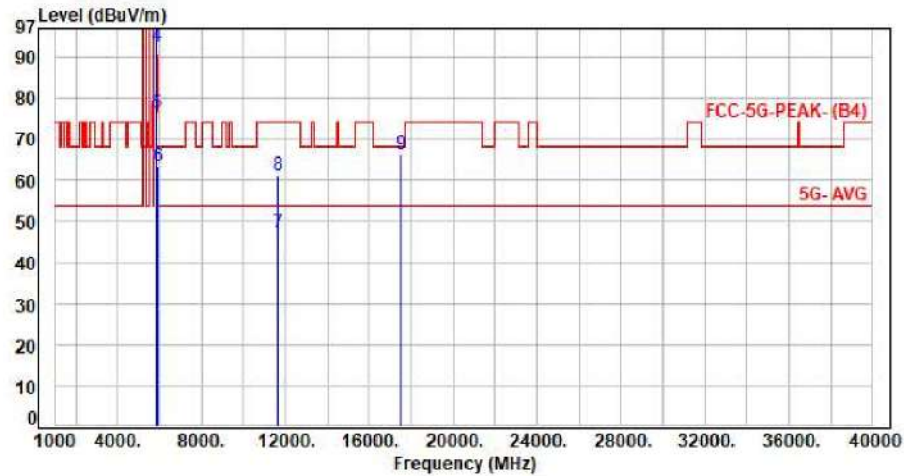




Test Mode : 2TX 11a CH165 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

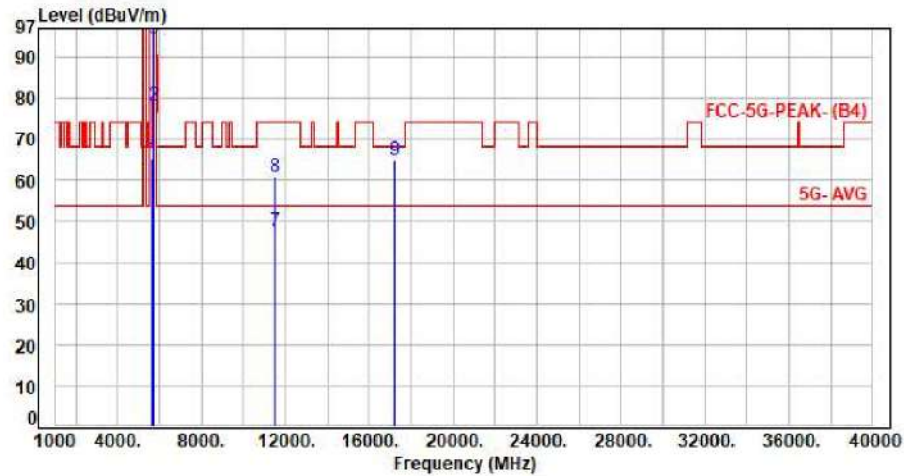


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	7.46	103.57	111.03	200.00	-88.97	Average	100	300	P
2	5825.00	7.46	114.69	122.15	200.00	-77.85	Peak	100	300	P
3	5850.00	7.47	89.62	97.09	122.20	-25.11	Peak	100	300	P
4	5855.00	7.49	84.93	92.42	110.80	-18.38	Peak	100	300	P
5	5875.00	7.57	68.70	76.27	105.20	-28.93	Peak	100	300	P
6	5925.00	7.73	55.56	63.29	68.20	-4.91	Peak	100	300	P
7	11650.00	18.67	28.70	47.37	54.00	-6.63	Average	100	248	P
8	11650.00	18.67	42.55	61.22	74.00	-12.78	Peak	100	248	P
9	17475.00	25.92	40.57	66.49	68.20	-1.71	Peak	100	152	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT20 CH149 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

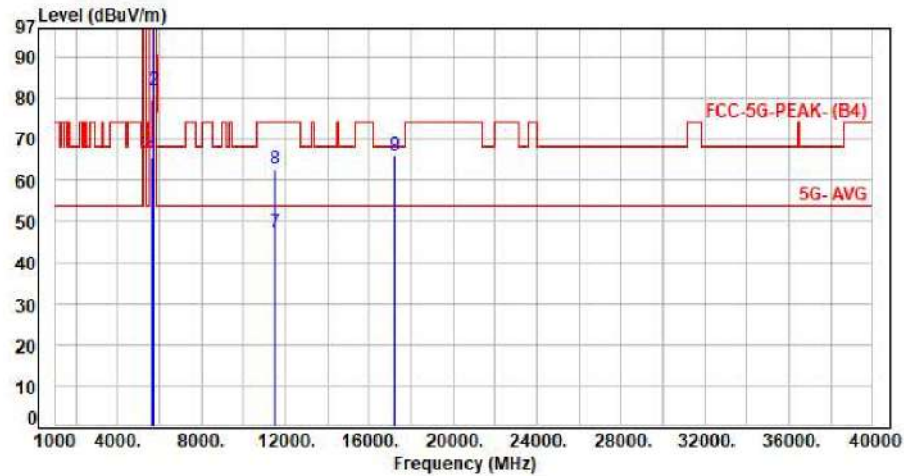


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	57.93	65.44	68.20	-2.76	Peak	389	325	P
2	5700.00	7.43	70.88	78.31	105.20	-26.89	Peak	389	325	P
3	5720.00	7.43	87.04	94.47	110.80	-16.33	Peak	389	325	P
4	5725.00	7.43	91.14	98.57	122.20	-23.63	Peak	389	325	P
5	5745.00	7.44	100.21	107.65	200.00	-92.35	Average	389	325	P
6	5745.00	7.44	112.42	119.86	200.00	-80.14	Peak	389	325	P
7	11490.00	18.33	29.37	47.70	54.00	-6.30	Average	100	74	P
8	11490.00	18.33	42.65	60.98	74.00	-13.02	Peak	100	74	P
9	17235.00	24.37	40.49	64.86	68.20	-3.34	Peak	100	59	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT20 CH149 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

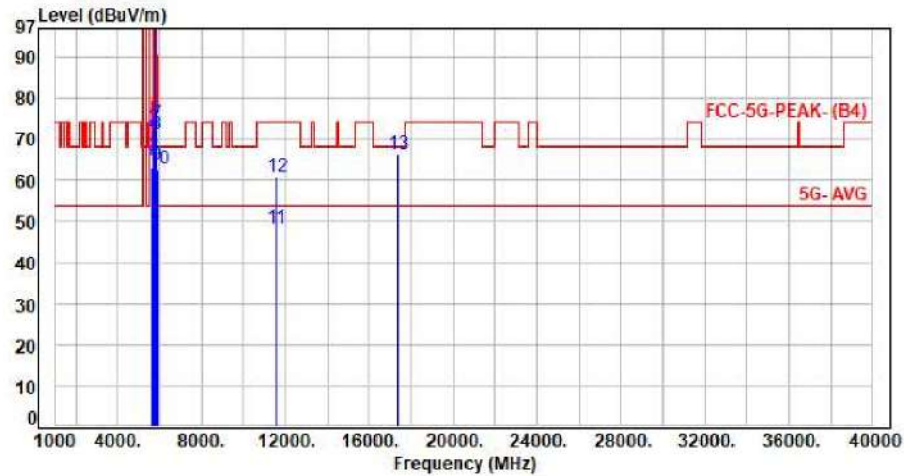


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	58.15	65.66	68.20	-2.54	Peak	100	302	P
2	5700.00	7.43	74.58	82.01	105.20	-23.19	Peak	100	302	P
3	5720.00	7.43	92.83	100.26	110.80	-10.54	Peak	100	302	P
4	5725.00	7.43	96.60	104.03	122.20	-18.17	Peak	100	302	P
5	5745.00	7.44	103.15	110.59	200.00	-89.41	Average	100	302	P
6	5745.00	7.44	115.38	122.82	200.00	-77.18	Peak	100	302	P
7	11490.00	18.33	29.04	47.37	54.00	-6.63	Average	100	253	P
8	11490.00	18.33	44.53	62.86	74.00	-11.14	Peak	100	253	P
9	17235.00	24.37	41.55	65.92	68.20	-2.28	Peak	100	156	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT20 CH157 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

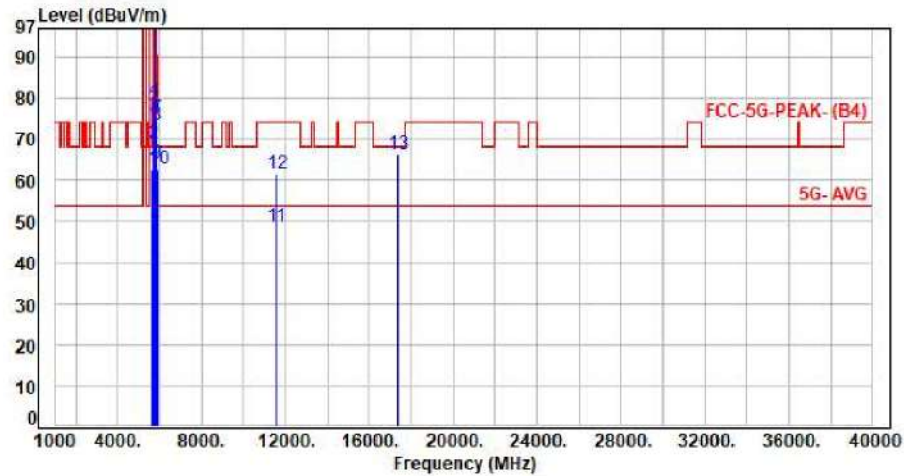


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	55.49	63.00	68.20	-5.20	Peak	342	321	P
2	5700.00	7.43	58.58	66.01	105.20	-39.19	Peak	342	321	P
3	5720.00	7.43	65.23	72.66	110.80	-38.14	Peak	342	321	P
4	5725.00	7.43	63.58	71.01	122.20	-51.19	Peak	342	321	P
5	5785.00	7.45	101.11	108.56	200.00	-91.44	Average	342	321	P
6	5785.00	7.45	113.41	120.86	200.00	-79.14	Peak	342	321	P
7	5850.00	7.47	66.20	73.67	122.20	-48.53	Peak	342	321	P
8	5855.00	7.49	63.66	71.15	110.80	-39.65	Peak	342	321	P
9	5875.00	7.57	56.30	63.87	105.20	-41.33	Peak	342	321	P
10	5925.00	7.73	55.15	62.88	68.20	-5.32	Peak	342	321	P
11	11570.00	18.58	29.65	48.23	54.00	-5.77	Average	100	83	P
12	11570.00	18.58	42.16	60.74	74.00	-13.26	Peak	100	83	P
13	17355.00	25.24	41.02	66.26	68.20	-1.94	Peak	100	52	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT20 CH157 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

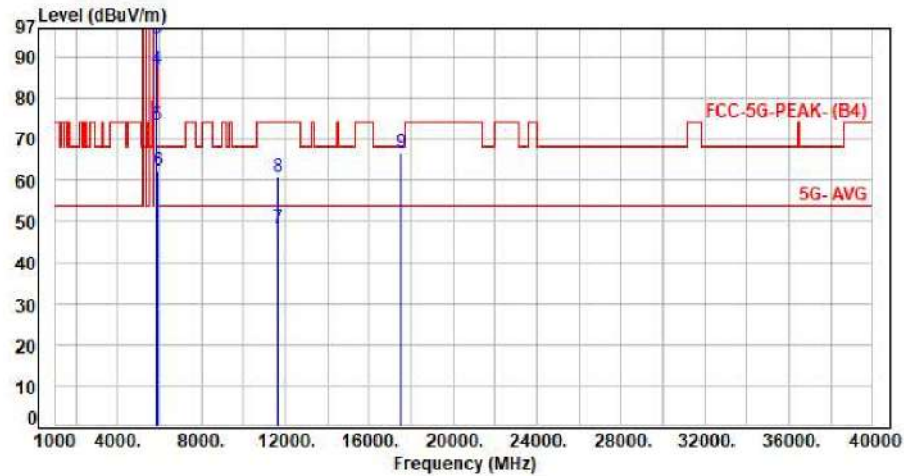


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	55.19	62.70	68.20	-5.50	Peak	100	301	P
2	5700.00	7.43	61.52	68.95	105.20	-36.25	Peak	100	301	P
3	5720.00	7.43	68.33	75.76	110.80	-35.04	Peak	100	301	P
4	5725.00	7.43	72.02	79.45	122.20	-42.75	Peak	100	301	P
5	5785.00	7.45	103.40	110.85	200.00	-89.15	Average	100	301	P
6	5785.00	7.45	115.91	123.36	200.00	-76.64	Peak	100	301	P
7	5850.00	7.47	67.68	75.15	122.20	-47.05	Peak	100	301	P
8	5855.00	7.49	65.78	73.27	110.80	-37.53	Peak	100	301	P
9	5875.00	7.57	56.65	64.22	105.20	-40.98	Peak	100	301	P
10	5925.00	7.73	54.83	62.56	68.20	-5.64	Peak	100	301	P
11	11570.00	18.58	29.99	48.57	54.00	-5.43	Average	100	254	P
12	11570.00	18.58	43.00	61.58	74.00	-12.42	Peak	100	254	P
13	17355.00	25.24	41.11	66.35	68.20	-1.85	Peak	100	152	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT20 CH165 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

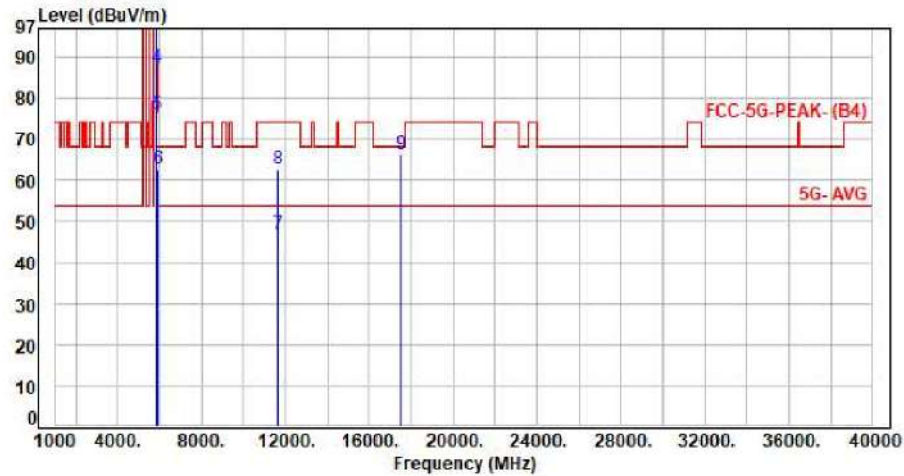


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	7.46	100.03	107.49	200.00	-92.51	Average	339	317	P
2	5825.00	7.46	112.18	119.64	200.00	-80.36	Peak	339	317	P
3	5850.00	7.47	86.96	94.43	122.20	-27.77	Peak	339	317	P
4	5855.00	7.49	79.49	86.98	110.80	-23.82	Peak	339	317	P
5	5875.00	7.57	65.81	73.38	105.20	-31.82	Peak	339	317	P
6	5925.00	7.73	54.48	62.21	68.20	-5.99	Peak	339	317	P
7	11650.00	18.67	29.52	48.19	54.00	-5.81	Average	100	76	P
8	11650.00	18.67	42.28	60.95	74.00	-13.05	Peak	100	76	P
9	17475.00	25.92	40.94	66.86	68.20	-1.34	Peak	100	41	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT20 CH165 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

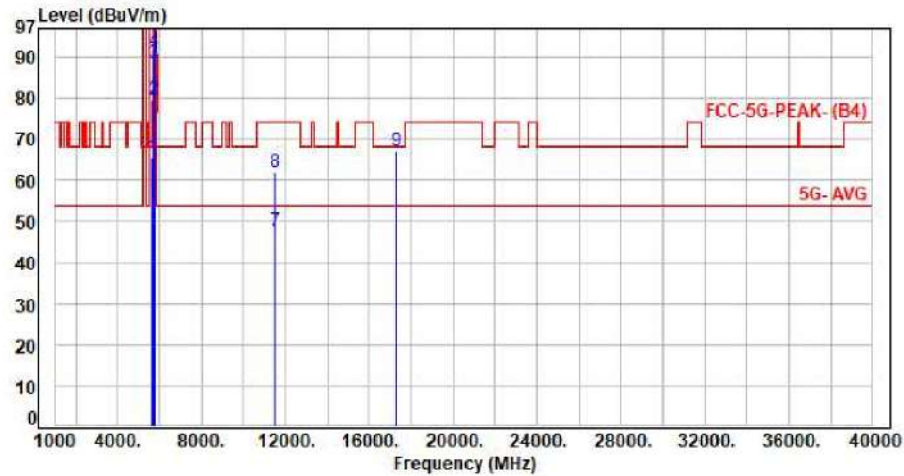


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	7.46	102.21	109.67	200.00	-90.33	Average	100	301	P
2	5825.00	7.46	114.98	122.44	200.00	-77.56	Peak	100	301	P
3	5850.00	7.47	90.70	98.17	122.20	-24.03	Peak	100	301	P
4	5855.00	7.49	79.98	87.47	110.80	-23.33	Peak	100	301	P
5	5875.00	7.57	68.30	75.87	105.20	-29.33	Peak	100	301	P
6	5925.00	7.73	54.92	62.65	68.20	-5.55	Peak	100	301	P
7	11650.00	18.67	28.34	47.01	54.00	-6.99	Average	100	264	P
8	11650.00	18.67	43.86	62.53	74.00	-11.47	Peak	100	264	P
9	17475.00	25.92	40.45	66.37	68.20	-1.83	Peak	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT40 CH151 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



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	7.51	58.01	65.52	68.20	-2.68	Peak	372	322	P
2	5700.00	7.43	72.31	79.74	105.20	-25.46	Peak	372	322	P
3	5720.00	7.43	81.02	88.45	110.80	-22.35	Peak	372	322	P
4	5725.00	7.43	84.17	91.60	122.20	-30.60	Peak	372	322	P
5	5755.00	7.44	96.14	103.58	200.00	-96.42	Average	372	322	P
6	5755.00	7.44	108.32	115.76	200.00	-84.24	Peak	372	322	P
7	11510.00	18.39	29.31	47.70	54.00	-6.30	Average	100	69	P
8	11510.00	18.39	43.73	62.12	74.00	-11.88	Peak	100	69	P
9	17265.00	24.63	42.47	67.10	68.20	-1.10	Peak	100	35	P

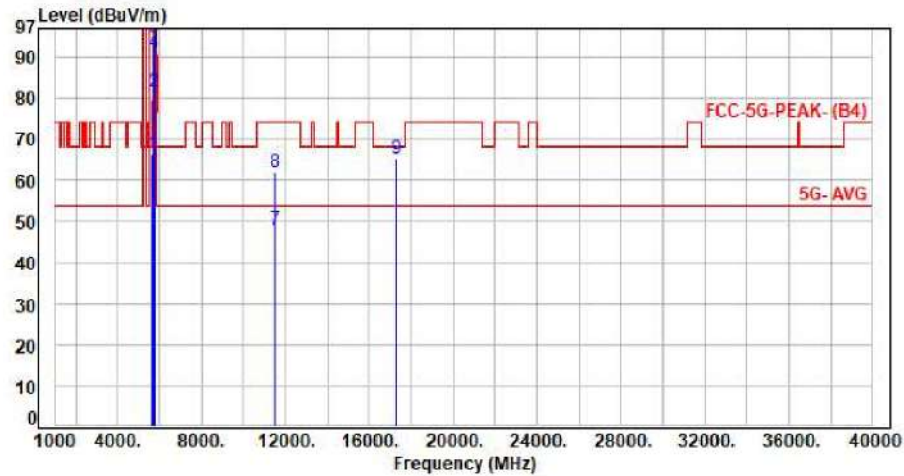
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT40 CH151 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

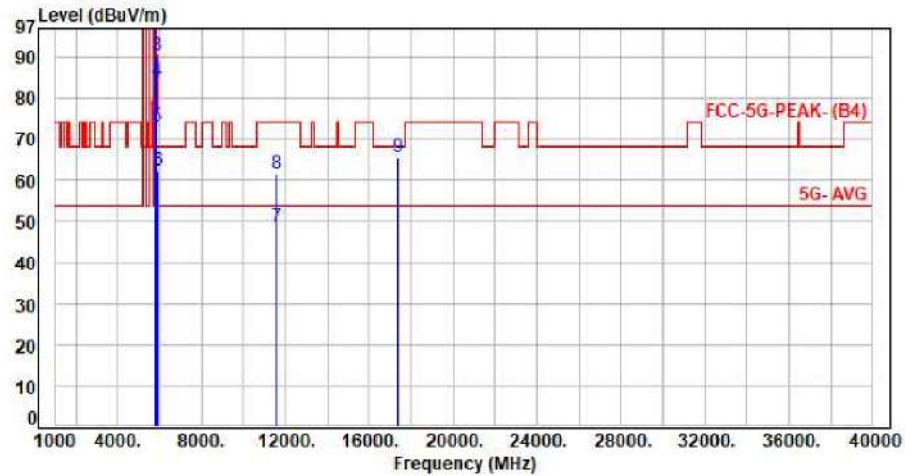


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	59.06	66.57	68.20	-1.63	Peak	100	301	P
2	5700.00	7.43	74.22	81.65	105.20	-23.55	Peak	100	301	P
3	5720.00	7.43	87.19	94.62	110.80	-16.18	Peak	100	301	P
4	5725.00	7.43	83.62	91.05	122.20	-31.15	Peak	100	301	P
5	5755.00	7.44	98.86	106.30	200.00	-93.70	Average	100	301	P
6	5755.00	7.44	112.83	120.27	200.00	-79.73	Peak	100	301	P
7	11510.00	18.39	29.52	47.91	54.00	-6.09	Average	100	259	P
8	11510.00	18.39	43.61	62.00	74.00	-12.00	Peak	100	259	P
9	17265.00	24.63	40.58	65.21	68.20	-2.99	Peak	100	151	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT40 CH159 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5795.00	7.45	98.36	105.81	200.00	-94.19	Average	341	318	P
2	5795.00	7.45	111.51	118.96	200.00	-81.04	Peak	341	318	P
3	5850.00	7.47	82.98	90.45	122.20	-31.75	Peak	341	318	P
4	5855.00	7.49	76.70	84.19	110.80	-26.61	Peak	341	318	P
5	5875.00	7.57	65.40	72.97	105.20	-32.23	Peak	341	318	P
6	5925.00	7.73	54.56	62.29	68.20	-5.91	Peak	341	318	P
7	11590.00	18.62	29.95	48.57	54.00	-5.43	Average	100	76	P
8	11590.00	18.62	43.01	61.63	74.00	-12.37	Peak	100	76	P
9	17385.00	25.34	40.44	65.78	68.20	-2.42	Peak	100	47	P

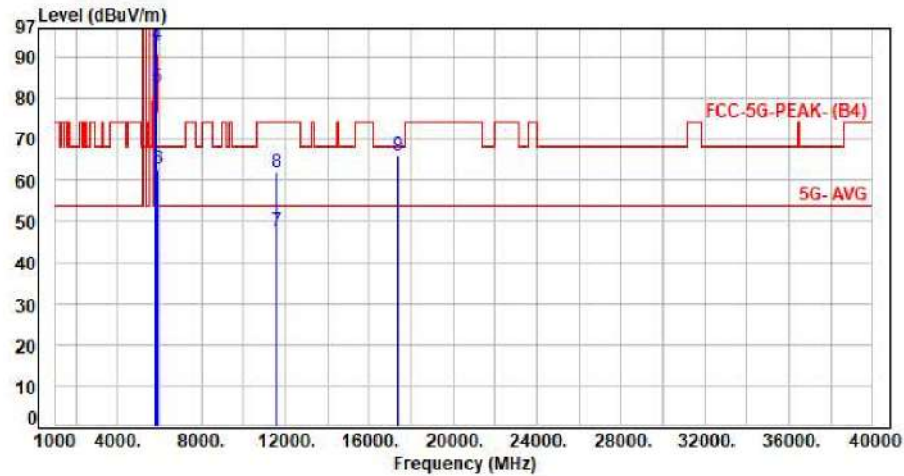
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT40 CH159 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

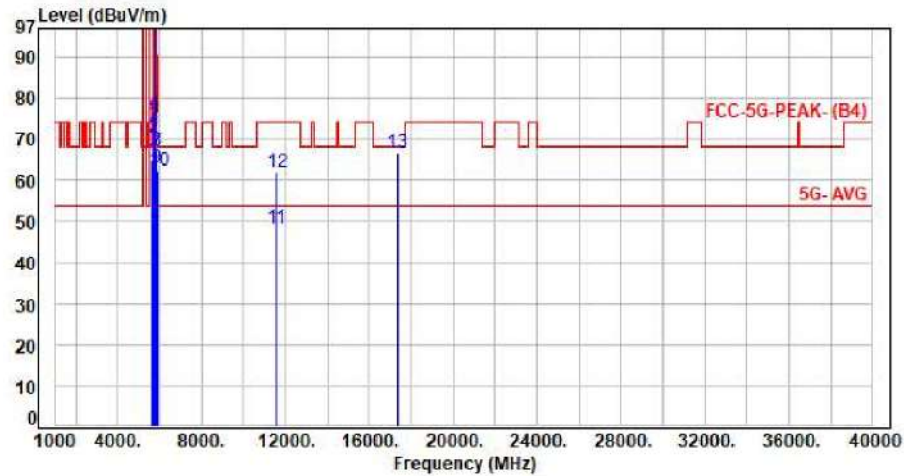


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5795.00	7.45	101.60	109.05	200.00	-90.95	Average	100	301	P
2	5795.00	7.45	114.05	121.50	200.00	-78.50	Peak	100	301	P
3	5850.00	7.47	87.87	95.34	122.20	-26.86	Peak	100	301	P
4	5855.00	7.49	85.35	92.84	110.80	-17.96	Peak	100	301	P
5	5875.00	7.57	75.04	82.61	105.20	-22.59	Peak	100	301	P
6	5925.00	7.73	55.14	62.87	68.20	-5.33	Peak	100	301	P
7	11590.00	18.62	29.05	47.67	54.00	-6.33	Average	100	255	P
8	11590.00	18.62	43.18	61.80	74.00	-12.20	Peak	100	255	P
9	17385.00	25.34	40.58	65.92	68.20	-2.28	Peak	100	148	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT80 CH155 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

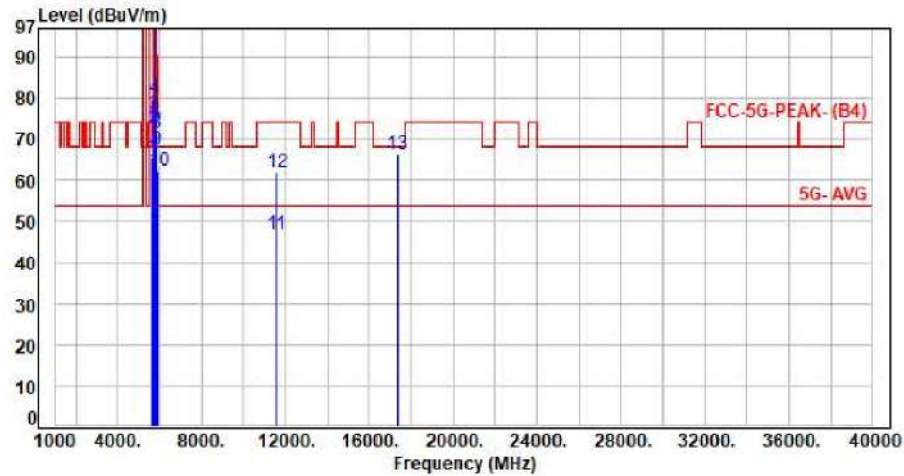


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	57.39	64.90	68.20	-3.30	Peak	341	319	P
2	5700.00	7.43	63.10	70.53	105.20	-34.67	Peak	341	319	P
3	5720.00	7.43	66.09	73.52	110.80	-37.28	Peak	341	319	P
4	5725.00	7.43	68.92	76.35	122.20	-45.85	Peak	341	319	P
5	5775.00	7.45	90.42	97.87	200.00	-102.13	Average	341	319	P
6	5775.00	7.45	103.68	111.13	200.00	-88.87	Peak	341	319	P
7	5850.00	7.47	59.64	67.11	122.20	-55.09	Peak	341	319	P
8	5855.00	7.49	59.71	67.20	110.80	-43.60	Peak	341	319	P
9	5875.00	7.57	55.64	63.21	105.20	-41.99	Peak	341	319	P
10	5925.00	7.73	54.65	62.38	68.20	-5.82	Peak	341	319	P
11	11550.00	18.54	29.67	48.21	54.00	-5.79	Average	100	85	P
12	11550.00	18.54	43.35	61.89	74.00	-12.11	Peak	100	85	P
13	17325.00	25.10	41.64	66.74	68.20	-1.46	Peak	100	42	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT80 CH155 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

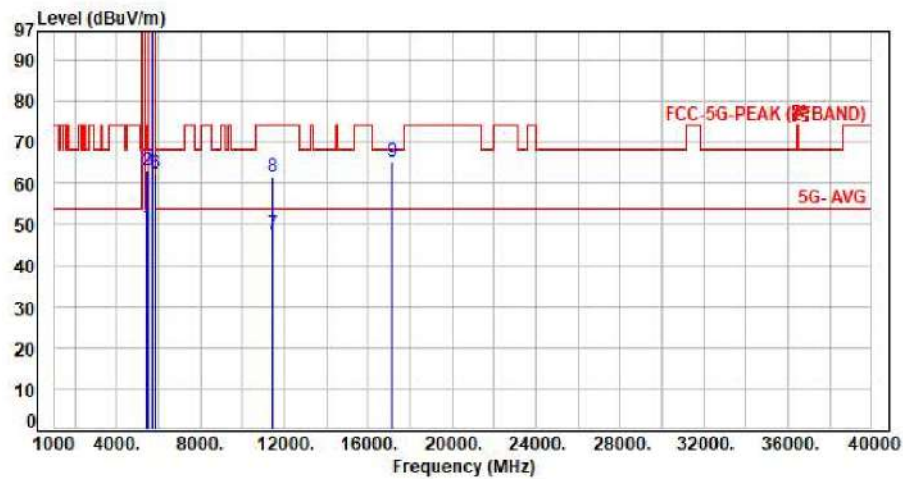


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	58.16	65.67	68.20	-2.53	Peak	100	301	P
2	5700.00	7.43	65.26	72.69	105.20	-32.51	Peak	100	301	P
3	5720.00	7.43	68.66	76.09	110.80	-34.71	Peak	100	301	P
4	5725.00	7.43	72.71	80.14	122.20	-42.06	Peak	100	301	P
5	5775.00	7.45	93.16	100.61	200.00	-99.39	Average	100	301	P
6	5775.00	7.45	105.14	112.59	200.00	-87.41	Peak	100	301	P
7	5850.00	7.47	64.58	72.05	122.20	-50.15	Peak	100	301	P
8	5855.00	7.49	64.02	71.51	110.80	-39.29	Peak	100	301	P
9	5875.00	7.57	60.01	67.58	105.20	-37.62	Peak	100	301	P
10	5925.00	7.73	54.72	62.45	68.20	-5.75	Peak	100	301	P
11	11550.00	18.54	28.39	46.93	54.00	-7.07	Average	100	267	P
12	11550.00	18.54	43.48	62.02	74.00	-11.98	Peak	100	267	P
13	17325.00	25.10	41.14	66.24	68.20	-1.96	Peak	100	156	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11a CH144 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

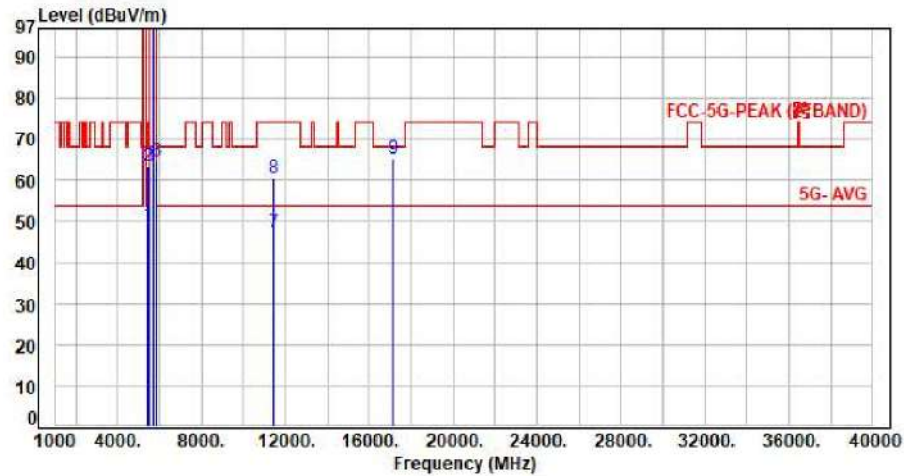


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	41.80	49.35	54.00	-4.65	Average	378	322	P
2	5460.00	7.55	55.67	63.22	74.00	-10.78	Peak	378	322	P
3	5470.00	7.58	55.36	62.94	68.20	-5.26	Peak	378	322	P
4	5720.00	7.43	101.92	109.35	200.00	-90.65	Average	378	322	P
5	5720.00	7.43	112.65	120.08	200.00	-79.92	Peak	378	322	P
6	5850.00	7.47	54.77	62.24	68.20	-5.96	Peak	378	322	P
7	11440.00	18.20	29.46	47.66	54.00	-6.34	Average	100	89	P
8	11440.00	18.20	43.34	61.54	74.00	-12.46	Peak	100	89	P
9	17160.00	24.13	41.10	65.23	68.20	-2.97	Peak	100	44	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11a CH144 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

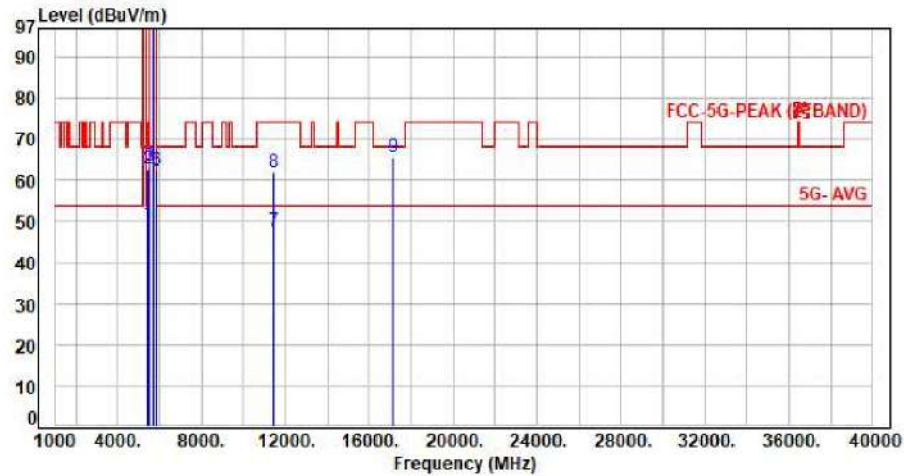


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	41.47	49.02	54.00	-4.98	Average	100	299	P
2	5460.00	7.55	55.80	63.35	74.00	-10.65	Peak	100	299	P
3	5470.00	7.58	55.71	63.29	68.20	-4.91	Peak	100	299	P
4	5720.00	7.43	103.86	111.29	200.00	-88.71	Average	100	299	P
5	5720.00	7.43	114.89	122.32	200.00	-77.68	Peak	100	299	P
6	5850.00	7.47	56.90	64.37	68.20	-3.83	Peak	100	299	P
7	11440.00	18.20	29.02	47.22	54.00	-6.78	Average	100	250	P
8	11440.00	18.20	42.14	60.34	74.00	-13.66	Peak	100	250	P
9	17160.00	24.13	41.25	65.38	68.20	-2.82	Peak	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT20 CH144 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

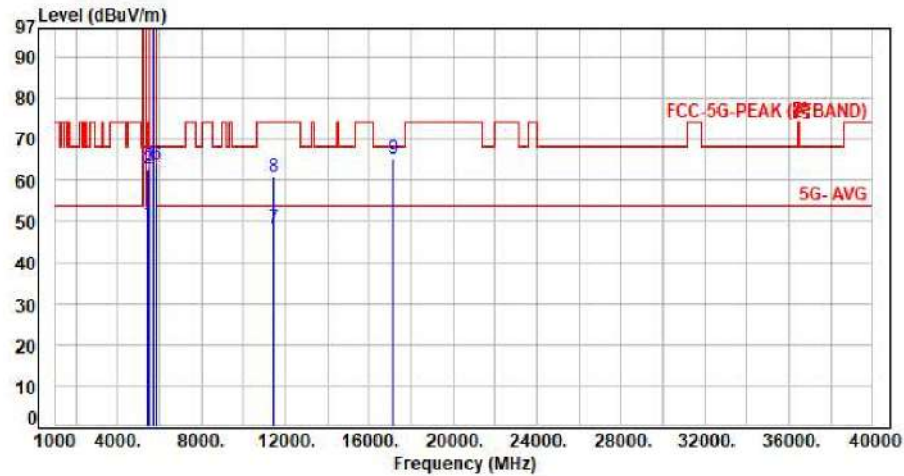


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	41.70	49.25	54.00	-4.75	Average	334	317	P
2	5460.00	7.55	55.22	62.77	74.00	-11.23	Peak	334	317	P
3	5470.00	7.58	55.72	63.30	68.20	-4.90	Peak	334	317	P
4	5720.00	7.43	101.96	109.39	200.00	-90.61	Average	334	317	P
5	5720.00	7.43	113.86	121.29	200.00	-78.71	Peak	334	317	P
6	5850.00	7.47	54.95	62.42	68.20	-5.78	Peak	334	317	P
7	11440.00	18.20	29.35	47.55	54.00	-6.45	Average	100	74	P
8	11440.00	18.20	43.79	61.99	74.00	-12.01	Peak	100	74	P
9	17160.00	24.13	41.53	65.66	68.20	-2.54	Peak	100	49	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT20 CH144 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

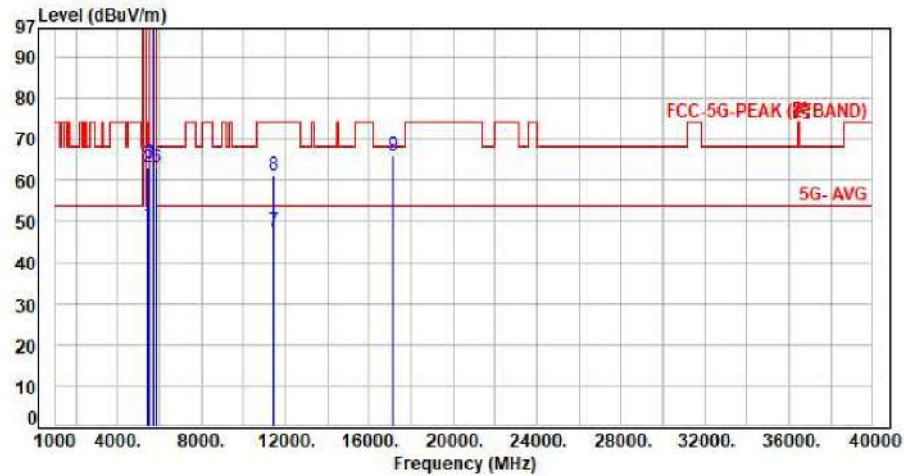


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	41.98	49.53	54.00	-4.47	Average	100	300	P
2	5460.00	7.55	55.09	62.64	74.00	-11.36	Peak	100	300	P
3	5470.00	7.58	55.91	63.49	68.20	-4.71	Peak	100	300	P
4	5720.00	7.43	104.01	111.44	200.00	-88.56	Average	100	300	P
5	5720.00	7.43	116.08	123.51	200.00	-76.49	Peak	100	300	P
6	5850.00	7.47	56.34	63.81	68.20	-4.39	Peak	100	300	P
7	11440.00	18.20	29.95	48.15	54.00	-5.85	Average	100	254	P
8	11440.00	18.20	42.74	60.94	74.00	-13.06	Peak	100	254	P
9	17160.00	24.13	41.04	65.17	68.20	-3.03	Peak	100	156	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT40 CH142 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

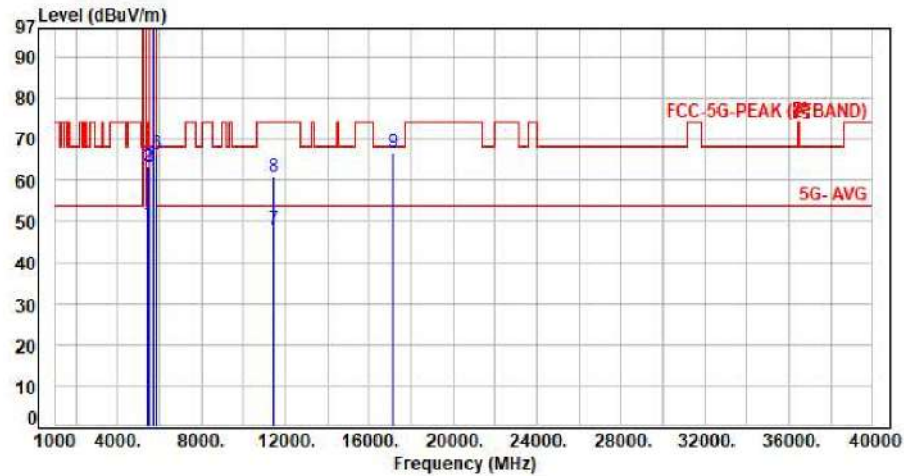


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	41.68	49.23	54.00	-4.77	Average	374	323	P
2	5460.00	7.55	55.40	62.95	74.00	-11.05	Peak	374	323	P
3	5470.00	7.58	56.63	64.21	68.20	-3.99	Peak	374	323	P
4	5710.00	7.43	97.06	104.49	200.00	-95.51	Average	374	323	P
5	5710.00	7.43	110.37	117.80	200.00	-82.20	Peak	374	323	P
6	5850.00	7.47	55.53	63.00	68.20	-5.20	Peak	374	323	P
7	11420.00	18.14	29.52	47.66	54.00	-6.34	Average	100	82	P
8	11420.00	18.14	42.94	61.08	74.00	-12.92	Peak	100	82	P
9	17130.00	24.09	41.80	65.89	68.20	-2.31	Peak	100	46	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT40 CH142 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

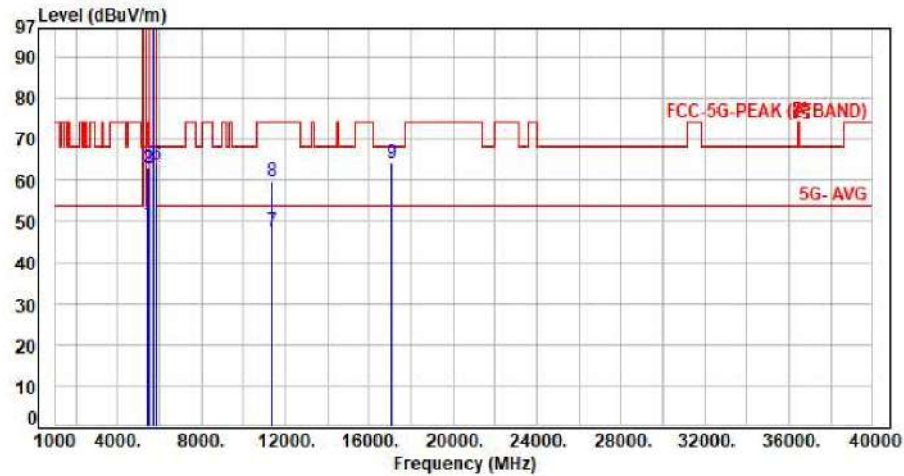


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	41.92	49.47	54.00	-4.53	Average	100	299	P
2	5460.00	7.55	56.02	63.57	74.00	-10.43	Peak	100	299	P
3	5470.00	7.58	55.46	63.04	68.20	-5.16	Peak	100	299	P
4	5710.00	7.43	98.66	106.09	200.00	-93.91	Average	100	299	P
5	5710.00	7.43	112.04	119.47	200.00	-80.53	Peak	100	299	P
6	5850.00	7.47	58.74	66.21	68.20	-1.99	Peak	100	299	P
7	11420.00	18.14	29.82	47.96	54.00	-6.04	Average	100	254	P
8	11420.00	18.14	42.75	60.89	74.00	-13.11	Peak	100	254	P
9	17130.00	24.09	42.48	66.57	68.20	-1.63	Peak	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT80 CH138 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

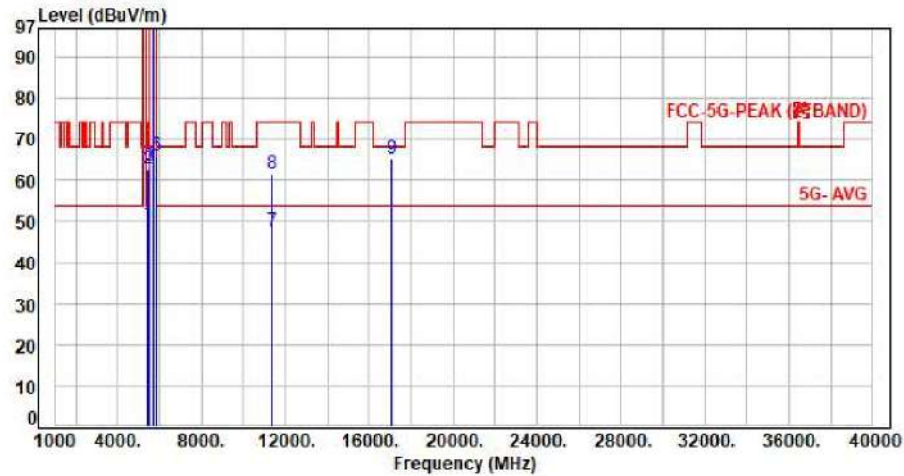


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	41.73	49.28	54.00	-4.72	Average	396	321	P
2	5460.00	7.55	55.39	62.94	74.00	-11.06	Peak	396	321	P
3	5470.00	7.58	54.94	62.52	68.20	-5.68	Peak	396	321	P
4	5690.00	7.44	92.25	99.69	200.00	-100.31	Average	396	321	P
5	5690.00	7.44	105.15	112.59	200.00	-87.41	Peak	396	321	P
6	5850.00	7.47	56.40	63.87	68.20	-4.33	Peak	396	321	P
7	11380.00	18.06	29.65	47.71	54.00	-6.29	Average	100	75	P
8	11380.00	18.06	41.78	59.84	74.00	-14.16	Peak	100	75	P
9	17070.00	23.85	40.38	64.23	68.20	-3.97	Peak	100	46	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT80 CH138 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

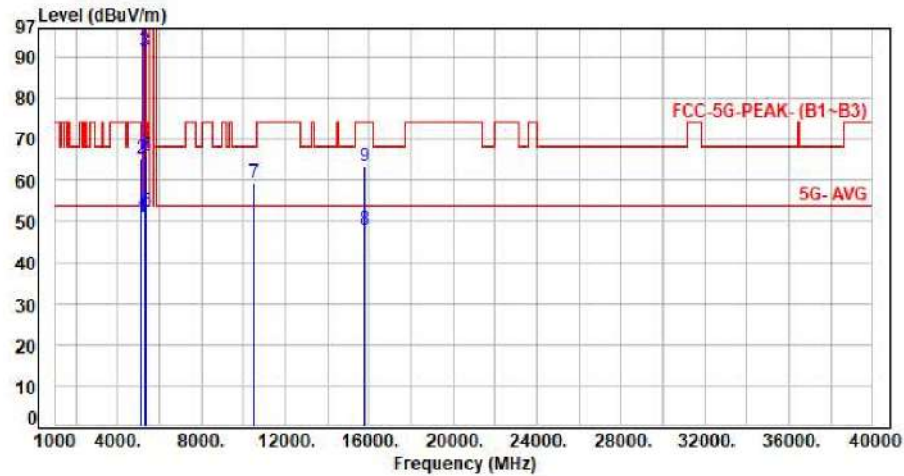


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	41.81	49.36	54.00	-4.64	Average	100	304	P
2	5460.00	7.55	55.07	62.62	74.00	-11.38	Peak	100	304	P
3	5470.00	7.58	55.80	63.38	68.20	-4.82	Peak	100	304	P
4	5690.00	7.44	93.93	101.37	200.00	-98.63	Average	100	304	P
5	5690.00	7.44	106.87	114.31	200.00	-85.69	Peak	100	304	P
6	5850.00	7.47	58.46	65.93	68.20	-2.27	Peak	100	304	P
7	11380.00	18.06	29.34	47.40	54.00	-6.60	Average	100	265	P
8	11380.00	18.06	43.47	61.53	74.00	-12.47	Peak	100	265	P
9	17070.00	23.85	41.45	65.30	68.20	-2.90	Peak	100	152	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT160 CH50 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

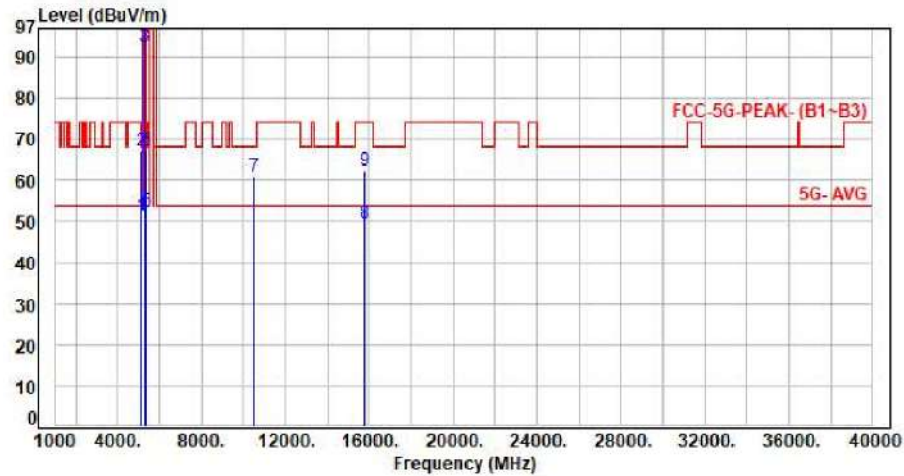


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	44.31	51.00	54.00	-3.00	Average	274	322	P
2	5150.00	6.69	58.71	65.40	74.00	-8.60	Peak	274	322	P
3	5250.00	6.92	84.69	91.61	200.00	-108.39	Average	274	322	P
4	5250.00	6.92	96.69	103.61	200.00	-96.39	Peak	274	322	P
5	5350.00	7.27	45.12	52.39	54.00	-1.61	Average	274	322	P
6	5350.00	7.27	58.60	65.87	74.00	-8.13	Peak	274	322	P
7	10500.00	16.48	42.88	59.36	68.20	-8.84	Peak	100	86	P
8	15750.00	19.75	28.16	47.91	54.00	-6.09	Average	100	47	P
9	15750.00	19.75	43.80	63.55	74.00	-10.45	Peak	100	47	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be EHT160 CH50 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	44.55	51.24	54.00	-2.76	Average	360	291	P
2	5150.00	6.69	60.37	67.06	74.00	-6.94	Peak	360	291	P
3	5250.00	6.92	85.60	92.52	200.00	-107.48	Average	360	291	P
4	5250.00	6.92	97.95	104.87	200.00	-95.13	Peak	360	291	P
5	5350.00	7.27	45.13	52.40	54.00	-1.60	Average	360	291	P
6	5350.00	7.27	59.69	66.96	74.00	-7.04	Peak	360	291	P
7	10500.00	16.48	44.41	60.89	68.20	-7.31	Peak	100	251	P
8	15750.00	19.75	29.84	49.59	54.00	-4.41	Average	100	158	P
9	15750.00	19.75	42.48	62.23	74.00	-11.77	Peak	100	158	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

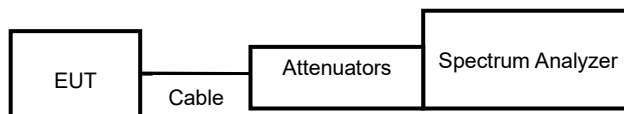
7.1. Test Limit

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

Full RU

Non-Beamforming

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11a,6M	100.00	100.00	100.00%
802.11be EHT20	5.46	5.58	97.85%
802.11be EHT40	5.46	5.58	97.85%
802.11be EHT80	5.46	5.58	97.85%
802.11be EHT160	5.46	5.62	97.15%
802.11be EHT240	5.46	5.62	97.15%

Full RU

Beamforming

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11ax HE20	5.44	5.58	97.49%
802.11ax HE40	5.44	5.58	97.49%
802.11ax HE80	5.44	5.56	97.84%
802.11ax HE160	5.46	5.62	97.15%
802.11be EHT20	5.46	5.58	97.85%
802.11be EHT40	5.46	5.58	97.85%
802.11be EHT80	5.44	5.56	97.84%
802.11be EHT160	5.46	5.60	97.50%
802.11be EHT240	5.46	5.64	96.81%

Channel Puncturing

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11be EHT80	5.46	5.62	97.15%
802.11be EHT160	5.46	5.60	97.50%

Multi-Resource Units

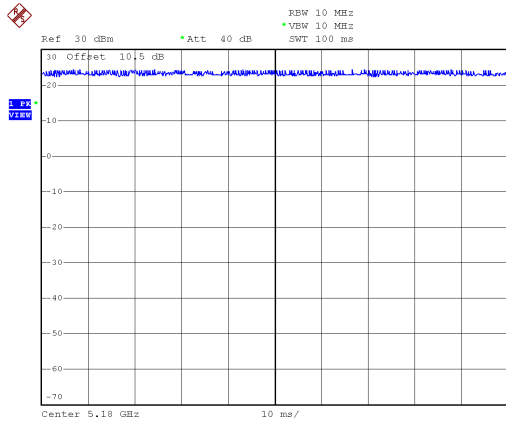
Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11be EHT80	5.46	5.62	97.15%
802.11be EHT160	5.46	5.60	97.50%

**7.5. Measurement Methods**

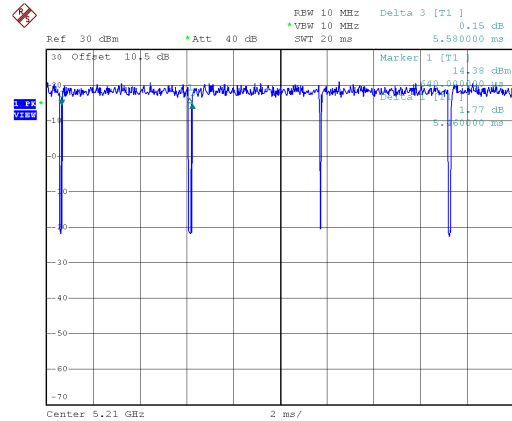
26 dB and 6dB Emission BW	KDB 789033 D02 v02r01, Section C
99% Occupied BW	KDB 789033 D02 v02r01, Section D
Conducted Output Power	KDB 789033 D02 v02r01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 D02 v02r01, Section F
Unwanted emissions in restricted bands	KDB 789033 D02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



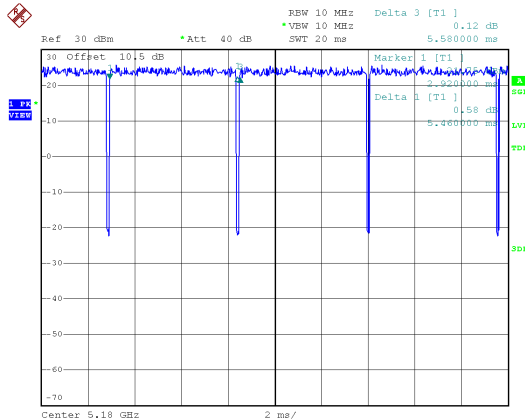
Full RU
Non-Beamforming
Modulation Type: 802.11a (6Mbps)



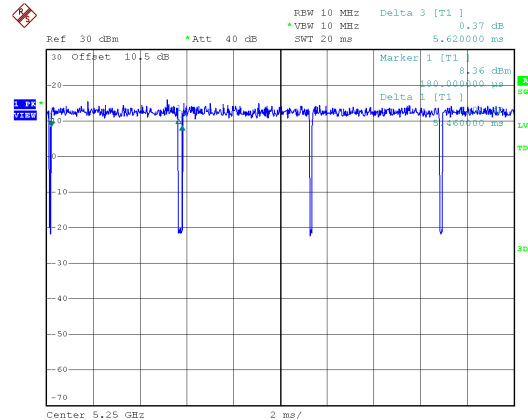
Modulation Type: 802.11be EHT80 (30.6Mbps)



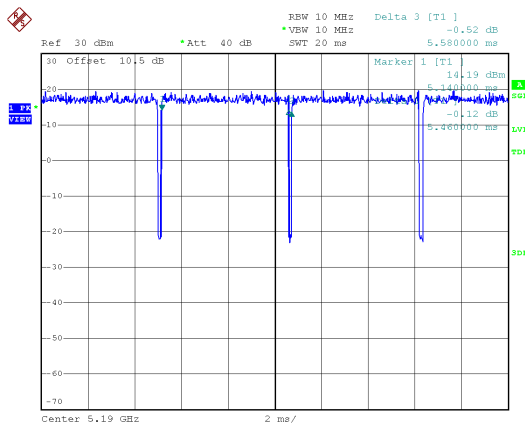
Modulation Type: 802.11be EHT20 (7.3Mbps)



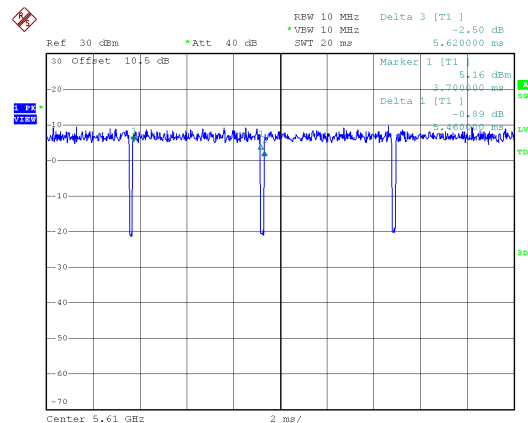
Modulation Type: 802.11be EHT160 (61.3Mbps)



Modulation Type: 802.11be EHT40 (14.6Mbps)



Modulation Type: 802.11be EHT240 (61.3Mbps)

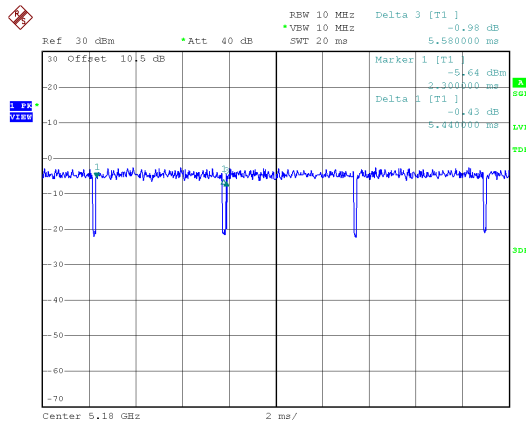




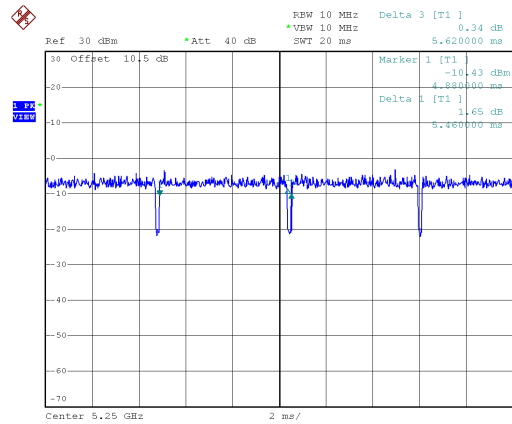
Full RU

Beamforming

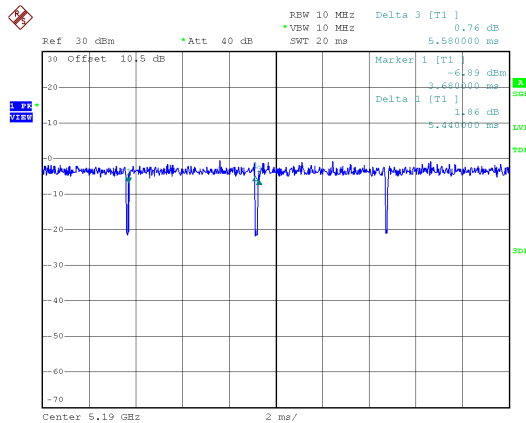
Modulation Type: 802.11ax HE20 (7.3Mbps)



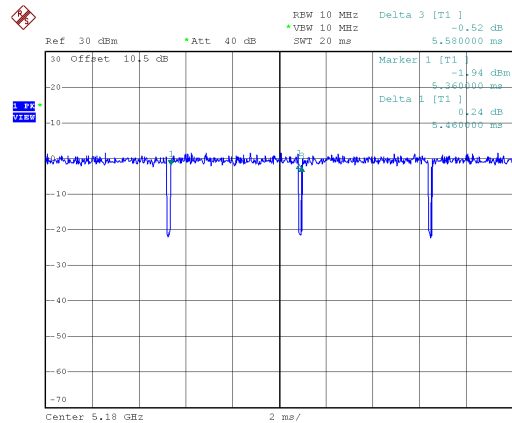
Modulation Type: 802.11ax HE160 (61.3Mbps)



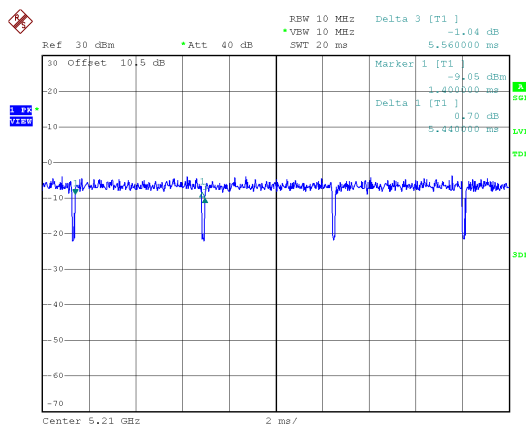
Modulation Type: 802.11ax HE40 (14.6Mbps)



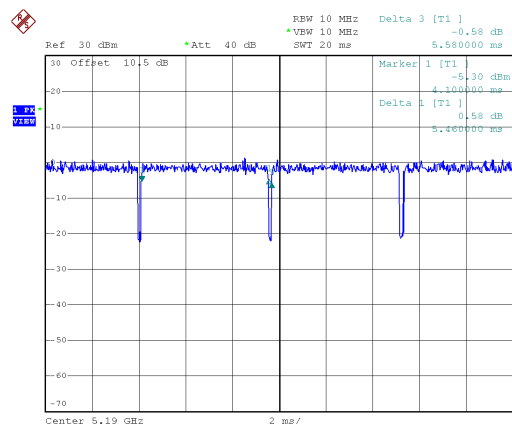
Modulation Type: 802.11be EHT20 (7.3Mbps)



Modulation Type: 802.11ax HE80 (30.6Mbps)

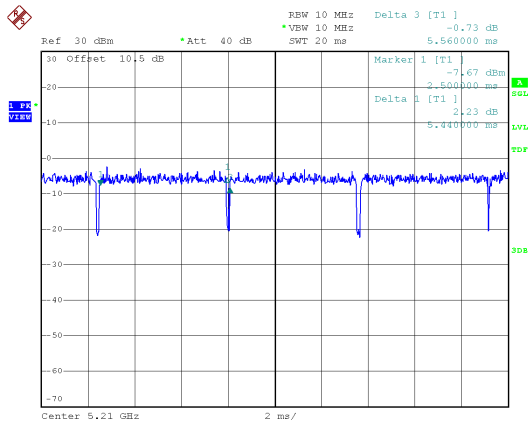


Modulation Type: 802.11be EHT40 (14.6Mbps)

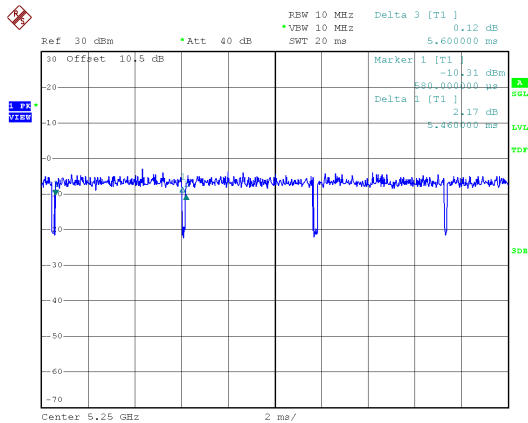




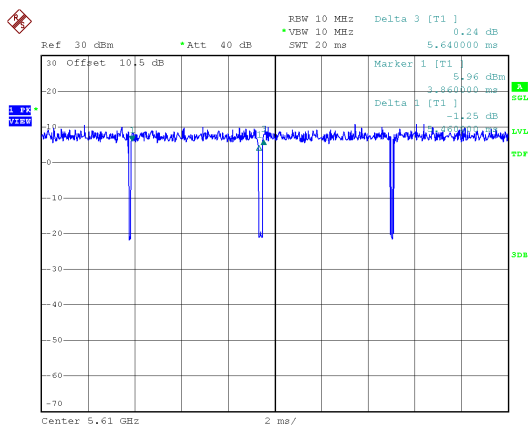
Full RU
Beamforming
Modulation Type: 802.11be EHT80 (30.6Mbps)



Modulation Type: 802.11be EHT160 (61.3Mbps)



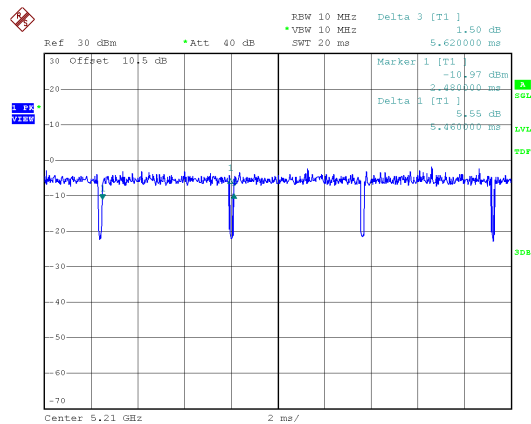
Modulation Type: 802.11be EHT240 (91.9Mbps)



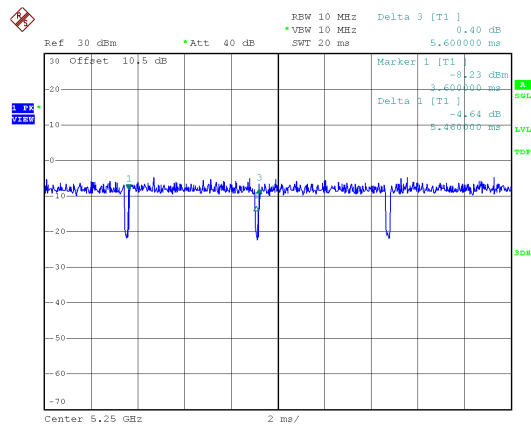


Channel Puncturing

Modulation Type: 802.11be EHT80 (30.6Mbps)



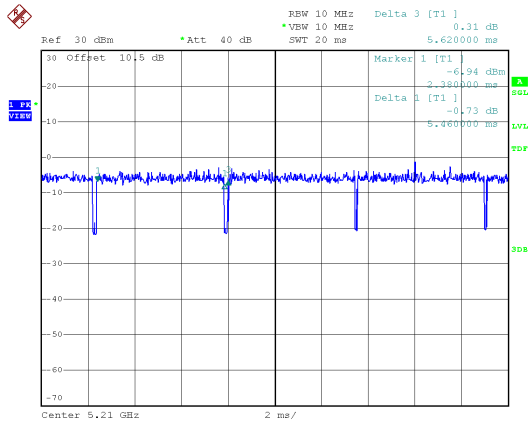
Modulation Type: 802.11be EHT160 (61.3Mbps)



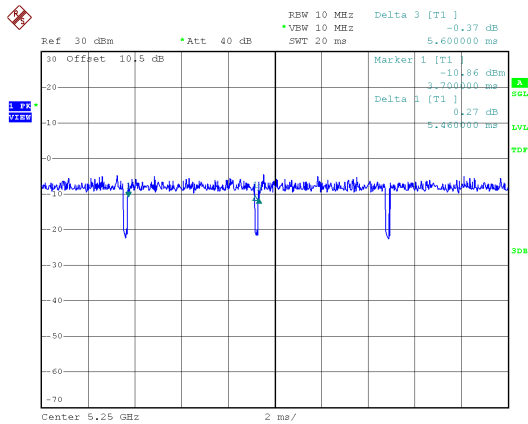


Multi-Resource Units

Modulation Type: 802.11be EHT80 (30.6Mbps)



Modulation Type: 802.11be EHT160 (61.3Mbps)





8. 6dB Bandwidth & 99% Occupied Bandwidth

8.1. Test Limit

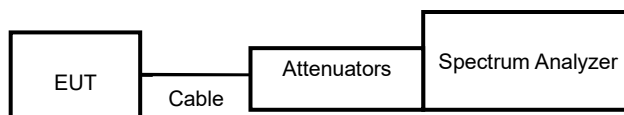
FCC §15.407

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**

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth(MHz)		Minimum Limit (MHz)
			ANT A	ANT B	
11a	149	5745	16.35	16.35	0.50
11a	157	5785	16.35	16.35	0.50
11a	165	5825	16.32	16.35	0.50
11be EHT20	149	5745	19.08	19.05	0.50
11be EHT20	157	5785	19.05	19.05	0.50
11be EHT20	165	5825	19.08	19.05	0.50
11be EHT40	151	5755	38.16	38.16	0.50
11be EHT40	159	5795	38.16	38.16	0.50
11be EHT80	155	5775	78.12	78.12	0.50

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	149	5745	17.13	17.19
11a	157	5785	17.01	17.04
11a	165	5825	17.73	17.97
11be EHT20	149	5745	19.17	19.08
11be EHT20	157	5785	19.14	19.14
11be EHT20	165	5825	19.11	19.11
11be EHT40	151	5755	38.40	38.46
11be EHT40	159	5795	38.46	38.40
11be EHT80	155	5775	77.88	77.88

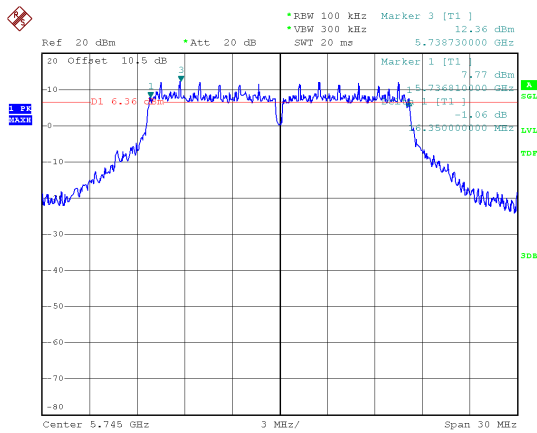


UNII Emission Bandwidth Result (Extends across 5725MHz band)				
Modulation Type	Data Rate / MCS	Frequency (MHz)	6dB Bandwidth(MHz)	
			ANT A	ANT B
11a	6 Mbps	5720	3.13	3.13
11be EHT20	NSS1-MCS0	5720	4.50	4.50
11be EHT40	NSS1-MCS0	5710	4.00	4.00
11be EHT80	NSS1-MCS0	5690	4.00	4.00
11be EHT240	NSS1-MCS0	5610	4.00	4.00

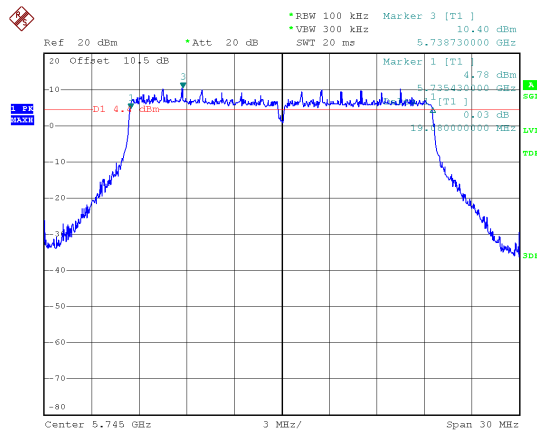
UNII Emission Bandwidth Result (Extends across 5725MHz band)				
Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	6 Mbps	5720	6.63	10.00
11be EHT20	NSS1-MCS0	5720	4.88	4.88
11be EHT40	NSS1-MCS0	5710	5.25	5.63
11be EHT80	NSS1-MCS0	5690	7.38	7.38
11be EHT240	NSS1-MCS0	5610	69.50	72.00



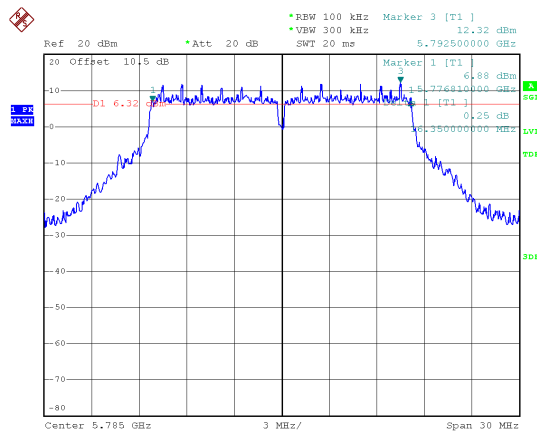
6dB Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH149



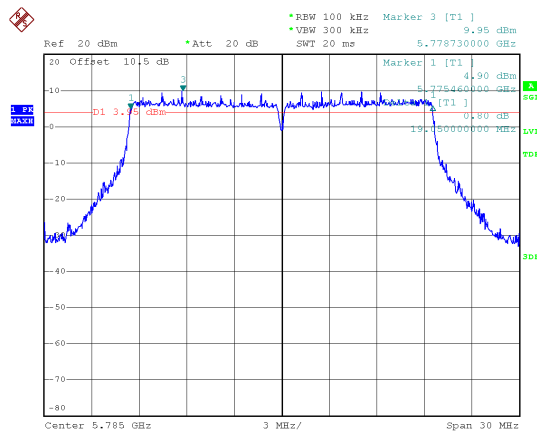
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH149



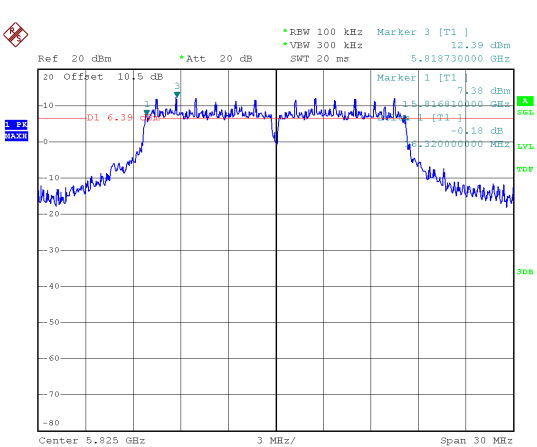
CH157



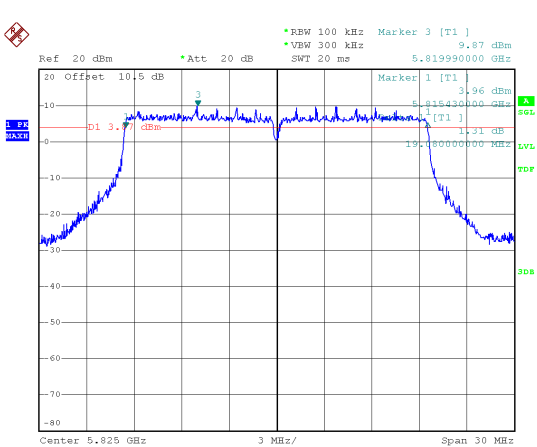
CH157



CH165



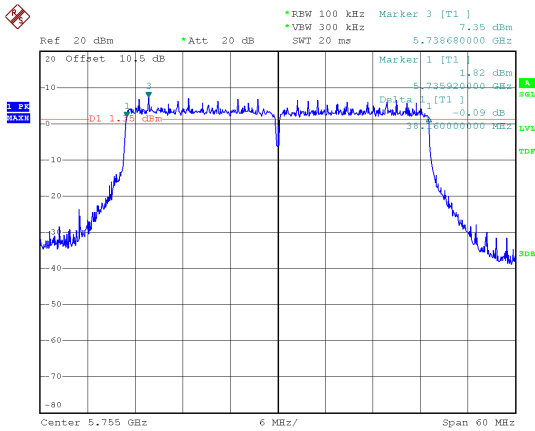
CH165



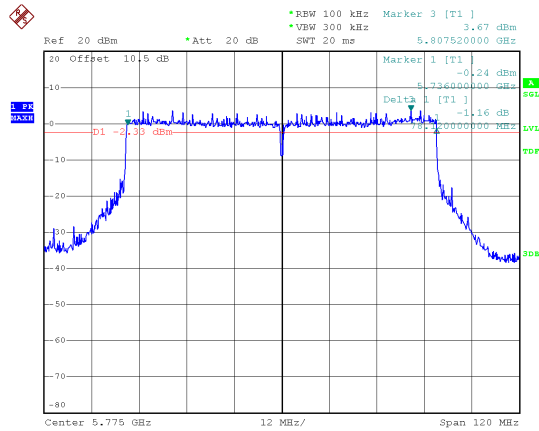


6dB Bandwidth, ANT A

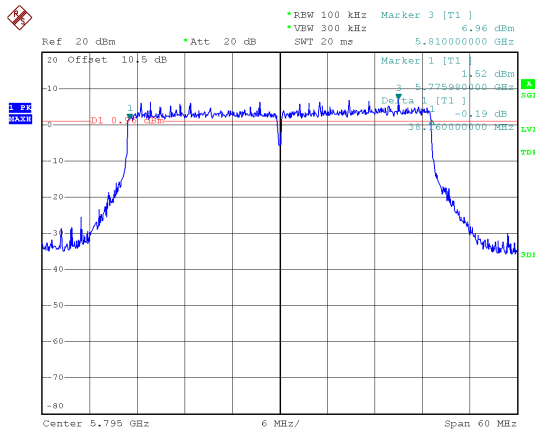
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH151

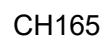
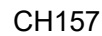
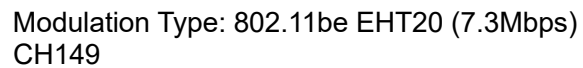


Modulation Type: 802.11be EHT80 (30.6Mbps)
CH155



CH159

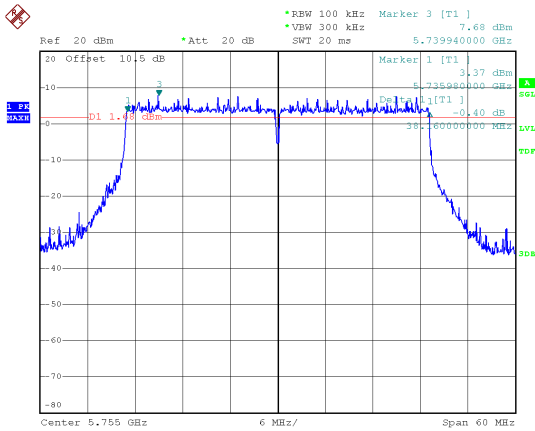




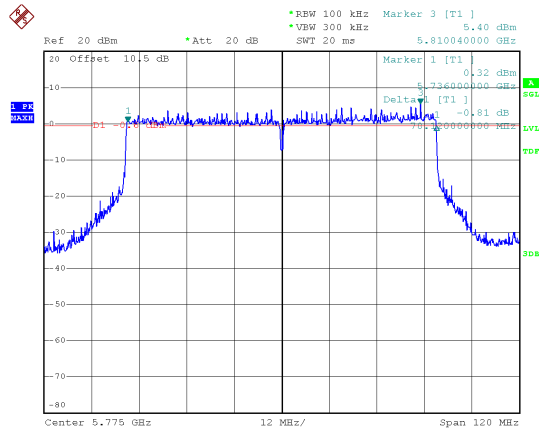


6dB Bandwidth, ANT B

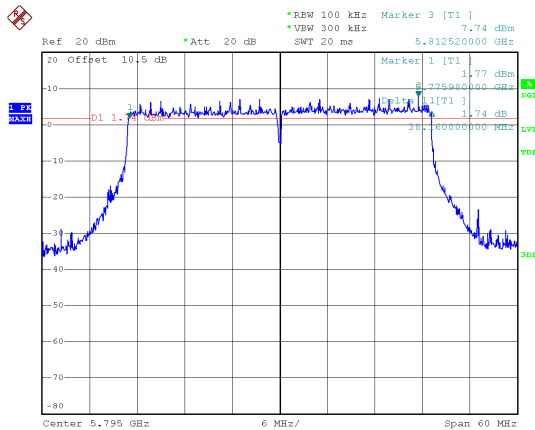
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH151



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH155

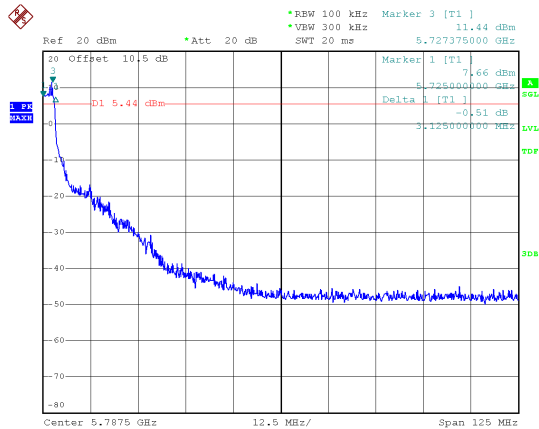


CH159

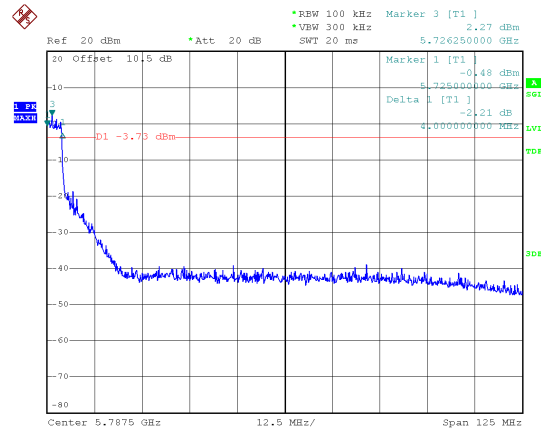




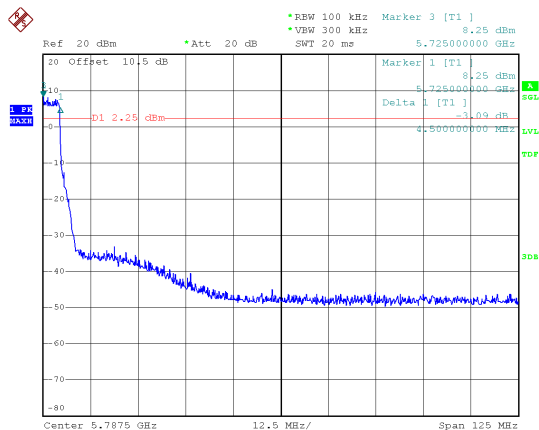
6dB Bandwidth, ANT A
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



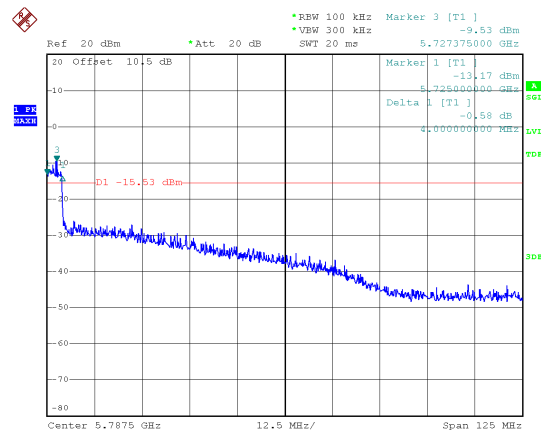
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



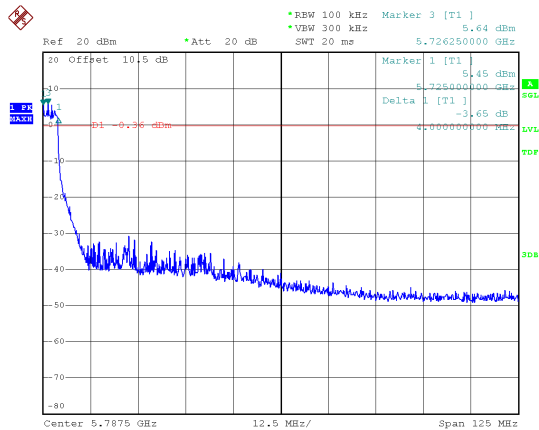
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Modulation Type: 802.11be EHT240 (91.9Mbps)
CH122

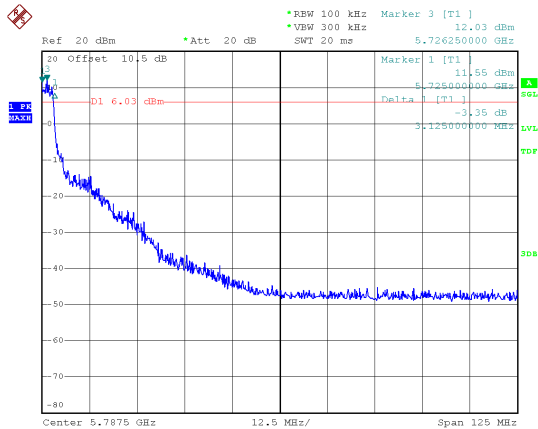


Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142

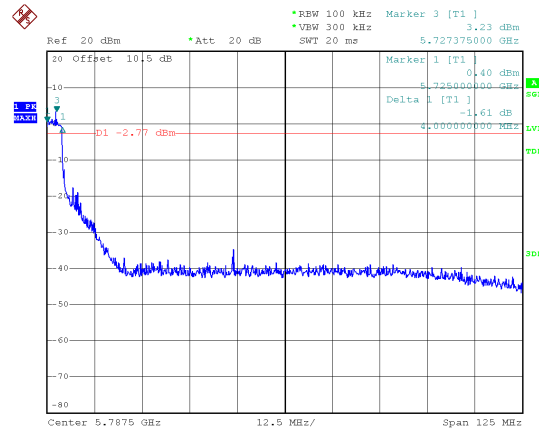




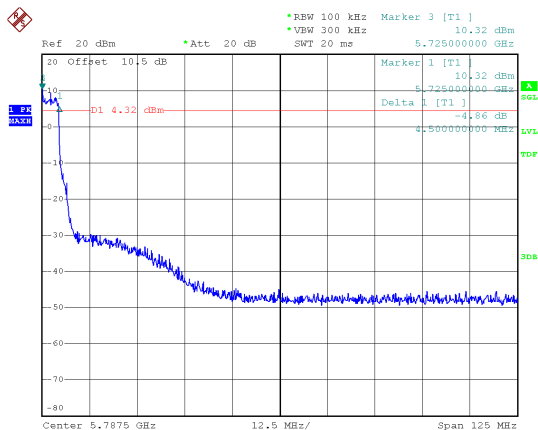
6dB Bandwidth, ANT B
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



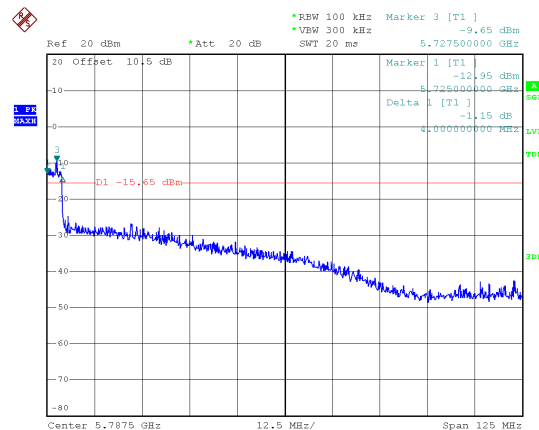
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



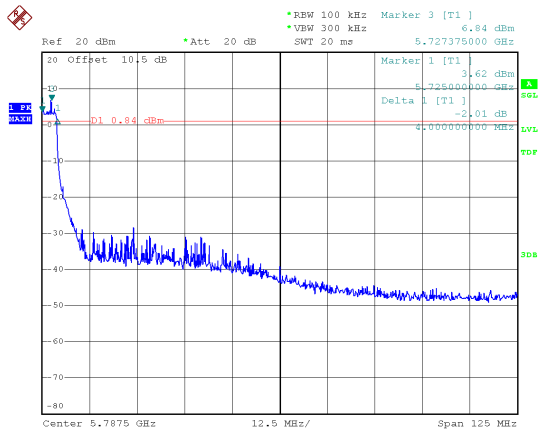
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Modulation Type: 802.11be EHT240 (91.9Mbps)
CH122

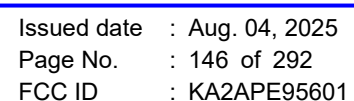
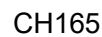
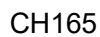
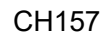
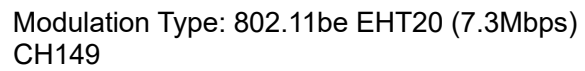


Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142





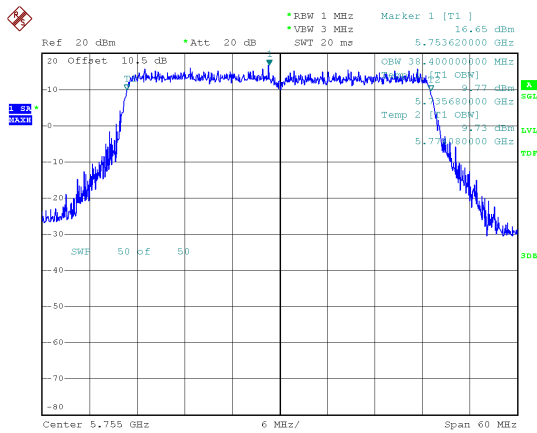
99% Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH149



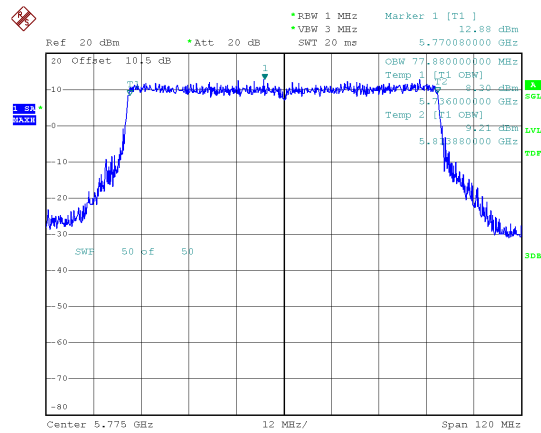


99% Bandwidth, ANT A

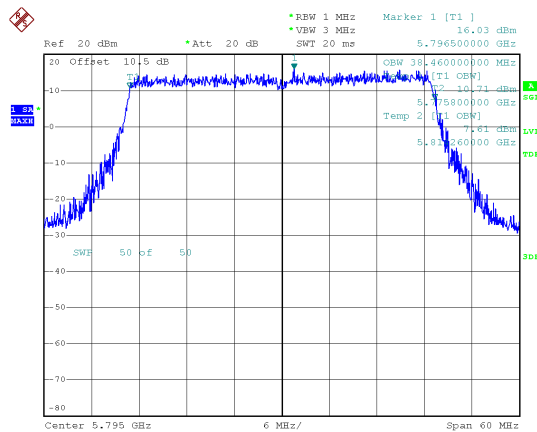
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH151



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH155

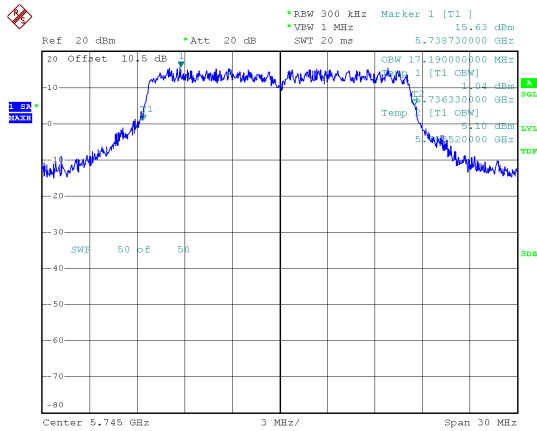


CH159

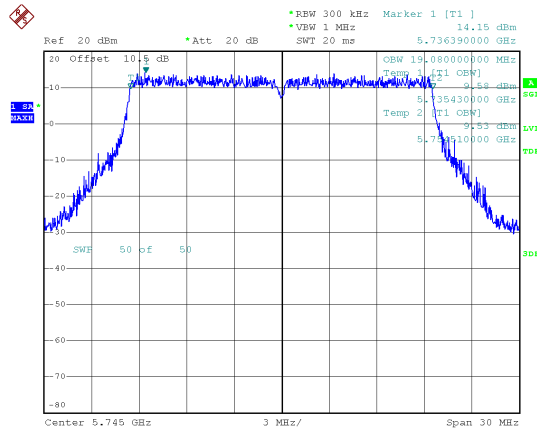




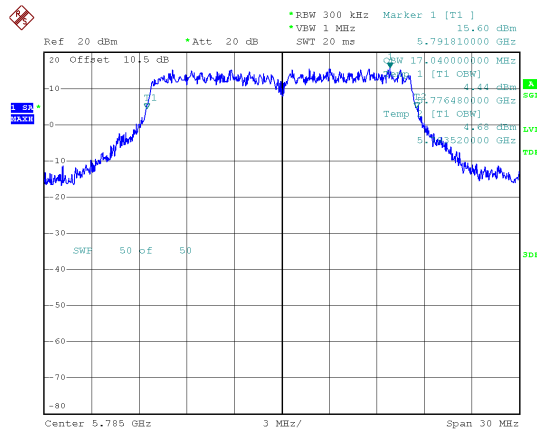
99% Bandwidth, ANT B
Modulation Type: 802.11a (6Mbps)
CH149



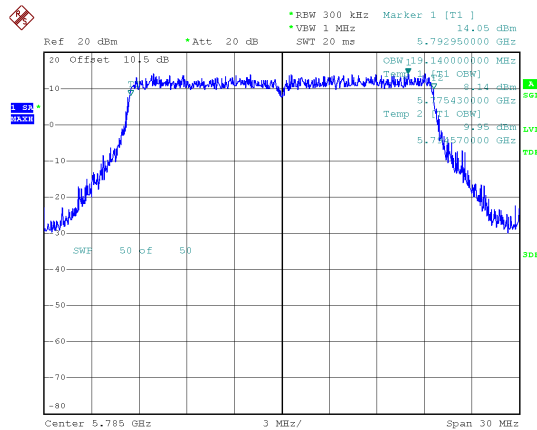
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH149



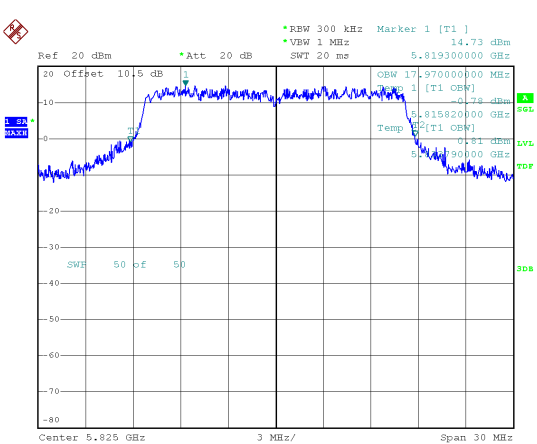
CH157



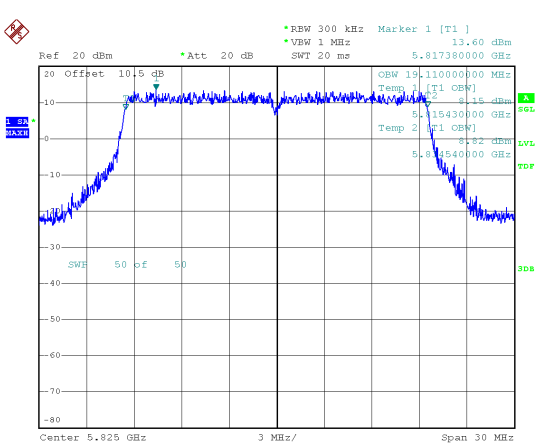
CH157

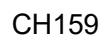
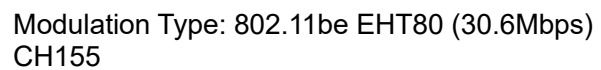


CH165



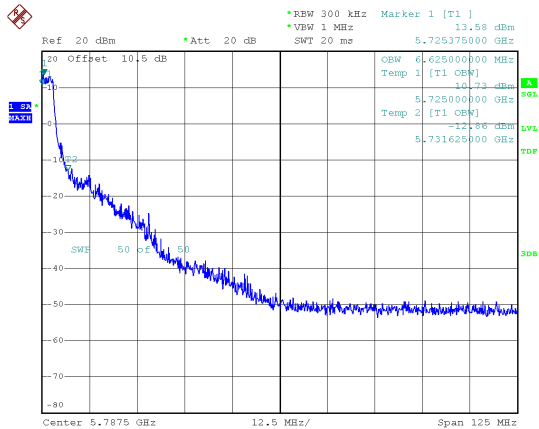
CH165



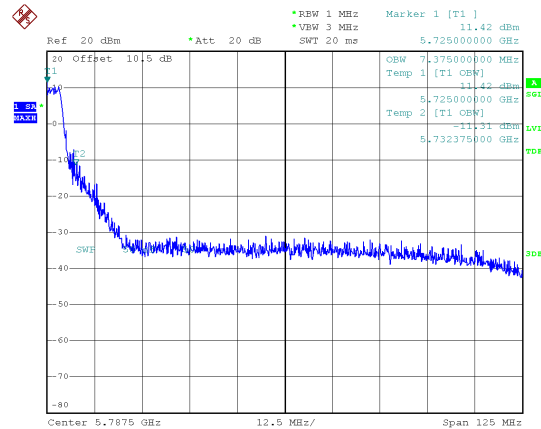




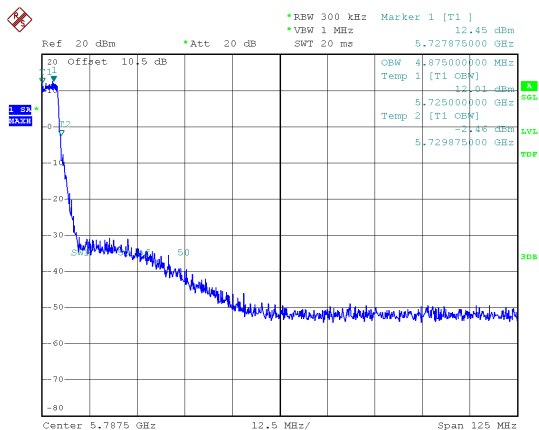
99% Bandwidth, ANT A
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



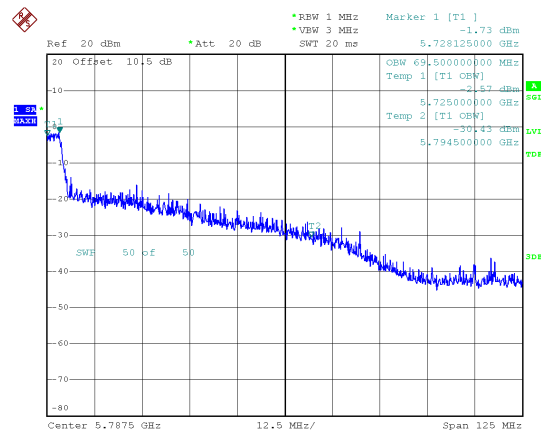
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



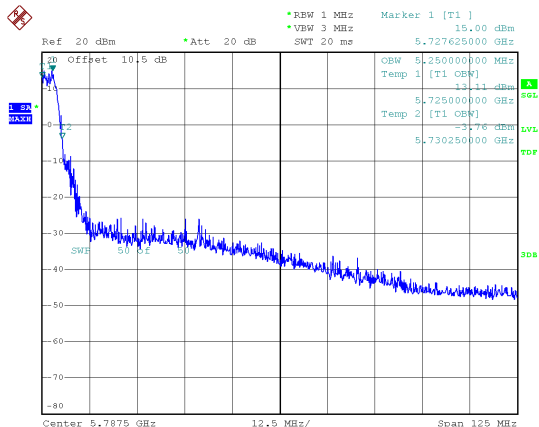
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Modulation Type: 802.11be EHT240 (61.3Mbps)
CH122



Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



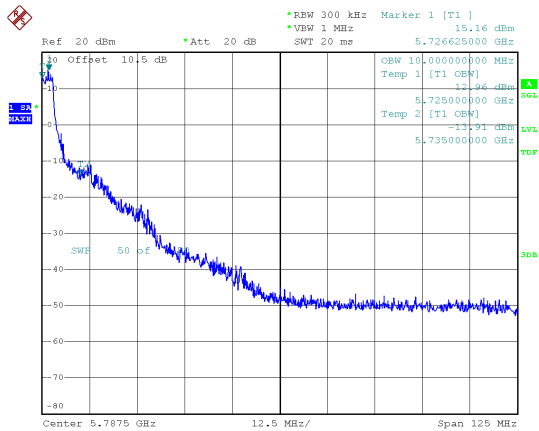


99% Bandwidth, ANT B

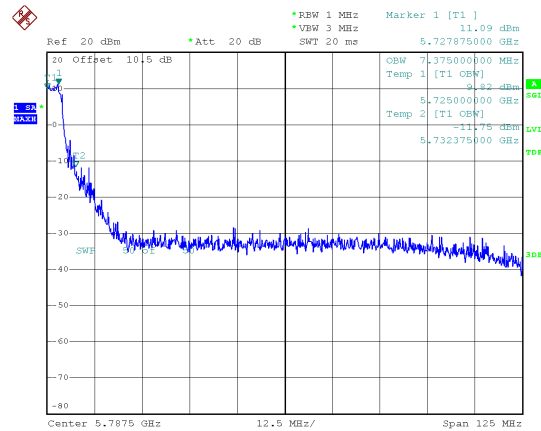
Extends across 5725MHz Band, Straddle Channel

Modulation Type: 802.11a (6Mbps)

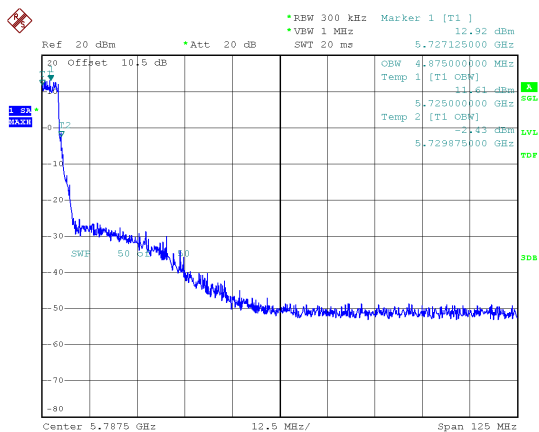
CH144



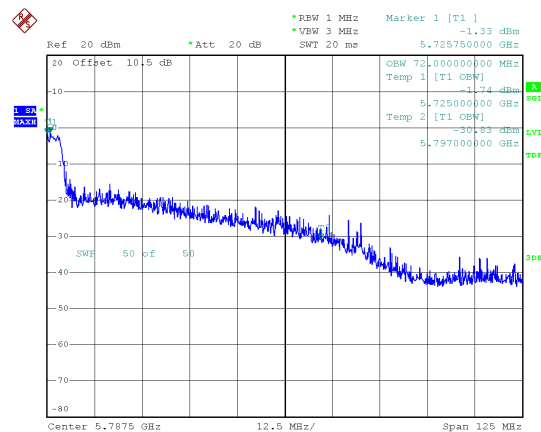
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



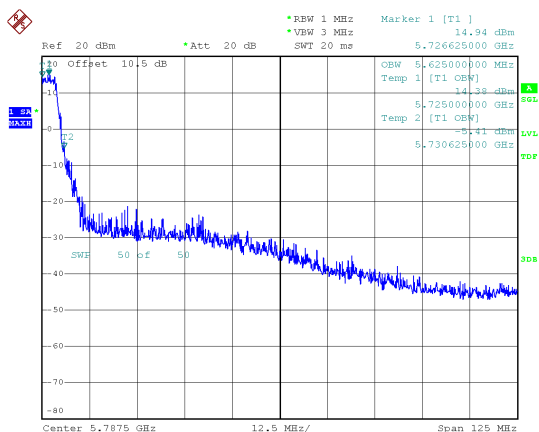
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Modulation Type: 802.11be EHT240 (61.3Mbps)
CH122



Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142





9. 26dB Bandwidth & 99% Occupied Bandwidth

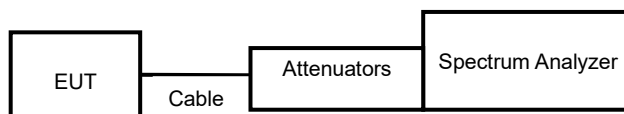
9.1. Test Limit

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**

In the 5.2G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	36	5180	22.7	22.5
11a	40	5200	23.3	23.3
11a	48	5240	22.75	22.45
11be EHT20	36	5180	23.35	23.75
11be EHT20	40	5200	23.25	23.6
11be EHT20	48	5240	24.6	25.2
11be EHT40	38	5190	44.9	45.5
11be EHT40	46	5230	45.4	45.2
11be EHT80	42	5210	89.12	89.28

In the 5.3G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	52	5260	22.7	22.45
11a	60	5300	24.4	23.45
11a	64	5320	22.7	22.5
11be EHT20	52	5260	25.05	26.1
11be EHT20	60	5300	23.4	23.3
11be EHT20	64	5320	23.8	23.65
11be EHT40	54	5270	45.2	45.5
11be EHT40	62	5310	45.8	45.9
11be EHT80	58	5290	89.12	90.08

In the 5.5G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	100	5500	22.55	22.4
11a	120	5600	22.85	22.65
11a	140	5700	22.45	22.45
11be EHT20	100	5500	23	23.15
11be EHT20	120	5600	23.35	23.75
11be EHT20	140	5700	23.35	23.8
11be EHT40	102	5510	45.6	45.6
11be EHT40	118	5590	45.9	45.1
11be EHT40	134	5670	45.6	45.9
11be EHT80	106	5530	89.6	88.32
11be EHT80	122	5610	89.28	89.28
11be EHT160	114	5570	173.52	173.04



In the 5.2G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	36	5180	17.01	16.92
11a	40	5200	17.10	17.16
11a	48	5240	17.01	16.95
11be EHT20	36	5180	19.14	19.17
11be EHT20	40	5200	19.14	19.14
11be EHT20	48	5240	19.20	19.20
11be EHT40	38	5190	38.34	38.52
11be EHT40	46	5230	38.40	38.40
11be EHT80	42	5210	77.76	77.88

In the 5.3G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	52	5260	16.98	16.92
11a	60	5300	17.28	17.19
11a	64	5320	17.04	16.95
11be EHT20	52	5260	19.20	19.17
11be EHT20	60	5300	19.17	19.14
11be EHT20	64	5320	19.17	19.20
11be EHT40	54	5270	38.46	38.52
11be EHT40	62	5310	38.58	38.46
11be EHT80	58	5290	77.88	77.88

In the 5.5G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	100	5500	16.98	16.95
11a	120	5600	17.04	16.98
11a	140	5700	16.98	16.95
11be EHT20	100	5500	19.14	19.11
11be EHT20	120	5600	19.17	19.17
11be EHT20	140	5700	19.14	19.11
11be EHT40	102	5510	38.40	38.46
11be EHT40	118	5590	38.52	38.46
11be EHT40	134	5670	38.46	38.52
11be EHT80	106	5530	77.76	77.76
11be EHT80	122	5610	77.88	77.76
11be EHT160	114	5570	157.92	157.68



UNII Emission Bandwidth Result (Within 5470-5725MHz band)				
Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	6 Mbps	5720	17.09	21.68
11be EHT20	NSS1-MCS0	5720	16.58	16.32
11be EHT40	NSS1-MCS0	5710	38.25	37.23
11be EHT80	NSS1-MCS0	5690	79.05	80.33
11be EHT240	NSS1-MCS0	5610	240.98	239.70

UNII Emission Bandwidth Result (Within 5150-5250MHz band)				
Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11be EHT160	NSS1-MCS0	5250	87.70	87.90

UNII Emission Bandwidth Result (Extends across 5250MHz band)				
Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11be EHT160	NSS1-MCS0	5250	85.70	85.60



UNII Emission Bandwidth Result (Within 5470-5725MHz band)				
Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	6 Mbps	5720	14.03	14.03
11be EHT20	NSS1-MCS0	5720	14.54	14.54
11be EHT40	NSS1-MCS0	5710	34.43	34.43
11be EHT80	NSS1-MCS0	5690	73.44	73.70
11be EHT240	NSS1-MCS0	5610	232.05	232.05

UNII Emission Bandwidth Result (Within 5150-5250MHz band)				
Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11be EHT160	NSS1-MCS0	5250	78.90	79.00

UNII Emission Bandwidth Result (Extends across 5250MHz band)				
Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11be EHT160	NSS1-MCS0	5250	78.90	78.90



26dB Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH36

1 FX MAX

20 Offset 1015 dB

Ref 20 dBm Att 20 dB BW 300 kHz Marker 1 [T1] 11.60 dBm

SWT 20 ns 5.177750000 GHz

1

10

0

-10

-20

-30

-40

-50

-60

-70

-80

SWR

50

14.48 dBm

16.65 dBm

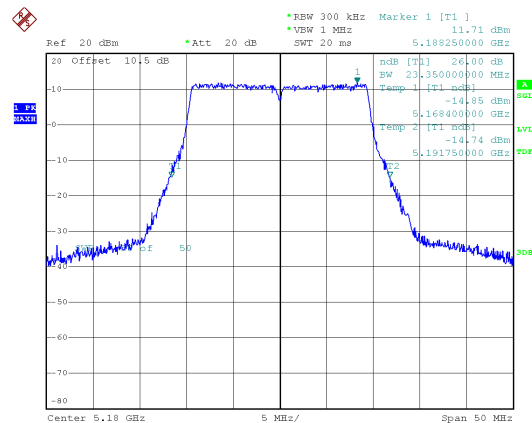
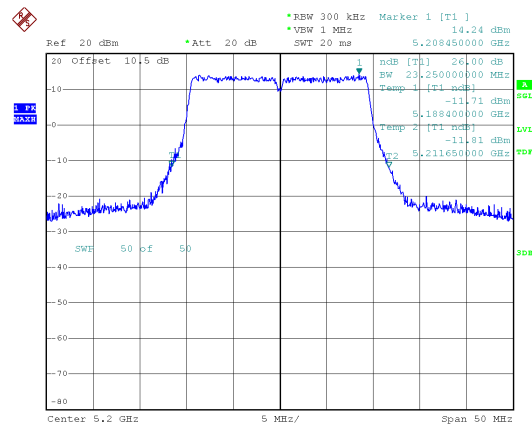
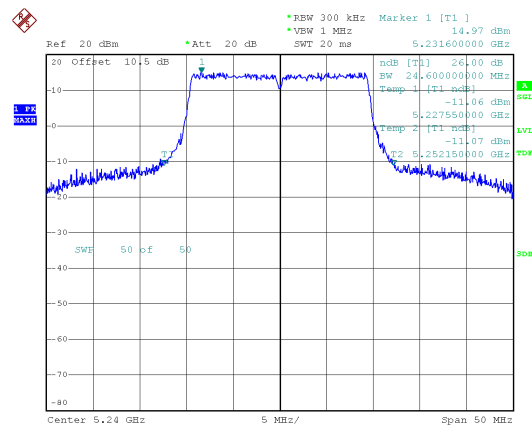
14.82 dBm

19.13 dBm

5.18 GHz

5 MHz

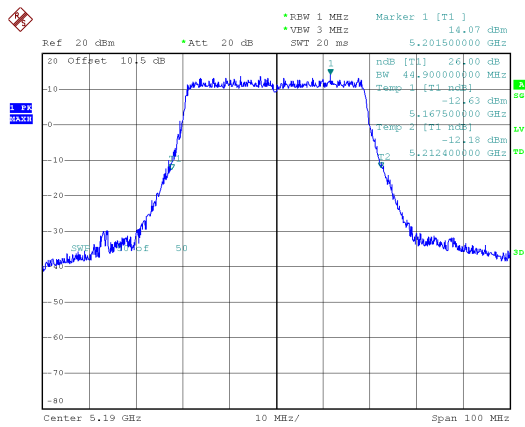
Span 50 MHz

[illegible][illegible]

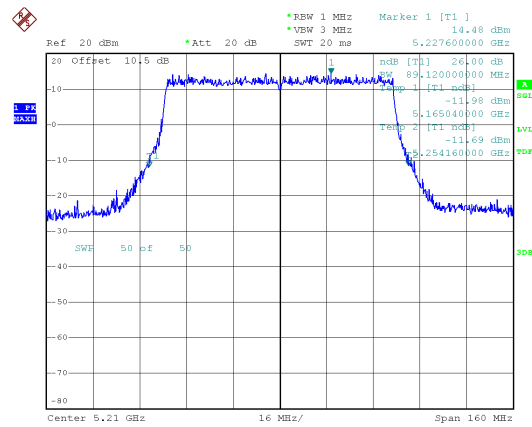


26dB Bandwidth, ANT A

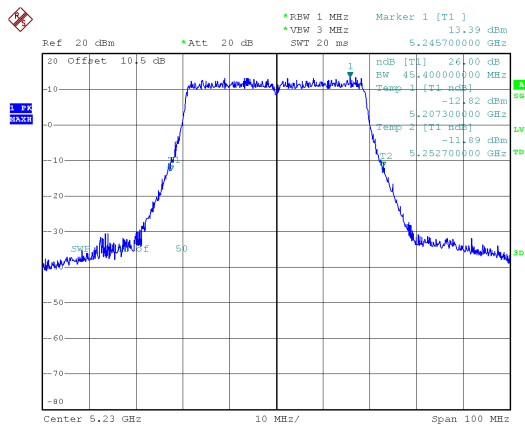
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH38



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH42

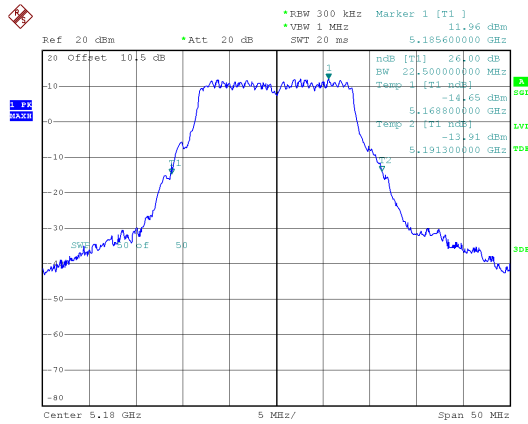


CH46

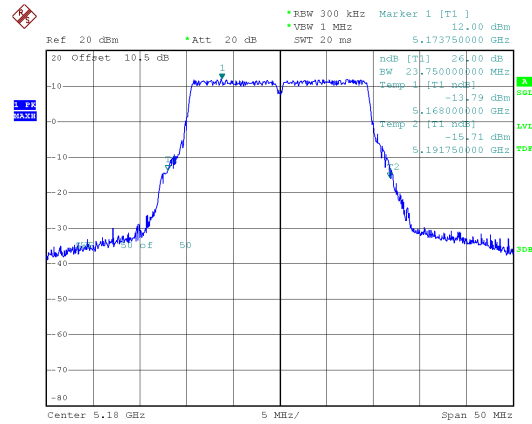




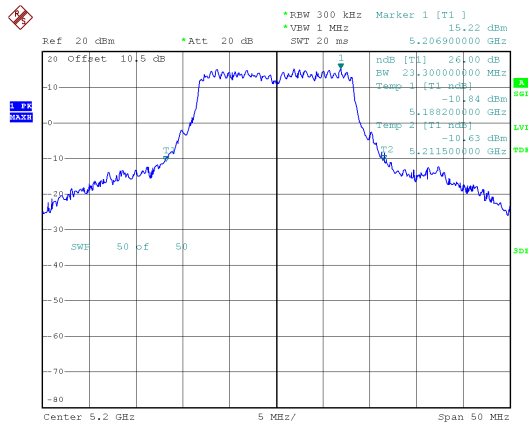
26dB Bandwidth, ANT B
Modulation Type: 802.11a (6Mbps)
CH36



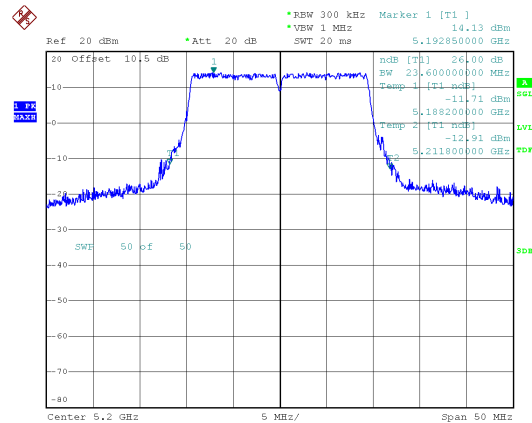
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH36



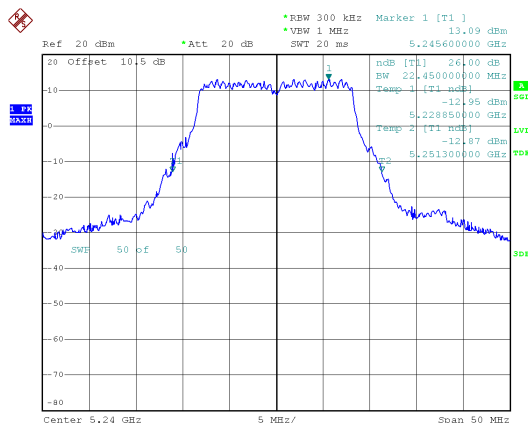
CH40



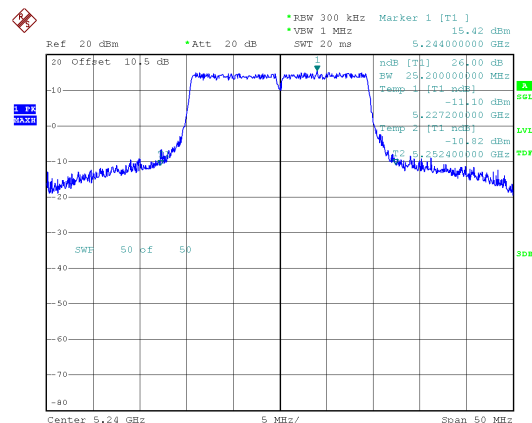
CH40



CH48



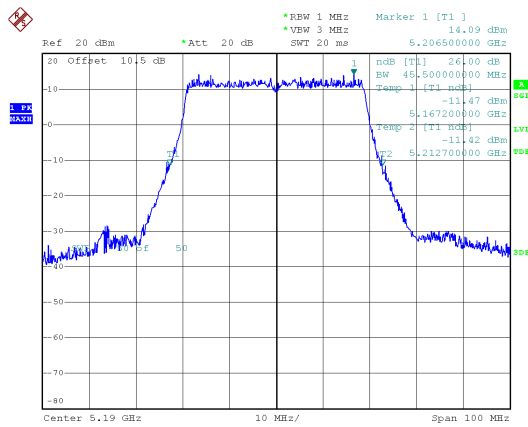
CH48



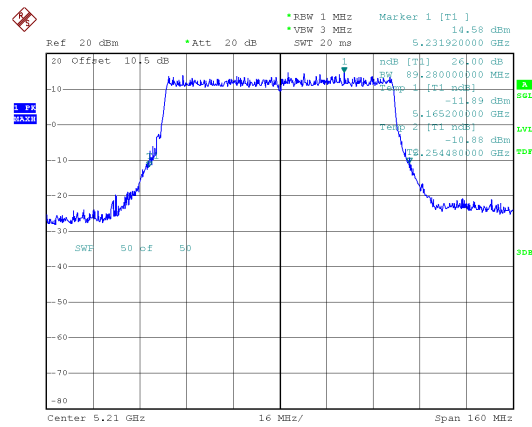


26dB Bandwidth, ANT B

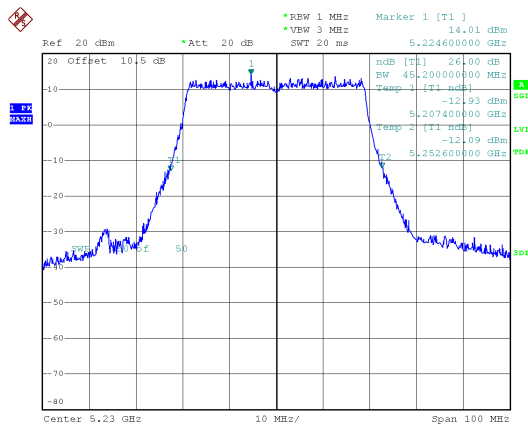
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH38



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH42

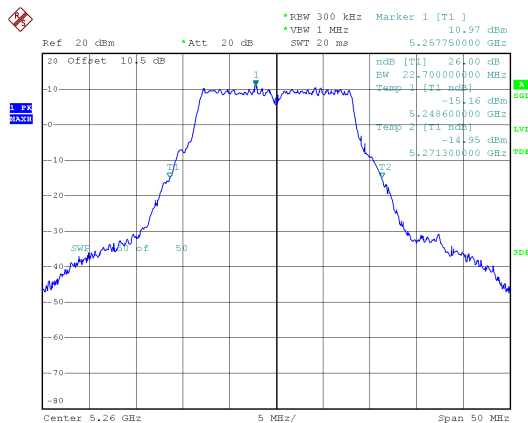


CH46

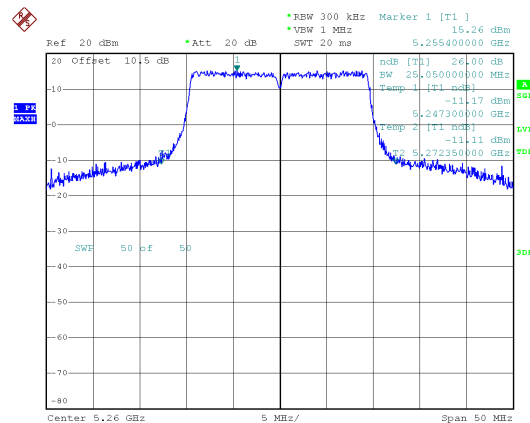




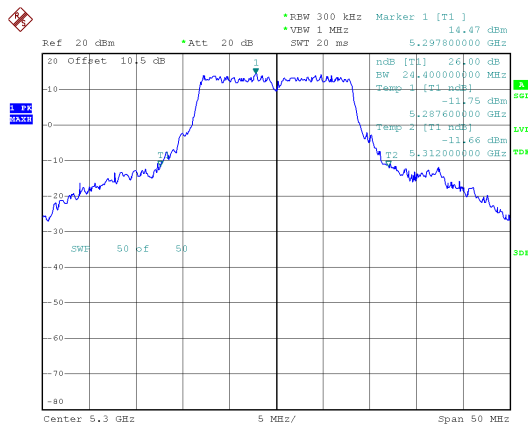
26dB Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH52



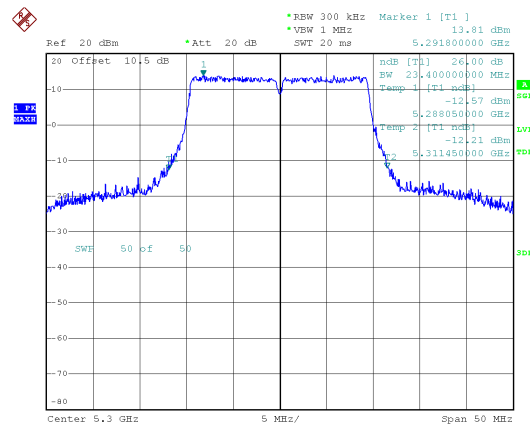
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH52



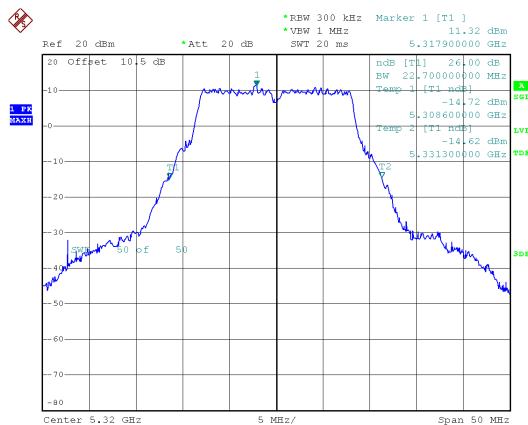
CH60



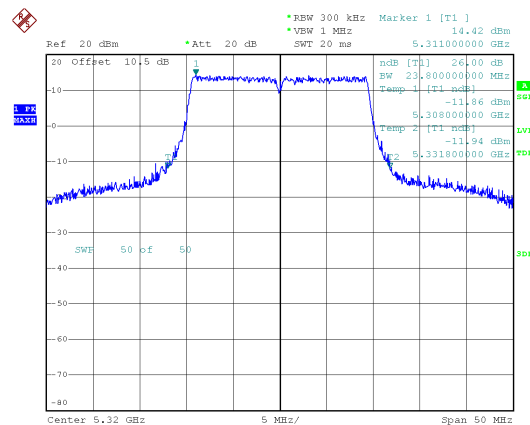
CH60



CH64



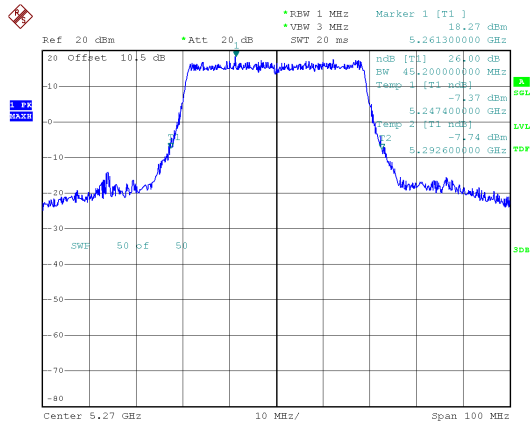
CH64



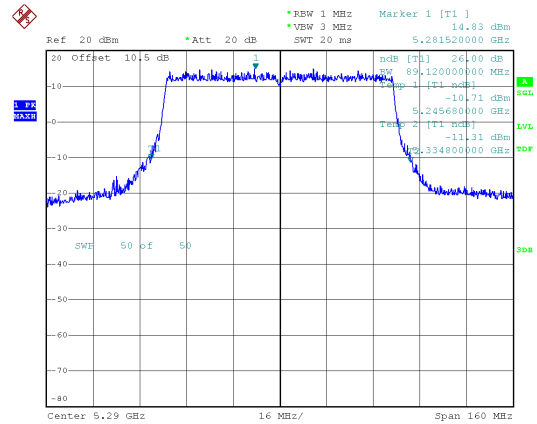


26dB Bandwidth, ANT A

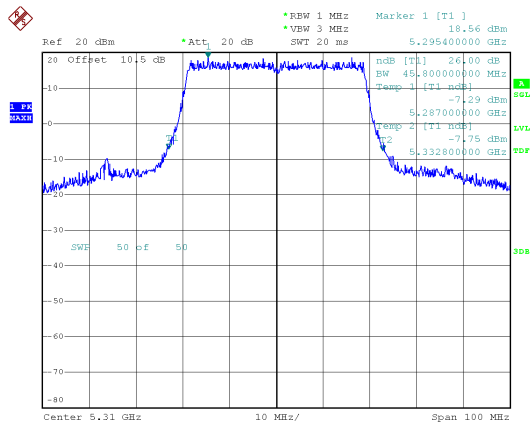
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH54



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH58

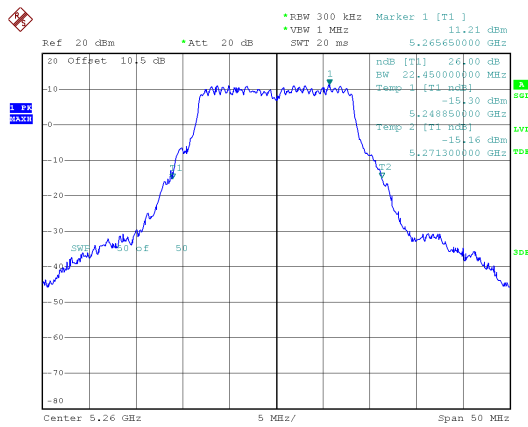


CH62

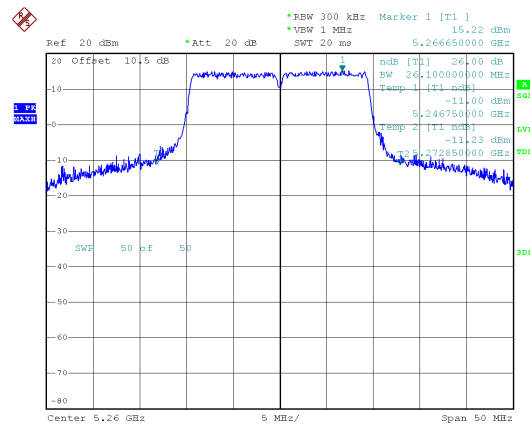




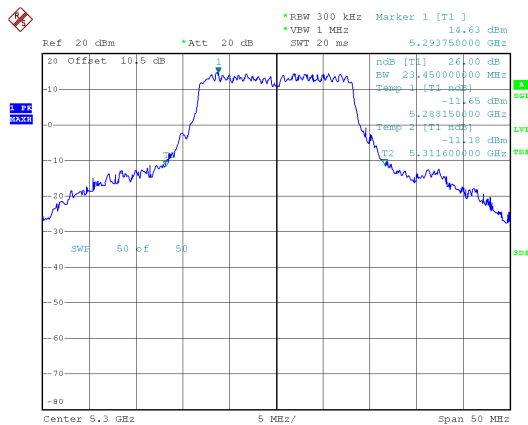
26dB Bandwidth, ANT B
Modulation Type: 802.11a (6Mbps)
CH52



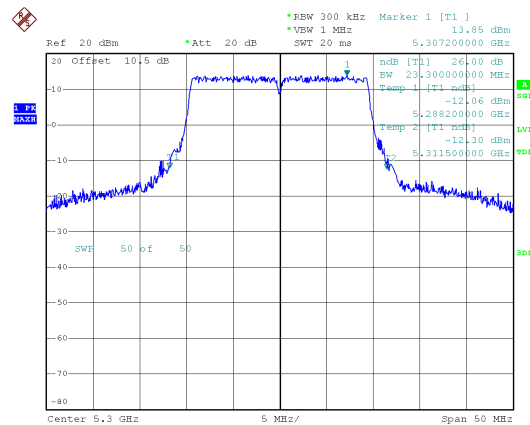
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH52



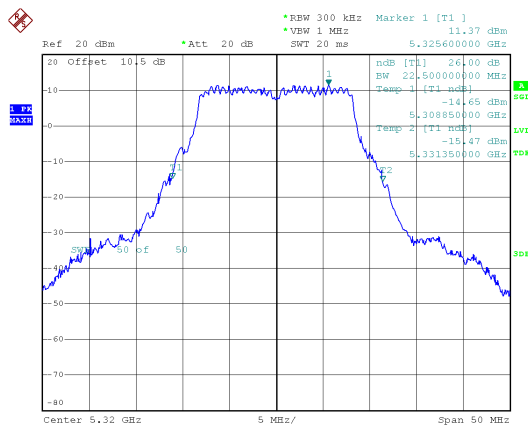
CH60



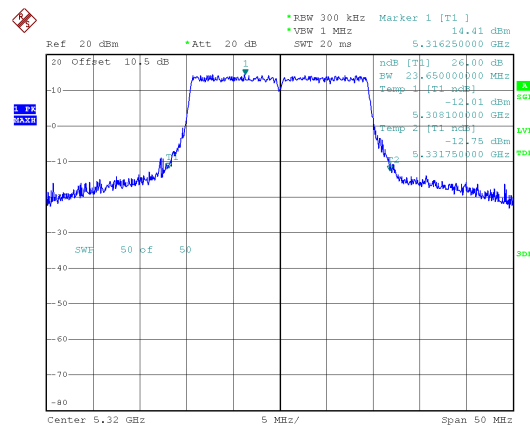
CH60



CH64



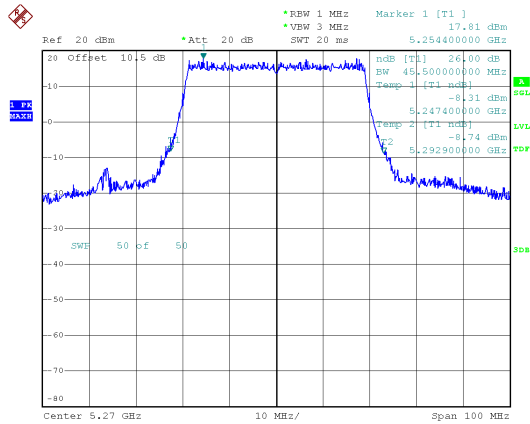
CH64



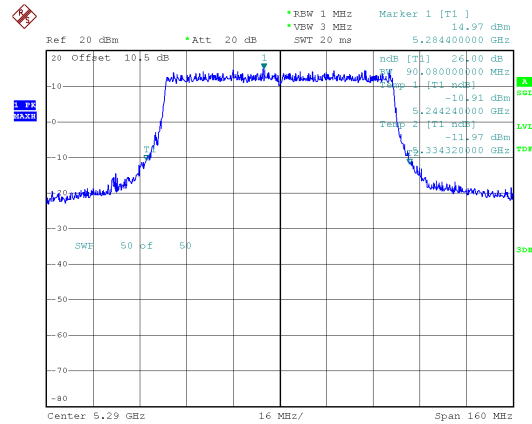


26dB Bandwidth, ANT B

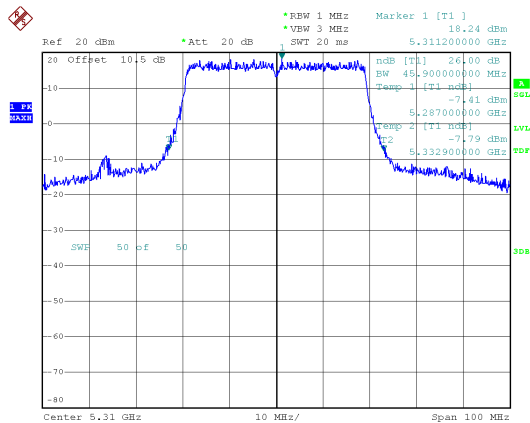
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH54



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH58

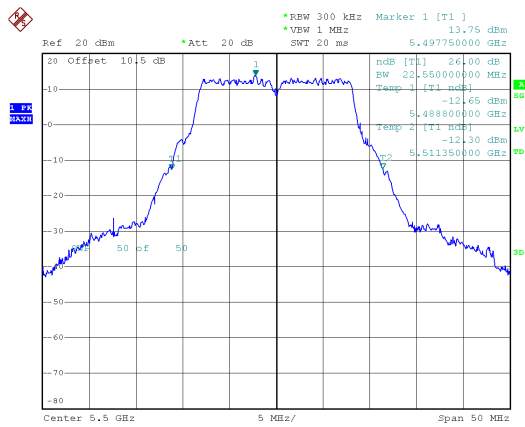


CH62

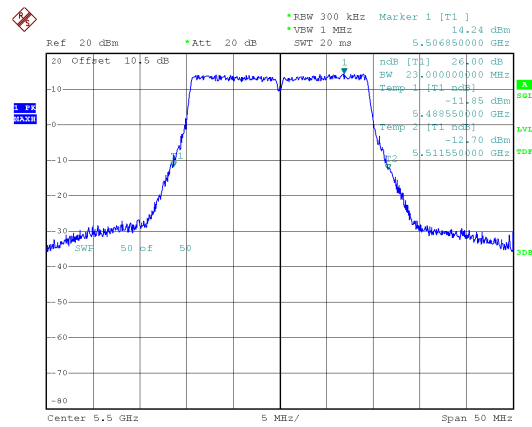




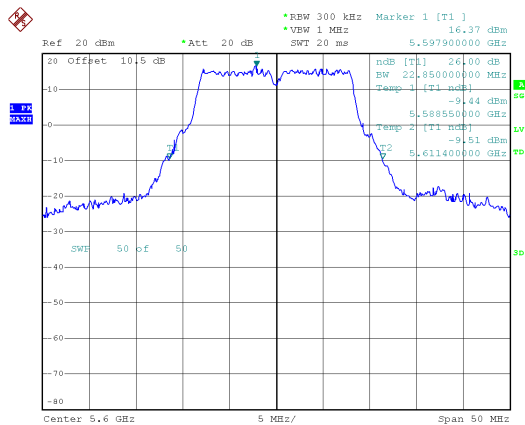
26dB Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH100



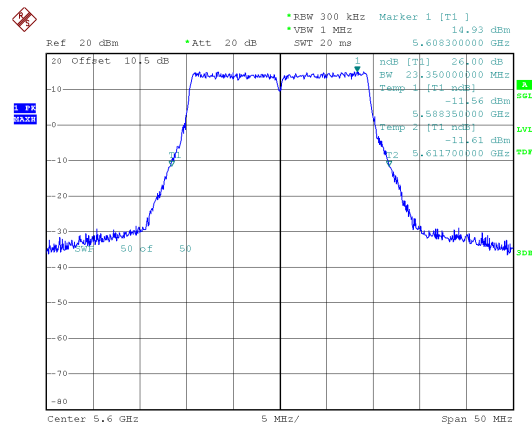
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH100



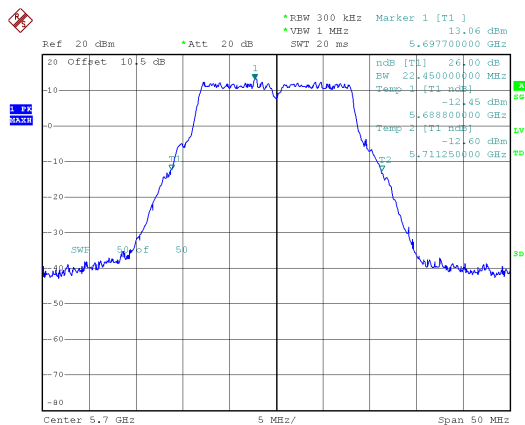
CH120



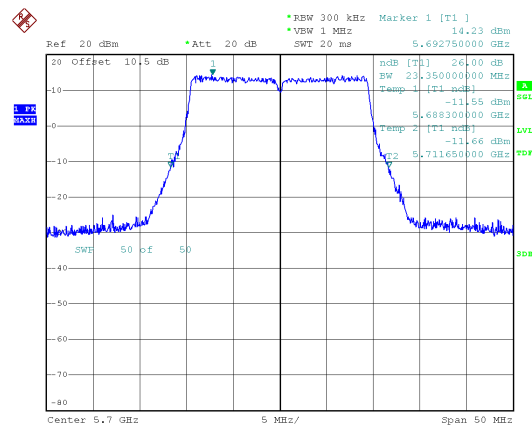
CH120



CH140

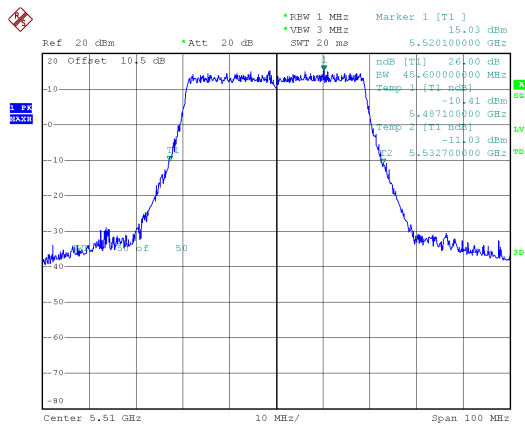


CH140

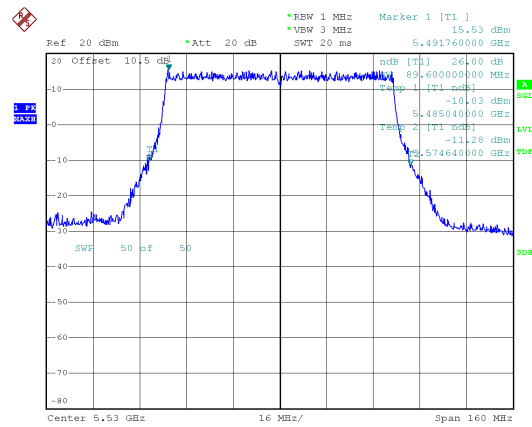




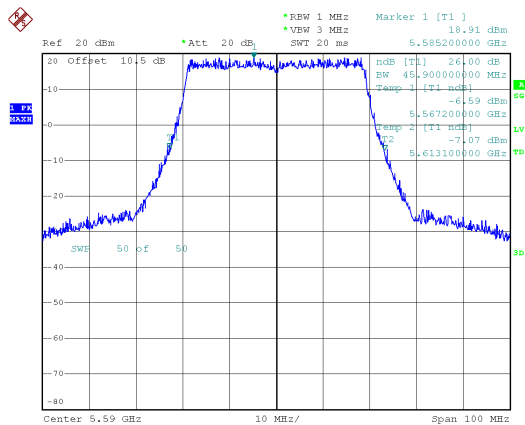
26dB Bandwidth, ANT A
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH102



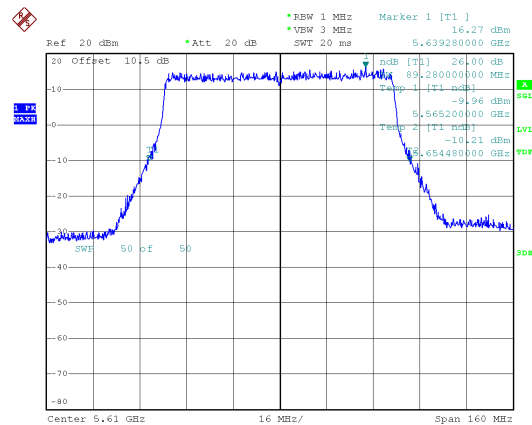
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH106



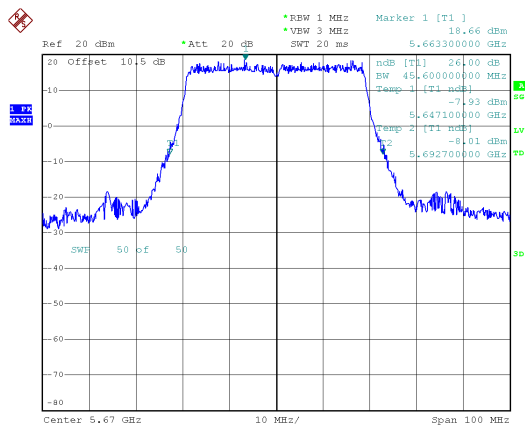
CH118



CH122

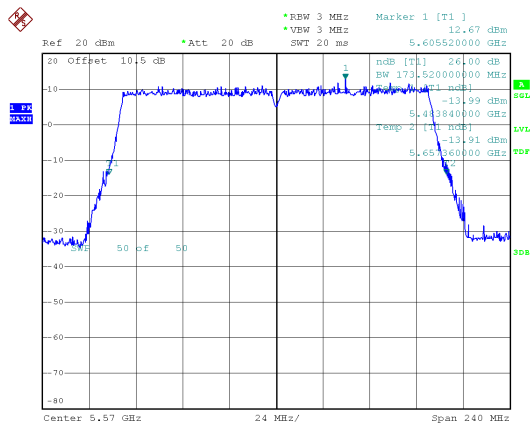


CH134



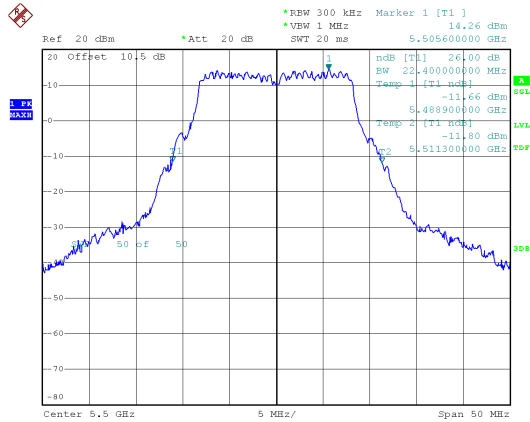
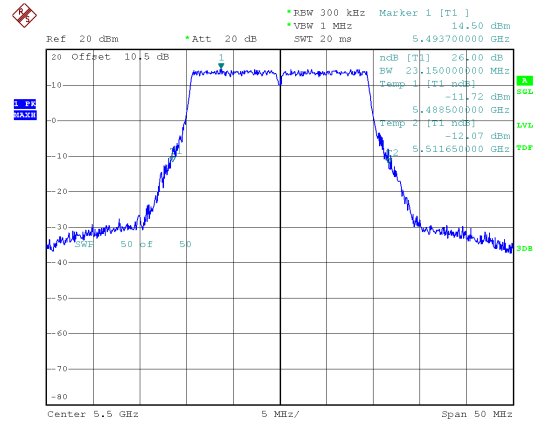


26dB Bandwidth, ANT A
Modulation Type: 802.11be EHT160 (61.3Mbps)
CH114

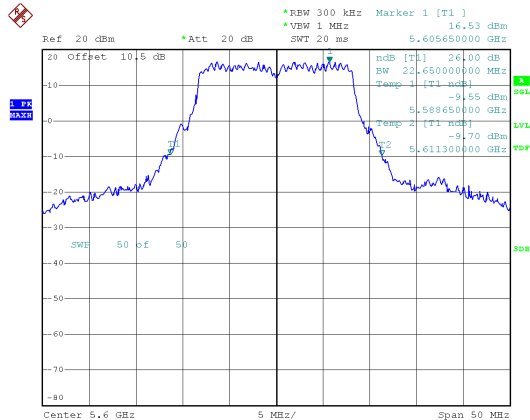




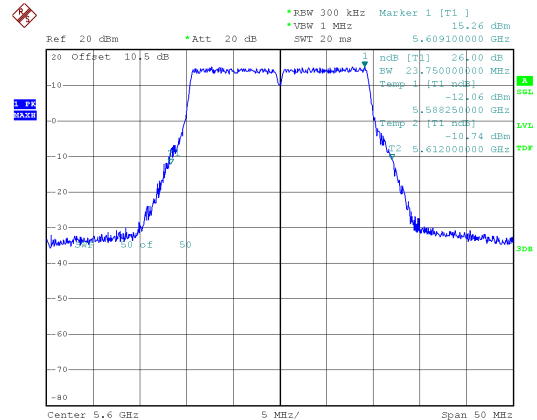
26dB Bandwidth, ANT B

Modulation Type: 802.11a (6Mbps)
CH100Modulation Type: 802.11be EHT20 (7.3Mbps)
CH100

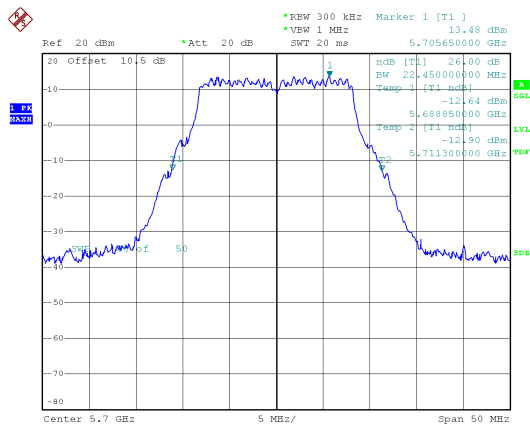
CH120



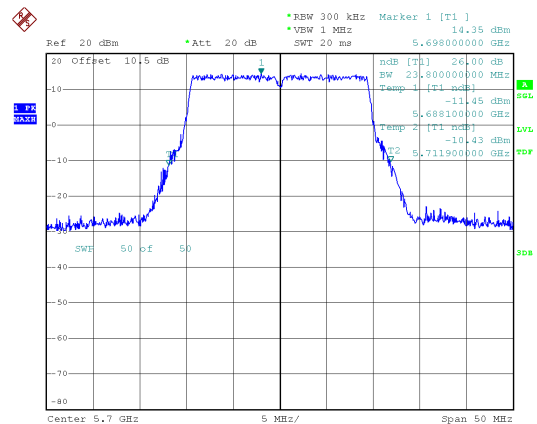
CH120



CH140



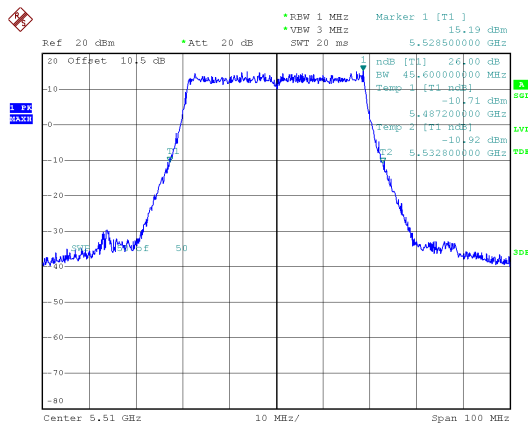
CH140



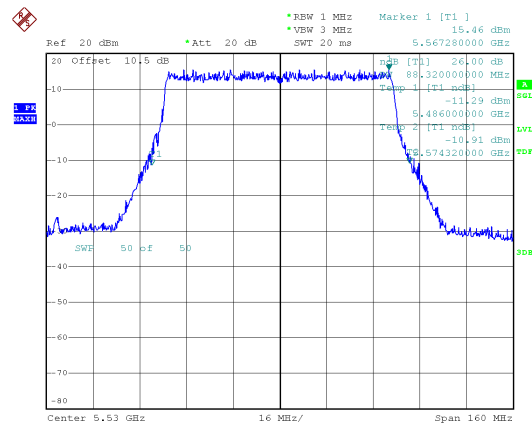


26dB Bandwidth, ANT B

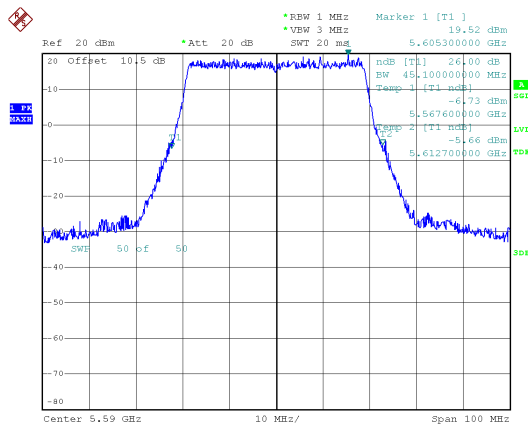
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH102



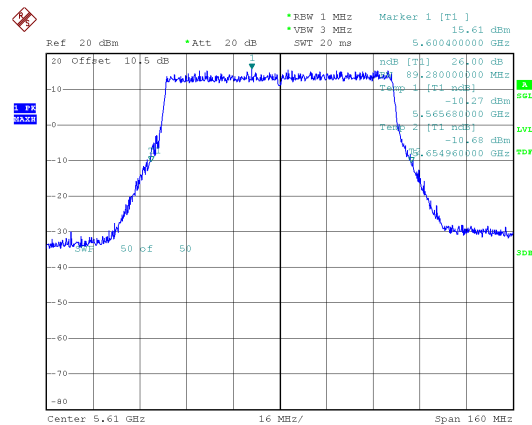
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH106



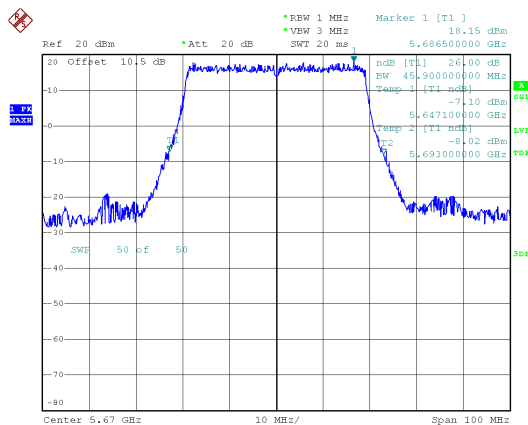
CH118



CH122

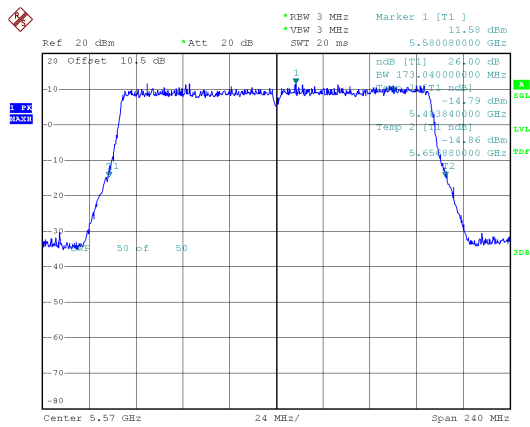


CH134



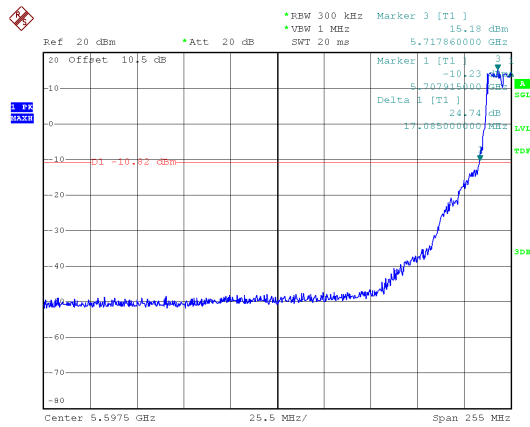


26dB Bandwidth, ANT B
Modulation Type: 802.11be EHT160 (61.3Mbps)
CH114

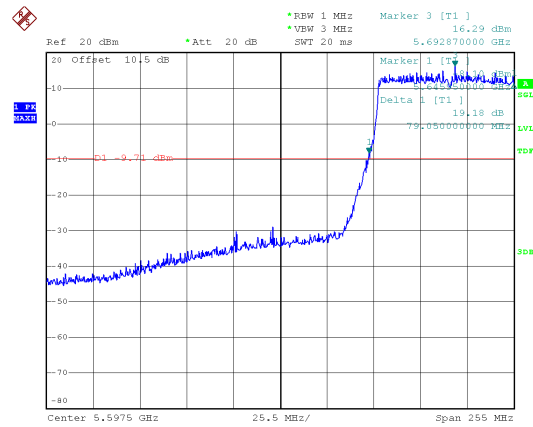




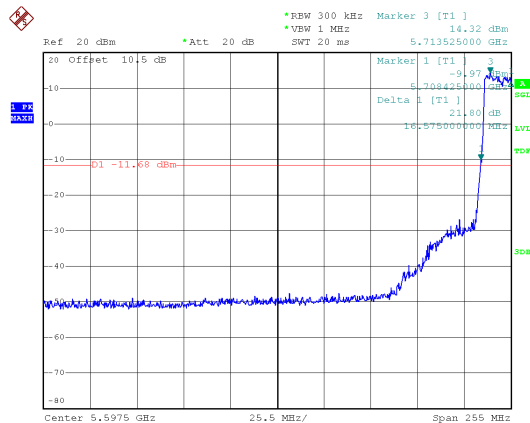
26dB Bandwidth, ANT A
Within 5470-5725MHz Band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



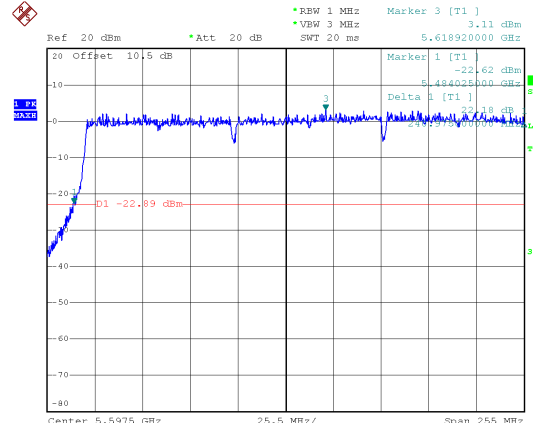
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



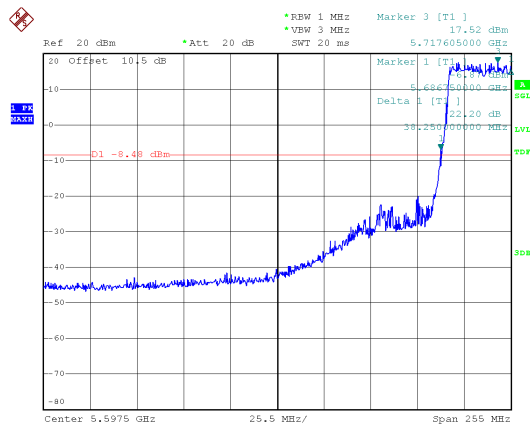
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Modulation Type: 802.11be EHT240 (61.3Mbps)
CH122



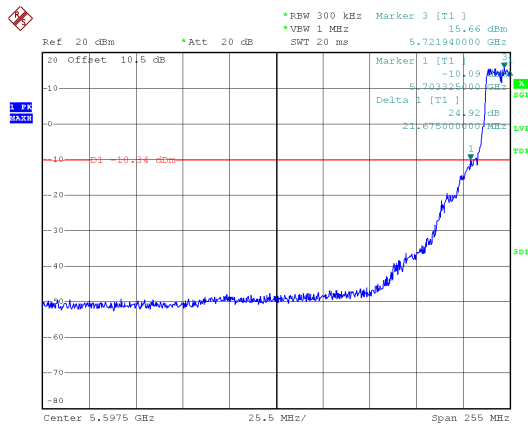
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



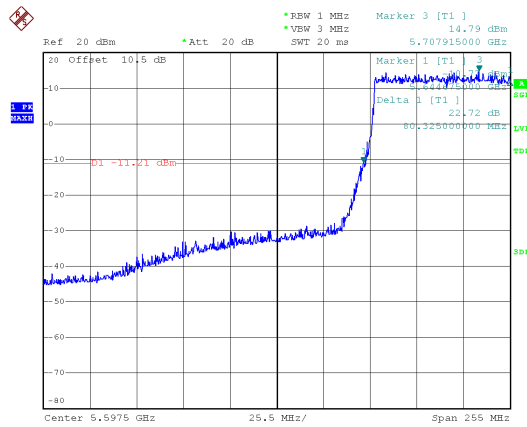


26dB Bandwidth, ANT B
Within 5470-5725MHz Band, Straddle Channel

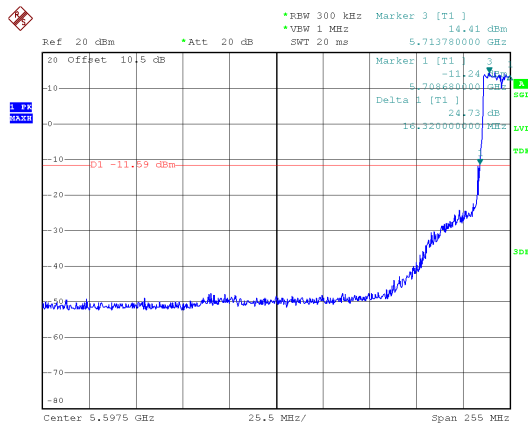
Modulation Type: 802.11a (6Mbps)
CH144



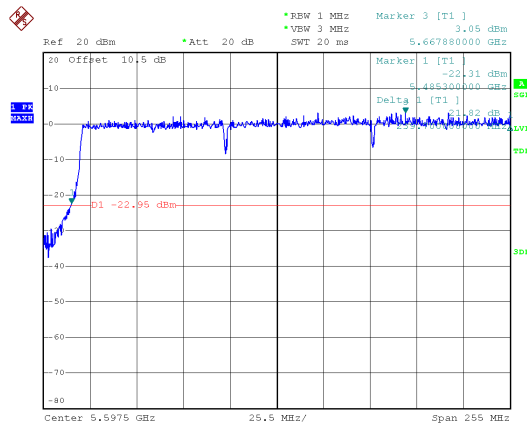
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



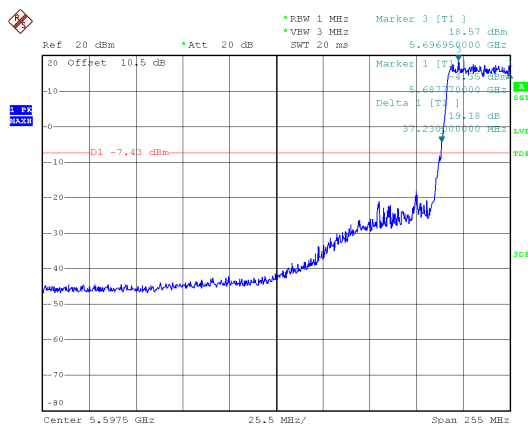
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Modulation Type: 802.11be EHT240 (61.3Mbps)
CH122

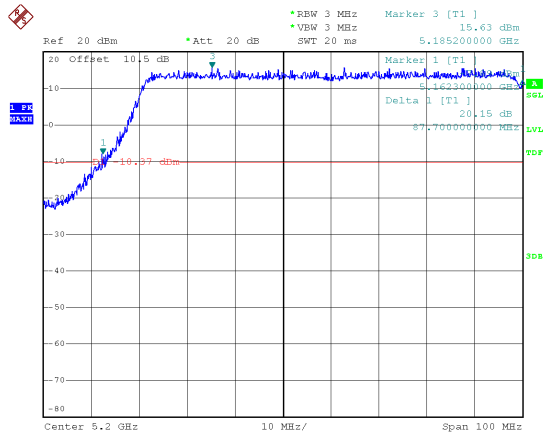


Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142

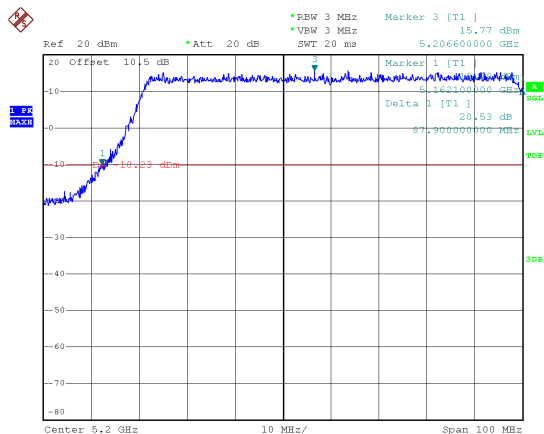




26dB Bandwidth, ANT A
Within 5150-5250MHz band, Straddle Channel
Modulation Type: 802.11be EHT160 (61.3Mbps)
CH50



26dB Bandwidth, ANT B
Within 5150-5250MHz band, Straddle Channel
Modulation Type: 802.11be EHT160 (61.3Mbps)
CH50



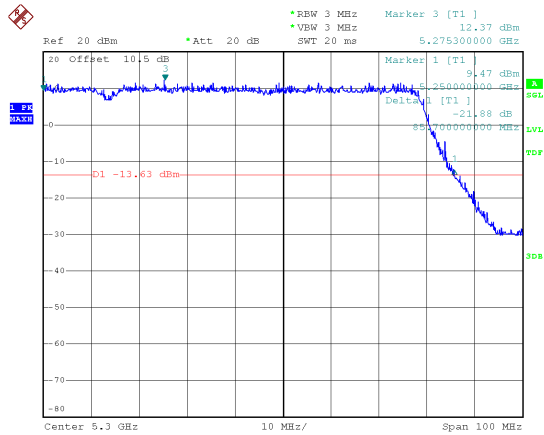


26dB Bandwidth, ANT A

Extends across 5250MHz band, Straddle Channel

Modulation Type: 802.11be EHT160 (61.3Mbps)

CH50

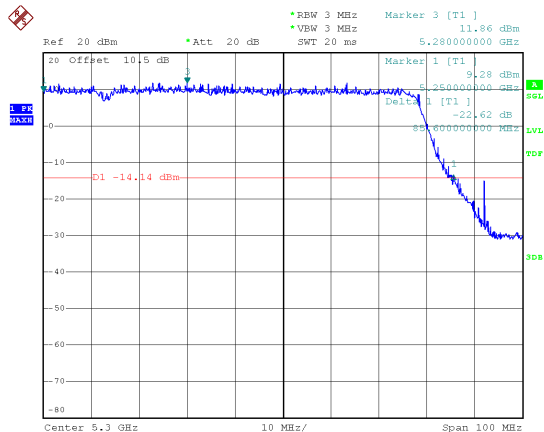


26dB Bandwidth, ANT B

Extends across 5250MHz band, Straddle Channel

Modulation Type: 802.11be EHT160 (61.3Mbps)

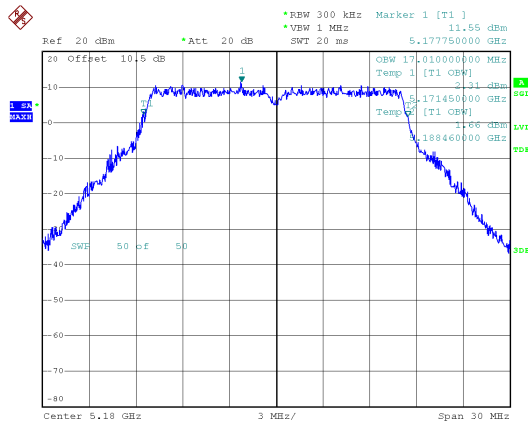
CH50



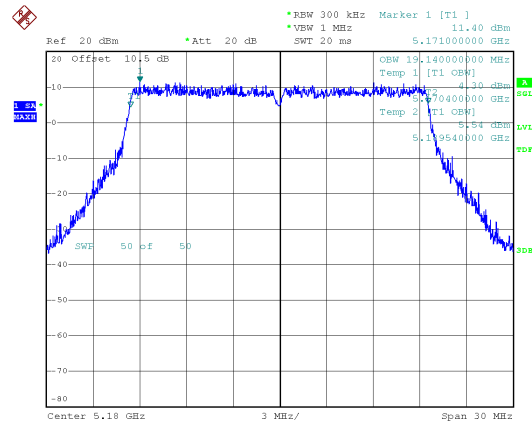


99% Bandwidth, ANT A

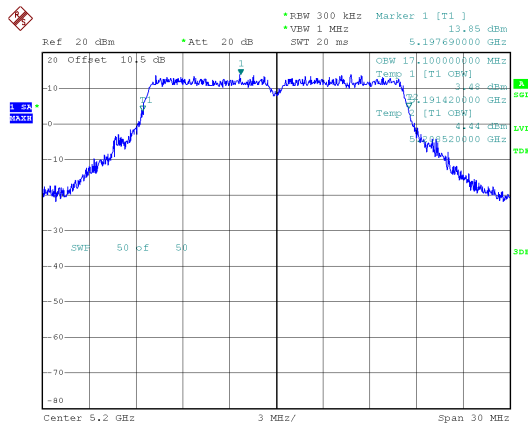
Modulation Type: 802.11a (6Mbps)
CH36



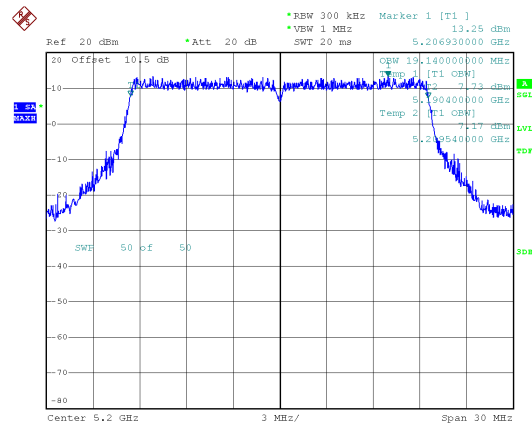
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH36



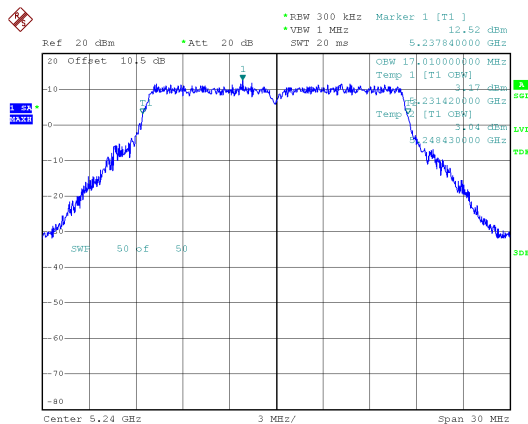
CH40



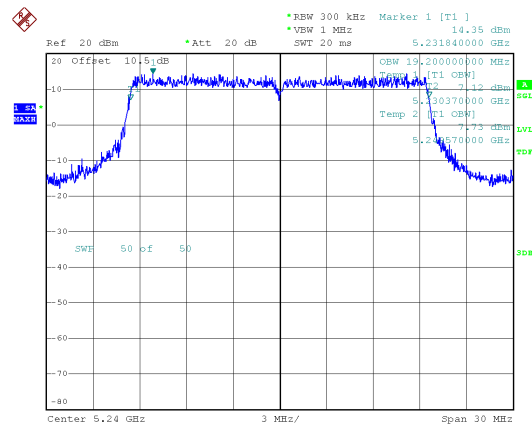
CH40



CH48



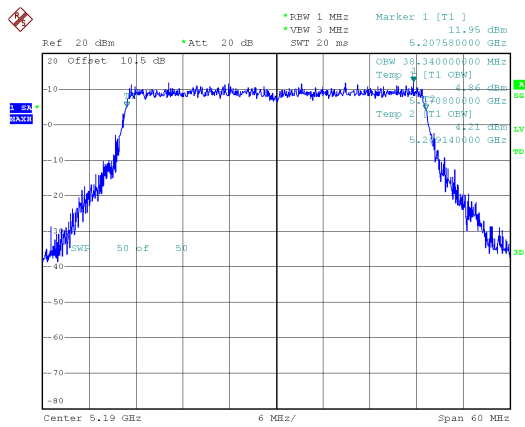
CH48



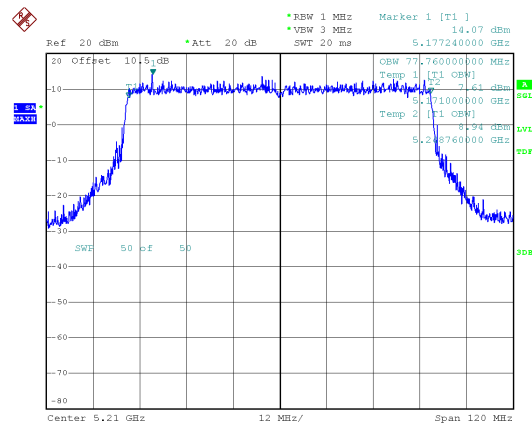


99% Bandwidth, ANT A

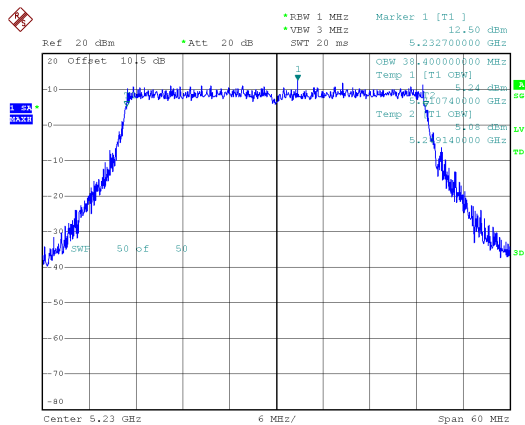
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH38



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH42

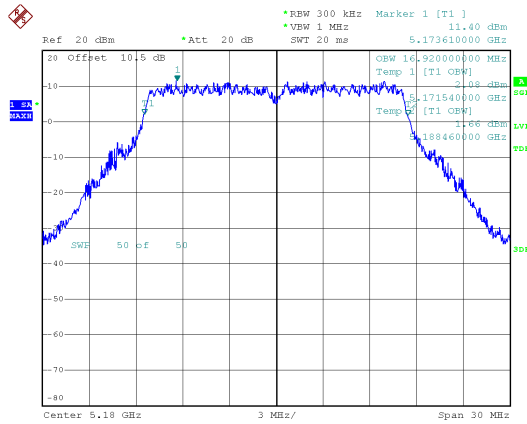


CH46

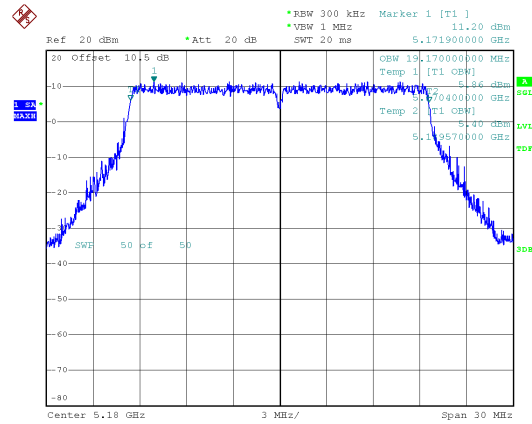




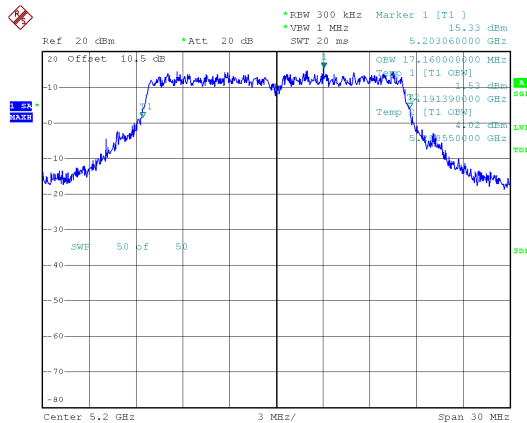
99% Bandwidth, ANT B
Modulation Type: 802.11a (6Mbps)
CH36



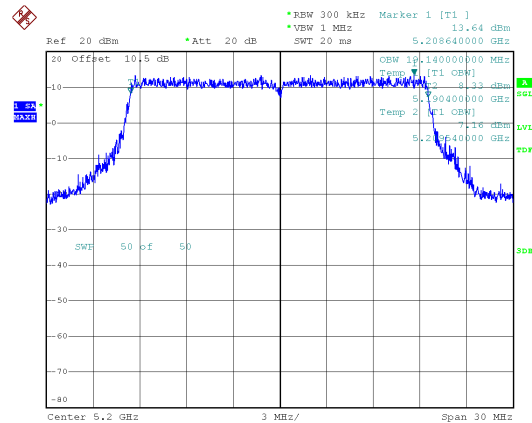
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH36



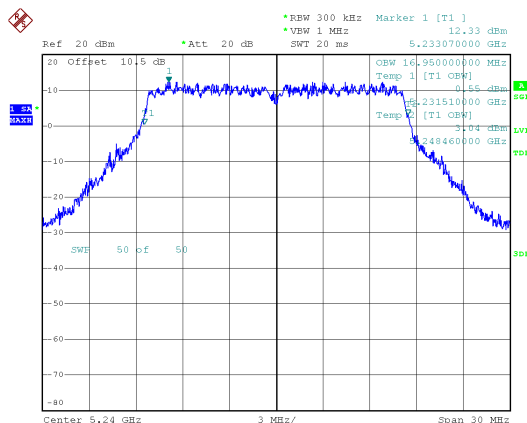
CH40



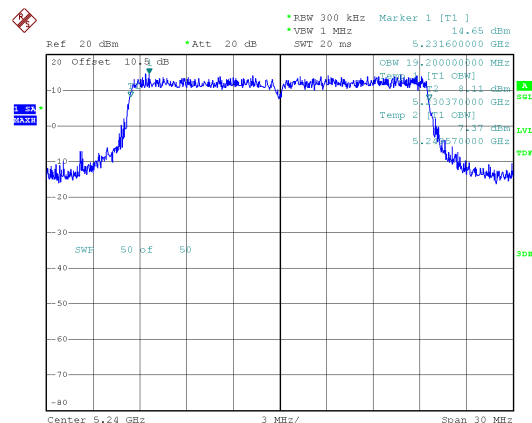
CH40

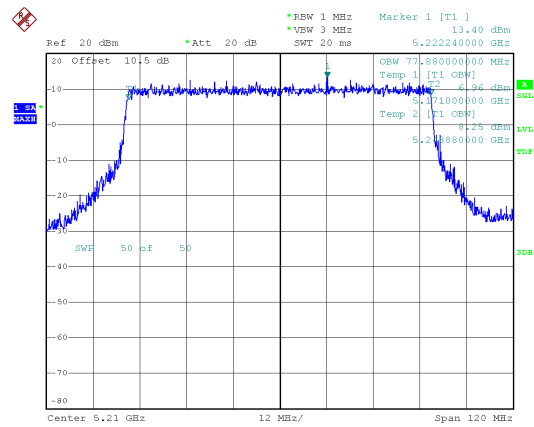


CH48



CH48



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH42

Ref 20 dBm Att 20 dB BW 3 MHz Span 60 MHz
 Marker 1 [T1] 13.03 dBm
 5.22860000 GHz

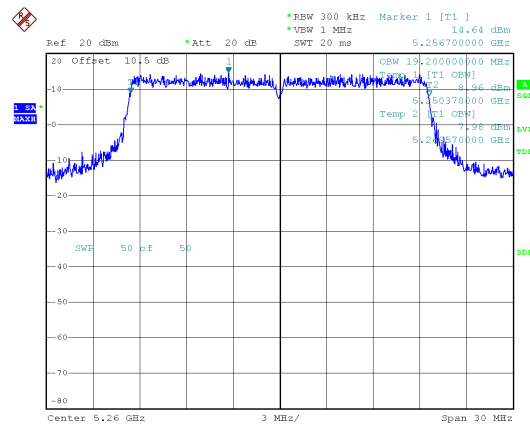
20 Offset 1015 dB
 -10
 -20
 -30
 -40
 -50
 -60
 -70
 -80

5.23 GHz 6 MHz/
 Span 60 MHz

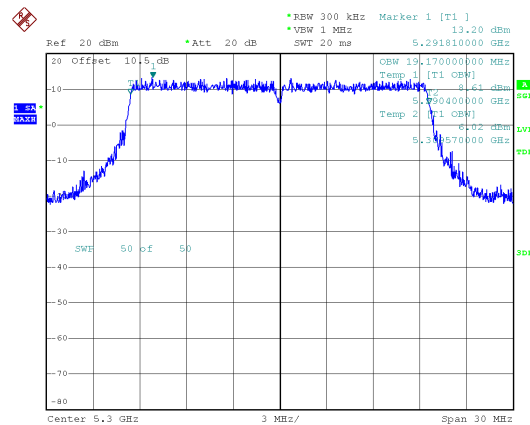
SWE 50 of 50
 CW 38.40000000 MHz
 Temp 1 [T1 CW] 4.35 dBm
 5.20740000 GHz
 Temp 2 [T1 CW] 5.13 dBm
 5.219140000 GHz



99% Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH52

[illegible]

*BW 300 kHz Marker 1 [T1]
 *VW 1 MHz 13.61 dBm
 Ref 20 dBm Att 20 dB SWT 20 ns 5.304740000 GHz
 20 Offset 1015 dB
 1
 CW 17.280000000 MHz
 Temp 1 [T1 CW] 0.93 dBm
 21.391300000 GHz
 Temp 2 [T1 CW] 1.55 dBm
 5.304580000 GHz
 1 SW MAX
 50 pF 50
 SWF
 Center 5.3 GHz 3 MHz/
 Span 30 MHz



*BW 300 kHz Marker 1 [T1]
 *VBW 1 MHz 10.47 dBm
 Ref 20 dBm Att 20 dB
 Span 30 MHz
 Center 5.32 GHz
 3 MHz

20 Offset 10.5 dB
 10
 -10
 0
 -10
 -20
 -30
 -40
 -50
 -60
 -70
 -80

SWR 50 pF 50

CW 17.04000000 MHz
 Temp 1 [T1 CW] 1.32 dBm
 5.311390000 GHz
 [T1 CW]
 1.00 dBm
 328430000 GHz

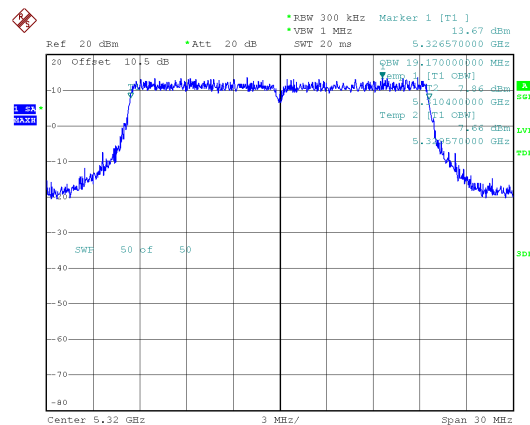
1 SW
 MAX

10.47 dBm
 1.0 GHz

5.311390000 GHz
 [T1 CW]

1.00 dBm
 328430000 GHz

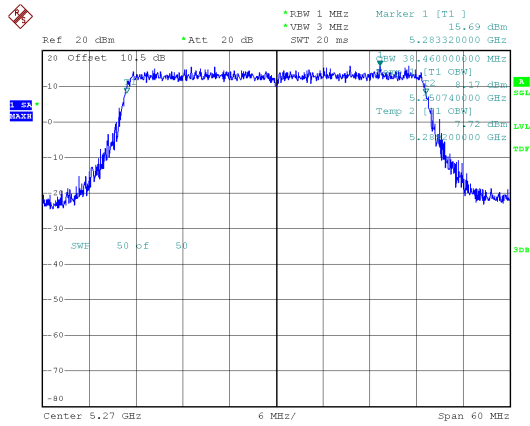
Center 5.32 GHz 3 MHz Span 30 MHz



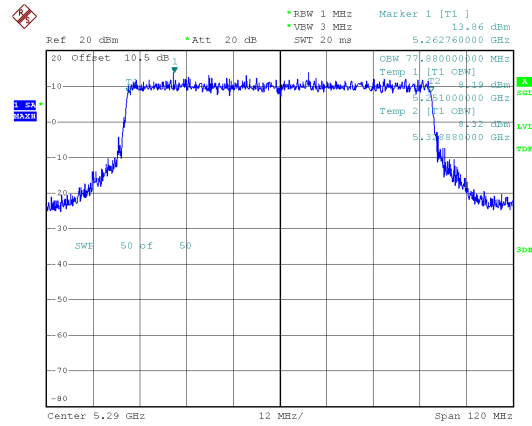


99% Bandwidth, ANT A

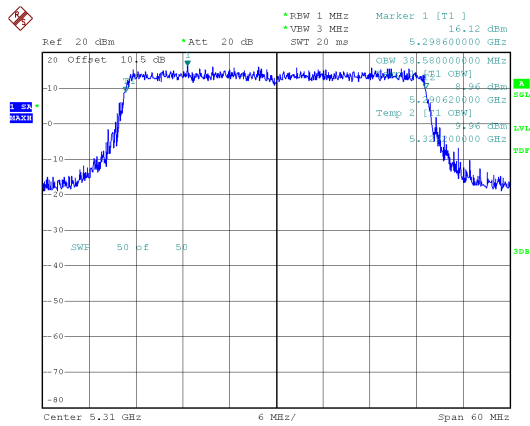
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH54



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH58

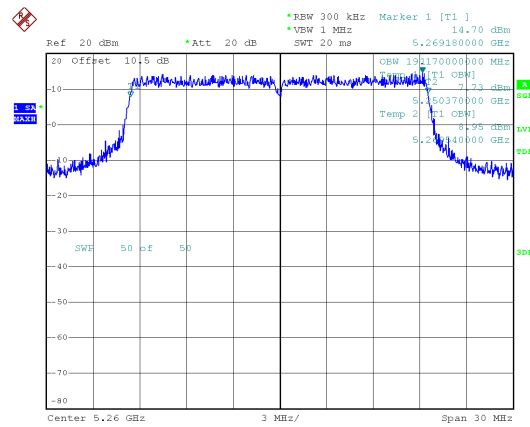


CH62





99% Bandwidth, ANT B
Modulation Type: 802.11a (6Mbps)
CH52

[illegible]

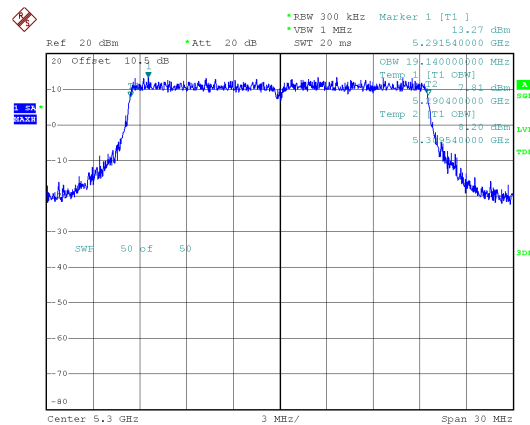
*RBW 300 kHz Marker 1 [T1] 14.02 dBm
 *VBW 1 MHz
 Ref 20 dBm Att 20 dB SWF 20 ns 5.306870000 GHz

20 Offset 1015 dB
 -10
 0
 -10
 -20
 -30
 -40
 -50
 -60
 -70
 -80

SWF 50 pF 50

CW 17.190000000 MHz
 Wave 1 [T1 CW] 1.03 dBm
 291360000 GHz
 [T1 CW]
 Temp 21.83 dBm
 5.306550000 GHz

Center 5.3 GHz 3 MHz/ Span 30 MHz



1 SW MAX

Ref 20 dBm Att 20 dB

BW 300 kHz VBW 1 MHz SWT 20 ns

Marker 1 [T1] 11.22 dBm 5.321830000 GHz

Offset 1015 dB

1

Temp 1 [T1 BW] 0.44 dBm

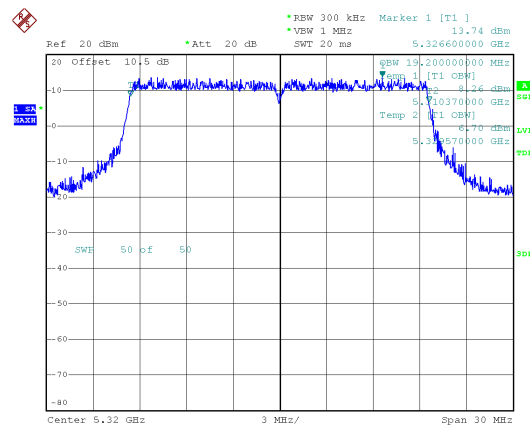
Temp 1 [T1 BW] 5.311510000 GHz

Temp 1 [T1 BW] 5.3113 dBm

Temp 1 [T1 BW] 5.328460000 GHz

SWR 50 pF 50

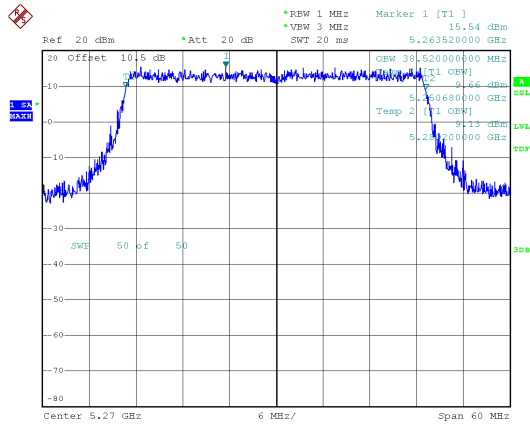
Center 5.32 GHz 3 MHz Span 30 MHz



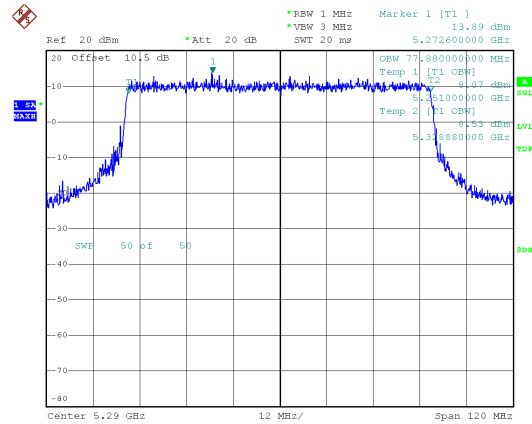


99% Bandwidth, ANT B

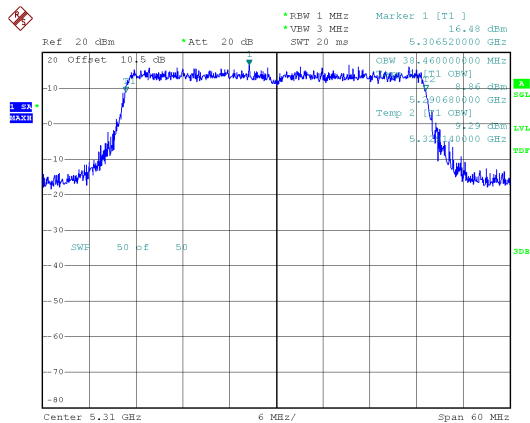
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH54



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH58

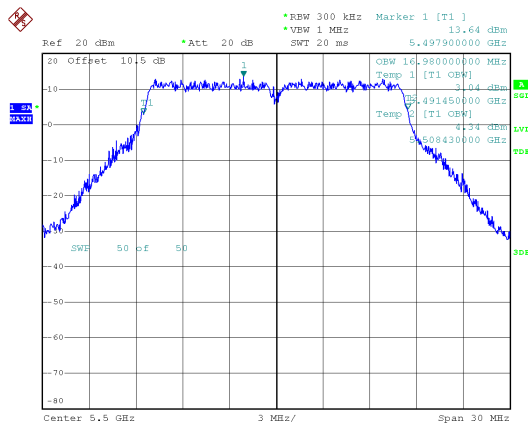


CH62

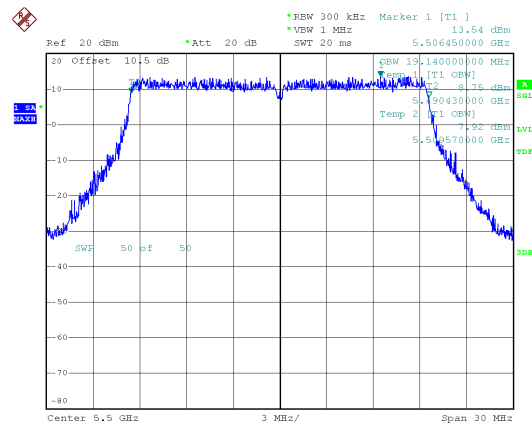




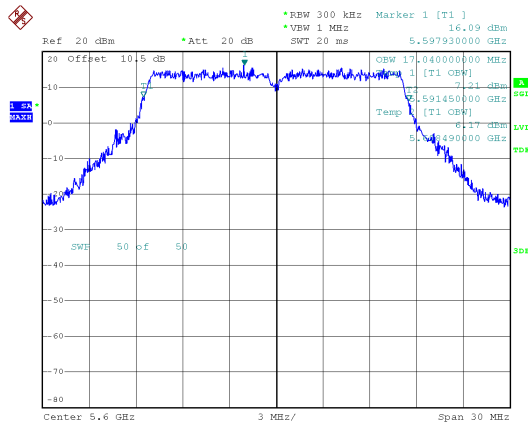
99% Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH100



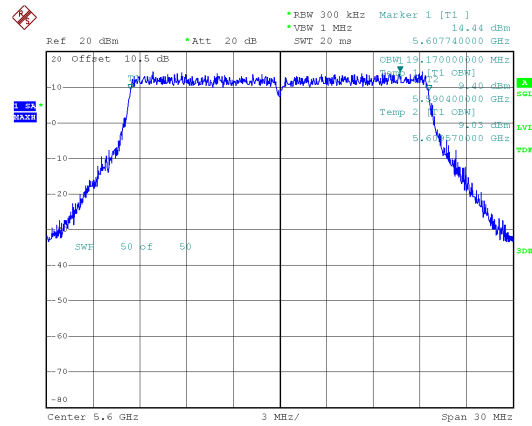
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH100



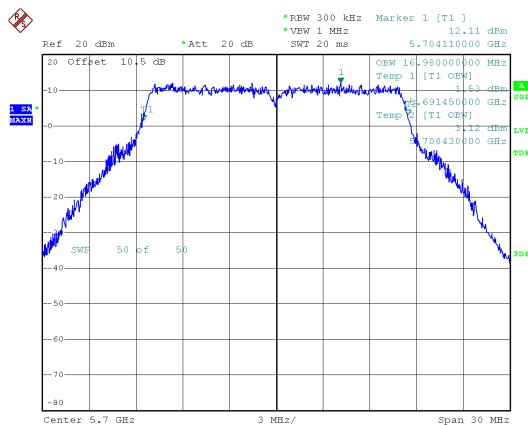
CH120



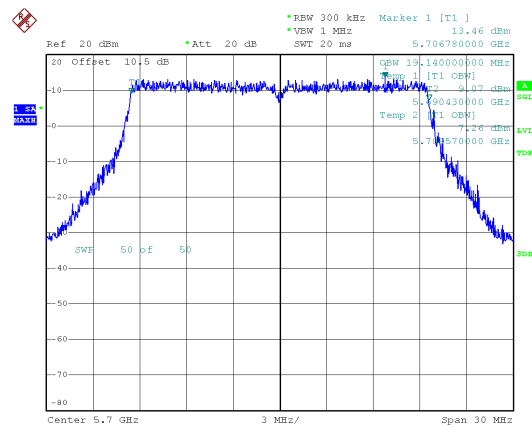
CH120



CH140



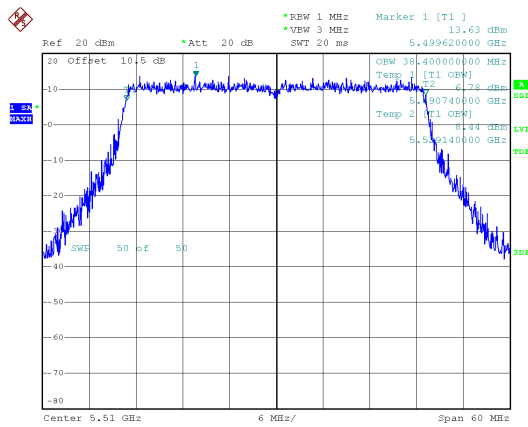
CH140



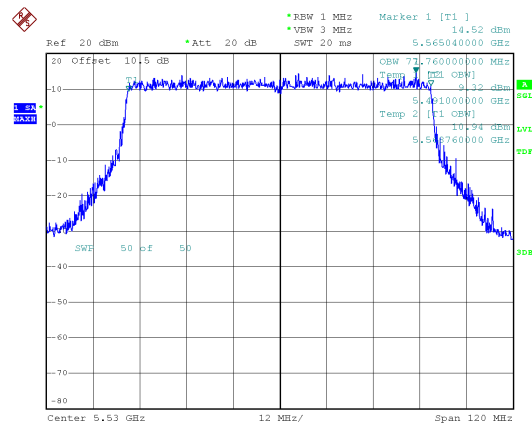


99% Bandwidth, ANT A

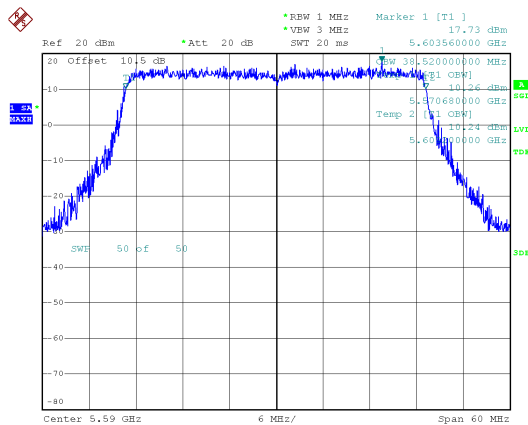
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH102



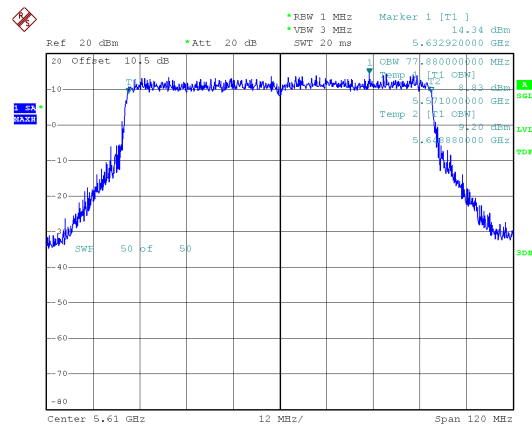
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH106



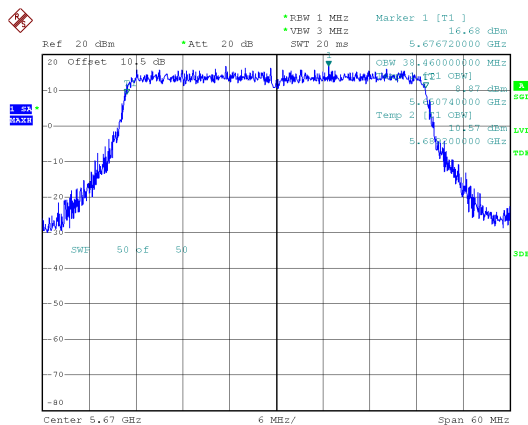
CH118

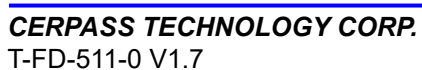


CH122



CH134

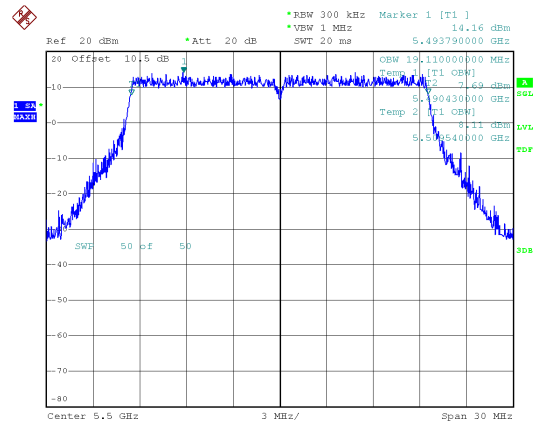




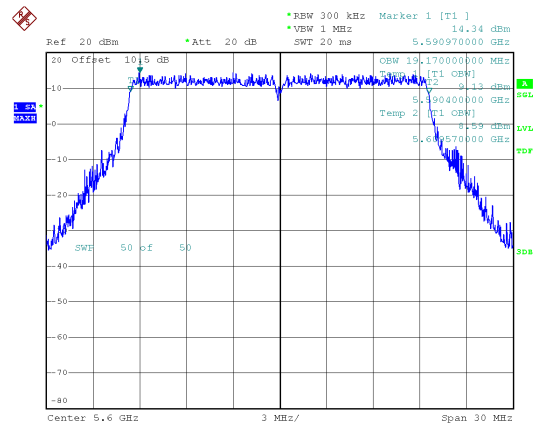


99% Bandwidth, ANT B

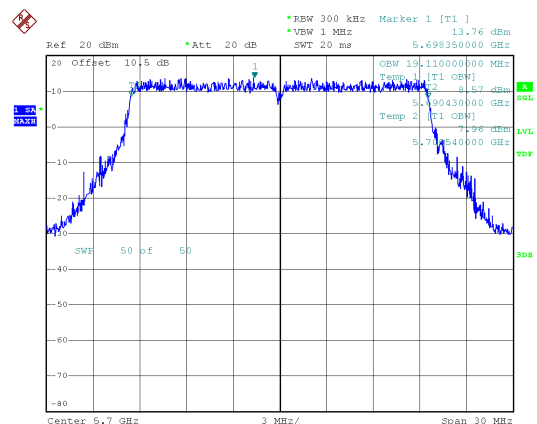
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH100



CH120



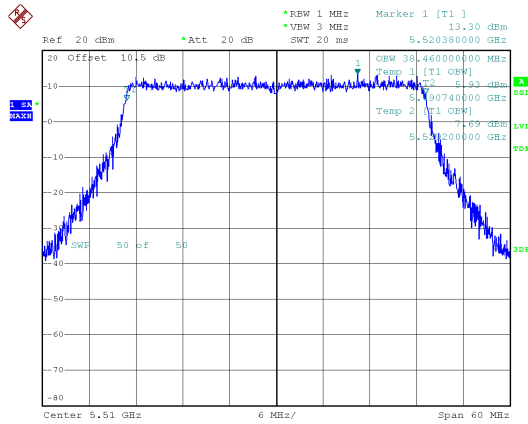
CH140



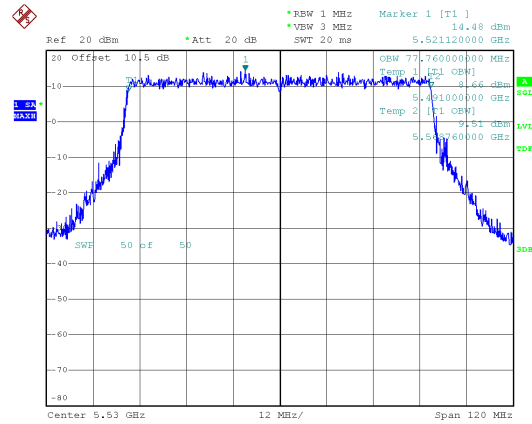


99% Bandwidth, ANT B

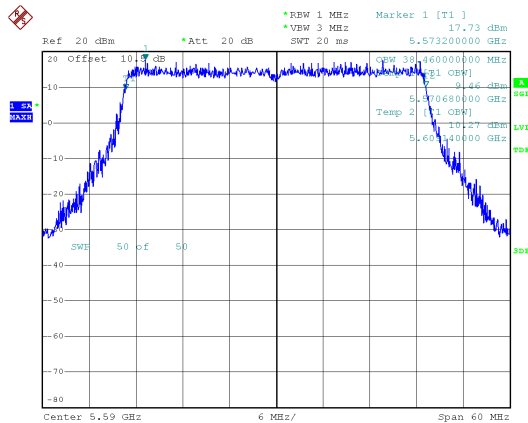
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH102



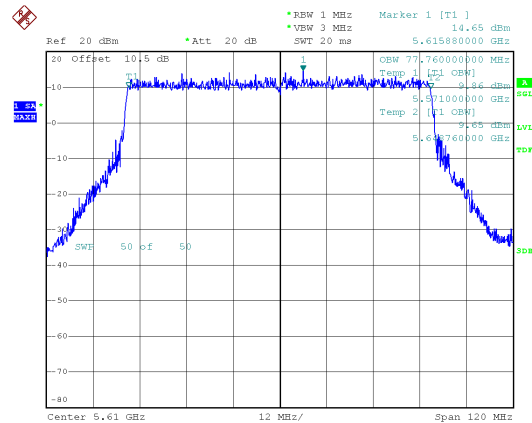
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH106



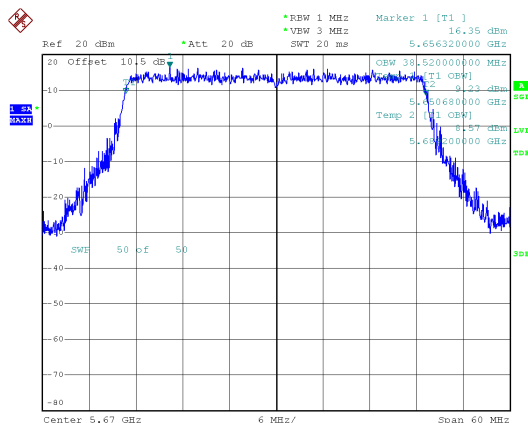
CH118

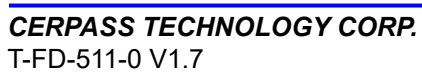


CH122



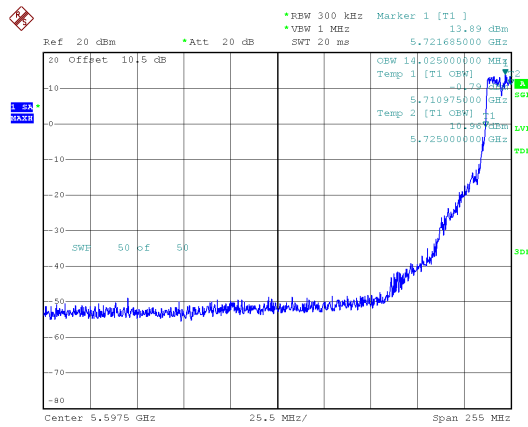
CH134



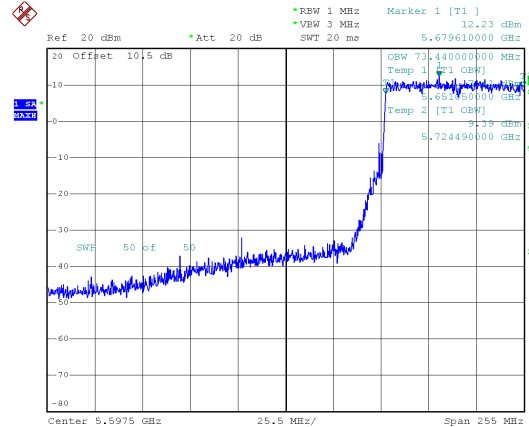




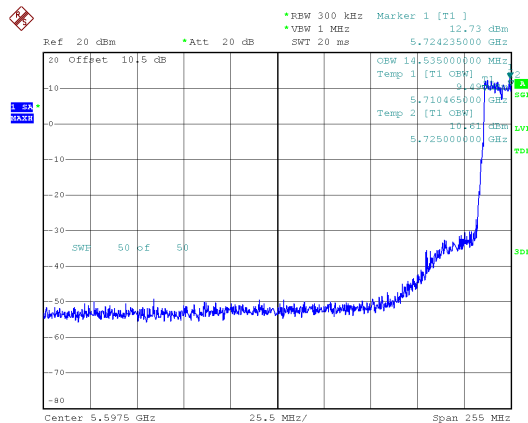
99% Occupied Bandwidth, ANT A
Within 5470-5725MHz Band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



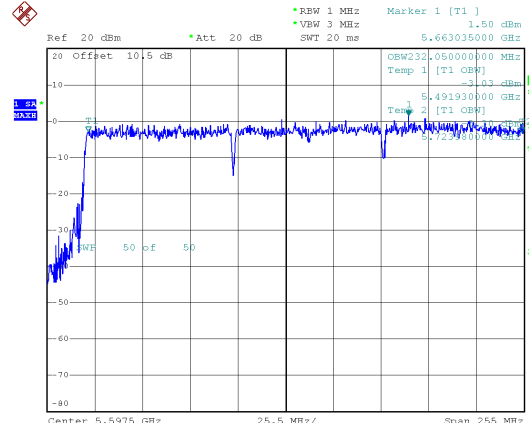
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



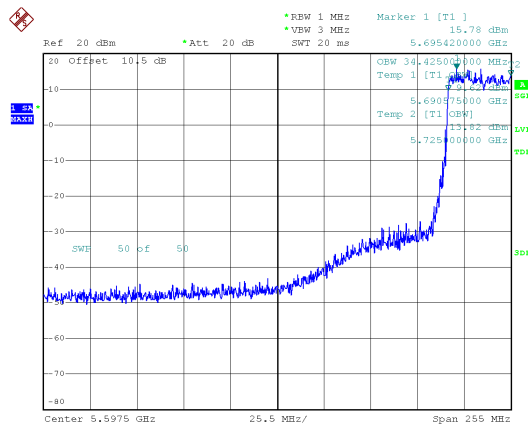
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Modulation Type: 802.11be EHT240 (61.3Mbps)
CH122



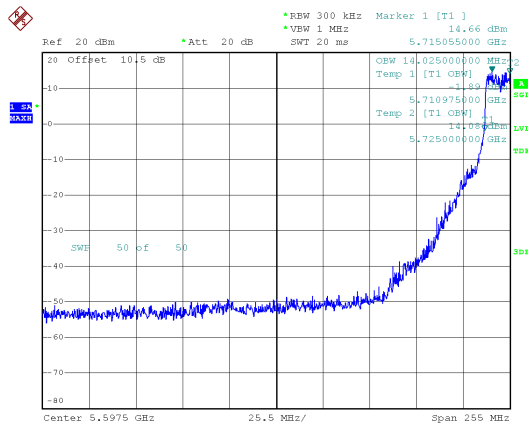
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



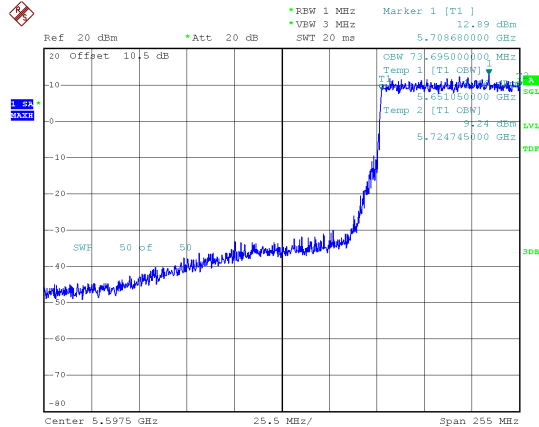


99% Occupied Bandwidth, ANT B
Within 5470-5725MHz Band, Straddle Channel

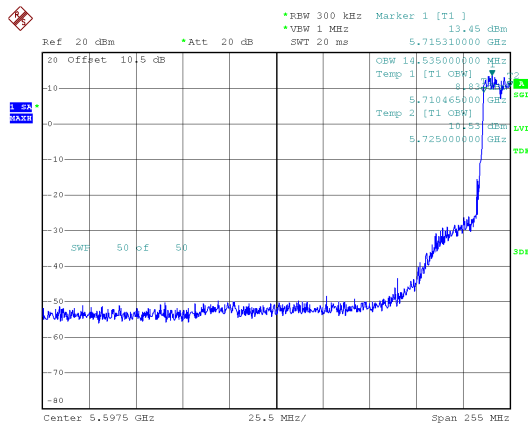
Modulation Type: 802.11a (6Mbps)
CH144



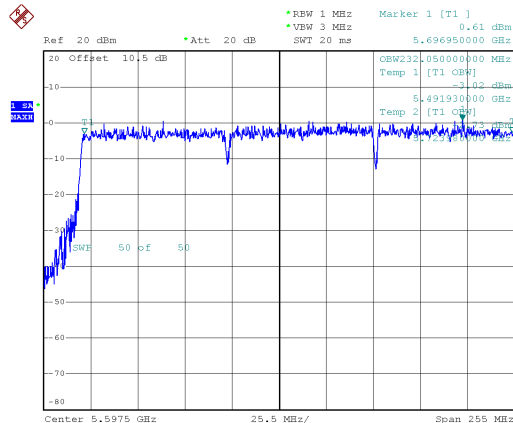
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



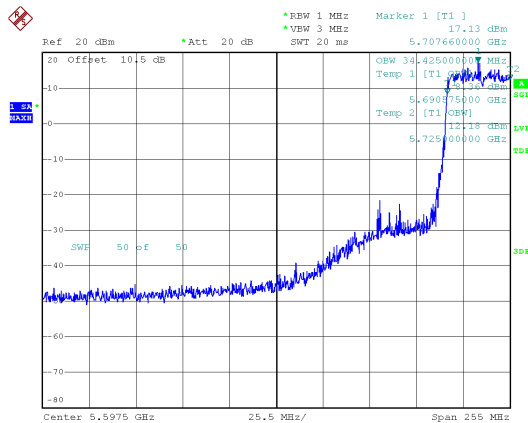
Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Modulation Type: 802.11be EHT240 (61.3Mbps)
CH122

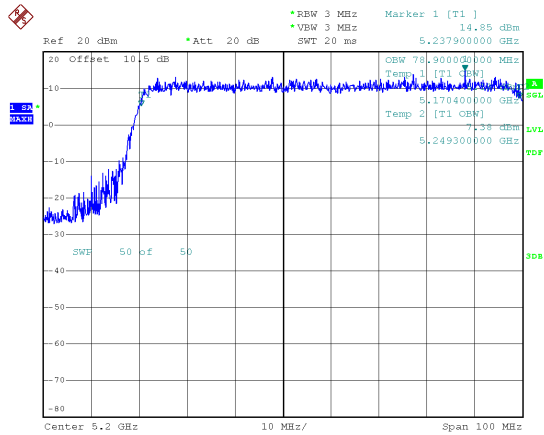


Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142

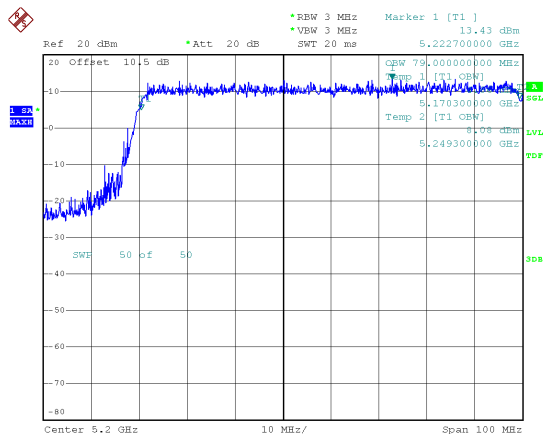


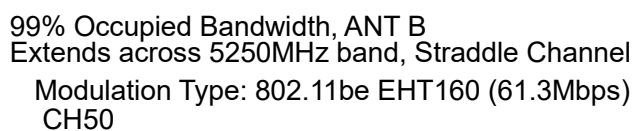


99% Occupied Bandwidth, ANT A
Within 5150-5250MHz band, Straddle Channel
Modulation Type: 802.11be EHT160 (61.3Mbps)
CH50



99% Occupied Bandwidth, ANT B
Within 5150-5250MHz band, Straddle Channel
Modulation Type: 802.11be EHT160 (61.3Mbps)
CH50







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

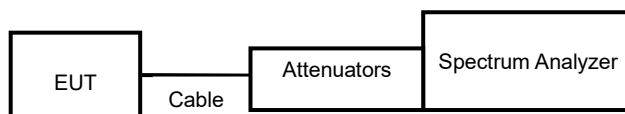
According to the methods defined in ANSI C63.10-2013 Section 12.3

The transmitter output is connected to a power meter.

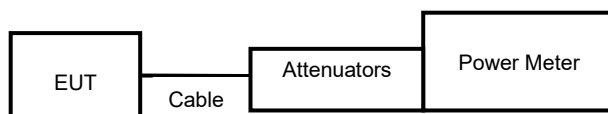
The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

10.3.Test Setup Layout

For Straddle channel



For Other test



**10.4.Test Result and Data**

Full RU

Non-Beamforming

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT B			
11a	6 Mbps	21	36	5180	19.86	19.51	22.70	186.158	30.00
11a	6 Mbps	24.5	40	5200	23.08	22.79	25.95	393.344	30.00
11a	6 Mbps	25	48	5240	23.10	22.93	26.03	400.510	30.00
11ax HE20	NSS1-MCS0	21	36	5180	19.92	19.49	22.72	187.095	30.00
11ax HE20	NSS1-MCS0	23.5	40	5200	22.26	21.94	25.11	324.582	30.00
11ax HE20	NSS1-MCS0	26	48	5240	24.03	23.97	27.01	502.389	30.00
11ax HE40	NSS1-MCS0	19	38	5190	17.61	17.25	20.44	110.765	30.00
11ax HE40	NSS1-MCS0	23.5	46	5230	21.95	21.98	24.98	314.436	30.00
11ax HE80	NSS1-MCS0	19	42	5210	17.34	17.23	20.30	107.045	30.00
11be EHT20	NSS1-MCS0	21	36	5180	19.94	19.53	22.75	188.371	30.00
11be EHT20	NSS1-MCS0	23.5	40	5200	22.18	22.06	25.13	325.890	30.00
11be EHT20	NSS1-MCS0	26	48	5240	24.00	24.07	27.05	506.459	30.00
11be EHT40	NSS1-MCS0	19	38	5190	17.88	17.44	20.68	116.839	30.00
11be EHT40	NSS1-MCS0	23.5	46	5230	22.18	22.09	25.15	327.004	30.00
11be EHT80	NSS1-MCS0	19	42	5210	17.48	17.11	20.31	107.380	30.00



Full RU

Non-Beamforming

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT B			
11a	6 Mbps	18.5	52	5260	16.98	16.95	19.98	99.433	24.00
11a	6 Mbps	18	60	5300	16.93	16.91	19.93	98.408	24.00
11a	6 Mbps	18	64	5320	17.10	17.41	20.27	106.367	24.00
11ax HE20	NSS1-MCS0	19	52	5260	17.55	17.61	20.59	114.562	24.00
11ax HE20	NSS1-MCS0	18.5	60	5300	17.43	17.56	20.51	112.351	24.00
11ax HE20	NSS1-MCS0	18.5	64	5320	17.61	17.88	20.76	119.053	24.00
11ax HE40	NSS1-MCS0	22.5	54	5270	20.77	21.11	23.95	248.521	24.00
11ax HE40	NSS1-MCS0	18	62	5310	16.99	17.24	20.13	102.970	24.00
11ax HE80	NSS1-MCS0	17.5	58	5290	16.03	16.37	19.21	83.438	24.00
11be EHT20	NSS1-MCS0	19	52	5260	17.62	17.72	20.68	116.966	24.00
11be EHT20	NSS1-MCS0	18.5	60	5300	17.40	17.78	20.60	114.933	24.00
11be EHT20	NSS1-MCS0	18.5	64	5320	17.76	17.93	20.86	121.790	24.00
11be EHT40	NSS1-MCS0	22.5	54	5270	20.81	21.13	23.98	250.222	24.00
11be EHT40	NSS1-MCS0	18	62	5310	17.21	17.59	20.41	110.013	24.00
11be EHT80	NSS1-MCS0	17.5	58	5290	16.13	16.29	19.22	83.580	24.00



Full RU

Non-Beamforming

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT B			
11a	6 Mbps	18	100	5500	16.36	16.42	19.40	87.104	24.00
11a	6 Mbps	17	120	5600	15.44	15.96	18.72	74.440	24.00
11a	6 Mbps	18	140	5700	16.51	16.40	19.47	88.423	24.00
11ax HE20	NSS1-MCS0	18.5	100	5500	16.73	17.11	19.93	98.502	24.00
11ax HE20	NSS1-MCS0	17.5	120	5600	16.92	16.61	19.78	95.018	24.00
11ax HE20	NSS1-MCS0	18.5	140	5700	17.02	17.23	20.14	103.195	24.00
11ax HE40	NSS1-MCS0	19.5	102	5510	17.91	17.84	20.89	122.615	24.00
11ax HE40	NSS1-MCS0	21	118	5590	19.93	20.02	22.99	198.863	24.00
11ax HE40	NSS1-MCS0	22	134	5670	20.55	20.50	23.54	225.703	24.00
11ax HE80	NSS1-MCS0	19	106	5530	17.92	17.63	20.79	119.887	24.00
11ax HE80	NSS1-MCS0	22.5	122	5610	20.98	20.86	23.93	247.213	24.00
11ax HE160	NSS1-MCS0	17	114	5570	16.25	16.04	19.16	82.349	24.00
11be EHT20	NSS1-MCS0	18.5	100	5500	16.88	17.16	20.03	100.752	24.00
11be EHT20	NSS1-MCS0	17.5	120	5600	16.96	16.69	19.84	96.325	24.00
11be EHT20	NSS1-MCS0	18.5	140	5700	17.09	17.31	20.21	104.995	24.00
11be EHT40	NSS1-MCS0	19.5	102	5510	18.20	18.06	21.14	130.043	24.00
11be EHT40	NSS1-MCS0	21	118	5590	20.22	20.19	23.22	209.668	24.00
11be EHT40	NSS1-MCS0	22	134	5670	20.79	20.81	23.81	240.454	24.00
11be EHT80	NSS1-MCS0	19	106	5530	17.91	17.71	20.82	120.822	24.00
11be EHT80	NSS1-MCS0	22.5	122	5610	21.03	20.92	23.99	250.360	24.00
11be EHT160	NSS1-MCS0	17	114	5570	16.46	16.32	19.40	87.114	24.00



Full RU

Non-Beamforming

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT B			
11a	6 Mbps	28	149	5745	26.22	26.32	29.28	847.342	30.00
11a	6 Mbps	28	157	5785	26.01	26.49	29.27	844.681	30.00
11a	6 Mbps	28	165	5825	26.25	26.30	29.29	848.276	30.00
11ax HE20	NSS1-MCS0	27.5	149	5745	25.47	25.87	28.68	738.738	30.00
11ax HE20	NSS1-MCS0	28	157	5785	25.77	26.44	29.13	818.127	30.00
11ax HE20	NSS1-MCS0	27	165	5825	24.96	25.05	28.02	633.218	30.00
11ax HE40	NSS1-MCS0	25	151	5755	23.61	24.31	26.98	499.389	30.00
11ax HE40	NSS1-MCS0	28	159	5795	26.71	27.10	29.92	981.675	30.00
11ax HE80	NSS1-MCS0	22	155	5775	20.50	21.32	23.94	247.721	30.00
11be EHT20	NSS1-MCS0	27.5	149	5745	25.54	25.82	28.69	740.041	30.00
11be EHT20	NSS1-MCS0	28	157	5785	25.87	26.39	29.15	821.879	30.00
11be EHT20	NSS1-MCS0	27	165	5825	25.02	25.04	28.04	636.841	30.00
11be EHT40	NSS1-MCS0	25	151	5755	23.77	24.44	27.13	516.203	30.00
11be EHT40	NSS1-MCS0	28	159	5795	26.77	27.10	29.95	988.197	30.00
11be EHT80	NSS1-MCS0	22	155	5775	20.61	21.29	23.97	249.666	30.00



Full RU

Non-Beamforming

FCC Maximum Conducted Output Power (Within 5470-5725MHz band) RF Output Power(dBm)										
Setting	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	ANT B					
18	11a	6M	5720	15.05	14.93	18.00	0.00	63.106	18.00	23.33
18.5	11ax HE20	NSS1-MCS0	5720	14.69	14.79	17.75	0.09	60.822	17.84	23.13
22	11ax HE40	NSS1-MCS0	5710	18.78	18.90	21.85	0.09	156.340	21.94	24.00
23.5	11ax HE80	NSS1-MCS0	5690	20.36	20.16	23.27	0.09	216.843	23.36	24.00
18.5	11be EHT20	NSS1-MCS0	5720	15.07	15.14	18.12	0.09	66.152	18.21	23.13
22	11be EHT40	NSS1-MCS0	5710	19.06	19.22	22.15	0.09	167.534	22.24	24.00
23.5	11be EHT80	NSS1-MCS0	5690	20.82	20.64	23.74	0.09	241.615	23.83	24.00
14	11be EHT240	NSS1-MCS0	5610	12.24	12.10	15.18	0.13	33.969	15.31	24.00

FCC Maximum Conducted Output Power (Extends across 5725MHz band) RF Output Power(dBm)										
Setting	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	ANT B					
18	11a	6M	5720	8.86	8.85	11.87	0.00	15.365	11.87	30.00
18.5	11ax HE20	NSS1-MCS0	5720	9.57	9.72	12.66	0.09	18.819	12.75	30.00
22	11ax HE40	NSS1-MCS0	5710	9.11	9.59	12.37	0.09	17.607	12.46	30.00
23.5	11ax HE80	NSS1-MCS0	5690	7.10	7.44	10.28	0.09	10.898	10.37	30.00
18.5	11be EHT20	NSS1-MCS0	5720	10.04	10.03	13.05	0.09	20.584	13.14	30.00
22	11be EHT40	NSS1-MCS0	5710	9.31	9.90	12.63	0.09	18.687	12.72	30.00
23.5	11be EHT80	NSS1-MCS0	5690	7.67	7.95	10.82	0.09	12.338	10.91	30.00
14	11be EHT240	NSS1-MCS0	5610	-5.33	-5.24	-2.27	0.13	0.610	-2.14	30.00



Full RU

Non-Beamforming

Channel	Setting	Modulation Type	Data Rate	Frequency (MHz)	Avg Power Output (dBm)		Total Power
					ANT A	ANT B	(dBm)
Meter power (for full power)							
Ch144	18	11a	6 Mbps	5720MHz	16.58	16.96	19.78
Ch144	18.5	11ax HE20	NSS1-MCS0	5720MHz	17.16	17.56	20.37
Ch142	22	11ax HE40	NSS1-MCS0	5710MHz	20.28	20.69	23.50
Ch138	23.5	11ax HE80	NSS1-MCS0	5690MHz	20.88	20.74	23.82
Ch144	18.5	11be EHT20	NSS1-MCS0	5720MHz	17.24	17.54	20.40
Ch142	22	11be EHT40	NSS1-MCS0	5710MHz	20.54	20.94	23.75
Ch138	23.5	11be EHT80	NSS1-MCS0	5690MHz	21.61	21.81	24.72
Ch122	14	11be EHT240	NSS1-MCS0	5610MHz	12.98	12.69	15.85

*For reference only



Full RU

Non-Beamforming

FCC Maximum Conducted Output Power (Within 5150-5250MHz band) RF Output Power(dBm)										
Setting	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	ANT B					
17	11ax HE160	NSS1-MCS0	5250	11.04	11.06	14.06	0.13	26.24	14.19	30.00
17	11be EHT160	NSS1-MCS0	5250	11.04	11.03	14.05	0.13	26.15	14.18	30.00

FCC Maximum Conducted Output Power (Extends across 5250MHz band) RF Output Power(dBm)										
Setting	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	ANT B					
17	11ax HE160	NSS1-MCS0	5250	11.46	11.60	14.54	0.13	29.31	14.67	24.00
17	11be EHT160	NSS1-MCS0	5250	11.48	11.66	14.58	0.13	29.59	14.71	24.00

Channel	Setting	Modulation Type	Data Rate	Frequency (MHz)	Avg Power Output (dBm)		Total Power
					ANT A	ANT B	(dBm)
Meter power (for full power)							
50	17	11ax HE160	NSS1-MCS0	5250	15.43	15.4	18.43
50	17	11be EHT160	NSS1-MCS0	5250	15.45	15.23	18.35

*For reference only

Full RU
Beamforming

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT B			
11ax HE20	NSS1-MCS0	17.5	36	5180	16.67	16.18	19.44	87.947	28.24
11ax HE20	NSS1-MCS0	20	40	5200	18.67	18.49	21.59	144.252	28.24
11ax HE20	NSS1-MCS0	22.5	48	5240	20.70	20.69	23.71	234.709	28.24
11ax HE40	NSS1-MCS0	15.5	38	5190	14.34	14.05	17.21	52.574	28.24
11ax HE40	NSS1-MCS0	20	46	5230	18.34	18.13	21.25	133.247	28.24
11ax HE80	NSS1-MCS0	15.5	42	5210	14.11	13.65	16.90	48.937	28.24
11be EHT20	NSS1-MCS0	17.5	36	5180	16.70	16.25	19.49	88.943	28.29
11be EHT20	NSS1-MCS0	20	40	5200	18.78	18.41	21.61	144.852	28.29
11be EHT20	NSS1-MCS0	22.5	48	5240	20.73	20.71	23.73	236.065	28.29
11be EHT40	NSS1-MCS0	15.5	38	5190	14.72	14.13	17.45	55.530	28.29
11be EHT40	NSS1-MCS0	20	46	5230	18.55	18.36	21.47	140.163	28.29
11be EHT80	NSS1-MCS0	15.5	42	5210	14.14	13.65	16.91	49.116	28.29

Full RU
Beamforming

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT B			
11ax HE20	NSS1-MCS0	15.5	52	5260	14.02	14.11	17.08	50.998	22.29
11ax HE20	NSS1-MCS0	15	60	5300	14.01	14.09	17.06	50.822	22.29
11ax HE20	NSS1-MCS0	15	64	5320	14.33	14.41	17.38	54.708	22.29
11ax HE40	NSS1-MCS0	19	54	5270	17.51	17.56	20.55	113.380	22.29
11ax HE40	NSS1-MCS0	14.5	62	5310	13.49	13.61	16.56	45.297	22.29
11ax HE80	NSS1-MCS0	14	58	5290	12.71	12.79	15.76	37.675	22.29
11be EHT20	NSS1-MCS0	15.5	52	5260	14.09	14.21	17.16	52.008	22.29
11be EHT20	NSS1-MCS0	15	60	5300	14.15	13.97	17.07	50.948	22.29
11be EHT20	NSS1-MCS0	15	64	5320	14.44	14.43	17.45	55.530	22.29
11be EHT40	NSS1-MCS0	19	54	5270	17.75	17.94	20.86	121.796	22.29
11be EHT40	NSS1-MCS0	14.5	62	5310	13.77	14.00	16.90	48.942	22.29
11be EHT80	NSS1-MCS0	14	58	5290	12.68	12.93	15.82	38.169	22.29

Full RU
Beamforming

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT B			
11ax HE20	NSS1-MCS0	14.5	100	5500	13.28	13.58	16.44	44.085	22.24
11ax HE20	NSS1-MCS0	14	120	5600	13.49	13.25	16.38	43.471	22.24
11ax HE20	NSS1-MCS0	15	140	5700	13.63	13.74	16.70	46.727	22.24
11ax HE40	NSS1-MCS0	16	102	5510	14.39	14.62	17.52	56.452	22.24
11ax HE40	NSS1-MCS0	17.5	118	5590	16.91	16.49	19.72	93.656	22.24
11ax HE40	NSS1-MCS0	18.5	134	5670	17.46	17.14	20.31	107.479	22.24
11ax HE80	NSS1-MCS0	15.5	106	5530	14.53	14.31	17.43	55.357	22.24
11ax HE80	NSS1-MCS0	19	122	5610	17.85	17.68	20.78	119.568	22.24
11ax HE160	NSS1-MCS0	13.5	114	5570	12.74	12.72	15.74	37.500	22.24
11be EHT20	NSS1-MCS0	15	100	5500	13.96	13.13	16.58	45.447	22.24
11be EHT20	NSS1-MCS0	14	120	5600	13.53	13.31	16.43	43.971	22.24
11be EHT20	NSS1-MCS0	15	140	5700	13.69	13.85	16.78	47.654	22.24
11be EHT40	NSS1-MCS0	16	102	5510	14.59	14.83	17.72	59.183	22.24
11be EHT40	NSS1-MCS0	17.5	118	5590	17.07	16.81	19.95	98.906	22.24
11be EHT40	NSS1-MCS0	18.5	134	5670	17.63	17.44	20.55	113.405	22.24
11be EHT80	NSS1-MCS0	15.5	106	5530	14.50	14.46	17.49	56.109	22.24
11be EHT80	NSS1-MCS0	19	122	5610	18.16	17.49	20.85	121.568	22.24
11be EHT160	NSS1-MCS0	13.5	114	5570	13.00	12.94	15.98	39.631	22.24