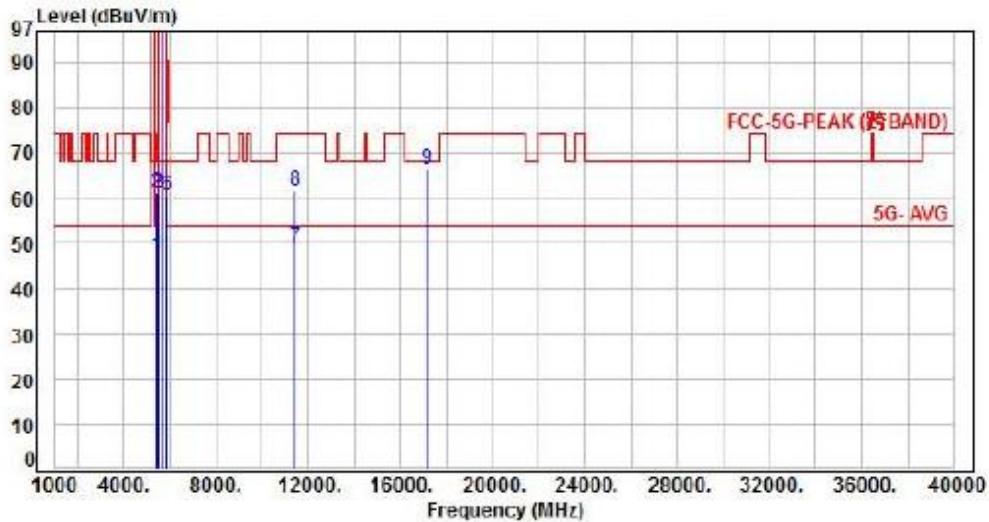




Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 3 Straddle Channel, CH144		:	

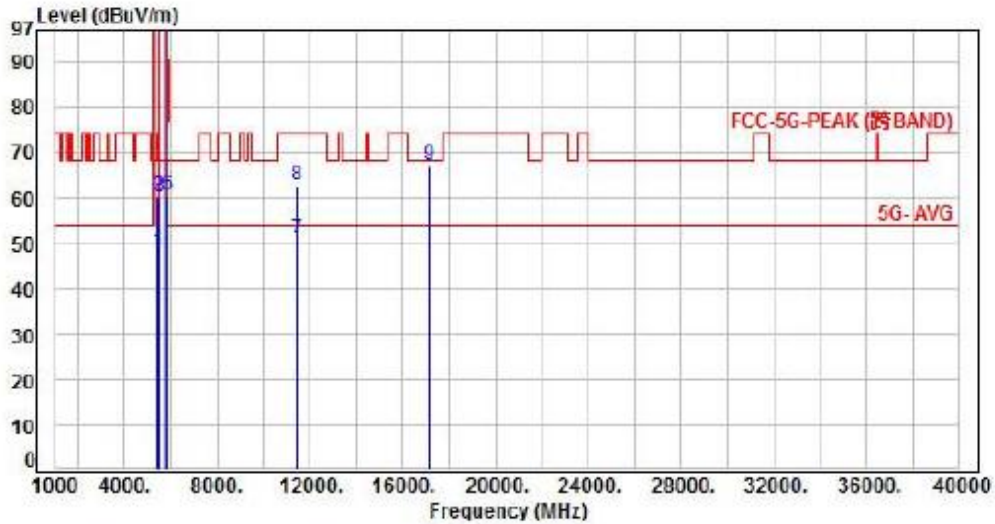


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	40.67	47.34	54.00	-6.66	Average	100	14	P
2	5460.00	6.67	54.57	61.24	74.00	-12.76	Peak	100	14	P
3	5470.00	6.68	53.99	60.67	68.20	-7.53	Peak	100	14	P
4	5720.00	6.61	97.38	103.99	200.00	-96.01	Average	100	14	P
5	5720.00	6.61	107.53	114.14	200.00	-85.86	Peak	100	14	P
6	5850.00	6.76	53.73	60.49	122.20	-61.71	Peak	100	14	P
7	11440.00	14.95	33.92	48.87	54.00	-5.13	Average	103	89	P
8	11440.00	14.95	46.78	61.73	74.00	-12.27	Peak	103	89	P
9	17160.00	20.50	45.96	66.46	68.20	-1.74	Peak	100	69	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 3 Straddle Channel, CH144		:	

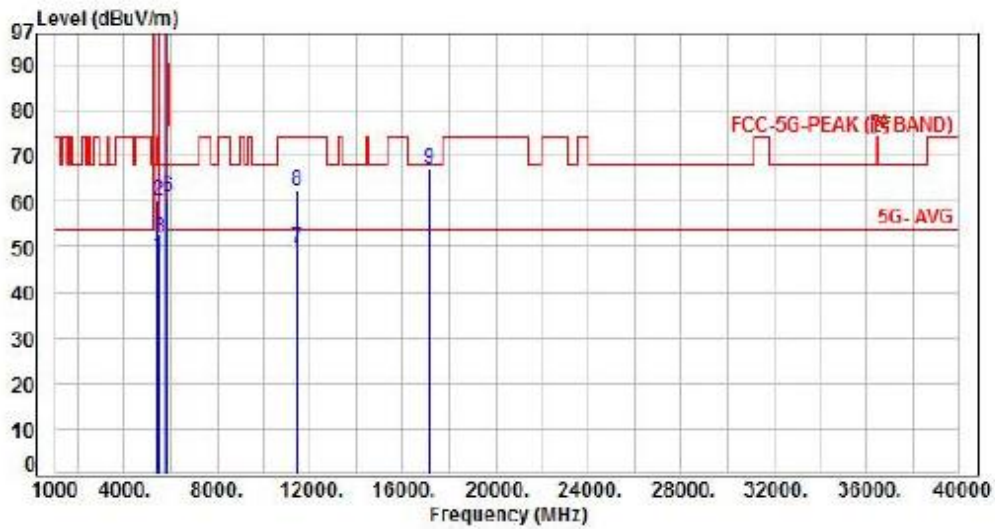


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.24	47.91	54.00	-6.09	Average	100	35	P
2	5460.00	6.67	53.95	60.62	74.00	-13.38	Peak	100	35	P
3	5470.00	6.68	53.57	60.25	68.20	-7.95	Peak	100	35	P
4	5720.00	6.61	93.12	99.73	200.00	-100.27	Average	100	35	P
5	5720.00	6.61	104.90	111.51	200.00	-88.49	Peak	100	35	P
6	5850.00	6.76	53.72	60.48	122.20	-61.72	Peak	100	35	P
7	11440.00	14.95	35.80	50.83	54.00	-3.17	Average	100	322	P
8	11440.00	14.95	47.92	62.87	74.00	-11.13	Peak	100	322	P
9	17160.00	20.50	46.57	67.07	68.20	-1.13	Peak	100	65	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 3 Straddle Channel, CH144		:

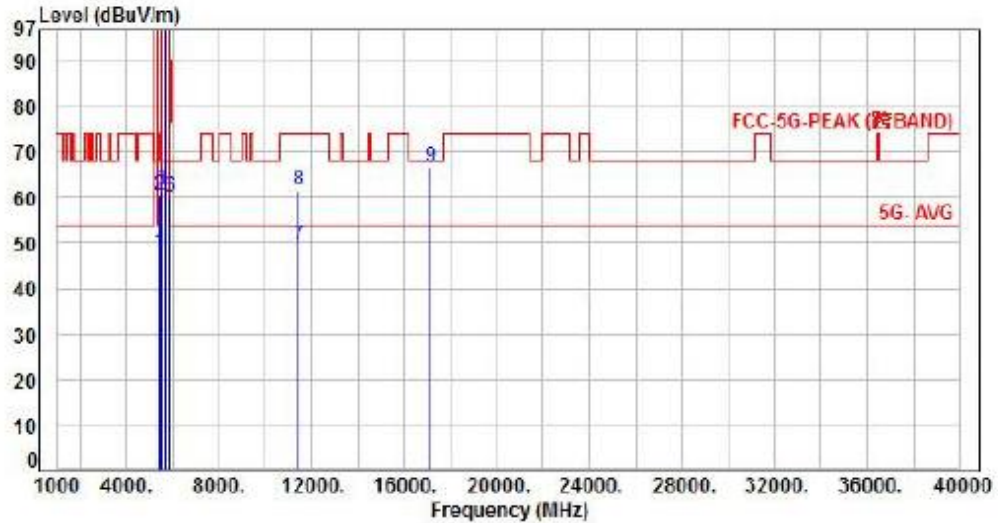


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.34	48.01	54.00	-5.99	Average	100	18	P
2	5460.00	6.67	53.55	60.22	74.00	-13.78	Peak	100	18	P
3	5470.00	6.68	45.50	52.18	68.20	-16.02	Peak	100	18	P
4	5720.00	6.61	98.91	105.52	200.00	-94.48	Average	100	18	P
5	5720.00	6.61	110.95	117.56	200.00	-82.44	Peak	100	18	P
6	5850.00	6.76	53.99	60.75	122.20	-61.45	Peak	100	18	P
7	11440.00	14.95	34.83	49.78	54.00	-4.22	Average	100	82	P
8	11440.00	14.95	47.47	62.42	74.00	-11.58	Peak	100	82	P
9	17160.00	20.50	46.53	67.03	68.20	-1.17	Peak	100	70	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 3 Straddle Channel, CH142		:

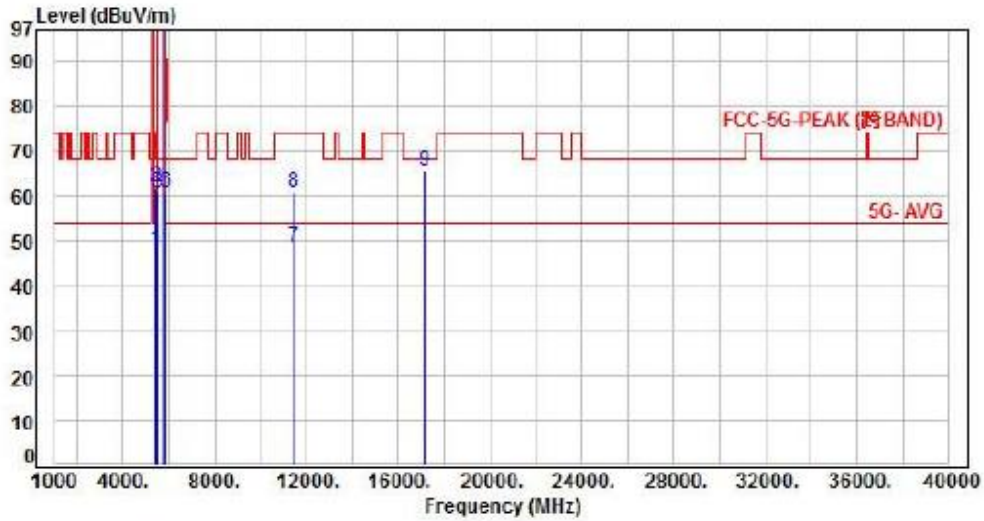


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.19	47.86	54.00	-6.14	Average	100	35	P
2	5460.00	6.67	53.96	60.63	74.00	-13.37	Peak	100	35	P
3	5470.00	6.68	54.02	61.50	68.20	-6.70	Peak	100	35	P
4	5710.00	6.58	91.19	97.77	200.00	-102.23	Average	100	35	P
5	5710.00	6.58	103.16	109.74	200.00	-90.26	Peak	100	35	P
6	5850.00	6.76	53.52	60.28	122.20	-61.92	Peak	100	35	P
7	11420.00	14.90	34.66	49.56	54.00	-4.44	Average	100	322	P
8	11420.00	14.90	46.68	61.58	74.00	-12.42	Peak	100	322	P
9	17130.00	20.30	46.63	66.93	68.20	-1.27	Peak	110	63	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 3 Straddle Channel, CH142		:

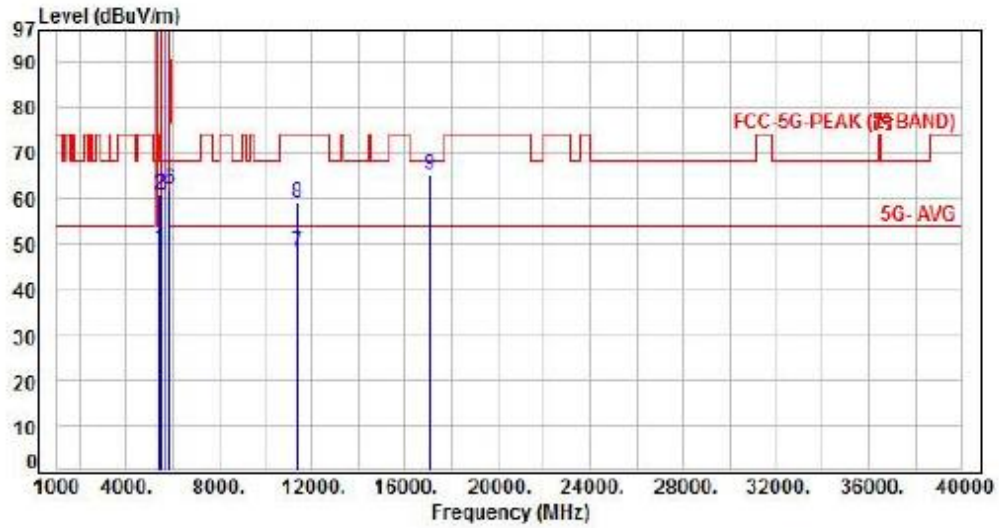


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.22	47.89	54.00	-6.11	Average	100	17	P
2	5460.00	6.67	55.13	61.80	74.00	-12.20	Peak	100	17	P
3	5470.00	6.68	54.08	60.76	68.20	-7.44	Peak	100	17	P
4	5710.00	6.58	96.02	102.60	200.00	-97.40	Average	100	17	P
5	5710.00	6.58	109.08	115.66	200.00	-84.34	Peak	100	17	P
6	5850.00	6.76	54.05	60.81	122.20	-61.39	Peak	100	17	P
7	11420.00	14.90	33.87	48.77	54.00	-5.23	Average	100	82	P
8	11420.00	14.90	45.08	60.98	74.00	-13.02	Peak	100	82	P
9	17130.00	20.30	45.47	65.77	68.20	-2.43	Peak	100	69	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 7, Band 3 Straddle Channel, CH138		:

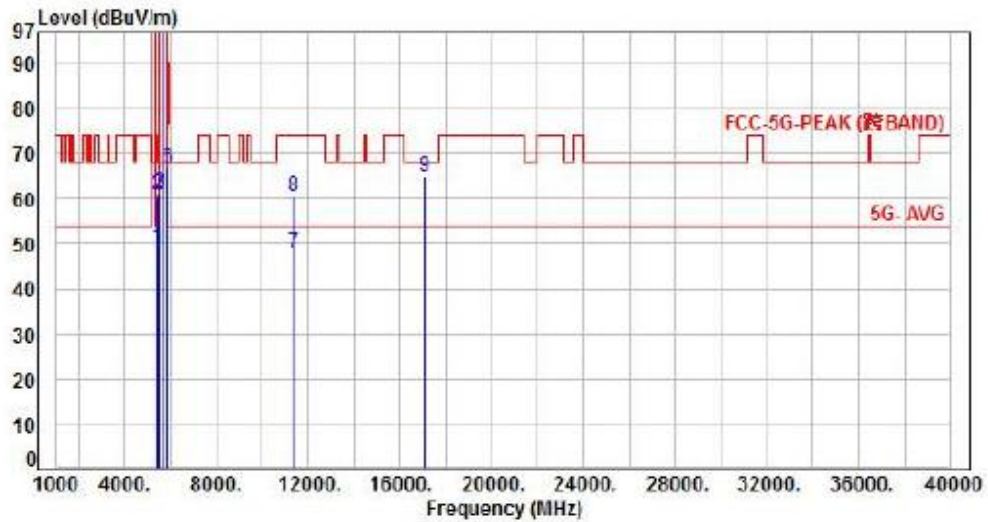


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	42.38	49.05	54.00	-4.95	Average	100	35	P
2	5460.00	6.67	54.11	60.78	74.00	-13.22	Peak	100	35	P
3	5470.00	6.68	54.24	60.92	68.20	-7.28	Peak	100	35	P
4	5690.00	6.55	88.95	95.50	200.00	-104.50	Average	100	35	P
5	5690.00	6.55	99.76	106.31	200.00	-93.69	Peak	100	35	P
6	5850.00	6.76	55.07	61.83	122.20	-60.37	Peak	100	35	P
7	11380.00	14.79	33.56	48.35	54.00	-5.65	Average	100	317	P
8	11380.00	14.79	44.10	58.89	74.00	-15.11	Peak	100	317	P
9	17070.00	20.07	45.37	65.44	68.20	-2.76	Peak	100	68	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 7, Band 3 Straddle Channel, CH138		:

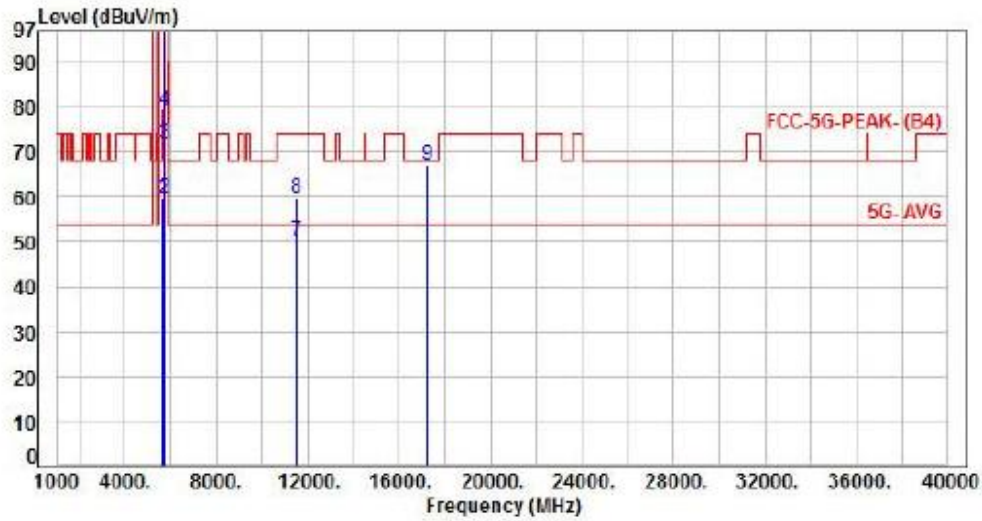


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	42.52	49.19	54.00	-4.81	Average	100	19	P
2	5460.00	6.67	54.09	60.76	74.00	-13.24	Peak	100	19	P
3	5470.00	6.68	54.64	61.32	68.20	-6.88	Peak	100	19	P
4	5690.00	6.55	95.20	101.75	200.00	-98.25	Average	100	19	P
5	5690.00	6.55	106.08	112.63	200.00	-87.37	Peak	100	19	P
6	5850.00	6.76	59.99	66.75	122.20	-55.45	Peak	100	19	P
7	11380.00	14.79	33.23	48.02	54.00	-5.98	Average	100	91	P
8	11380.00	14.79	45.81	60.60	74.00	-13.40	Peak	100	91	P
9	17070.00	20.07	44.87	64.94	68.20	-3.26	Peak	100	76	P

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



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

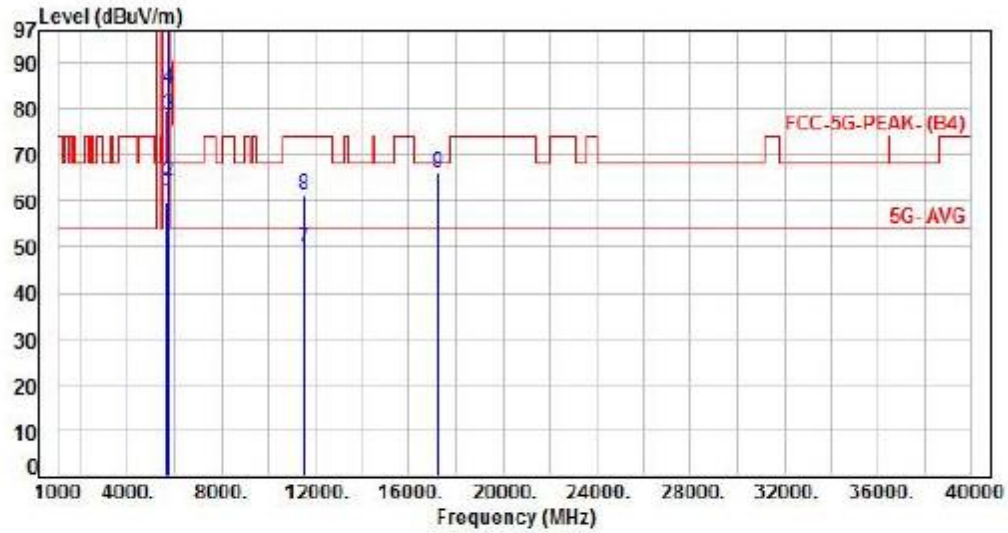


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.32	59.84	68.20	-8.36	Peak	100	35	P
2	5700.00	6.56	53.15	59.71	105.20	-45.49	Peak	100	35	P
3	5720.00	6.61	65.44	72.05	110.80	-38.75	Peak	100	35	P
4	5725.00	6.63	72.54	79.17	122.20	-43.03	Peak	100	35	P
5	5745.00	6.68	91.29	97.97	200.00	-102.03	Average	100	35	P
6	5745.00	6.68	101.65	108.33	200.00	-91.67	Peak	100	35	P
7	11490.00	15.08	34.97	50.05	54.00	-3.95	Average	100	321	P
8	11490.00	15.08	44.54	59.62	74.00	-14.38	Peak	100	321	P
9	17235.00	20.94	46.01	66.95	68.20	-1.25	Peak	100	58	P

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



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



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.38	59.90	68.20	-8.30	Peak	100	358	P
2	5700.00	6.56	57.50	64.06	105.20	-41.14	Peak	100	358	P
3	5720.00	6.61	72.11	78.72	110.80	-32.08	Peak	100	358	P
4	5725.00	6.63	77.95	84.58	122.20	-37.62	Peak	100	358	P
5	5745.00	6.68	97.46	104.14	200.00	-95.86	Average	100	358	P
6	5745.00	6.68	107.28	113.96	200.00	-86.04	Peak	100	358	P
7	11490.00	15.08	34.84	49.92	54.00	-4.08	Average	100	90	P
8	11490.00	15.08	46.14	61.22	74.00	-12.78	Peak	100	90	P
9	17235.00	20.94	45.14	66.08	68.20	-2.12	Peak	100	90	P

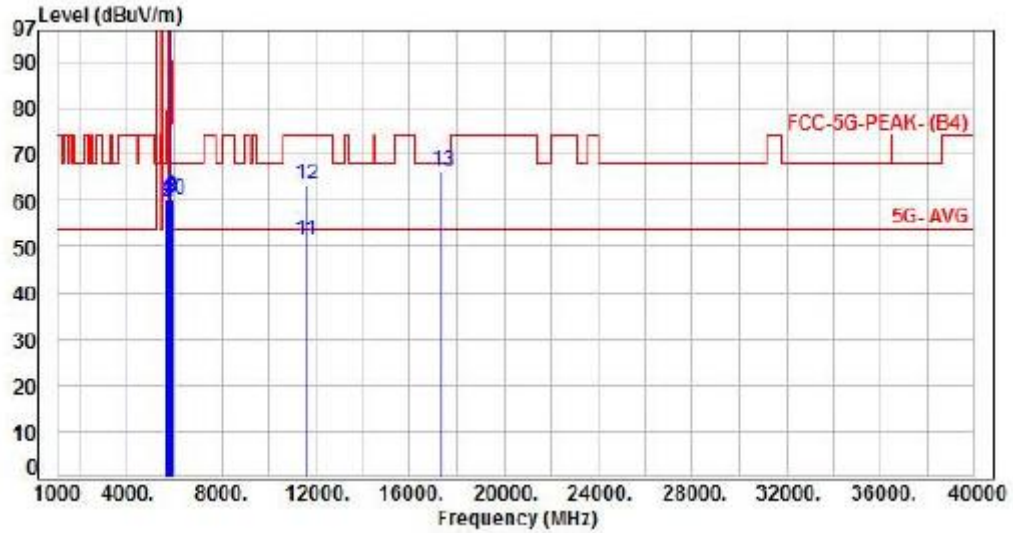
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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

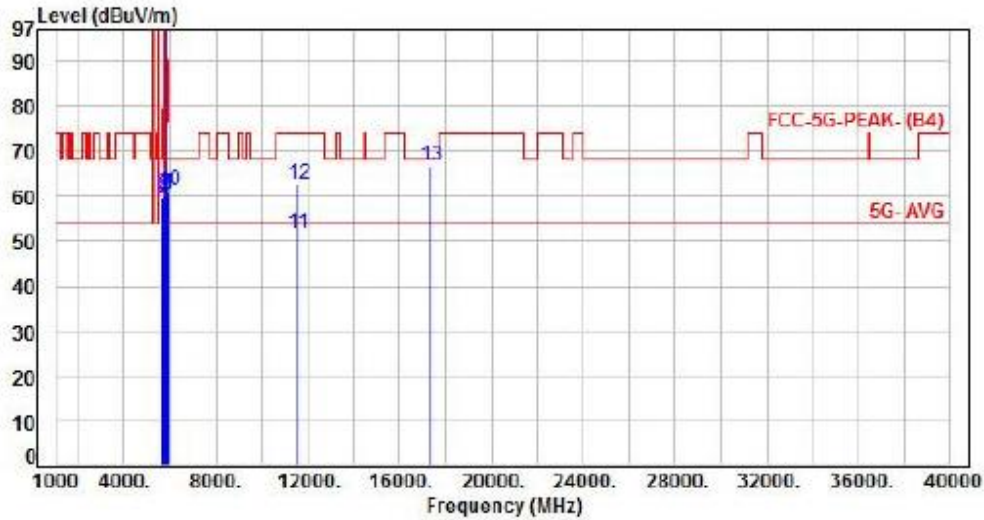


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.45	59.97	68.20	-8.23	Peak	100	39	P
2	5700.00	6.56	53.19	59.75	105.20	-45.45	Peak	100	39	P
3	5720.00	6.61	53.21	59.82	110.80	-50.98	Peak	100	39	P
4	5725.00	6.63	53.58	60.21	122.20	-61.99	Peak	100	39	P
5	5785.00	6.64	92.36	99.00	200.00	-101.00	Average	100	39	P
6	5785.00	6.64	102.93	109.57	200.00	-90.43	Peak	100	39	P
7	5850.00	6.76	53.27	60.03	122.20	-62.17	Peak	100	39	P
8	5855.00	6.78	53.59	60.37	110.80	-50.43	Peak	100	39	P
9	5875.00	6.83	54.02	60.85	105.20	-44.35	Peak	100	39	P
10	5925.00	6.97	53.28	60.25	68.20	-7.95	Peak	100	39	P
11	11570.00	15.32	35.98	51.30	54.00	-2.70	Average	100	319	P
12	11570.00	15.32	48.23	63.55	74.00	-10.45	Peak	100	319	P
13	17355.00	21.54	44.80	66.34	68.20	-1.86	Peak	100	113	P

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



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

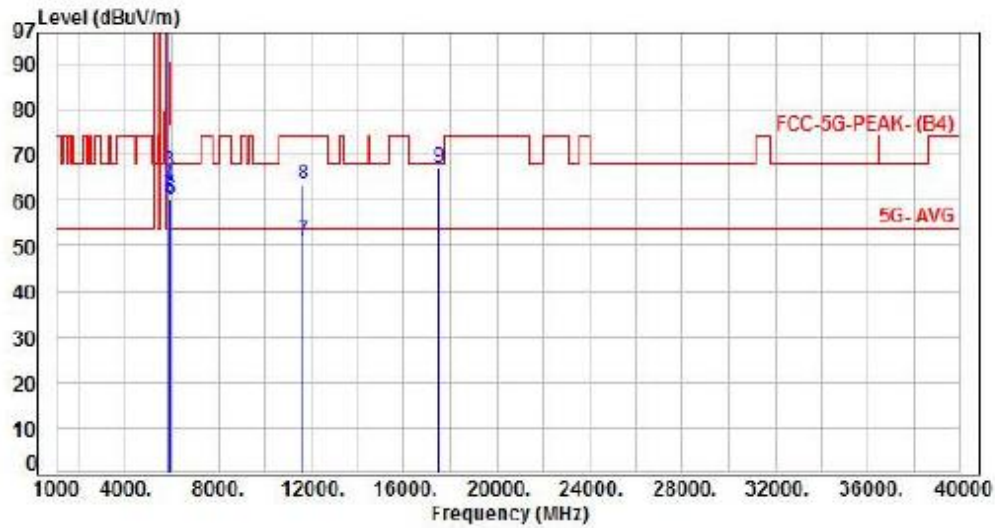


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.33	59.85	68.20	-8.35	Peak	100	354	P
2	5700.00	6.56	52.87	59.43	105.20	-45.77	Peak	100	354	P
3	5720.00	6.61	53.37	59.98	110.80	-50.82	Peak	100	354	P
4	5725.00	6.63	53.08	59.71	122.20	-62.49	Peak	100	354	P
5	5785.00	6.64	98.68	105.32	200.00	-94.68	Average	100	354	P
6	5785.00	6.64	108.91	115.55	200.00	-84.45	Peak	100	354	P
7	5850.00	6.76	53.59	60.35	122.20	-61.85	Peak	100	354	P
8	5855.00	6.78	53.87	60.65	110.80	-50.15	Peak	100	354	P
9	5875.00	6.83	53.18	60.01	105.20	-45.19	Peak	100	354	P
10	5925.00	6.97	54.09	61.06	68.20	-7.14	Peak	100	354	P
11	11570.00	15.32	36.48	51.80	54.00	-2.20	Average	100	90	P
12	11570.00	15.32	47.40	62.72	74.00	-11.28	Peak	100	90	P
13	17355.00	21.54	45.12	66.66	68.20	-1.54	Peak	100	71	P

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



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

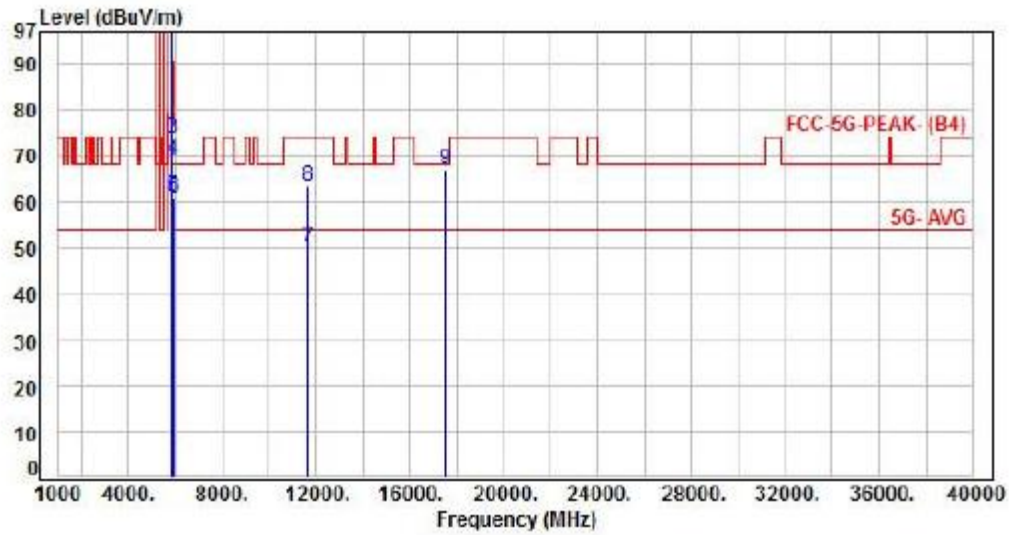


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azinuth (deg)	P/F
1	5825.00	6.69	92.51	99.20	200.00	-100.80	Average	100	36	P
2	5825.00	6.69	103.16	109.85	200.00	-90.15	Peak	100	36	P
3	5850.00	6.76	59.77	66.53	122.20	-55.67	Peak	100	36	P
4	5855.00	6.78	56.17	62.95	110.00	-47.05	Peak	100	36	P
5	5875.00	6.83	53.83	60.66	105.20	-44.54	Peak	100	36	P
6	5925.00	6.97	53.08	60.05	68.20	-8.15	Peak	100	36	P
7	11650.00	15.44	35.59	51.03	54.00	-2.97	Average	100	296	P
8	11650.00	15.44	48.15	63.59	74.00	-10.41	Peak	100	296	P
9	17475.00	22.45	44.72	67.17	68.20	-1.03	Peak	100	188	P

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



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

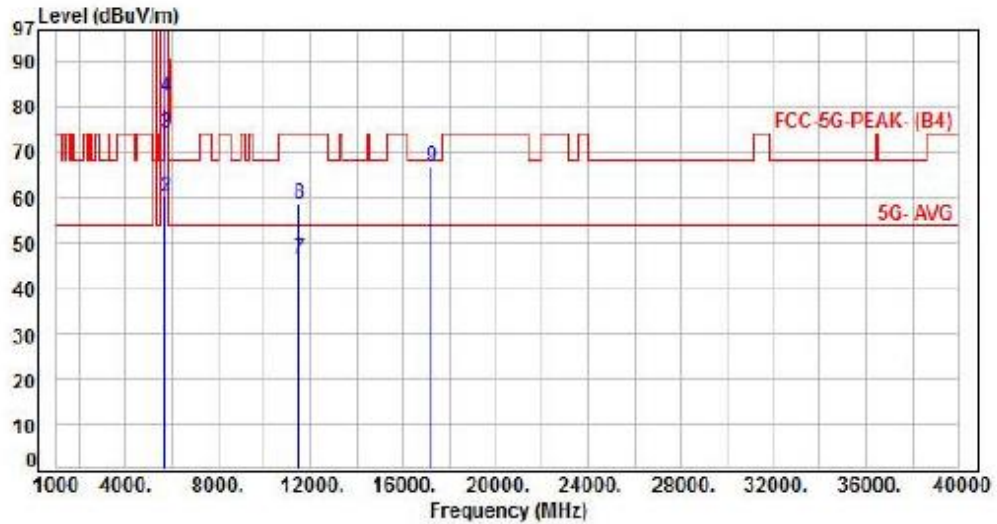


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	6.69	98.56	105.25	200.00	-94.75	Average	100	0	P
2	5825.00	6.69	108.64	115.33	200.00	-84.67	Peak	100	0	P
3	5850.00	6.76	66.91	73.67	122.20	-48.53	Peak	100	0	P
4	5855.00	6.78	62.32	69.10	110.80	-41.70	Peak	100	0	P
5	5875.00	6.83	54.29	61.12	105.20	-44.08	Peak	100	0	P
6	5925.00	6.97	54.02	60.99	68.20	-7.21	Peak	100	0	P
7	11650.00	15.44	34.69	50.13	54.00	-3.87	Average	100	93	P
8	11650.00	15.44	48.01	63.45	74.00	-10.55	Peak	100	93	P
9	17475.00	22.45	44.69	67.14	68.20	-1.06	Peak	100	64	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 4, CH149		:

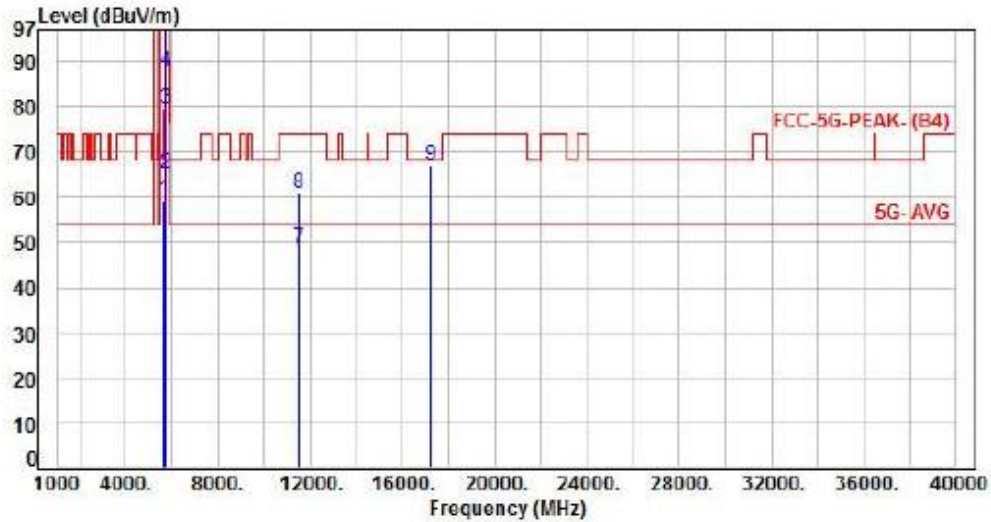


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	54.06	60.58	68.20	-7.62	Peak	107	33	P
2	5700.00	6.56	53.69	60.25	105.20	-44.95	Peak	107	33	P
3	5720.00	6.61	67.46	74.07	110.80	-36.73	Peak	107	33	P
4	5725.00	6.63	75.46	82.09	122.20	-40.11	Peak	107	33	P
5	5745.00	6.68	91.75	98.43	200.00	-101.57	Average	107	33	P
6	5745.00	6.68	103.73	110.41	200.00	-89.59	Peak	107	33	P
7	11490.00	15.08	31.50	46.58	54.00	-7.42	Average	100	328	P
8	11490.00	15.08	43.50	58.58	74.00	-15.42	Peak	100	328	P
9	17235.00	20.94	45.90	66.84	68.20	-1.36	Peak	100	66	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 4, CH149		:	

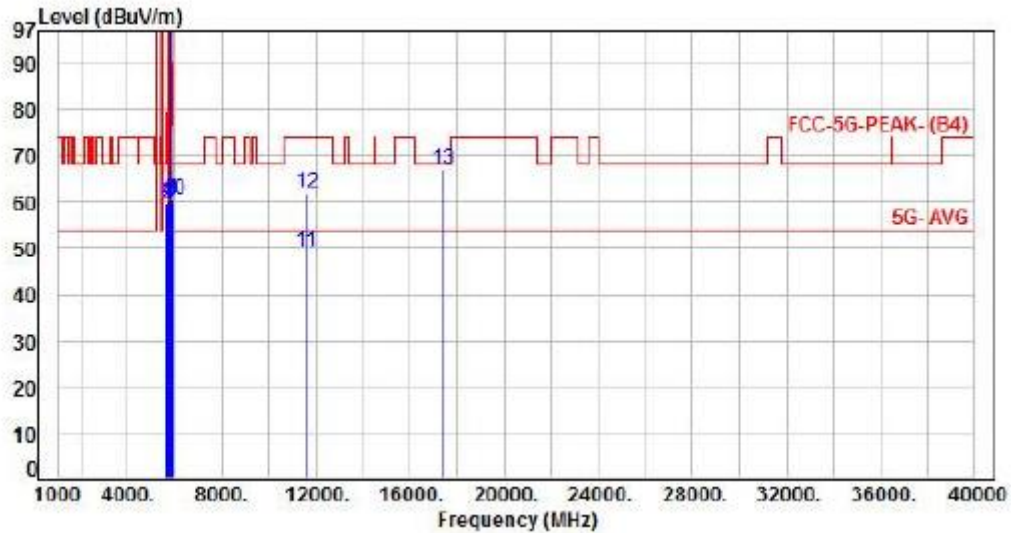


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	52.74	59.26	68.20	-8.94	Peak	100	354	P
2	5700.00	6.56	58.54	65.10	105.20	-40.10	Peak	100	354	P
3	5720.00	6.61	73.11	79.72	110.80	-31.08	Peak	100	354	P
4	5725.00	6.63	81.27	87.90	122.20	-34.30	Peak	100	354	P
5	5745.00	6.68	97.27	103.95	200.00	-96.05	Average	100	354	P
6	5745.00	6.68	108.95	115.63	200.00	-84.37	Peak	100	354	P
7	11490.00	15.08	33.58	48.66	54.00	-5.34	Average	100	318	P
8	11490.00	15.08	45.94	61.02	74.00	-12.98	Peak	100	318	P
9	17235.00	20.94	46.06	67.00	68.20	-1.20	Peak	100	72	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 4, CH157		:

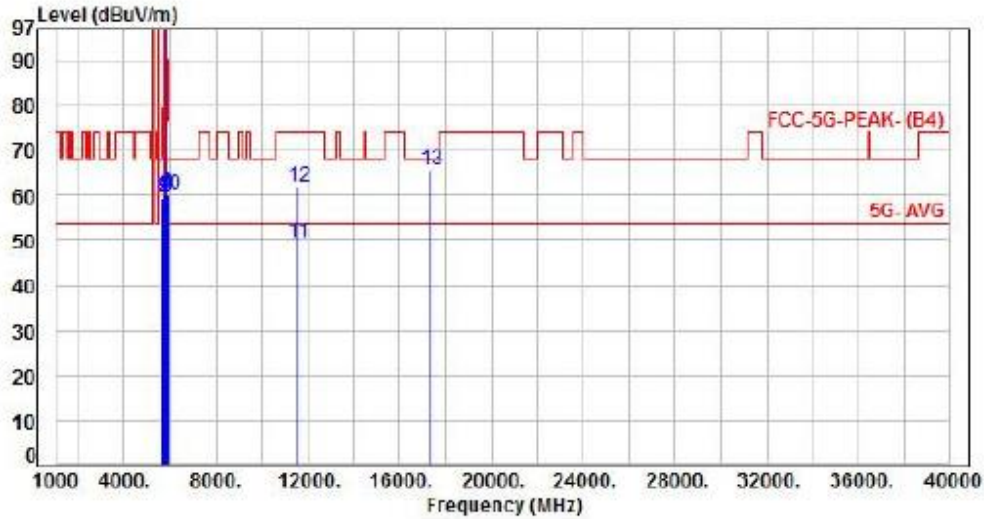


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.07	59.59	68.20	-8.61	Peak	100	38	P
2	5700.00	6.56	53.21	59.77	105.20	-45.43	Peak	100	38	P
3	5720.00	6.61	53.00	59.61	110.80	-51.19	Peak	100	38	P
4	5725.00	6.63	53.53	60.16	122.20	-62.04	Peak	100	38	P
5	5785.00	6.64	93.04	99.68	200.00	-100.32	Average	100	38	P
6	5785.00	6.64	105.03	111.67	200.00	-88.33	Peak	100	38	P
7	5850.00	6.76	53.62	60.38	122.20	-61.82	Peak	100	38	P
8	5855.00	6.78	53.69	60.47	110.80	-50.33	Peak	100	38	P
9	5875.00	6.83	53.43	60.26	105.20	-44.94	Peak	100	38	P
10	5925.00	6.97	53.34	60.31	68.20	-7.89	Peak	100	38	P
11	11570.00	15.32	33.59	48.91	54.00	-5.09	Average	100	324	P
12	11570.00	15.32	46.65	61.97	74.00	-12.03	Peak	100	324	P
13	17355.00	21.54	45.45	66.99	68.20	-1.21	Peak	100	53	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 4, CH157		:

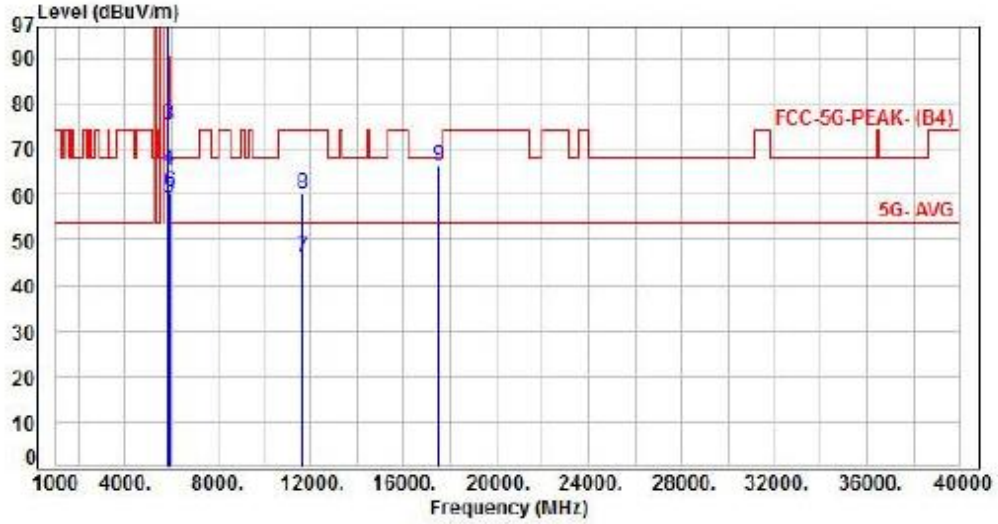


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	52.97	59.49	68.20	-8.71	Peak	100	354	P
2	5700.00	6.56	53.13	59.69	105.20	-45.51	Peak	100	354	P
3	5720.00	6.61	53.02	59.63	110.80	-51.17	Peak	100	354	P
4	5725.00	6.63	53.41	60.04	122.20	-62.16	Peak	100	354	P
5	5785.00	6.64	98.30	104.94	200.00	-95.06	Average	100	354	P
6	5785.00	6.64	110.71	117.35	200.00	-82.65	Peak	100	354	P
7	5850.00	6.76	53.42	60.18	122.20	-62.02	Peak	100	354	P
8	5855.00	6.78	53.14	59.92	110.80	-50.88	Peak	100	354	P
9	5875.00	6.83	53.83	60.66	105.20	-44.54	Peak	100	354	P
10	5925.00	6.97	53.26	60.23	68.20	-7.97	Peak	100	354	P
11	11570.00	15.32	34.06	49.38	54.00	-4.62	Average	100	314	P
12	11570.00	15.32	46.56	61.88	74.00	-12.12	Peak	100	314	P
13	17355.00	21.54	44.03	65.57	68.20	-2.63	Peak	100	89	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 4, CH165		:

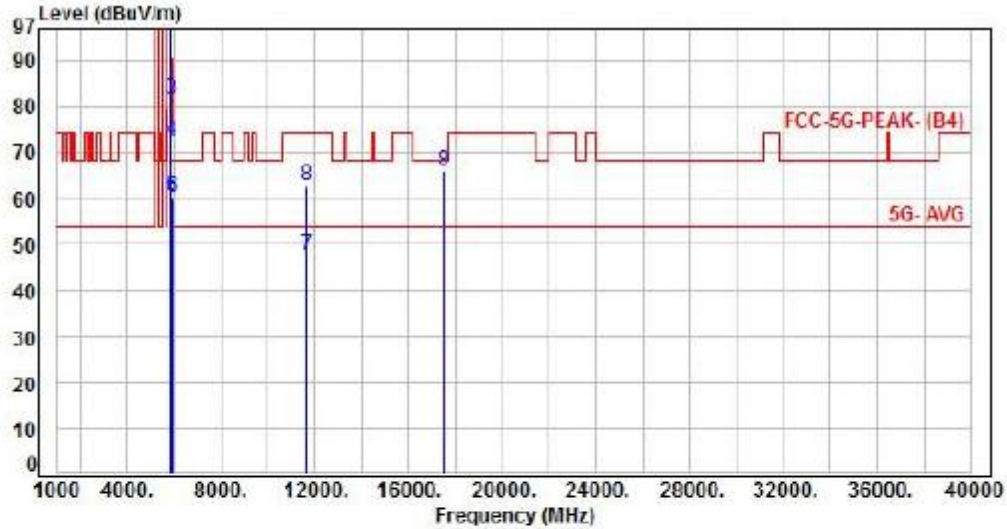


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	6.69	92.04	98.73	200.00	-101.27	Average	100	35	P
2	5825.00	6.69	103.58	110.27	200.00	-89.73	Peak	100	35	P
3	5850.00	6.76	68.54	75.30	122.20	-46.90	Peak	100	35	P
4	5855.00	6.78	58.62	65.40	110.80	-45.40	Peak	100	35	P
5	5875.00	6.83	52.70	59.53	105.20	-45.67	Peak	100	35	P
6	5925.00	6.97	53.41	60.38	68.20	-7.82	Peak	100	35	P
7	11650.00	15.44	30.55	45.99	54.00	-8.01	Average	100	179	P
8	11650.00	15.44	44.53	59.97	74.00	-14.03	Peak	100	179	P
9	17475.00	22.45	44.02	66.47	68.20	-1.73	Peak	100	178	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 4, CH165		:	

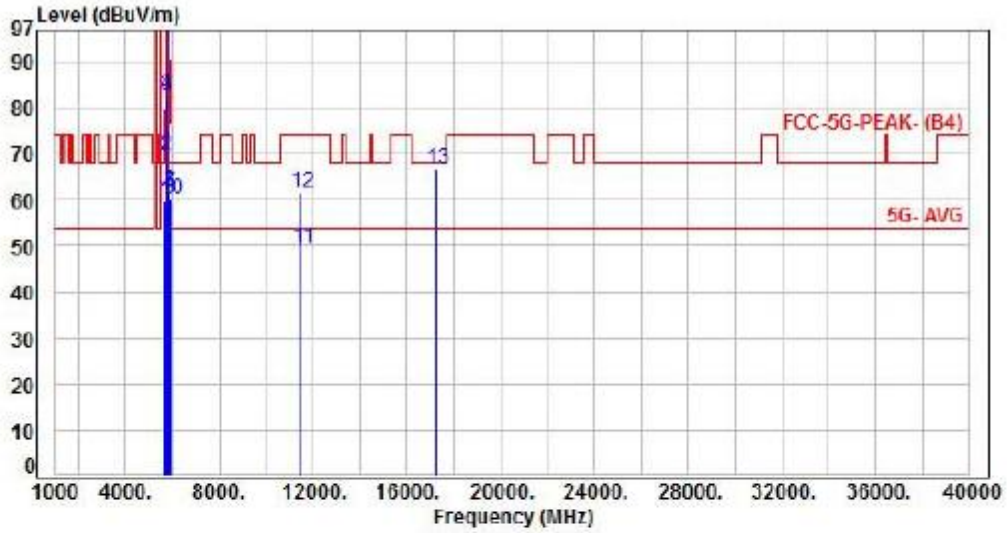


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	6.69	97.65	104.34	200.00	-95.66	Average	102	355	P
2	5825.00	6.69	109.06	115.75	200.00	-84.25	Peak	102	355	P
3	5850.00	6.76	74.59	81.35	122.20	-40.85	Peak	102	355	P
4	5855.00	6.78	65.42	72.20	110.80	-38.60	Peak	102	355	P
5	5875.00	6.83	53.84	60.67	105.20	-44.53	Peak	102	355	P
6	5925.00	6.97	53.31	60.28	68.20	-7.92	Peak	102	355	P
7	11650.00	15.44	31.98	47.42	54.00	-6.58	Average	100	182	P
8	11650.00	15.44	47.29	62.73	74.00	-11.27	Peak	100	182	P
9	17475.00	22.45	43.54	65.99	68.20	-2.21	Peak	100	0	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 4, CH151		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.22	59.74	68.20	-8.46	Peak	102	39	P
2	5700.00	6.56	63.06	69.62	105.20	-35.58	Peak	102	39	P
3	5720.00	6.61	75.91	82.52	110.80	-28.28	Peak	102	39	P
4	5725.00	6.63	76.51	83.14	122.20	-39.06	Peak	102	39	P
5	5755.00	6.68	90.83	97.51	200.00	-102.49	Average	102	39	P
6	5755.00	6.68	104.18	110.86	200.00	-89.14	Peak	102	39	P
7	5850.00	6.76	54.69	61.45	122.20	-60.75	Peak	102	39	P
8	5855.00	6.78	55.09	61.87	110.80	-48.93	Peak	102	39	P
9	5875.00	6.83	53.36	60.19	105.20	-45.01	Peak	102	39	P
10	5925.00	6.97	53.17	60.14	68.20	-8.06	Peak	102	39	P
11	11510.00	15.14	34.38	49.52	54.00	-4.48	Average	100	323	P
12	11510.00	15.14	46.46	61.60	74.00	-12.40	Peak	100	323	P
13	17265.00	21.10	45.68	66.78	68.20	-1.42	Peak	100	60	P

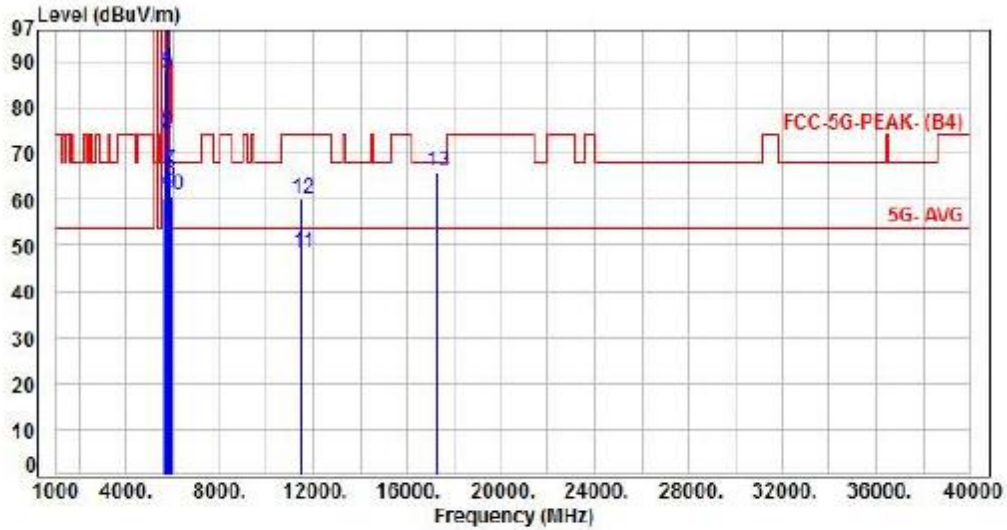
Note: Level=Reading+Factor

Margin=Level-limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 4, CH151		:	

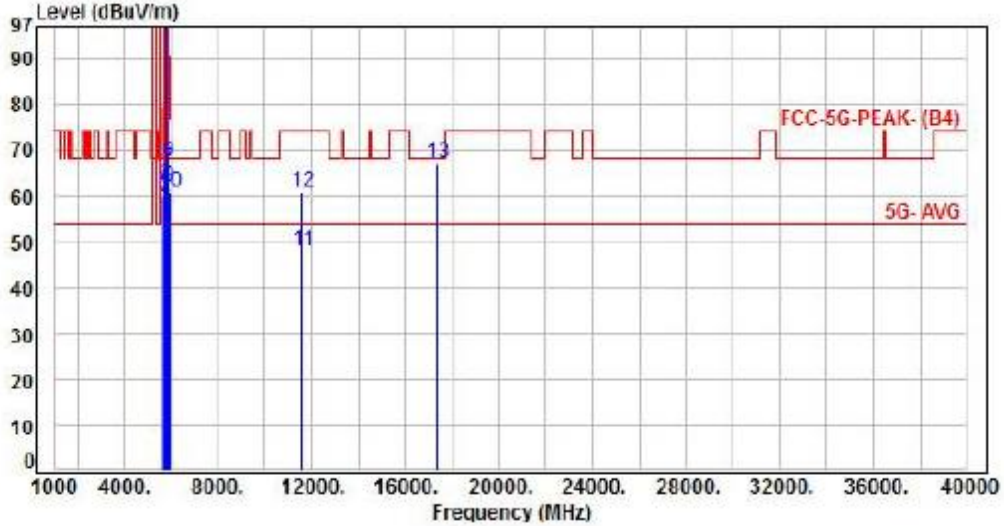


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.46	59.98	68.20	-8.22	Peak	100	356	P
2	5700.00	6.56	68.11	74.67	105.20	-30.53	Peak	100	356	P
3	5720.00	6.61	80.79	87.40	110.80	-23.40	Peak	100	356	P
4	5725.00	6.63	81.95	88.58	122.20	-33.62	Peak	100	356	P
5	5755.00	6.68	96.58	103.26	200.00	-96.74	Average	100	356	P
6	5755.00	6.68	103.76	110.44	200.00	-89.56	Peak	100	356	P
7	5850.00	6.76	59.46	66.22	122.20	-55.98	Peak	100	356	P
8	5855.00	6.78	57.47	64.25	110.80	-46.55	Peak	100	356	P
9	5875.00	6.83	54.32	61.15	105.20	-44.05	Peak	100	356	P
10	5925.00	6.97	53.99	60.96	68.20	-7.24	Peak	100	356	P
11	11510.00	15.14	33.10	48.24	54.00	-5.76	Average	100	82	P
12	11510.00	15.14	44.80	59.94	74.00	-14.06	Peak	100	82	P
13	17265.00	21.10	44.91	66.01	68.20	-2.19	Peak	100	75	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 4, CH159		:	

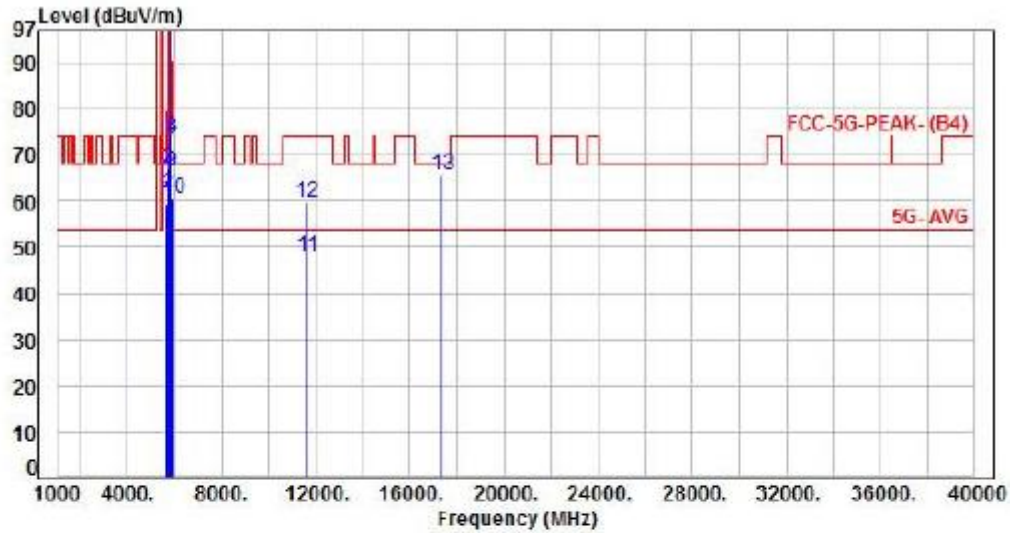


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.75	60.27	68.20	-7.93	Peak	100	35	P
2	5700.00	6.56	53.06	59.62	105.20	-45.58	Peak	100	35	P
3	5720.00	6.61	55.58	62.19	110.80	-48.61	Peak	100	35	P
4	5725.00	6.63	55.88	62.51	122.20	-59.69	Peak	100	35	P
5	5795.00	6.63	90.31	96.94	200.00	-103.06	Average	100	35	P
6	5795.00	6.63	103.45	110.08	200.00	-89.92	Peak	100	35	P
7	5850.00	6.76	59.14	65.90	122.20	-56.30	Peak	100	35	P
8	5855.00	6.78	60.66	67.44	110.80	-43.36	Peak	100	35	P
9	5875.00	6.83	55.16	61.99	105.20	-43.21	Peak	100	35	P
10	5925.00	6.97	53.82	60.79	68.20	-7.41	Peak	100	35	P
11	11590.00	15.37	32.49	47.86	54.00	-6.14	Average	100	329	P
12	11590.00	15.37	45.40	60.77	74.00	-13.23	Peak	100	329	P
13	17385.00	21.67	45.42	67.09	68.20	-1.11	Peak	100	120	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 4, CH159		:	

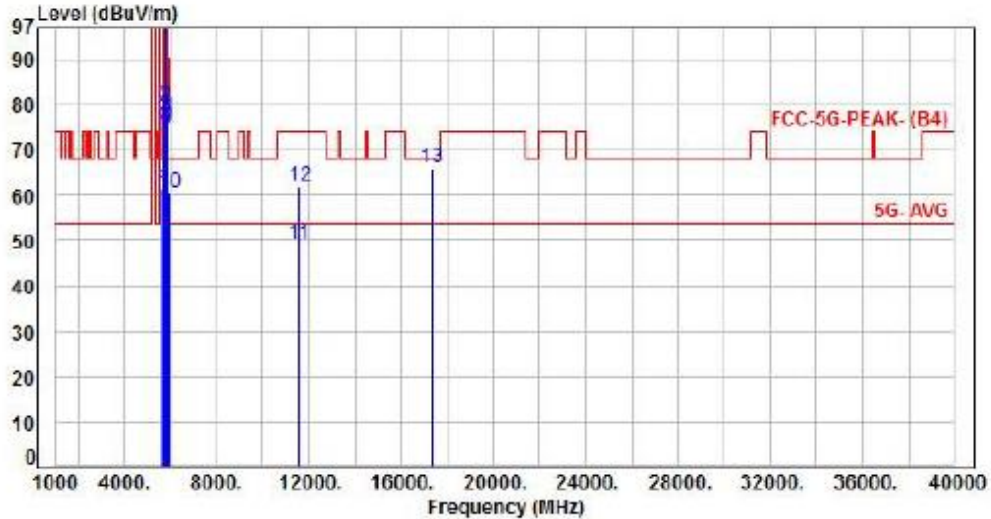


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	52.79	59.31	68.20	-8.89	Peak	100	20	P
2	5700.00	6.56	55.17	61.73	105.20	-43.47	Peak	100	20	P
3	5720.00	6.61	60.43	67.04	110.80	-43.76	Peak	100	20	P
4	5725.00	6.63	59.47	66.10	122.20	-56.10	Peak	100	20	P
5	5795.00	6.63	95.62	102.25	200.00	-97.75	Average	100	20	P
6	5795.00	6.63	108.34	114.97	200.00	-85.03	Peak	100	20	P
7	5850.00	6.76	64.65	71.41	122.20	-50.79	Peak	100	20	P
8	5855.00	6.78	66.94	73.72	110.80	-37.08	Peak	100	20	P
9	5875.00	6.83	59.50	66.33	105.20	-38.87	Peak	100	20	P
10	5925.00	6.97	53.42	60.39	68.20	-7.81	Peak	100	20	P
11	11590.00	15.37	32.51	47.88	54.00	-6.12	Average	100	339	P
12	11590.00	15.37	44.56	59.93	74.00	-14.07	Peak	100	339	P
13	17385.00	21.67	44.09	65.76	68.20	-2.44	Peak	100	157	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 7, Band 4, CH155		:

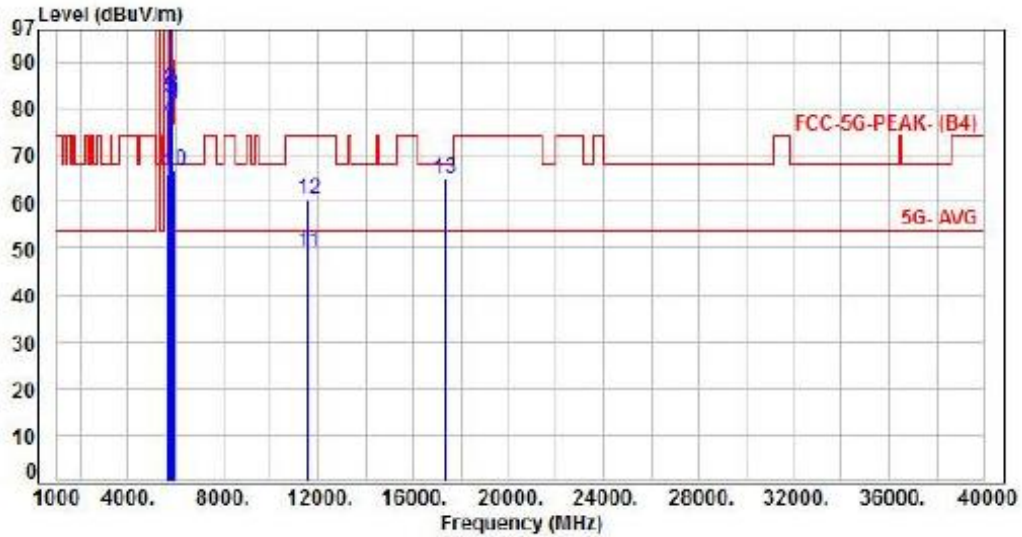


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	55.23	61.75	68.20	-6.45	Peak	100	35	P
2	5700.00	6.56	73.06	79.62	105.20	-25.58	Peak	100	35	P
3	5720.00	6.61	70.96	77.57	110.00	-33.23	Peak	100	35	P
4	5725.00	6.63	68.39	75.02	122.20	-47.18	Peak	100	35	P
5	5775.00	6.65	89.46	96.13	200.00	-103.87	Average	100	35	P
6	5775.00	6.65	100.16	106.81	200.00	-93.19	Peak	100	35	P
7	5850.00	6.76	67.81	74.57	122.20	-47.63	Peak	100	35	P
8	5855.00	6.78	70.54	77.32	110.00	-33.48	Peak	100	35	P
9	5875.00	6.83	67.93	74.76	105.20	-30.44	Peak	100	35	P
10	5925.00	6.97	53.59	60.56	68.20	-7.64	Peak	100	35	P
11	11550.00	15.26	33.88	49.14	54.00	-4.86	Average	100	216	P
12	11550.00	15.26	46.62	61.88	74.00	-12.12	Peak	100	216	P
13	17325.00	21.41	44.62	66.03	68.20	-2.17	Peak	100	119	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 4, CH155		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	59.60	66.12	68.20	-2.08	Peak	100	352	P
2	5700.00	6.56	77.49	84.05	105.20	-21.15	Peak	100	352	P
3	5720.00	6.61	75.78	82.39	110.80	-28.41	Peak	100	352	P
4	5725.00	6.63	71.02	77.65	122.20	-44.55	Peak	100	352	P
5	5775.00	6.65	95.64	102.29	200.00	-97.71	Average	100	352	P
6	5775.00	6.65	106.05	112.70	200.00	-87.30	Peak	100	352	P
7	5850.00	6.76	73.17	79.93	122.20	-42.27	Peak	100	352	P
8	5855.00	6.78	76.13	82.91	110.80	-27.89	Peak	100	352	P
9	5875.00	6.83	73.93	80.76	105.20	-24.44	Peak	100	352	P
10	5925.00	6.97	59.73	66.70	68.20	-1.50	Peak	100	352	P
11	11550.00	15.26	33.78	49.04	54.00	-4.96	Average	100	309	P
12	11550.00	15.26	45.11	60.37	74.00	-13.63	Peak	100	309	P
13	17325.00	21.41	43.47	64.88	68.20	-3.32	Peak	100	48	P

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



6.7. Restricted Bands of Operation

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

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

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



7. On Time, Duty Cycle and Measurement methods

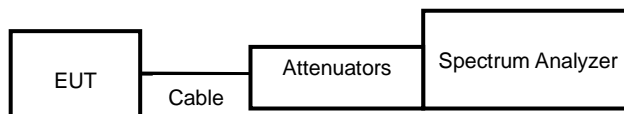
7.1. Test Limit

None; for reporting purposes only.

7.2. Test Procedure

KDB 789033 Zero-Span Spectrum Analyzer Method.

7.3. Test Setup Layout



7.4. Test Result and Data

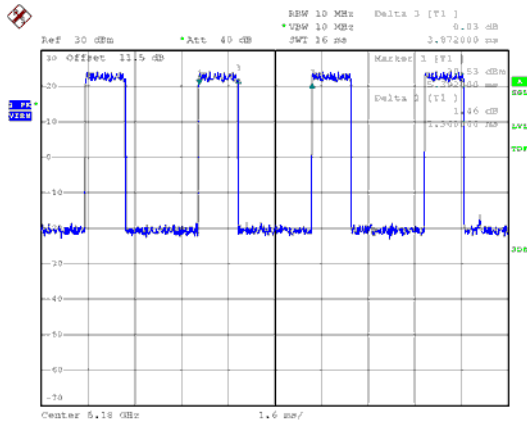
Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11a,6M	1.36	3.87	35.12%
802.11n HT20	1.25	3.76	33.33%
802.11n HT40	0.64	3.15	20.33%
802.11ac VHT20	1.28	3.79	33.76%
802.11ac VHT40	0.64	3.15	20.33%
802.11ac VHT80	0.32	2.83	11.31%
802.11ax HE20	1.17	3.68	31.74%
802.11ax HE40	0.61	3.12	19.66%
802.11ax HE80	0.33	2.84	11.71%

7.5. Measurement Methods

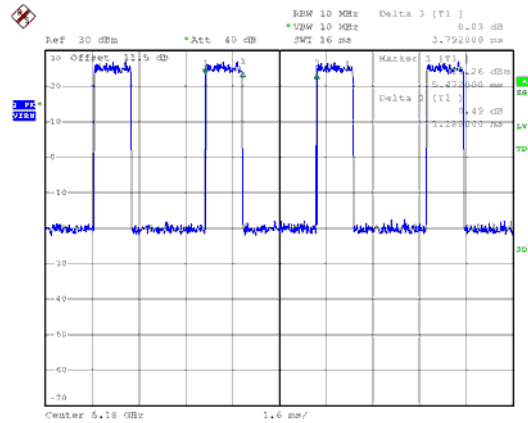
26 dB and 6dB Emission BW	KDB 789033 D02 v02r01, Section C
99% Occupied BW	KDB 789033 D02 v02r01, Section D
Conducted Output Power	KDB 789033 D02 v02r01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 D02 v02r01, Section F
Unwanted emissions in restricted bands	KDB 789033 D02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



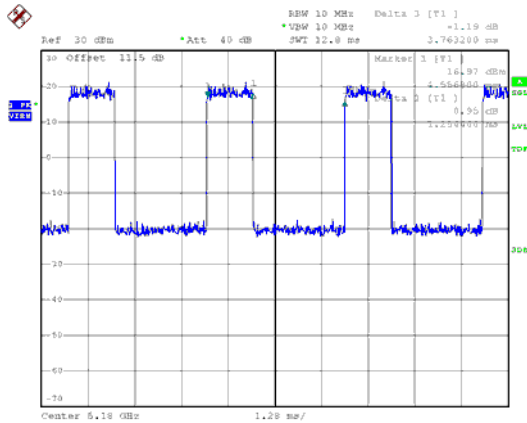
Modulation Type: 802.11a (6Mbps)



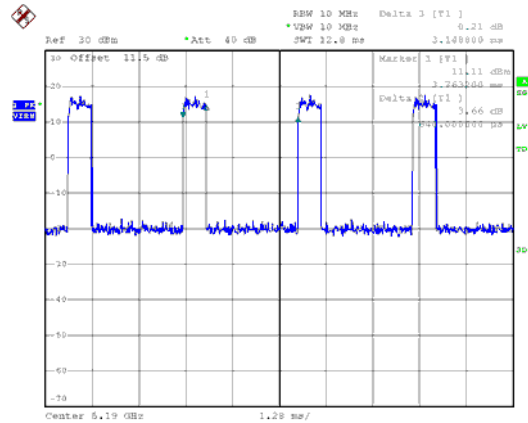
Modulation Type: 802.11ac VHT20 (6.5Mbps)



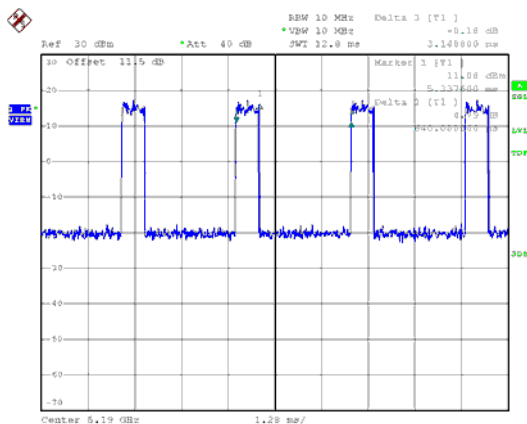
Modulation Type: 802.11n HT20 (6.5Mbps)



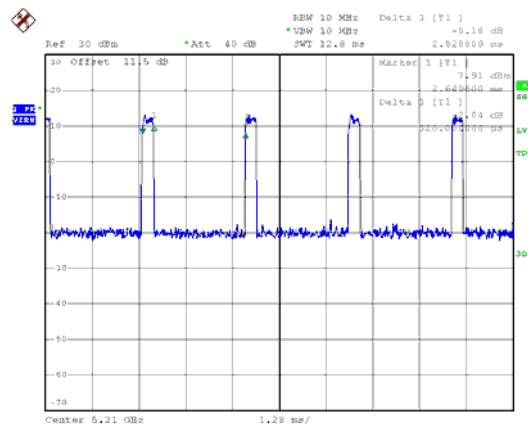
Modulation Type: 802.11ac VHT40 (13.5Mbps)



Modulation Type: 802.11n HT40 (13.5Mbps)

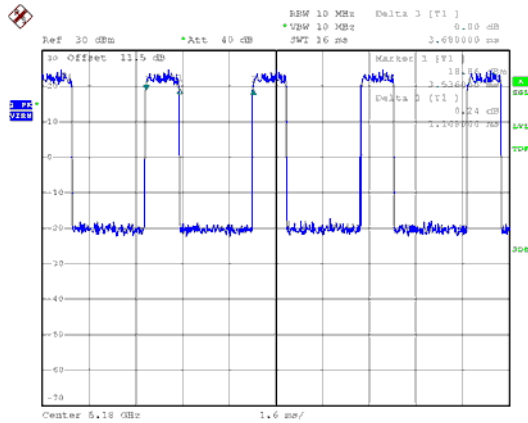


Modulation Type: 802.11ac VHT80 (29.3Mbps)

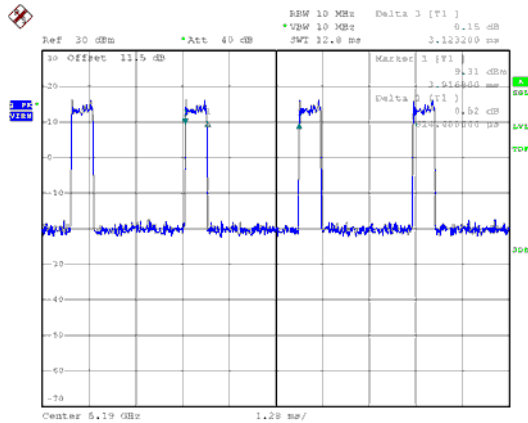




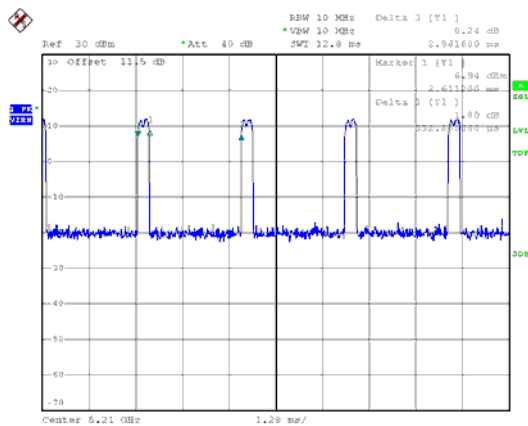
Modulation Type: 802.11ax HE20 (6.5Mbps)



Modulation Type: 802.11ax HE40 (14.6Mbps)



Modulation Type: 802.11ax HE80 (30.6Mbps)





8. 6dB Bandwidth & 99% Occupied Bandwidth

8.1. Test Limit

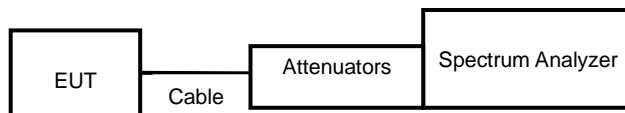
FCC §15.407

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	16.29	16.29	0.50
11a	157	5785	16.29	16.29	0.50
11a	165	5825	16.29	16.29	0.50
11ac VHT20	149	5745	17.16	16.89	0.50
11ac VHT20	157	5785	16.95	16.95	0.50
11ac VHT20	165	5825	16.92	16.83	0.50
11ac VHT40	151	5755	35.52	35.10	0.50
11ac VHT40	159	5795	35.16	35.46	0.50
11ac VHT80	155	5775	75.72	75.48	0.50
11ax HE20	149	5745	18.72	18.66	0.50
11ax HE20	157	5785	18.66	18.78	0.50
11ax HE20	165	5825	18.81	18.75	0.50
11ax HE40	151	5755	37.62	37.56	0.50
11ax HE40	159	5795	37.62	37.86	0.50
11ax HE80	155	5775	77.28	77.40	0.50

In the 5.8G Band

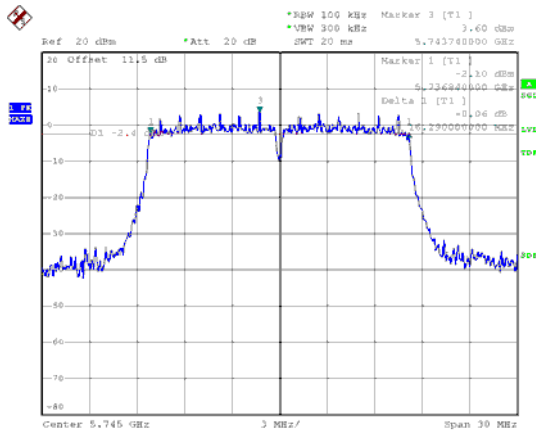
Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	149	5745	16.41	16.44
11a	157	5785	16.41	16.41
11a	165	5825	16.44	16.44
11ac VHT20	149	5745	17.61	17.58
11ac VHT20	157	5785	17.58	17.64
11ac VHT20	165	5825	17.61	17.64
11ac VHT40	151	5755	36.42	36.42
11ac VHT40	159	5795	36.36	36.42
11ac VHT80	155	5775	76.32	76.44
11ax HE20	149	5745	18.93	18.90
11ax HE20	157	5785	18.96	18.93
11ax HE20	165	5825	18.93	18.93
11ax HE40	151	5755	37.98	38.04
11ax HE40	159	5795	37.98	37.98
11ax HE80	155	5775	77.40	77.76



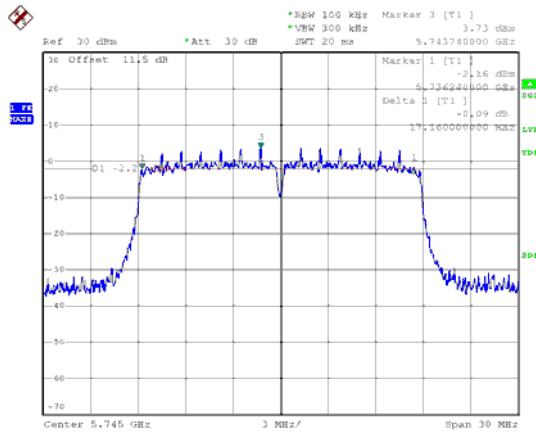
UNII Emission Bandwidth Result (Extends across 5725MHz band)						
Modulation Type	Data Rate / MCS	Frequency (MHz)	6dB Bandwidth(MHz)		99% Bandwidth(MHz)	
			ANT A	ANT B	ANT A	ANT B
11a	6 Mbps	5720	3.13	3.13	3.63	3.50
11ac VHT20	NSS1-MCS0	5720	3.75	3.75	4.00	4.13
11ac VHT40	NSS1-MCS0	5710	3.13	3.13	8.38	11.63
11ac VHT80	NSS1-MCS0	5690	3.13	3.13	44.38	47.00
11ax HE20	NSS1-MCS0	5720	4.38	4.38	4.63	4.63
11ax HE40	NSS1-MCS0	5710	4.00	4.00	6.50	8.88
11ax HE80	NSS1-MCS0	5690	3.88	3.88	20.00	24.25



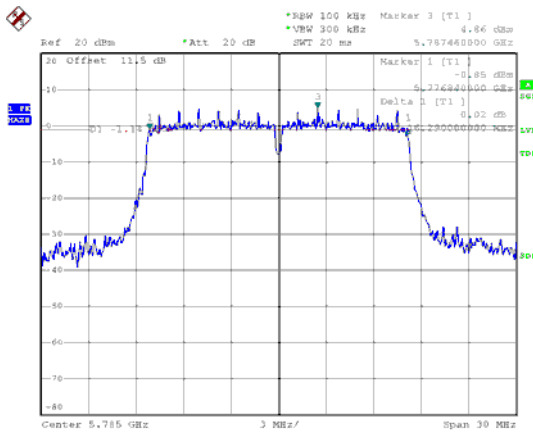
ANT A
6dB Bandwidth
Modulation Type: 802.11a (6Mbps)
CH149



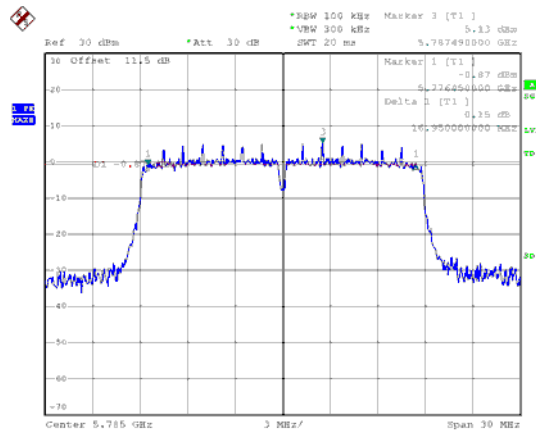
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



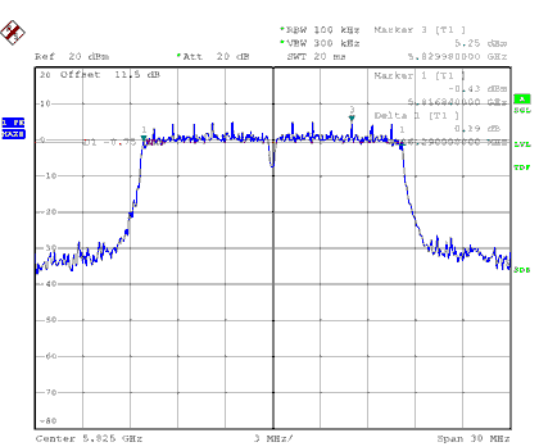
CH157



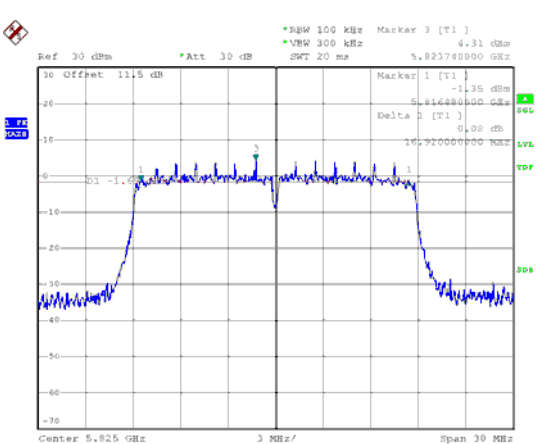
CH157



CH165



CH165

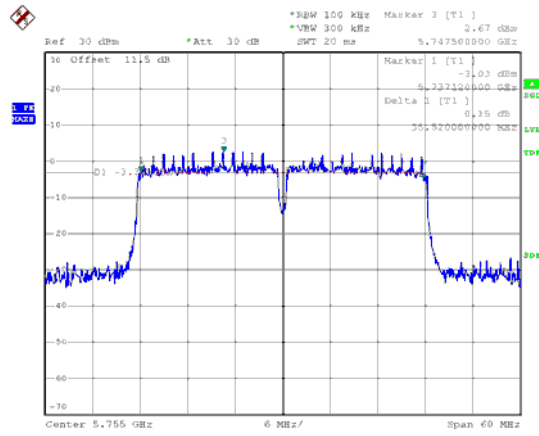




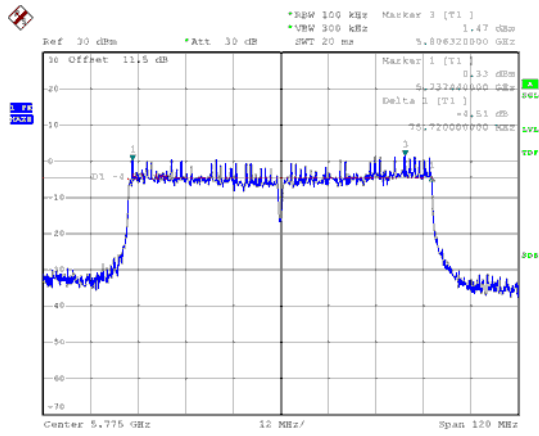
ANT A

6dB Bandwidth

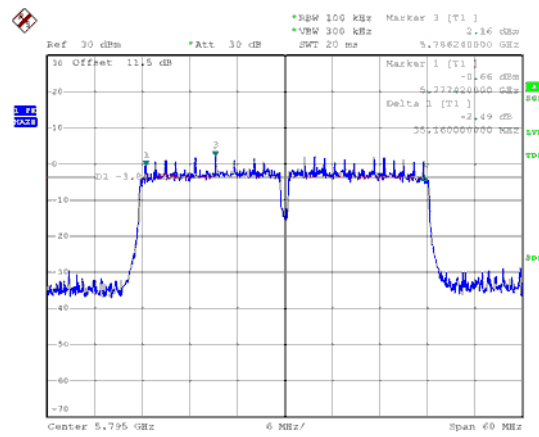
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



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



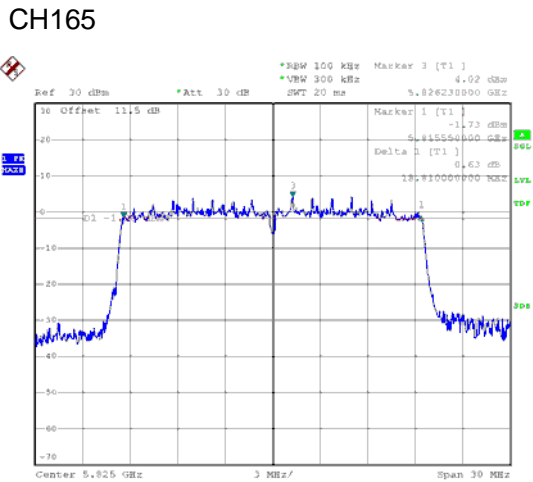
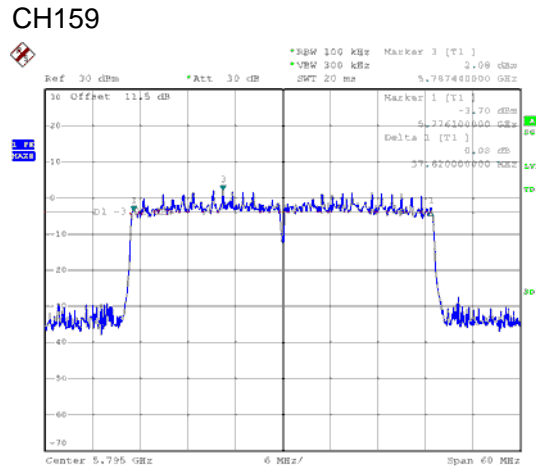
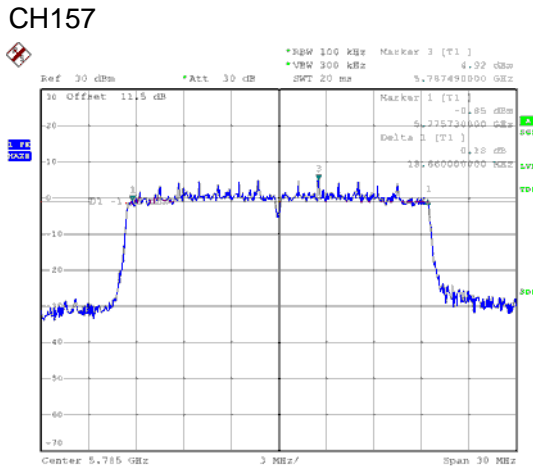
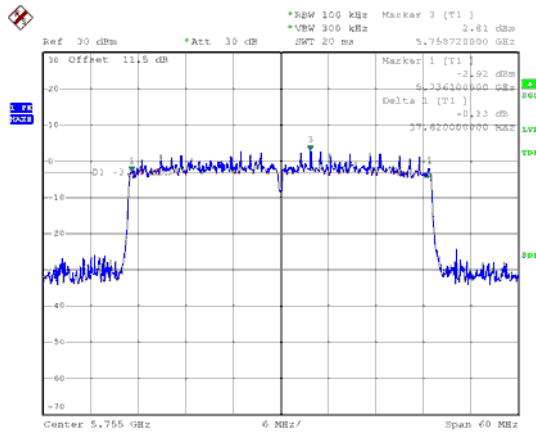
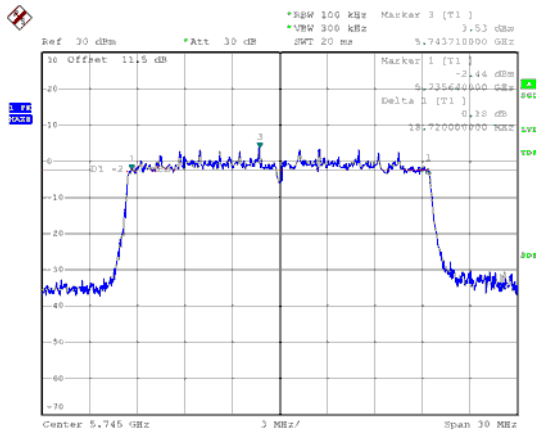
CH159





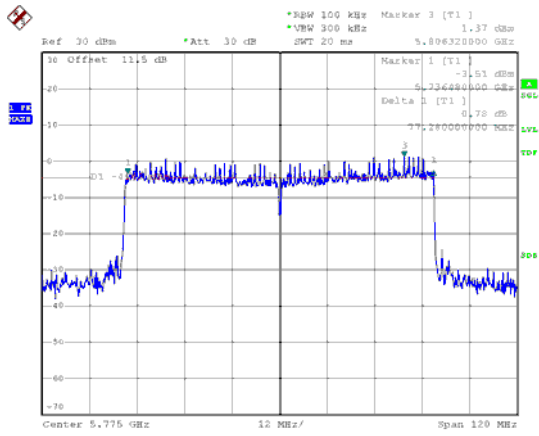
ANT A
6dB Bandwidth
Modulation Type: 802. 11ax HE20 (7.3Mbps)
CH149

Modulation Type: 802. 11ax HE40 (14.6Mbps)
CH151





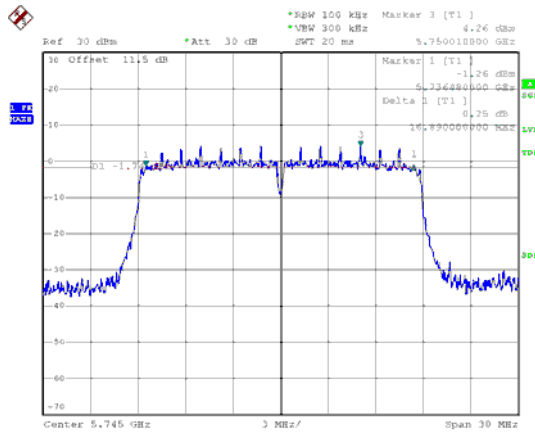
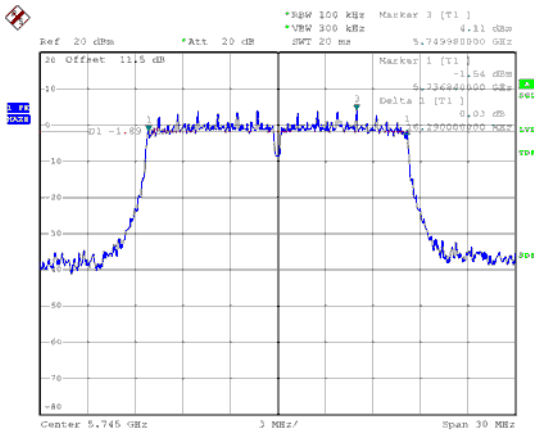
ANT A
6dB Bandwidth
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH155





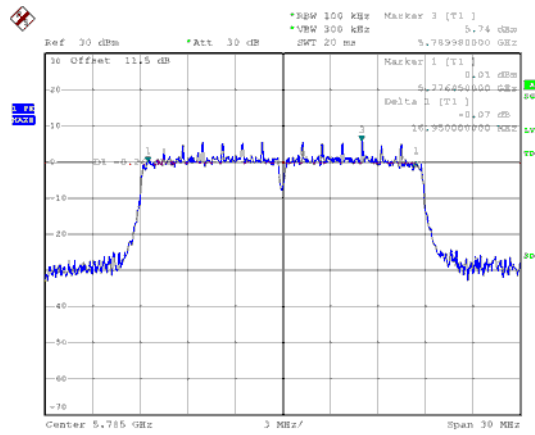
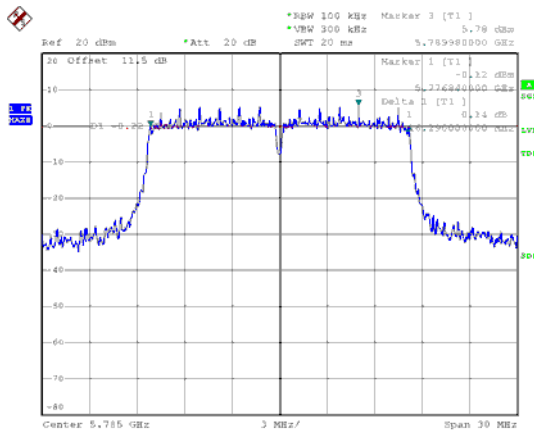
ANT B
6dB Bandwidth
Modulation Type: 802.11a (6Mbps)
CH149

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



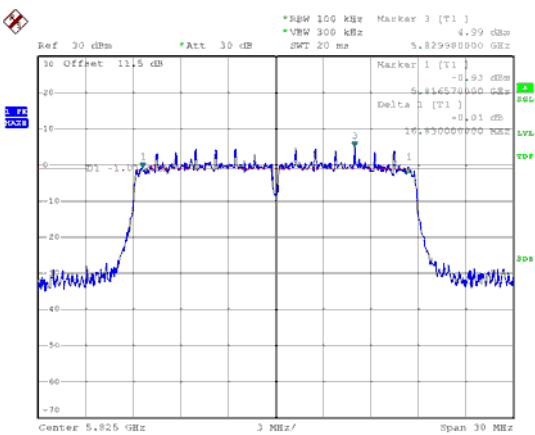
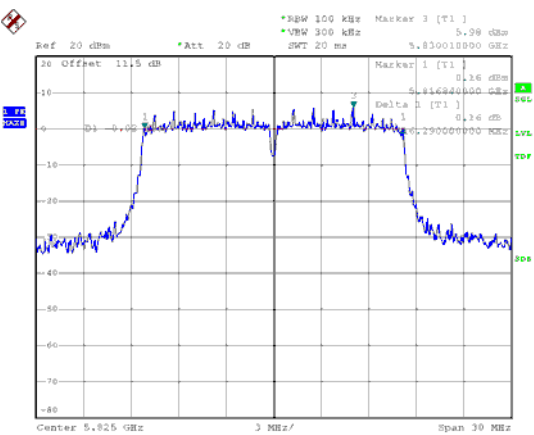
CH157

CH157



CH165

CH165

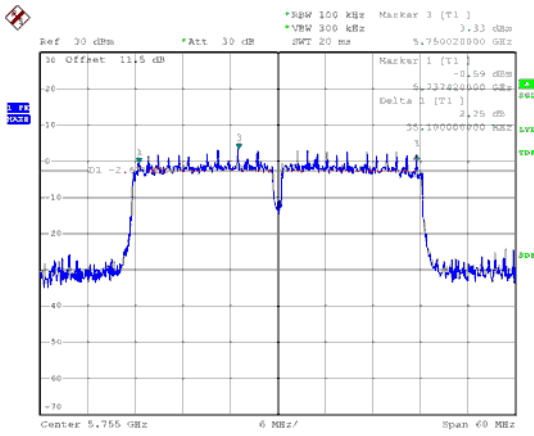




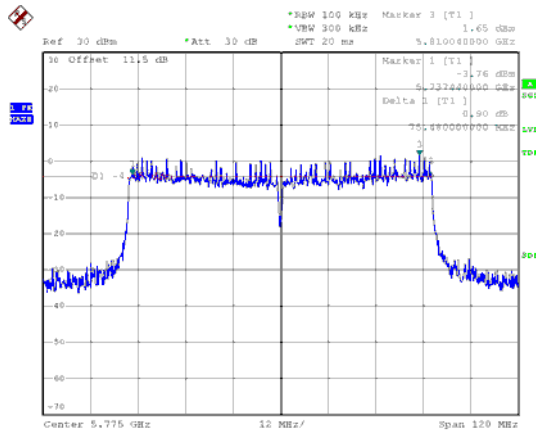
ANT B

6dB Bandwidth

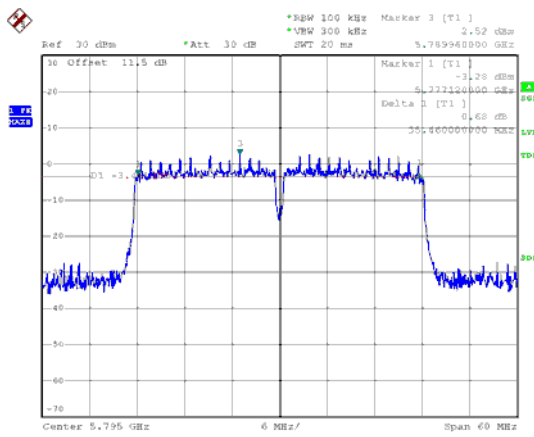
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



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



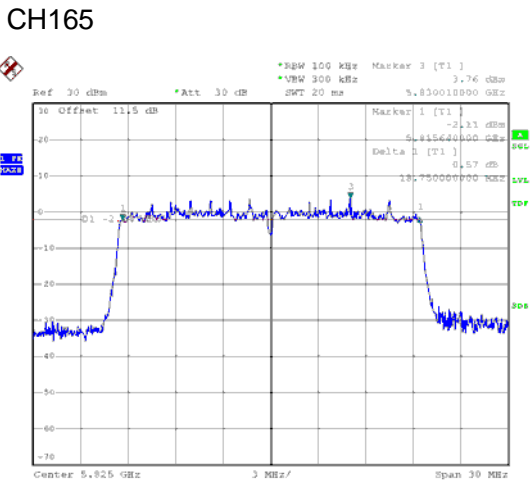
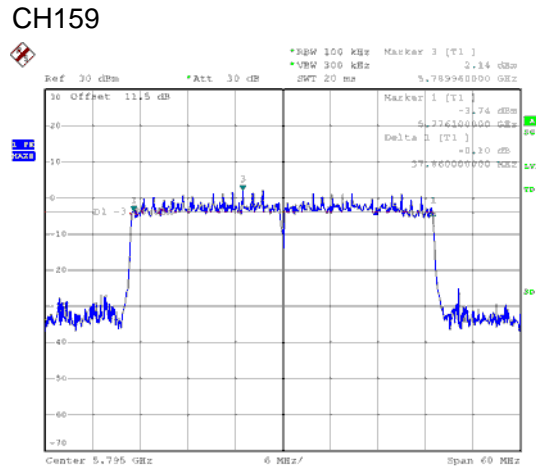
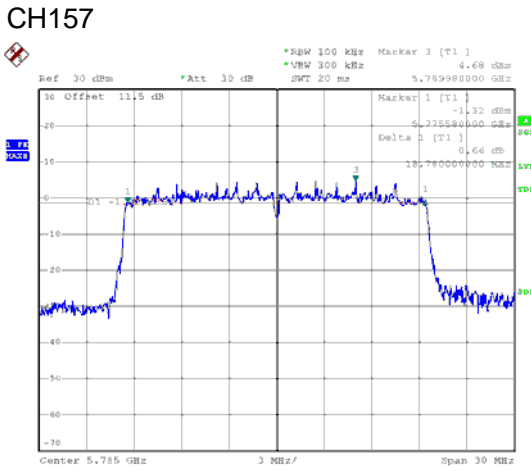
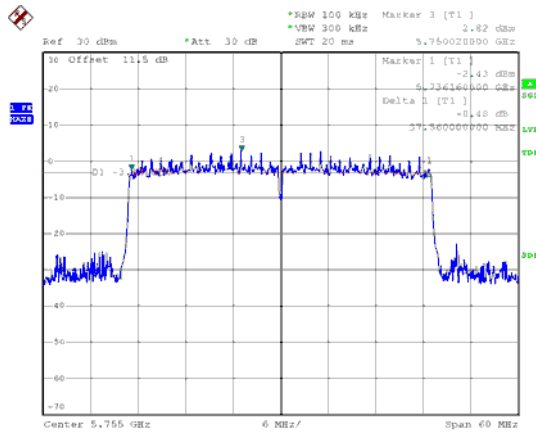
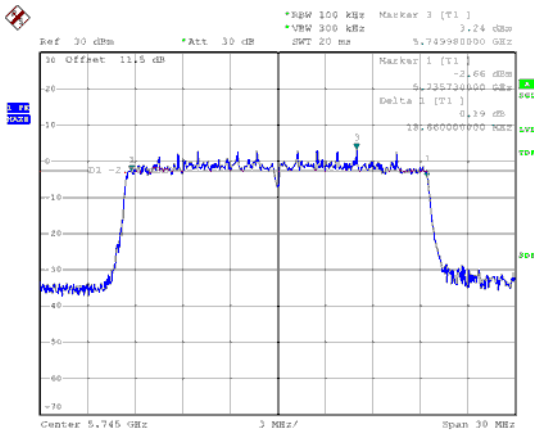
CH159





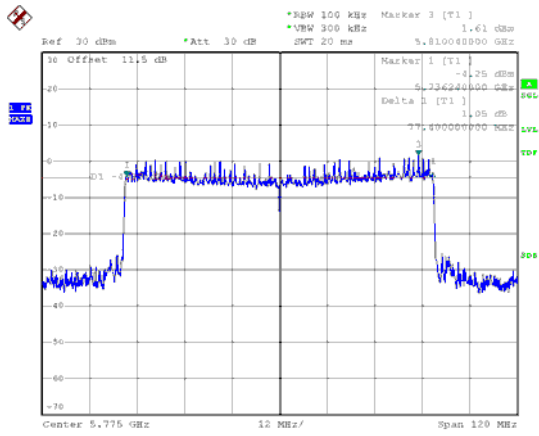
ANT B
6dB Bandwidth
Modulation Type: 802. 11ax HE20 (7.3Mbps)
CH149

Modulation Type: 802. 11ax HE40 (14.6Mbps)
CH151





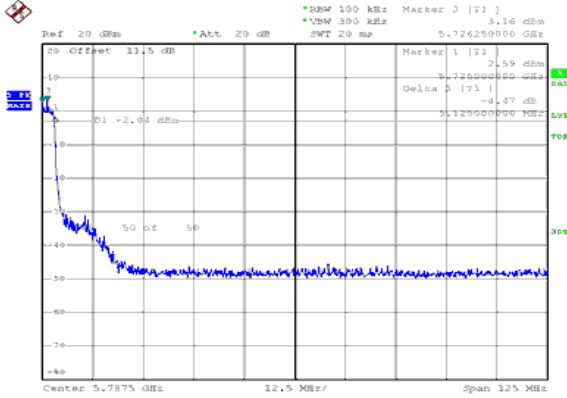
ANT B
6dB Bandwidth
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH155



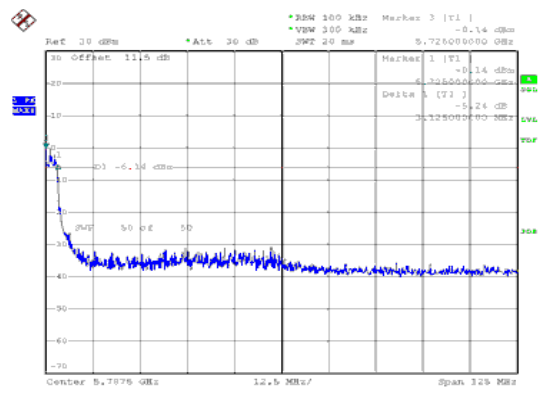


ANT A
6dB Bandwidth
Extends across 5725MHz Band, Straddle Channel

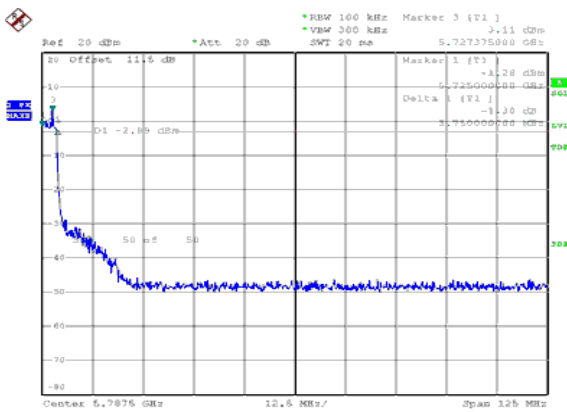
Modulation Type: 802.11a (6Mbps)
CH144



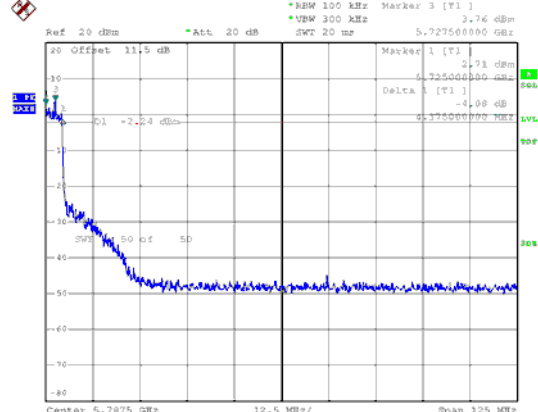
Modulation Type: 802.11ac, VHT80 (29.3Mbps)
CH138



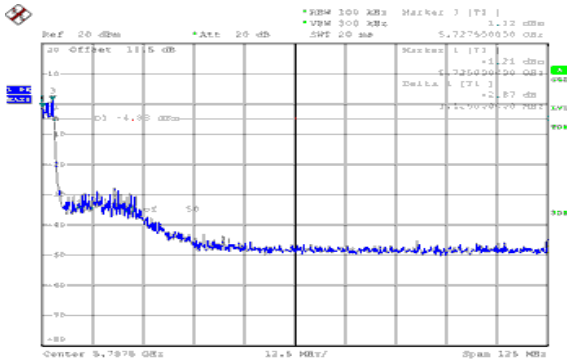
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH144



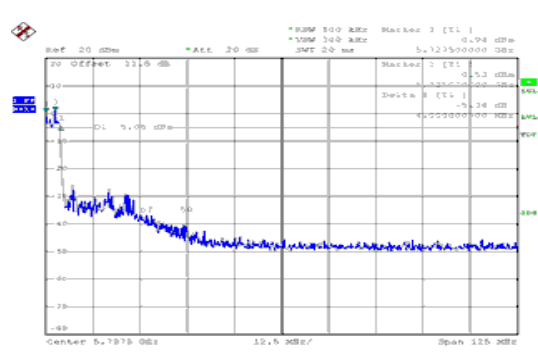
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH144



Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH142

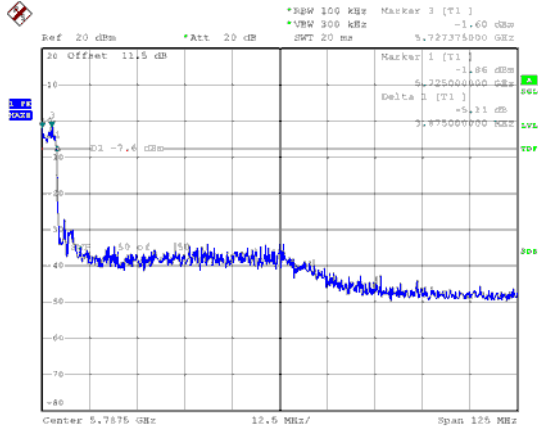


Modulation Type: 802.11ax HE40 (14.6Mbps)
CH142





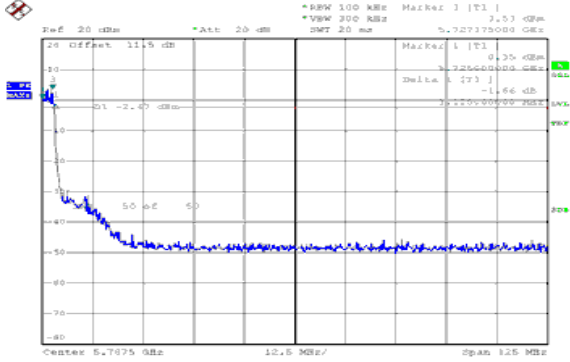
ANT A
6dB Bandwidth
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802. 11ax HE80 (30.6Mbps)
CH138



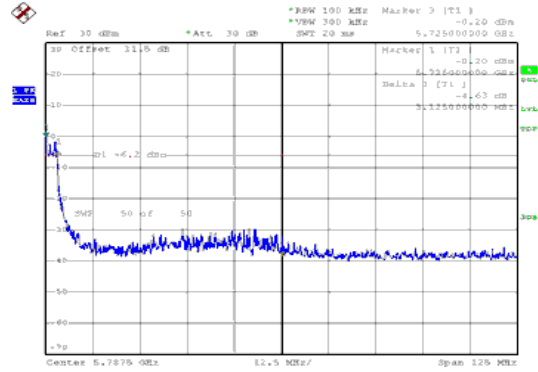


ANT B
6dB Bandwidth
Extends across 5725MHz Band, Straddle Channel

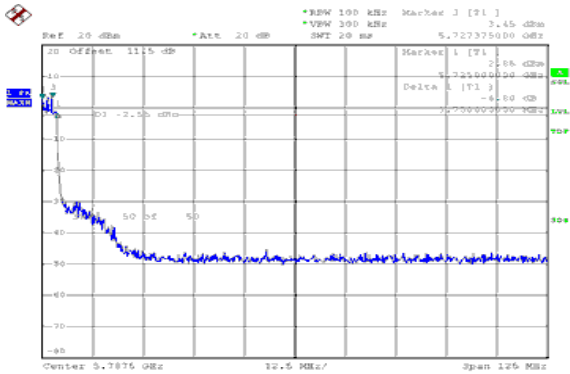
Modulation Type: 802.11a (6Mbps)
CH144



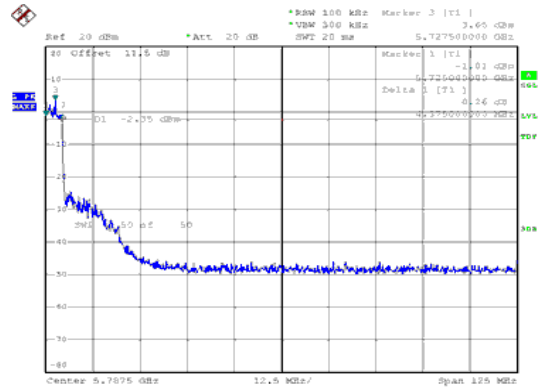
Modulation Type: 802.11ac, VHT80 (29.3Mbps)
CH138



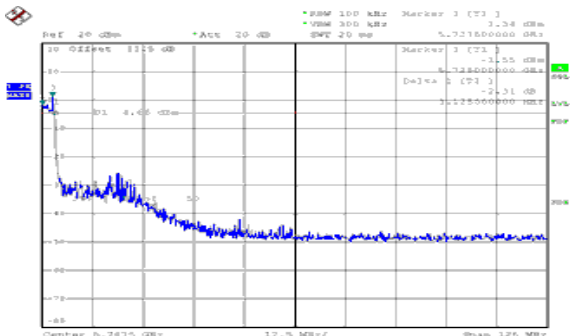
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH144



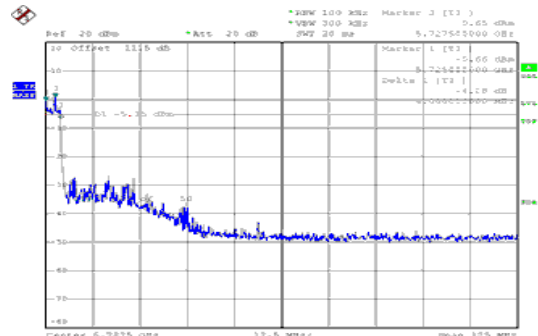
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH144



Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH142

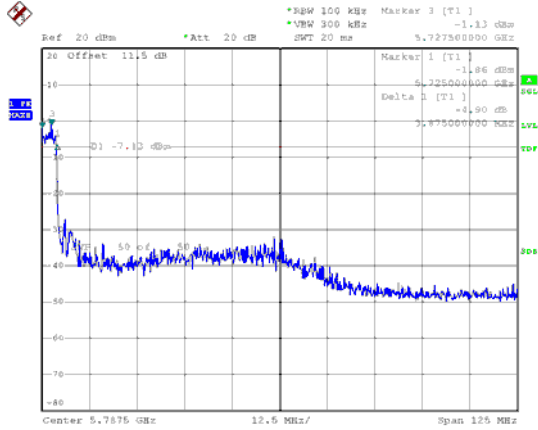


Modulation Type: 802.11ax HE40 (14.6Mbps)
CH142





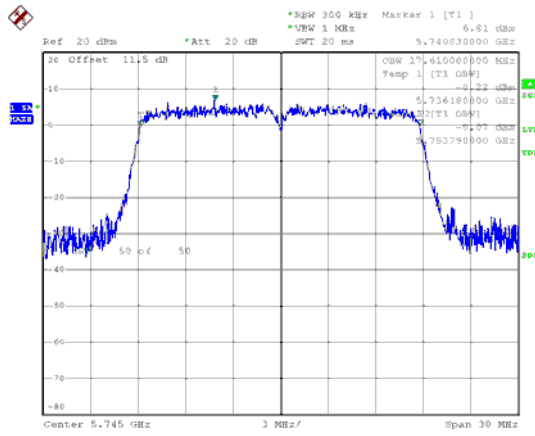
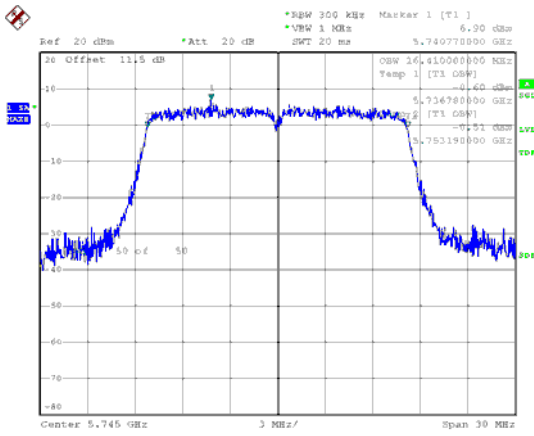
ANT B
6dB Bandwidth
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802. 11ax HE80 (30.6Mbps)
CH138





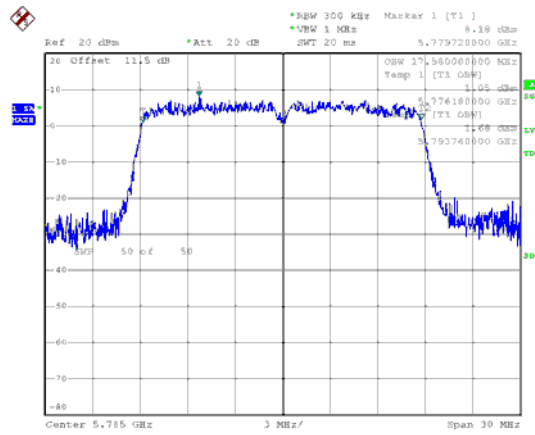
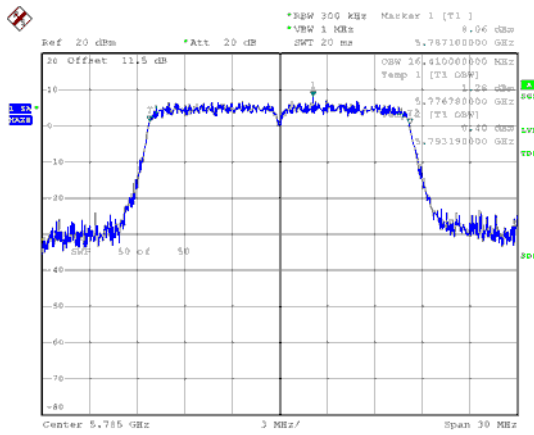
ANT A
99% Occupied Bandwidth
Modulation Type: 802.11a (6Mbps)
CH149

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



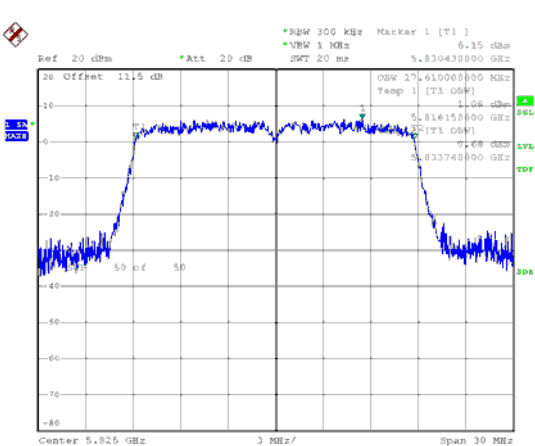
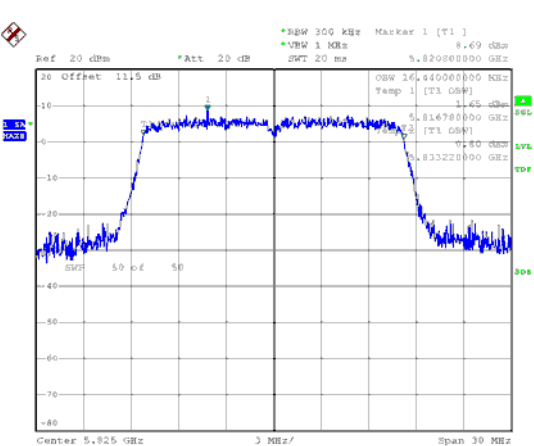
CH157

CH157



CH165

CH165

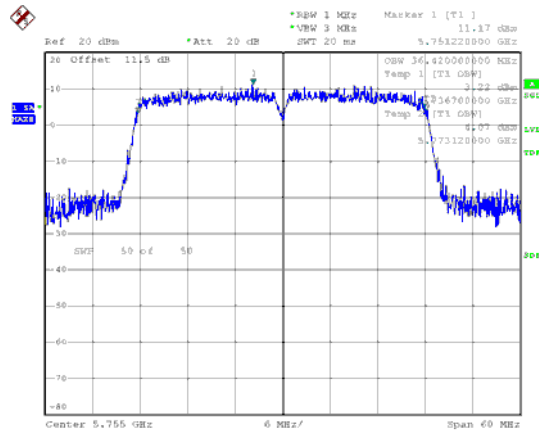




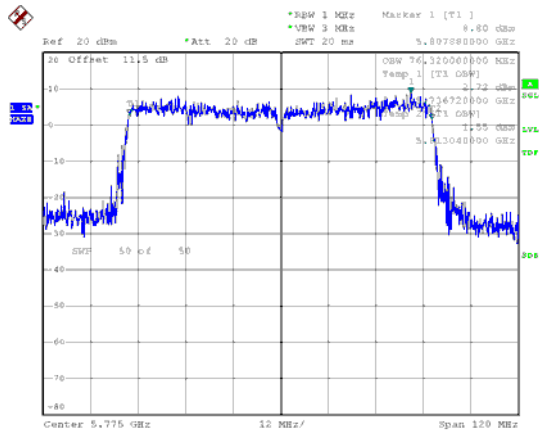
ANT A

99% Occupied Bandwidth

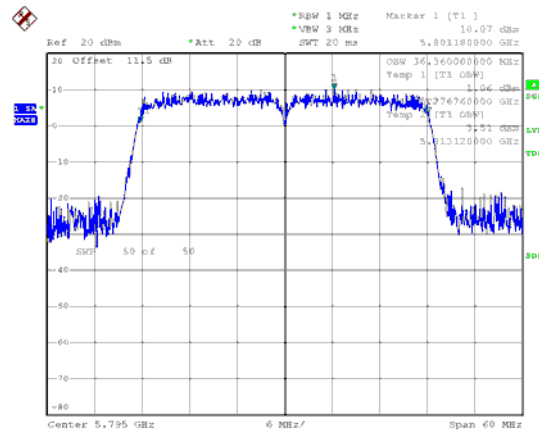
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



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

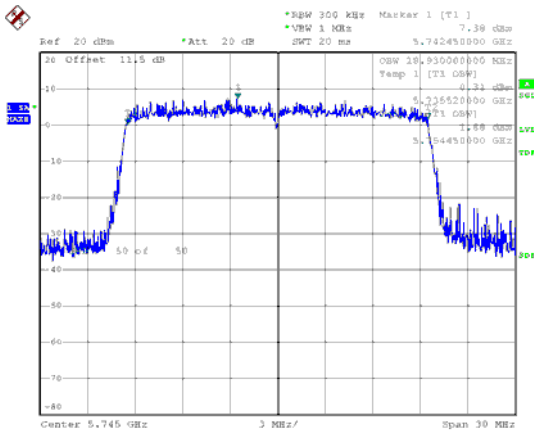


CH159

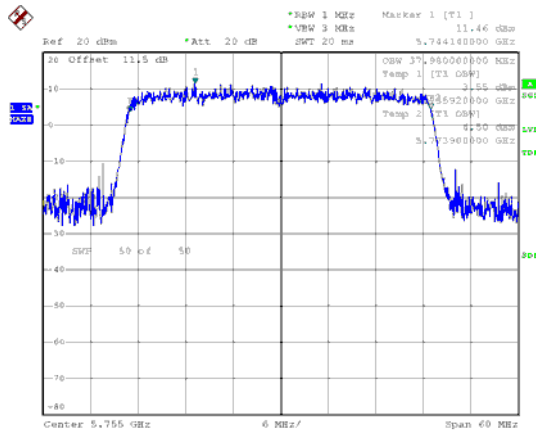




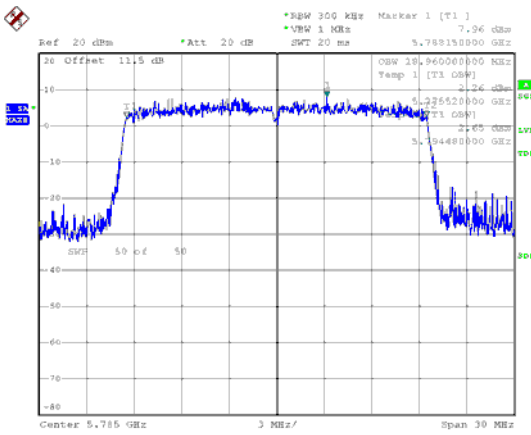
ANT A
99% Occupied Bandwidth
Modulation Type: 802. 11ax HE20 (7.3Mbps)
CH149



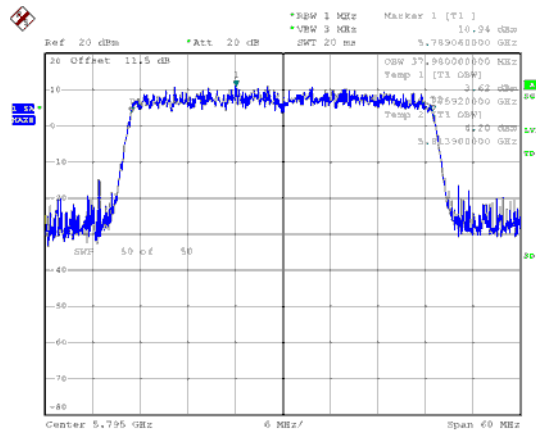
Modulation Type: 802. 11ax HE40 (14.6Mbps)
CH151



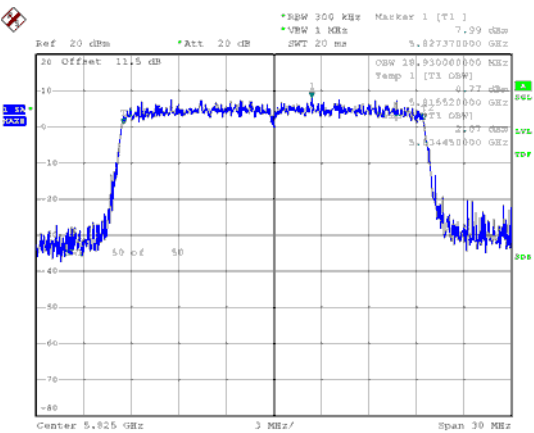
CH157



CH159

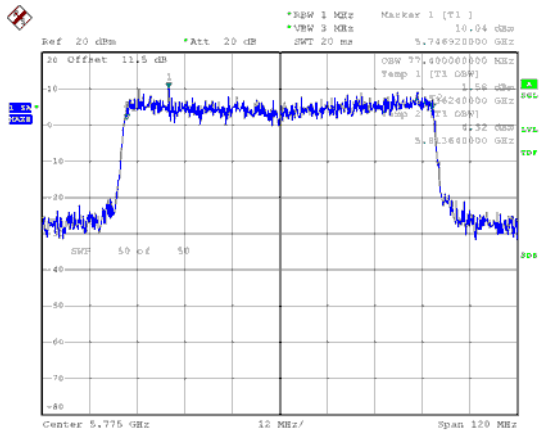


CH165





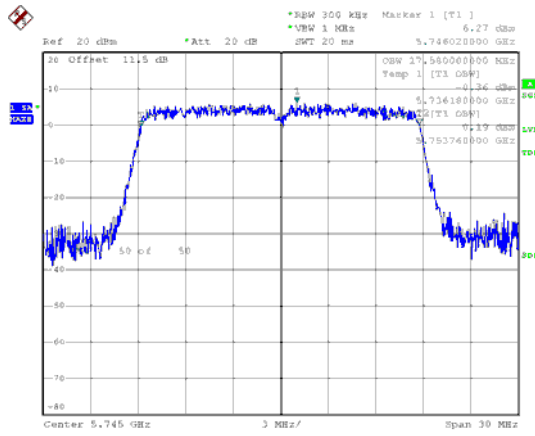
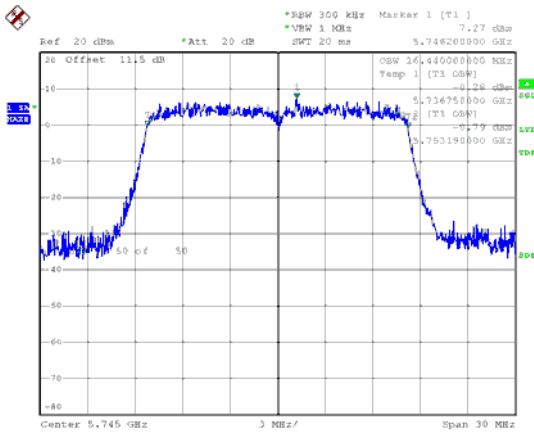
ANT A
99% Occupied Bandwidth
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH155





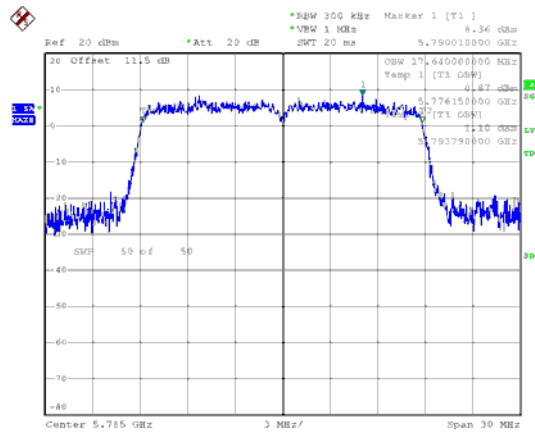
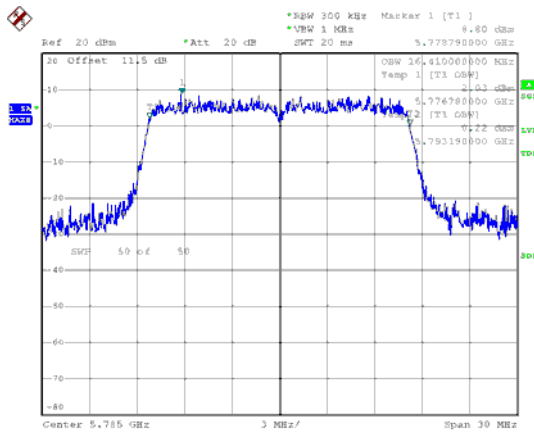
ANT B
99% Occupied Bandwidth
Modulation Type: 802.11a (6Mbps)
CH149

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



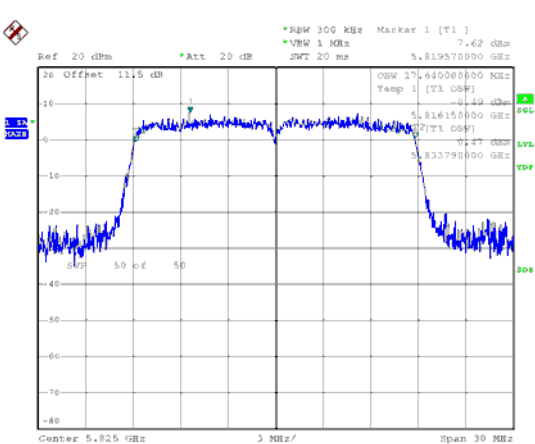
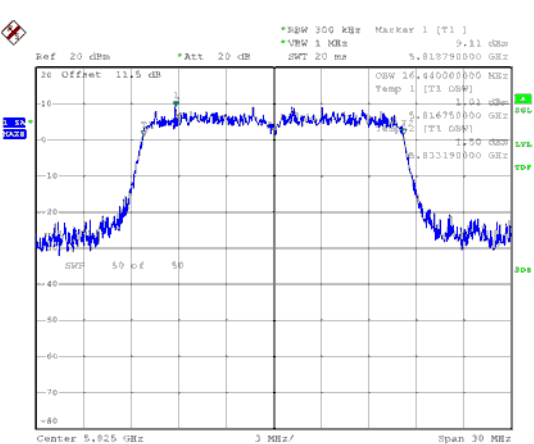
CH157

CH157



CH165

CH165

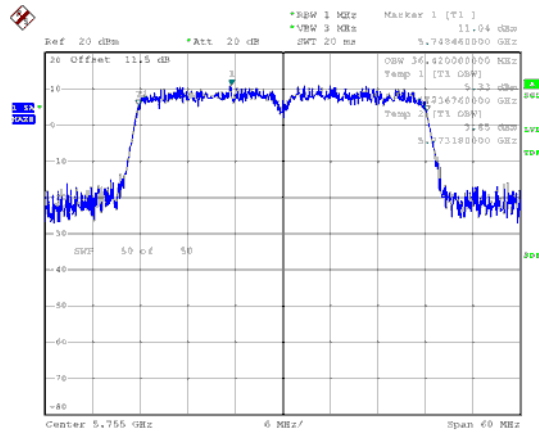




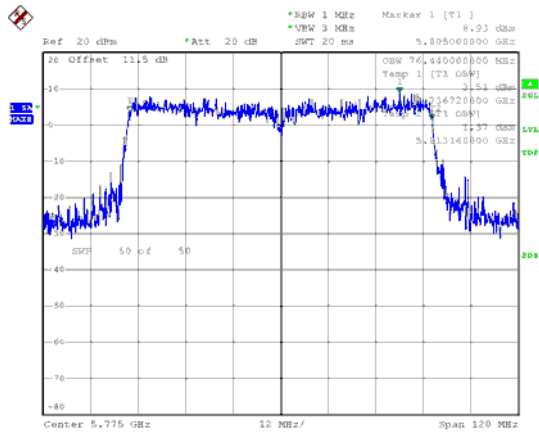
ANT B

99% Occupied Bandwidth

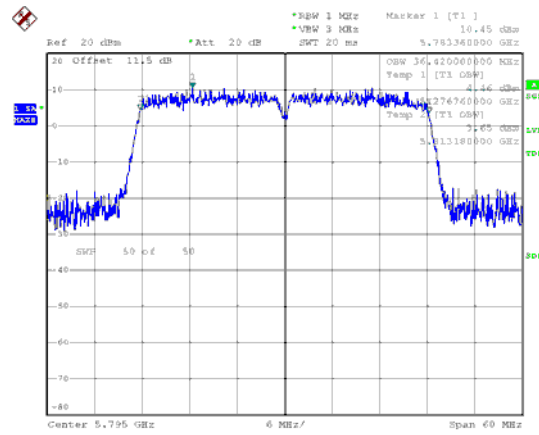
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



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



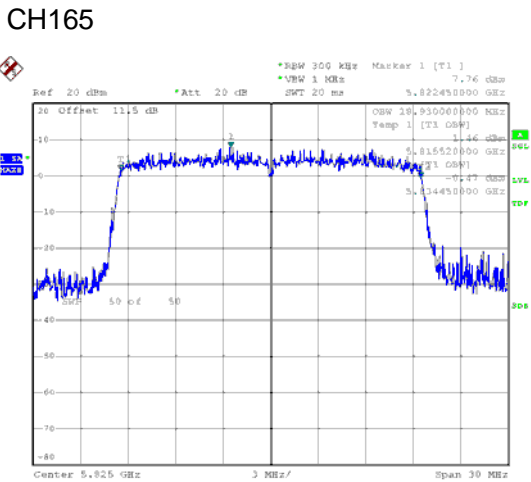
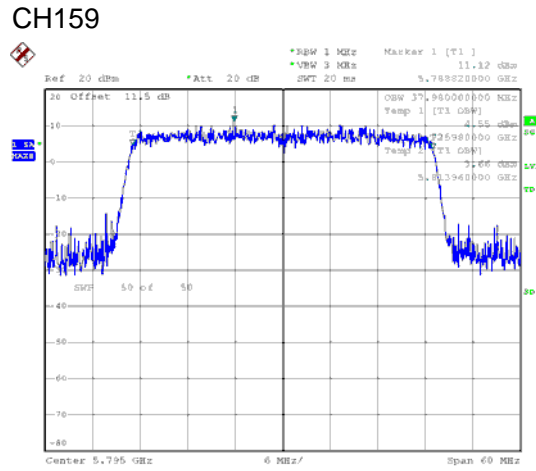
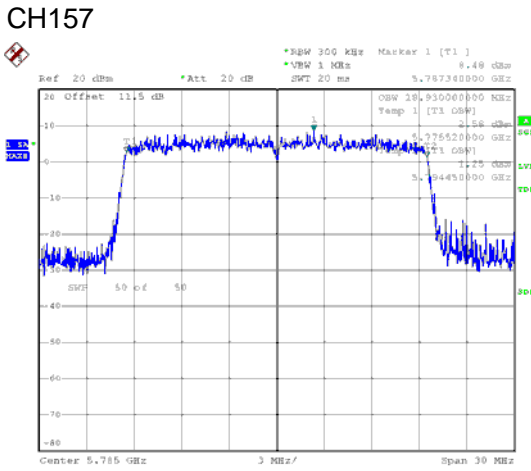
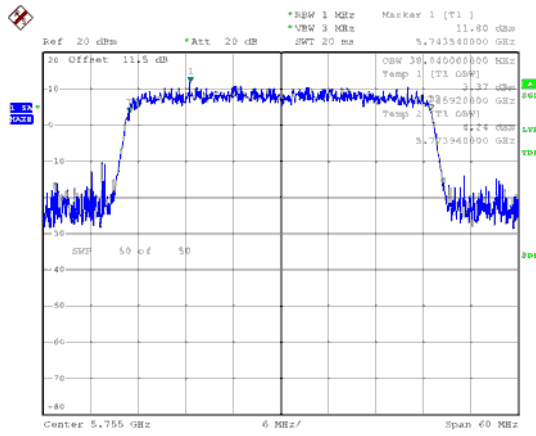
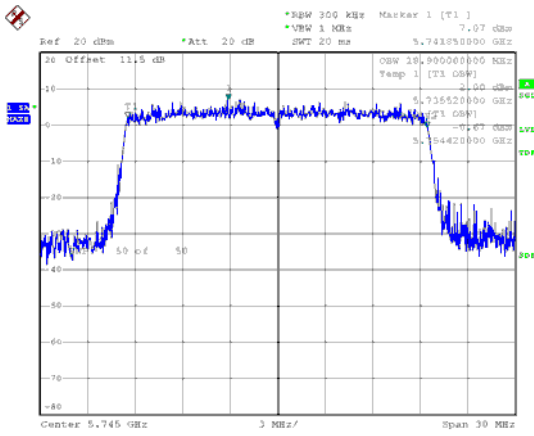
CH159





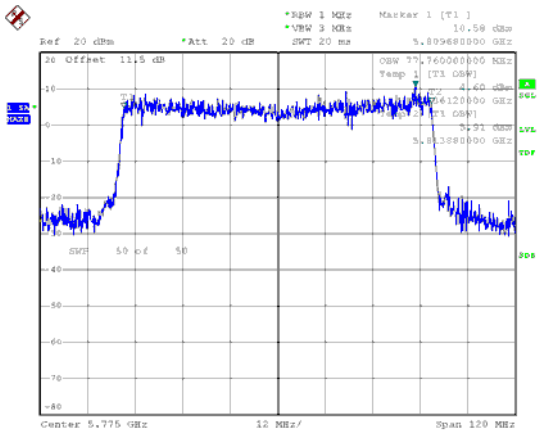
ANT B
99% Occupied Bandwidth
Modulation Type: 802. 11ax HE20 (7.3Mbps)
CH149

Modulation Type: 802. 11ax HE40 (14.6Mbps)
CH151





ANT B
99% Occupied Bandwidth
Modulation Type: 802. 11ax HE80 (30.6Mbps)
CH155



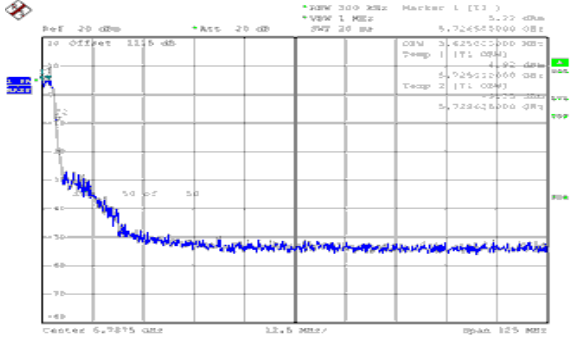


ANT A

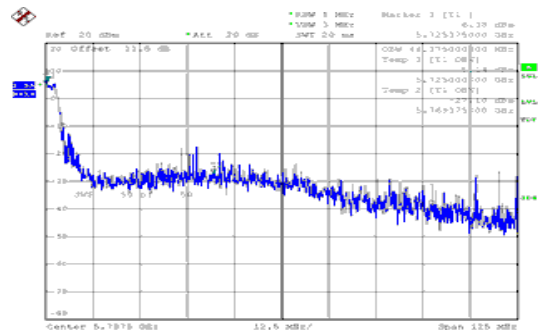
99% Occupied Bandwidth

Extends across 5725MHz Band, Straddle Channel

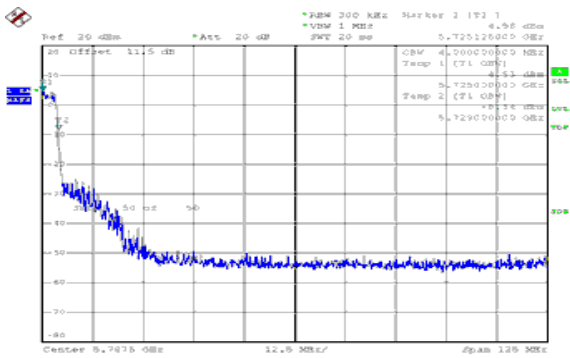
Modulation Type: 802.11a (6Mbps)
CH144



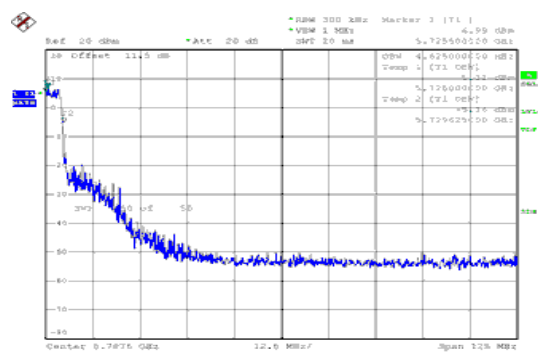
Modulation Type: 802.11ac, VHT80 (29.3Mbps)
CH138



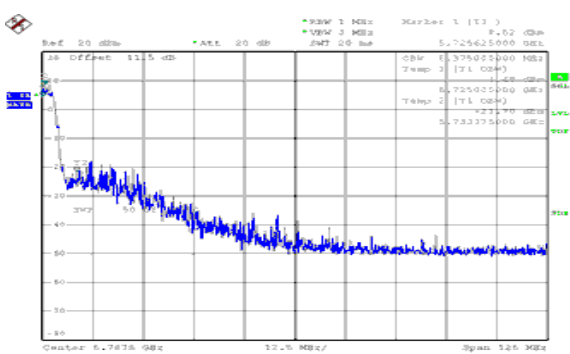
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH144



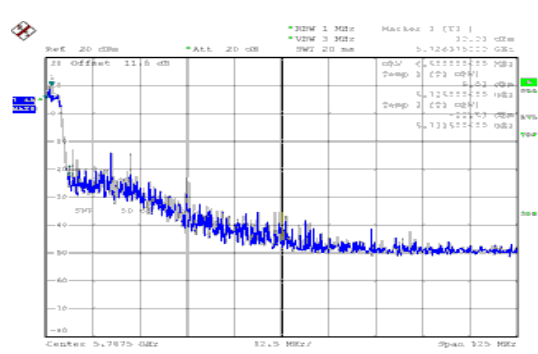
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH144



Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH142

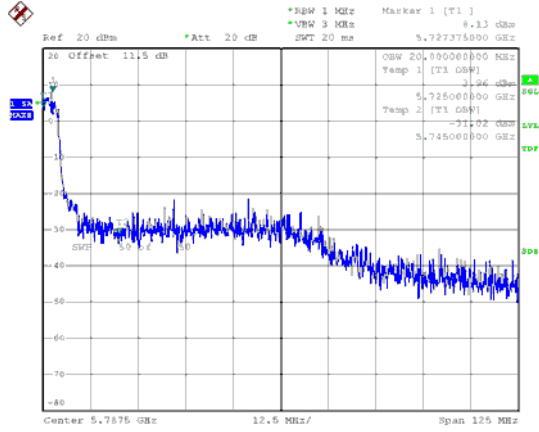


Modulation Type: 802.11ax HE40 (14.6Mbps)
CH142





ANT A
99% Occupied Bandwidth
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802. 11ax HE80 (30.6Mbps)
CH138



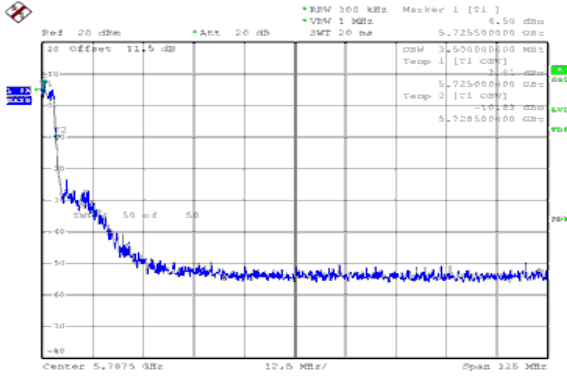


ANT B

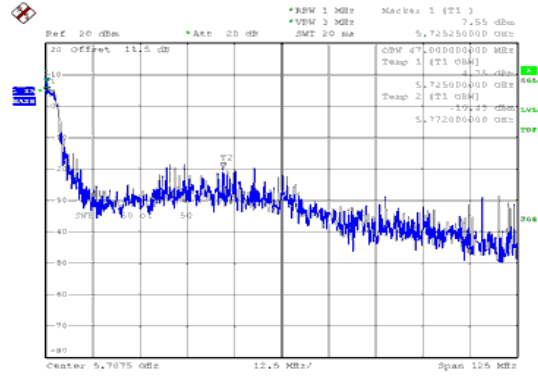
99% Occupied Bandwidth

Extends across 5725MHz Band, Straddle Channel

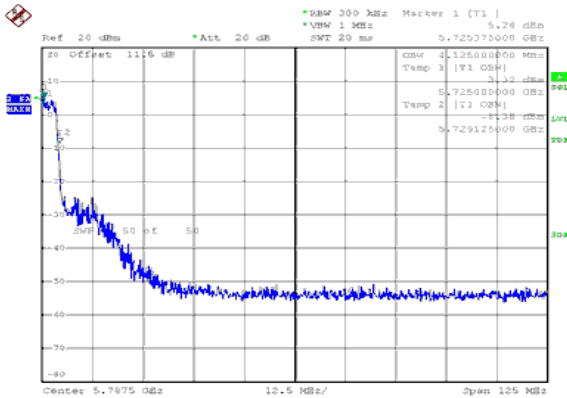
Modulation Type: 802.11a (6Mbps)
CH144



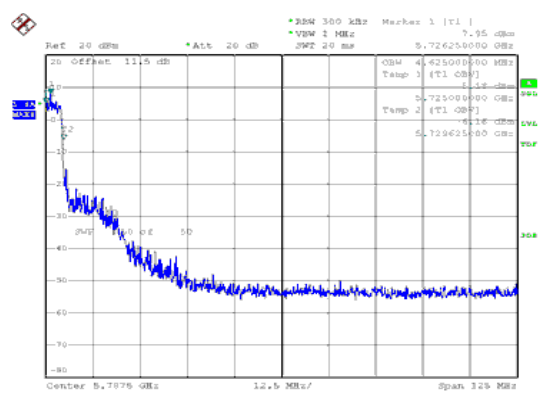
Modulation Type: 802.11ac, VHT80 (29.3Mbps)
CH138



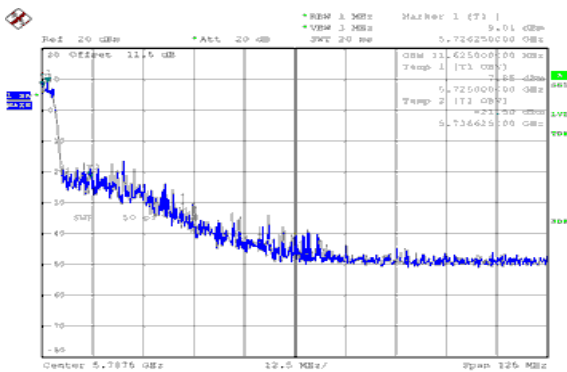
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH144



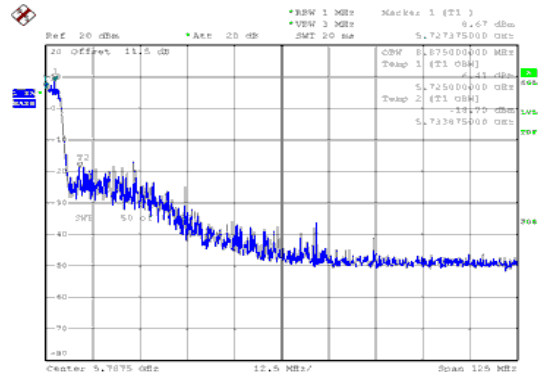
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH144



Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH142

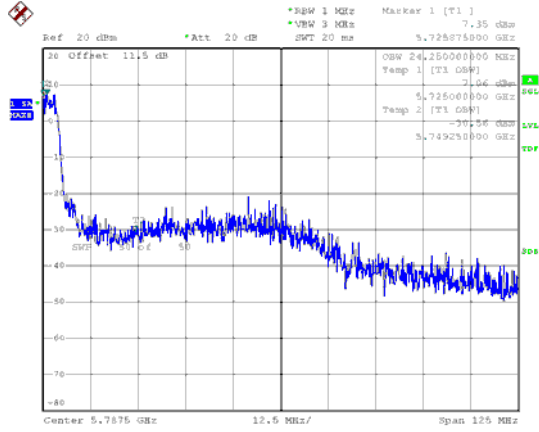


Modulation Type: 802.11ax HE40 (14.6Mbps)
CH142





ANT B
99% Occupied Bandwidth
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH138





9. 26dB Bandwidth & 99% Occupied Bandwidth

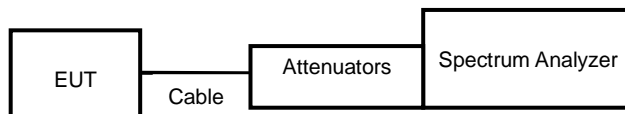
9.1. Test Limit

None; for reporting purposes only.

9.2. Test Procedure

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

9.3. Test Setup Layout





9.4. Test Result and Data

In the 5.2G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	36	5180	18.75	18.65
11a	40	5200	18.85	18.65
11a	48	5240	18.75	18.80
11ac VHT20	36	5180	19.90	19.70
11ac VHT20	40	5200	19.85	19.75
11ac VHT20	48	5240	19.90	19.80
11ac VHT40	38	5190	40.40	40.50
11ac VHT40	46	5230	69.70	63.80
11ac VHT80	42	5210	85.92	85.76
11ax HE20	36	5180	20.85	20.70
11ax HE20	40	5200	20.80	20.85
11ax HE20	48	5240	22.40	20.75
11ax HE40	38	5190	41.30	41.30
11ax HE40	46	5230	59.80	59.30
11ax HE80	42	5210	81.76	81.92

In the 5.3G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	52	5260	18.75	18.80
11a	60	5300	18.70	18.85
11a	64	5320	18.75	18.80
11ac VHT20	52	5260	19.95	19.95
11ac VHT20	60	5300	20.55	19.90
11ac VHT20	64	5320	19.80	19.70
11ac VHT40	54	5270	67.60	62.50
11ac VHT40	62	5310	40.50	40.40
11ac VHT80	58	5290	87.04	86.56
11ax HE20	52	5260	21.15	21.40
11ax HE20	60	5300	25.25	21.55
11ax HE20	64	5320	24.05	22.30
11ax HE40	54	5270	56.90	56.20
11ax HE40	62	5310	41.30	41.30
11ax HE80	58	5290	81.76	81.76



In the 5.5G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	100	5500	18.75	18.65
11a	116	5580	18.75	18.70
11a	140	5700	18.80	18.60
11ac VHT20	100	5500	19.75	19.65
11ac VHT20	116	5580	19.75	19.75
11ac VHT20	140	5700	19.75	19.65
11ac VHT40	102	5510	40.40	40.50
11ac VHT40	110	5550	40.70	41.40
11ac VHT40	134	5670	40.40	40.50
11ac VHT80	106	5530	86.56	86.56
11ac VHT80	122	5610	86.24	85.60
11ax HE20	100	5500	20.65	20.70
11ax HE20	116	5580	20.85	20.85
11ax HE20	140	5700	20.70	20.70
11ax HE40	102	5510	41.40	41.40
11ax HE40	110	5550	41.40	41.50
11ax HE40	134	5670	41.30	41.30
11ax HE80	106	5530	81.76	81.60
11ax HE80	122	5610	81.92	81.76

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	14.28	14.03
11ac VHT20	NSS1-MCS0	5720	14.53	14.79
11ac VHT40	NSS1-MCS0	5710	34.94	35.19
11ac VHT80	NSS1-MCS0	5690	130.05	130.31
11ax HE20	NSS1-MCS0	5720	15.05	15.30
11ax HE40	NSS1-MCS0	5710	38.25	38.76
11ax HE80	NSS1-MCS0	5690	75.48	75.74



In the 5.2G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	36	5180	16.44	16.41
11a	40	5200	16.44	16.41
11a	48	5240	16.47	16.41
11ac VHT20	36	5180	17.61	17.64
11ac VHT20	40	5200	17.61	17.61
11ac VHT20	48	5240	17.61	17.61
11ac VHT40	38	5190	36.42	36.42
11ac VHT40	46	5230	36.66	36.60
11ac VHT80	42	5210	76.32	76.32
11ax HE20	36	5180	18.93	18.93
11ax HE20	40	5200	18.96	18.93
11ax HE20	48	5240	18.99	18.96
11ax HE40	38	5190	37.98	38.04
11ax HE40	46	5230	38.22	38.22
11ax HE80	42	5210	77.52	77.52

In the 5.3G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	52	5260	16.47	16.44
11a	60	5300	16.47	16.41
11a	64	5320	16.47	16.44
11ac VHT20	52	5260	17.61	17.61
11ac VHT20	60	5300	17.64	17.64
11ac VHT20	64	5320	17.58	17.61
11ac VHT40	54	5270	36.66	36.66
11ac VHT40	62	5310	36.36	36.36
11ac VHT80	58	5290	76.32	76.20
11ax HE20	52	5260	18.96	18.96
11ax HE20	60	5300	19.02	18.99
11ax HE20	64	5320	19.05	18.99
11ax HE40	54	5270	38.22	38.22
11ax HE40	62	5310	37.98	37.98
11ax HE80	58	5290	77.40	77.52



In the 5.5G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	100	5500	16.41	16.44
11a	116	5580	16.47	16.44
11a	140	5700	16.41	16.44
11ac VHT20	100	5500	17.58	17.58
11ac VHT20	116	5580	17.58	17.64
11ac VHT20	140	5700	17.58	17.58
11ac VHT40	102	5510	36.30	36.36
11ac VHT40	110	5550	36.42	36.42
11ac VHT40	134	5670	36.36	36.42
11ac VHT80	106	5530	76.20	76.32
11ac VHT80	122	5610	76.32	76.32
11ax HE20	100	5500	18.96	18.93
11ax HE20	116	5580	18.93	18.96
11ax HE20	140	5700	18.90	18.93
11ax HE40	102	5510	37.98	37.98
11ax HE40	110	5550	38.04	38.04
11ax HE40	134	5670	37.98	37.98
11ax HE80	106	5530	77.52	77.28
11ax HE80	122	5610	77.40	77.64

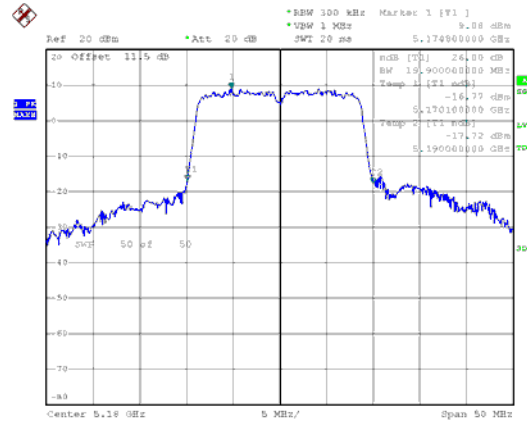
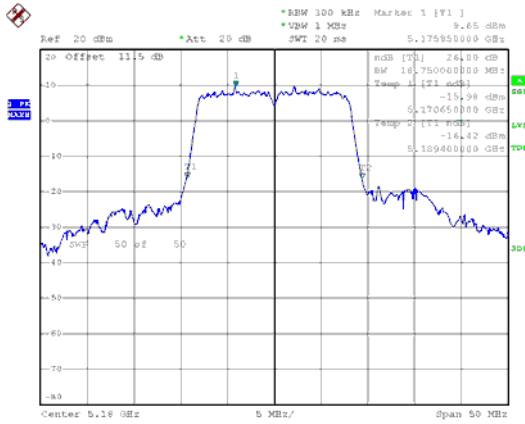
UNII Emission Bandwidth Result (Within 5470-5725MHz band)

Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	6 Mbps	5720	13.26	13.26
11ac VHT20	NSS1-MCS0	5720	13.77	13.77
11ac VHT40	NSS1-MCS0	5710	33.41	33.15
11ac VHT80	NSS1-MCS0	5690	72.93	73.19
11ax HE20	NSS1-MCS0	5720	14.54	14.54
11ax HE40	NSS1-MCS0	5710	34.17	34.17
11ax HE80	NSS1-MCS0	5690	73.95	73.70



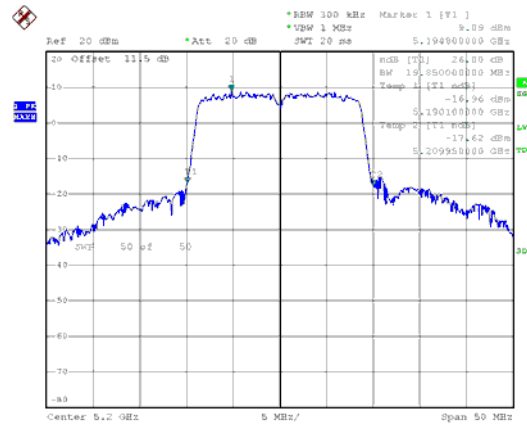
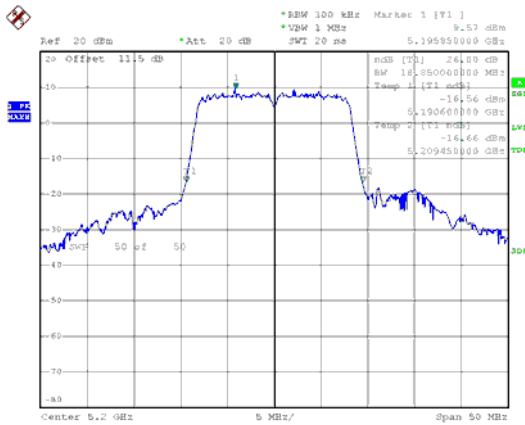
ANT A
26dB Bandwidth Band 1
Modulation Type: 802.11a (6Mbps)
CH36

Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH36



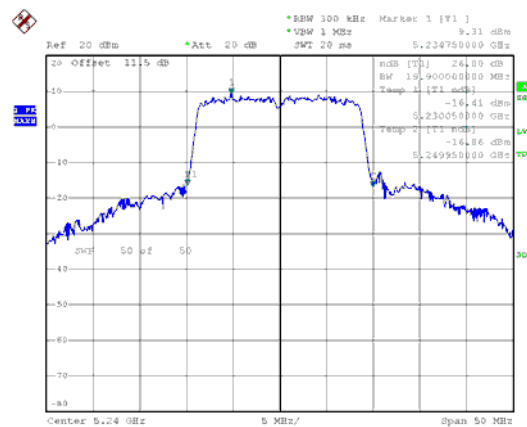
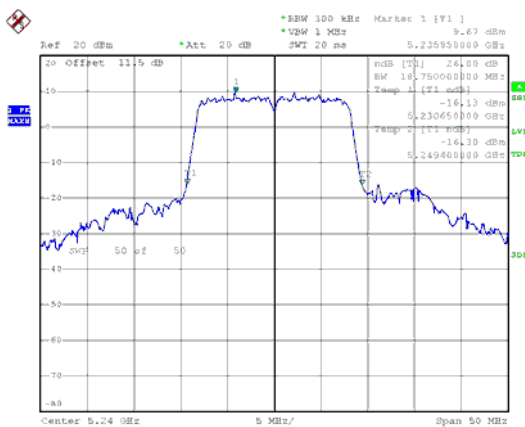
CH40

CH40



CH48

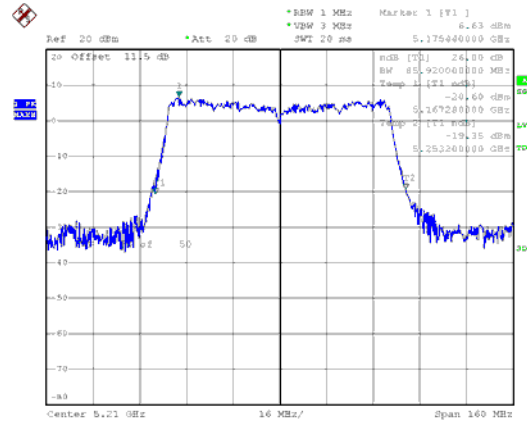
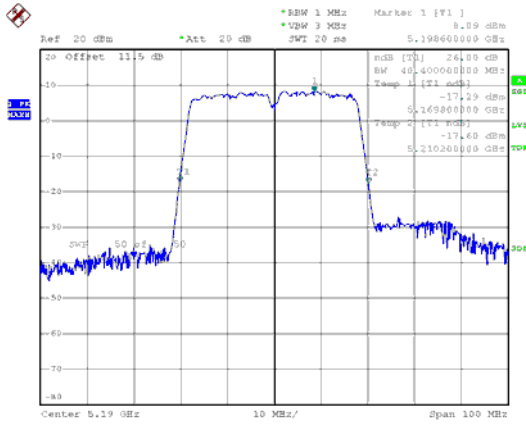
CH48



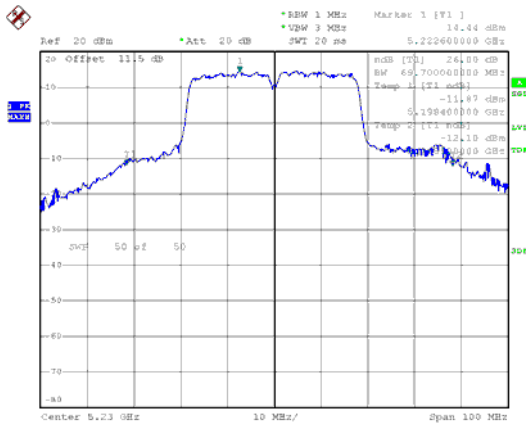


ANT A
26dB Bandwidth,
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH38

Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH42



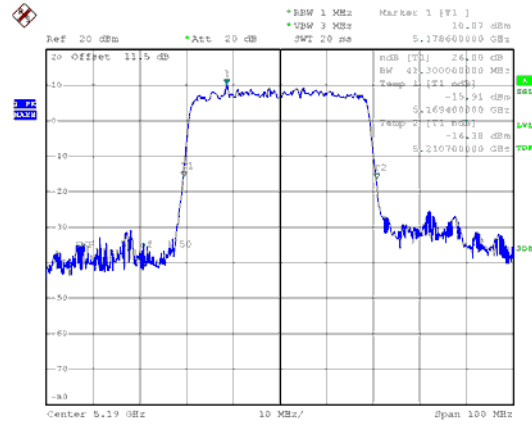
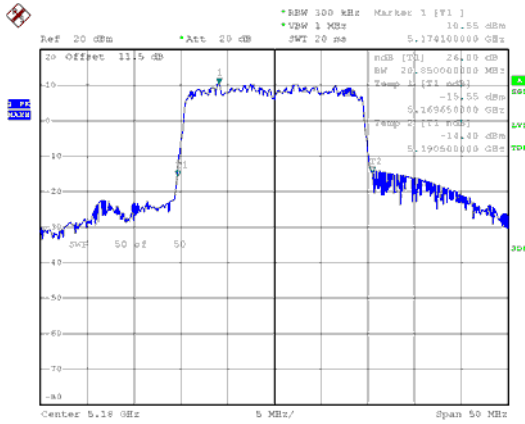
CH46



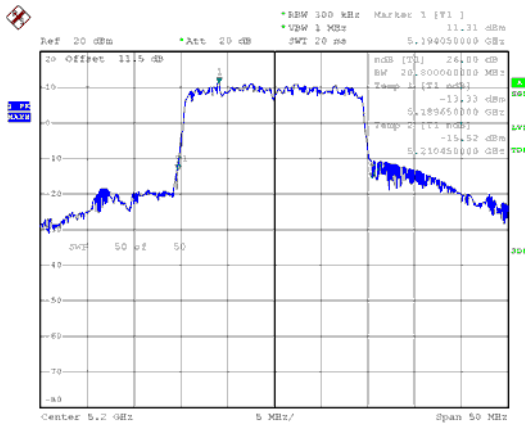


ANT A
26dB Bandwidth Band 1
Modulation Type: 802.11ax HE20(7.3Mbps)
CH36

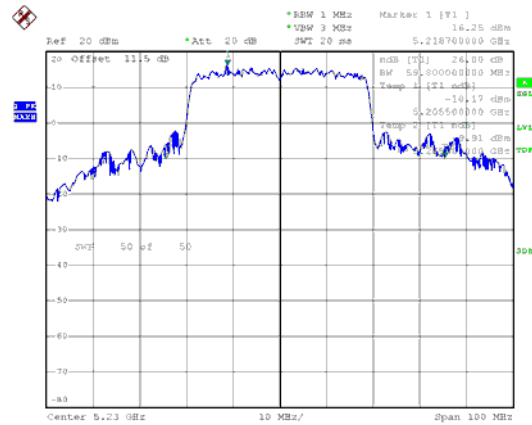
Modulation Type: 802.11ax HE40(14.6Mbps)
CH38



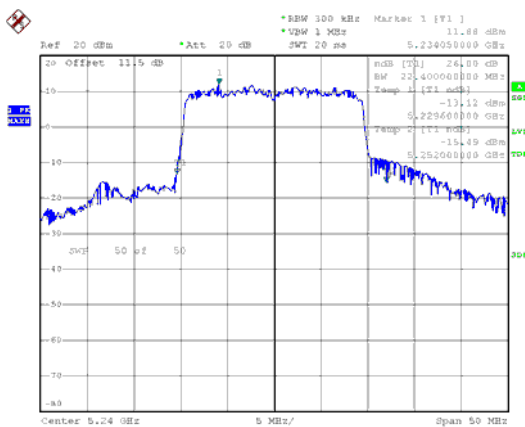
CH40



CH46

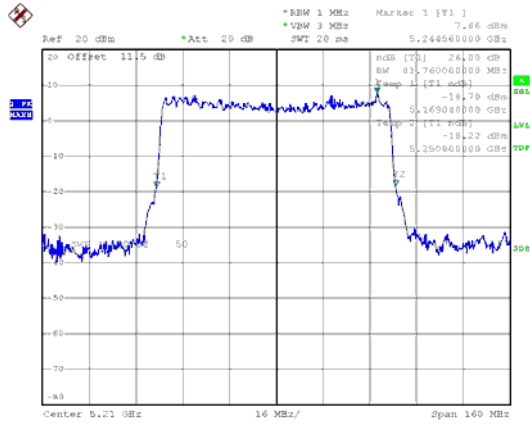


CH48





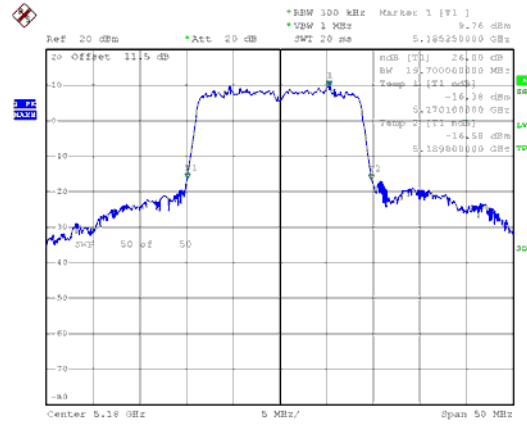
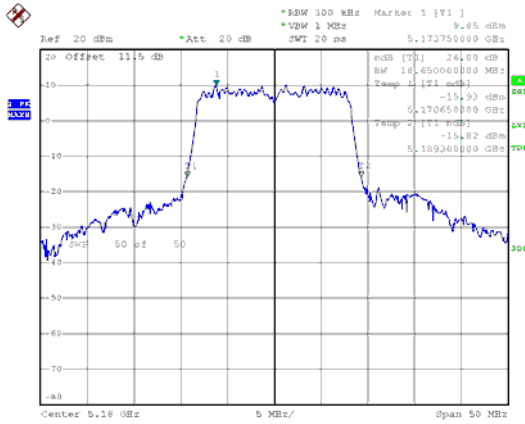
ANT A
26dB Bandwidth, Band 1
Modulation Type: 802.11ax HE80(30.6Mbps)
CH42





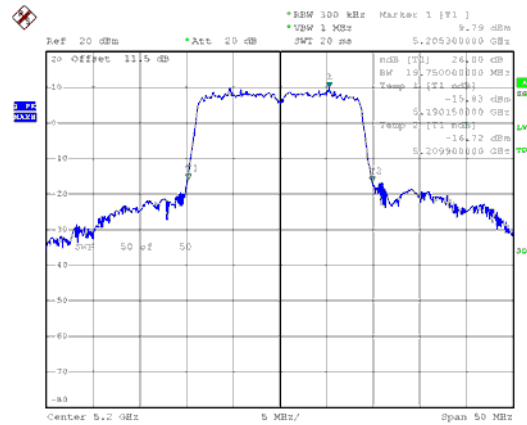
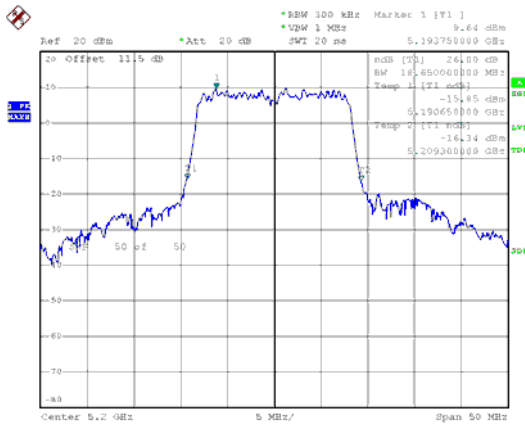
ANT B
26dB Bandwidth, Band 1
Modulation Type: 802.11a (6Mbps)
CH36

Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH36



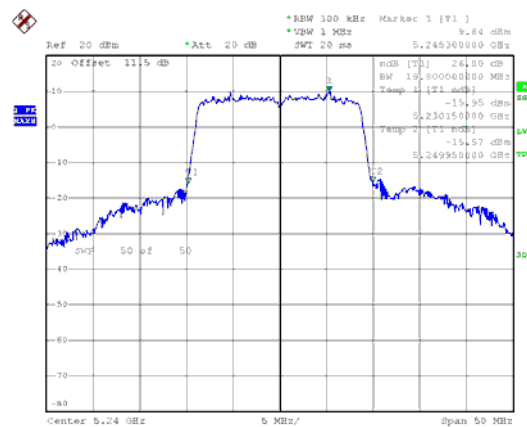
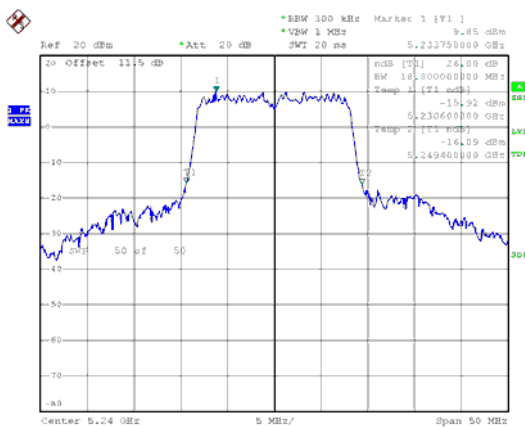
CH40

CH40



CH48

CH48

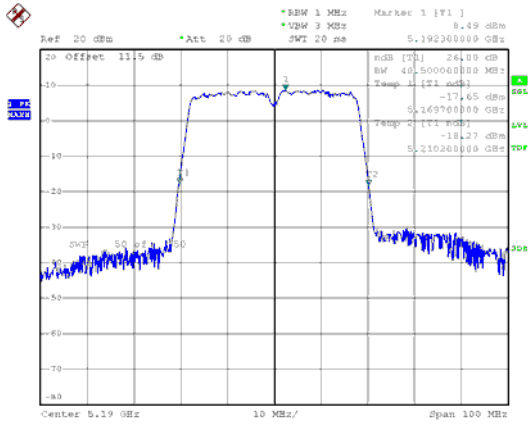




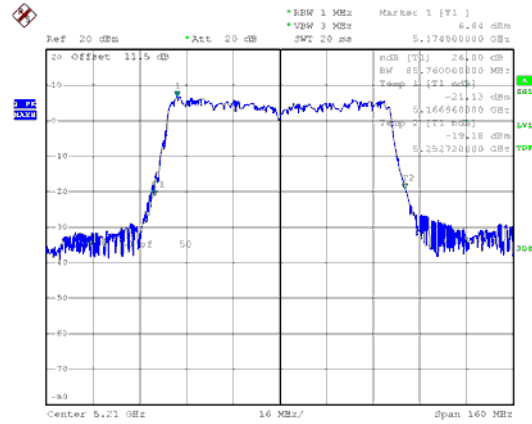
ANT B

26dB Bandwidth, Band 1

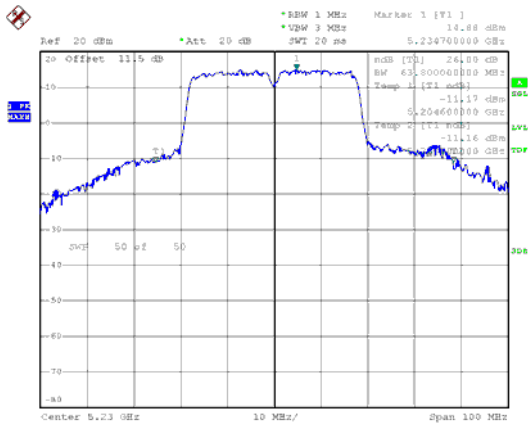
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH38



Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH42



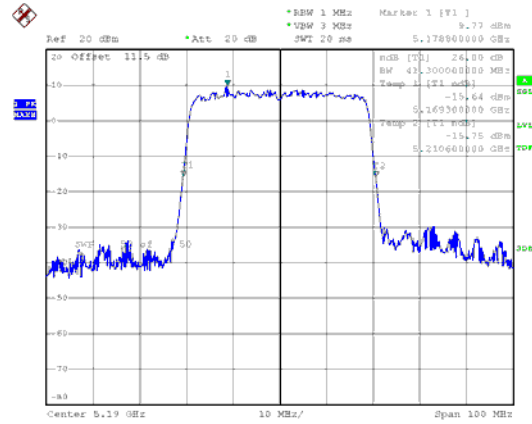
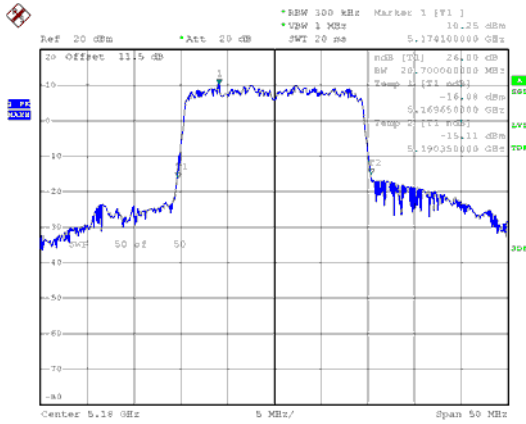
CH46



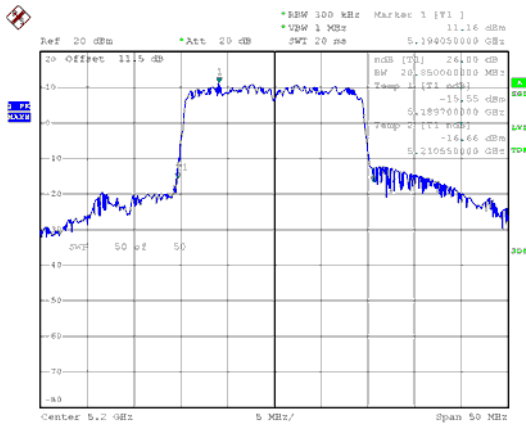


ANT B
26dB Bandwidth, Band 1
Modulation Type: 802.11ax HE20(7.3Mbps)
CH36

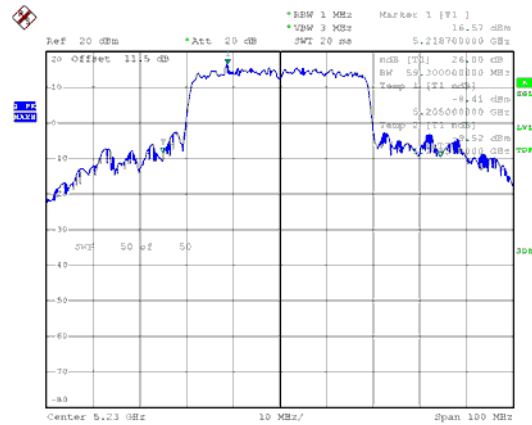
Modulation Type: 802.11ax HE40(14.6Mbps)
CH38



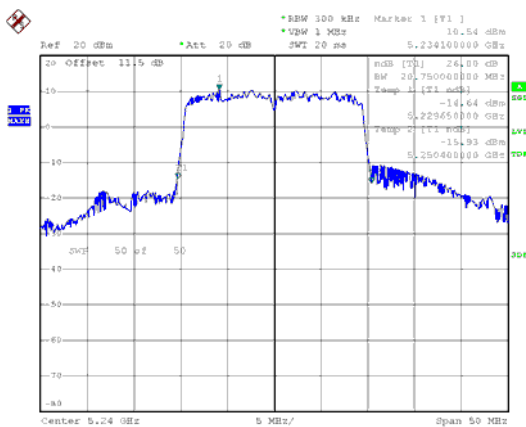
CH40



CH46

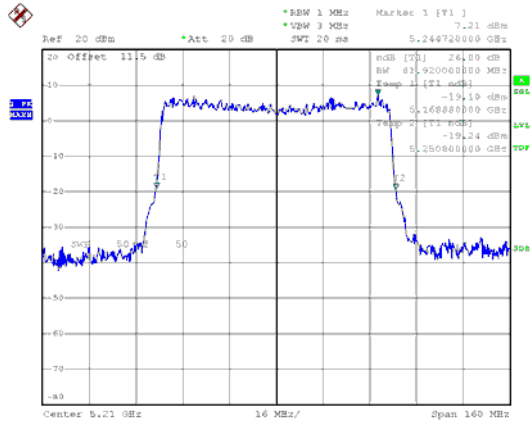


CH48





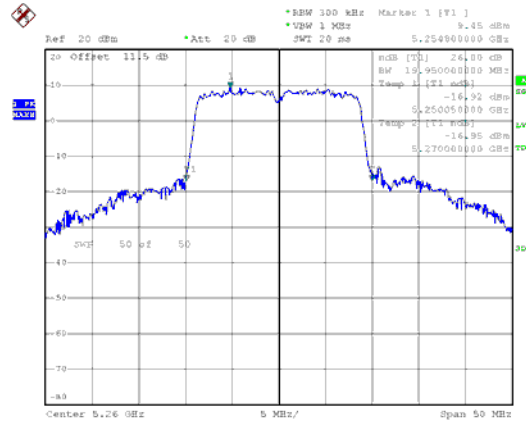
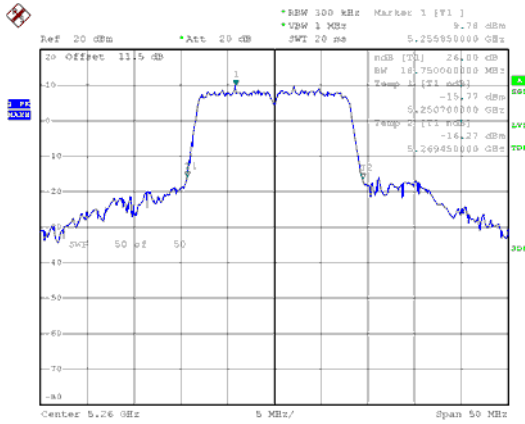
ANT B
26dB Bandwidth, Band 1
Modulation Type: 802.11ax HE80(30.6Mbps)
CH42





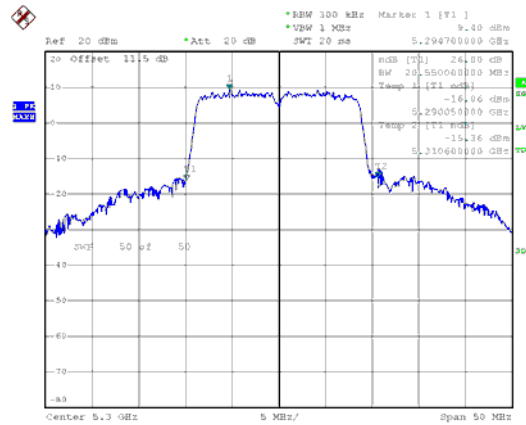
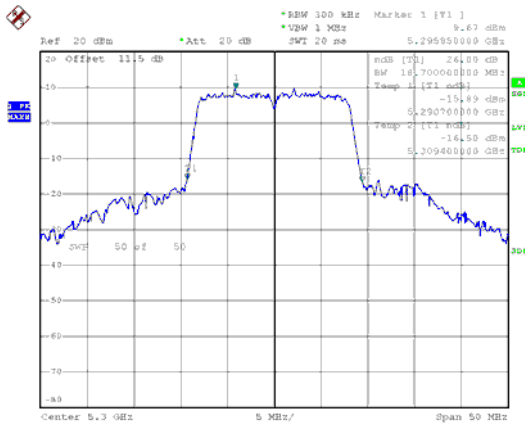
ANT A
26dB Bandwidth, Band 2
Modulation Type: 802.11a (6Mbps)
CH52

Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH52



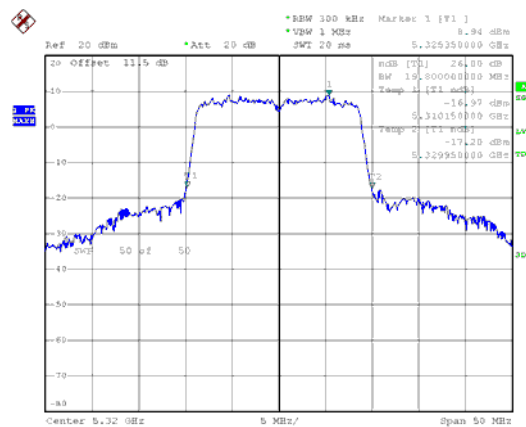
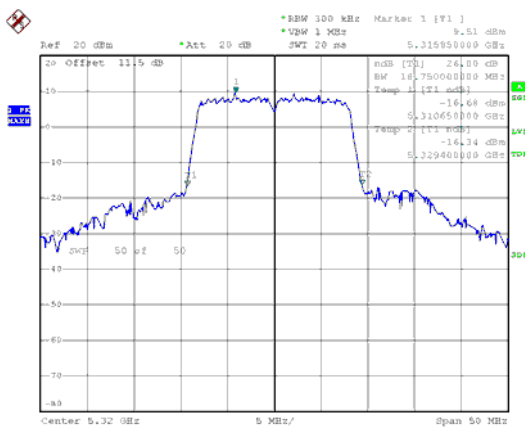
CH60

CH60



CH64

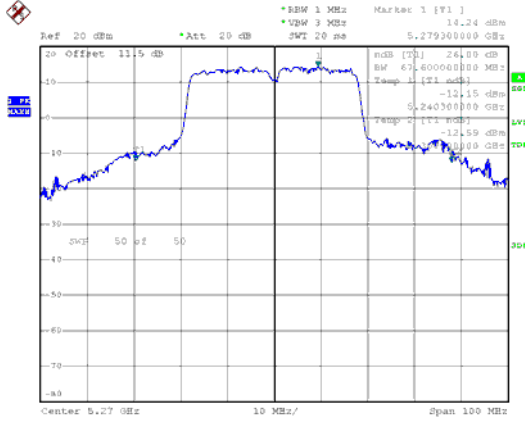
CH64



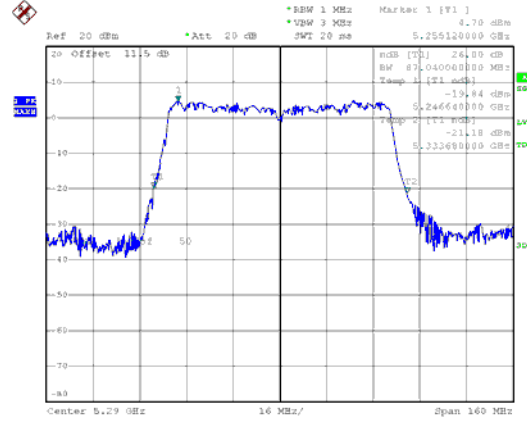


ANT A
26dB Bandwidth Band 2

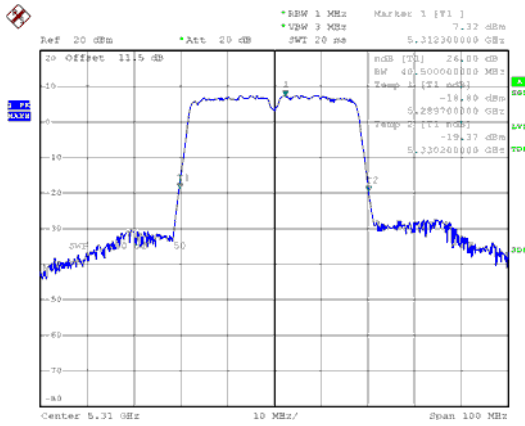
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH54



Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH58

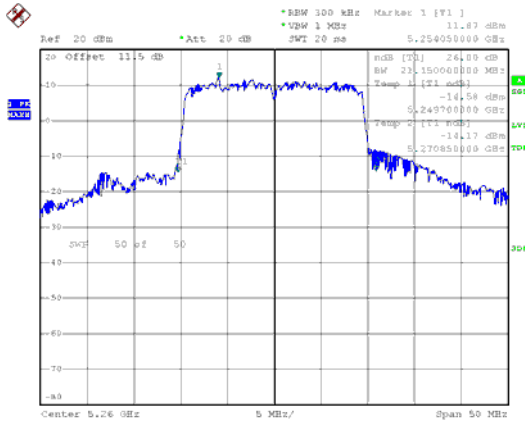


CH62

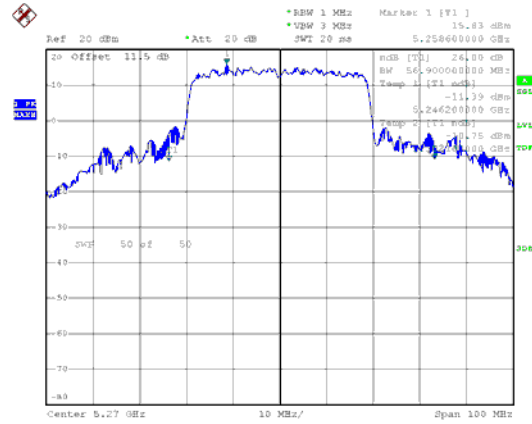




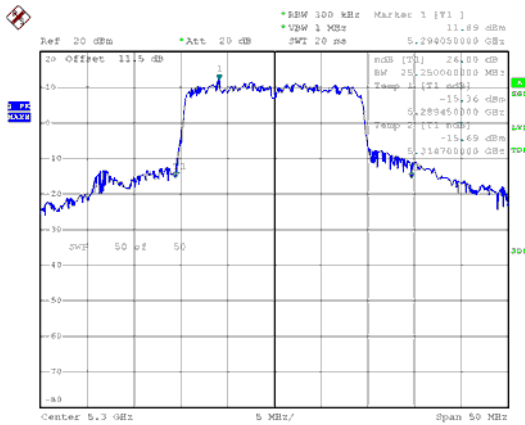
ANT A
26dB Bandwidth Band 2
Modulation Type: 802.11ax HE20(7.3Mbps)
CH52



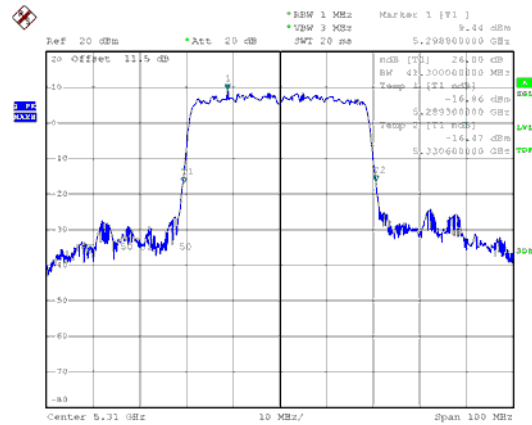
Modulation Type: 802.11ax HE40(14.6Mbps)
CH54



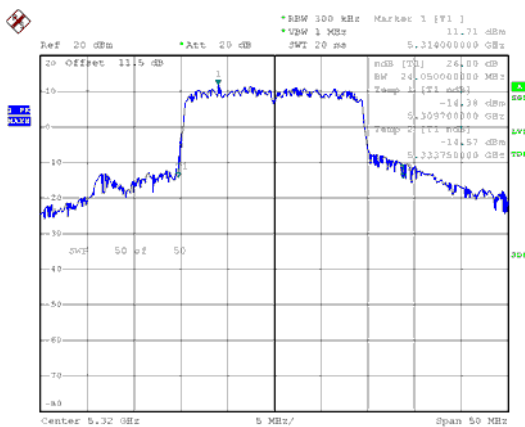
CH60



CH62

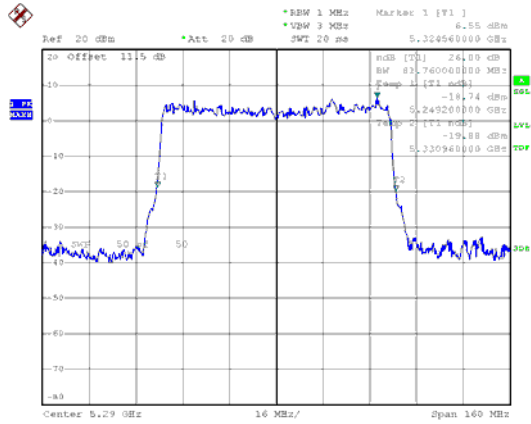


CH64





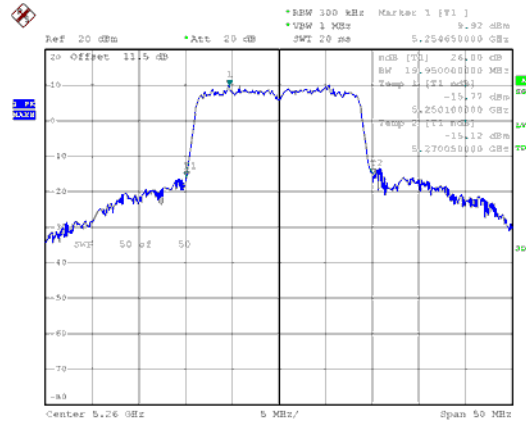
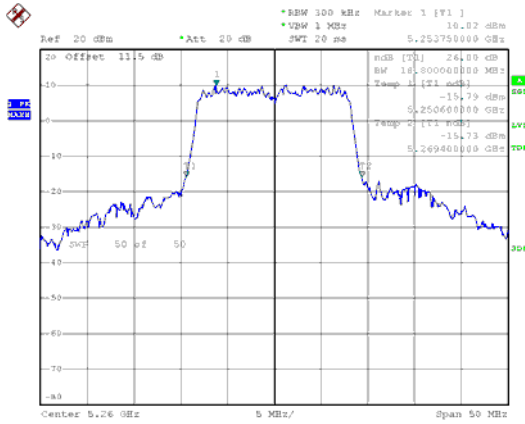
ANT A
26dB Bandwidth Band 2
Modulation Type: 802.11ax HE80(30.6Mbps)
CH58





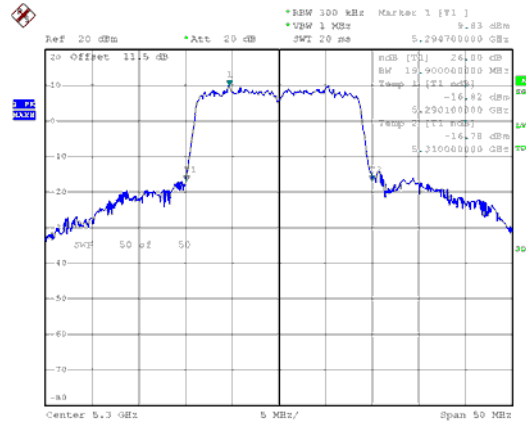
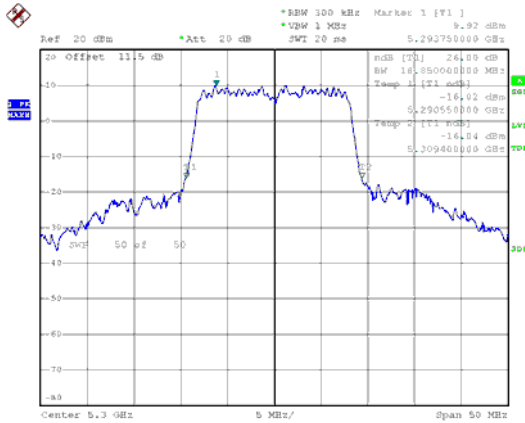
ANT B
26dB Bandwidth, Band 2
Modulation Type: 802.11a (6Mbps)
CH52

Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH52



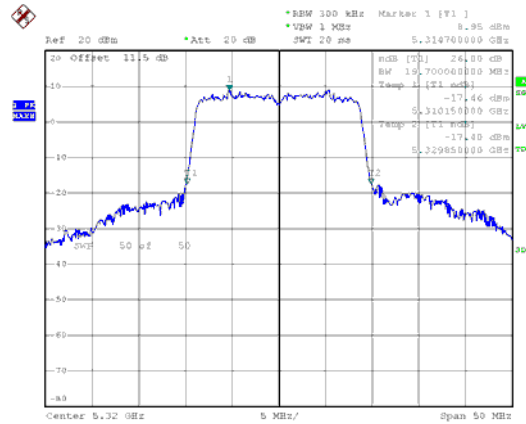
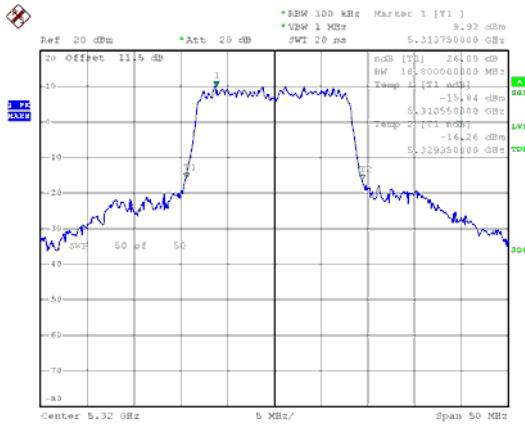
CH60

CH60



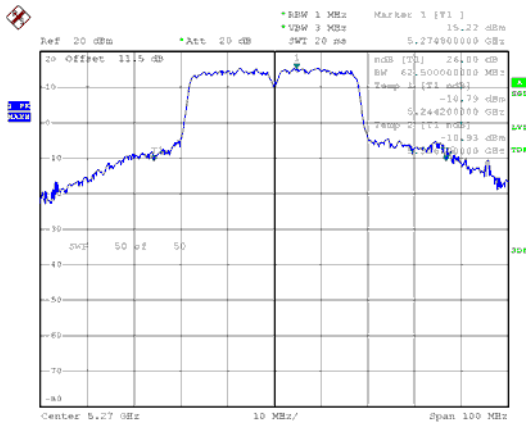
CH64

CH64

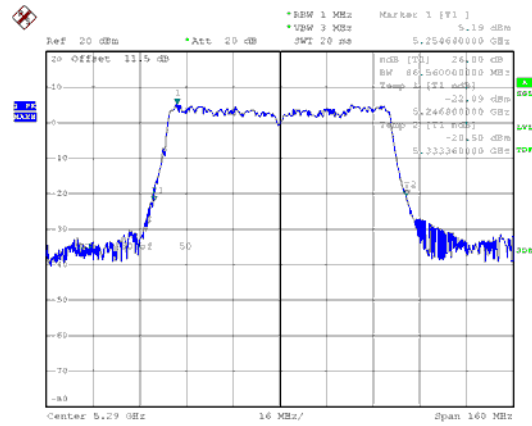




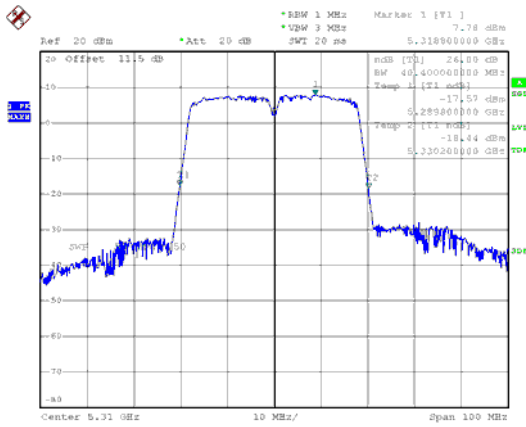
ANT B
26dB Bandwidth, Band 2
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH54



Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH58

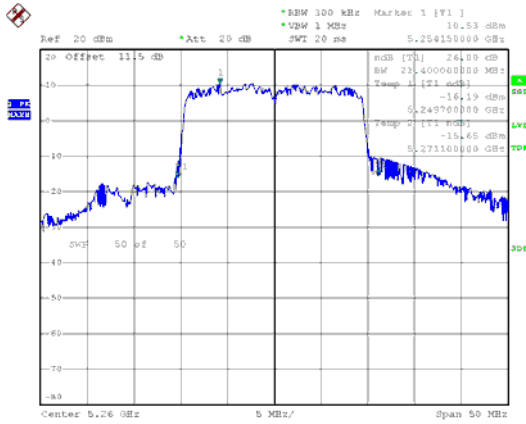


CH62

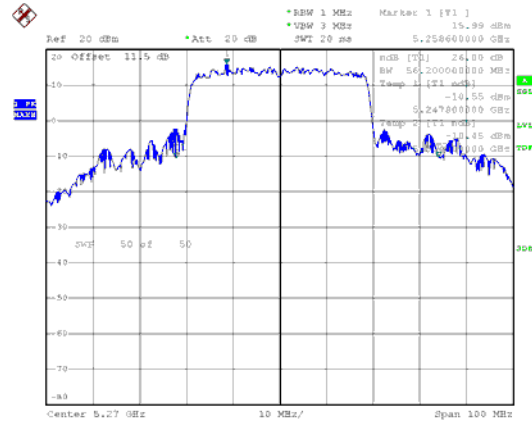




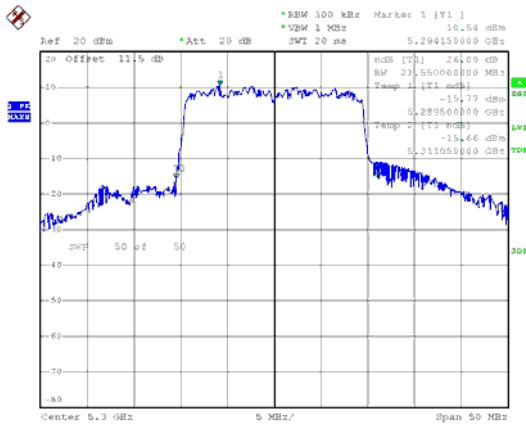
ANT B
26dB Bandwidth, Band 2
Modulation Type: 802.11ax HE20(7.3Mbps)
CH52



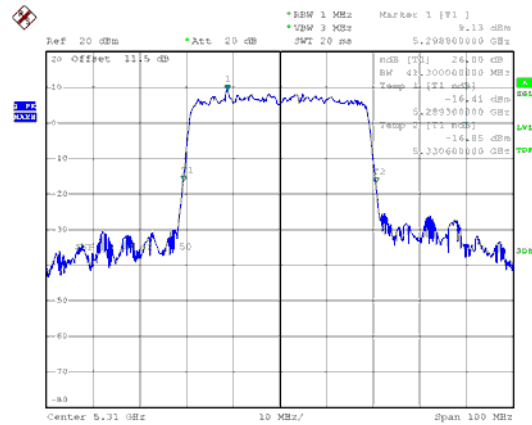
Modulation Type: 802.11ax HE40(14.6Mbps)
CH54



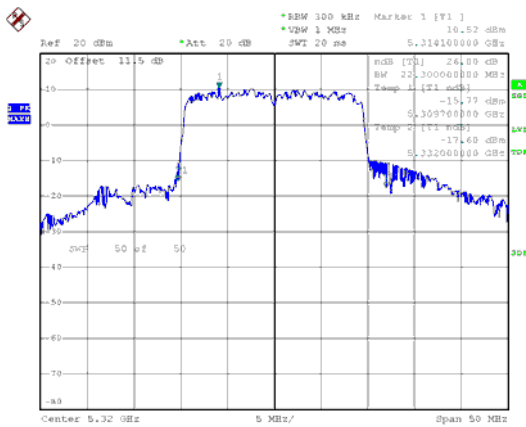
CH60



CH62

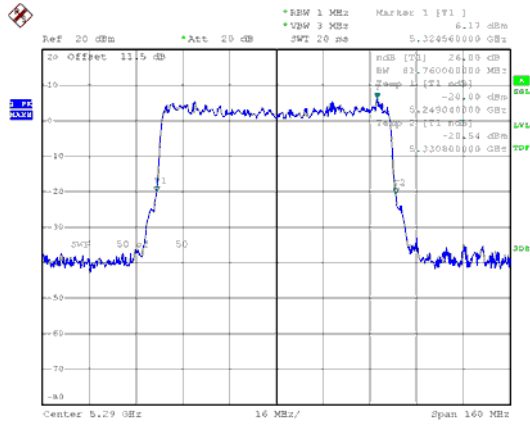


CH64





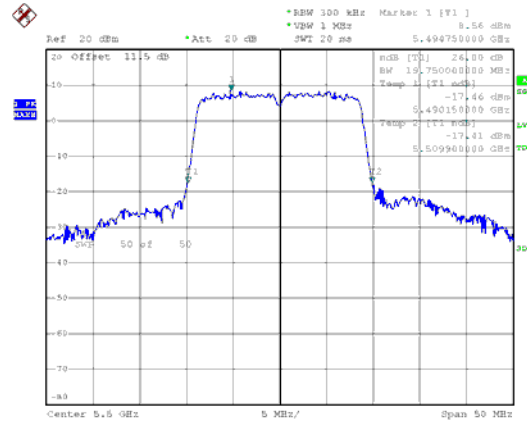
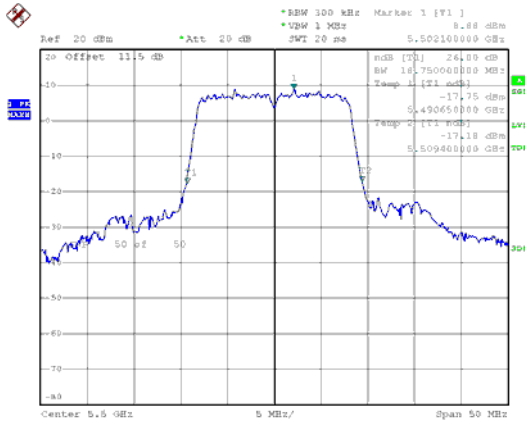
ANT B
26dB Bandwidth, Band 2
Modulation Type: 802.11ax HE80(30.6Mbps)
CH58





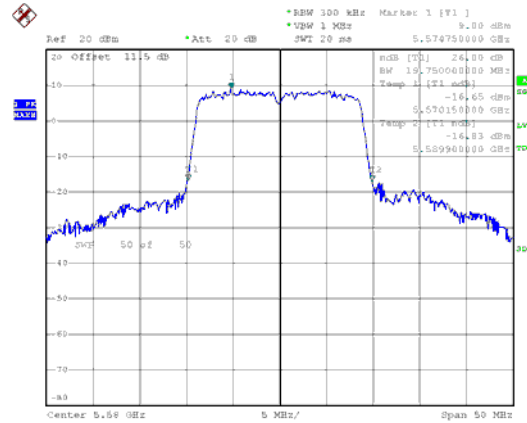
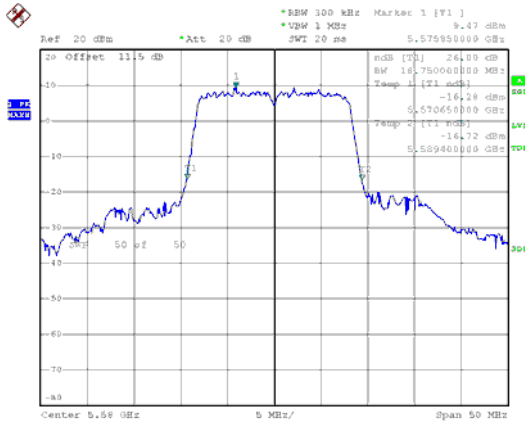
ANT A
26dB Bandwidth, Band 3
Modulation Type: 802.11a (6Mbps)
CH100

Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH100



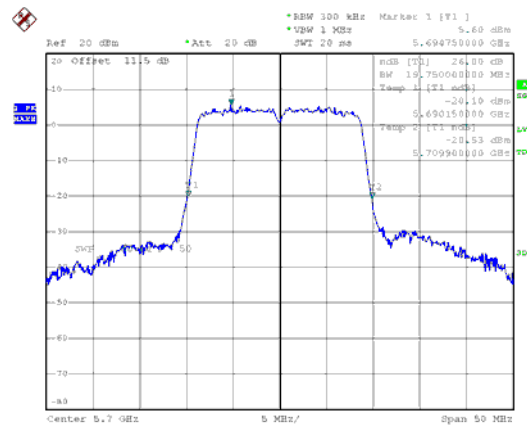
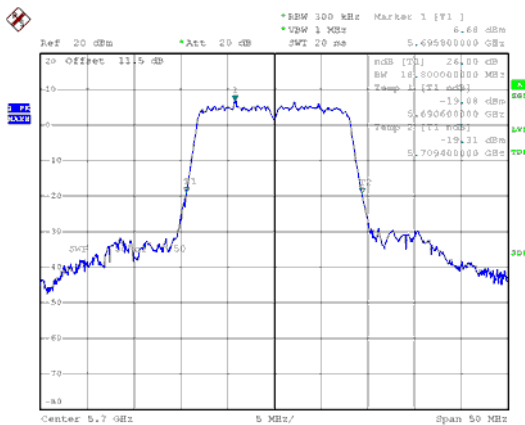
CH116

CH116



CH140

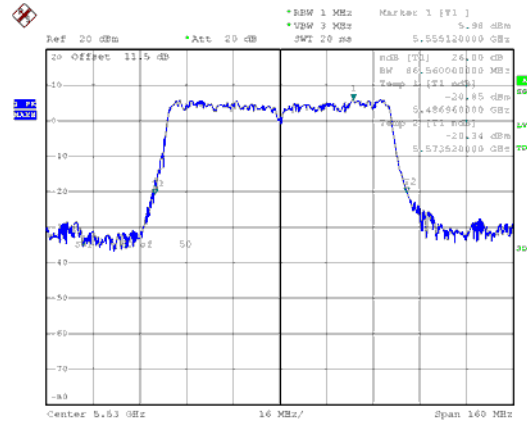
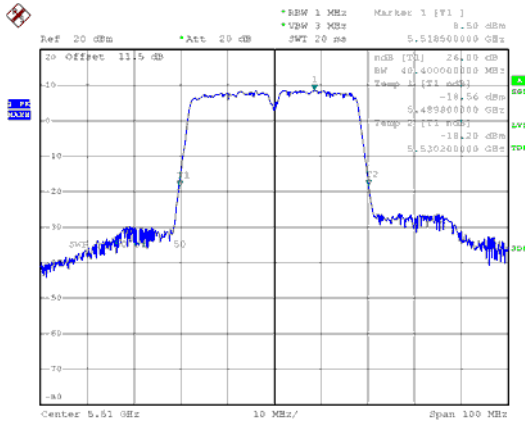
CH140



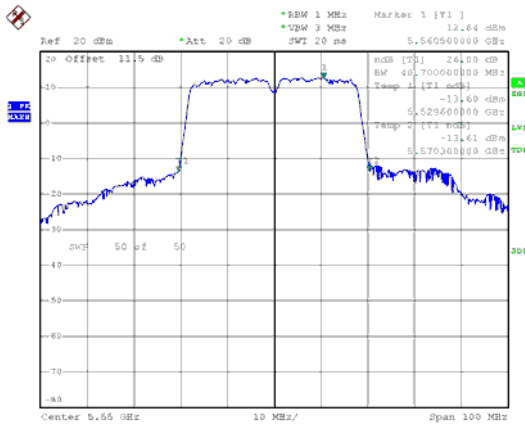


ANT A
26dB Bandwidth Band 3
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH102

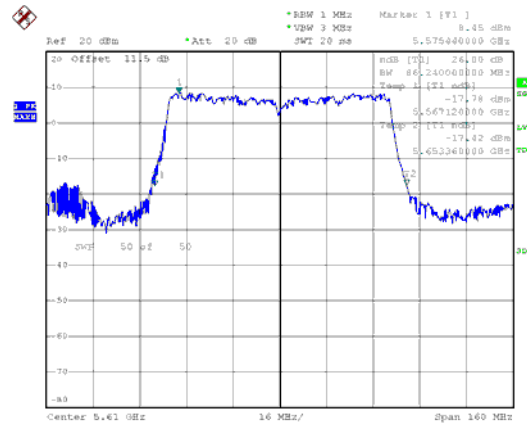
Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH106



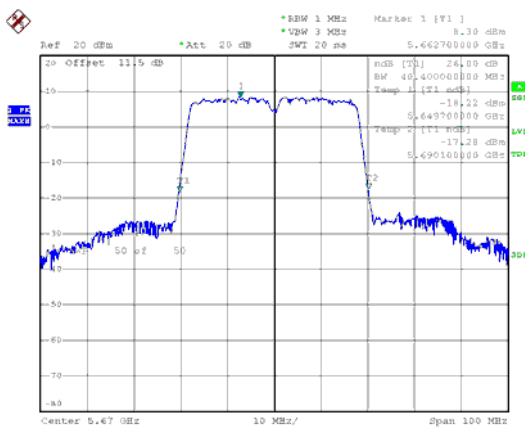
CH110



CH122



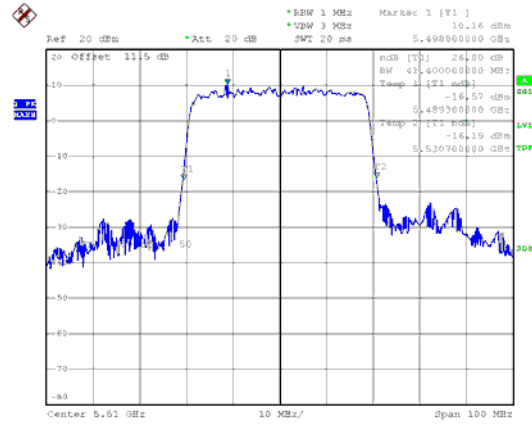
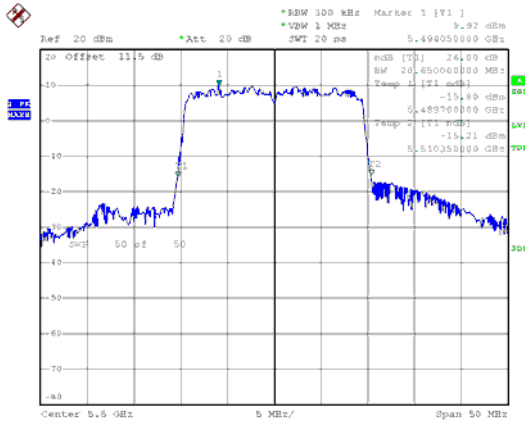
CH134



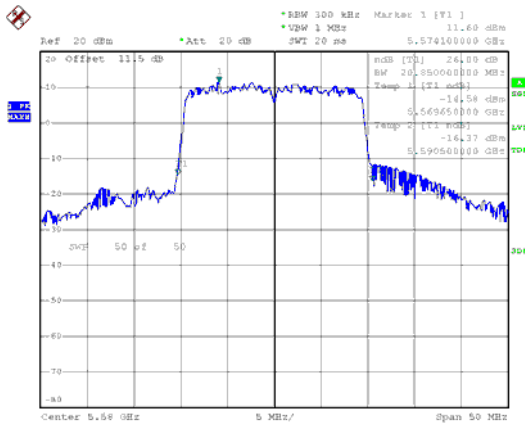


ANT A
26dB Bandwidth Band 3
Modulation Type: 802.11ax HE20(7.3Mbps)
CH100

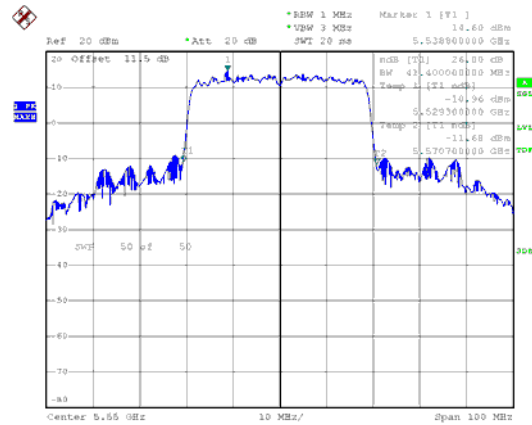
Modulation Type: 802.11ax HE40(14.6Mbps)
CH102



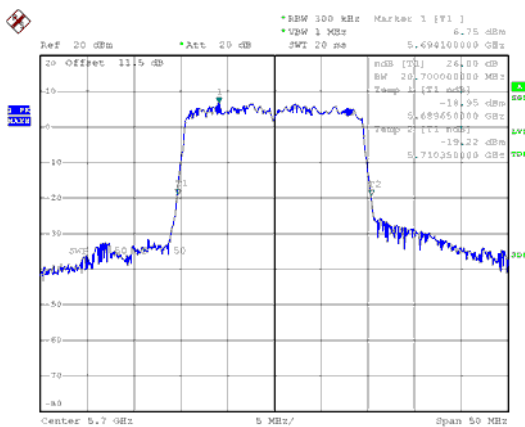
CH116



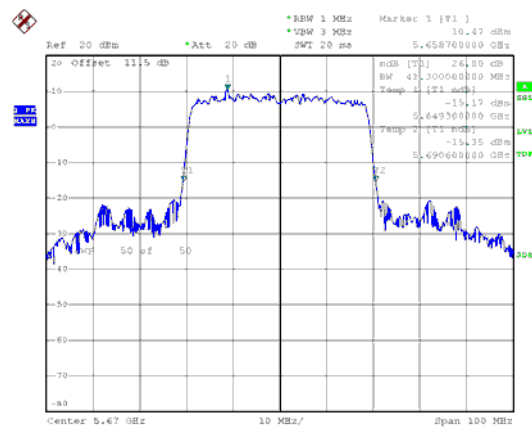
CH110



CH140

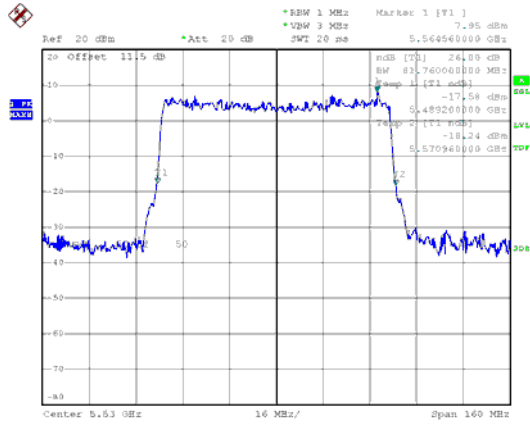


CH134

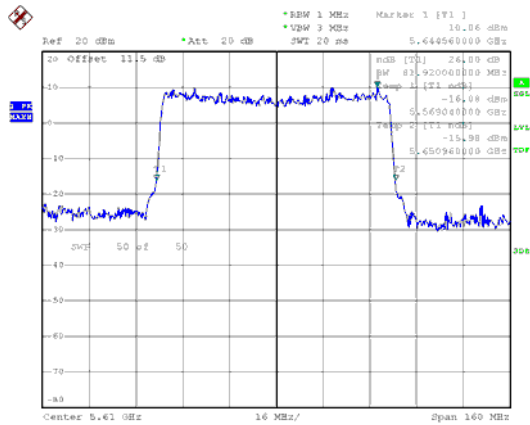




ANT A
26dB Bandwidth Band 3
Modulation Type: 802.11ax HE80(30.6Mbps)
CH106



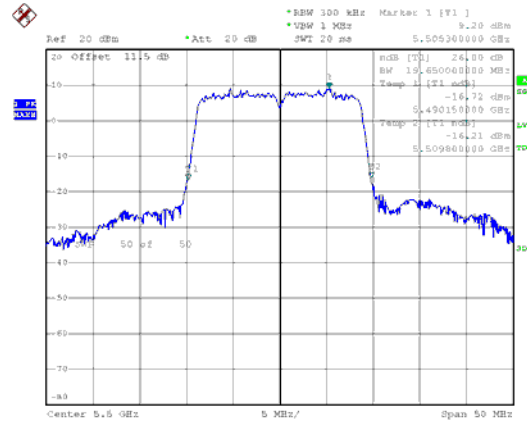
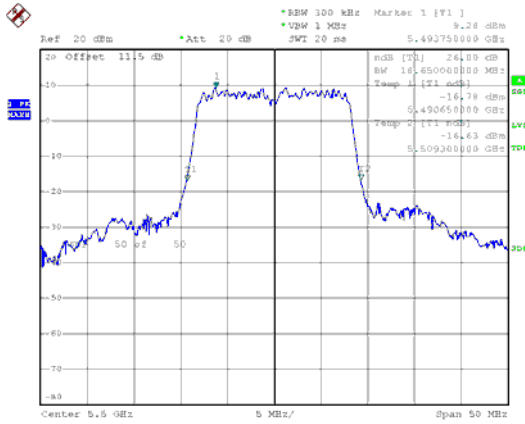
CH122





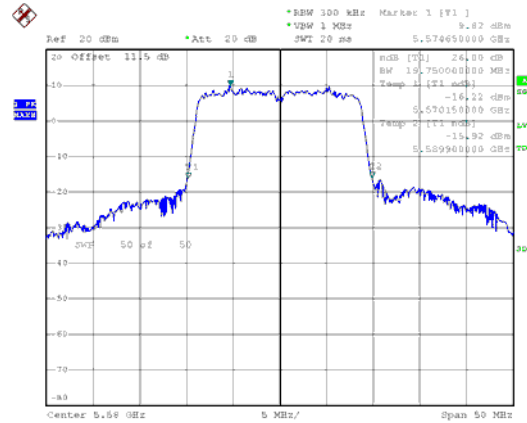
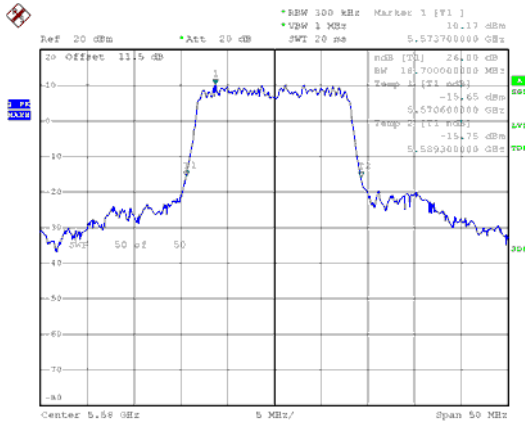
ANT B
26dB Bandwidth Band 3
Modulation Type: 802.11a (6Mbps)
CH100

Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH100



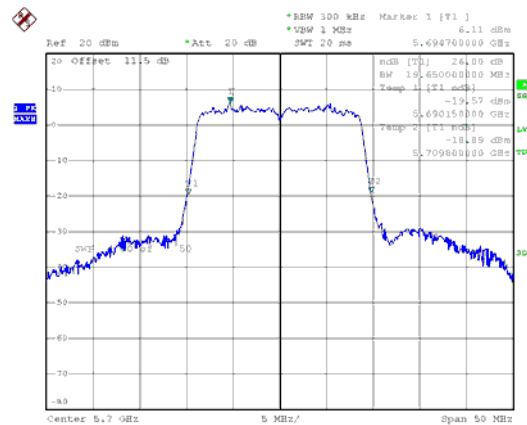
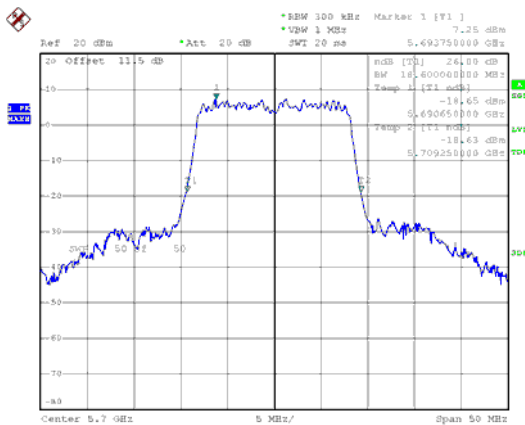
CH116

CH116



CH140

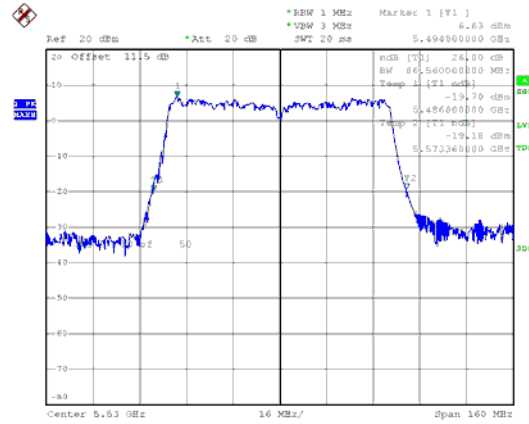
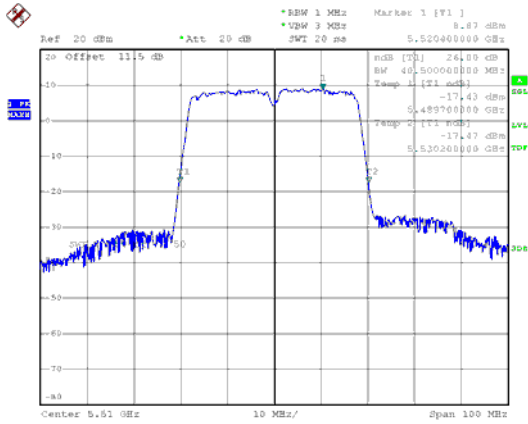
CH140



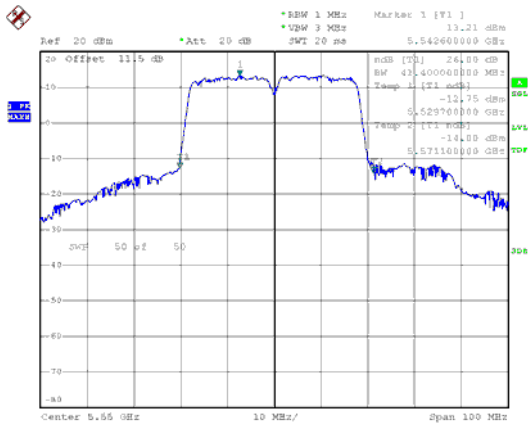


ANT B
26dB Bandwidth Band 3
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH102

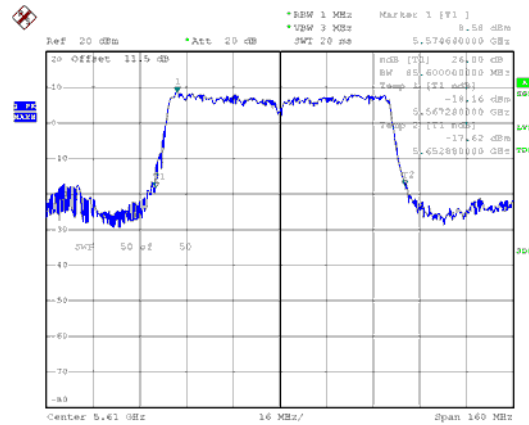
Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH106



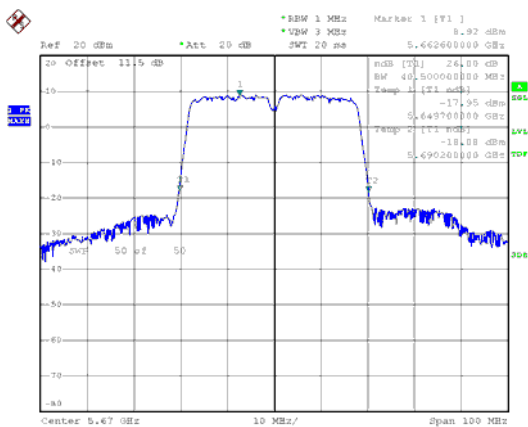
CH110



CH122



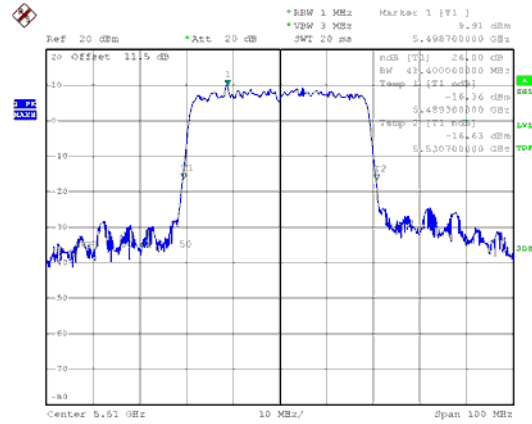
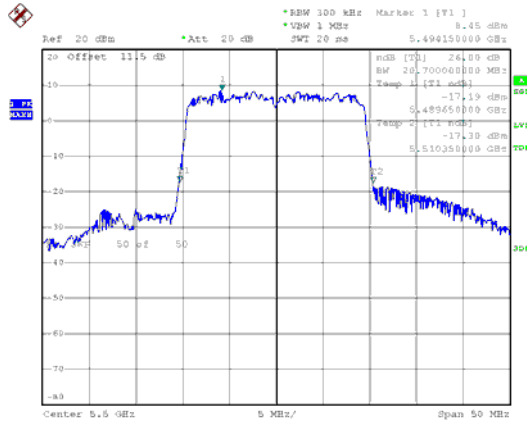
CH134



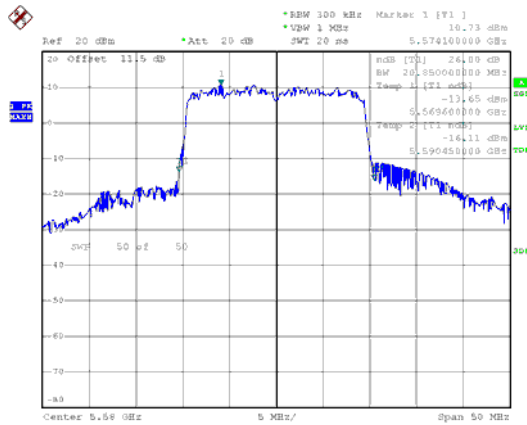


ANT B
26dB Bandwidth Band 3
Modulation Type: 802.11ax HE20(7.3Mbps)
CH100

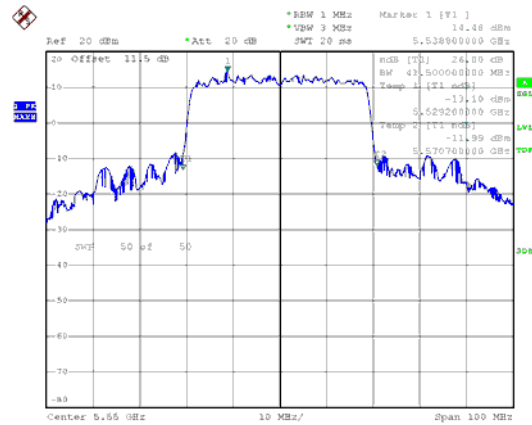
Modulation Type: 802.11ax HE40(14.6Mbps)
CH102



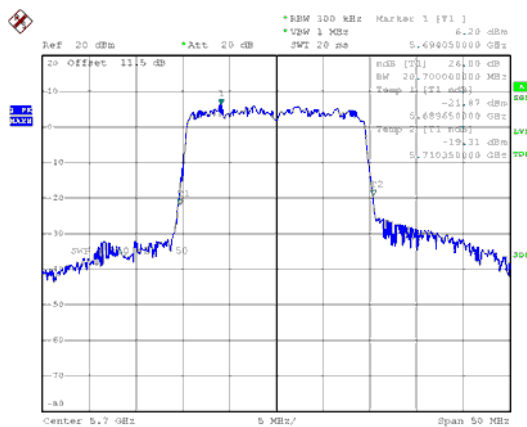
CH116



CH110



CH140



CH134

