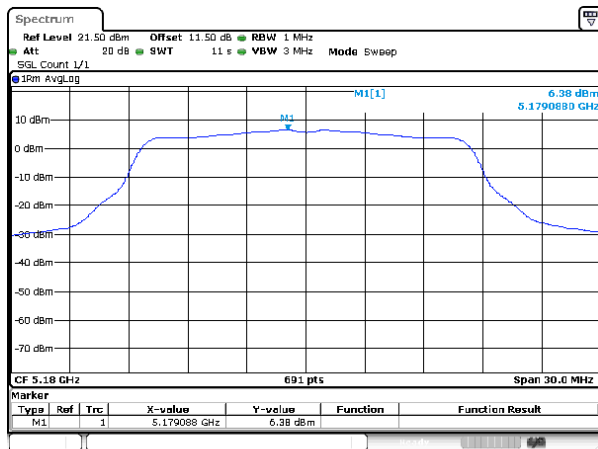
Modulation Type	Channel (MHz)	Frequency (MHz)	Meas PSD (dBm/MHz)	Sum chain (dBm)	Duty Cycle CF(dB)	10log(500KHz/RBW) CF (dB)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)
			ANT A					
11a	149	5745	7.20	7.20	0.26	-3.01	4.45	30.00
11a	157	5785	6.92	6.92	0.26	-3.01	4.17	30.00
11a	165	5825	7.22	7.22	0.26	-3.01	4.47	30.00
11ac VHT20	149	5745	6.73	6.73	0.28	-3.01	4.00	30.00
11ac VHT20	157	5785	6.43	6.43	0.28	-3.01	3.70	30.00
11ac VHT20	165	5825	6.81	6.81	0.28	-3.01	4.08	30.00
11ac VHT40	151	5755	3.19	3.19	0.57	-3.01	0.75	30.00
11ac VHT40	159	5795	3.51	3.51	0.57	-3.01	1.07	30.00
11ac VHT80	155	5775	0.22	0.22	1.05	-3.01	-1.74	30.00



5.2G, Band 1

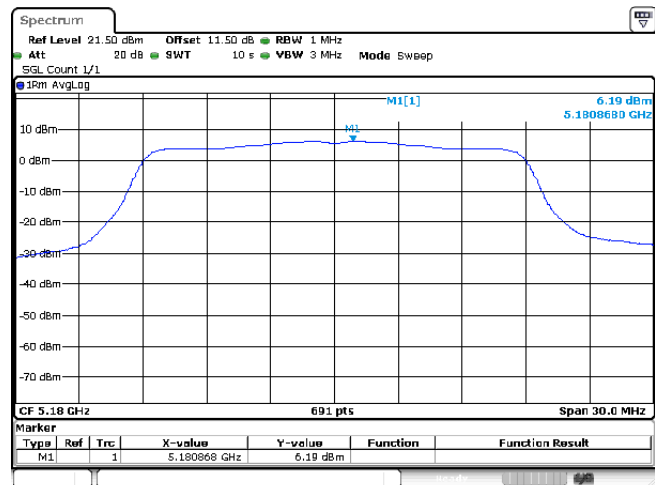
Modulation Type: 802.11a (6Mbps)

CH36

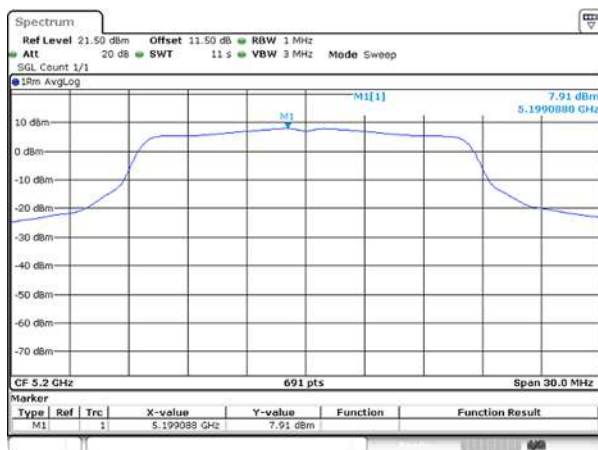


Modulation Type: 802.11ac VHT20 (6.5Mbps)

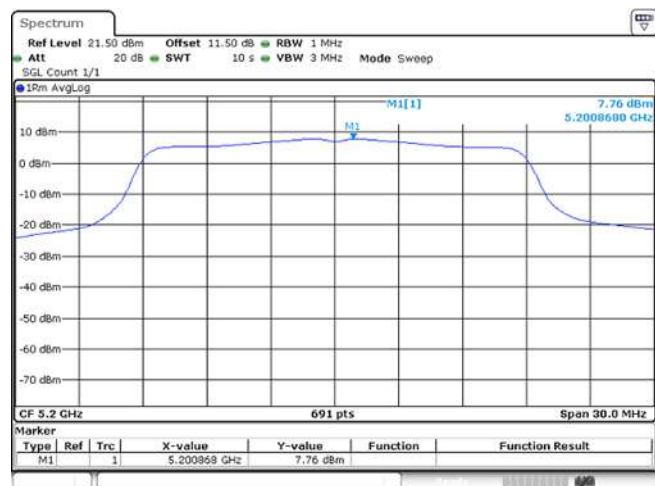
CH36



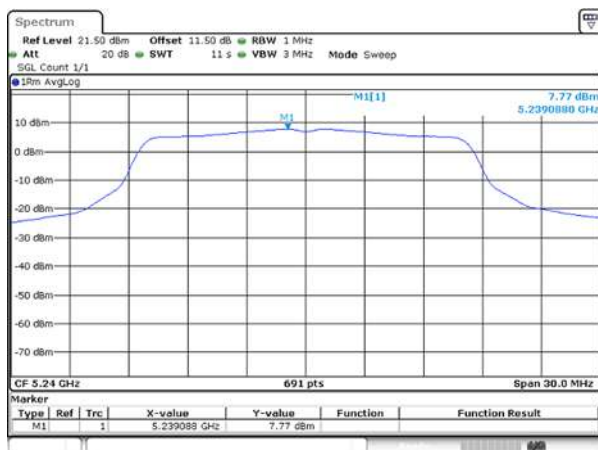
CH40



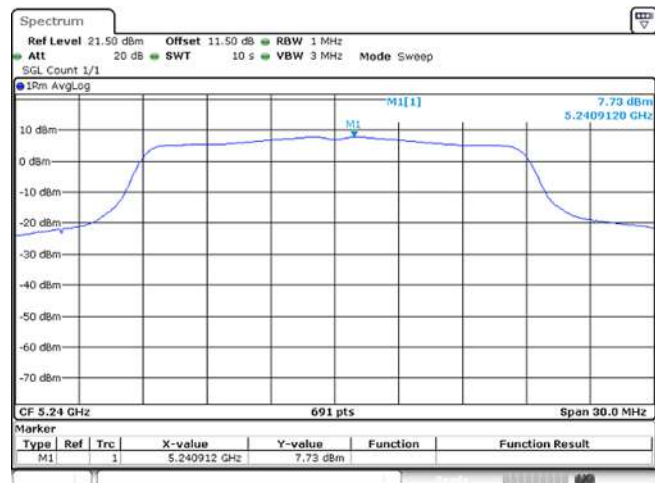
CH40



CH48



CH48

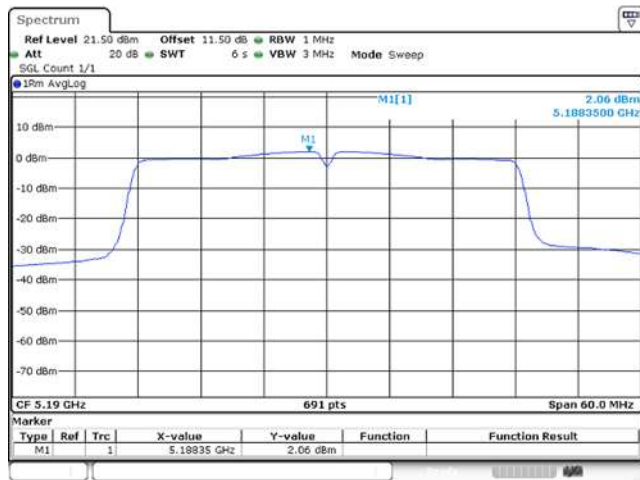




5.2G, Band 1

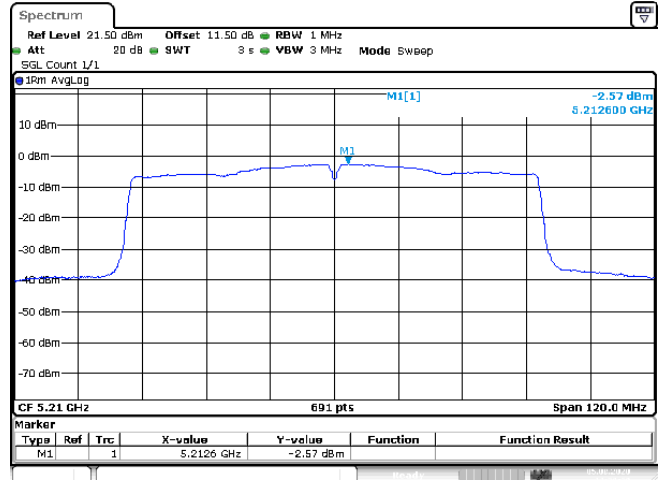
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH38

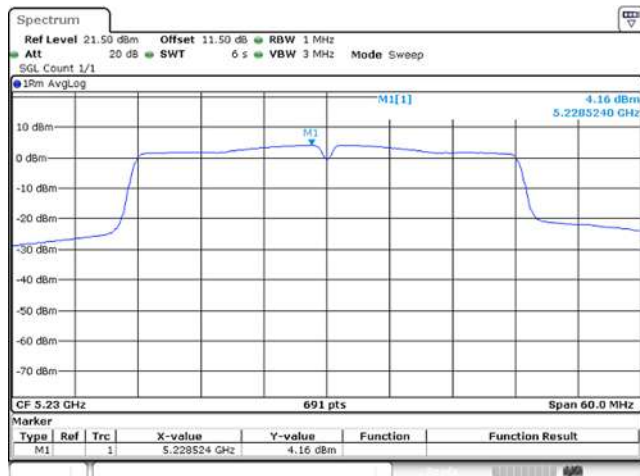


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH42



CH46

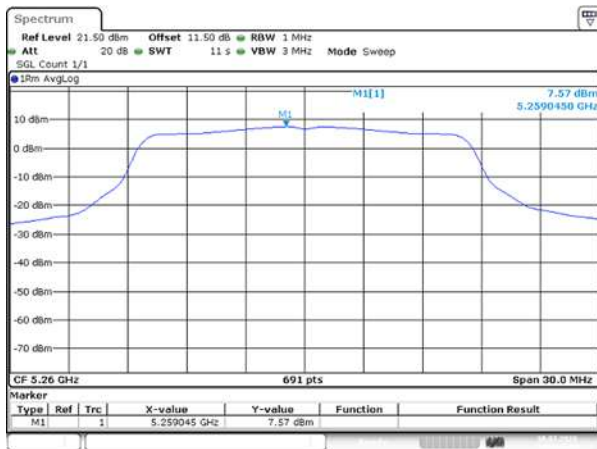




5.3G, Band 2

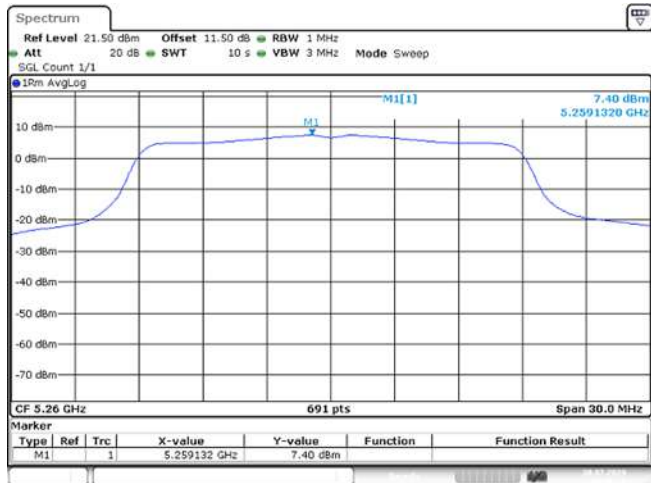
Modulation Type: 802.11a (6Mbps)

CH52

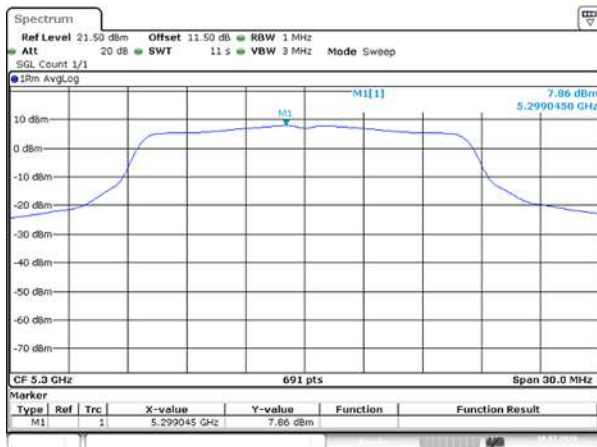


Modulation Type: 802.11ac VHT20 (6.5Mbps)

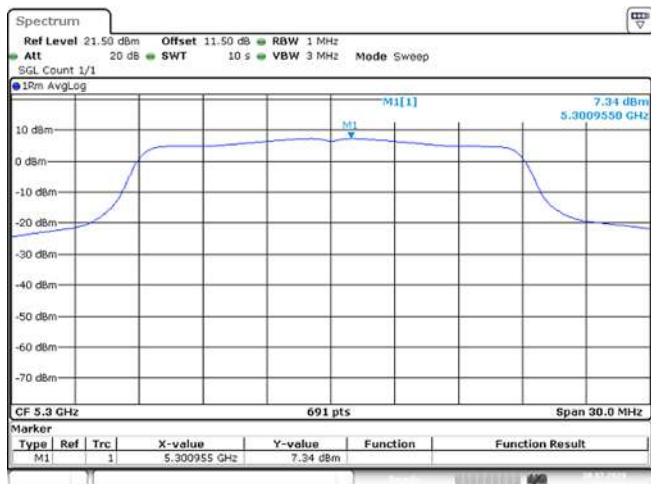
CH52



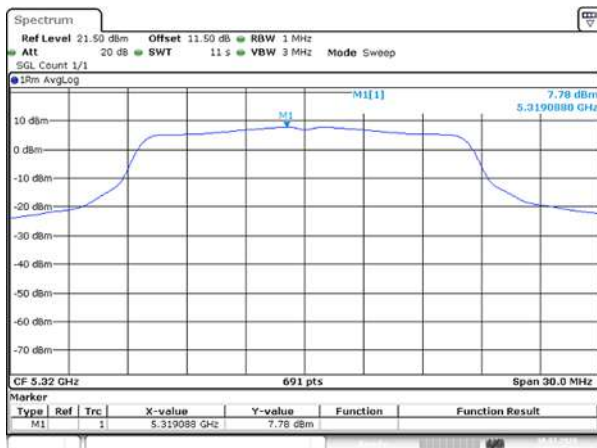
CH60



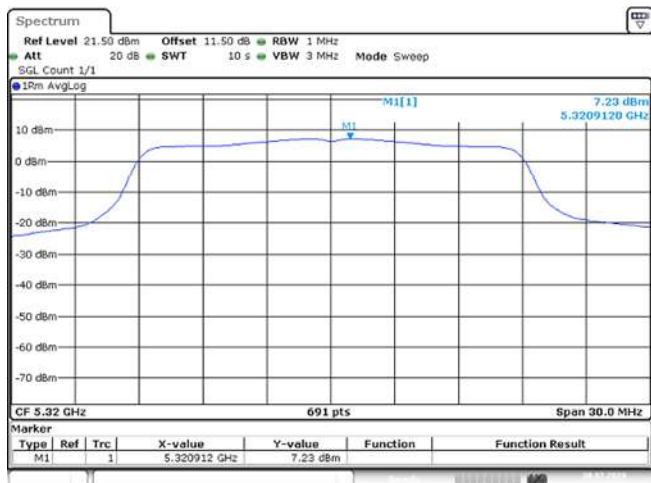
CH60



CH64



CH64

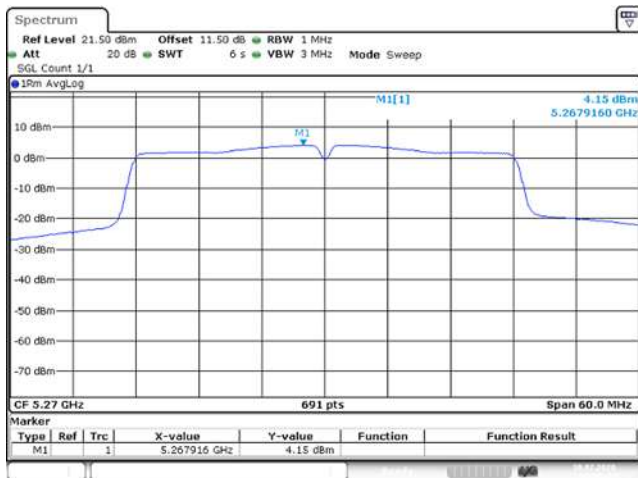




5.3G, Band 2

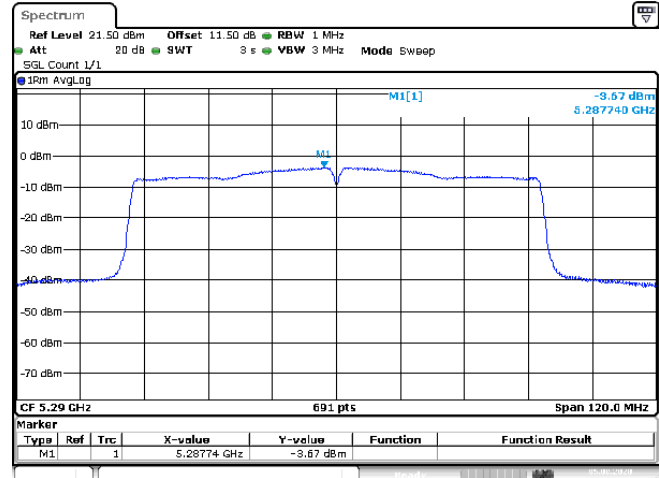
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH54

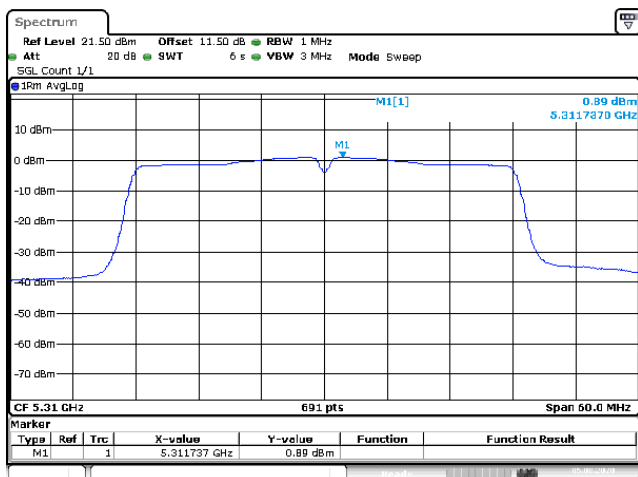


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH58



CH62

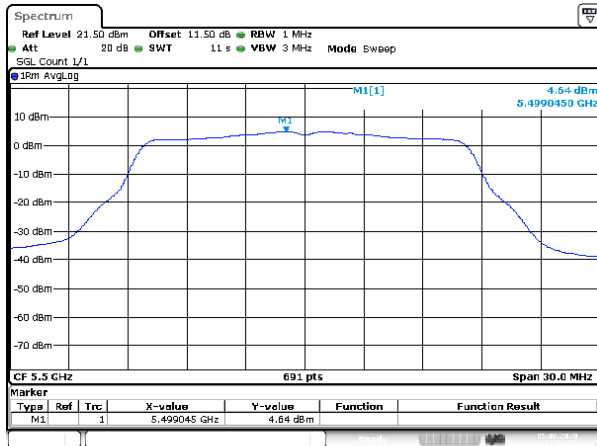




5.5G, Band 3

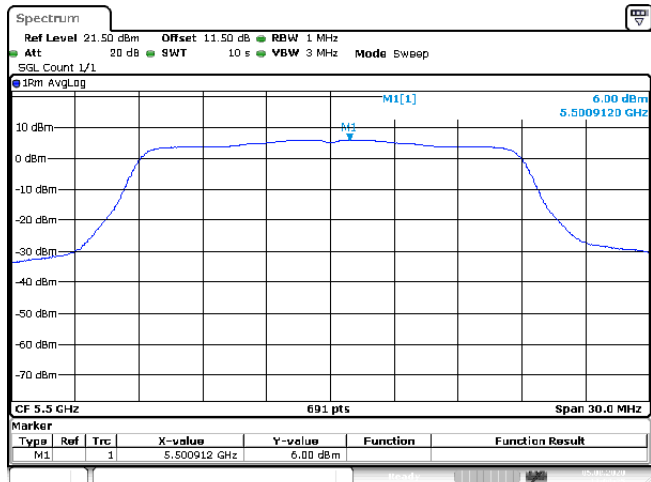
Modulation Type: 802.11a (6Mbps)

CH100

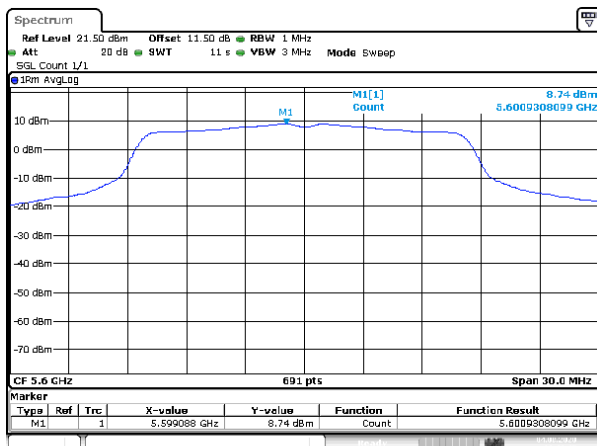


Modulation Type: 802.11ac VHT20 (6.5Mbps)

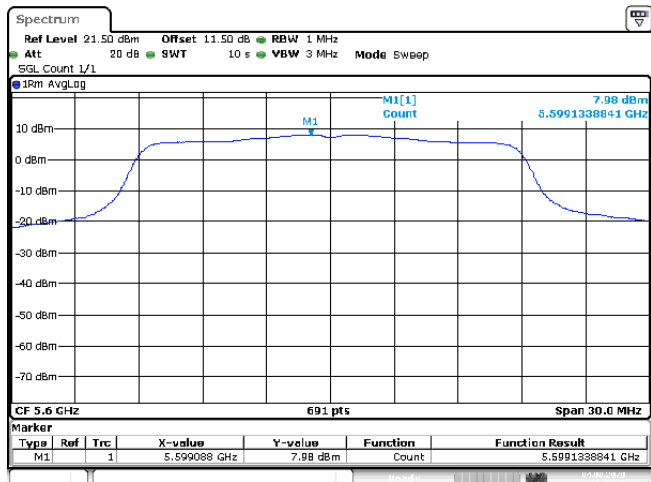
CH100



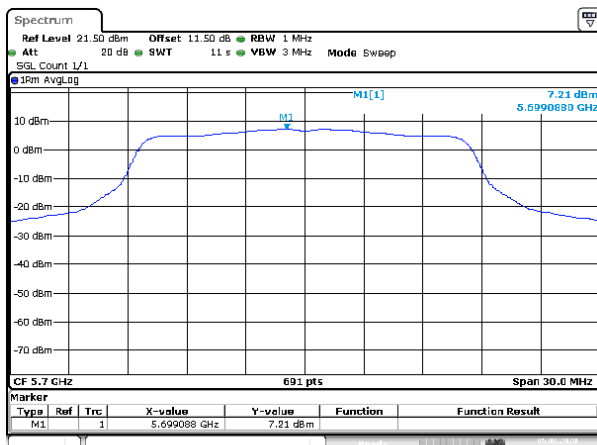
CH120



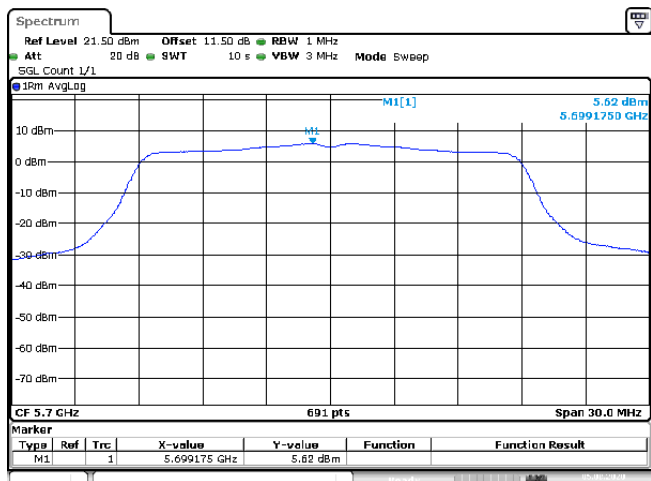
CH120



CH140



CH140

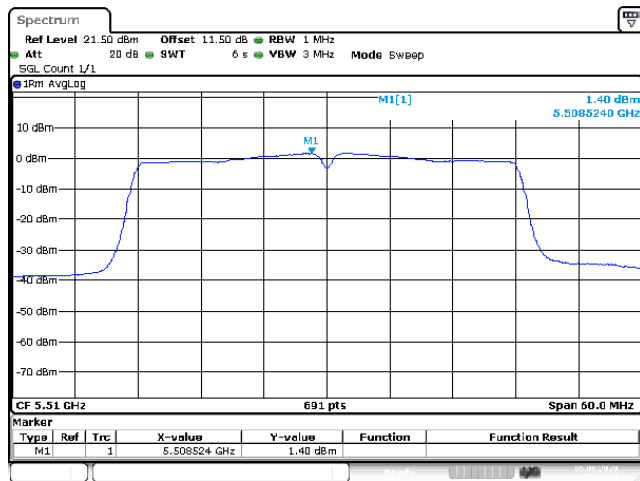




5.5G, Band 3

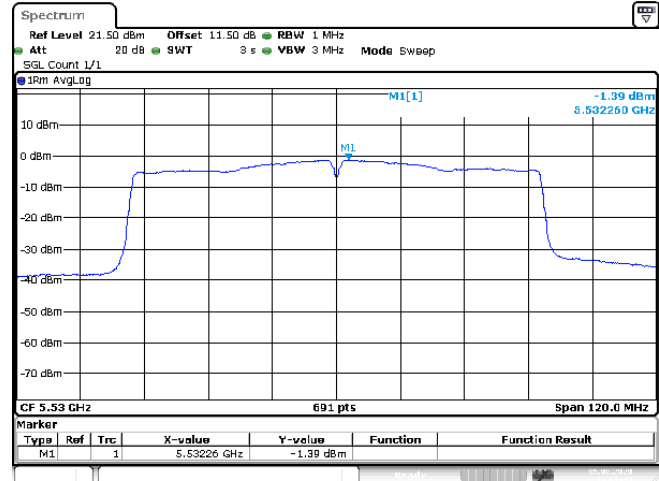
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH102

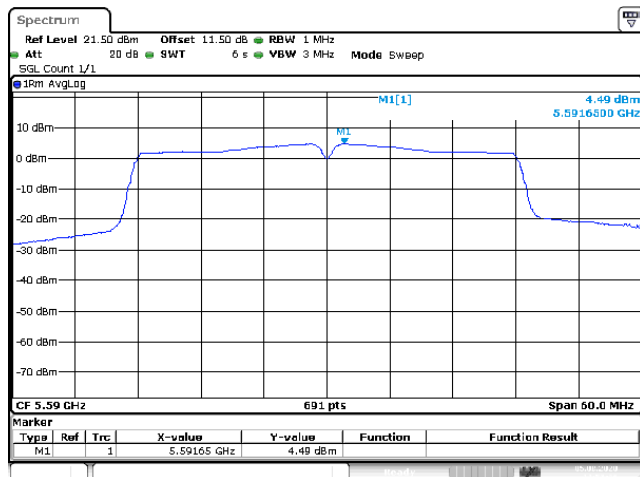


Modulation Type: 802.11ac VHT80 (29.3Mbps)

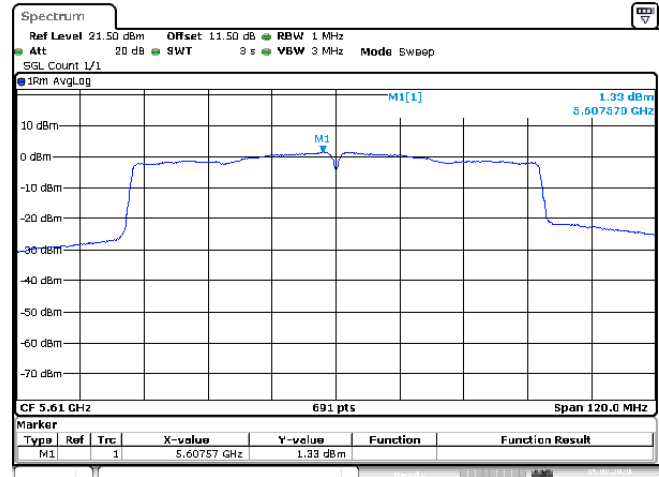
CH106



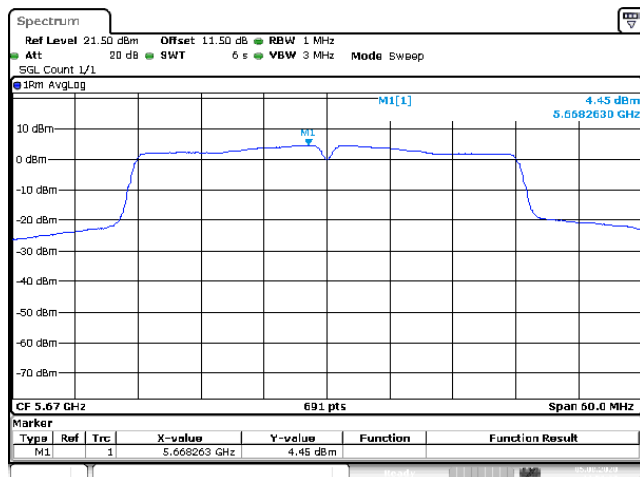
CH118



CH122



CH134

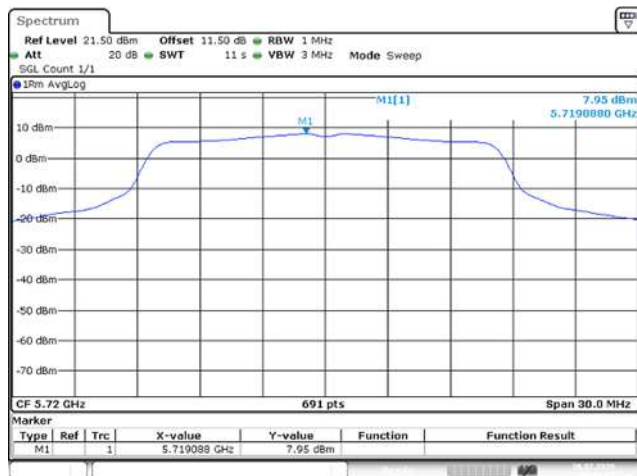




5.5G, Band 3, Straddle Channel

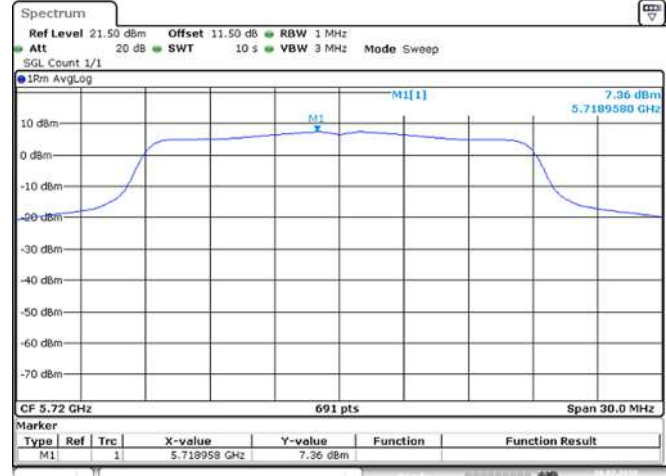
Modulation Type: 802.11a (6Mbps)

CH144



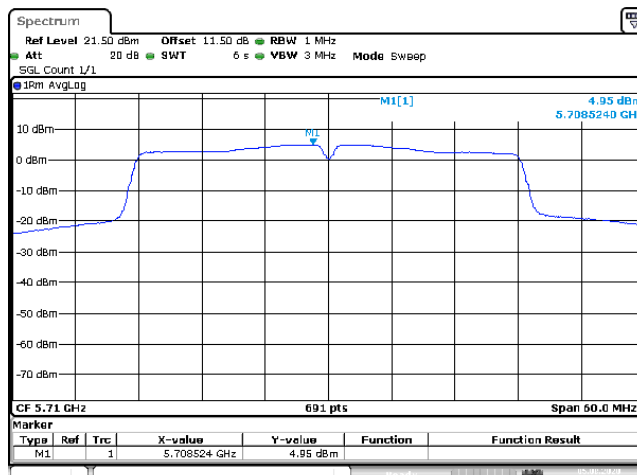
Modulation Type: 802.11ac VHT20 (6.5Mbps)

CH144



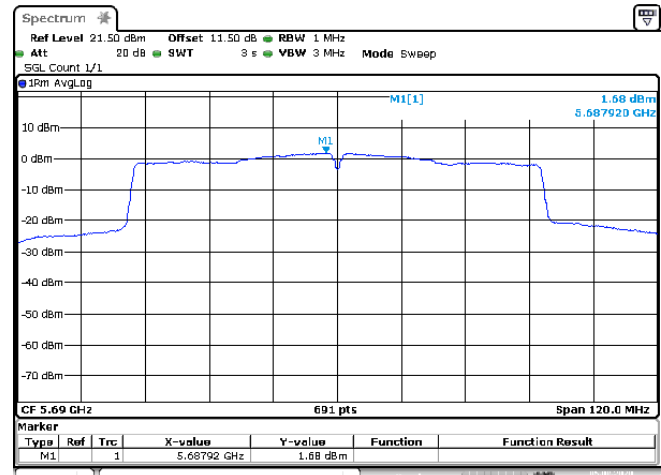
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH142



Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH138

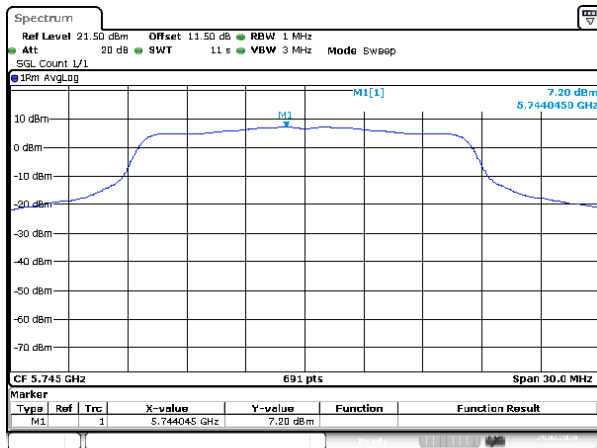




5.8G, Band 4

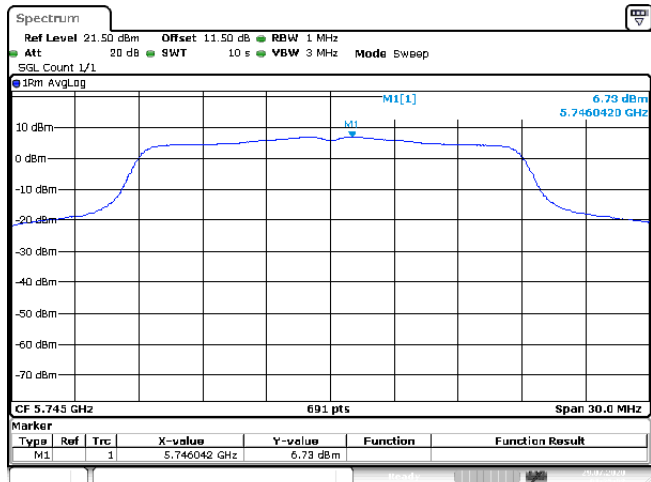
Modulation Type: 802.11a (6Mbps)

CH149

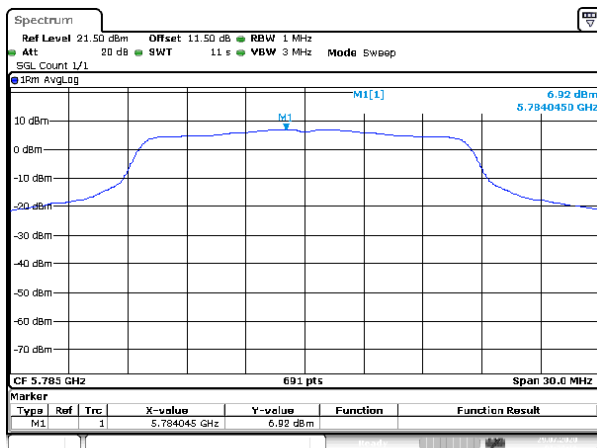


Modulation Type: 802.11ac VHT20 (6.5Mbps)

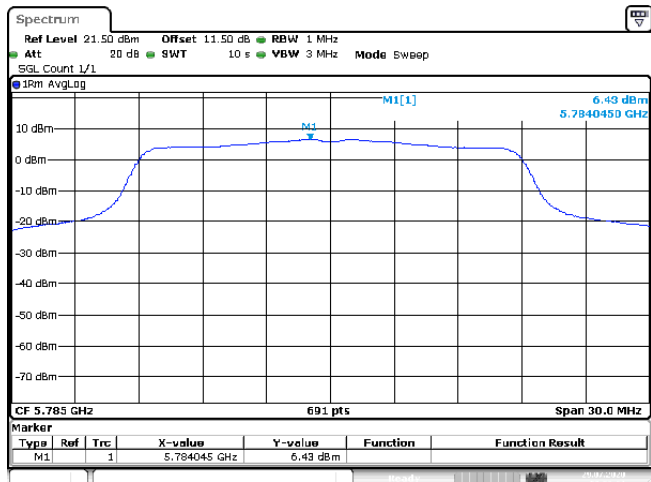
CH149



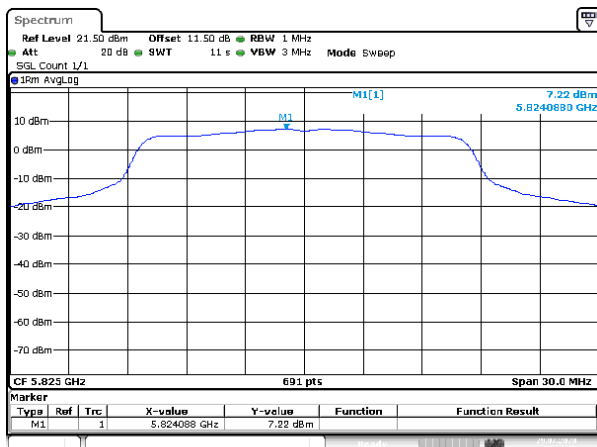
CH157



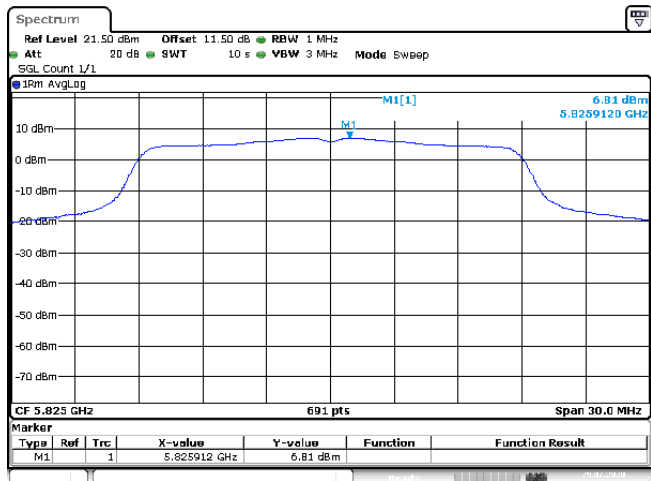
CH157



CH165



CH165

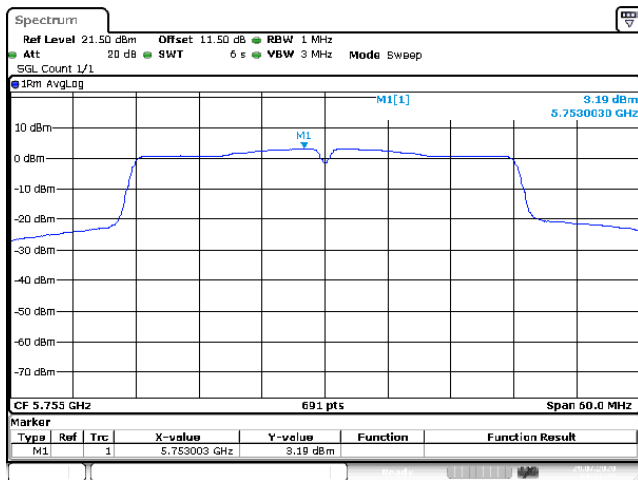




5.8G, Band 4

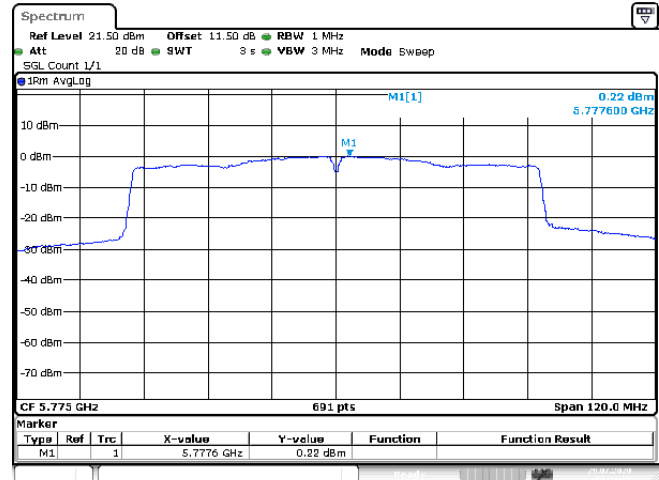
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH151

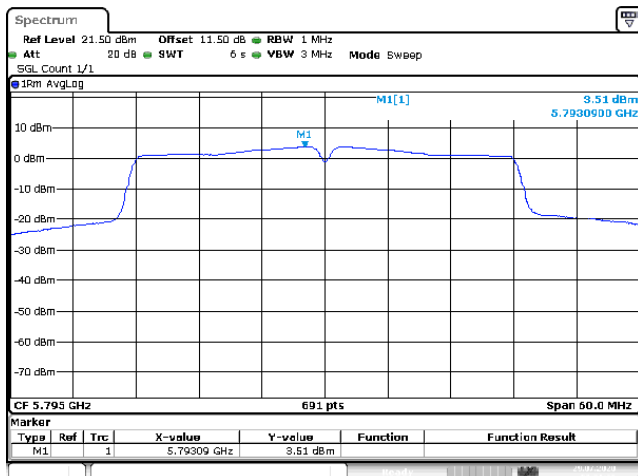


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH155



CH159



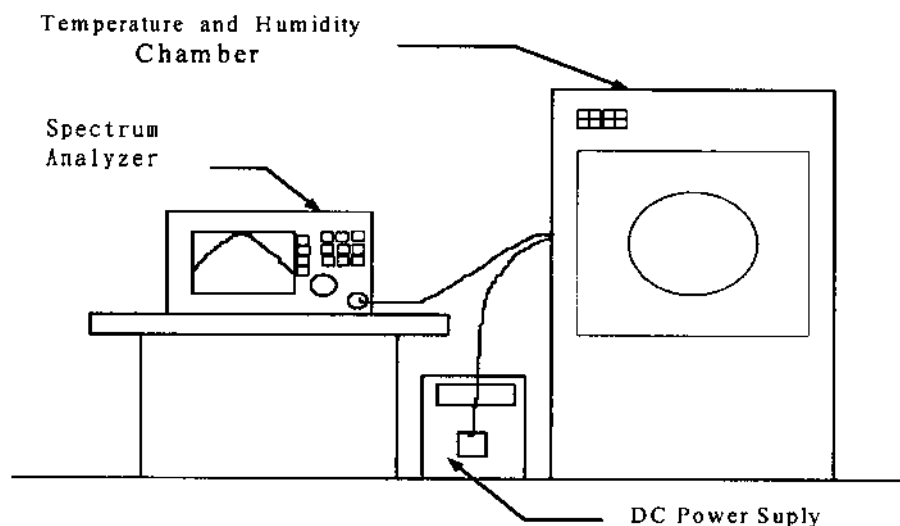


12. Frequency Stability

12.1. Test Procedure

1. The EUT was placed inside the Temperature and Humidity chamber.
2. The transmitter output was connected to spectrum analyzer.
3. Turn the EUT on and couple its output to a spectrum analyzer.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
6. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
7. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

12.2. Test Setup Layout



**12.3. Test Result and Data**

Operating frequency: 5180 MHz							
Temp (°C)	Power supply (V)	2 minute		5 minute		10 minute	
		(MHz)	(%)	(MHz)	(%)	(MHz)	(%)
50	102	5180.0143	0.000276	5180.0161	0.000311	5180.0170	0.000328
	120	5180.0145	0.000280	5180.0162	0.000313	5180.0171	0.000330
	138	5180.0146	0.000282	5180.0163	0.000315	5180.0172	0.000332
40	102	5180.0122	0.000236	5180.0122	0.000236	5180.0125	0.000241
	120	5180.0123	0.000237	5180.0124	0.000239	5180.0127	0.000245
	138	5180.0125	0.000241	5180.0125	0.000241	5180.0128	0.000247
30	102	5180.0181	0.000349	5180.0171	0.000330	5180.0171	0.000330
	120	5180.0184	0.000355	5180.0171	0.000330	5180.0171	0.000330
	138	5180.0186	0.000359	5180.0173	0.000334	5180.0173	0.000334
20	102	5180.0274	0.000529	5180.0265	0.000512	5180.0264	0.000510
	120	5180.0277	0.000535	5180.0266	0.000514	5180.0267	0.000515
	138	5180.0278	0.000537	5180.0268	0.000517	5180.0269	0.000519
10	102	5180.0396	0.000764	5180.0391	0.000755	5180.0389	0.000751
	120	5180.0398	0.000768	5180.0391	0.000755	5180.0390	0.000753
	138	5180.0399	0.000770	5180.0392	0.000757	5180.0392	0.000757
0	102	5180.0507	0.000979	5180.0491	0.000948	5180.0488	0.000942
	120	5180.0509	0.000983	5180.0492	0.000950	5180.0490	0.000946
	138	5180.0509	0.000983	5180.0494	0.000954	5180.0491	0.000948
-10	102	5180.0506	0.000977	5180.0508	0.000981	5180.0505	0.000975
	120	5180.0508	0.000981	5180.0509	0.000983	5180.0507	0.000979
	138	5180.0509	0.000983	5180.0509	0.000983	5180.0508	0.000981
-20	102	5180.0476	0.000919	5180.0486	0.000938	5180.0486	0.000938
	120	5180.0479	0.000925	5180.0488	0.000942	5180.0487	0.000940
	138	5180.0479	0.000925	5180.0489	0.000944	5180.0489	0.000944
-30	102	5180.0323	0.000624	5180.0361	0.000697	5180.0360	0.000695
	120	5180.0325	0.000627	5180.0361	0.000697	5180.0361	0.000697
	138	5180.0326	0.000629	5180.0363	0.000701	5180.0362	0.000000

Limit: Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.