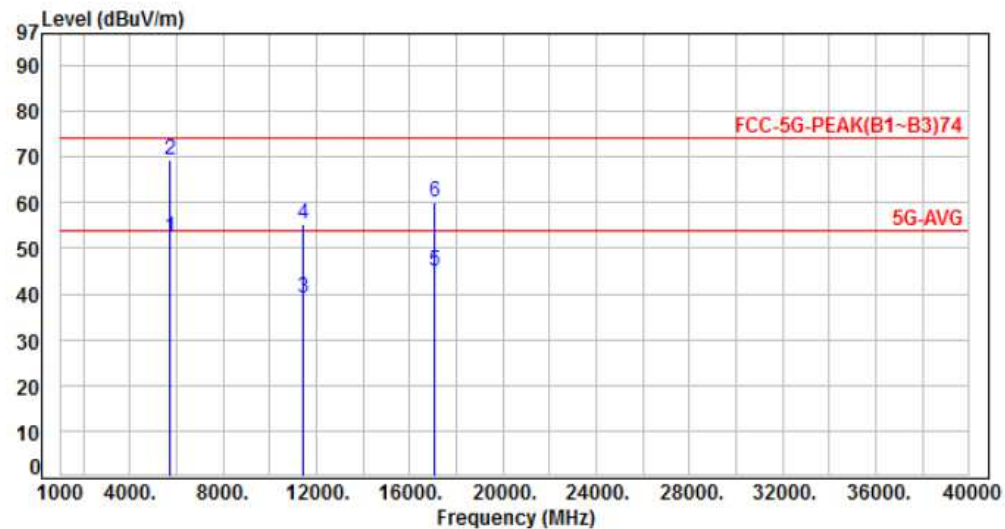




Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 3, CH140	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.12	64.47	52.35	54.00	-1.65	Average	230	134	P
2	5725.00	-12.12	81.32	69.20	74.00	-4.80	Peak	230	134	P
3	11400.00	-6.26	45.48	39.22	54.00	-14.78	Average	102	131	P
4	11400.00	-6.26	61.52	55.26	74.00	-18.74	Peak	102	131	P
5	17100.00	0.79	44.19	44.98	54.00	-9.02	Average	168	203	P
6	17100.00	0.79	59.24	60.03	74.00	-13.97	Peak	168	203	P

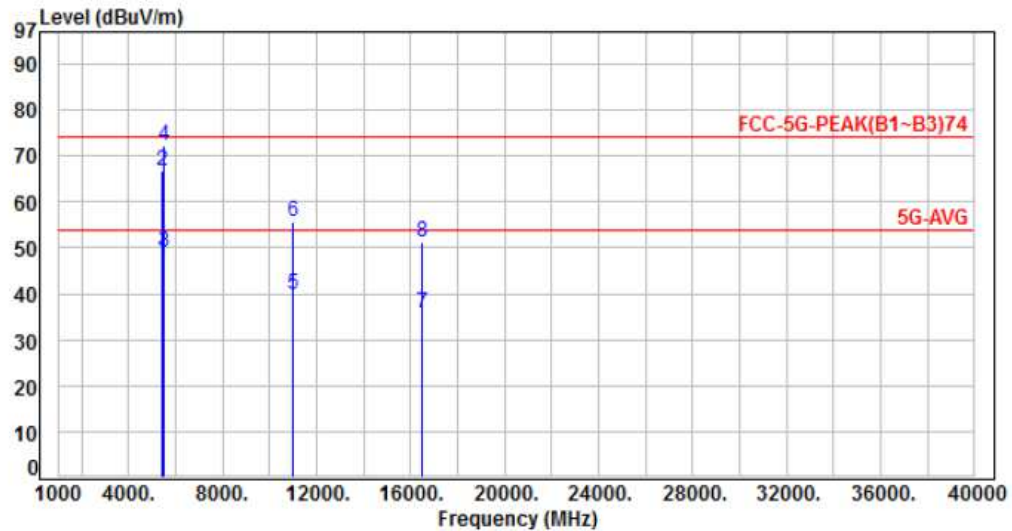
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 3, CH100	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	59.66	47.55	54.00	-6.45	Average	255	317	P
2	5460.00	-12.11	78.68	66.57	74.00	-7.43	Peak	255	317	P
3	5470.00	-12.09	61.03	48.94	54.00	-5.06	Average	255	317	P
4	5470.00	-12.09	84.52	72.43	74.00	-1.57	Peak	255	317	P
5	11000.00	-6.26	46.18	39.92	54.00	-14.08	Average	149	153	P
6	11000.00	-6.26	62.12	55.86	74.00	-18.14	Peak	149	153	P
7	16500.00	-2.47	38.43	35.96	54.00	-18.04	Average	101	224	P
8	16500.00	-2.47	53.63	51.16	74.00	-22.84	Peak	101	224	P

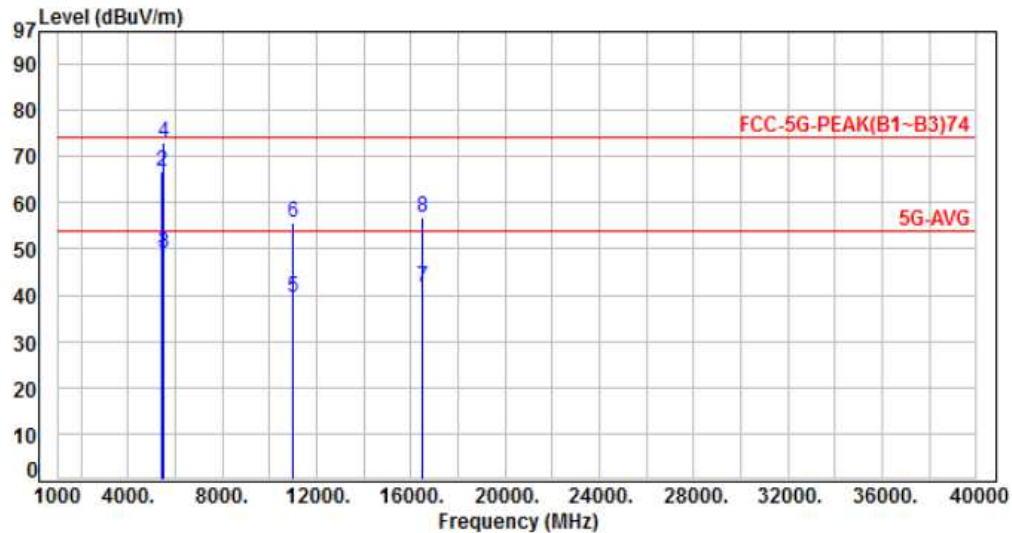
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 3, CH100	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	59.89	47.78	54.00	-6.22	Average	235	180	P
2	5460.00	-12.11	78.72	66.61	74.00	-7.39	Peak	235	180	P
3	5470.00	-12.09	61.11	49.02	54.00	-4.98	Average	235	180	P
4	5470.00	-12.09	84.93	72.84	74.00	-1.16	Peak	235	180	P
5	11000.00	-6.26	45.64	39.38	54.00	-14.62	Average	101	132	P
6	11000.00	-6.26	61.78	55.52	74.00	-18.48	Peak	101	132	P
7	16500.00	-2.47	44.29	41.82	54.00	-12.18	Average	168	211	P
8	16500.00	-2.47	59.12	56.65	74.00	-17.35	Peak	168	211	P

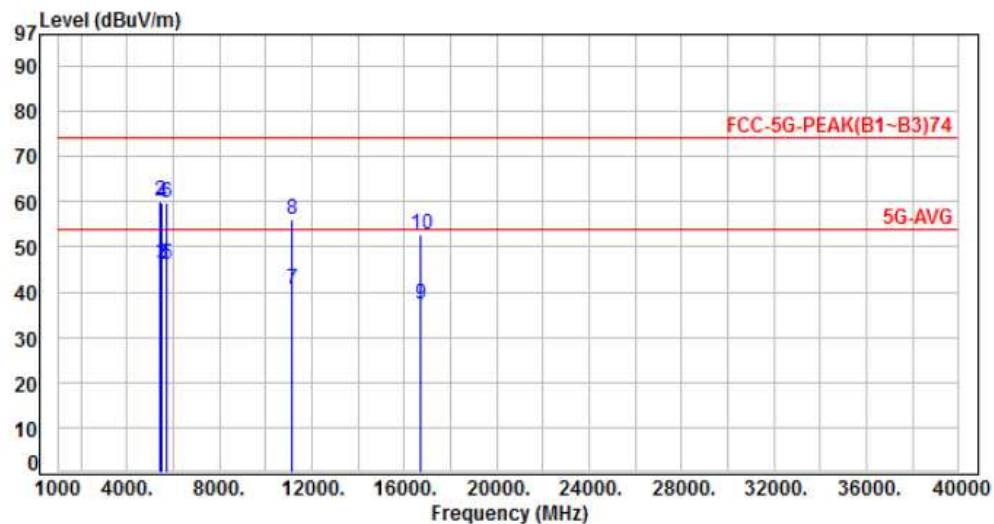
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 3, CH116	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	58.67	46.56	54.00	-7.44	Average	214	308	P
2	5460.00	-12.11	72.22	60.11	74.00	-13.89	Peak	214	308	P
3	5470.00	-12.09	58.08	45.99	54.00	-8.01	Average	214	308	P
4	5470.00	-12.09	71.74	59.65	74.00	-14.35	Peak	214	308	P
5	5725.00	-12.12	58.33	46.21	54.00	-7.79	Average	214	308	P
6	5725.00	-12.12	71.82	59.70	74.00	-14.30	Peak	214	308	P
7	11160.00	-6.27	46.80	40.53	54.00	-13.47	Average	148	159	P
8	11160.00	-6.27	62.49	56.22	74.00	-17.78	Peak	148	159	P
9	16740.00	-1.16	38.50	37.34	54.00	-16.66	Average	101	212	P
10	16740.00	-1.16	53.80	52.64	74.00	-21.36	Peak	101	212	P

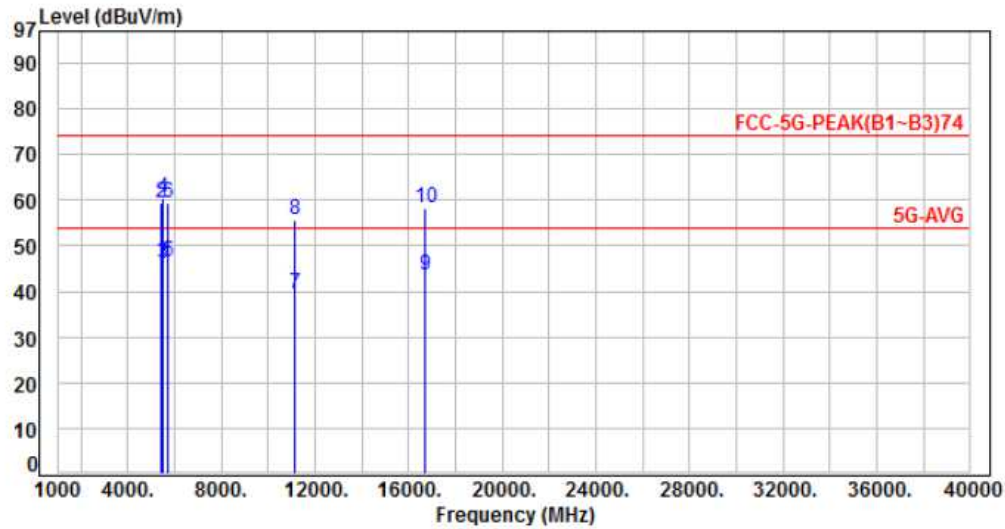
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 3, CH116	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	58.56	46.45	54.00	-7.55	Average	298	139	P
2	5460.00	-12.11	71.58	59.47	74.00	-14.53	Peak	298	139	P
3	5470.00	-12.09	58.24	46.15	54.00	-7.85	Average	298	139	P
4	5470.00	-12.09	72.44	60.35	74.00	-13.65	Peak	298	139	P
5	5725.00	-12.12	58.59	46.47	54.00	-7.53	Average	298	139	P
6	5725.00	-12.12	71.48	59.36	74.00	-14.64	Peak	298	139	P
7	11160.00	-6.27	45.84	39.57	54.00	-14.43	Average	102	138	P
8	11160.00	-6.27	61.93	55.66	74.00	-18.34	Peak	102	138	P
9	16740.00	-1.16	44.63	43.47	54.00	-10.53	Average	159	211	P
10	16740.00	-1.16	59.39	58.23	74.00	-15.77	Peak	159	211	P

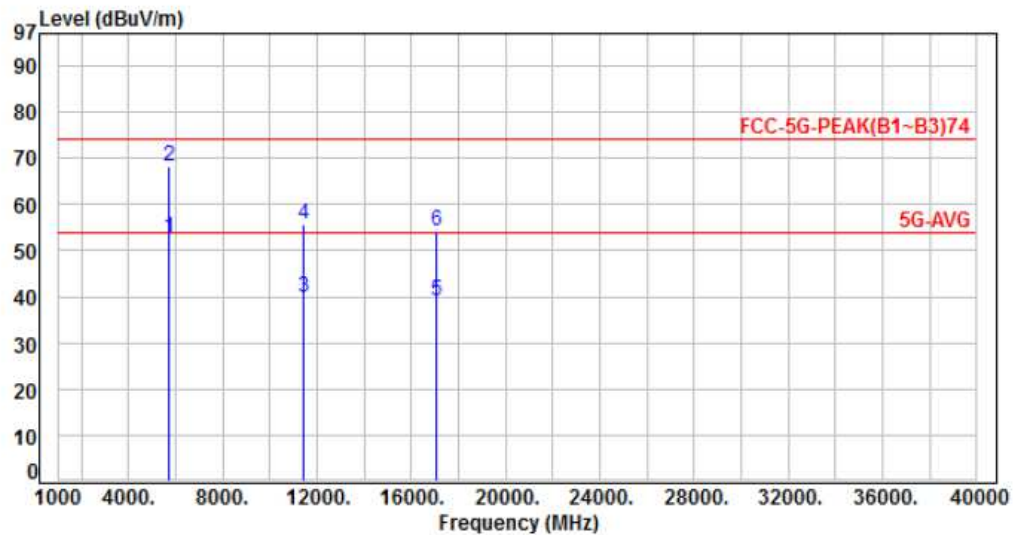
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 3, CH140	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.12	64.73	52.61	54.00	-1.39	Average	211	313	P
2	5725.00	-12.12	80.32	68.20	74.00	-5.80	Peak	211	313	P
3	11400.00	-6.26	46.18	39.92	54.00	-14.08	Average	151	162	P
4	11400.00	-6.26	62.09	55.83	74.00	-18.17	Peak	151	162	P
5	17100.00	0.79	38.35	39.14	54.00	-14.86	Average	112	231	P
6	17100.00	0.79	53.29	54.08	74.00	-19.92	Peak	112	231	P

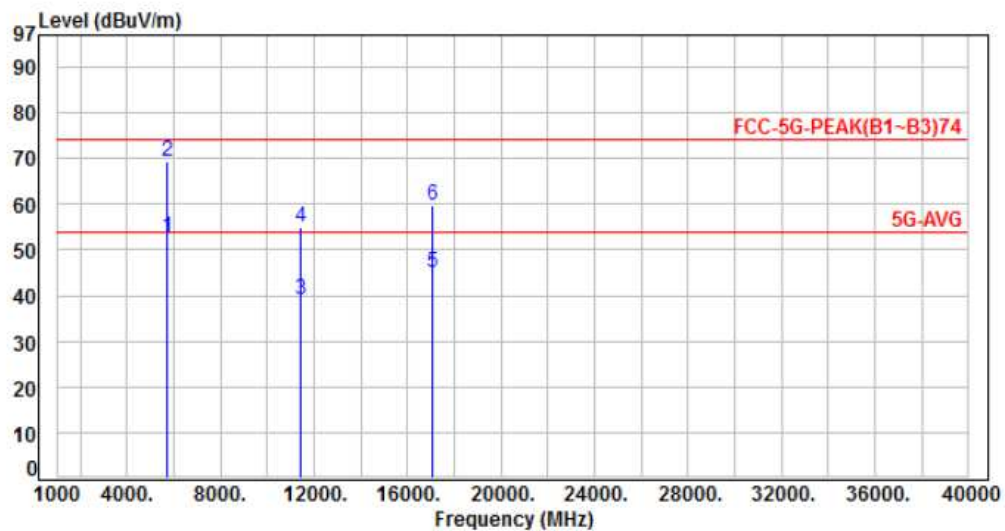
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 3, CH140	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.12	64.97	52.85	54.00	-1.15	Average	241	181	P
2	5725.00	-12.12	81.56	69.44	74.00	-4.56	Peak	241	181	P
3	11400.00	-6.26	45.25	38.99	54.00	-15.01	Average	103	129	P
4	11400.00	-6.26	61.38	55.12	74.00	-18.88	Peak	103	129	P
5	17100.00	0.79	44.11	44.90	54.00	-9.10	Average	172	214	P
6	17100.00	0.79	59.08	59.87	74.00	-14.13	Peak	172	214	P

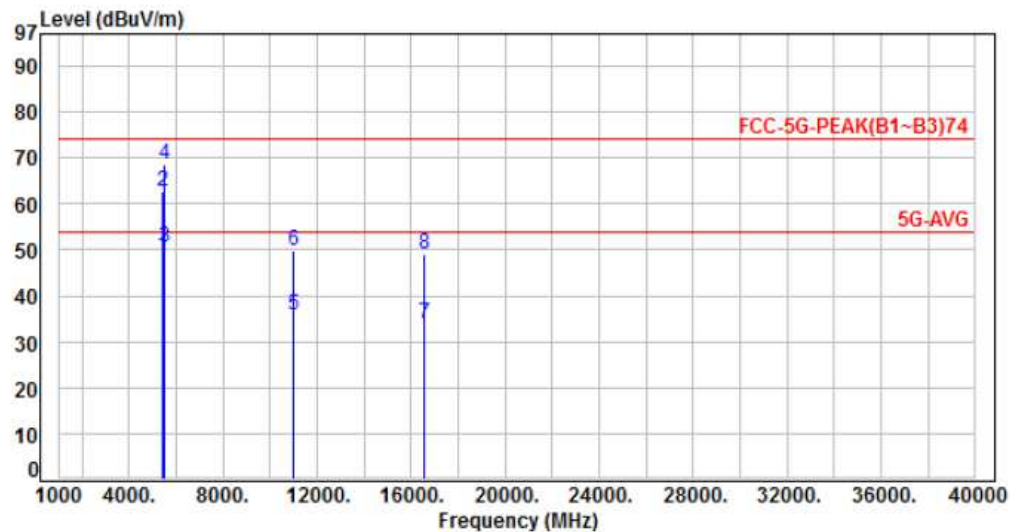
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 3, CH102	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	60.91	48.80	54.00	-5.20	Average	244	319	P
2	5460.00	-12.11	74.64	62.53	74.00	-11.47	Peak	244	319	P
3	5470.00	-12.09	62.57	50.48	54.00	-3.52	Average	244	319	P
4	5470.00	-12.09	80.67	68.58	74.00	-5.42	Peak	244	319	P
5	11020.00	-6.26	41.89	35.63	54.00	-18.37	Average	137	148	P
6	11020.00	-6.26	55.97	49.71	74.00	-24.29	Peak	137	148	P
7	16530.00	-2.30	36.24	33.94	54.00	-20.06	Average	101	216	P
8	16530.00	-2.30	51.41	49.11	74.00	-24.89	Peak	101	216	P

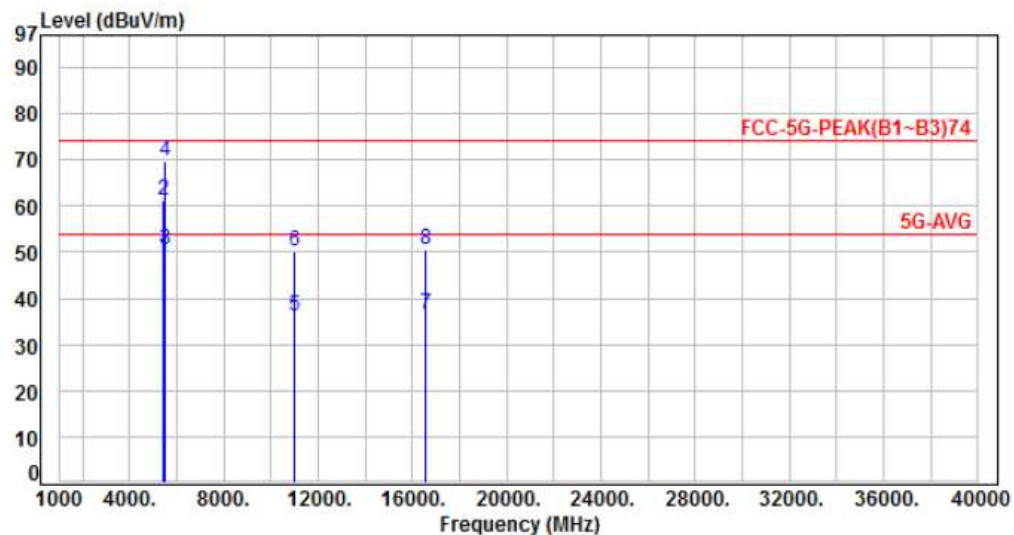
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, Band 3, CH102	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	60.98	48.87	54.00	-5.13	Average	242	177	P
2	5460.00	-12.11	73.25	61.14	74.00	-12.86	Peak	242	177	P
3	5470.00	-12.09	62.74	50.65	54.00	-3.35	Average	242	177	P
4	5470.00	-12.09	81.71	69.62	74.00	-4.38	Peak	242	177	P
5	11020.00	-6.26	42.39	36.13	54.00	-17.87	Average	101	149	P
6	11020.00	-6.26	56.51	50.25	74.00	-23.75	Peak	101	149	P
7	16530.00	-2.30	38.97	36.67	54.00	-17.33	Average	155	218	P
8	16530.00	-2.30	52.86	50.56	74.00	-23.44	Peak	155	218	P

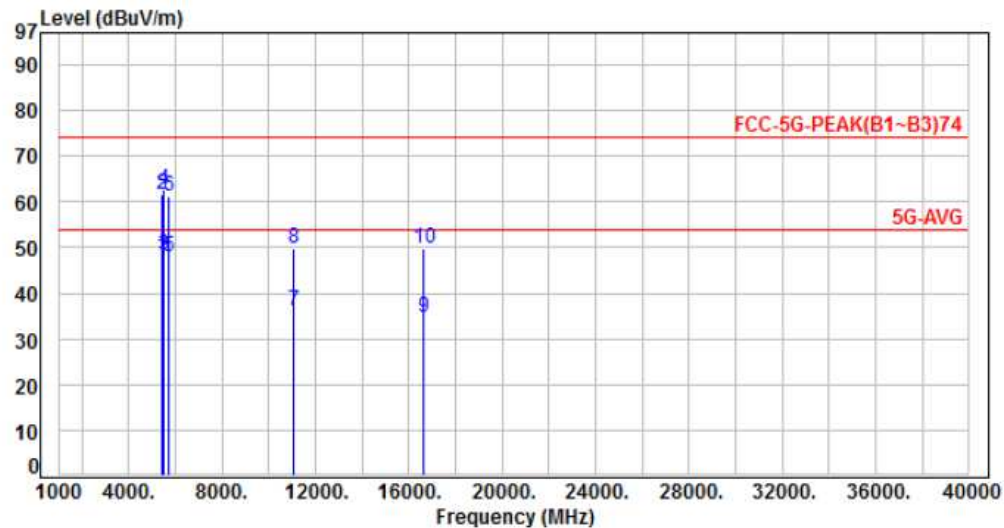
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 3, CH110	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	60.17	48.06	54.00	-5.94	Average	212	316	P
2	5460.00	-12.11	73.69	61.58	74.00	-12.42	Peak	212	316	P
3	5470.00	-12.09	60.24	48.15	54.00	-5.85	Average	212	316	P
4	5470.00	-12.09	74.80	62.71	74.00	-11.29	Peak	212	316	P
5	5725.00	-12.12	60.11	47.99	54.00	-6.01	Average	212	316	P
6	5725.00	-12.12	73.46	61.34	74.00	-12.66	Peak	212	316	P
7	11100.00	-6.26	42.33	36.07	54.00	-17.93	Average	156	171	P
8	11100.00	-6.26	56.14	49.88	74.00	-24.12	Peak	156	171	P
9	16650.00	-1.65	36.25	34.60	54.00	-19.40	Average	110	218	P
10	16650.00	-1.65	51.48	49.83	74.00	-24.17	Peak	110	218	P

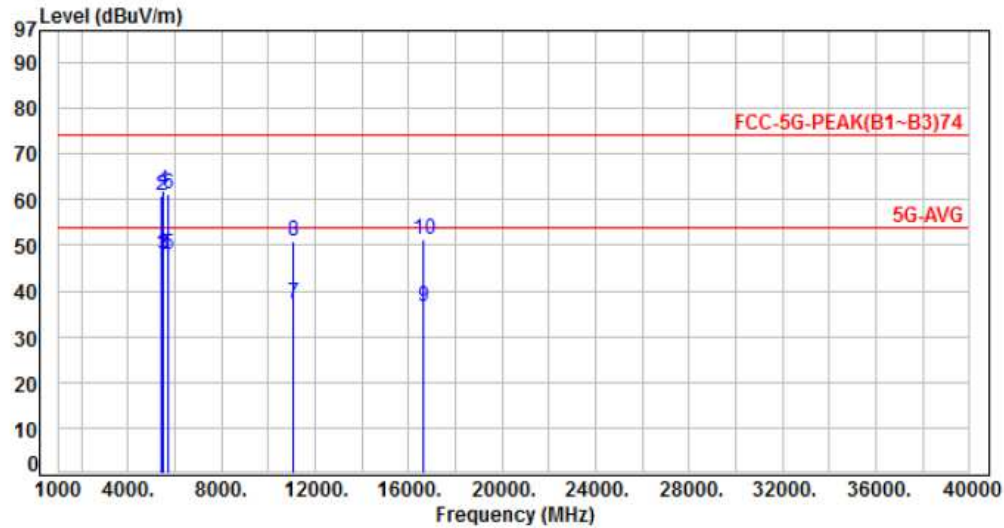
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, Band 3, CH110	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	60.02	47.91	54.00	-6.09	Average	302	144	P
2	5460.00	-12.11	72.94	60.83	74.00	-13.17	Peak	302	144	P
3	5470.00	-12.09	59.85	47.76	54.00	-6.24	Average	302	144	P
4	5470.00	-12.09	73.97	61.88	74.00	-12.12	Peak	302	144	P
5	5725.00	-12.12	59.89	47.77	54.00	-6.23	Average	302	144	P
6	5725.00	-12.12	73.35	61.23	74.00	-12.77	Peak	302	144	P
7	11100.00	-6.26	43.59	37.33	54.00	-16.67	Average	106	139	P
8	11100.00	-6.26	57.33	51.07	74.00	-22.93	Peak	106	139	P
9	16650.00	-1.65	38.28	36.63	54.00	-17.37	Average	158	214	P
10	16650.00	-1.65	52.83	51.18	74.00	-22.82	Peak	158	214	P

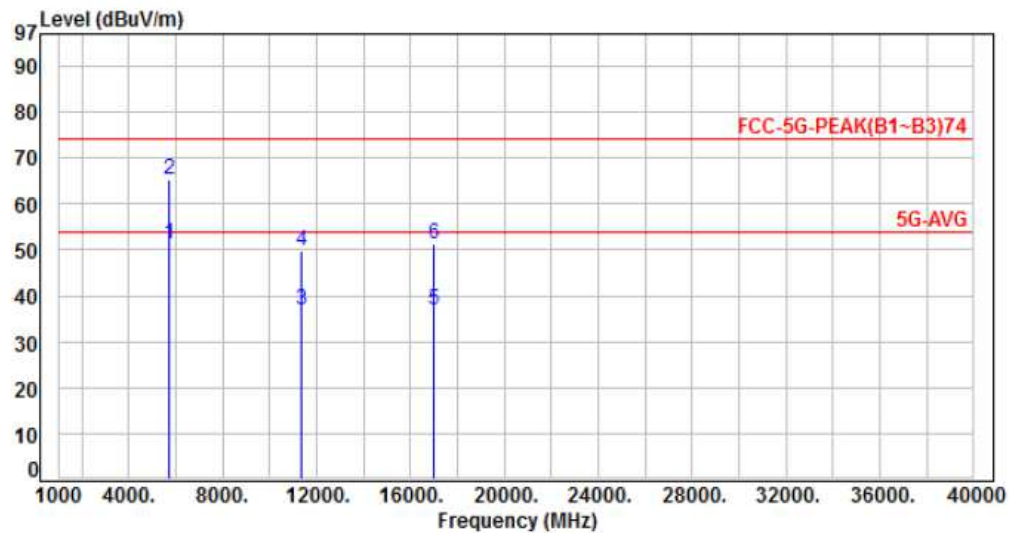
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 3, CH134	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.12	63.31	51.19	54.00	-2.81	Average	198	336	P
2	5725.00	-12.12	77.53	65.41	74.00	-8.59	Peak	198	336	P
3	11340.00	-6.25	42.95	36.70	54.00	-17.30	Average	185	161	P
4	11340.00	-6.25	56.22	49.97	74.00	-24.03	Peak	185	161	P
5	17010.00	0.32	36.57	36.89	54.00	-17.11	Average	161	234	P
6	17010.00	0.32	51.09	51.41	74.00	-22.59	Peak	161	234	P

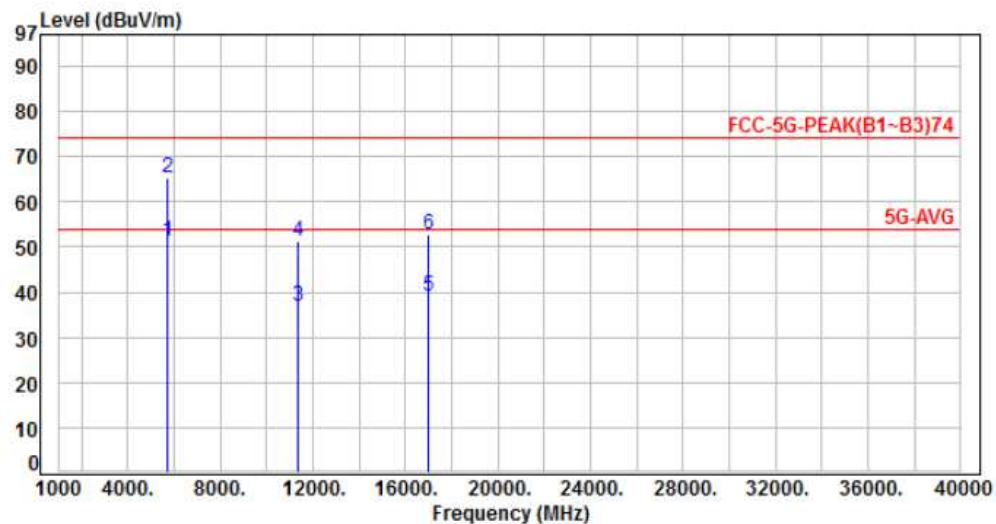
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, Band 3, CH134	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.12	63.39	51.27	54.00	-2.73	Average	341	210	P
2	5725.00	-12.12	77.37	65.25	74.00	-8.75	Peak	341	210	P
3	11340.00	-6.25	43.28	37.03	54.00	-16.97	Average	184	169	P
4	11340.00	-6.25	57.49	51.24	74.00	-22.76	Peak	184	169	P
5	17010.00	0.32	38.82	39.14	54.00	-14.86	Average	229	141	P
6	17010.00	0.32	52.44	52.76	74.00	-21.24	Peak	229	141	P

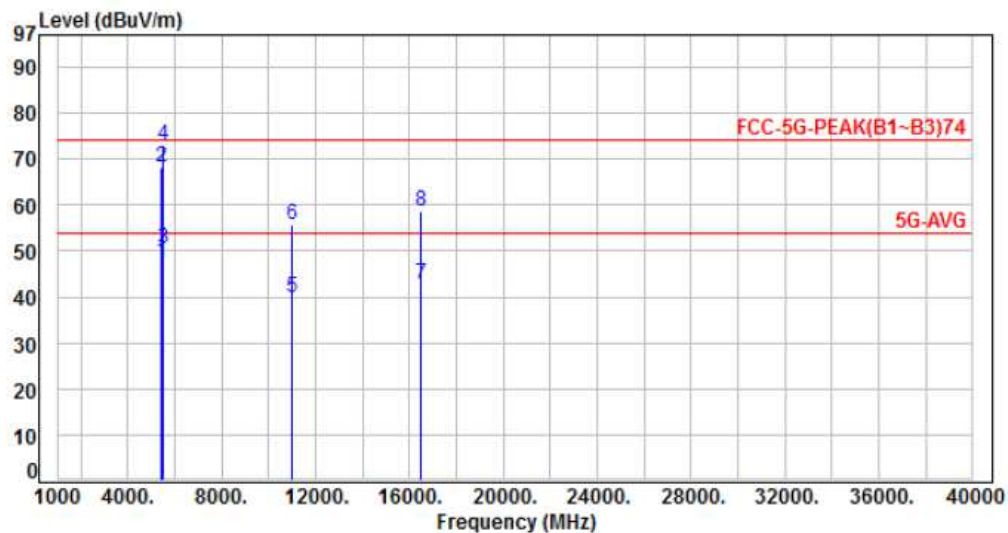
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3, CH100	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	59.87	47.76	54.00	-6.24	Average	214	314	P
2	5460.00	-12.11	80.35	68.24	74.00	-5.76	Peak	214	314	P
3	5470.00	-12.08	62.70	50.62	54.00	-3.38	Average	214	314	P
4	5470.00	-12.08	85.26	73.18	74.00	-0.82	Peak	214	314	P
5	11000.00	-6.96	46.78	39.82	54.00	-14.18	Average	283	159	P
6	11000.00	-6.96	62.77	55.81	74.00	-18.19	Peak	283	159	P
7	16500.00	-2.07	44.77	42.70	54.00	-11.30	Average	223	168	P
8	16500.00	-2.07	60.84	58.77	74.00	-15.23	Peak	223	168	P

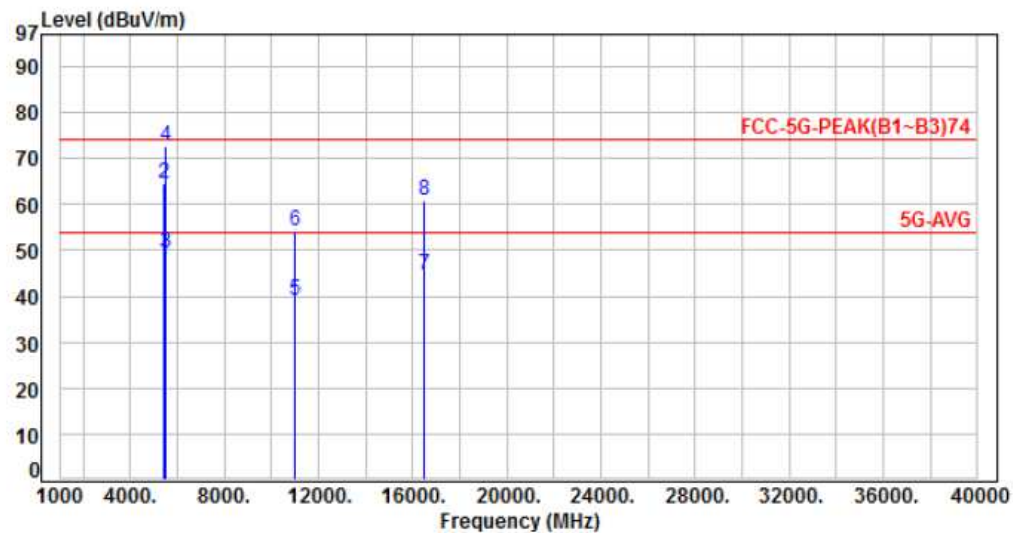
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3, CH100	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	59.67	47.56	54.00	-6.44	Average	184	336	P
2	5460.00	-12.11	76.78	64.67	74.00	-9.33	Peak	184	336	P
3	5470.00	-12.08	61.39	49.31	54.00	-4.69	Average	184	336	P
4	5470.00	-12.08	84.90	72.82	74.00	-1.18	Peak	184	336	P
5	11000.00	-6.96	45.89	38.93	54.00	-15.07	Average	322	228	P
6	11000.00	-6.96	61.14	54.18	74.00	-19.82	Peak	322	228	P
7	16500.00	-2.07	46.60	44.53	54.00	-9.47	Average	172	121	P
8	16500.00	-2.07	62.87	60.80	74.00	-13.20	Peak	172	121	P

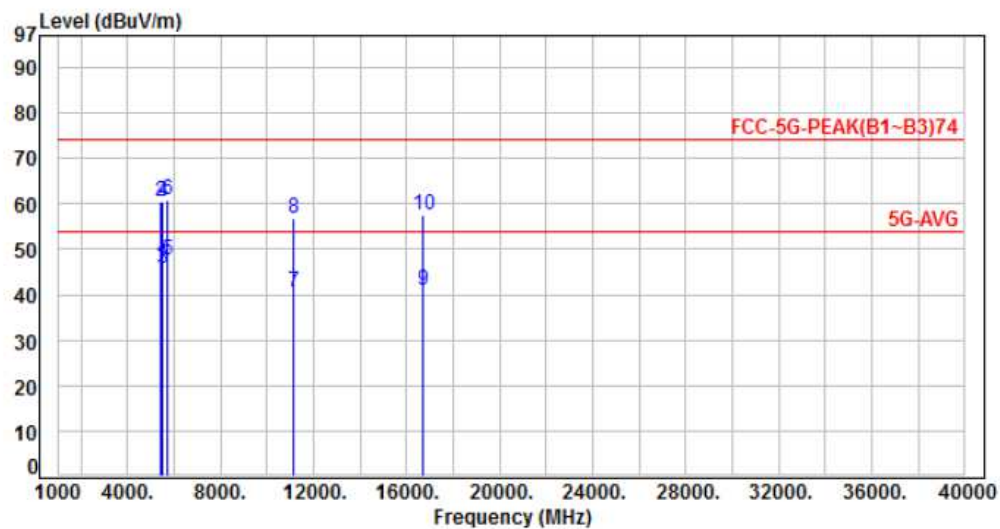
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3, CH116	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	58.63	46.52	54.00	-7.48	Average	196	316	P
2	5460.00	-12.11	72.59	60.48	74.00	-13.52	Peak	196	316	P
3	5470.00	-12.08	57.78	45.70	54.00	-8.30	Average	196	316	P
4	5470.00	-12.08	72.72	60.64	74.00	-13.36	Peak	196	316	P
5	5725.00	-12.03	59.72	47.69	54.00	-6.31	Average	196	316	P
6	5725.00	-12.03	72.84	60.81	74.00	-13.19	Peak	196	316	P
7	11160.00	-6.68	47.18	40.50	54.00	-13.50	Average	274	151	P
8	11160.00	-6.68	63.57	56.89	74.00	-17.11	Peak	274	151	P
9	16740.00	-0.76	41.69	40.93	54.00	-13.07	Average	218	167	P
10	16740.00	-0.76	58.36	57.60	74.00	-16.40	Peak	218	167	P

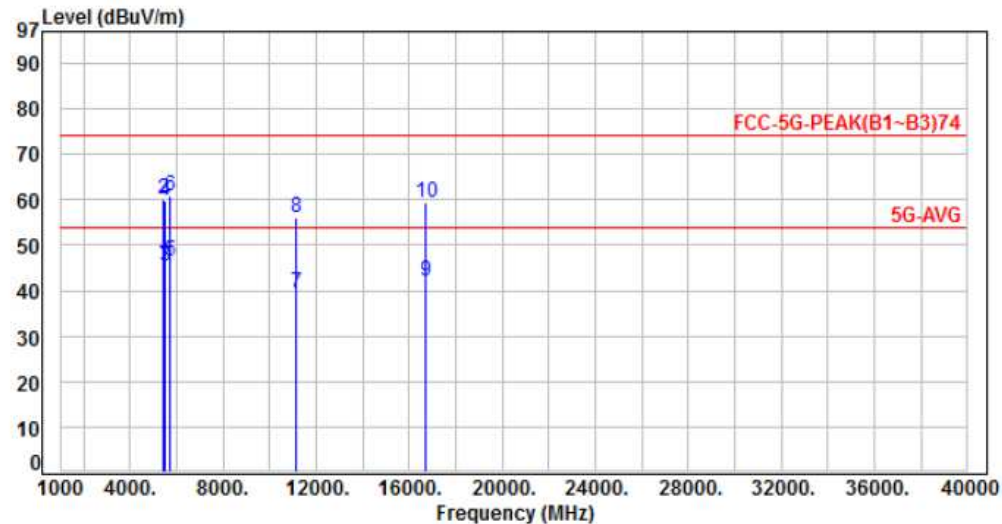
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3, CH116	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	58.24	46.13	54.00	-7.87	Average	187	334	P
2	5460.00	-12.11	72.28	60.17	74.00	-13.83	Peak	187	334	P
3	5470.00	-12.08	57.51	45.43	54.00	-8.57	Average	187	334	P
4	5470.00	-12.08	71.92	59.84	74.00	-14.16	Peak	187	334	P
5	5725.00	-12.03	58.37	46.34	54.00	-7.66	Average	187	334	P
6	5725.00	-12.03	72.72	60.69	74.00	-13.31	Peak	187	334	P
7	11160.00	-6.68	45.98	39.30	54.00	-14.70	Average	228	192	P
8	11160.00	-6.68	62.85	56.17	74.00	-17.83	Peak	228	192	P
9	16740.00	-0.76	42.85	42.09	54.00	-11.91	Average	189	102	P
10	16740.00	-0.76	60.30	59.54	74.00	-14.46	Peak	189	102	P

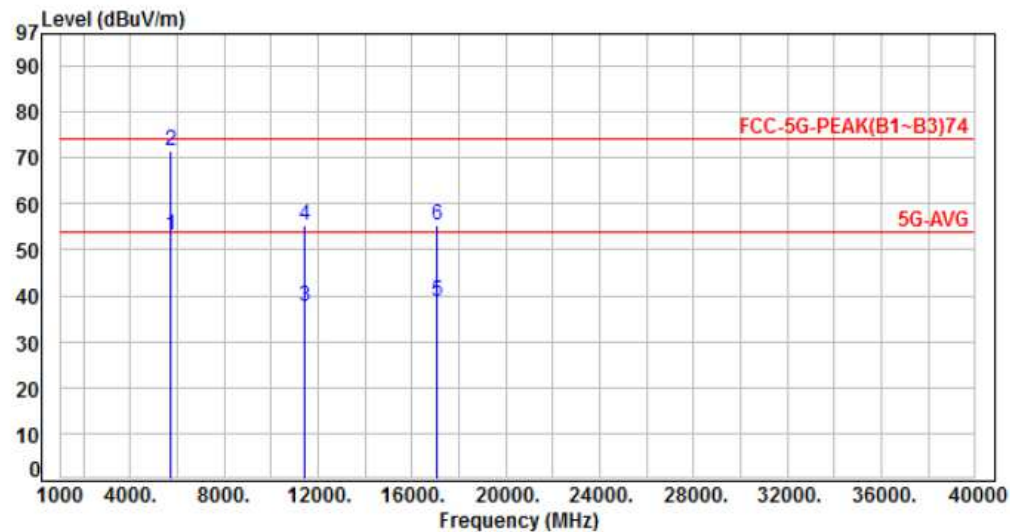
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3, CH140	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.03	65.14	53.11	54.00	-0.89	Average	187	314	P
2	5725.00	-12.03	83.68	71.65	74.00	-2.35	Peak	187	314	P
3	11400.00	-6.24	43.79	37.55	54.00	-16.45	Average	233	155	P
4	11400.00	-6.24	61.61	55.37	74.00	-18.63	Peak	233	155	P
5	17100.00	1.21	37.61	38.82	54.00	-15.18	Average	235	145	P
6	17100.00	1.21	54.26	55.47	74.00	-18.53	Peak	235	145	P

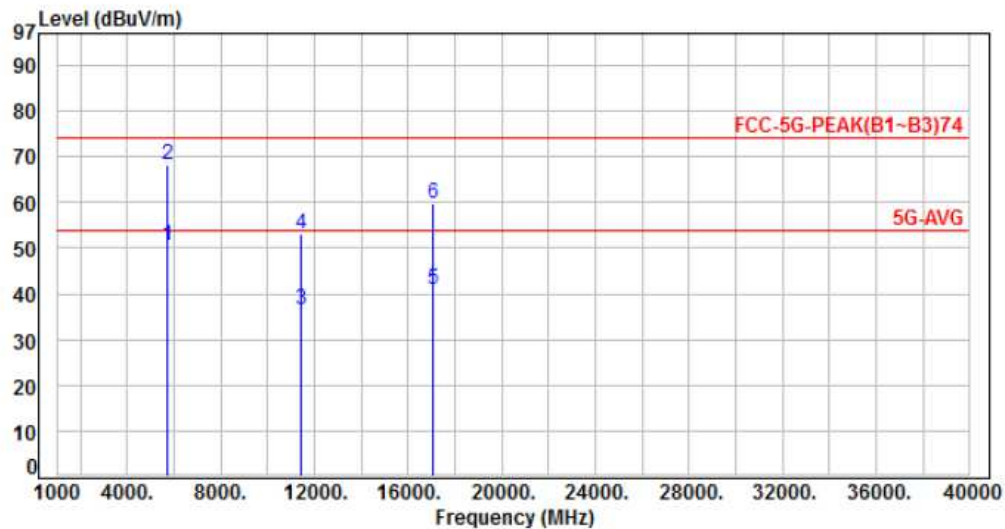
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3, CH140	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.03	62.63	50.60	54.00	-3.40	Average	243	184	P
2	5725.00	-12.03	80.22	68.19	74.00	-5.81	Peak	243	184	P
3	11400.00	-6.24	42.82	36.58	54.00	-17.42	Average	224	195	P
4	11400.00	-6.24	59.36	53.12	74.00	-20.88	Peak	224	195	P
5	17100.00	1.21	39.74	40.95	54.00	-13.05	Average	181	102	P
6	17100.00	1.21	58.47	59.68	74.00	-14.32	Peak	181	102	P

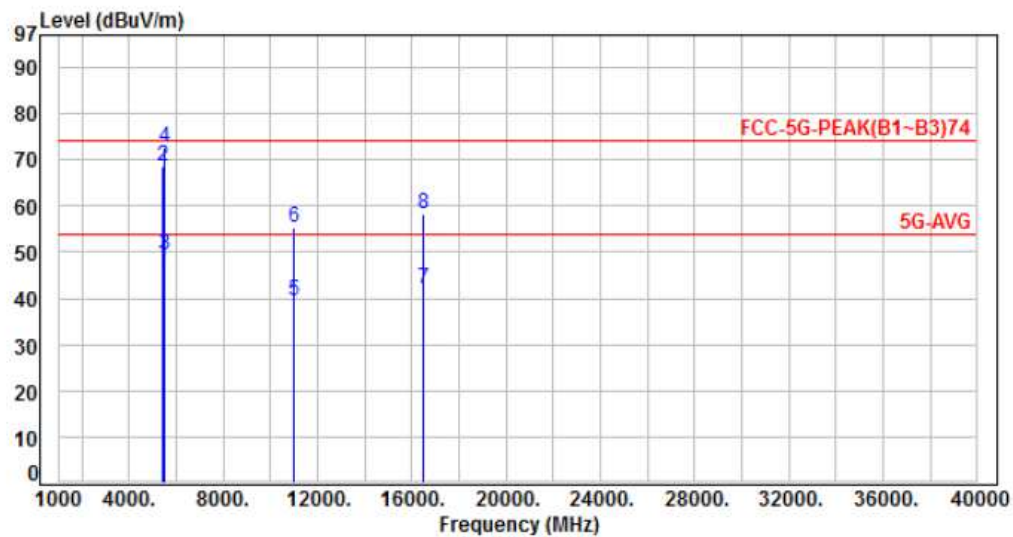
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 3, CH100	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	59.56	47.45	54.00	-6.55	Average	212	316	P
2	5460.00	-12.11	80.61	68.50	74.00	-5.50	Peak	212	316	P
3	5470.00	-12.08	61.52	49.44	54.00	-4.56	Average	212	316	P
4	5470.00	-12.08	84.78	72.70	74.00	-1.30	Peak	212	316	P
5	11000.00	-6.96	46.32	39.36	54.00	-14.64	Average	285	161	P
6	11000.00	-6.96	62.41	55.45	74.00	-18.55	Peak	285	161	P
7	16500.00	-2.07	44.26	42.19	54.00	-11.81	Average	228	172	P
8	16500.00	-2.07	60.39	58.32	74.00	-15.68	Peak	228	172	P

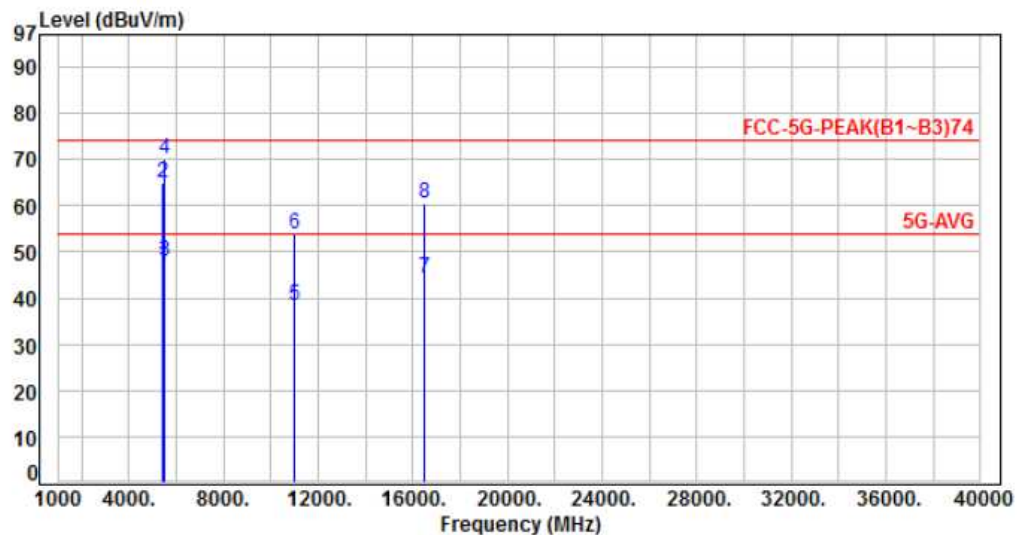
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 3, CH100	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	59.22	47.11	54.00	-6.89	Average	185	332	P
2	5460.00	-12.11	77.12	65.01	74.00	-8.99	Peak	185	332	P
3	5470.00	-12.08	59.93	47.85	54.00	-6.15	Average	185	332	P
4	5470.00	-12.08	82.22	70.14	74.00	-3.86	Peak	185	332	P
5	11000.00	-6.96	45.47	38.51	54.00	-15.49	Average	321	233	P
6	11000.00	-6.96	60.78	53.82	74.00	-20.18	Peak	321	233	P
7	16500.00	-2.07	46.25	44.18	54.00	-9.82	Average	168	119	P
8	16500.00	-2.07	62.45	60.38	74.00	-13.62	Peak	168	119	P

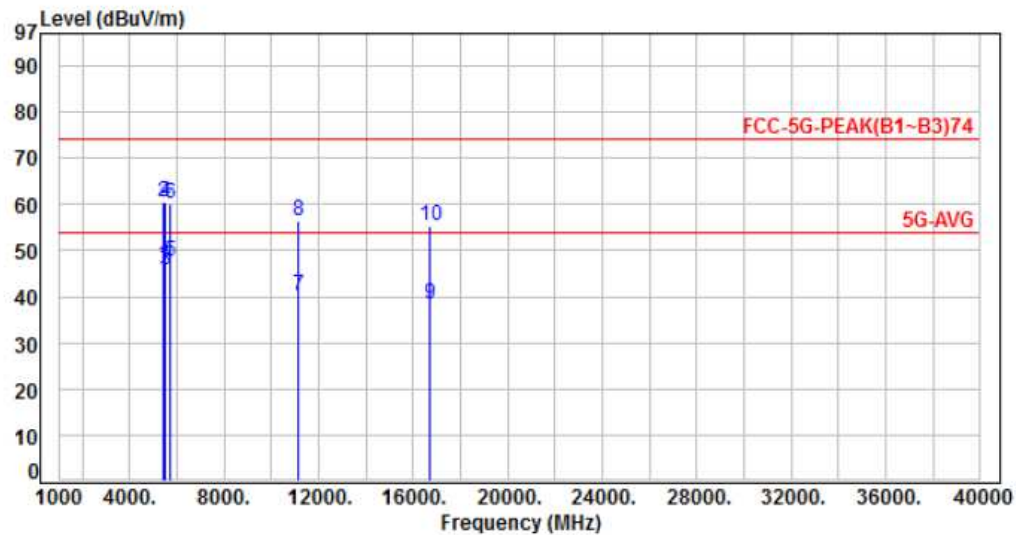
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 3, CH116	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	58.90	46.79	54.00	-7.21	Average	196	316	P
2	5460.00	-12.11	72.59	60.48	74.00	-13.52	Peak	196	316	P
3	5470.00	-12.08	57.65	45.57	54.00	-8.43	Average	196	316	P
4	5470.00	-12.08	72.42	60.34	74.00	-13.66	Peak	196	316	P
5	5725.00	-12.03	59.61	47.58	54.00	-6.42	Average	196	316	P
6	5725.00	-12.03	72.12	60.09	74.00	-13.91	Peak	196	316	P
7	11160.00	-6.68	46.79	40.11	54.00	-13.89	Average	269	148	P
8	11160.00	-6.68	62.94	56.26	74.00	-17.74	Peak	269	148	P
9	16740.00	-0.76	39.28	38.52	54.00	-15.48	Average	214	163	P
10	16740.00	-0.76	56.13	55.37	74.00	-18.63	Peak	214	163	P

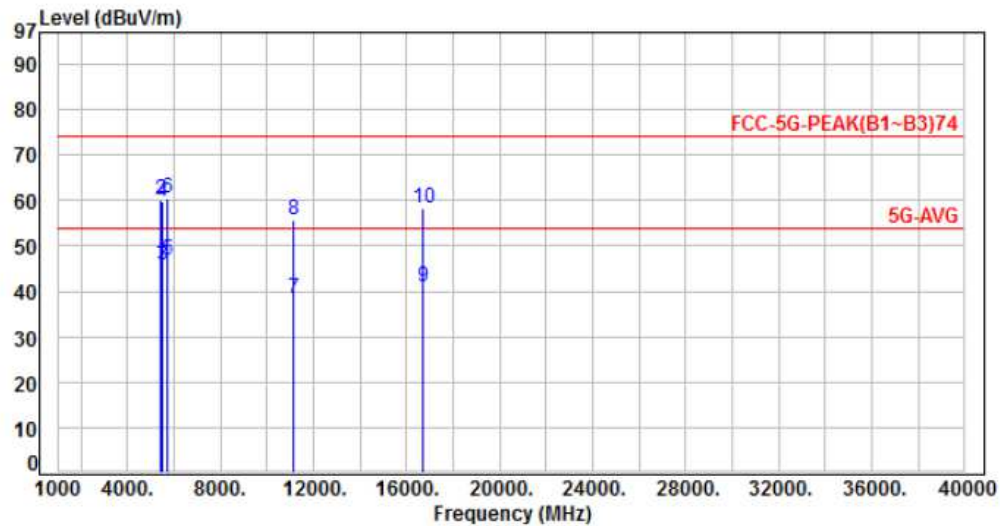
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 3, CH116	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	58.23	46.12	54.00	-7.88	Average	182	329	P
2	5460.00	-12.11	72.22	60.11	74.00	-13.89	Peak	182	329	P
3	5470.00	-12.08	57.67	45.59	54.00	-8.41	Average	182	329	P
4	5470.00	-12.08	71.86	59.78	74.00	-14.22	Peak	182	329	P
5	5725.00	-12.03	58.72	46.69	54.00	-7.31	Average	182	329	P
6	5725.00	-12.03	72.44	60.41	74.00	-13.59	Peak	182	329	P
7	11160.00	-6.68	45.13	38.45	54.00	-15.55	Average	223	187	P
8	11160.00	-6.68	62.31	55.63	74.00	-18.37	Peak	223	187	P
9	16740.00	-0.76	41.65	40.89	54.00	-13.11	Average	178	110	P
10	16740.00	-0.76	59.13	58.37	74.00	-15.63	Peak	178	110	P

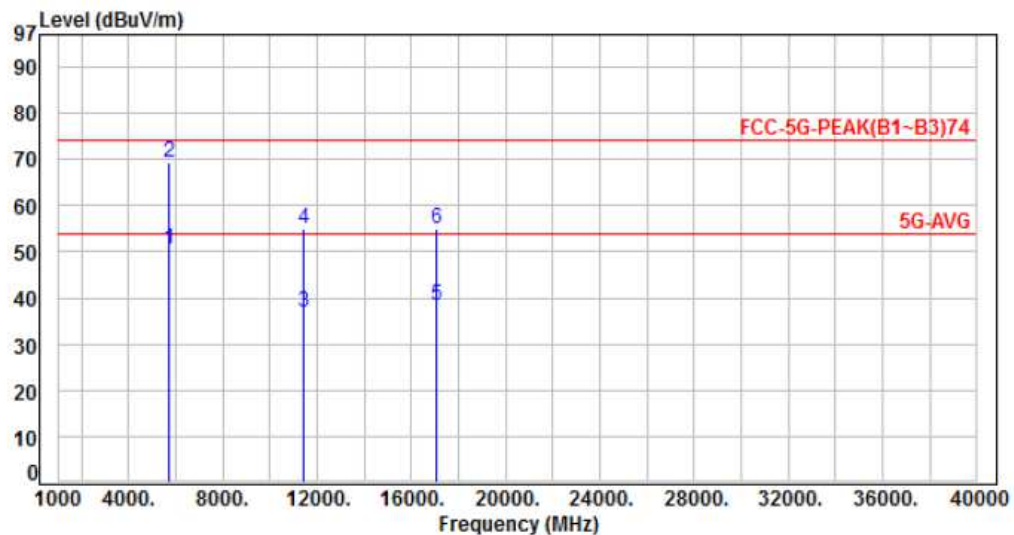
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 3, CH140	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.03	62.65	50.62	54.00	-3.38	Average	180	314	P
2	5725.00	-12.03	81.54	69.51	74.00	-4.49	Peak	180	314	P
3	11400.00	-6.24	43.23	36.99	54.00	-17.01	Average	228	154	P
4	11400.00	-6.24	61.17	54.93	74.00	-19.07	Peak	228	154	P
5	17100.00	1.21	37.25	38.46	54.00	-15.54	Average	233	142	P
6	17100.00	1.21	53.89	55.10	74.00	-18.90	Peak	233	142	P

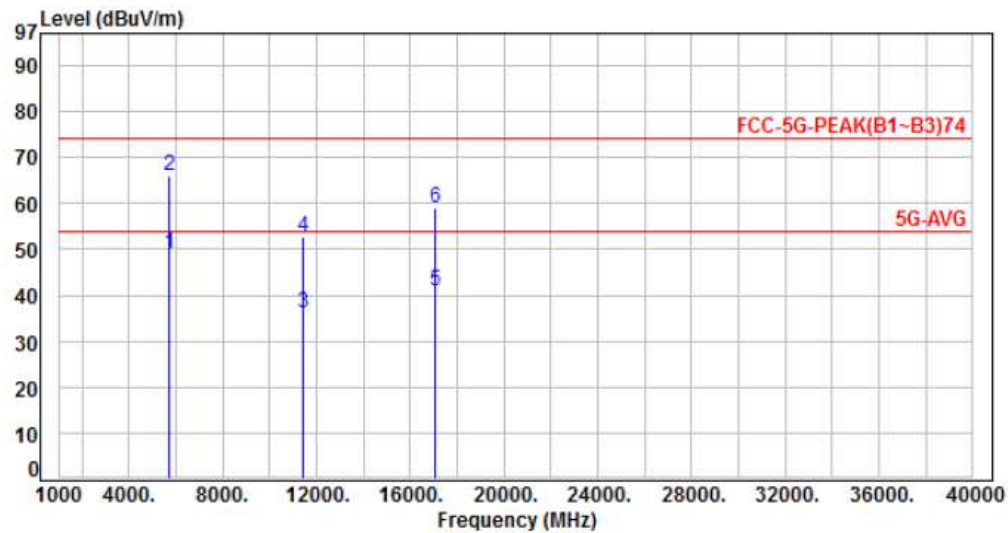
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 3, CH140	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.03	60.91	48.88	54.00	-5.12	Average	242	188	P
2	5725.00	-12.03	78.13	66.10	74.00	-7.90	Peak	242	188	P
3	11400.00	-6.24	42.43	36.19	54.00	-17.81	Average	231	192	P
4	11400.00	-6.24	58.97	52.73	74.00	-21.27	Peak	231	192	P
5	17100.00	1.21	39.65	40.86	54.00	-13.14	Average	178	104	P
6	17100.00	1.21	57.69	58.90	74.00	-15.10	Peak	178	104	P

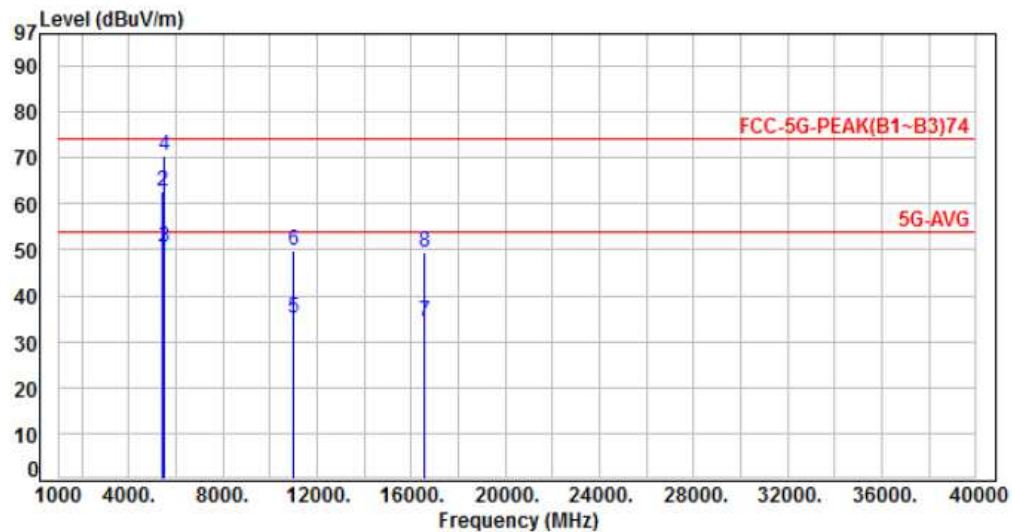
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 3, CH102	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	60.35	48.24	54.00	-5.76	Average	212	315	P
2	5460.00	-12.11	74.91	62.80	74.00	-11.20	Peak	212	315	P
3	5470.00	-12.08	62.76	50.68	54.00	-3.32	Average	212	315	P
4	5470.00	-12.08	82.52	70.44	74.00	-3.56	Peak	212	315	P
5	11020.00	-6.93	41.79	34.86	54.00	-19.14	Average	231	162	P
6	11020.00	-6.93	56.62	49.69	74.00	-24.31	Peak	231	162	P
7	16530.00	-1.90	36.18	34.28	54.00	-19.72	Average	225	157	P
8	16530.00	-1.90	51.33	49.43	74.00	-24.57	Peak	225	157	P

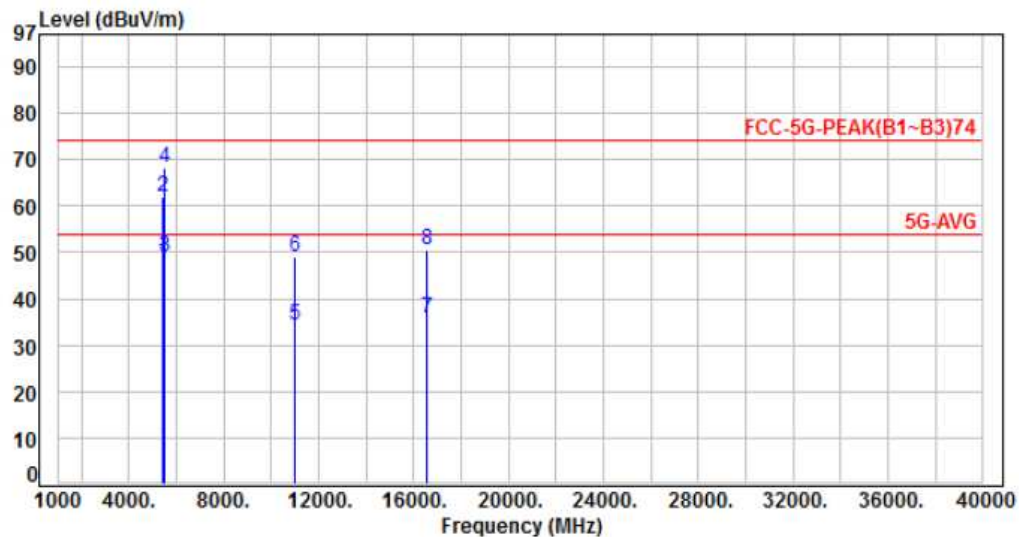
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 3, CH102	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	60.19	48.08	54.00	-5.92	Average	186	332	P
2	5460.00	-12.11	74.12	62.01	74.00	-11.99	Peak	186	332	P
3	5470.00	-12.08	60.96	48.88	54.00	-5.12	Average	186	332	P
4	5470.00	-12.08	80.14	68.06	74.00	-5.94	Peak	186	332	P
5	11020.00	-6.93	41.16	34.23	54.00	-19.77	Average	216	187	P
6	11020.00	-6.93	56.14	49.21	74.00	-24.79	Peak	216	187	P
7	16530.00	-1.90	37.84	35.94	54.00	-18.06	Average	193	112	P
8	16530.00	-1.90	52.43	50.53	74.00	-23.47	Peak	193	112	P

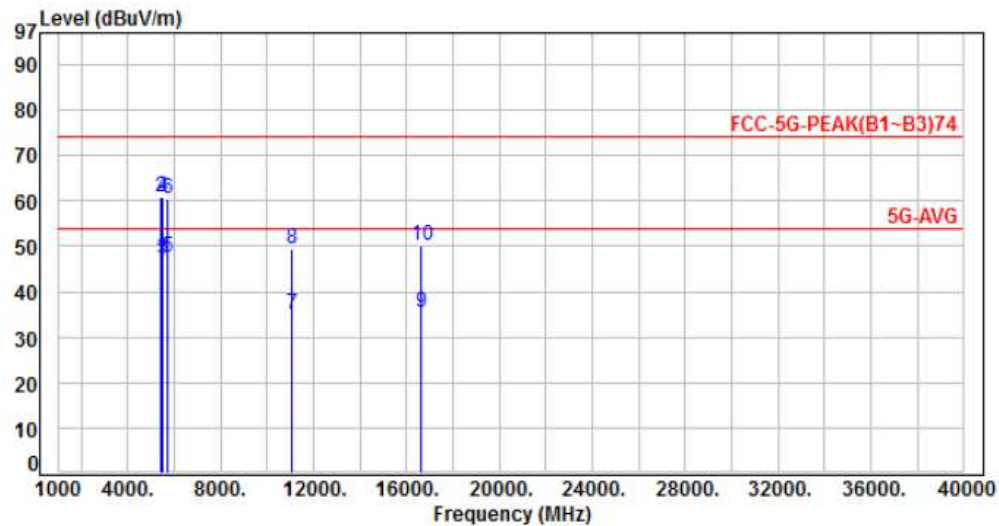
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 3, CH110	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	58.94	46.83	54.00	-7.17	Average	219	321	P
2	5460.00	-12.11	72.85	60.74	74.00	-13.26	Peak	219	321	P
3	5470.00	-12.08	59.43	47.35	54.00	-6.65	Average	219	321	P
4	5470.00	-12.08	73.01	60.93	74.00	-13.07	Peak	219	321	P
5	5725.00	-12.03	59.44	47.41	54.00	-6.59	Average	219	321	P
6	5725.00	-12.03	72.59	60.56	74.00	-13.44	Peak	219	321	P
7	11100.00	-6.78	41.88	35.10	54.00	-18.90	Average	242	157	P
8	11100.00	-6.78	56.28	49.50	74.00	-24.50	Peak	242	157	P
9	16650.00	-1.25	36.52	35.27	54.00	-18.73	Average	217	149	P
10	16650.00	-1.25	51.43	50.18	74.00	-23.82	Peak	217	149	P

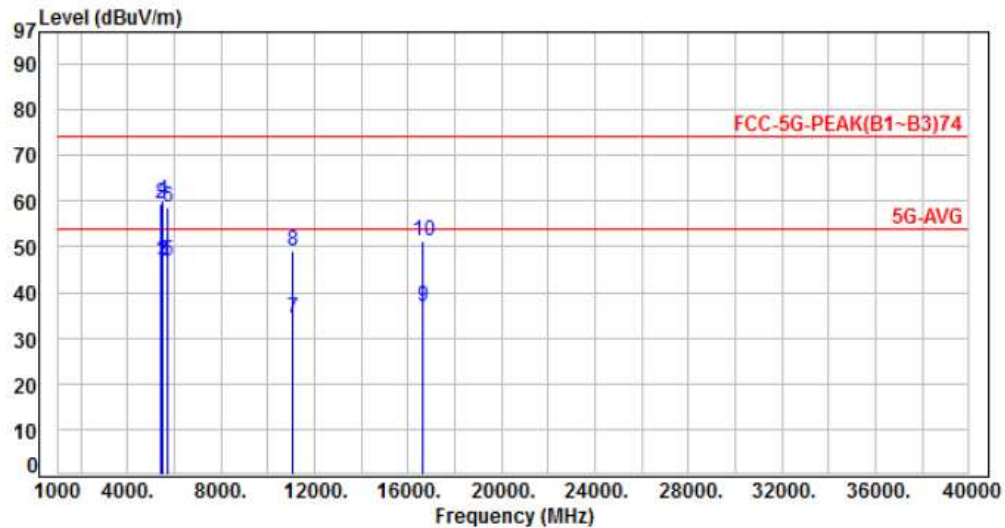
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 3, CH110	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	-12.11	58.78	46.67	54.00	-7.33	Average	181	339	P
2	5460.00	-12.11	71.40	59.29	74.00	-14.71	Peak	181	339	P
3	5470.00	-12.08	58.76	46.68	54.00	-7.32	Average	181	339	P
4	5470.00	-12.08	72.12	60.04	74.00	-13.96	Peak	181	339	P
5	5725.00	-12.03	58.85	46.82	54.00	-7.18	Average	181	339	P
6	5725.00	-12.03	70.51	58.48	74.00	-15.52	Peak	181	339	P
7	11100.00	-6.78	41.13	34.35	54.00	-19.65	Average	235	172	P
8	11100.00	-6.78	55.77	48.99	74.00	-25.01	Peak	235	172	P
9	16650.00	-1.25	38.15	36.90	54.00	-17.10	Average	187	124	P
10	16650.00	-1.25	52.66	51.41	74.00	-22.59	Peak	187	124	P

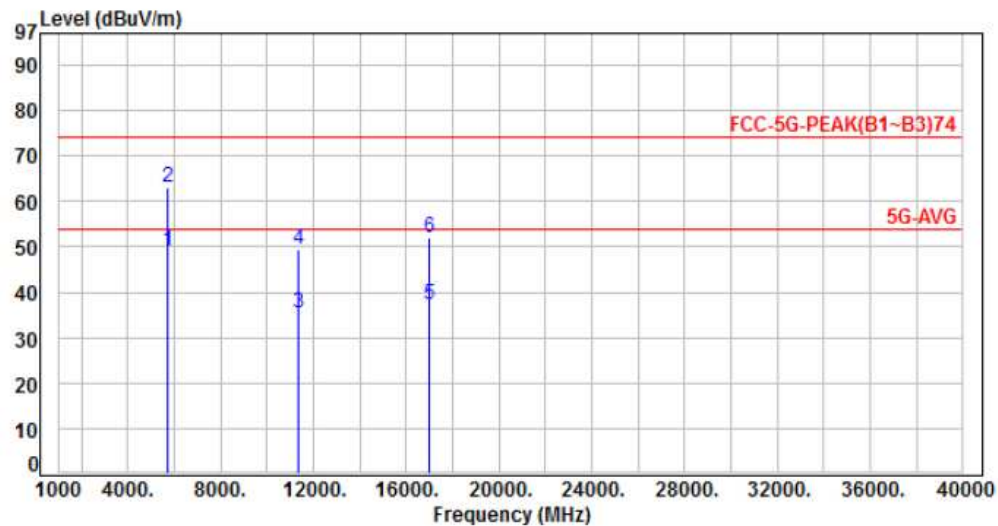
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 3, CH134	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.03	60.94	48.91	54.00	-5.09	Average	225	316	P
2	5725.00	-12.03	74.94	62.91	74.00	-11.09	Peak	225	316	P
3	11340.00	-6.34	41.61	35.27	54.00	-18.73	Average	225	147	P
4	11340.00	-6.34	55.67	49.33	74.00	-24.67	Peak	225	147	P
5	17010.00	0.72	36.42	37.14	54.00	-16.86	Average	238	159	P
6	17010.00	0.72	51.26	51.98	74.00	-22.02	Peak	238	159	P

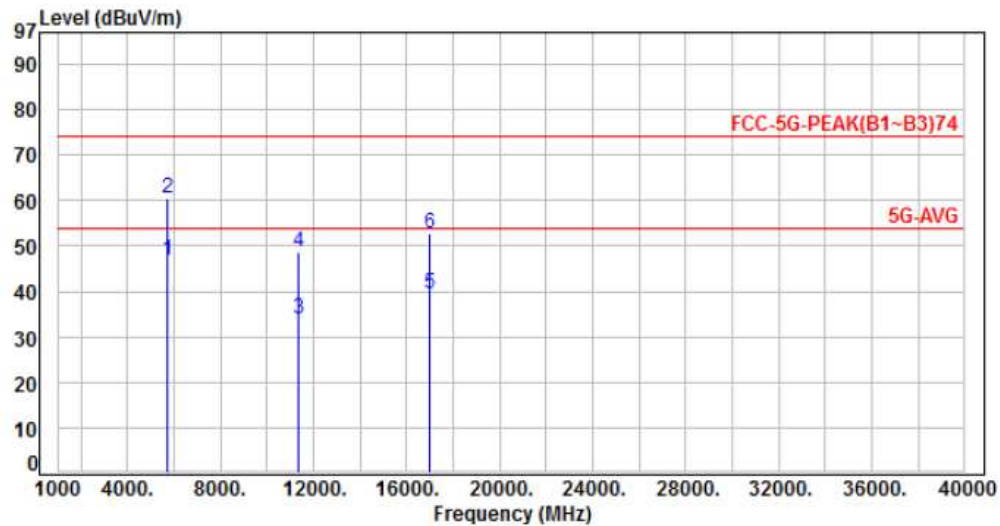
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 3, CH134	Temperature	: 24 °C
Test Date	: Sep. 04, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	-12.03	58.87	46.84	54.00	-7.16	Average	186	347	P
2	5725.00	-12.03	72.41	60.38	74.00	-13.62	Peak	186	347	P
3	11340.00	-6.34	40.37	34.03	54.00	-19.97	Average	251	183	P
4	11340.00	-6.34	55.11	48.77	74.00	-25.23	Peak	251	183	P
5	17010.00	0.72	38.65	39.37	54.00	-14.63	Average	194	110	P
6	17010.00	0.72	52.15	52.87	74.00	-21.13	Peak	194	110	P

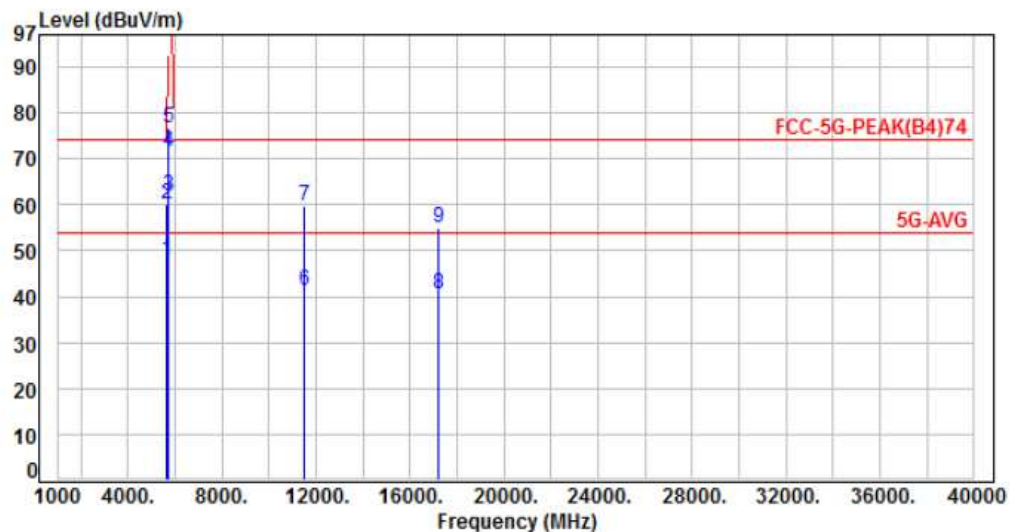
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 4, CH149	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.19	48.10	54.00	-5.90	Average	218	311	P
2	5650.00	-12.09	72.36	60.27	74.00	-13.73	Peak	218	311	P
3	5700.00	-12.11	74.15	62.04	105.20	-43.16	Peak	218	311	P
4	5720.00	-12.12	83.83	71.71	110.80	-39.09	Peak	218	311	P
5	5725.00	-12.12	88.87	76.75	122.20	-45.45	Peak	218	311	P
6	11490.00	-6.25	47.64	41.39	54.00	-12.61	Average	190	159	P
7	11490.00	-6.25	65.88	59.63	74.00	-14.37	Peak	190	159	P
8	17235.00	1.48	39.22	40.70	54.00	-13.30	Average	182	228	P
9	17235.00	1.48	53.62	55.10	74.00	-18.90	Peak	182	228	P

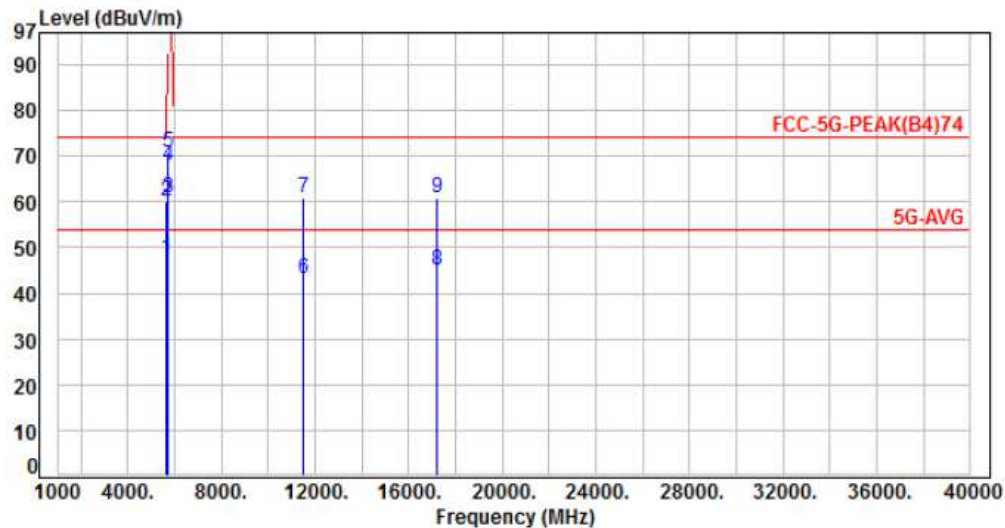
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 4, CH149	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	59.53	47.44	54.00	-6.56	Average	231	52	P
2	5650.00	-12.09	72.15	60.06	74.00	-13.94	Peak	231	52	P
3	5700.00	-12.11	73.05	60.94	105.20	-44.26	Peak	231	52	P
4	5720.00	-12.12	79.85	67.73	110.80	-43.07	Peak	231	52	P
5	5725.00	-12.12	82.84	70.72	122.20	-51.48	Peak	231	52	P
6	11490.00	-6.25	49.26	43.01	54.00	-10.99	Average	197	126	P
7	11490.00	-6.25	67.10	60.85	74.00	-13.15	Peak	197	126	P
8	17235.00	1.48	43.59	45.07	54.00	-8.93	Average	179	123	P
9	17235.00	1.48	59.53	61.01	74.00	-12.99	Peak	179	123	P

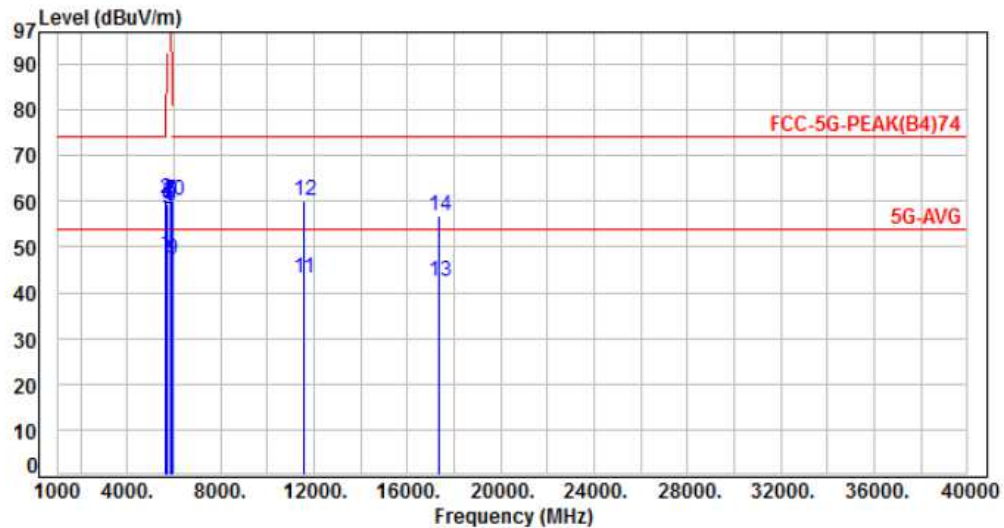
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 4, CH157	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.35	48.26	54.00	-5.74	Average	217	317	P
2	5650.00	-12.09	72.46	60.37	74.00	-13.63	Peak	217	317	P
3	5700.00	-12.11	70.46	58.35	105.20	-46.85	Peak	217	317	P
4	5720.00	-12.12	71.18	59.06	110.80	-51.74	Peak	217	317	P
5	5725.00	-12.12	71.64	59.52	122.20	-62.68	Peak	217	317	P
6	5850.00	-12.16	72.03	59.87	122.20	-62.33	Peak	217	317	P
7	5855.00	-12.16	72.11	59.95	110.80	-50.85	Peak	217	317	P
8	5875.00	-12.17	71.32	59.15	105.20	-46.05	Peak	217	317	P
9	5925.00	-12.18	59.38	47.20	54.00	-6.80	Average	217	317	P
10	5925.00	-12.18	72.25	60.07	74.00	-13.93	Peak	217	317	P
11	11570.00	-6.23	49.27	43.04	54.00	-10.96	Average	187	160	P
12	11570.00	-6.23	66.22	59.99	74.00	-14.01	Peak	187	160	P
13	17355.00	2.11	40.19	42.30	54.00	-11.70	Average	187	227	P
14	17355.00	2.11	54.67	56.78	74.00	-17.22	Peak	187	227	P

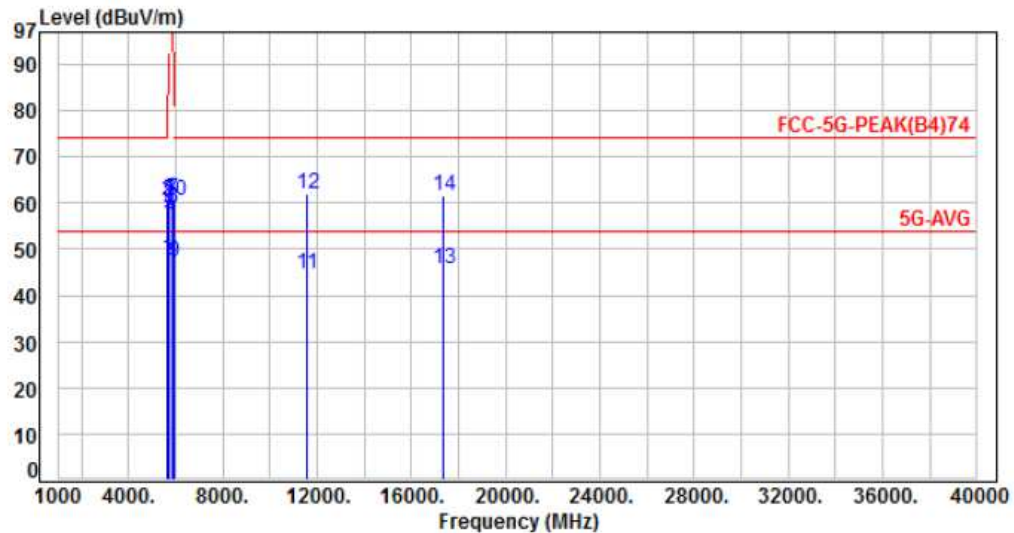
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 4, CH157	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.02	47.93	54.00	-6.07	Average	233	48	P
2	5650.00	-12.09	72.48	60.39	74.00	-13.61	Peak	233	48	P
3	5700.00	-12.11	69.46	57.35	105.20	-47.85	Peak	233	48	P
4	5720.00	-12.12	70.46	58.34	110.80	-52.46	Peak	233	48	P
5	5725.00	-12.12	72.74	60.62	122.20	-61.58	Peak	233	48	P
6	5850.00	-12.16	70.94	58.78	122.20	-63.42	Peak	233	48	P
7	5855.00	-12.16	72.84	60.68	110.80	-50.12	Peak	233	48	P
8	5875.00	-12.17	71.31	59.14	105.20	-46.06	Peak	233	48	P
9	5925.00	-12.18	59.34	47.16	54.00	-6.84	Average	233	48	P
10	5925.00	-12.18	72.58	60.40	74.00	-13.60	Peak	233	48	P
11	11570.00	-6.23	50.73	44.50	54.00	-9.50	Average	194	128	P
12	11570.00	-6.23	68.31	62.08	74.00	-11.92	Peak	194	128	P
13	17355.00	2.11	43.67	45.78	54.00	-8.22	Average	178	121	P
14	17355.00	2.11	59.44	61.55	74.00	-12.45	Peak	178	121	P

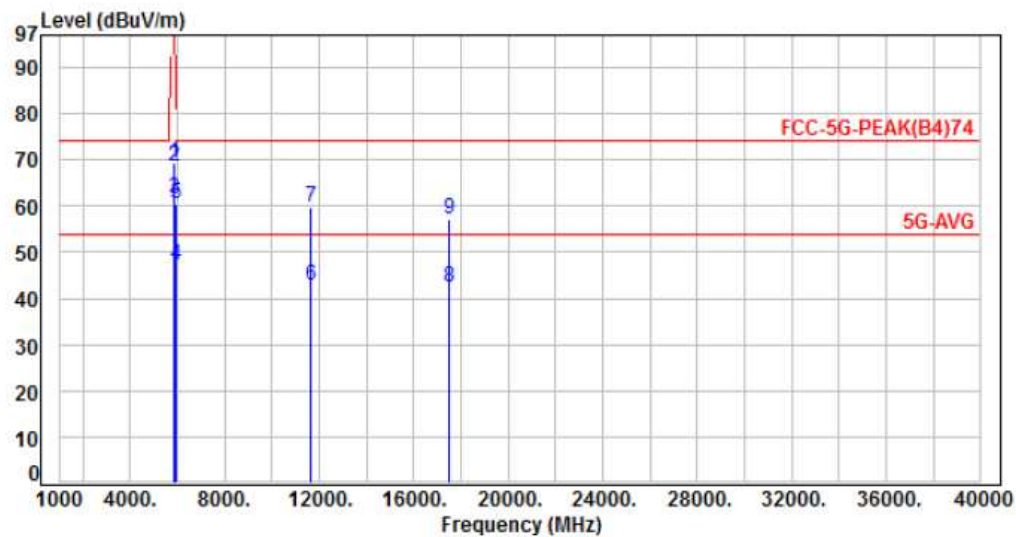
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 4, CH165	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	81.33	69.17	122.20	-53.03	Peak	221	312	P
2	5855.00	-12.16	80.65	68.49	110.80	-42.31	Peak	221	312	P
3	5875.00	-12.17	73.60	61.43	105.20	-43.77	Peak	221	312	P
4	5925.00	-12.18	59.22	47.04	54.00	-6.96	Average	221	312	P
5	5925.00	-12.18	72.58	60.40	74.00	-13.60	Peak	221	312	P
6	11650.00	-6.21	48.92	42.71	54.00	-11.29	Average	191	162	P
7	11650.00	-6.21	65.83	59.62	74.00	-14.38	Peak	191	162	P
8	17475.00	2.74	39.74	42.48	54.00	-11.52	Average	188	224	P
9	17475.00	2.74	54.28	57.02	74.00	-16.98	Peak	188	224	P

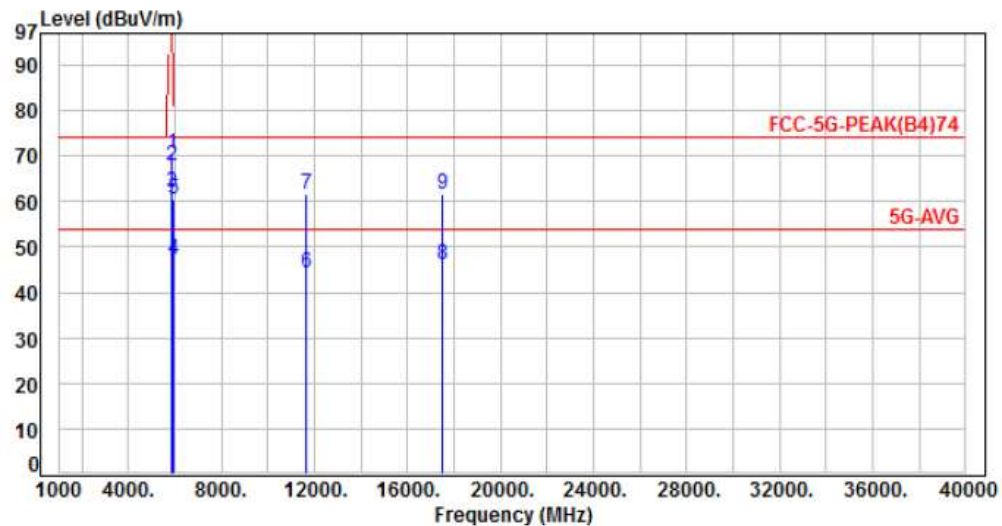
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 4, CH165	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	82.75	70.59	122.20	-51.61	Peak	234	46	P
2	5855.00	-12.16	79.97	67.81	110.80	-42.99	Peak	234	46	P
3	5875.00	-12.17	74.21	62.04	105.20	-43.16	Peak	234	46	P
4	5925.00	-12.18	59.37	47.19	54.00	-6.81	Average	234	46	P
5	5925.00	-12.18	72.49	60.31	74.00	-13.69	Peak	234	46	P
6	11650.00	-6.21	50.32	44.11	54.00	-9.89	Average	191	132	P
7	11650.00	-6.21	67.88	61.67	74.00	-12.33	Peak	191	132	P
8	17475.00	2.74	43.23	45.97	54.00	-8.03	Average	172	118	P
9	17475.00	2.74	58.95	61.69	74.00	-12.31	Peak	172	118	P

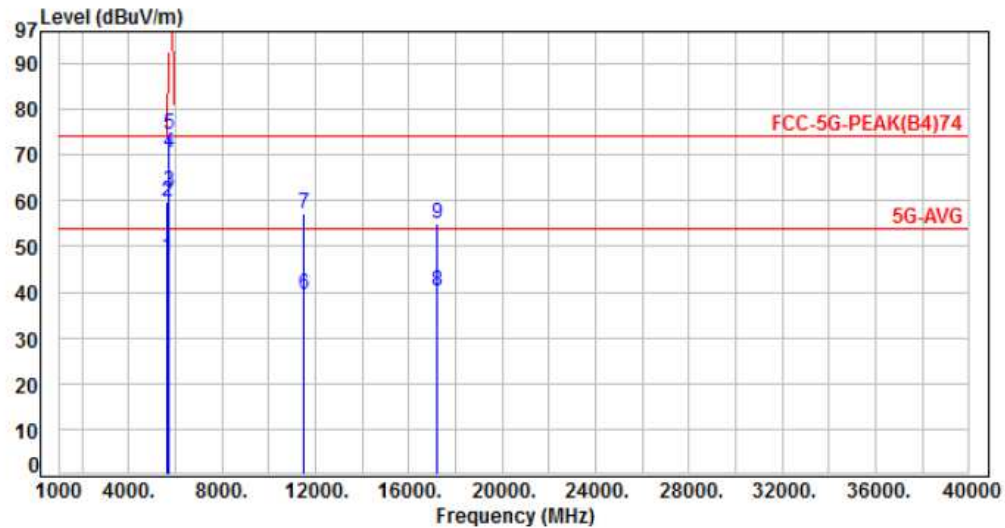
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 4, CH149	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	59.52	47.43	54.00	-6.57	Average	214	308	P
2	5650.00	-12.09	71.94	59.85	74.00	-14.15	Peak	214	308	P
3	5700.00	-12.11	73.96	61.85	105.20	-43.35	Peak	214	308	P
4	5720.00	-12.12	82.67	70.55	110.80	-40.25	Peak	214	308	P
5	5725.00	-12.12	86.52	74.40	122.20	-47.80	Peak	214	308	P
6	11490.00	-6.25	45.54	39.29	54.00	-14.71	Average	188	162	P
7	11490.00	-6.25	63.38	57.13	74.00	-16.87	Peak	188	162	P
8	17235.00	1.48	38.58	40.06	54.00	-13.94	Average	178	219	P
9	17235.00	1.48	53.46	54.94	74.00	-19.06	Peak	178	219	P

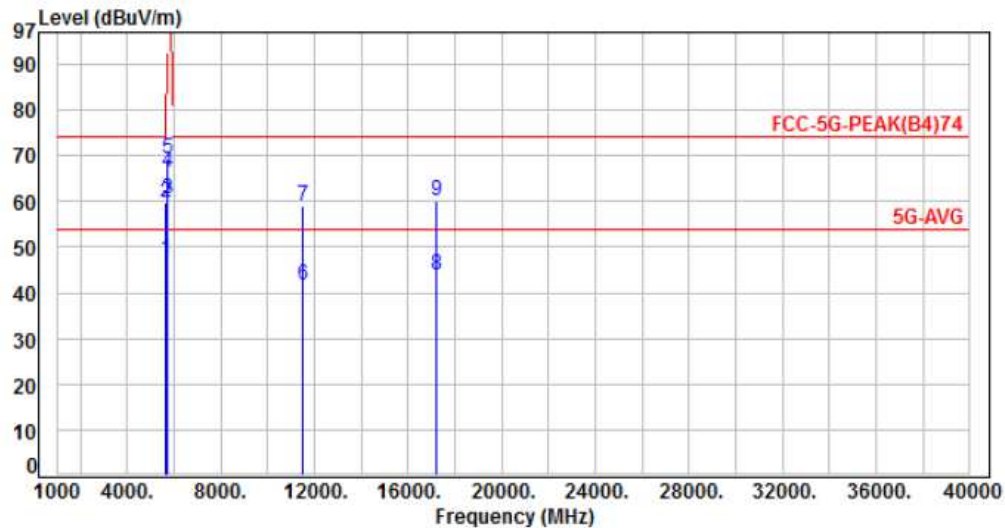
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 4, CH149	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	59.27	47.18	54.00	-6.82	Average	227	58	P
2	5650.00	-12.09	71.89	59.80	74.00	-14.20	Peak	227	58	P
3	5700.00	-12.11	72.63	60.52	105.20	-44.68	Peak	227	58	P
4	5720.00	-12.12	78.56	66.44	110.80	-44.36	Peak	227	58	P
5	5725.00	-12.12	81.38	69.26	122.20	-52.94	Peak	227	58	P
6	11490.00	-6.25	47.82	41.57	54.00	-12.43	Average	192	133	P
7	11490.00	-6.25	65.26	59.01	74.00	-14.99	Peak	192	133	P
8	17235.00	1.48	42.39	43.87	54.00	-10.13	Average	181	126	P
9	17235.00	1.48	58.72	60.20	74.00	-13.80	Peak	181	126	P

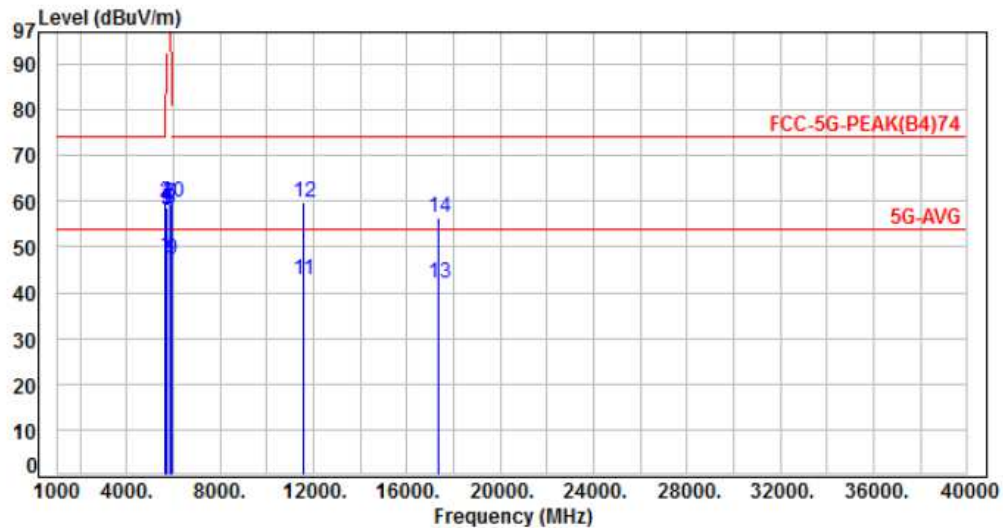
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 4, CH157	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	59.88	47.79	54.00	-6.21	Average	215	312	P
2	5650.00	-12.09	71.96	59.87	74.00	-14.13	Peak	215	312	P
3	5700.00	-12.11	69.88	57.77	105.20	-47.43	Peak	215	312	P
4	5720.00	-12.12	70.77	58.65	110.80	-52.15	Peak	215	312	P
5	5725.00	-12.12	70.38	58.26	122.20	-63.94	Peak	215	312	P
6	5850.00	-12.16	71.37	59.21	122.20	-62.99	Peak	215	312	P
7	5855.00	-12.16	71.54	59.38	110.80	-51.42	Peak	215	312	P
8	5875.00	-12.17	70.49	58.32	105.20	-46.88	Peak	215	312	P
9	5925.00	-12.18	59.34	47.16	54.00	-6.84	Average	215	312	P
10	5925.00	-12.18	72.03	59.85	74.00	-14.15	Peak	215	312	P
11	11570.00	-6.23	48.98	42.75	54.00	-11.25	Average	185	159	P
12	11570.00	-6.23	66.08	59.85	74.00	-14.15	Peak	185	159	P
13	17355.00	2.11	39.78	41.89	54.00	-12.11	Average	192	231	P
14	17355.00	2.11	54.15	56.26	74.00	-17.74	Peak	192	231	P

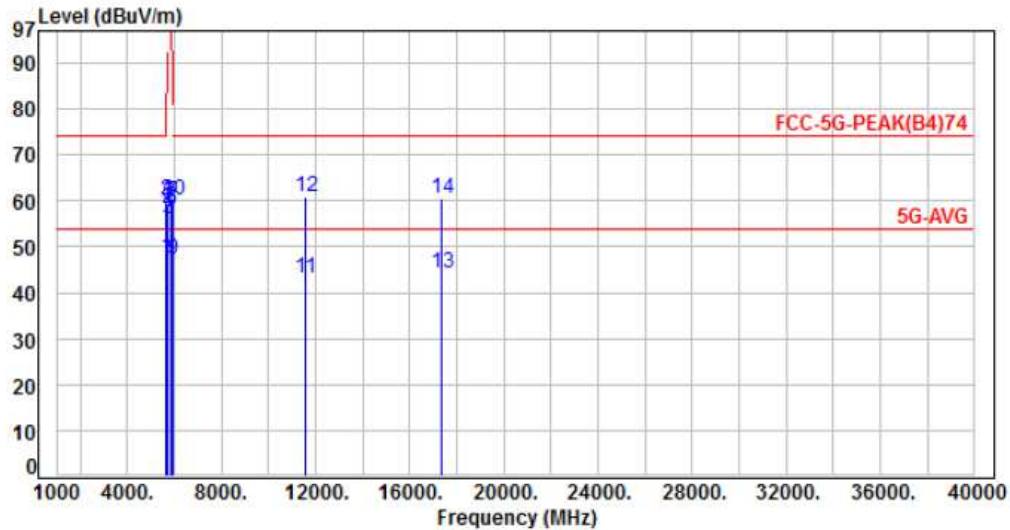
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 4, CH157	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	59.84	47.75	54.00	-6.25	Average	228	53	P
2	5650.00	-12.09	72.12	60.03	74.00	-13.97	Peak	228	53	P
3	5700.00	-12.11	68.25	56.14	105.20	-49.06	Peak	228	53	P
4	5720.00	-12.12	69.67	57.55	110.80	-53.25	Peak	228	53	P
5	5725.00	-12.12	71.34	59.22	122.20	-62.98	Peak	228	53	P
6	5850.00	-12.16	69.89	57.73	122.20	-64.47	Peak	228	53	P
7	5855.00	-12.16	71.97	59.81	110.80	-50.99	Peak	228	53	P
8	5875.00	-12.17	70.65	58.48	105.20	-46.72	Peak	228	53	P
9	5925.00	-12.18	59.23	47.05	54.00	-6.95	Average	228	53	P
10	5925.00	-12.18	72.22	60.04	74.00	-13.96	Peak	228	53	P
11	11570.00	-6.23	49.39	43.16	54.00	-10.84	Average	185	137	P
12	11570.00	-6.23	67.21	60.98	74.00	-13.02	Peak	185	137	P
13	17355.00	2.11	42.15	44.26	54.00	-9.74	Average	182	118	P
14	17355.00	2.11	58.52	60.63	74.00	-13.37	Peak	182	118	P

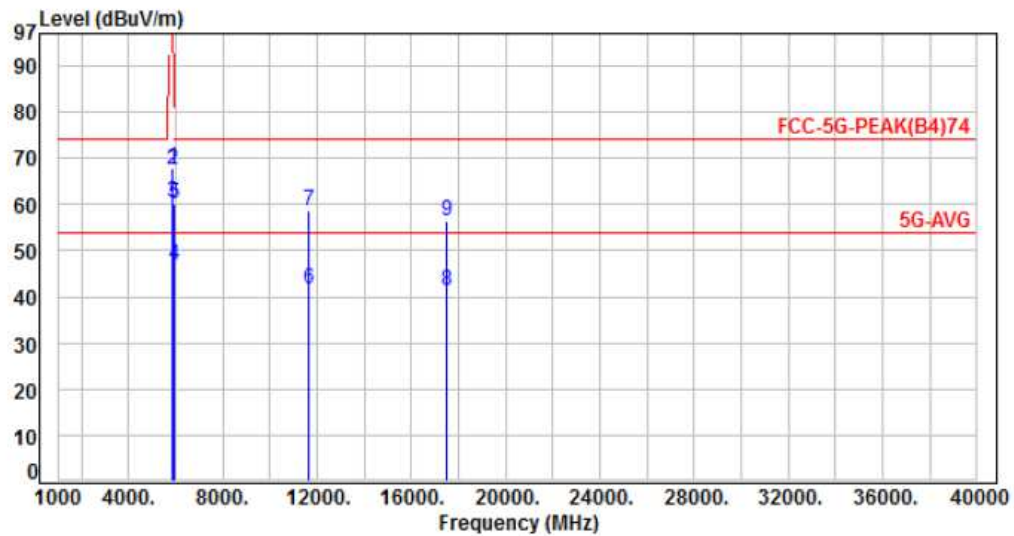
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 4, CH165	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	80.12	67.96	122.20	-54.24	Peak	218	325	P
2	5855.00	-12.16	79.56	67.40	110.80	-43.40	Peak	218	325	P
3	5875.00	-12.17	72.49	60.32	105.20	-44.88	Peak	218	325	P
4	5925.00	-12.18	58.94	46.76	54.00	-7.24	Average	218	325	P
5	5925.00	-12.18	72.12	59.94	74.00	-14.06	Peak	218	325	P
6	11650.00	-6.21	47.83	41.62	54.00	-12.38	Average	188	159	P
7	11650.00	-6.21	64.92	58.71	74.00	-15.29	Peak	188	159	P
8	17475.00	2.74	38.51	41.25	54.00	-12.75	Average	173	216	P
9	17475.00	2.74	53.74	56.48	74.00	-17.52	Peak	173	216	P

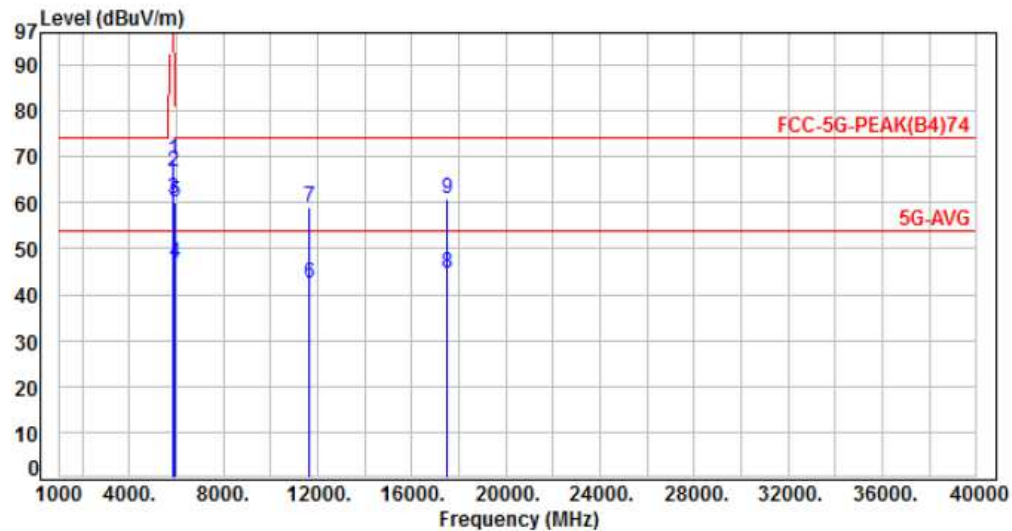
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 4, CH165	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	81.39	69.23	122.20	-52.97	Peak	228	49	P
2	5855.00	-12.16	78.85	66.69	110.80	-44.11	Peak	228	49	P
3	5875.00	-12.17	73.02	60.85	105.20	-44.35	Peak	228	49	P
4	5925.00	-12.18	59.16	46.98	54.00	-7.02	Average	228	49	P
5	5925.00	-12.18	72.38	60.20	74.00	-13.80	Peak	228	49	P
6	11650.00	-6.21	48.65	42.44	54.00	-11.56	Average	192	143	P
7	11650.00	-6.21	65.39	59.18	74.00	-14.82	Peak	192	143	P
8	17475.00	2.74	41.84	44.58	54.00	-9.42	Average	175	126	P
9	17475.00	2.74	58.12	60.86	74.00	-13.14	Peak	175	126	P

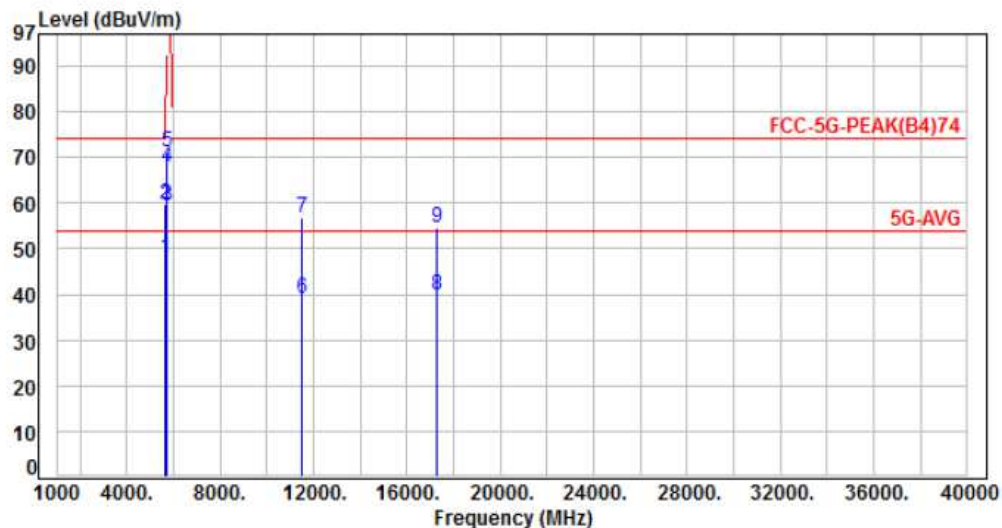
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 4, CH151	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.10	48.01	54.00	-5.99	Average	207	305	P
2	5650.00	-12.09	71.89	59.80	74.00	-14.20	Peak	207	305	P
3	5700.00	-12.11	71.49	59.38	105.20	-45.82	Peak	207	305	P
4	5720.00	-12.12	79.96	67.84	110.80	-42.96	Peak	207	305	P
5	5725.00	-12.12	83.16	71.04	122.20	-51.16	Peak	207	305	P
6	11510.00	-6.26	45.32	39.06	54.00	-14.94	Average	192	157	P
7	11510.00	-6.26	63.14	56.88	74.00	-17.12	Peak	192	157	P
8	17265.00	1.65	38.24	39.89	54.00	-14.11	Average	182	216	P
9	17265.00	1.65	53.10	54.75	74.00	-19.25	Peak	182	216	P

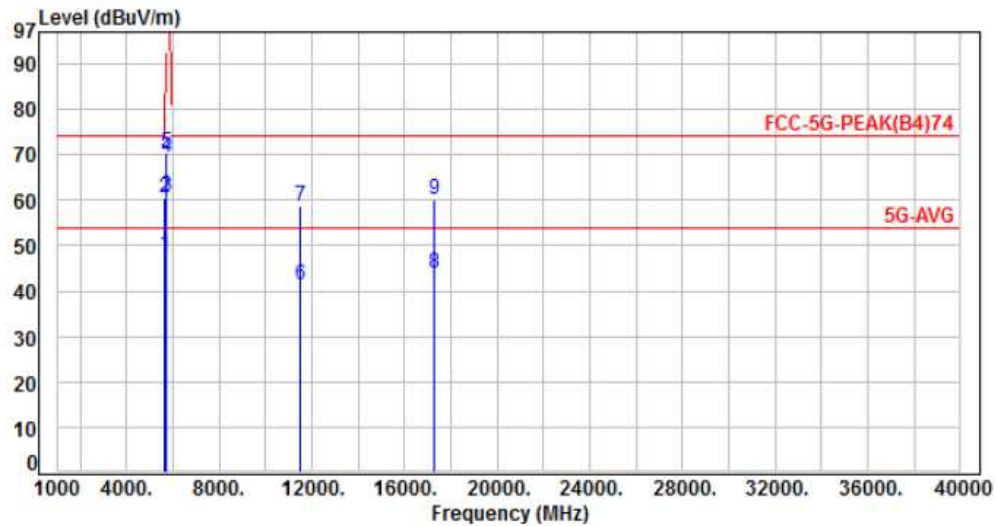
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, Band 4, CH151	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.17	48.08	54.00	-5.92	Average	235	133	P
2	5650.00	-12.09	72.47	60.38	74.00	-13.62	Peak	235	133	P
3	5700.00	-12.11	72.92	60.81	105.20	-44.39	Peak	235	133	P
4	5720.00	-12.12	81.47	69.35	110.80	-41.45	Peak	235	133	P
5	5725.00	-12.12	82.68	70.56	122.20	-51.64	Peak	235	133	P
6	11510.00	-6.26	47.54	41.28	54.00	-12.72	Average	191	135	P
7	11510.00	-6.26	64.88	58.62	74.00	-15.38	Peak	191	135	P
8	17265.00	1.65	42.17	43.82	54.00	-10.18	Average	179	124	P
9	17265.00	1.65	58.47	60.12	74.00	-13.88	Peak	179	124	P

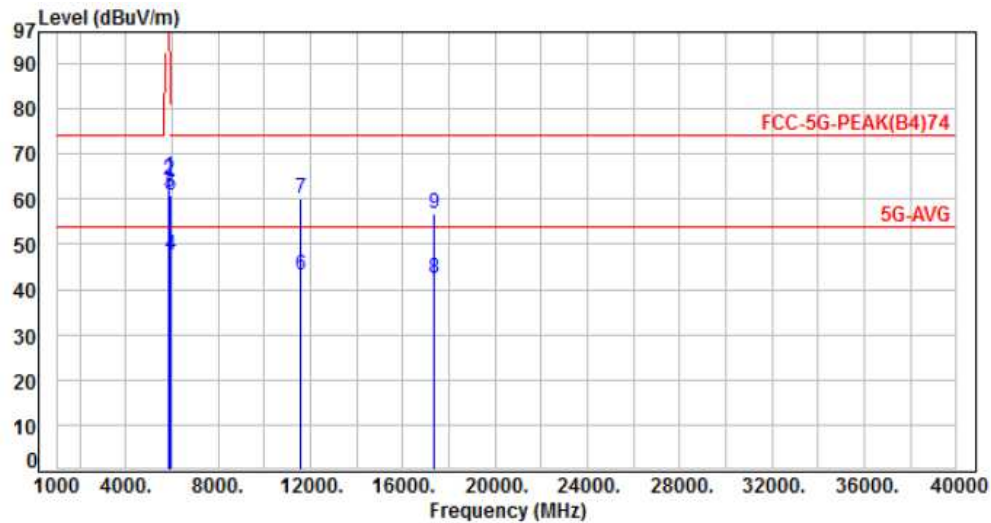
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 4, CH159	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	76.95	64.79	122.20	-57.41	Peak	212	308	P
2	5855.00	-12.16	76.27	64.11	110.80	-46.69	Peak	212	308	P
3	5875.00	-12.17	73.76	61.59	105.20	-43.61	Peak	212	308	P
4	5925.00	-12.18	59.67	47.49	54.00	-6.51	Average	212	308	P
5	5925.00	-12.18	73.14	60.96	74.00	-13.04	Peak	212	308	P
6	11590.00	-6.23	49.32	43.09	54.00	-10.91	Average	187	154	P
7	11590.00	-6.23	66.34	60.11	74.00	-13.89	Peak	187	154	P
8	17385.00	2.26	40.12	42.38	54.00	-11.62	Average	189	237	P
9	17385.00	2.26	54.49	56.75	74.00	-17.25	Peak	189	237	P

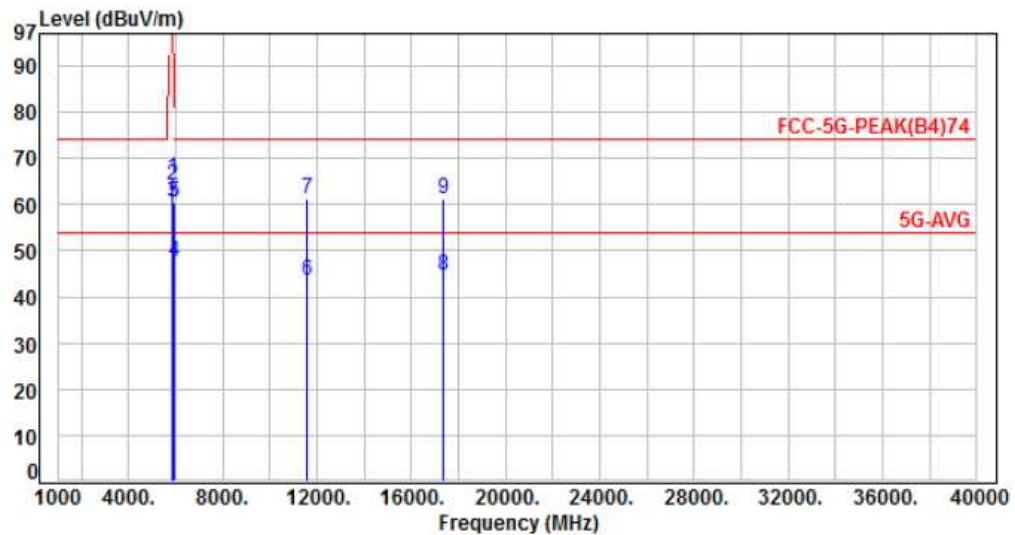
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, Band 4, CH159	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	77.69	65.53	122.20	-56.67	Peak	219	47	P
2	5855.00	-12.16	76.43	64.27	110.80	-46.53	Peak	219	47	P
3	5875.00	-12.17	72.54	60.37	105.20	-44.83	Peak	219	47	P
4	5925.00	-12.18	59.81	47.63	54.00	-6.37	Average	219	47	P
5	5925.00	-12.18	72.73	60.55	74.00	-13.45	Peak	219	47	P
6	11590.00	-6.23	49.67	43.44	54.00	-10.56	Average	182	143	P
7	11590.00	-6.23	67.53	61.30	74.00	-12.70	Peak	182	143	P
8	17385.00	2.26	42.44	44.70	54.00	-9.30	Average	193	125	P
9	17385.00	2.26	58.86	61.12	74.00	-12.88	Peak	193	125	P

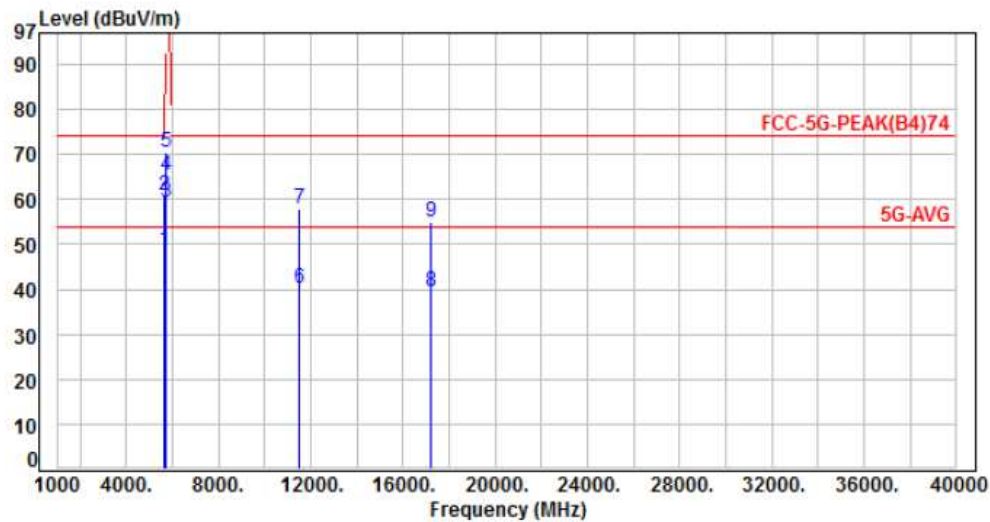
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 4, CH149	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.78	48.69	54.00	-5.31	Average	101	145	P
2	5650.00	-12.09	72.84	60.75	74.00	-13.25	Peak	101	145	P
3	5700.00	-12.11	71.52	59.41	105.20	-45.79	Peak	101	145	P
4	5720.00	-12.12	77.51	65.39	110.80	-45.41	Peak	101	145	P
5	5725.00	-12.12	82.53	70.41	122.20	-51.79	Peak	101	145	P
6	11490.00	-6.25	46.29	40.04	54.00	-13.96	Average	175	165	P
7	11490.00	-6.25	64.22	57.97	74.00	-16.03	Peak	175	165	P
8	17235.00	1.48	37.87	39.35	54.00	-14.65	Average	237	160	P
9	17235.00	1.48	53.34	54.82	74.00	-19.18	Peak	237	160	P

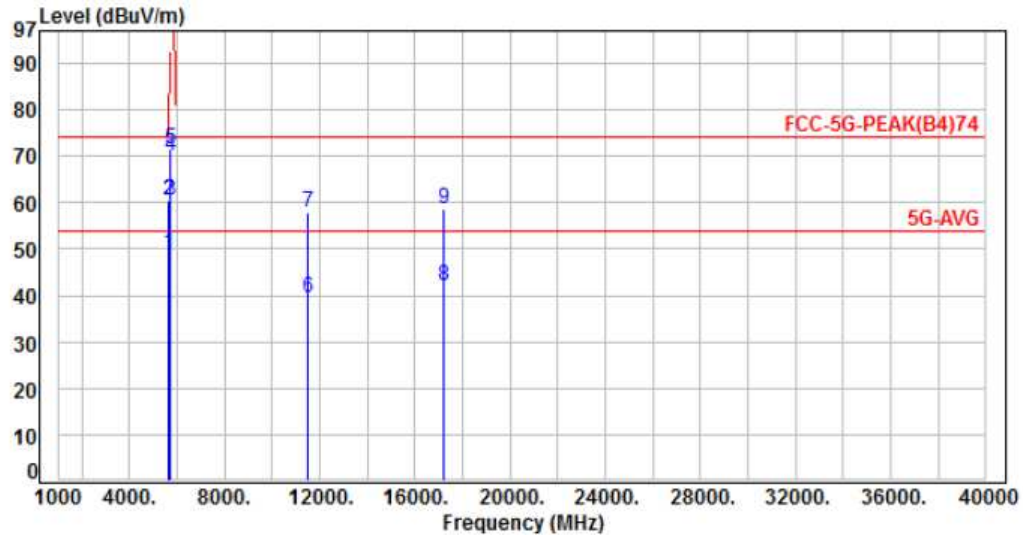
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 4, CH149	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	61.27	49.18	54.00	-4.82	Average	101	125	P
2	5650.00	-12.09	72.69	60.60	74.00	-13.40	Peak	101	125	P
3	5700.00	-12.11	72.66	60.55	105.20	-44.65	Peak	101	125	P
4	5720.00	-12.12	82.19	70.07	110.80	-40.73	Peak	101	125	P
5	5725.00	-12.12	83.50	71.38	122.20	-50.82	Peak	101	125	P
6	11490.00	-6.25	45.85	39.60	54.00	-14.40	Average	206	126	P
7	11490.00	-6.25	64.07	57.82	74.00	-16.18	Peak	206	126	P
8	17235.00	1.48	40.58	42.06	54.00	-11.94	Average	166	167	P
9	17235.00	1.48	57.20	58.68	74.00	-15.32	Peak	166	167	P

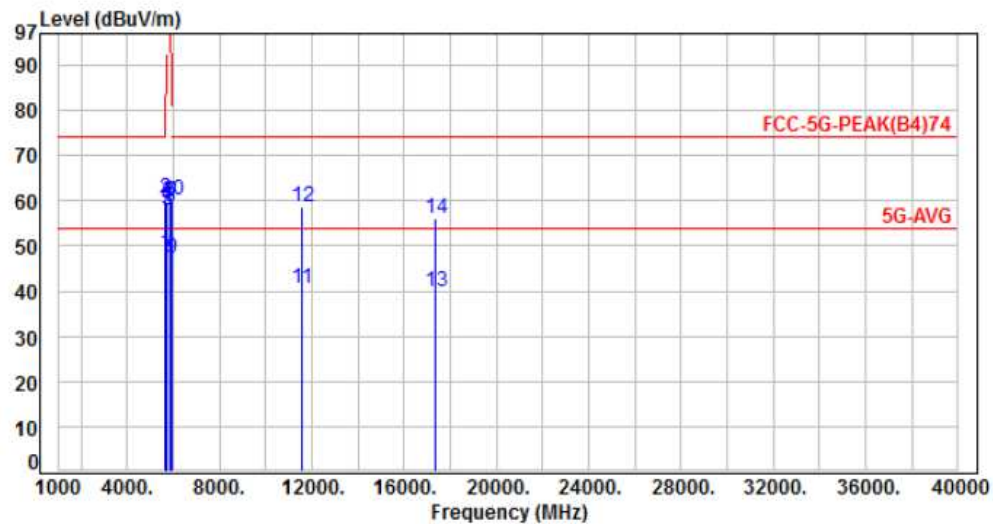
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 4, CH157	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.59	48.50	54.00	-5.50	Average	106	152	P
2	5650.00	-12.09	72.66	60.57	74.00	-13.43	Peak	106	152	P
3	5700.00	-12.11	70.15	58.04	105.20	-47.16	Peak	106	152	P
4	5720.00	-12.12	71.07	58.95	110.80	-51.85	Peak	106	152	P
5	5725.00	-12.12	71.37	59.25	122.20	-62.95	Peak	106	152	P
6	5850.00	-12.16	71.89	59.73	122.20	-62.47	Peak	106	152	P
7	5855.00	-12.16	72.03	59.87	110.80	-50.93	Peak	106	152	P
8	5875.00	-12.17	70.98	58.81	105.20	-46.39	Peak	106	152	P
9	5925.00	-12.18	59.25	47.07	54.00	-6.93	Average	106	152	P
10	5925.00	-12.18	72.13	59.95	74.00	-14.05	Peak	106	152	P
11	11570.00	-6.23	46.76	40.53	54.00	-13.47	Average	178	166	P
12	11570.00	-6.23	64.89	58.66	74.00	-15.34	Peak	178	166	P
13	17355.00	2.11	37.55	39.66	54.00	-14.34	Average	226	158	P
14	17355.00	2.11	53.78	55.89	74.00	-18.11	Peak	226	158	P

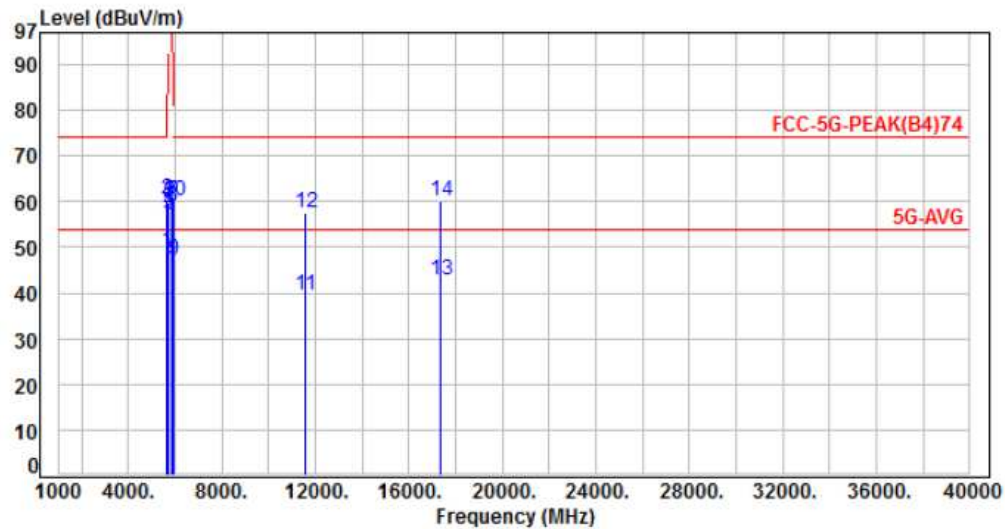
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 4, CH157	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	61.05	48.96	54.00	-5.04	Average	101	128	P
2	5650.00	-12.09	72.58	60.49	74.00	-13.51	Peak	101	128	P
3	5700.00	-12.11	69.26	57.15	105.20	-48.05	Peak	101	128	P
4	5720.00	-12.12	70.13	58.01	110.80	-52.79	Peak	101	128	P
5	5725.00	-12.12	71.94	59.82	122.20	-62.38	Peak	101	128	P
6	5850.00	-12.16	70.76	58.60	122.20	-63.60	Peak	101	128	P
7	5855.00	-12.16	72.33	60.17	110.80	-50.63	Peak	101	128	P
8	5875.00	-12.17	71.19	59.02	105.20	-46.18	Peak	101	128	P
9	5925.00	-12.18	59.25	47.07	54.00	-6.93	Average	101	128	P
10	5925.00	-12.18	72.37	60.19	74.00	-13.81	Peak	101	128	P
11	11570.00	-6.23	45.87	39.64	54.00	-14.36	Average	208	131	P
12	11570.00	-6.23	63.62	57.39	74.00	-16.61	Peak	208	131	P
13	17355.00	2.11	40.72	42.83	54.00	-11.17	Average	161	172	P
14	17355.00	2.11	57.92	60.03	74.00	-13.97	Peak	161	172	P

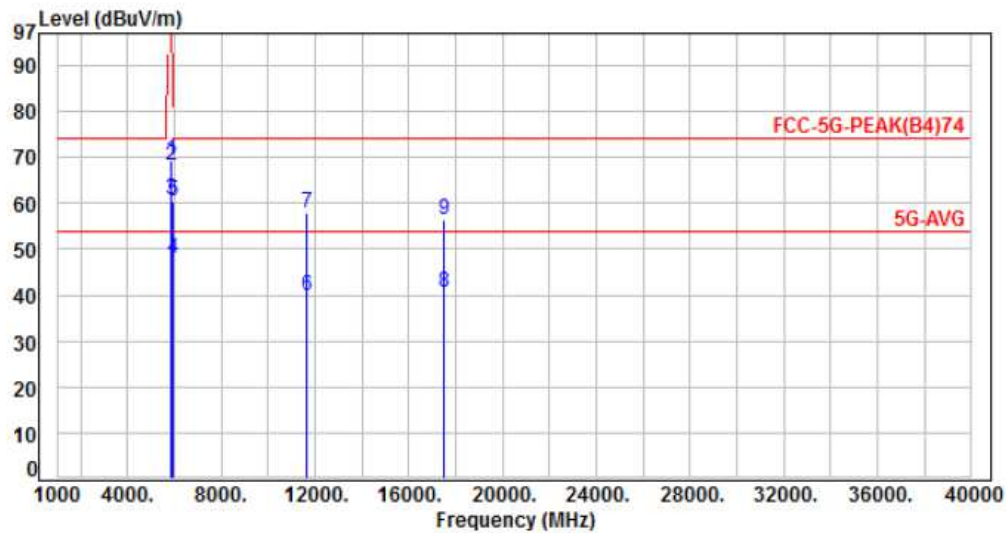
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 4, CH165	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	81.33	69.17	122.20	-53.03	Peak	101	159	P
2	5855.00	-12.16	80.43	68.27	110.80	-42.53	Peak	101	159	P
3	5875.00	-12.17	73.12	60.95	105.20	-44.25	Peak	101	159	P
4	5925.00	-12.18	60.08	47.90	54.00	-6.10	Average	101	159	P
5	5925.00	-12.18	72.69	60.51	74.00	-13.49	Peak	101	159	P
6	11650.00	-6.21	45.98	39.77	54.00	-14.23	Average	169	158	P
7	11650.00	-6.21	63.97	57.76	74.00	-16.24	Peak	169	158	P
8	17475.00	2.74	37.87	40.61	54.00	-13.39	Average	228	147	P
9	17475.00	2.74	53.77	56.51	74.00	-17.49	Peak	228	147	P

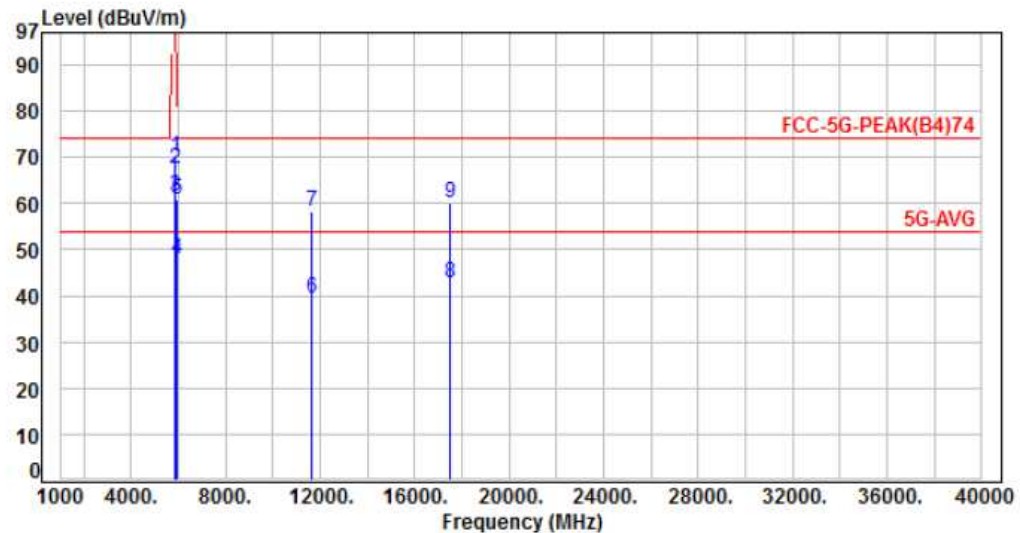
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 4, CH165	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	82.33	70.17	122.20	-52.03	Peak	101	124	P
2	5855.00	-12.16	79.75	67.59	110.80	-43.21	Peak	101	124	P
3	5875.00	-12.17	73.89	61.72	105.20	-43.48	Peak	101	124	P
4	5925.00	-12.18	60.29	48.11	54.00	-5.89	Average	101	124	P
5	5925.00	-12.18	72.89	60.71	74.00	-13.29	Peak	101	124	P
6	11650.00	-6.21	45.78	39.57	54.00	-14.43	Average	212	134	P
7	11650.00	-6.21	64.32	58.11	74.00	-15.89	Peak	212	134	P
8	17475.00	2.74	40.22	42.96	54.00	-11.04	Average	163	175	P
9	17475.00	2.74	57.36	60.10	74.00	-13.90	Peak	163	175	P

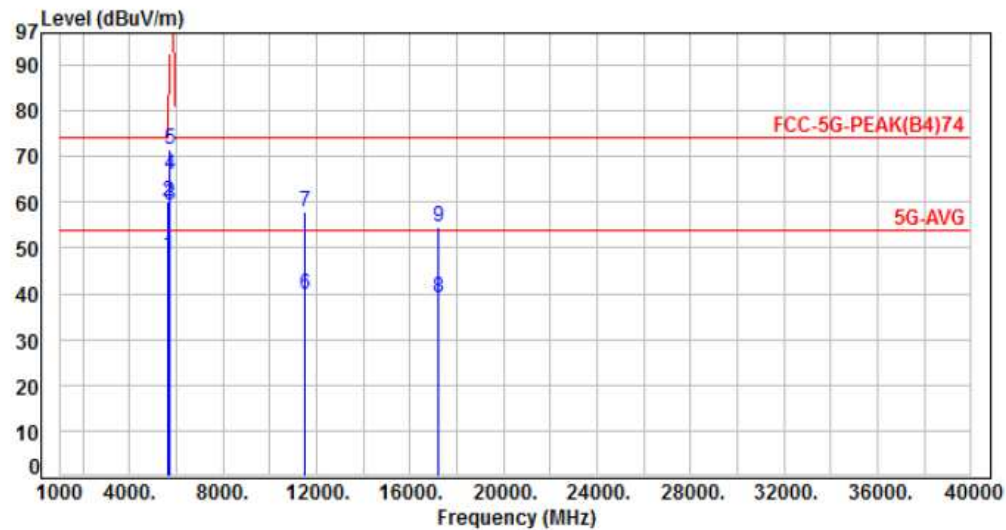
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 4, CH149	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.27	48.18	54.00	-5.82	Average	101	148	P
2	5650.00	-12.09	72.38	60.29	74.00	-13.71	Peak	101	148	P
3	5700.00	-12.11	71.33	59.22	105.20	-45.98	Peak	101	148	P
4	5720.00	-12.12	78.21	66.09	110.80	-44.71	Peak	101	148	P
5	5725.00	-12.12	83.66	71.54	122.20	-50.66	Peak	101	148	P
6	11490.00	-6.25	46.14	39.89	54.00	-14.11	Average	174	169	P
7	11490.00	-6.25	64.11	57.86	74.00	-16.14	Peak	174	169	P
8	17235.00	1.48	37.68	39.16	54.00	-14.84	Average	232	163	P
9	17235.00	1.48	53.16	54.64	74.00	-19.36	Peak	232	163	P

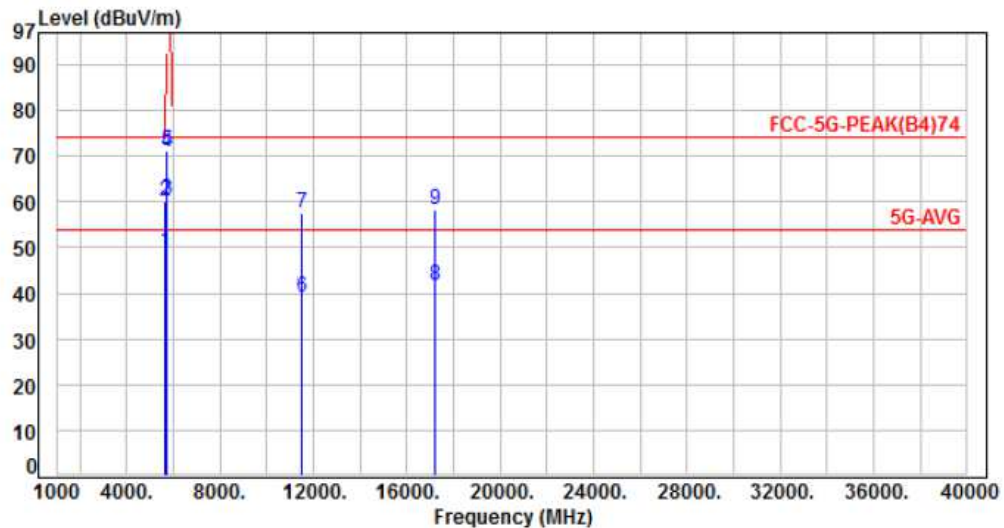
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 4, CH149	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	61.09	49.00	54.00	-5.00	Average	104	122	P
2	5650.00	-12.09	72.39	60.30	74.00	-13.70	Peak	104	122	P
3	5700.00	-12.11	72.48	60.37	105.20	-44.83	Peak	104	122	P
4	5720.00	-12.12	82.76	70.64	110.80	-40.16	Peak	104	122	P
5	5725.00	-12.12	83.13	71.01	122.20	-51.19	Peak	104	122	P
6	11490.00	-6.25	45.26	39.01	54.00	-14.99	Average	208	137	P
7	11490.00	-6.25	63.74	57.49	74.00	-16.51	Peak	208	137	P
8	17235.00	1.48	40.13	41.61	54.00	-12.39	Average	159	171	P
9	17235.00	1.48	56.89	58.37	74.00	-15.63	Peak	159	171	P

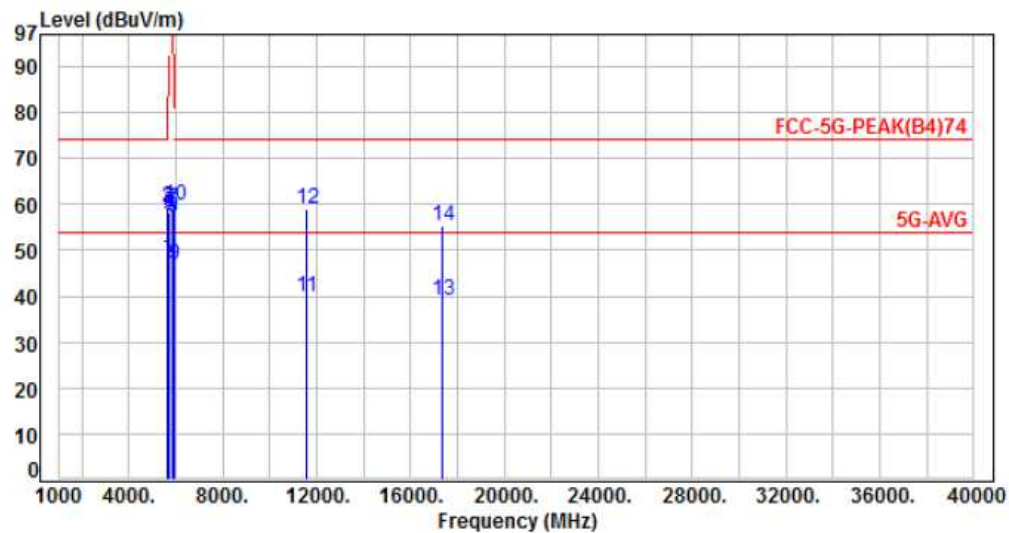
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 4, CH157	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.38	48.29	54.00	-5.71	Average	108	156	P
2	5650.00	-12.09	71.49	59.40	74.00	-14.60	Peak	108	156	P
3	5700.00	-12.11	69.66	57.55	105.20	-47.65	Peak	108	156	P
4	5720.00	-12.12	70.38	58.26	110.80	-52.54	Peak	108	156	P
5	5725.00	-12.12	70.25	58.13	122.20	-64.07	Peak	108	156	P
6	5850.00	-12.16	70.39	58.23	122.20	-63.97	Peak	108	156	P
7	5855.00	-12.16	71.22	59.06	110.80	-51.74	Peak	108	156	P
8	5875.00	-12.17	69.31	57.14	105.20	-48.06	Peak	108	156	P
9	5925.00	-12.18	59.13	46.95	54.00	-7.05	Average	108	156	P
10	5925.00	-12.18	71.97	59.79	74.00	-14.21	Peak	108	156	P
11	11570.00	-6.23	46.24	40.01	54.00	-13.99	Average	182	169	P
12	11570.00	-6.23	65.33	59.10	74.00	-14.90	Peak	182	169	P
13	17355.00	2.11	37.13	39.24	54.00	-14.76	Average	215	151	P
14	17355.00	2.11	53.35	55.46	74.00	-18.54	Peak	215	151	P

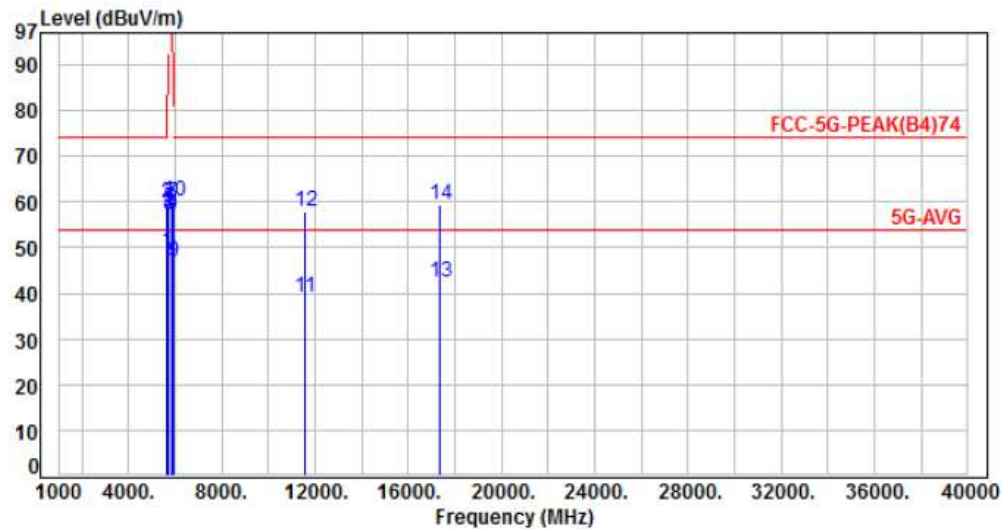
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 4, CH157	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.97	48.88	54.00	-5.12	Average	101	132	P
2	5650.00	-12.09	71.99	59.90	74.00	-14.10	Peak	101	132	P
3	5700.00	-12.11	69.45	57.34	105.20	-47.86	Peak	101	132	P
4	5720.00	-12.12	69.23	57.11	110.80	-53.69	Peak	101	132	P
5	5725.00	-12.12	70.88	58.76	122.20	-63.44	Peak	101	132	P
6	5850.00	-12.16	69.47	57.31	122.20	-64.89	Peak	101	132	P
7	5855.00	-12.16	71.82	59.66	110.80	-51.14	Peak	101	132	P
8	5875.00	-12.17	70.39	58.22	105.20	-46.98	Peak	101	132	P
9	5925.00	-12.18	59.17	46.99	54.00	-7.01	Average	101	132	P
10	5925.00	-12.18	72.28	60.10	74.00	-13.90	Peak	101	132	P
11	11570.00	-6.23	45.31	39.08	54.00	-14.92	Average	205	134	P
12	11570.00	-6.23	64.08	57.85	74.00	-16.15	Peak	205	134	P
13	17355.00	2.11	40.44	42.55	54.00	-11.45	Average	159	169	P
14	17355.00	2.11	57.45	59.56	74.00	-14.44	Peak	159	169	P

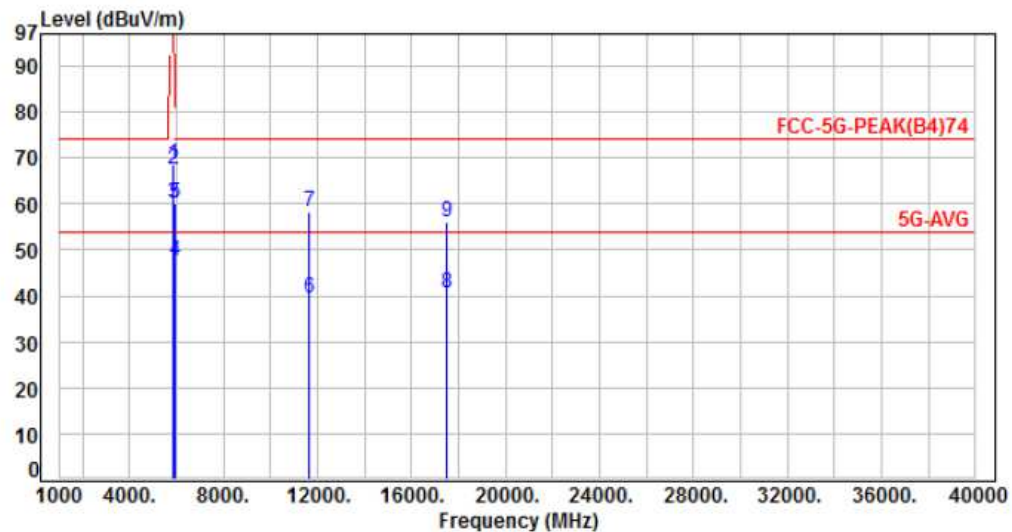
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 4, CH165	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	80.58	68.42	122.20	-53.78	Peak	101	161	P
2	5855.00	-12.16	79.69	67.53	110.80	-43.27	Peak	101	161	P
3	5875.00	-12.17	72.45	60.28	105.20	-44.92	Peak	101	161	P
4	5925.00	-12.18	59.84	47.66	54.00	-6.34	Average	101	161	P
5	5925.00	-12.18	72.47	60.29	74.00	-13.71	Peak	101	161	P
6	11650.00	-6.21	45.52	39.31	54.00	-14.69	Average	172	155	P
7	11650.00	-6.21	64.36	58.15	74.00	-15.85	Peak	172	155	P
8	17475.00	2.74	37.67	40.41	54.00	-13.59	Average	218	136	P
9	17475.00	2.74	53.27	56.01	74.00	-17.99	Peak	218	136	P

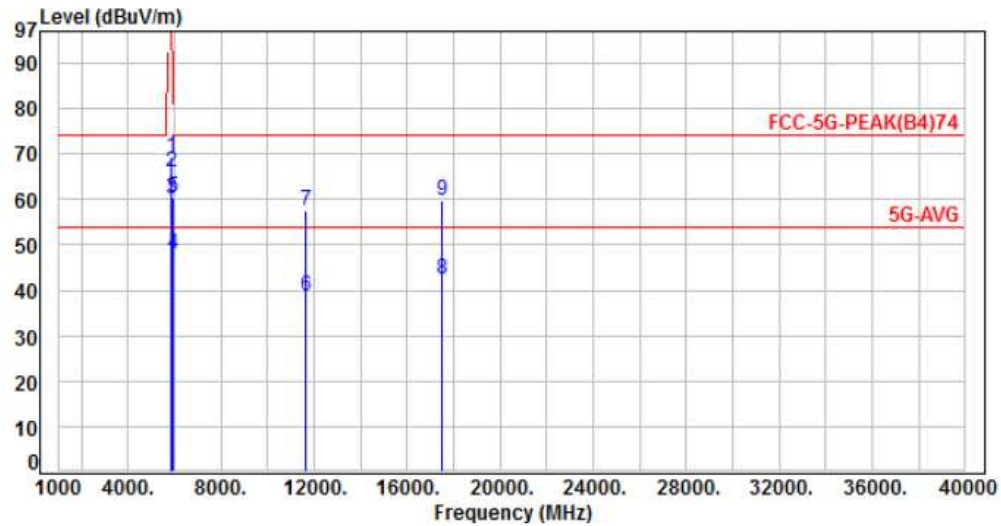
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 4, CH165	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	81.47	69.31	122.20	-52.89	Peak	101	129	P
2	5855.00	-12.16	78.35	66.19	110.80	-44.61	Peak	101	129	P
3	5875.00	-12.17	72.33	60.16	105.20	-45.04	Peak	101	129	P
4	5925.00	-12.18	60.20	48.02	54.00	-5.98	Average	101	129	P
5	5925.00	-12.18	72.57	60.39	74.00	-13.61	Peak	101	129	P
6	11650.00	-6.21	44.83	38.62	54.00	-15.38	Average	214	141	P
7	11650.00	-6.21	63.91	57.70	74.00	-16.30	Peak	214	141	P
8	17475.00	2.74	39.75	42.49	54.00	-11.51	Average	165	174	P
9	17475.00	2.74	56.90	59.64	74.00	-14.36	Peak	165	174	P

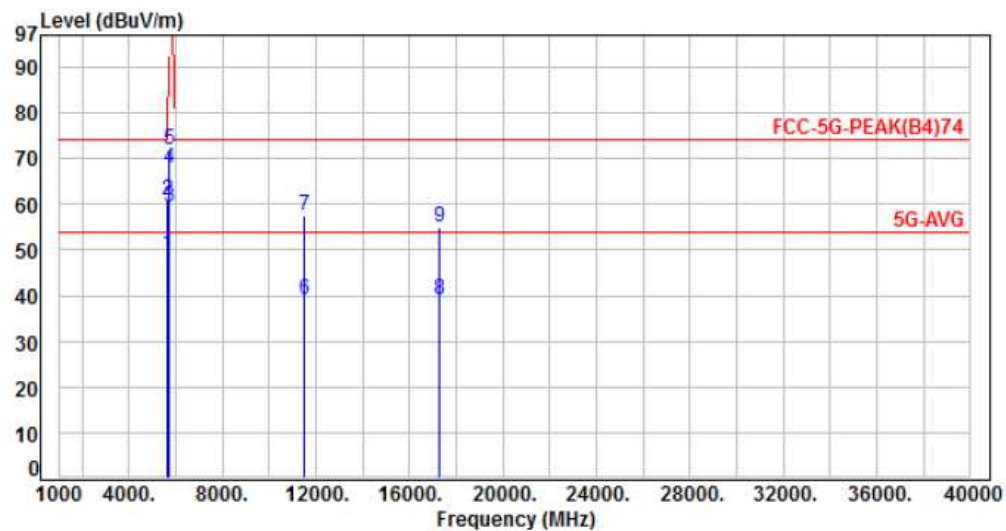
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 4, CH151	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	60.98	48.89	54.00	-5.11	Average	101	153	P
2	5650.00	-12.09	72.84	60.75	74.00	-13.25	Peak	101	153	P
3	5700.00	-12.11	71.64	59.53	105.20	-45.67	Peak	101	153	P
4	5720.00	-12.12	80.16	68.04	110.80	-42.76	Peak	101	153	P
5	5725.00	-12.12	83.89	71.77	122.20	-50.43	Peak	101	153	P
6	11510.00	-6.26	45.18	38.92	54.00	-15.08	Average	172	147	P
7	11510.00	-6.26	63.77	57.51	74.00	-16.49	Peak	172	147	P
8	17265.00	1.65	37.28	38.93	54.00	-15.07	Average	216	158	P
9	17265.00	1.65	53.41	55.06	74.00	-18.94	Peak	216	158	P

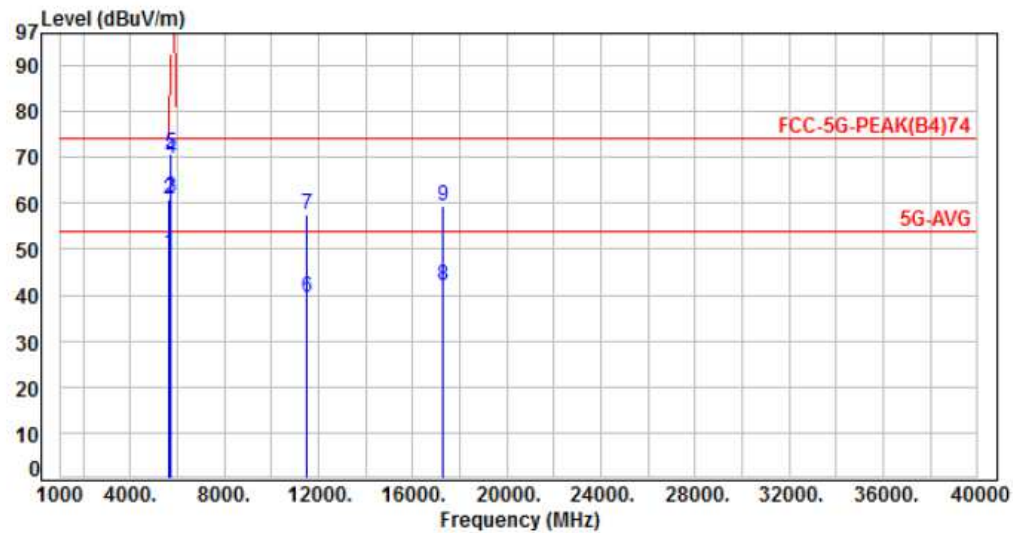
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 4, CH151	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	-12.09	61.12	49.03	54.00	-4.97	Average	102	121	P
2	5650.00	-12.09	73.11	61.02	74.00	-12.98	Peak	102	121	P
3	5700.00	-12.11	73.15	61.04	105.20	-44.16	Peak	102	121	P
4	5720.00	-12.12	81.98	69.86	110.80	-40.94	Peak	102	121	P
5	5725.00	-12.12	83.09	70.97	122.20	-51.23	Peak	102	121	P
6	11510.00	-6.26	45.89	39.63	54.00	-14.37	Average	207	133	P
7	11510.00	-6.26	63.97	57.71	74.00	-16.29	Peak	207	133	P
8	17265.00	1.65	40.24	41.89	54.00	-12.11	Average	166	182	P
9	17265.00	1.65	57.57	59.22	74.00	-14.78	Peak	166	182	P

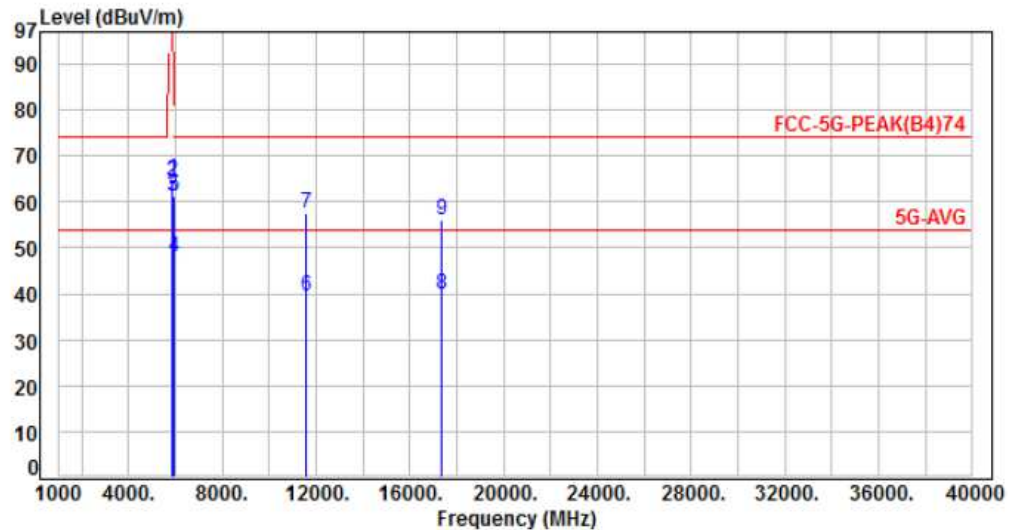
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 4, CH159	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	77.15	64.99	122.20	-57.21	Peak	116	149	P
2	5855.00	-12.16	76.88	64.72	110.80	-46.08	Peak	116	149	P
3	5875.00	-12.17	73.52	61.35	105.20	-43.85	Peak	116	149	P
4	5925.00	-12.18	60.15	47.97	54.00	-6.03	Average	116	149	P
5	5925.00	-12.18	73.58	61.40	74.00	-12.60	Peak	116	149	P
6	11590.00	-6.23	45.61	39.38	54.00	-14.62	Average	179	166	P
7	11590.00	-6.23	63.75	57.52	74.00	-16.48	Peak	179	166	P
8	17385.00	2.26	37.45	39.71	54.00	-14.29	Average	215	163	P
9	17385.00	2.26	53.86	56.12	74.00	-17.88	Peak	215	163	P

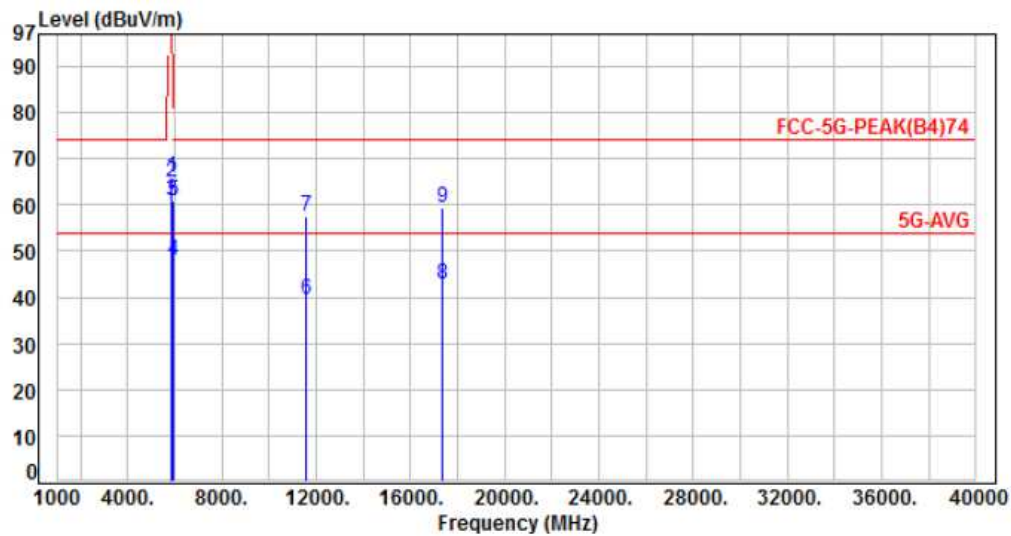
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 4, CH159	Temperature	: 24 °C
Test Date	: Sep. 02, 2017	Humidity	: 63 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	-12.16	78.35	66.19	122.20	-56.01	Peak	101	128	P
2	5855.00	-12.16	77.24	65.08	110.80	-45.72	Peak	101	128	P
3	5875.00	-12.17	73.18	61.01	105.20	-44.19	Peak	101	128	P
4	5925.00	-12.18	60.31	48.13	54.00	-5.87	Average	101	128	P
5	5925.00	-12.18	73.11	60.93	74.00	-13.07	Peak	101	128	P
6	11590.00	-6.23	45.82	39.59	54.00	-14.41	Average	191	145	P
7	11590.00	-6.23	63.87	57.64	74.00	-16.36	Peak	191	145	P
8	17385.00	2.26	40.61	42.87	54.00	-11.13	Average	159	183	P
9	17385.00	2.26	57.22	59.48	74.00	-14.52	Peak	159	183	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

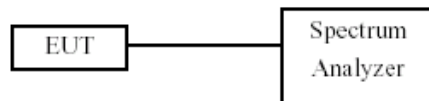
7.1. Test Limit

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

Temperature: 23°C

Humidity: 60%

Test Date: Sep. 19, 2017

Test Mode: 1TX

Modulation Type	On Time (msec)	Period Time (msec)	Duty Cycle (%)	1/T Minimum VBW(Hz)	Duty Cycle correction Factor (dB)
802.11a	2.09	2.17	96.31%	478.93	0.16
802.11n HT20	1.95	2.03	96.06%	513.35	0.17
802.11n HT40	0.97	1.05	92.37%	1033.06	0.34

Temperature: 23°C

Humidity: 60%

Test Date: Sep. 19, 2017

Test Mode: 2TX

Modulation Type	On Time (msec)	Period Time (msec)	Duty Cycle (%)	1/T Minimum VBW(Hz)	Duty Cycle correction Factor (dB)
802.11a	2.09	2.17	96.31%	478.93	0.16
802.11n HT20	1.95	2.03	96.06%	513.35	0.17
802.11n HT40	0.97	1.05	92.37%	1033.06	0.34

7.5. Measurement Methods

26 dB and 6dB Emission BW	KDB 789033 D02 v01, Section C
99% Occupied BW	KDB 789033 D02 v01, Section D
Conducted Output Power	KDB 789033 D02 v01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 D02 v01, Section F
Unwanted emissions in restricted bands	KDB 789033 D02 v01, Sections G and H
Unwanted emissions in non-restricted bands	KDB 789033 D02 v01, Sections G and H



8. 6dB Bandwidth

8.1. Test Limit

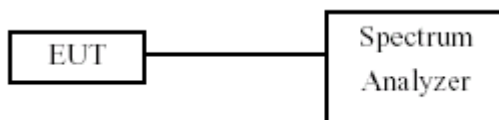
FCC §15.407

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

Temperature: 23°C

Humidity: 60%

Test Date: Sep. 19, 2017

Test Mode: 1TX

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
			ANT A	
802.11a	149	5745	15.80	0.50
	157	5785	15.60	0.50
	165	5825	15.10	0.50
802.11an HT20	149	5745	15.30	0.50
	157	5785	15.80	0.50
	165	5825	15.60	0.50
802.11an HT40	155	5755	36.60	0.50
	159	5795	36.40	0.50

Temperature: 23°C

Humidity: 60%

Test Date: Sep. 19, 2017

Test Mode: 1TX

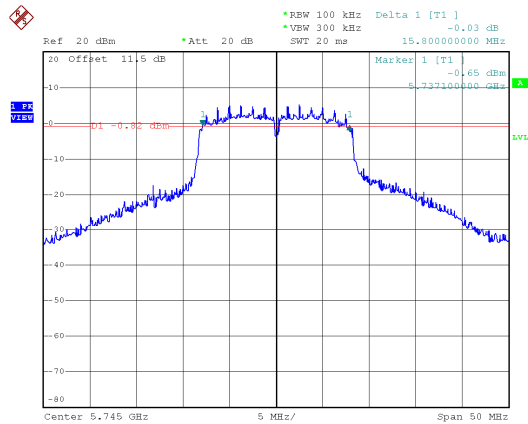
In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)
			ANT A	ANT B	
802.11a	149	5745	15.80	15.40	0.50
	157	5785	15.80	15.60	0.50
	165	5825	16.10	15.70	0.50
802.11an HT20	149	5745	16.30	16.30	0.50
	157	5785	16.30	15.80	0.50
	165	5825	16.30	15.70	0.50
802.11an HT40	155	5755	36.60	36.60	0.50
	159	5795	36.20	36.20	0.50

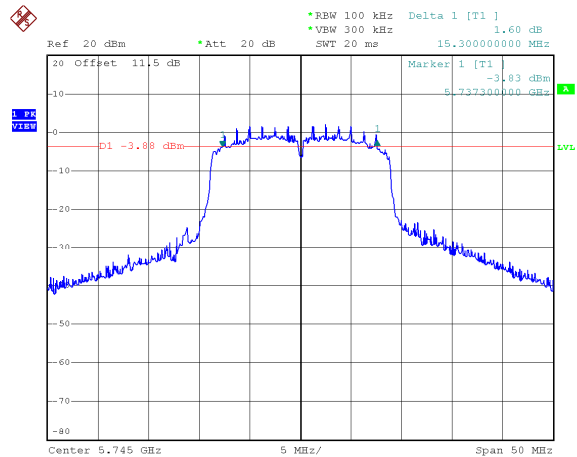


1TX: ANT A

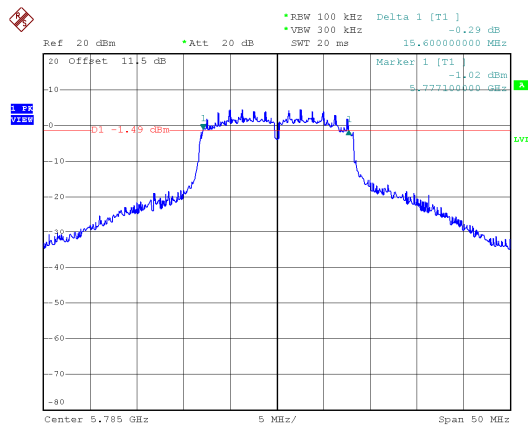
Modulation Standard: 802.11a (6Mbps)
CH149



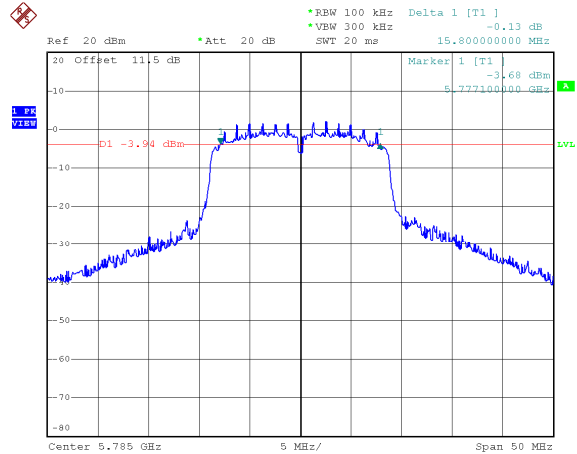
Modulation Standard: 802.11an, HT20 (6.5Mbps)
CH149



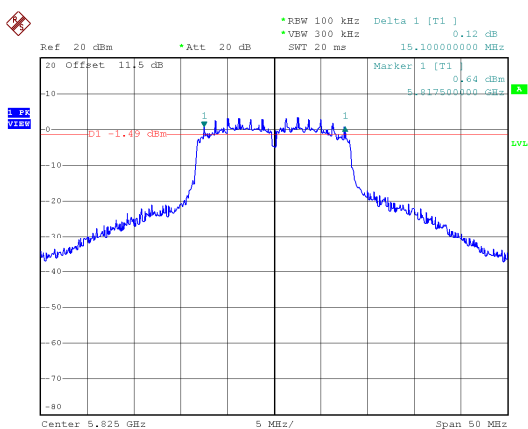
CH157



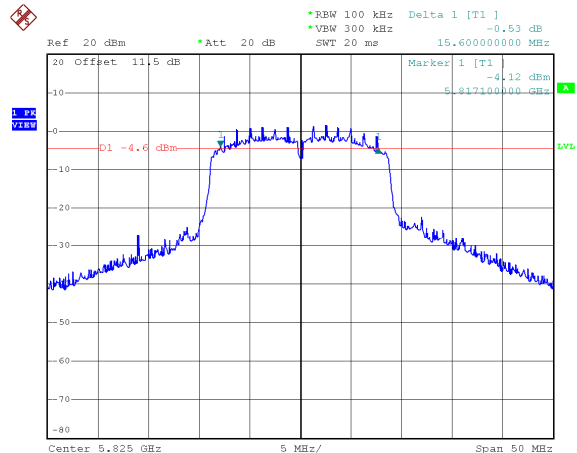
CH157



CH165



CH165

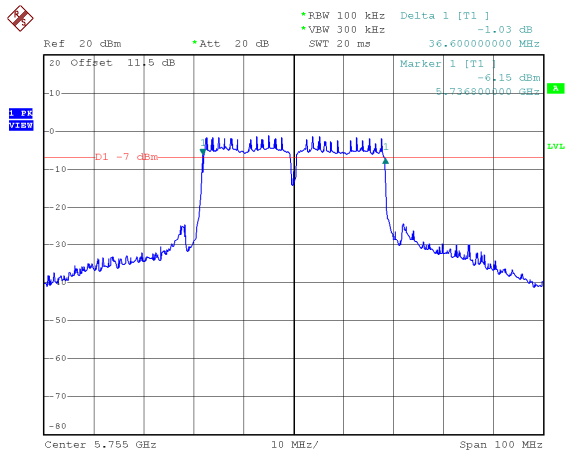




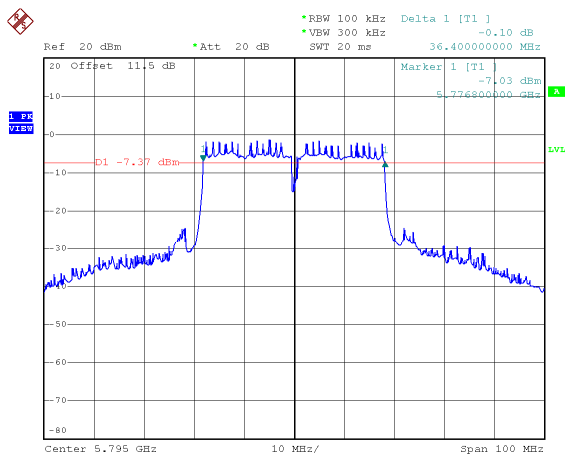
1TX: ANT A

Modulation Standard: 802.11an, HT40 (13.5Mbps)

CH151

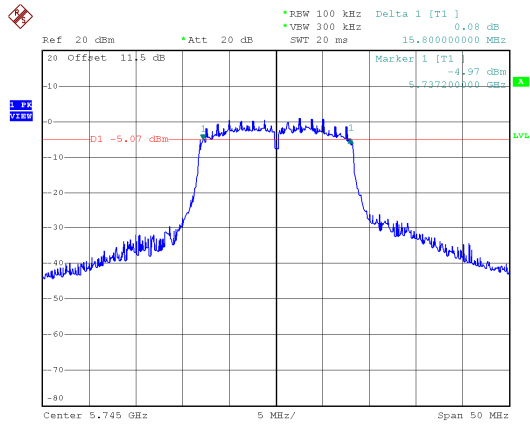
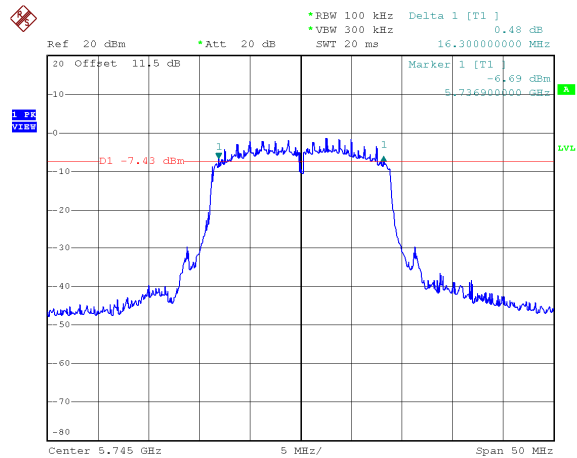


CH159

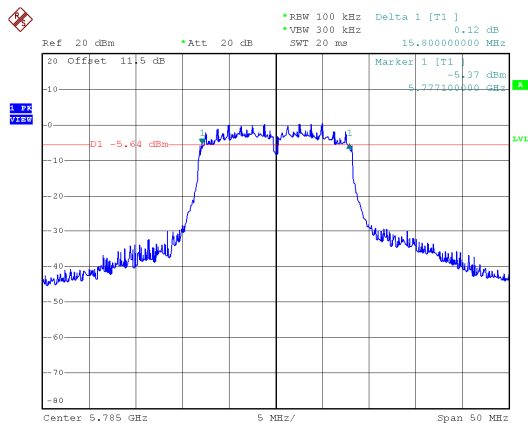




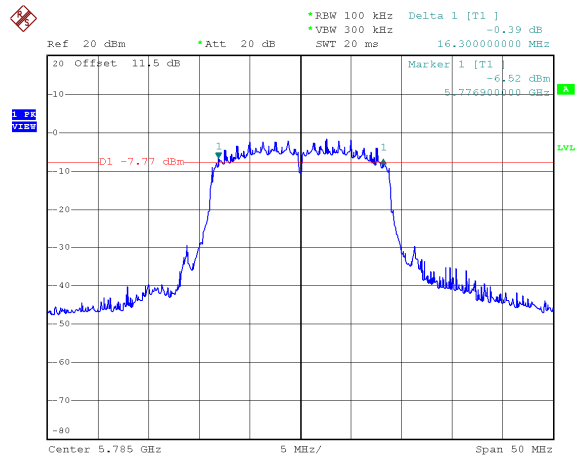
2TX: ANT A

Modulation Standard: 802.11a (6Mbps)
CH149Modulation Standard: 802.11a, HT20 (6.5Mbps)
CH149

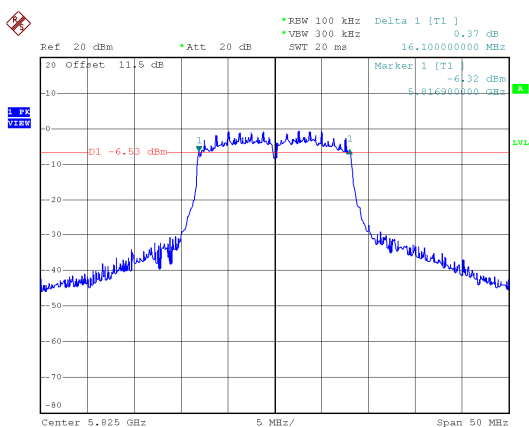
CH157



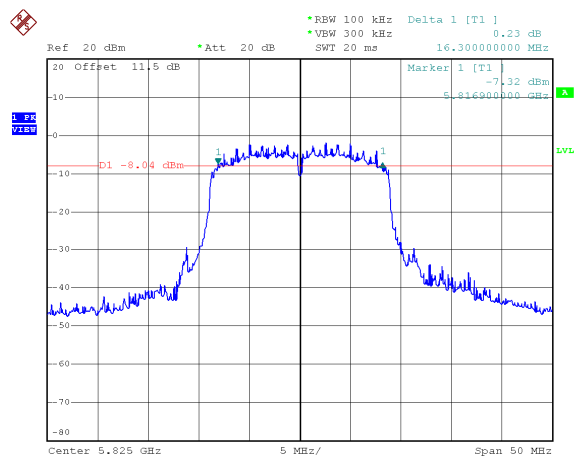
CH157



CH165

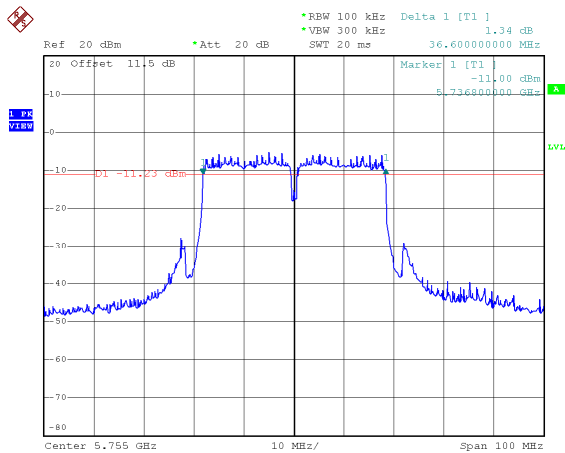


CH165

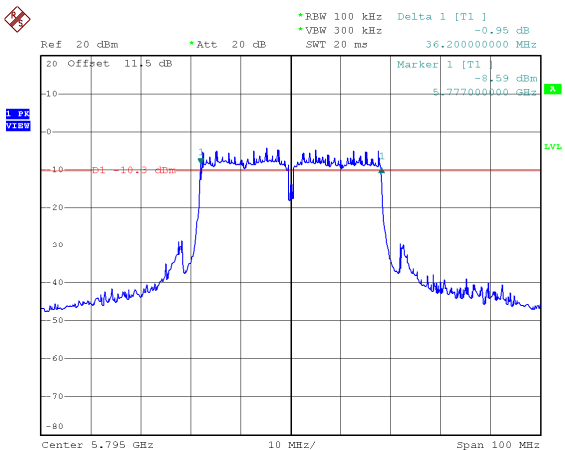




2TX: ANT A
Modulation Standard: 802.11an, HT40 (13.5Mbps)
CH151

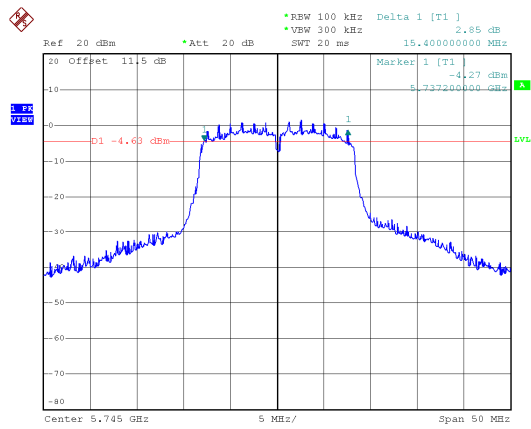


CH159

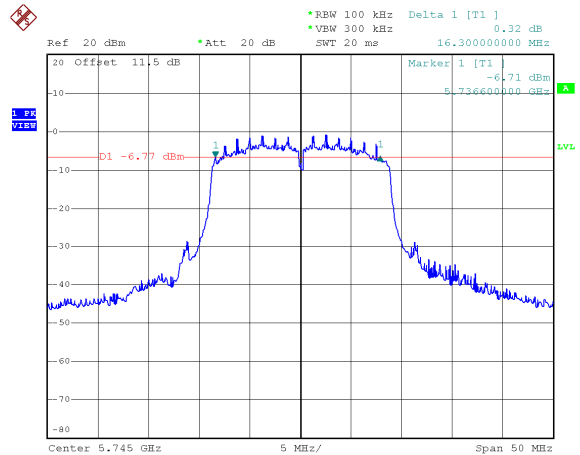




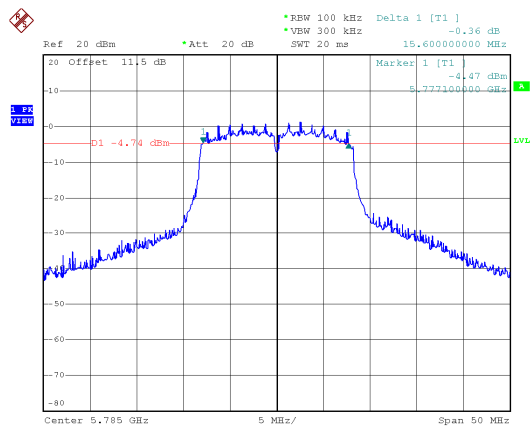
2TX: ANT B
Modulation Standard: 802.11a (6Mbps)
CH149



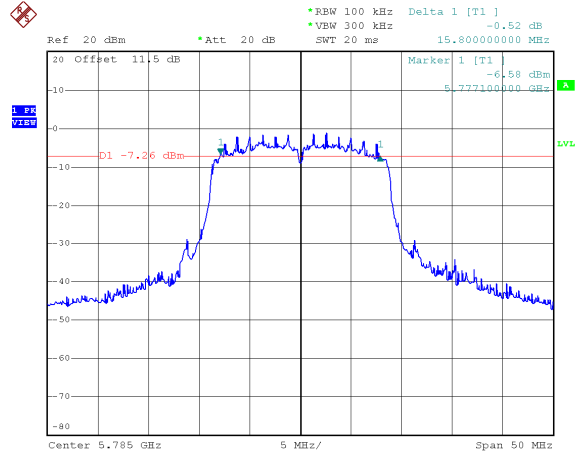
Modulation Standard: 802.11an, HT20 (6.5Mbps)
CH149



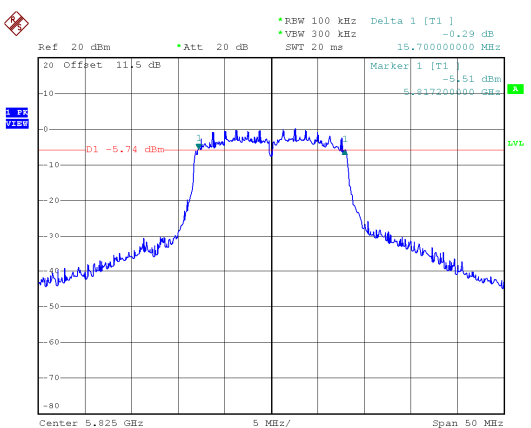
CH157



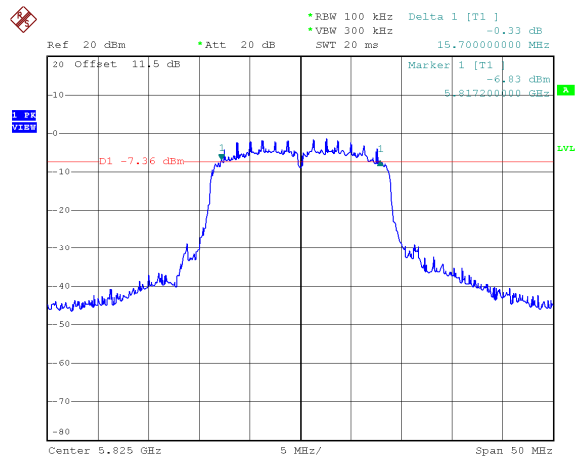
CH157



CH165



CH165

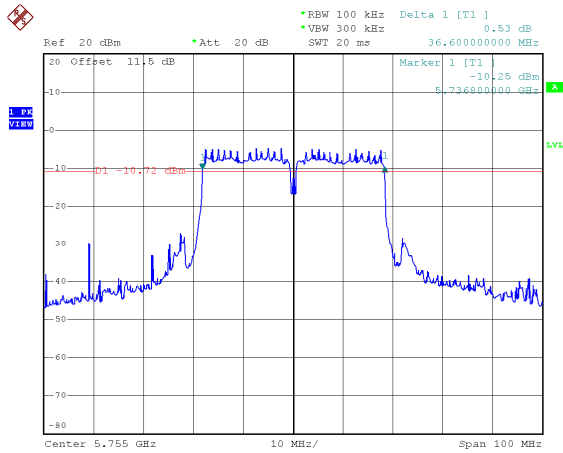




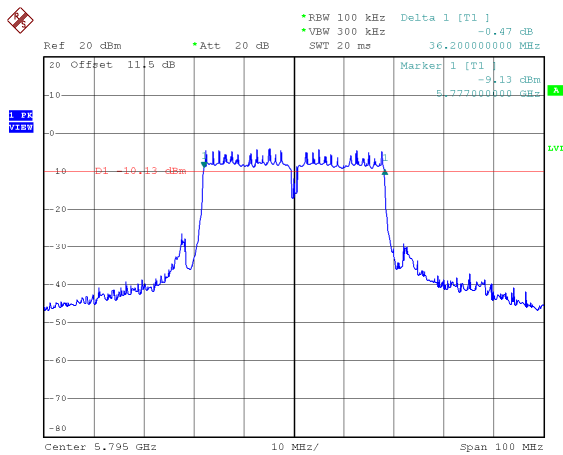
2TX: ANT B

Modulation Standard: 802.11an, HT40 (13.5Mbps)

CH151



CH159





9. 26dB Bandwidth & 99% Bandwidth

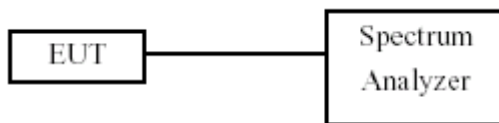
9.1. Test Limit

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

Temperature: 23°C

Humidity: 60%

Test Date: Sep. 19, 2017

Test Mode: 1TX

In the 5.2G Band

Modulation Type	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
			ANT A
802.11a	36	5180	20.30
	44	5220	20.30
	48	5240	20.30
802.11an HT20	36	5180	21.30
	44	5220	21.00
	48	5240	21.10
802.11an HT40	38	5190	46.40
	46	5230	47.00

In the 5.3G Band

Modulation Type	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
			ANT A
802.11a	52	5260	20.20
	60	5300	20.20
	64	5320	21.00
802.11an HT20	52	5260	21.00
	60	5300	21.20
	64	5320	21.10
802.11an HT40	54	5270	51.60
	62	5310	46.60

In the 5.5G Band

Modulation Type	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
			ANT A
802.11a	100	5500	29.40
	116	5580	31.70
	140	5700	24.50
802.11an HT20	100	5500	23.40
	116	5580	25.50
	140	5700	22.60
802.11an HT40	102	5510	48.20
	110	5550	59.00
	134	5670	56.00



Temperature: 23°C

Humidity: 60%

Test Date: Sep. 19, 2017

Test Mode: 2TX

In the 5.2G Band

Modulation Type	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			ANT A	ANT B
802.11a	36	5180	20.30	20.30
	44	5220	19.90	20.40
	48	5240	20.00	20.10
802.11an HT20	36	5180	20.40	20.80
	44	5220	20.40	20.80
	48	5240	20.20	20.90
802.11an HT40	38	5190	46.00	46.00
	46	5230	47.80	45.80

In the 5.3G Band

Modulation Type	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			ANT A	ANT B
802.11a	52	5260	20.00	20.20
	60	5300	22.00	20.10
	64	5320	21.20	20.20
802.11an HT20	52	5260	20.60	20.80
	60	5300	20.40	20.90
	64	5320	20.50	20.80
802.11an HT40	54	5270	49.00	46.80
	62	5310	46.40	46.80

In the 5.5G Band

Modulation Type	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			ANT A	ANT B
802.11a	100	5500	20.50	20.50
	116	5580	20.60	22.20
	140	5700	20.10	20.50
802.11an HT20	100	5500	20.30	20.70
	116	5580	20.20	20.60
	140	5700	20.40	20.80
802.11an HT40	102	5510	45.60	46.00
	110	5550	45.80	46.40
	134	5670	46.00	46.20



9.5. Test Result and Data (99% Bandwidth)

Temperature: 23°C

Humidity: 60%

Test Date: Sep. 19, 2017

Test Mode: 1TX

In the 5.2G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth (MHz)
			ANT A
802.11a	36	5180	16.50
	44	5220	16.50
	48	5240	16.60
802.11an HT20	36	5180	17.50
	44	5220	17.50
	48	5240	17.50
802.11an HT40	38	5190	37.00
	46	5230	37.00

Temperature: 23°C

Humidity: 60%

Test Date: Sep. 19, 2017

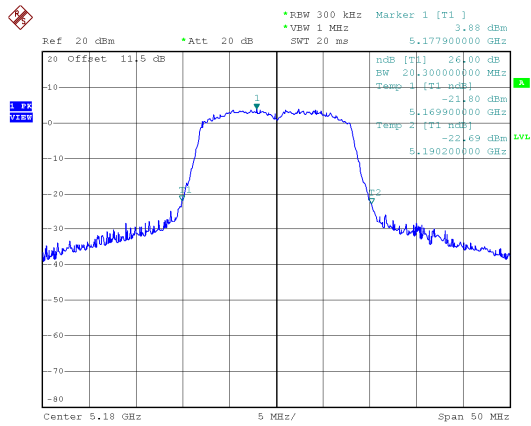
Test Mode: 2TX

In the 5.2G Band

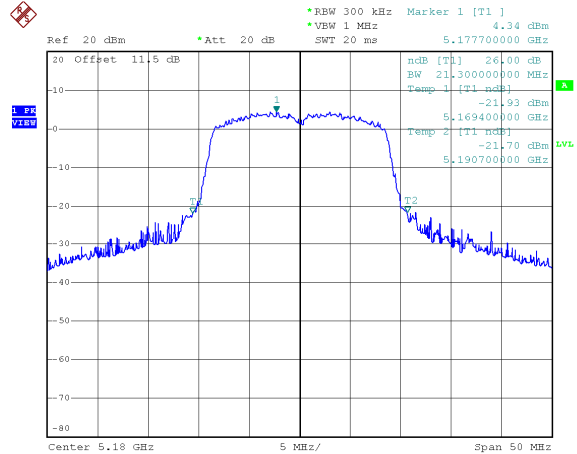
Modulation Type	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			ANT A	ANT B
802.11a	36	5180	16.50	16.60
	44	5220	16.50	16.60
	48	5240	16.50	16.50
802.11an HT20	36	5180	17.60	17.50
	44	5220	17.60	17.60
	48	5240	17.60	17.60
802.11an HT40	38	5190	36.80	36.80
	46	5230	37.00	36.80



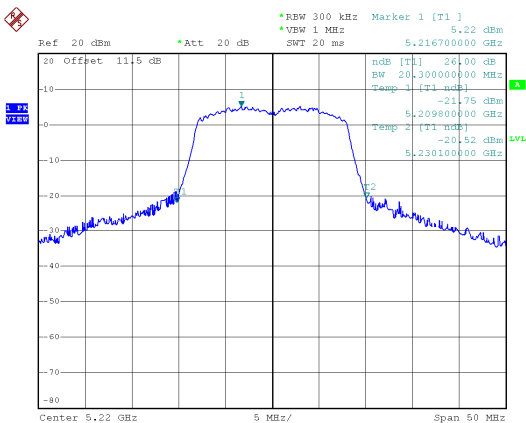
26dB Bandwidth
Band 1, 1TX: ANT A
Modulation Standard: 802.11a (6Mbps)
CH36



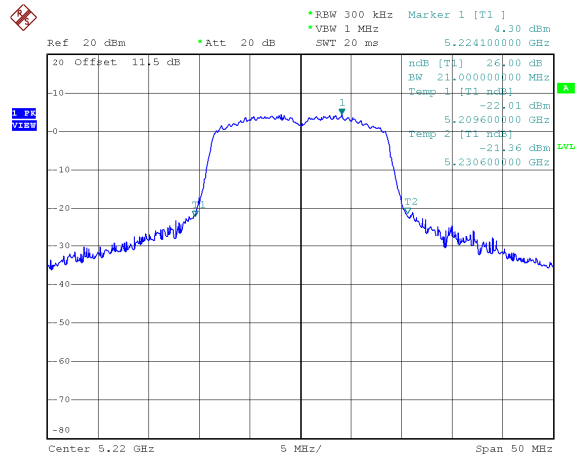
802.11an HT20 (6.5Mbps)
CH36



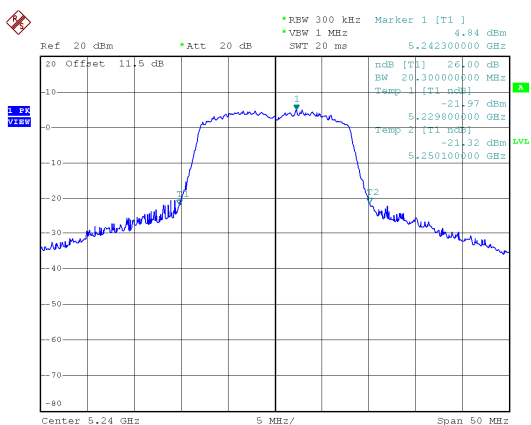
CH44



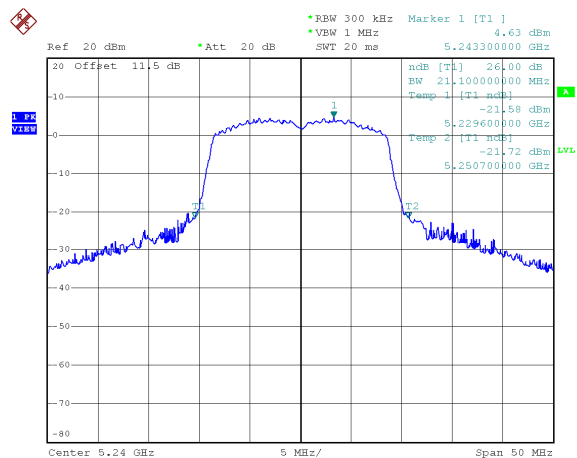
CH44



CH48

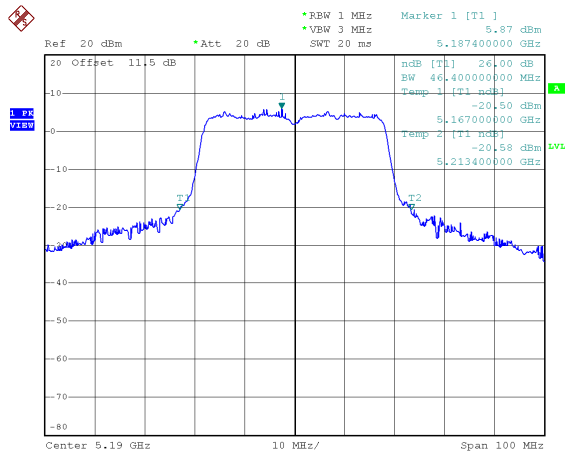


CH48

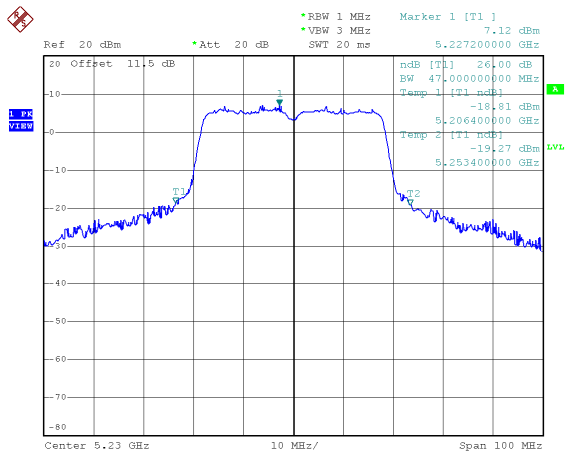




Band 1,1TX: ANT A
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH38

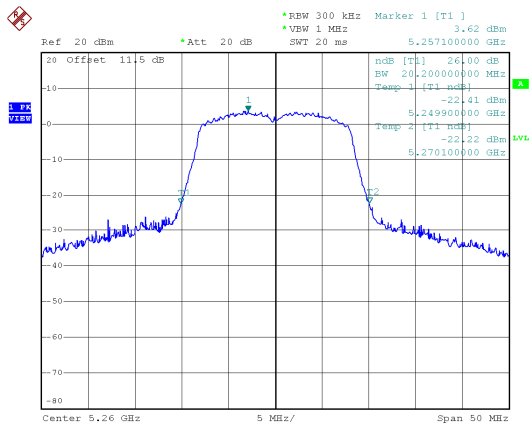


CH46

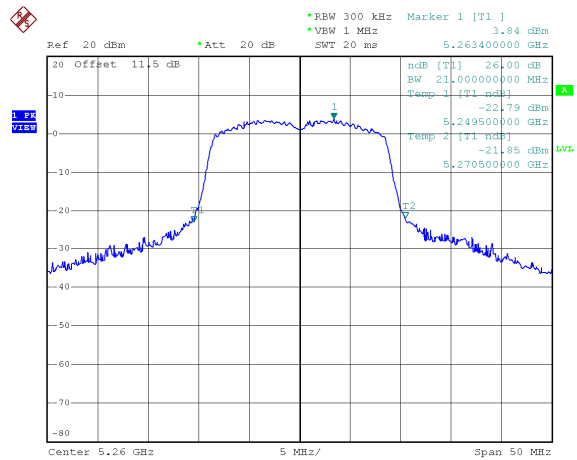




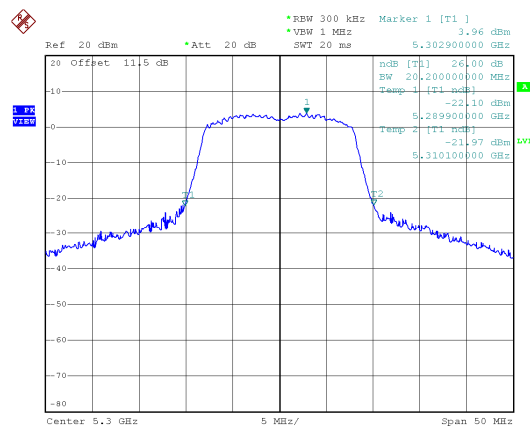
Band 2, 1TX: ANT A
Modulation Standard: 802.11a (6Mbps)
CH52



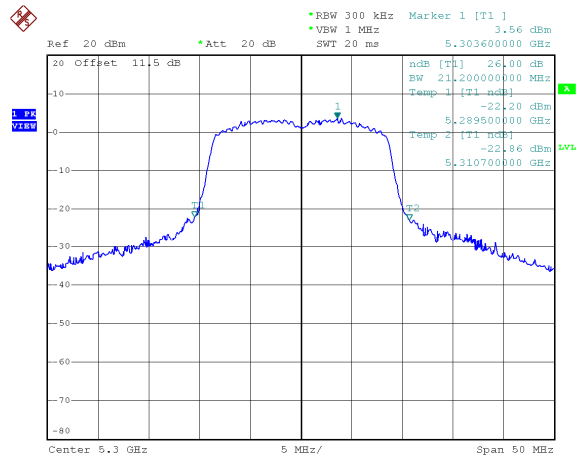
802.11an HT20 (6.5Mbps)
CH52



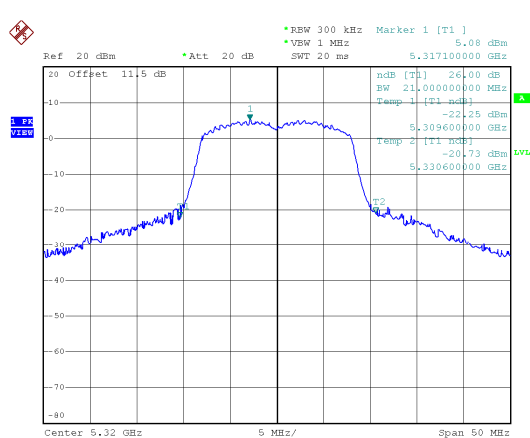
CH60



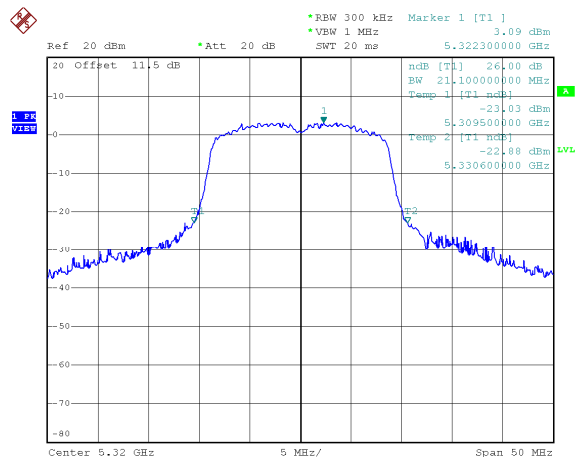
CH60



CH64



CH64

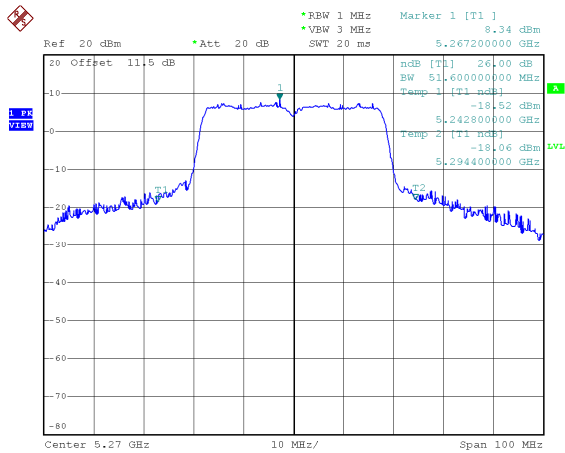




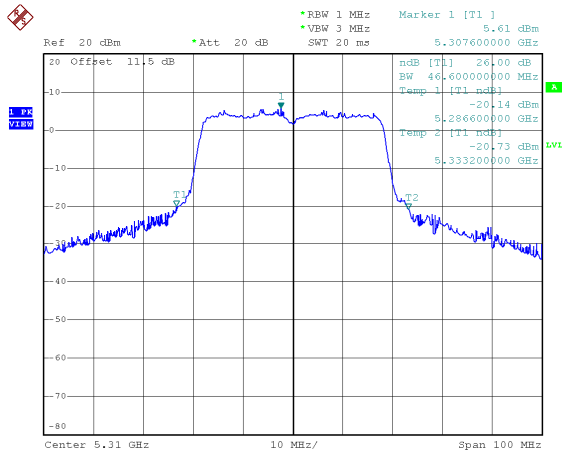
Band 2, 1TX: ANT A

Modulation Standard: 802.11an HT40 (13.5Mbps)

CH54

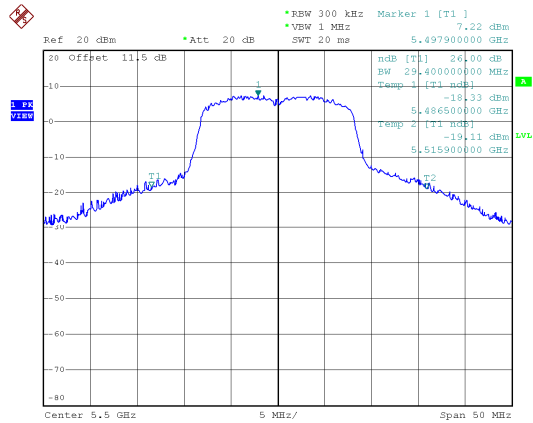


CH62

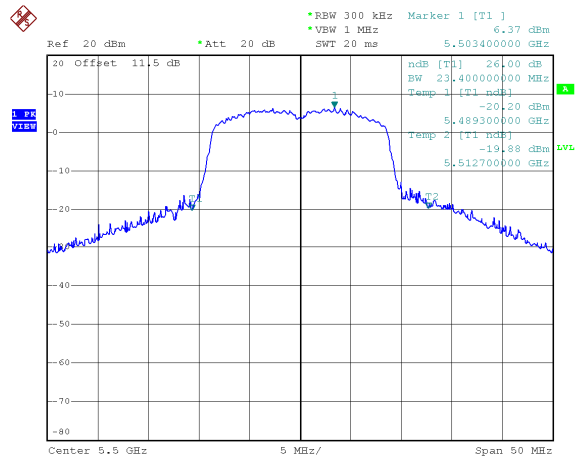




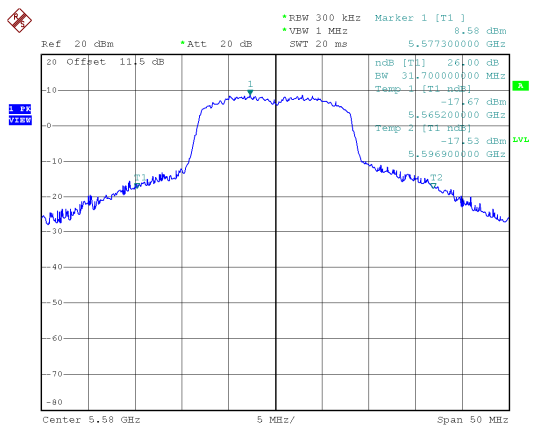
Band 3, 1TX: ANT A
Modulation Standard: 802.11a (6Mbps)
CH100



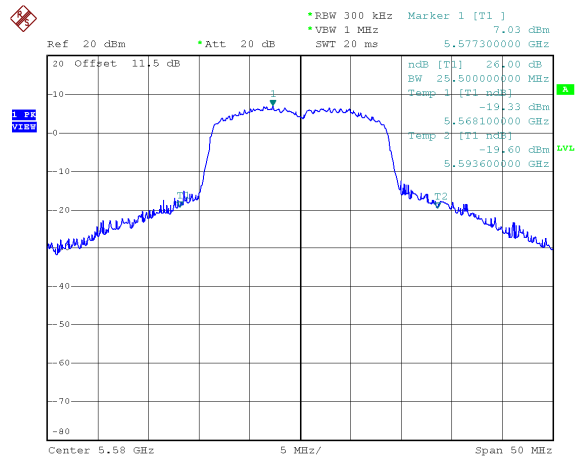
802.11an HT20 (6.5Mbps)
CH100



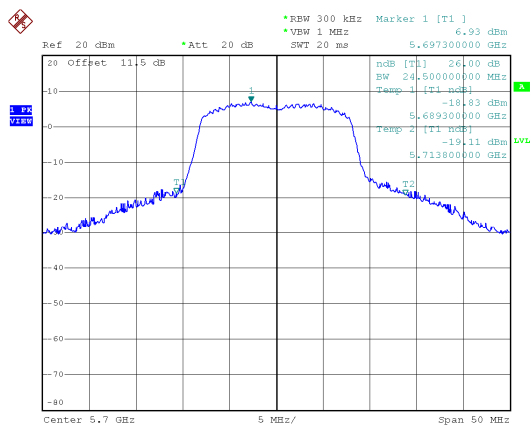
CH116



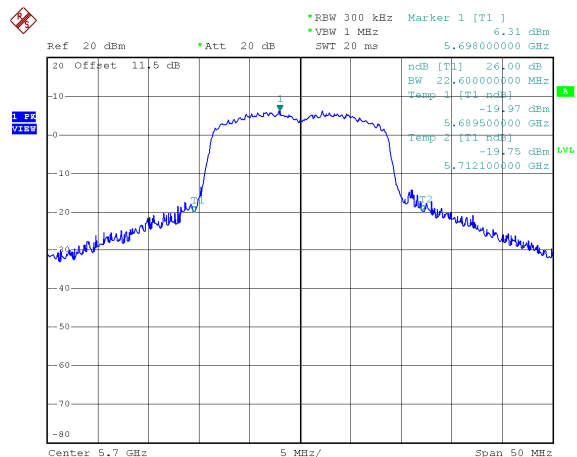
CH116



CH140

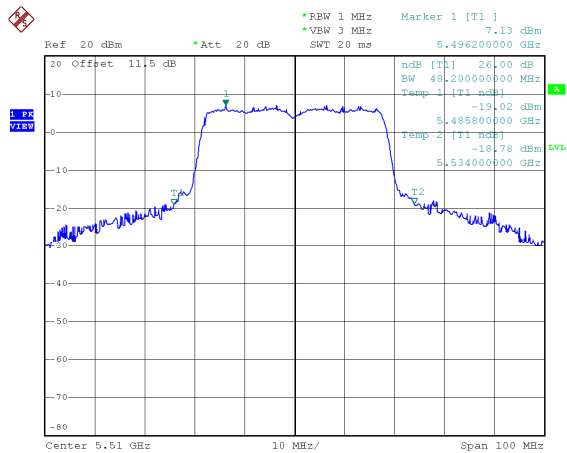


CH140

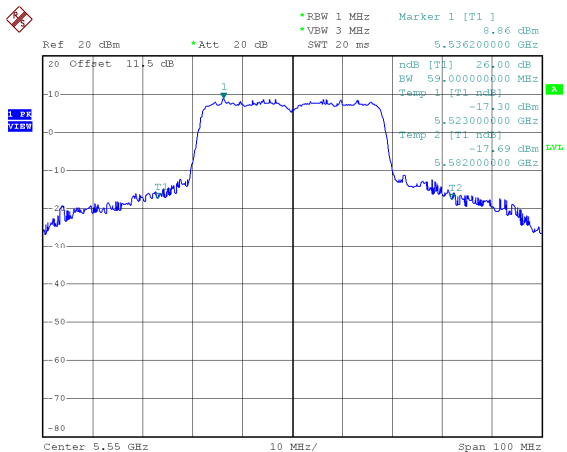




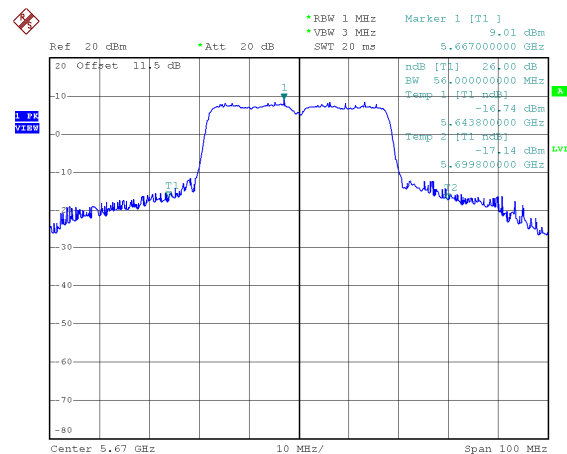
Band 3, 1TX: ANT A
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH102



CH110

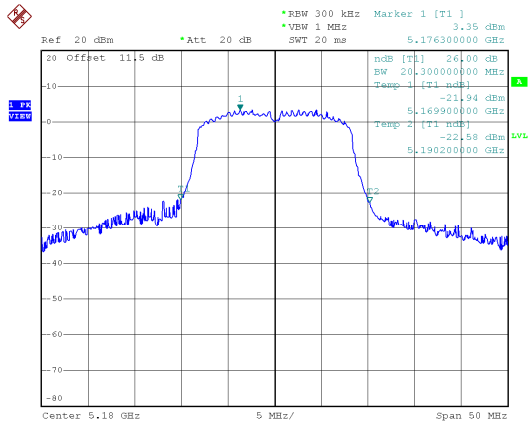


CH134

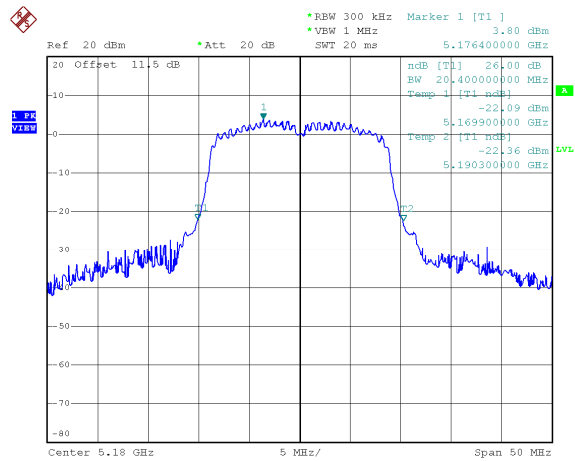




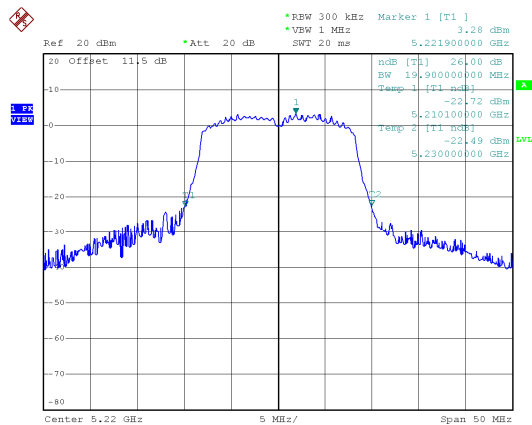
Band 1, 2TX: ANT A
Modulation Standard: 802.11a (6Mbps)
CH36



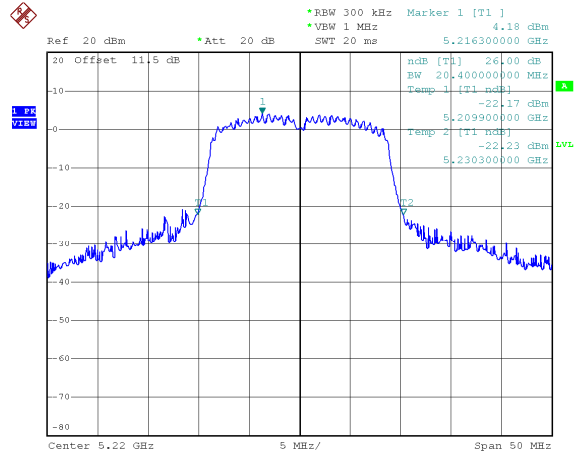
802.11an HT20 (6.5Mbps)
CH36



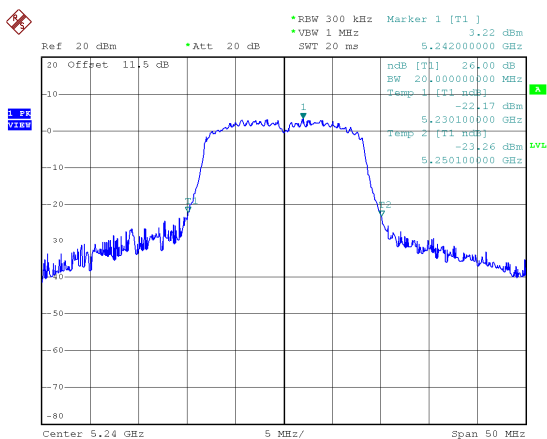
CH44



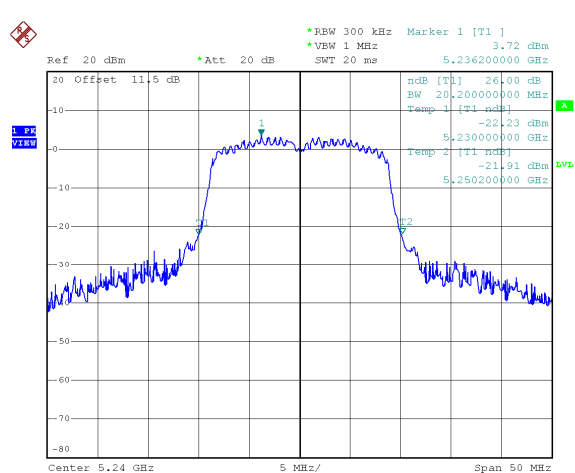
CH44



CH48

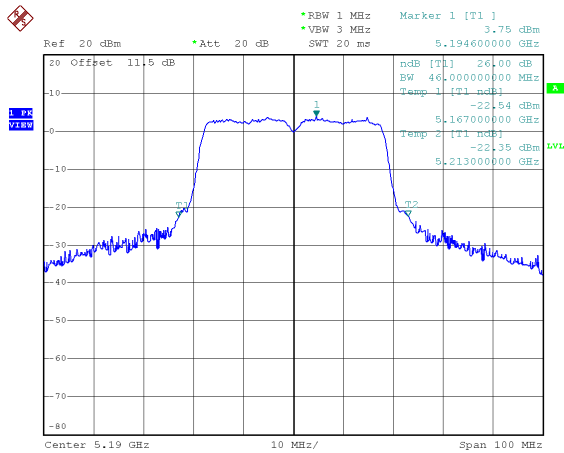


CH48

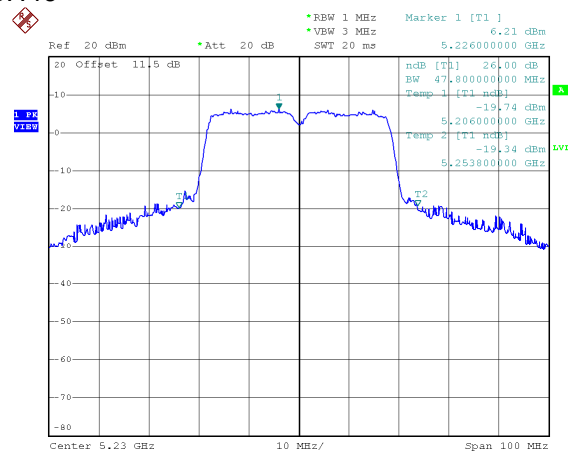




Band 1, 2TX: ANT A
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH38

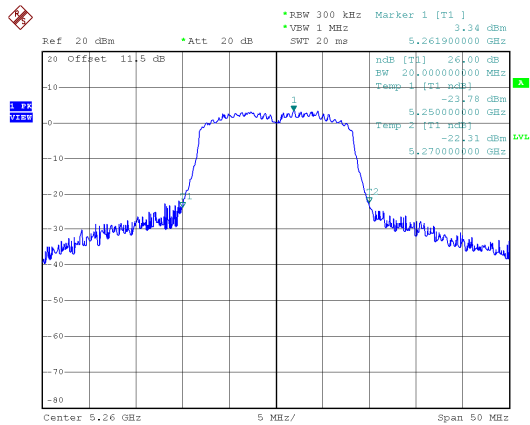


CH46

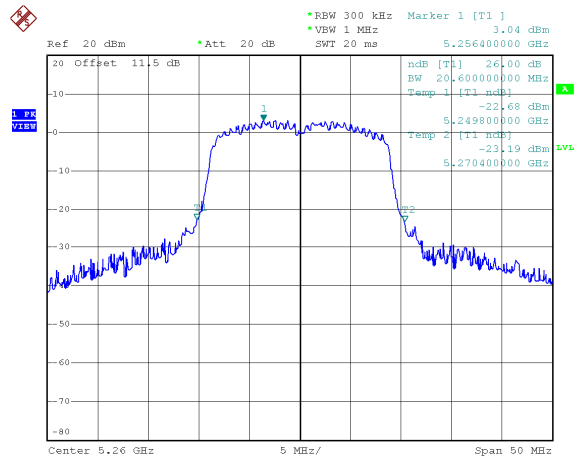




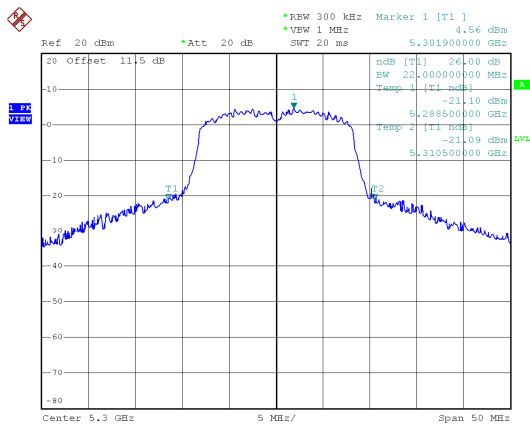
Band 2, 2TX: ANT A
Modulation Standard: 802.11a (6Mbps)
CH52



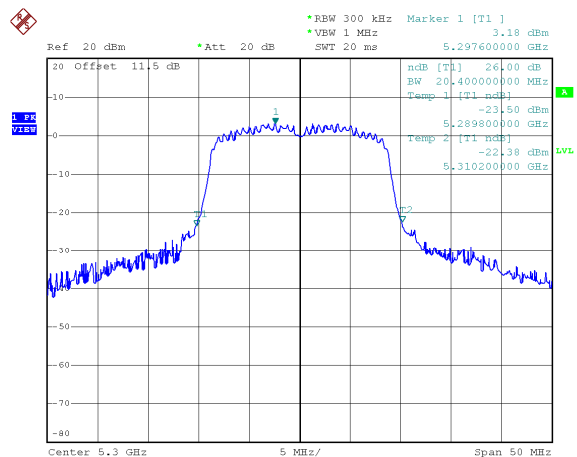
802.11an HT20 (6.5Mbps)
CH52



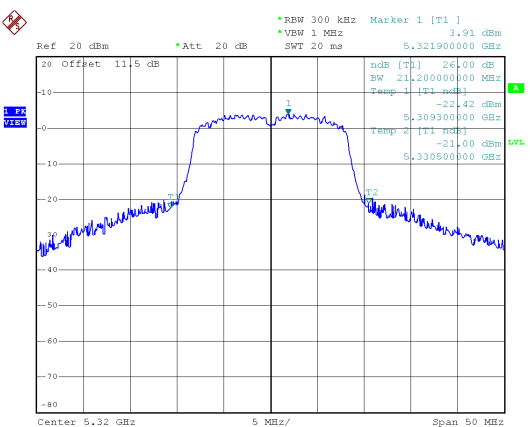
CH60



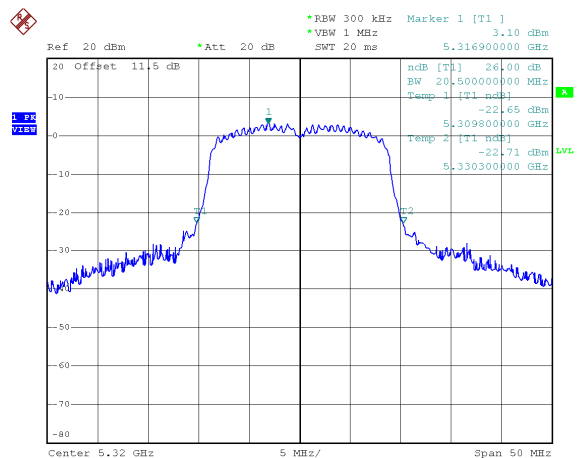
CH60



CH64

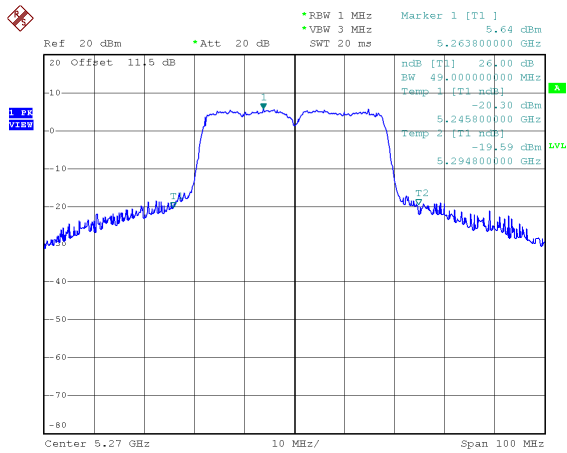


CH64

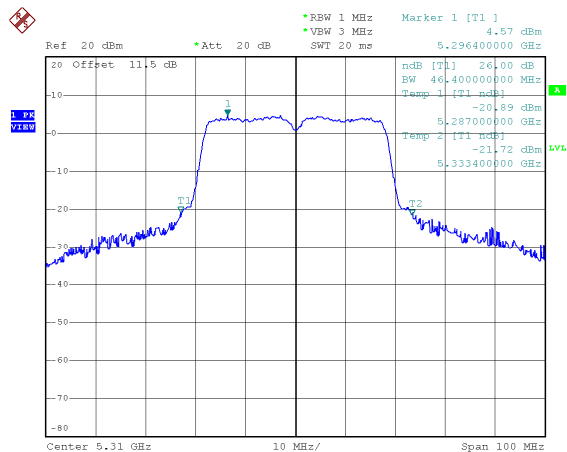




Band 2, 2TX: ANT A
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH54

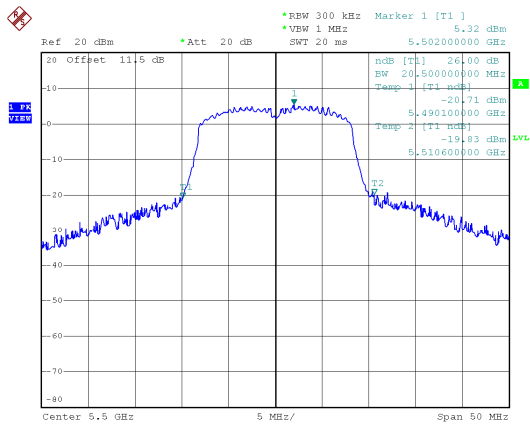


CH62

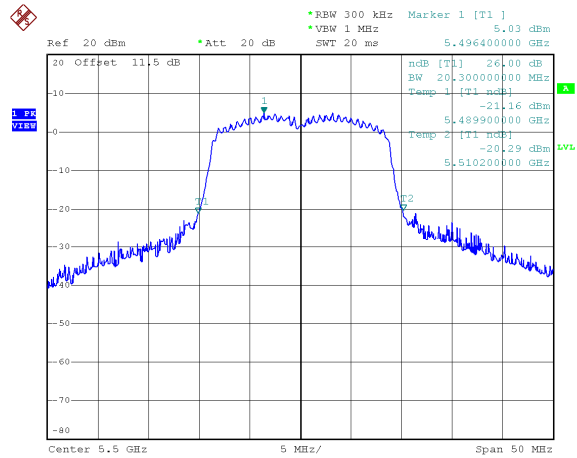




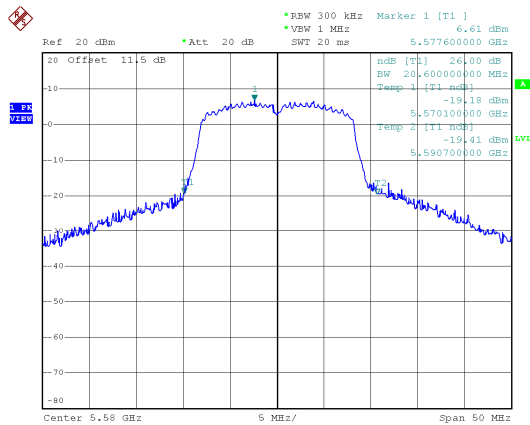
Band 3, 2TX: ANT A
Modulation Standard: 802.11a (6Mbps)
CH100



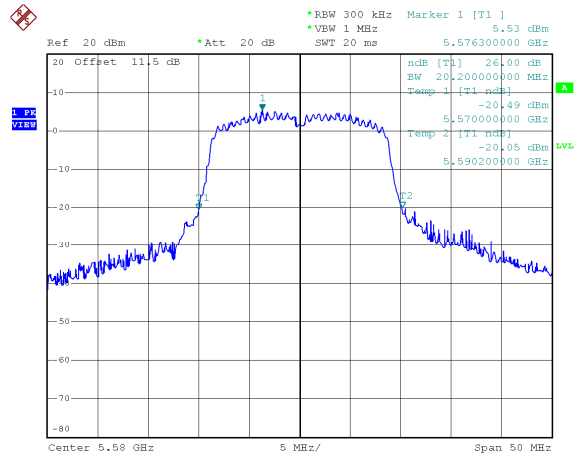
802.11an HT20 (6.5Mbps)
CH100



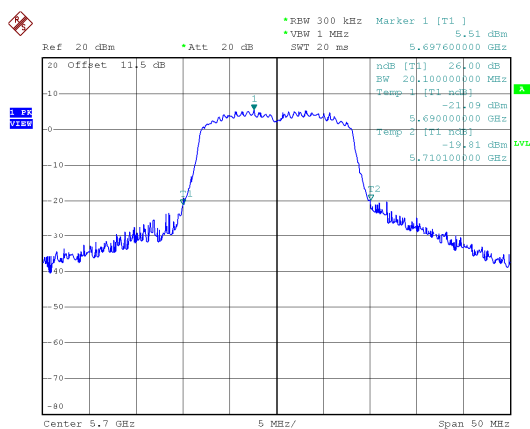
CH116



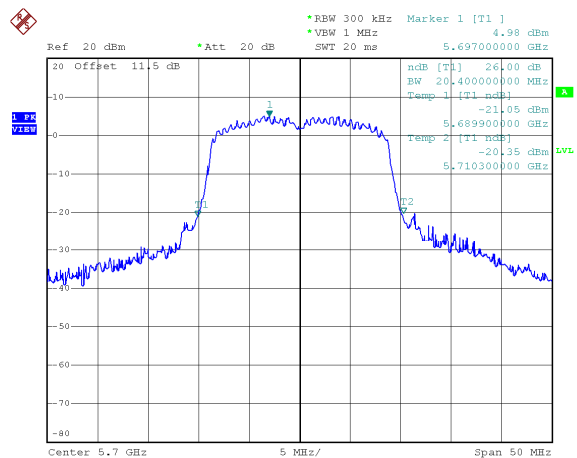
CH116



CH140

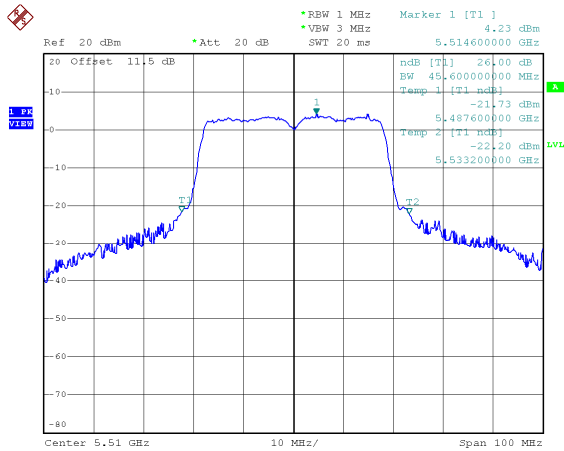


CH140

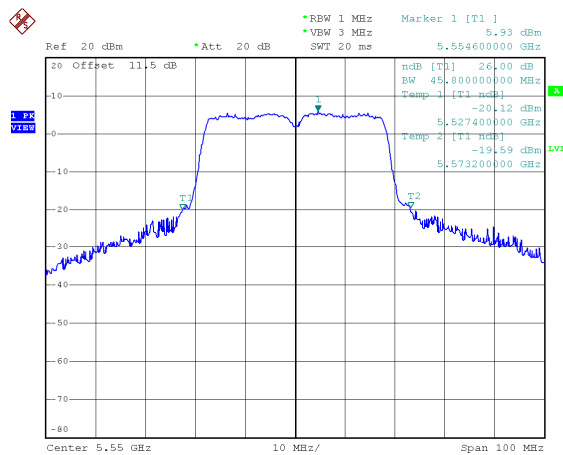




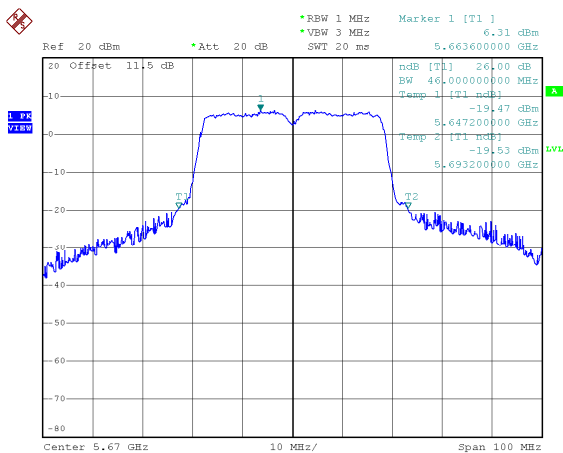
Band 3, 2TX: ANT A
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH102



CH110

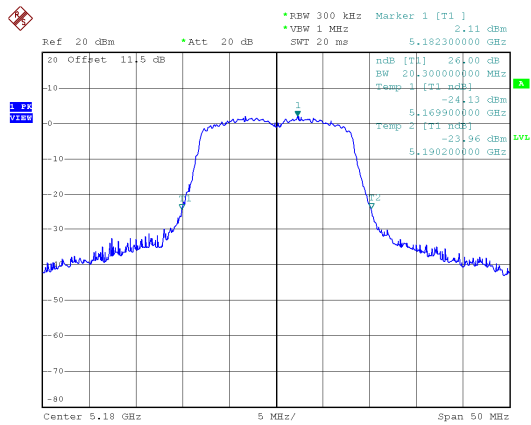


CH134

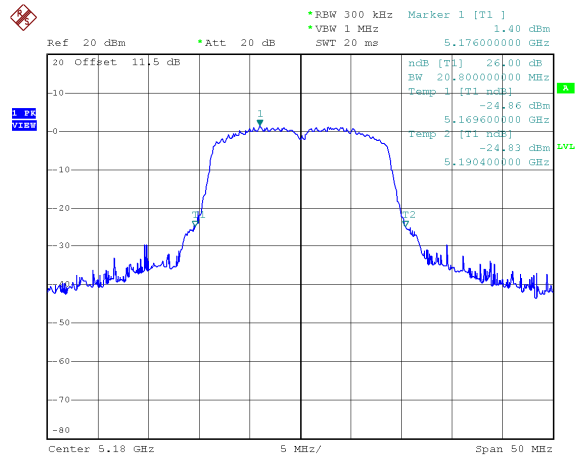




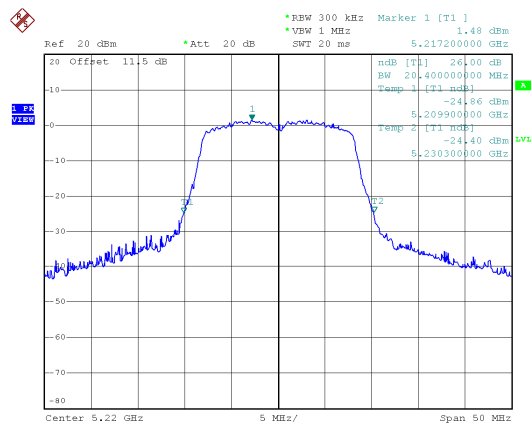
Band 1, 2TX: ANT B
Modulation Standard: 802.11a (6Mbps)
CH36



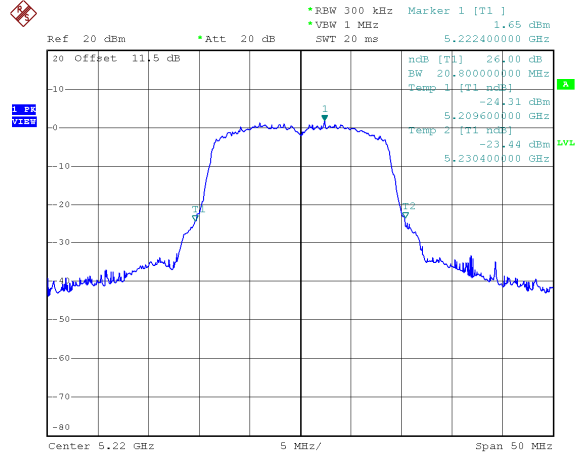
802.11an HT20 (6.5Mbps)
CH36



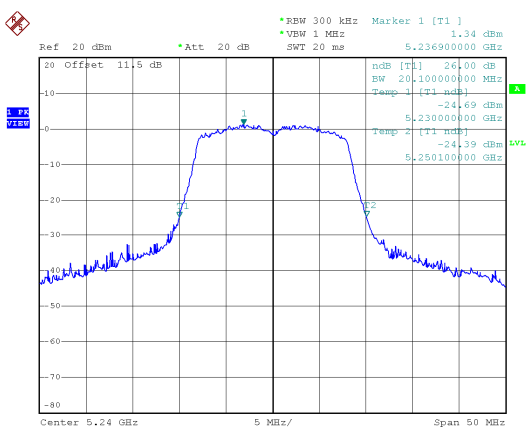
CH44



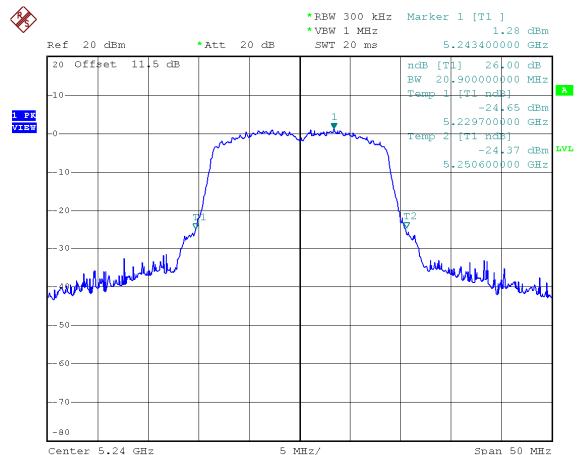
CH44



CH48



CH48

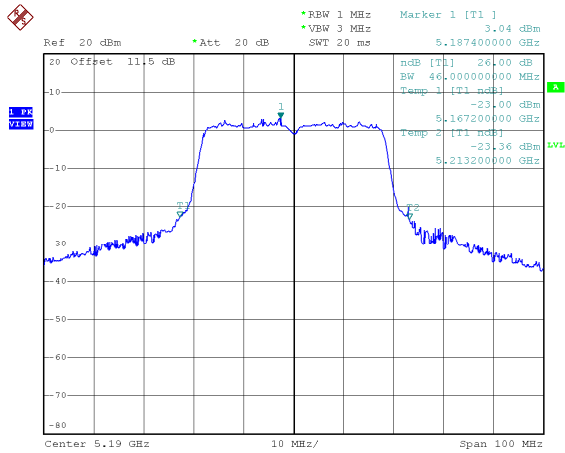




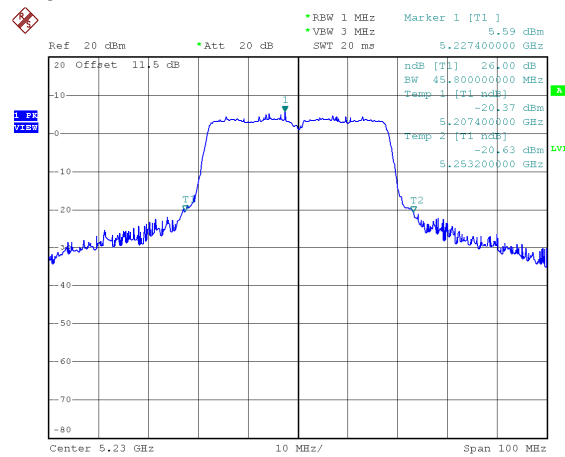
Band 1, 2TX: ANT B

Modulation Standard: 802.11an HT40 (13.5Mbps)

CH38

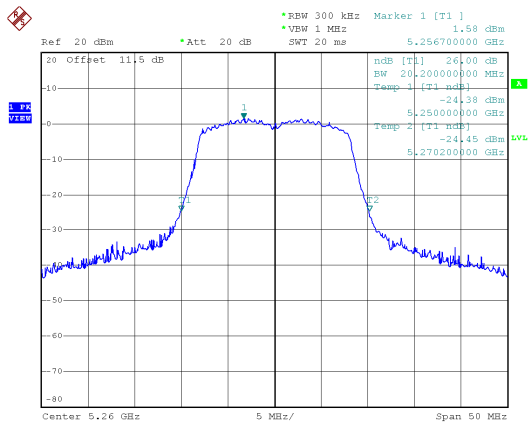


CH46

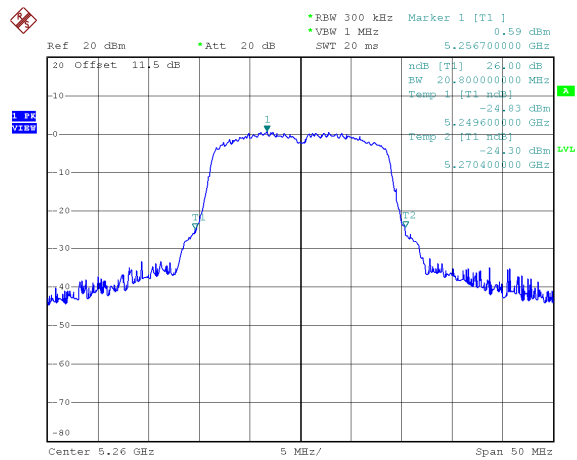




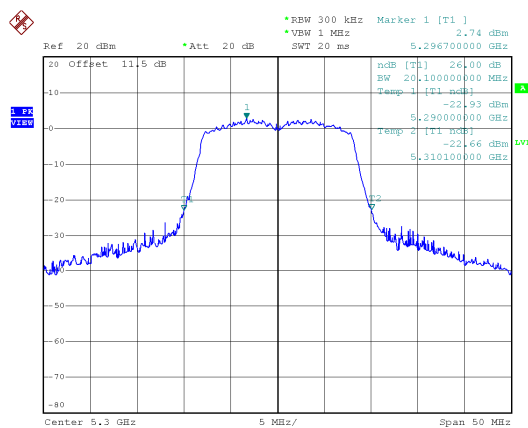
Band 2, 2TX: ANT B
Modulation Standard: 802.11a (6Mbps)
CH52



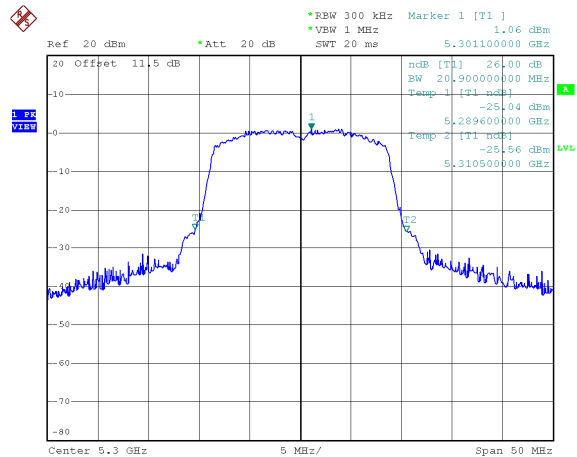
802.11an HT20 (6.5Mbps)
CH52



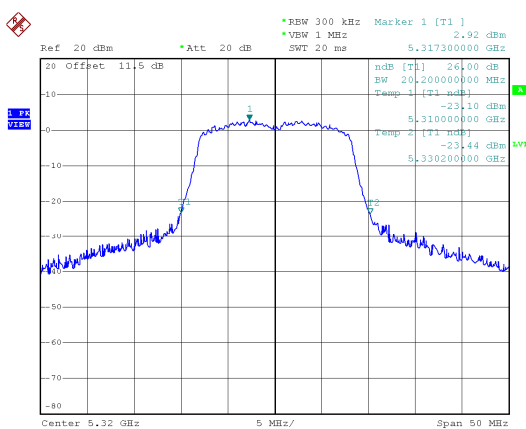
CH60



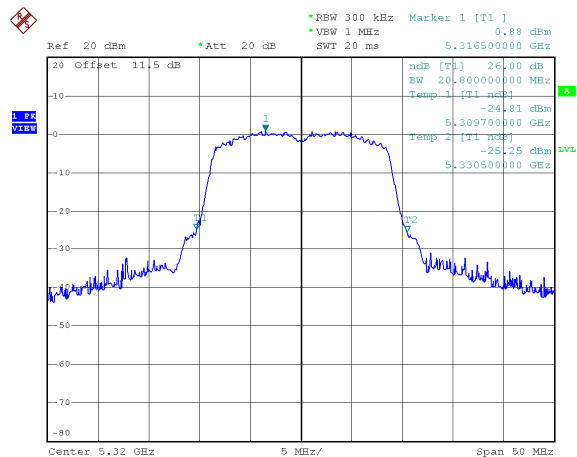
CH60



CH64

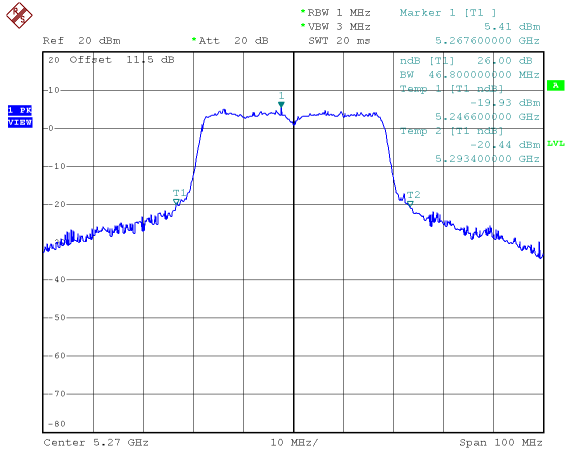


CH64

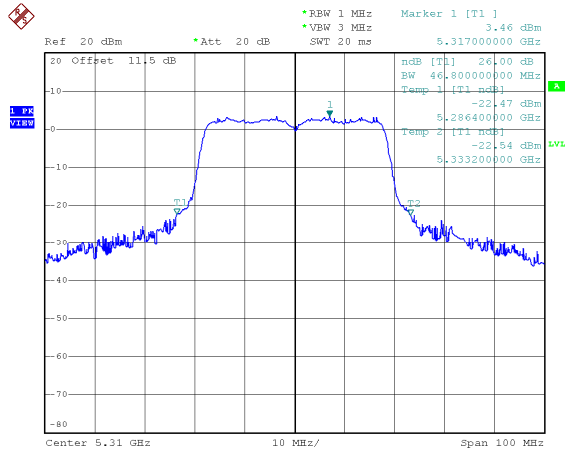




Band 2, 2TX: ANT B
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH54

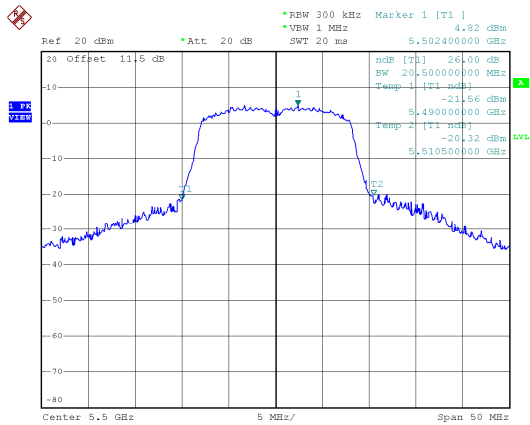


CH62

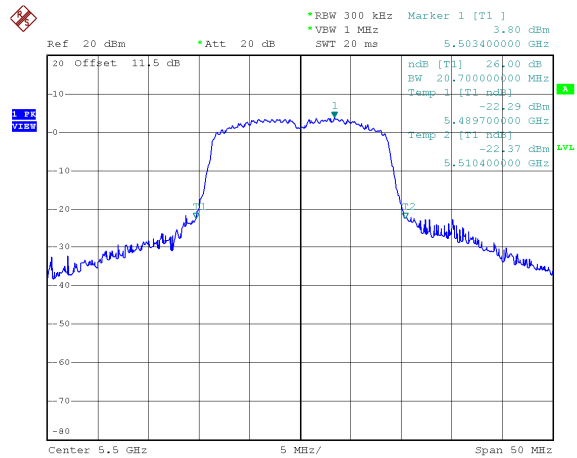




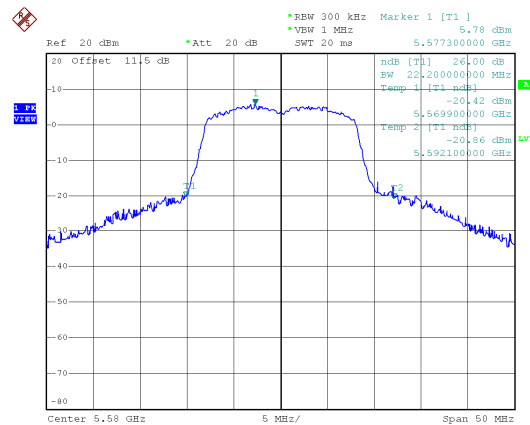
Band 3, 2TX: ANT B
Modulation Standard: 802.11a (6Mbps)
CH100



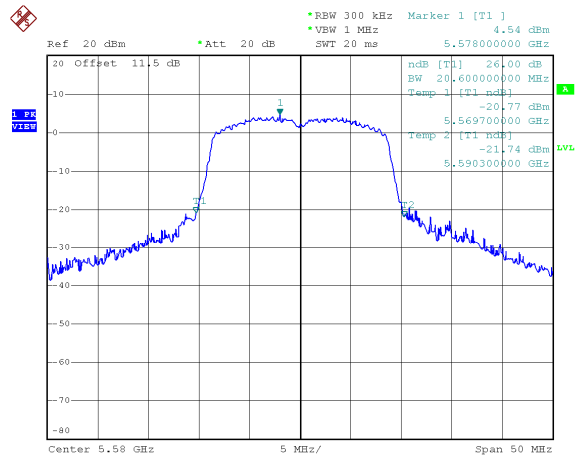
802.11an HT20 (6.5Mbps)
CH100



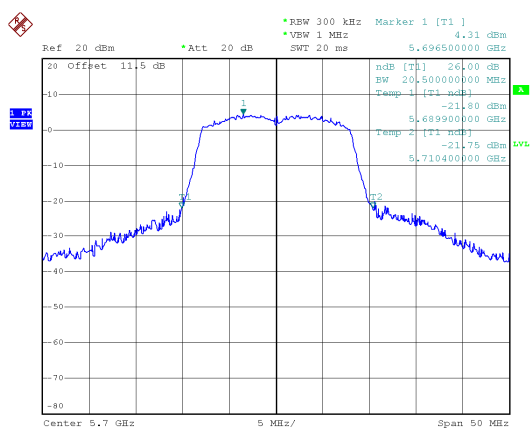
CH116



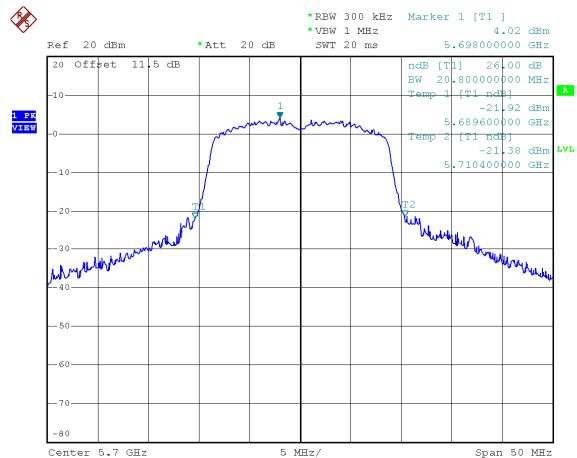
CH116



CH140

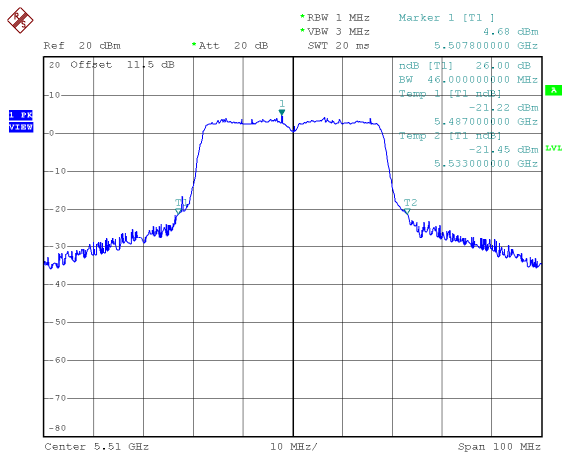


CH140

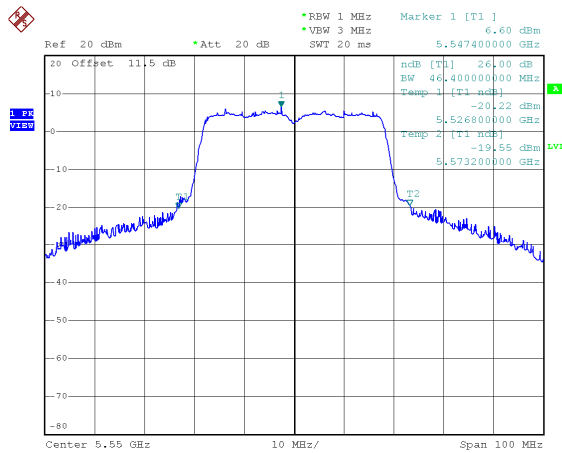




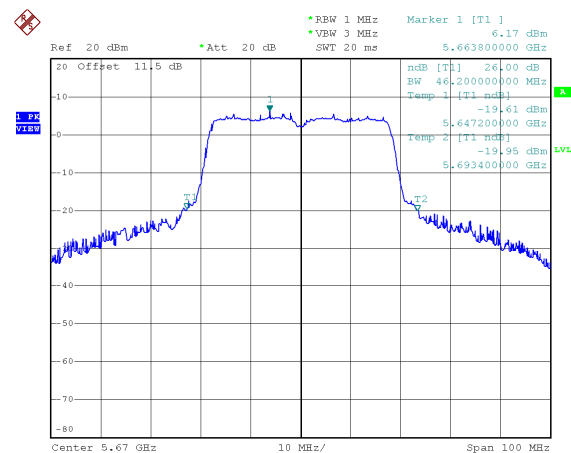
Band 3, 2TX: ANT B
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH102



CH110

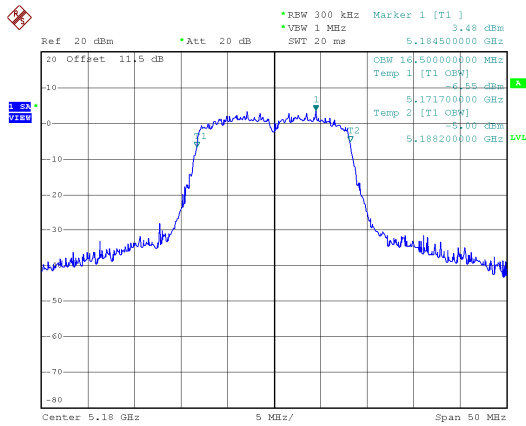


CH134

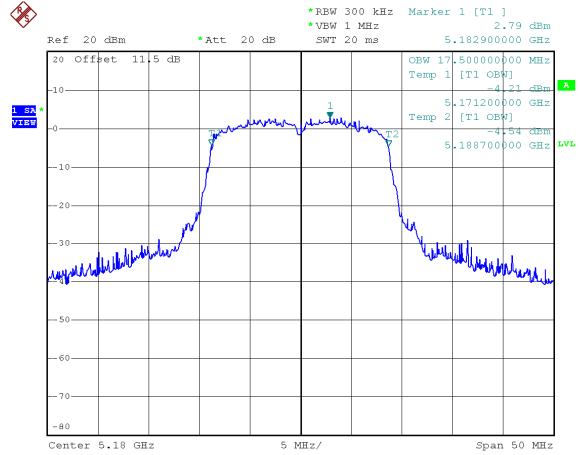




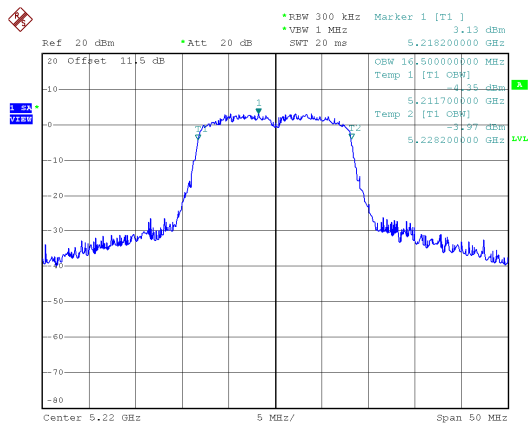
99% Bandwidth
Band 1, 1TX: ANT A
Modulation Standard: 802.11a (6Mbps)
CH36



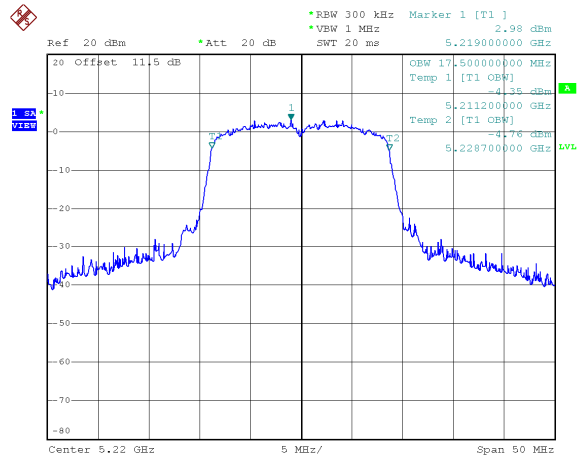
802.11an HT20 (6.5Mbps)
CH36



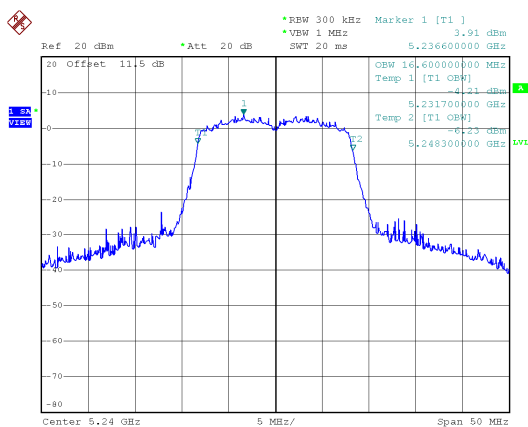
CH44



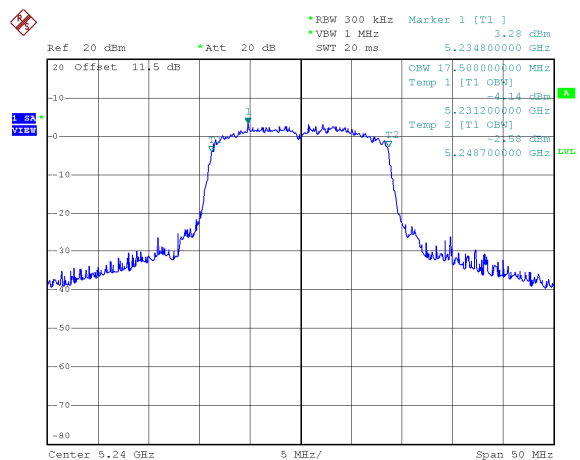
CH44

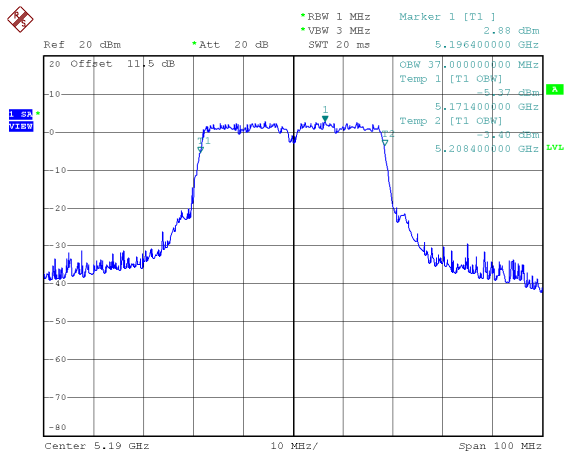


CH48

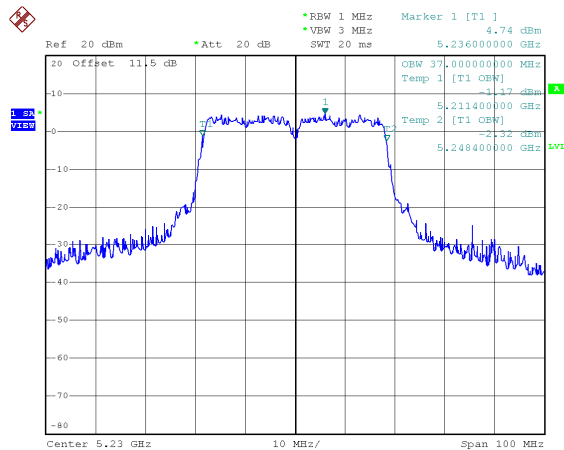


CH48



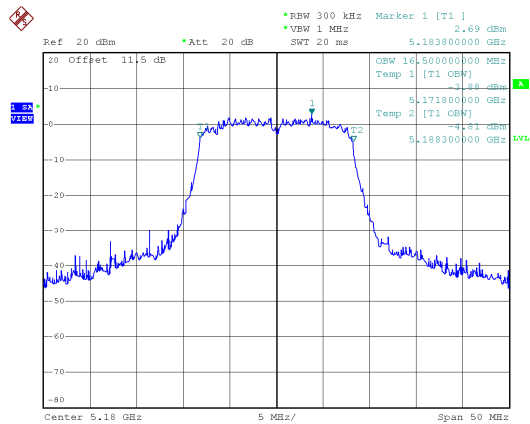
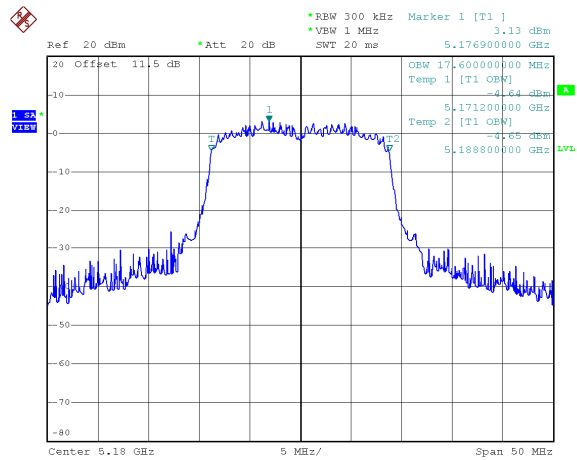


CH46

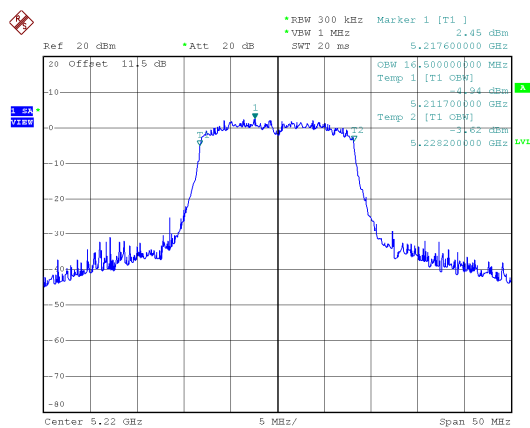




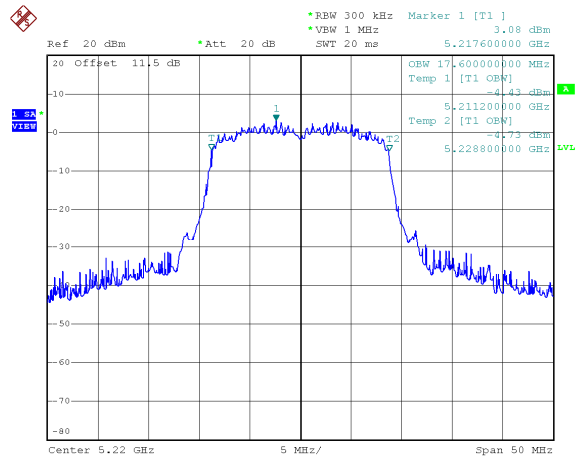
Band 1, 2TX: ANT A
Modulation Standard: 802.11a (6Mbps)
CH36

802.11an HT20 (6.5Mbps)
CH36

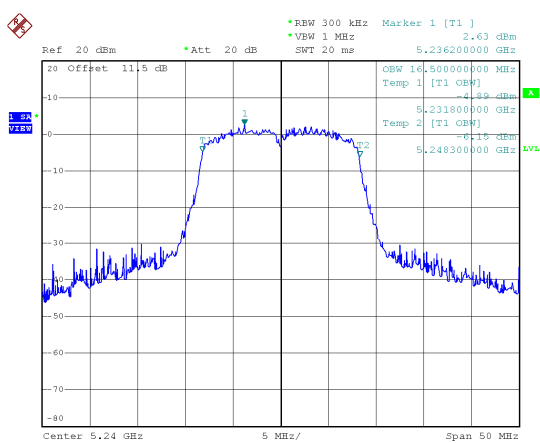
CH44



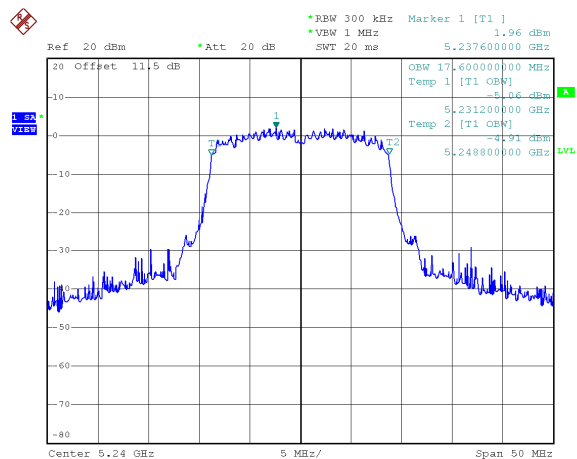
CH44



CH48

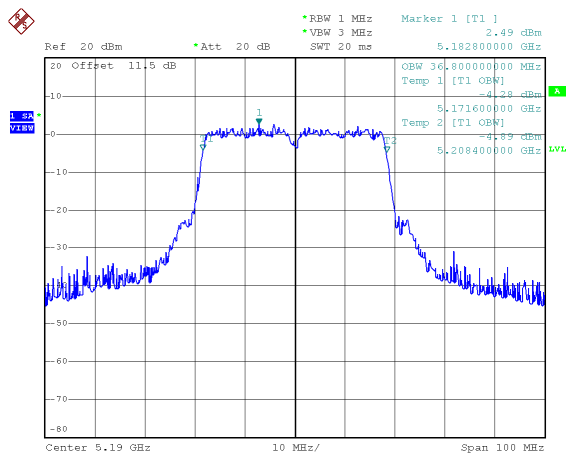


CH48

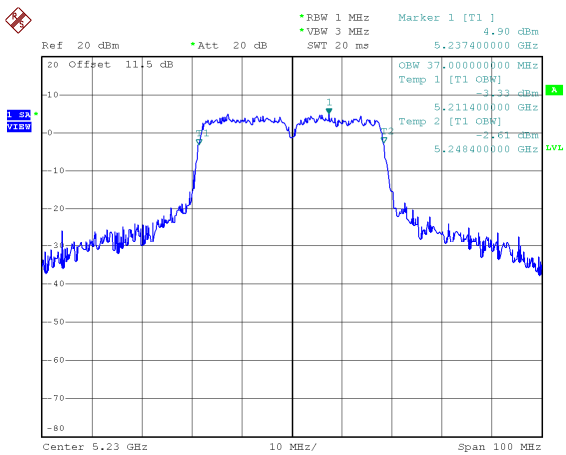




Band 1, 2TX: ANT A
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH38

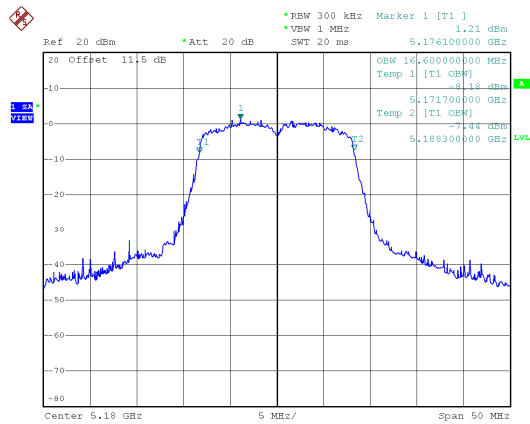


CH46

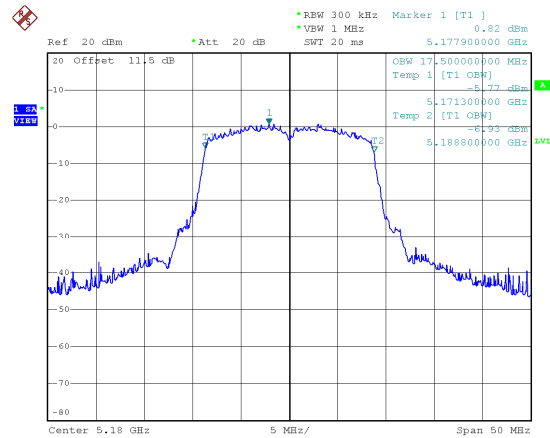




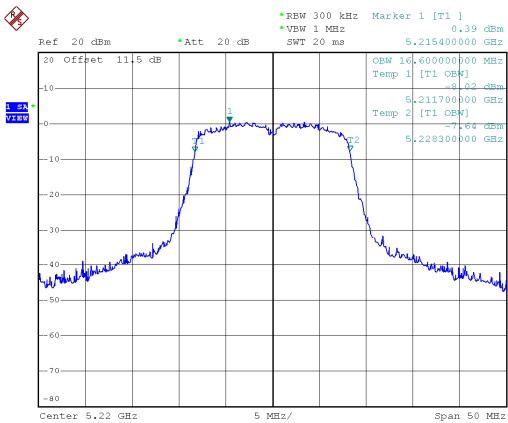
Band 1, 2TX: ANT B
Modulation Standard: 802.11a (6Mbps)
CH36



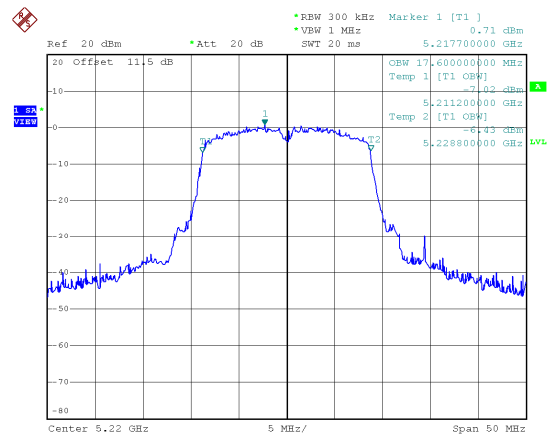
802.11an HT20 (6.5Mbps)
CH36



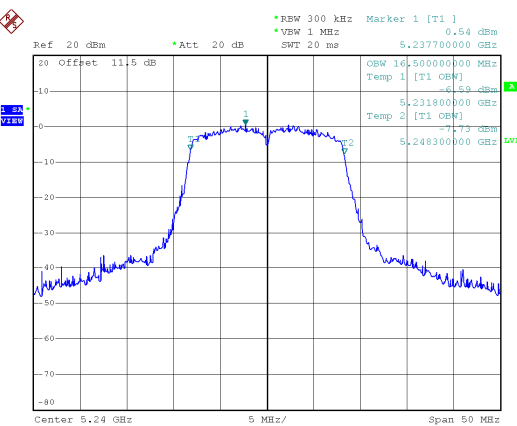
CH44



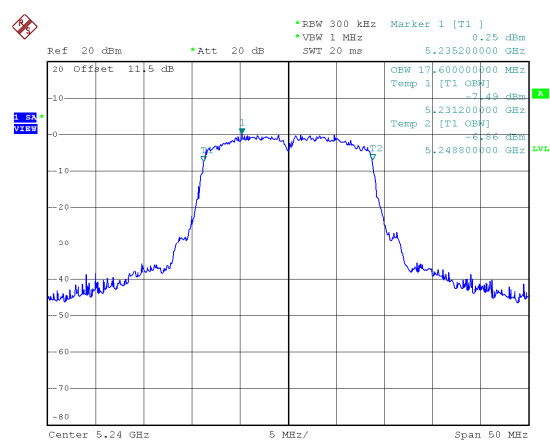
CH44



CH48

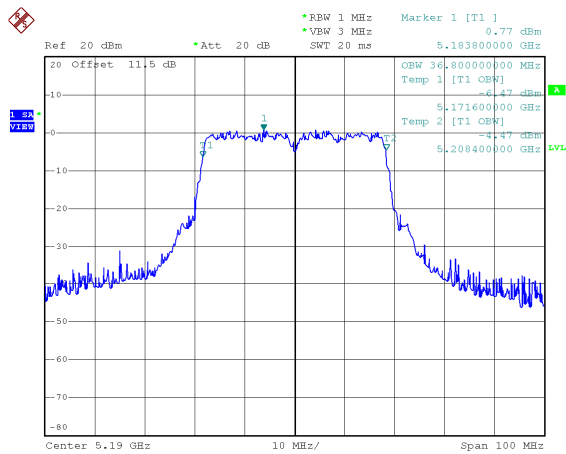


CH48





Band 1, 2TX: ANT B
Modulation Standard: 802.11an HT40 (13.5Mbps)
CH38



CH46

