



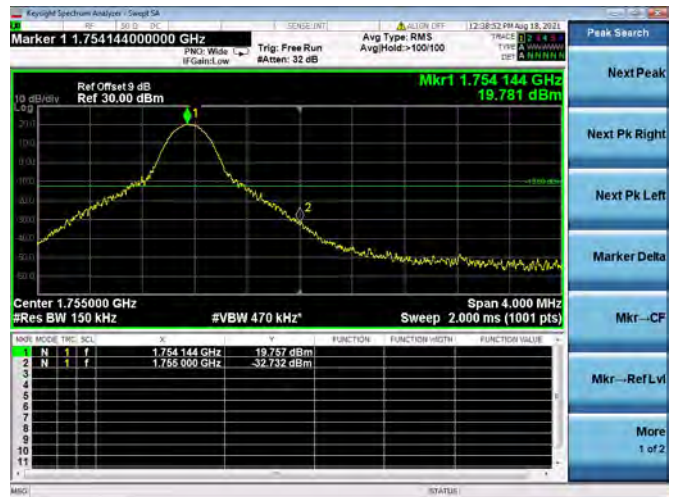
LTE ULCA_4A-5A PCC(4A)

Channel Bandwidth: 15 MHz

Low 1RB



High 1RB



Low FULL RB



High FULL RB



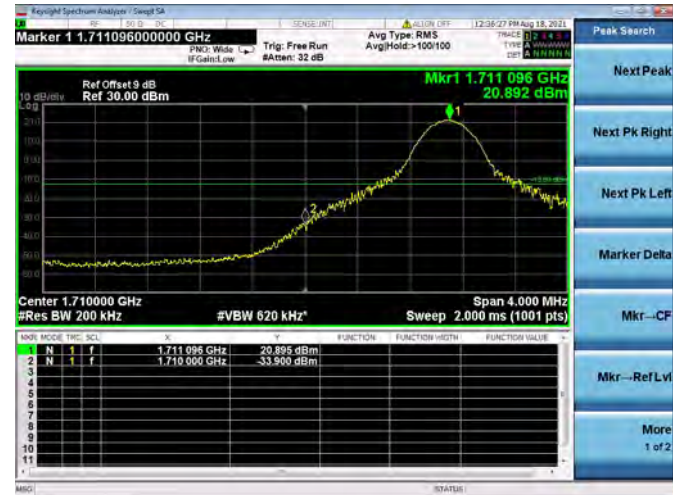


REPORT No.: SZ21100132W09

LTE ULCA_4A-5A PCC(4A)

Channel Bandwidth: 20 MHz

Low 1RB



High 1RB



Low FULL RB



High FULL RB





LTE ULCA_4A-5A SCC(5A)

Channel Bandwidth: 5 MHz

Low 1RB



High 1RB



Low FULL RB



High FULL RB





REPORT No.: SZ21100132W09

LTE ULCA_4A-5A SCC(5A)

Channel Bandwidth: 10 MHz

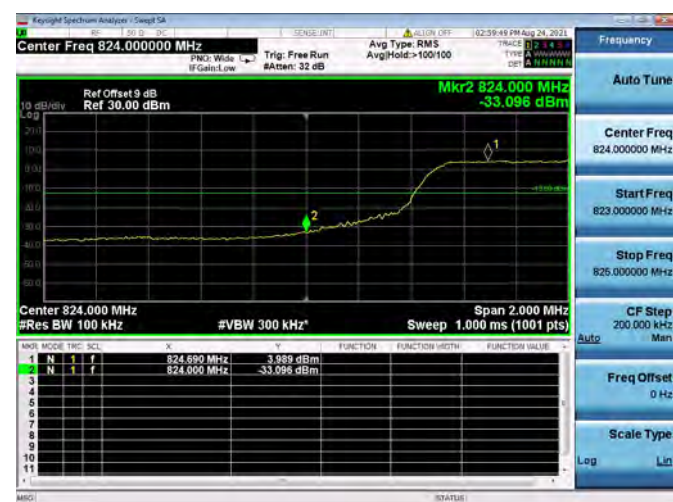
Low 1RB



High 1RB



Low FULL RB



High FULL RB





LTE ULCA_5A-66A PCC(5A)

Channel Bandwidth: 5 MHz

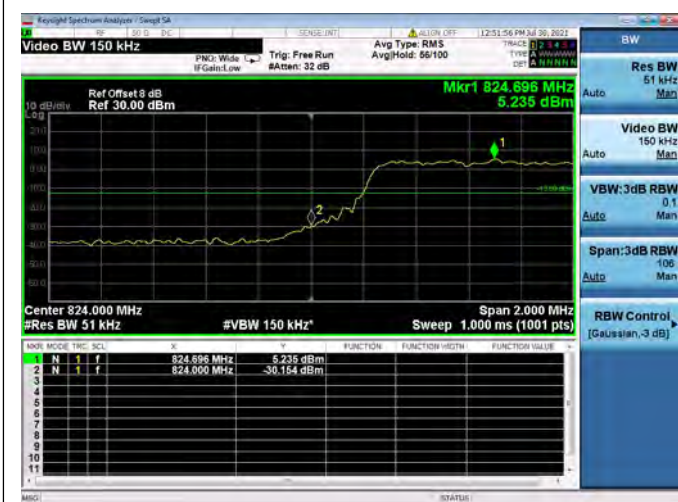
Low 1RB



High 1RB



Low FULL RB



High FULL RB





LTE ULCA_5A-66A PCC(5A)

Channel Bandwidth: 10 MHz

Low 1RB



High 1RB



Low FULL RB



High FULL RB





LTE ULCA_5A-66A SCC(66A)

Channel Bandwidth: 5 MHz

Low 1RB



High 1RB



Low FULL RB



High FULL RB





LTE ULCA_5A-6A SCC(66A)

Channel Bandwidth: 10 MHz

Low 1RB



High 1RB



Low FULL RB



High FULL RB





REPORT No.: SZ21100132W09

LTE ULCA_5A-66A SCC(66A)

Channel Bandwidth: 15 MHz

Low 1RB



High 1RB



Low FULL RB



High FULL RB



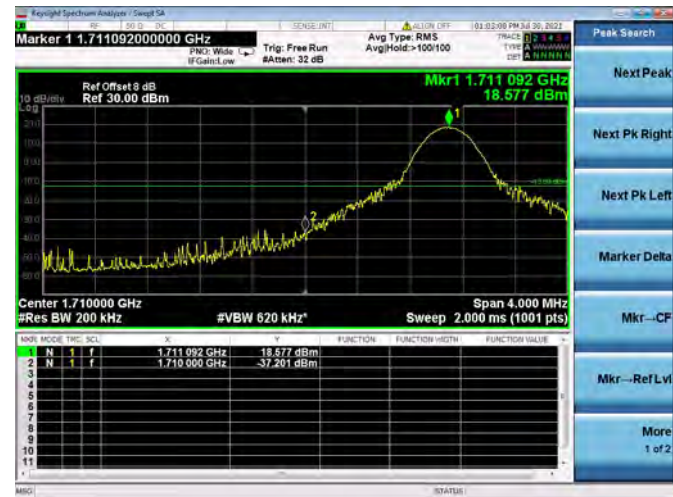


REPORT No.: SZ21100132W09

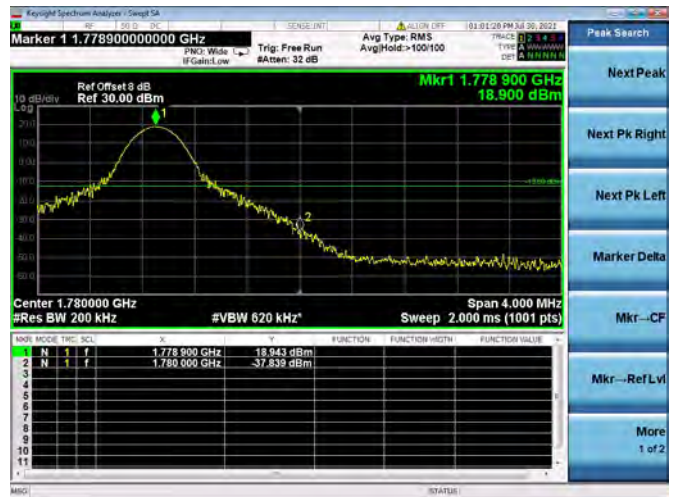
LTE ULCA_5A-66A SCC(66A)

Channel Bandwidth: 20 MHz

Low 1RB



High 1RB



Low FULL RB



High FULL RB

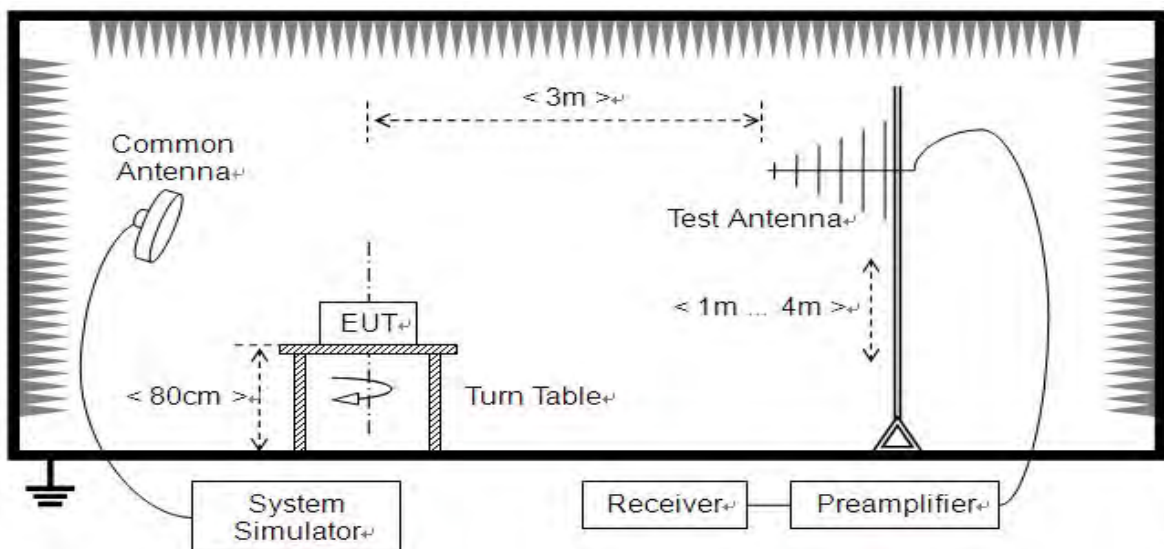


2.5. Radiated Spurious Emissions

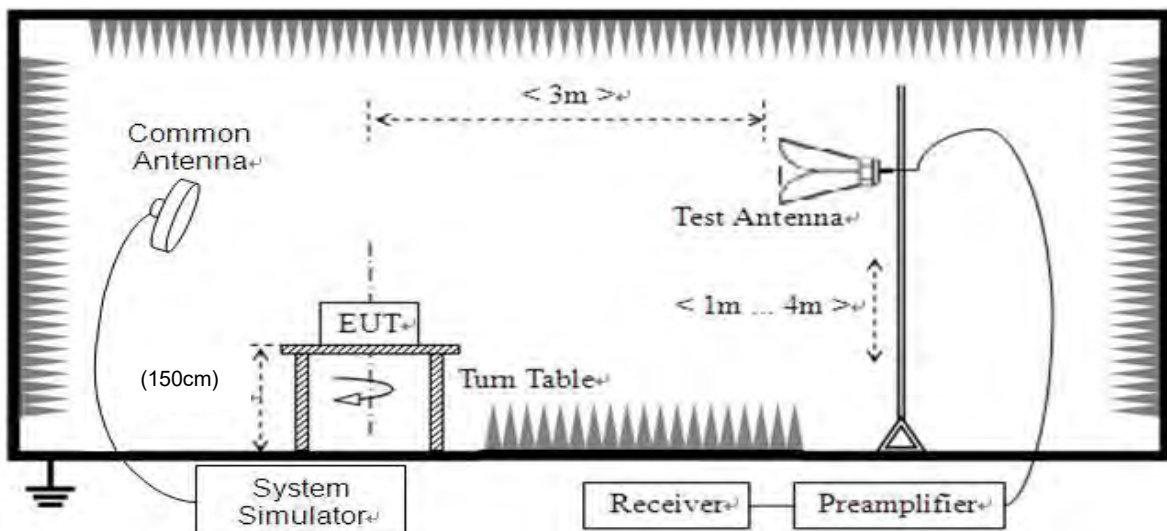
2.5.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10\log(P)$ dB. This calculated to be -13 dBm.

2.5.2. Test Description



(For the test frequency from 30 MHz to 1 GHz)



(For the test frequency above 1 GHz)



The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.

A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

In the frequency range above 30 MHz, Bi-Log Test Antenna (30 MHz to 1 GHz) and Horn Test Antenna (above 1 GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360° to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

Note: when doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.5.3. Test procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.



2.5.4. Test Result

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. Test Antenna height is varied from 1m to 4m above the ground, and the Turn Table is actuated to turn from 0° to 360°, both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The substitution corrections are obtained as described below:

$$A_{\text{SUBST}} = P_{\text{SUBST_TX}} - P_{\text{SUBST_RX}} - L_{\text{SUBST_CABLES}} + G_{\text{SUBST_TX_ANT}}$$

$$A_{\text{TOT}} = L_{\text{CABLES}} + A_{\text{SUBST}}$$

Where A_{SUBST} is the final substitution correction including receive antenna gain.

$P_{\text{SUBST_TX}}$ is signal generator level,

$P_{\text{SUBST_RX}}$ is receiver level,

$L_{\text{SUBST_CABLES}}$ is cable losses including TX cable,

$G_{\text{SUBST_TX_ANT}}$ is substitution antenna gain.

A_{TOT} is total correction factor including cable loss and substitution correction

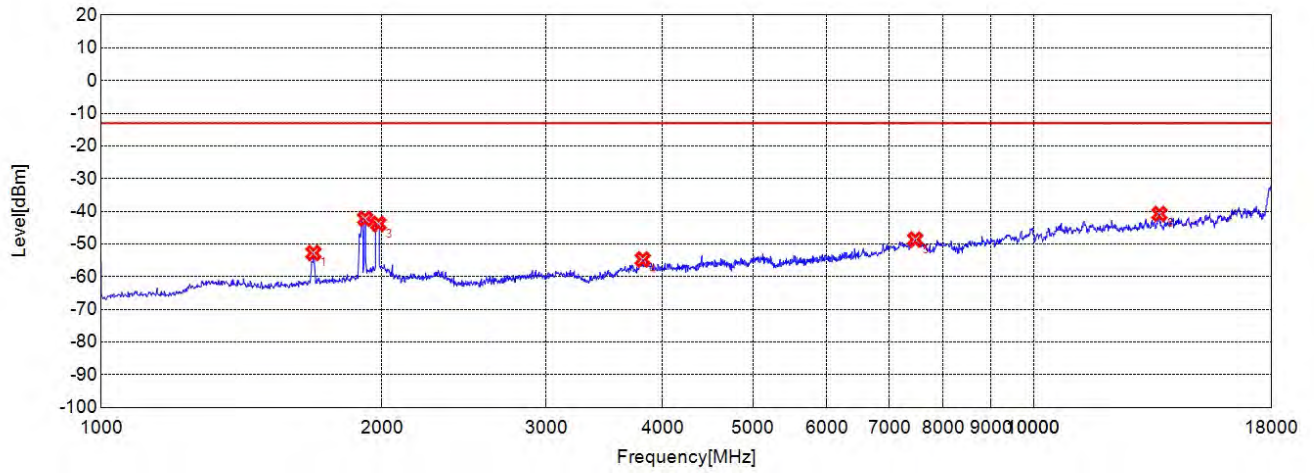
During the test, the data of A_{TOT} was added in the Test Spectrum Analyze, so Spectrum Analyze reading is the final values which contain the data of A_{TOT} .

Note1: The power of the EUT transmitting frequency should be ignored.

Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note3: All bandwidth and test channel were considered and evaluated respectively by performing full test for each band, only the worst cases were recorded in this test report.

Test Graph



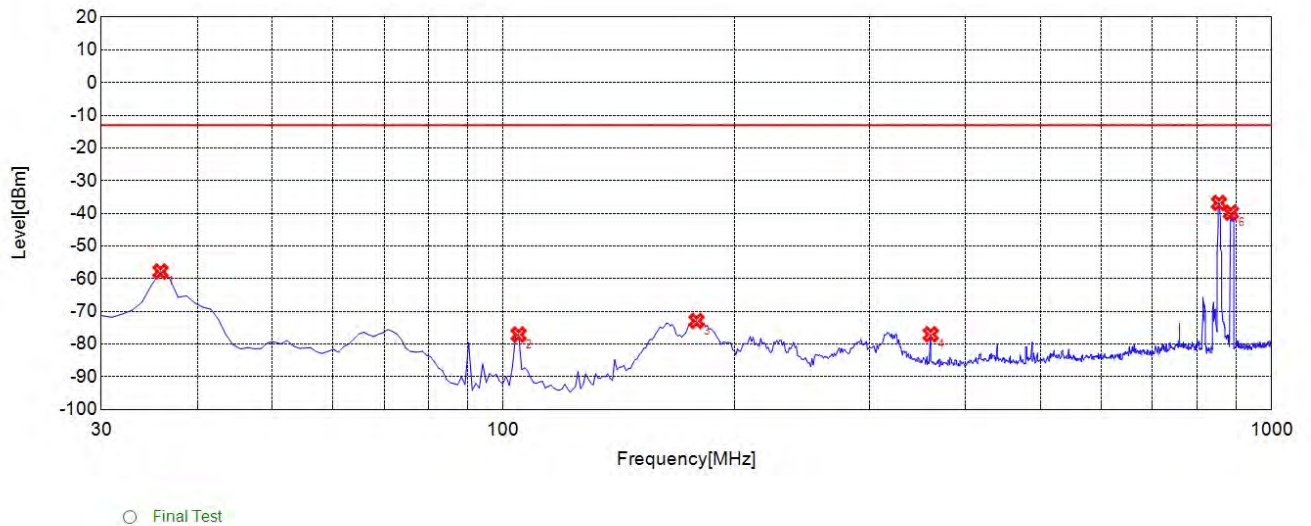
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1688.6890	-52.76	-13.00	39.76	-8.55	-46.33	37.78	66	z	Horizontal
2	1918.9190	-42.28	-13.00	29.28	-5.72	-46.62	40.90	5	z	N/A
3	1982.9830	-43.82	-13.00	30.82	-4.52	-46.32	41.80	147	z	N/A
4	3809.3090	-54.71	-13.00	41.71	-6.65	-46.16	39.51	80	z	Horizontal
5	7466.9670	-48.64	-13.00	35.64	7.38	-38.58	45.96	185	z	Horizontal
6	13648.6490	-40.79	-13.00	27.79	20.05	-29.99	50.04	118	z	Horizontal

CA_2A-5A High 2A 20M 5A 10M QPSK 1RB H 1-18G

Test Graph

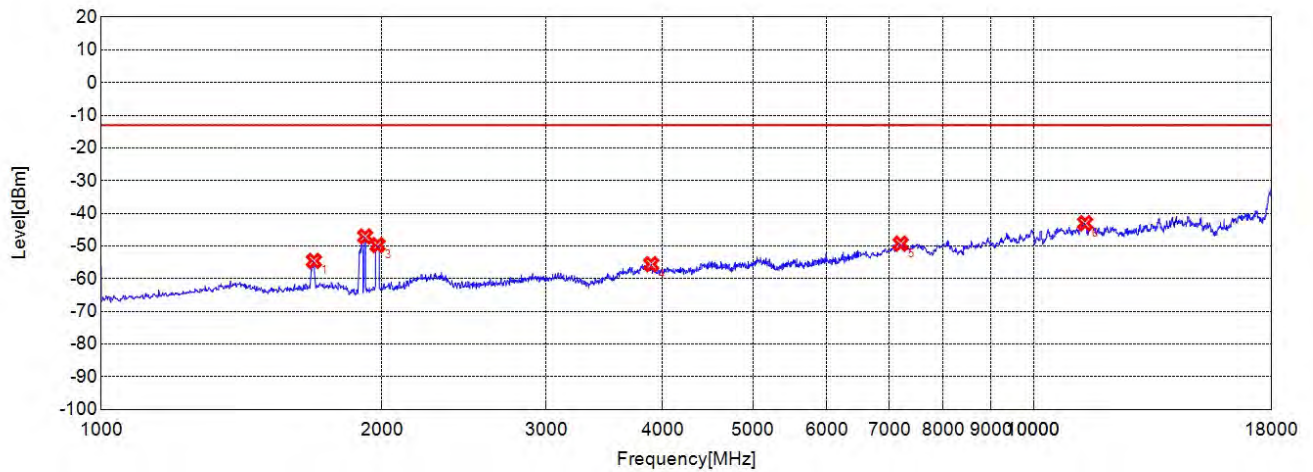


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-57.8	-13.00	44.80	-8.93	-39.57	30.64	172	z	Horizontal
2	104.7650	-77.1	-13.00	64.10	-17.53	-38.70	21.17	67	z	Horizontal
3	178.5590	-72.92	-13.00	59.92	-17.48	-38.11	20.63	202	z	Horizontal
4	360.1300	-77.02	-13.00	64.02	-11.33	-36.73	25.40	89	z	Horizontal
5	854.3540	-36.83	-13.00	23.83	-2.41	-34.08	31.67	67	z	N/A
6	885.4250	-39.78	-13.00	26.78	-2.07	-34.00	31.93	205	z	N/A

CA_2A-5A High 2A 20M 5A 10M QPSK 1RB H

Test Graph



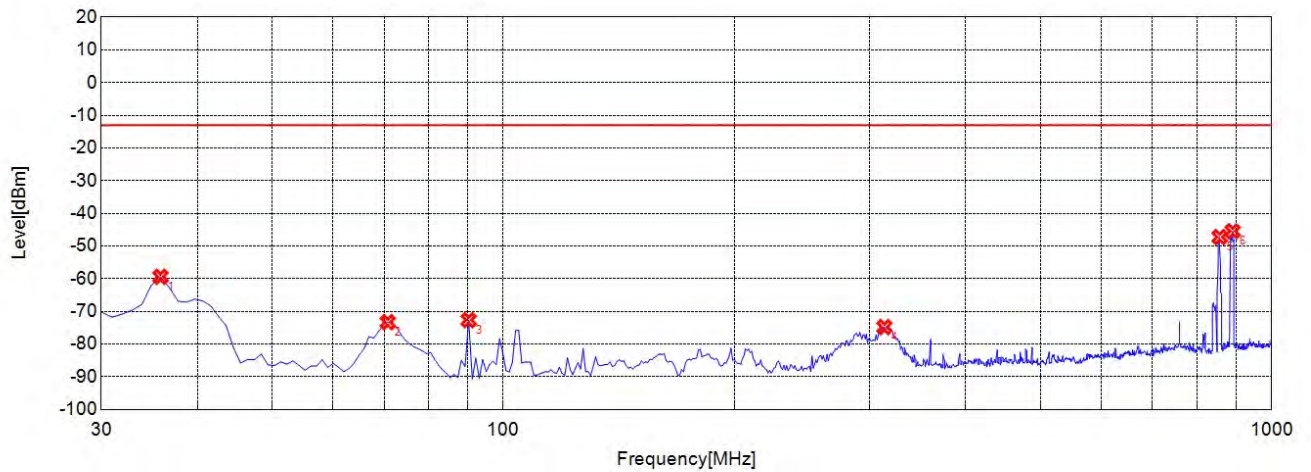
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1690.6910	-54.57	-13.00	41.57	-9.50	-46.34	36.84	130	z	Vertical
2	1918.9190	-47.09	-13.00	34.09	-11.00	-46.62	35.62	126	z	N/A
3	1978.9790	-49.73	-13.00	36.73	-10.23	-46.34	36.11	52	z	N/A
4	3889.8900	-55.56	-13.00	42.56	-7.47	-46.80	39.33	210	z	Vertical
5	7202.2020	-49.29	-13.00	36.29	6.30	-39.23	45.53	8	z	Vertical
6	11357.8580	-43.03	-13.00	30.03	13.53	-35.62	49.15	106	z	Vertical

CA_2A-5A High 2A 20M 5A 10M QPSK 1RB V 1-18G

Test Graph



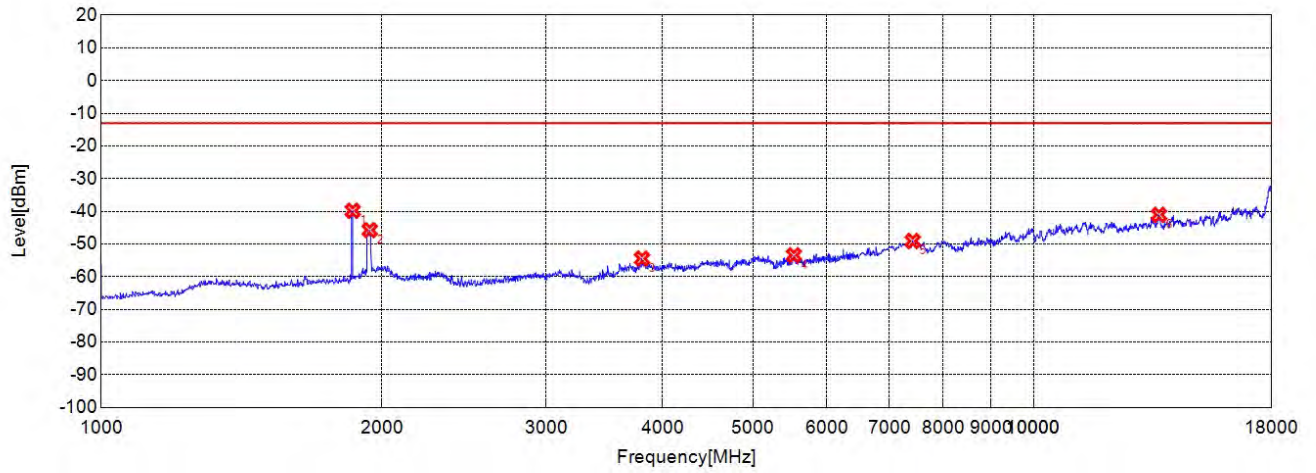
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-59.41	-13.00	46.41	-16.61	-39.57	22.96	238	z	Vertical
2	70.7810	-73.31	-13.00	60.31	-18.39	-39.48	21.09	145	z	Vertical
3	90.2000	-72.68	-13.00	59.68	-16.50	-38.71	22.21	297	z	Vertical
4	313.5240	-74.81	-13.00	61.81	-11.71	-36.97	25.26	214	z	Vertical
5	856.2960	-47.26	-13.00	34.26	-2.88	-34.07	31.19	346	z	N/A
6	890.2800	-45.48	-13.00	32.48	-1.20	-33.99	32.79	276	z	N/A

CA_2A-5A High 2A 20M 5A 10M QPSK 1RB V

Test Graph



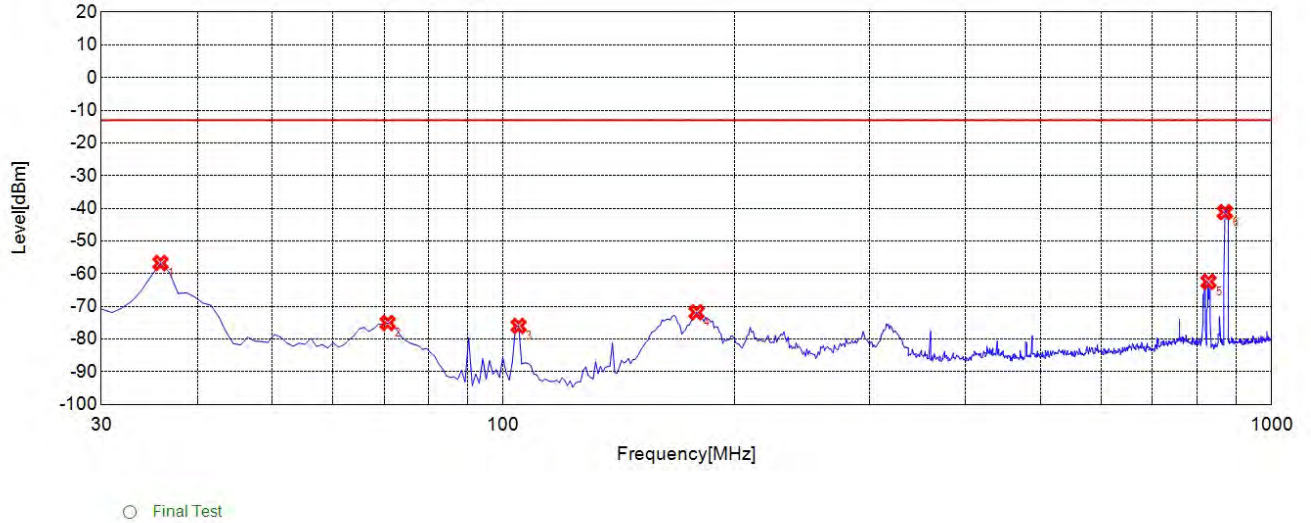
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1860.8610	-39.83	-13.00	26.83	-7.06	-46.68	39.62	344	z	N/A
2	1940.9410	-45.74	-13.00	32.74	-5.28	-46.49	41.21	347	z	N/A
3	3802.3020	-54.47	-13.00	41.47	-6.51	-46.00	39.49	97	z	Horizontal
4	5533.0330	-53.44	-13.00	40.44	-2.04	-42.77	40.73	87	z	Horizontal
5	7420.9210	-49.08	-13.00	36.08	6.73	-38.89	45.62	306	z	Horizontal
6	13637.1370	-41.06	-13.00	28.06	19.78	-30.29	50.07	195	z	Horizontal

CA_2A-5A Low 2A 20M 5A 10M QPSK 1RB H 1-18G

Test Graph

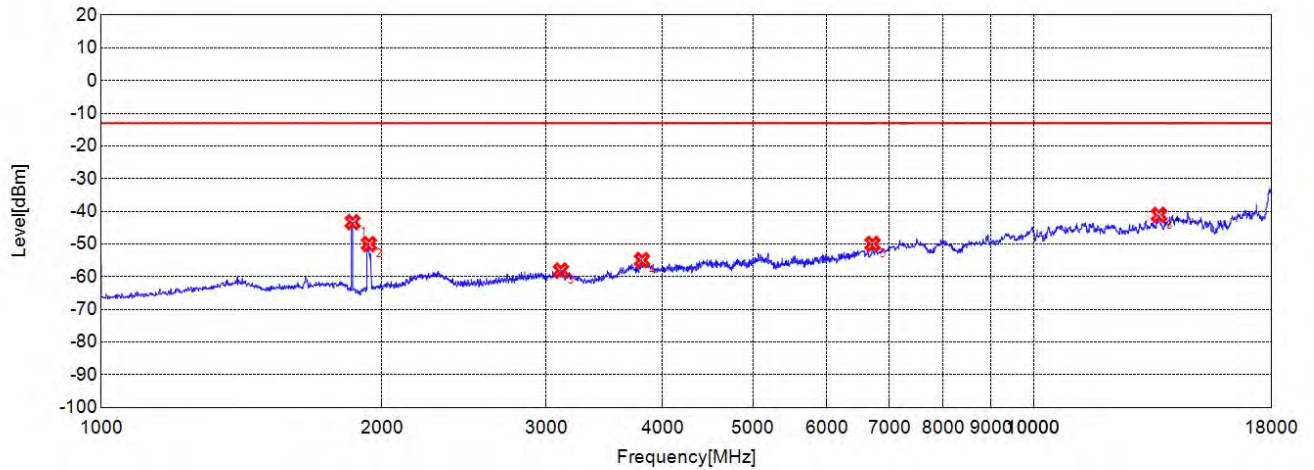


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-56.75	-13.00	43.75	-8.93	-39.57	30.64	318	z	Horizontal
2	70.7810	-75.05	-13.00	62.05	-16.13	-39.48	23.35	72	z	Horizontal
3	104.7650	-75.99	-13.00	62.99	-17.53	-38.70	21.17	298	z	Horizontal
4	178.5590	-71.84	-13.00	58.84	-17.48	-38.11	20.63	144	z	Horizontal
5	828.1380	-62.47	-13.00	49.47	-2.86	-34.16	31.30	77	z	N/A
6	869.8900	-41.18	-13.00	28.18	-2.19	-34.04	31.85	102	z	N/A

CA_2A-5A Low 2A 20M 5A 10M QPSK 1RB H

Test Graph

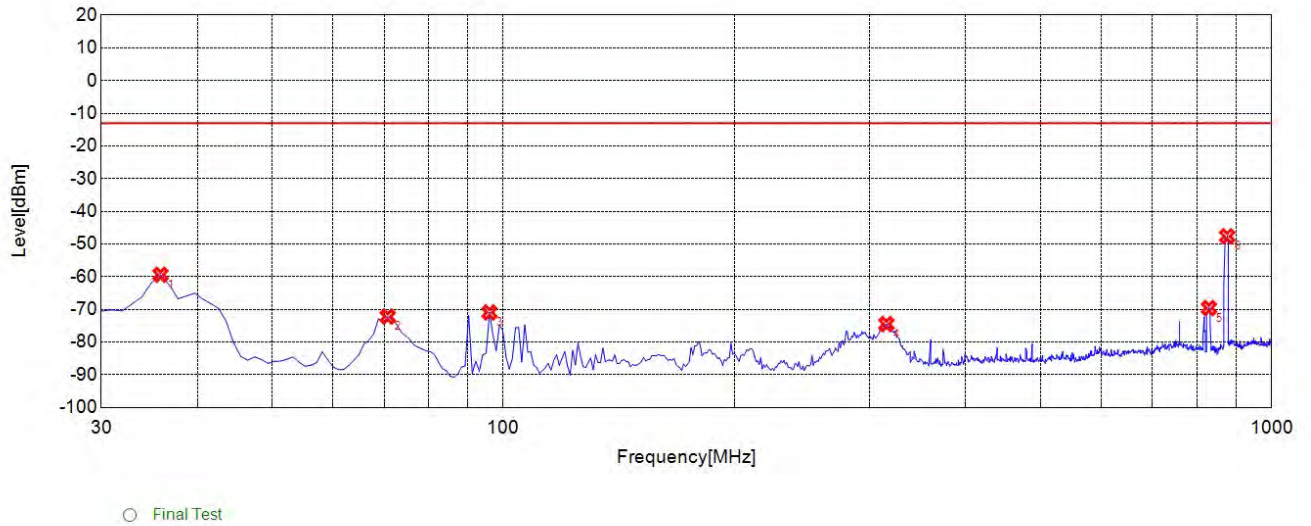


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1860.8610	-43.3	-13.00	30.30	-10.59	-46.68	36.09	283	z	N/A
2	1936.9370	-50.02	-13.00	37.02	-10.75	-46.51	35.76	358	z	N/A
3	3112.1120	-58.13	-13.00	45.13	-8.68	-47.26	38.58	297	z	Vertical
4	3802.3020	-54.91	-13.00	41.91	-6.93	-46.00	39.07	267	z	Vertical
5	6718.7190	-49.97	-13.00	36.97	1.54	-41.38	42.92	351	z	Vertical
6	13637.1370	-41.12	-13.00	28.12	19.53	-30.29	49.82	289	z	Vertical

CA_2A-5A Low 2A 20M 5A 10M QPSK 1RB V 1-18G

Test Graph

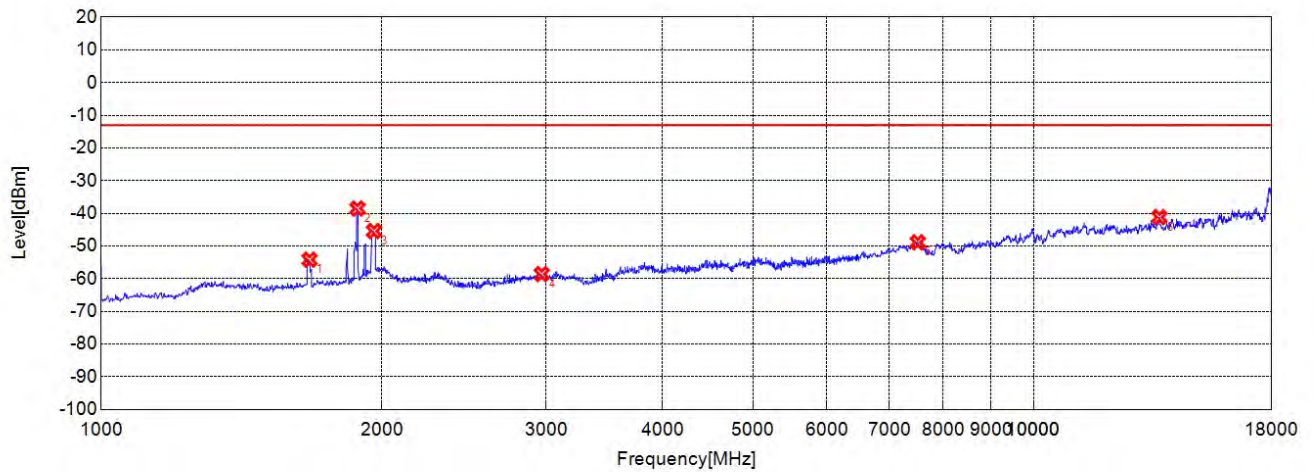


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-59.4	-13.00	46.40	-16.61	-39.57	22.96	43	z	Vertical
2	70.7810	-72.21	-13.00	59.21	-18.39	-39.48	21.09	33	z	Vertical
3	96.0260	-70.93	-13.00	57.93	-14.07	-38.70	24.63	111	z	Vertical
4	315.4650	-74.51	-13.00	61.51	-11.66	-36.98	25.32	302	z	Vertical
5	829.1090	-69.58	-13.00	56.58	-2.57	-34.15	31.58	301	z	N/A
6	875.7160	-47.63	-13.00	34.63	-1.87	-34.03	32.16	285	z	N/A

CA_2A-5A Low 2A 20M 5A 10M QPSK 1RB V

Test Graph



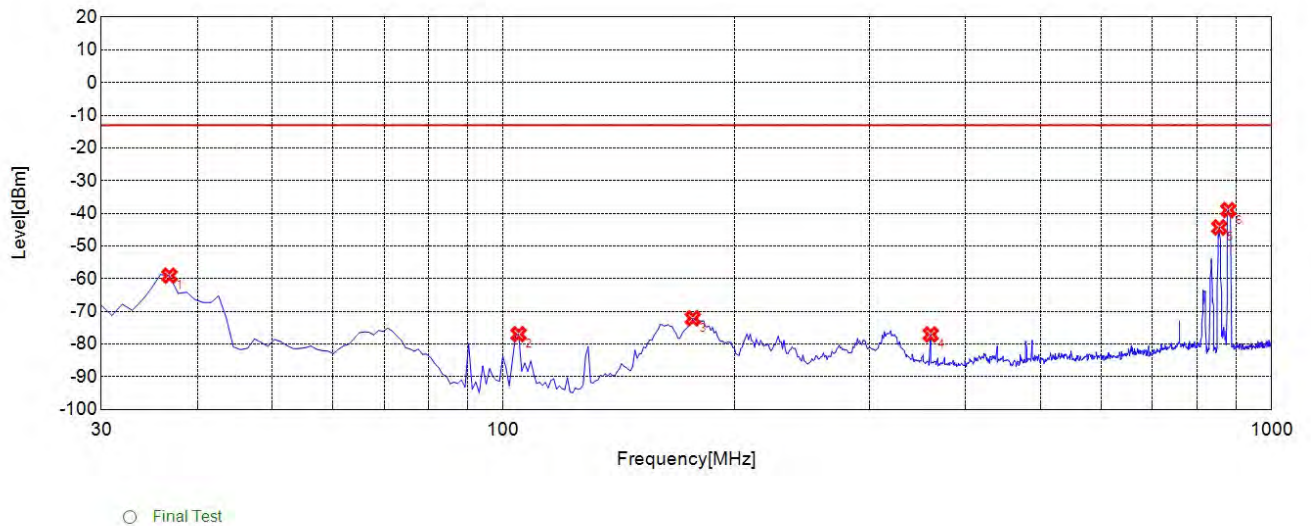
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1672.6730	-54.17	-13.00	41.17	-8.72	-46.29	37.57	163	z	Horizontal
2	1882.8830	-38.53	-13.00	25.53	-6.52	-46.71	40.19	36	z	N/A
3	1960.9610	-45.43	-13.00	32.43	-4.90	-46.39	41.49	47	z	N/A
4	2967.9680	-58.58	-13.00	45.58	-8.99	-47.77	38.78	304	z	Horizontal
5	7513.0130	-48.87	-13.00	35.87	7.87	-38.19	46.06	239	z	Horizontal
6	13648.6490	-41.17	-13.00	28.17	20.05	-29.99	50.04	82	z	Horizontal

CA_2A-5A Mid 2A 20M 5A 10M QPSK 1RB H 1-18G

Test Graph

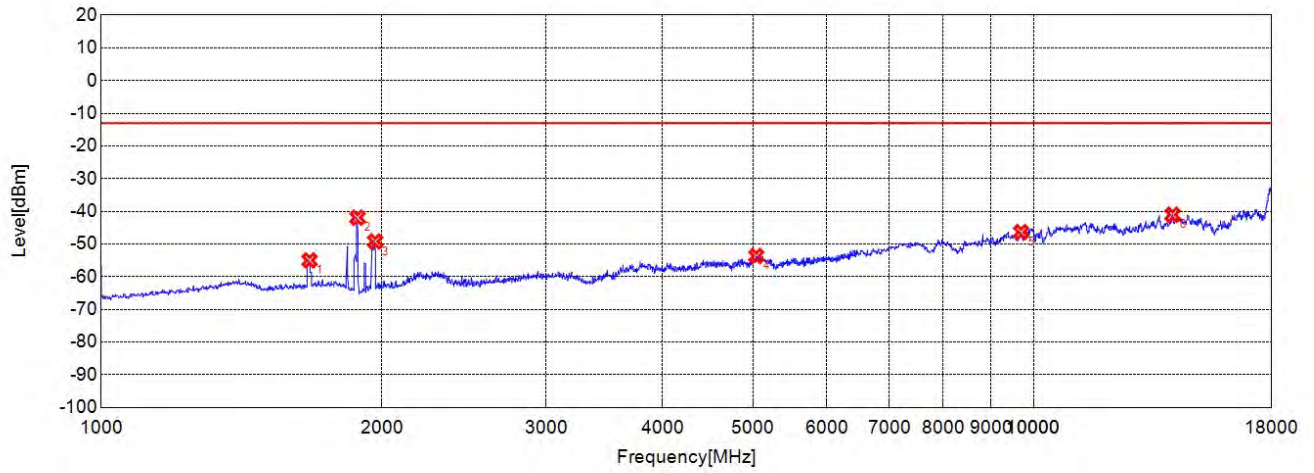


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-59.08	-13.00	46.08	-8.51	-39.57	31.06	189	z	Horizontal
2	104.7650	-76.99	-13.00	63.99	-17.53	-38.70	21.17	16	z	Horizontal
3	176.6170	-72.12	-13.00	59.12	-17.70	-38.11	20.41	98	z	Horizontal
4	360.1300	-77.06	-13.00	64.06	-11.33	-36.73	25.40	304	z	Horizontal
5	855.3250	-44.32	-13.00	31.32	-2.40	-34.08	31.68	168	z	N/A
6	878.6290	-39.01	-13.00	26.01	-2.16	-34.02	31.86	44	z	N/A

CA_2A-5A Mid 2A 20M 5A 10M QPSK 1RB H

Test Graph



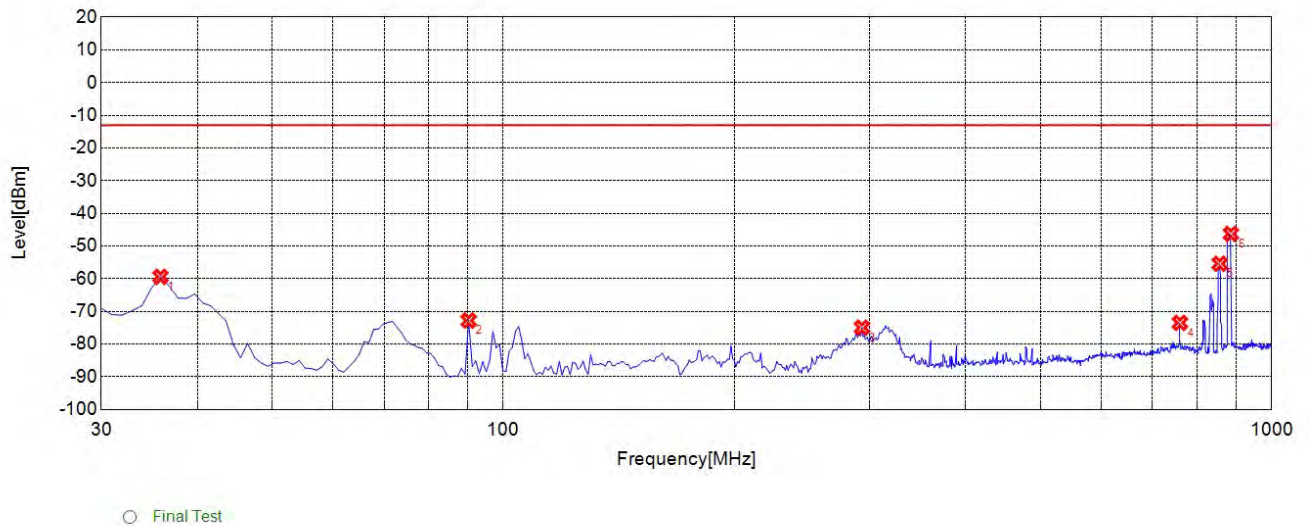
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1672.6730	-55	-13.00	42.00	-9.64	-46.29	36.65	258	z	Vertical
2	1882.8830	-41.93	-13.00	28.93	-10.97	-46.71	35.74	136	z	N/A
3	1966.9670	-49.21	-13.00	36.21	-10.37	-46.38	36.01	334	z	N/A
4	5042.5430	-53.67	-13.00	40.67	-2.68	-43.85	41.17	150	z	Vertical
5	9700.2000	-46.34	-13.00	33.34	10.70	-37.99	48.69	70	z	Vertical
6	14097.5980	-41.03	-13.00	28.03	20.44	-29.92	50.36	170	z	Vertical

CA_2A-5A Mid 2A 20M 5A 10M QPSK 1RB V 1-18G

Test Graph

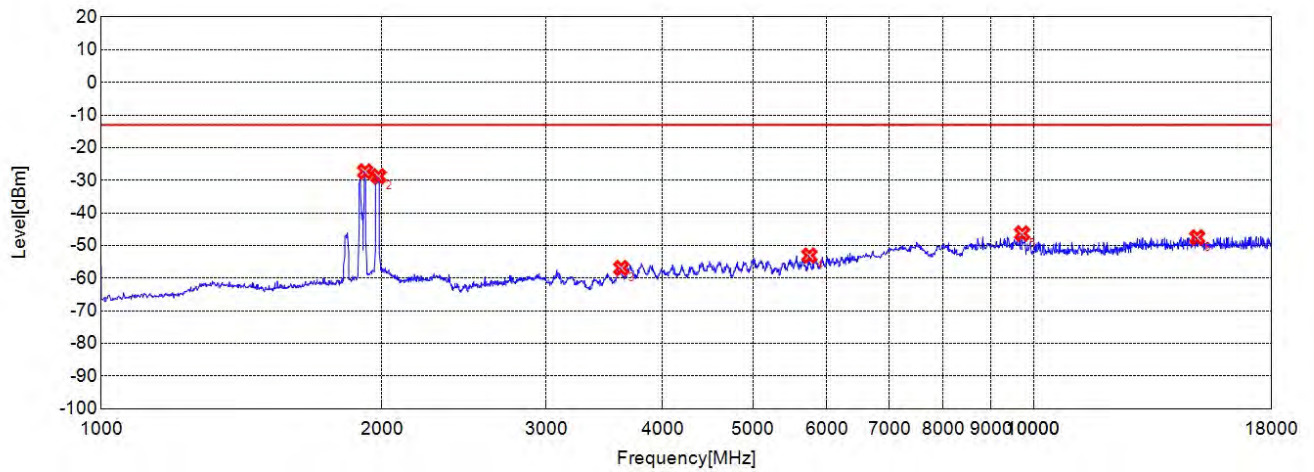


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-59.4	-13.00	46.40	-16.61	-39.57	22.96	255	z	Vertical
2	90.2000	-72.81	-13.00	59.81	-16.50	-38.71	22.21	312	z	Vertical
3	293.1330	-74.99	-13.00	61.99	-12.06	-36.97	24.91	164	z	Vertical
4	760.1700	-73.52	-13.00	60.52	-2.30	-34.21	31.91	128	z	Vertical
5	856.2960	-55.41	-13.00	42.41	-2.88	-34.07	31.19	173	z	N/A
6	885.4250	-46.28	-13.00	33.28	-1.36	-34.00	32.64	46	z	N/A

CA_2A-5A Mid 2A 20M 5A 10M QPSK 1RB V

Test Graph



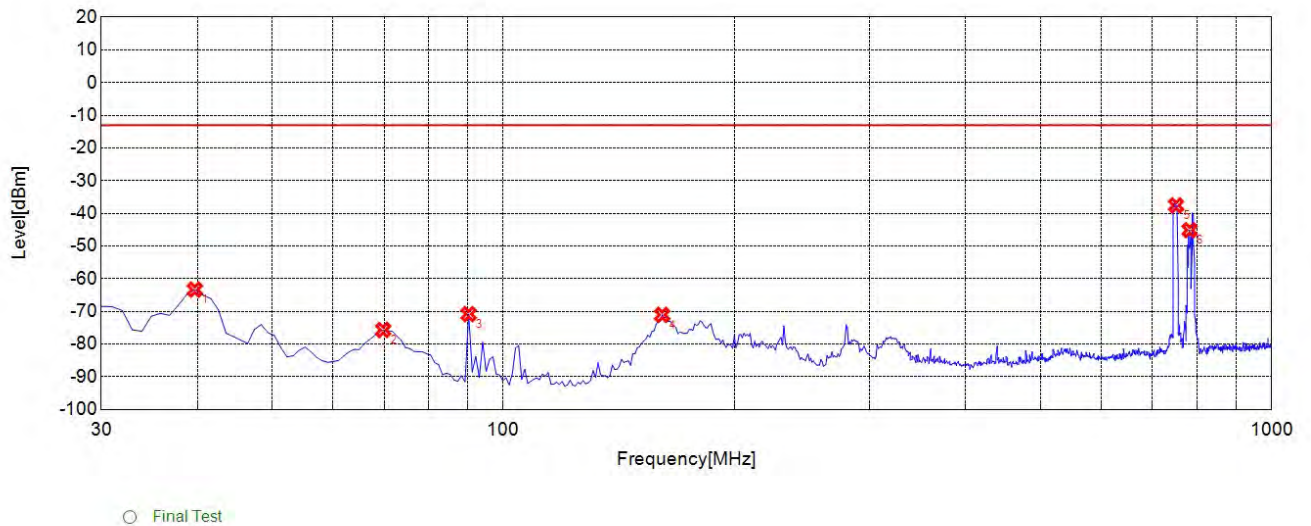
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1918.9190	-27.3	-40.00	-12.70	-5.72	-46.62	40.90	215	z	N/A
2	1982.9830	-28.78	-40.00	-11.22	-4.52	-46.32	41.80	260	z	N/A
3	3613.1130	-56.92	-13.00	43.92	-7.76	-47.03	39.27	347	z	Horizontal
4	5750.2500	-53.07	-13.00	40.07	-1.63	-42.75	41.12	83	z	Horizontal
5	9723.2230	-46.31	-13.00	33.31	10.31	-38.45	48.76	218	z	Horizontal
6	14983.9840	-47.5	-13.00	34.50	17.30	-32.51	49.81	321	z	Horizontal

CA_2A-13A High 2A 20M 13A 10M QPSK 1RB H 1-18G

Test Graph

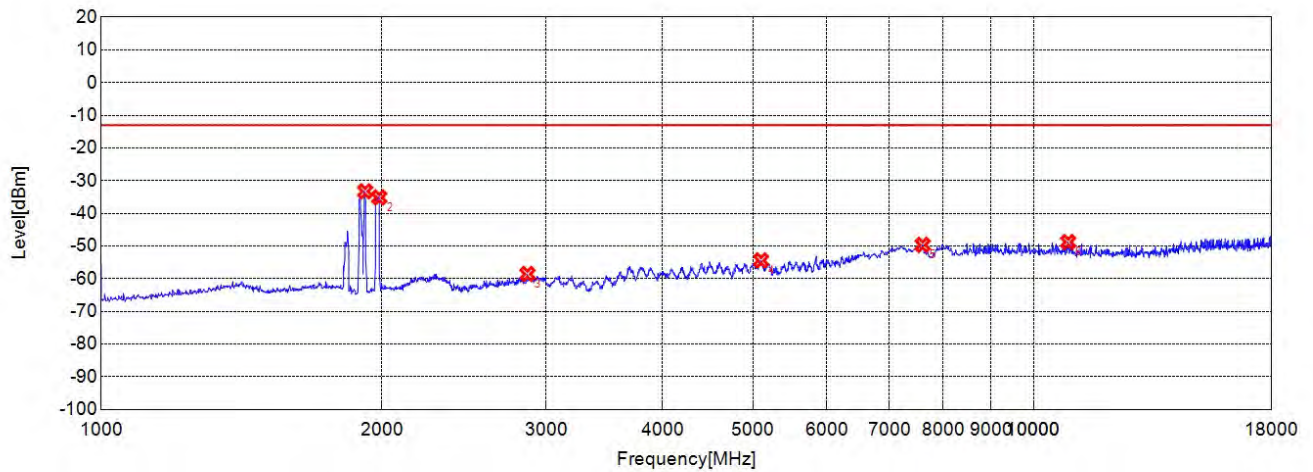


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	39.7100	-63.34	-40.00	23.34	-7.19	-39.54	32.35	90	z	Horizontal
2	69.8100	-75.69	-40.00	35.69	-15.85	-39.51	23.66	307	z	Horizontal
3	90.2000	-70.83	-40.00	30.83	-18.92	-38.71	19.79	143	z	Horizontal
4	161.0810	-71.08	-40.00	31.08	-19.50	-38.36	18.86	206	z	Horizontal
5	751.4310	-37.58	-40.00	-2.42	-2.93	-34.20	31.27	93	z	N/A
6	782.5030	-45.14	-40.00	5.14	-3.20	-34.23	31.03	119	z	N/A

CA_2A-13A High 2A 20M 13A 10M QPSK 1RB H

Test Graph



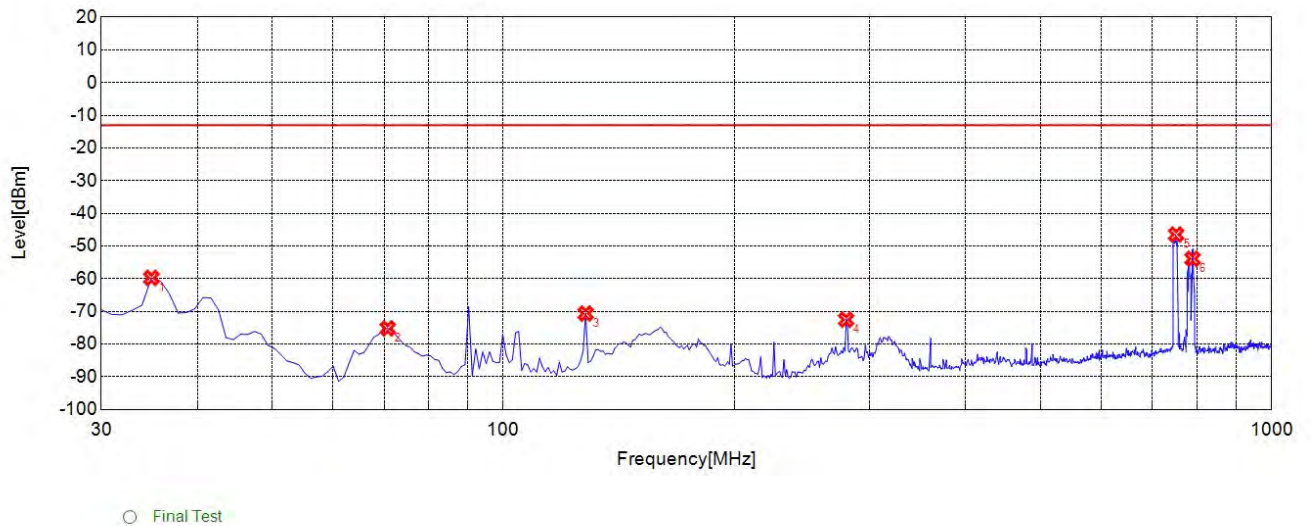
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1918.9190	-33.27	-40.00	-6.73	-11.00	-46.62	35.62	23	z	N/A
2	1986.9870	-35.14	-40.00	-4.86	-10.14	-46.31	36.17	280	z	N/A
3	2865.8660	-58.57	-40.00	18.57	-9.21	-47.57	38.36	214	z	Vertical
4	5102.1020	-54.41	-40.00	14.41	-2.13	-43.84	41.71	70	z	Vertical
5	7605.1050	-49.65	-40.00	9.65	7.36	-37.80	45.16	23	z	Vertical
6	10897.3970	-48.78	-40.00	8.78	12.31	-37.21	49.52	190	z	Vertical

CA_2A-13A High 2A 20M 13A 10M QPSK 1RB V 1-18G

Test Graph

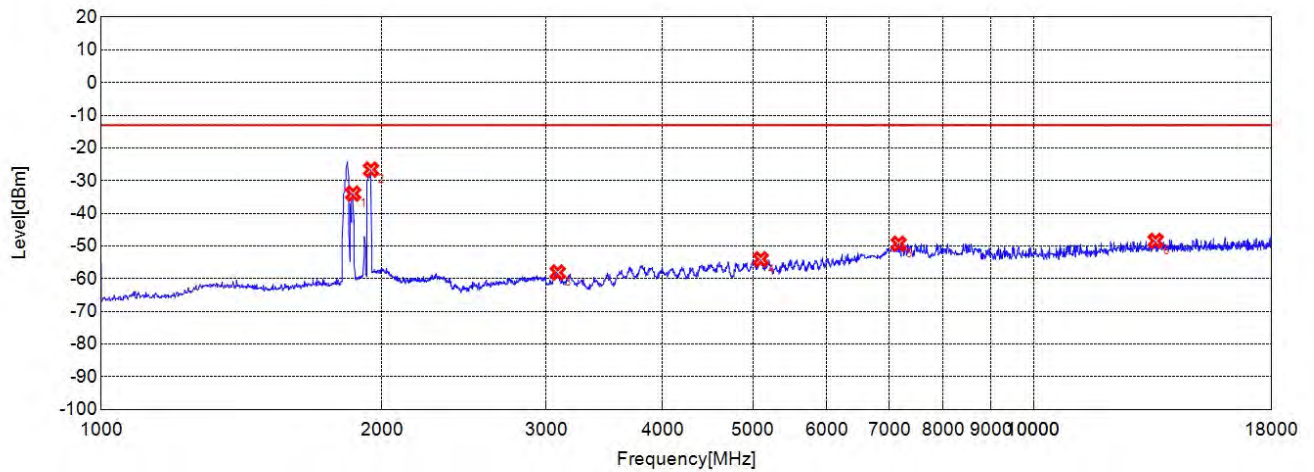


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	34.8550	-59.76	-40.00	19.76	-16.68	-39.58	22.90	174	z	Vertical
2	70.7810	-75.21	-40.00	35.21	-18.39	-39.48	21.09	263	z	Vertical
3	128.0680	-70.67	-40.00	30.67	-16.58	-38.52	21.94	328	z	Vertical
4	279.5400	-72.55	-40.00	32.55	-12.54	-37.04	24.50	337	z	Vertical
5	751.4310	-46.48	-40.00	6.48	-2.58	-34.20	31.62	199	z	N/A
6	789.2990	-53.92	-40.00	13.92	-3.45	-34.23	30.78	80	z	N/A

CA_2A-13A High 2A 20M 13A 10M QPSK 1RB V

Test Graph



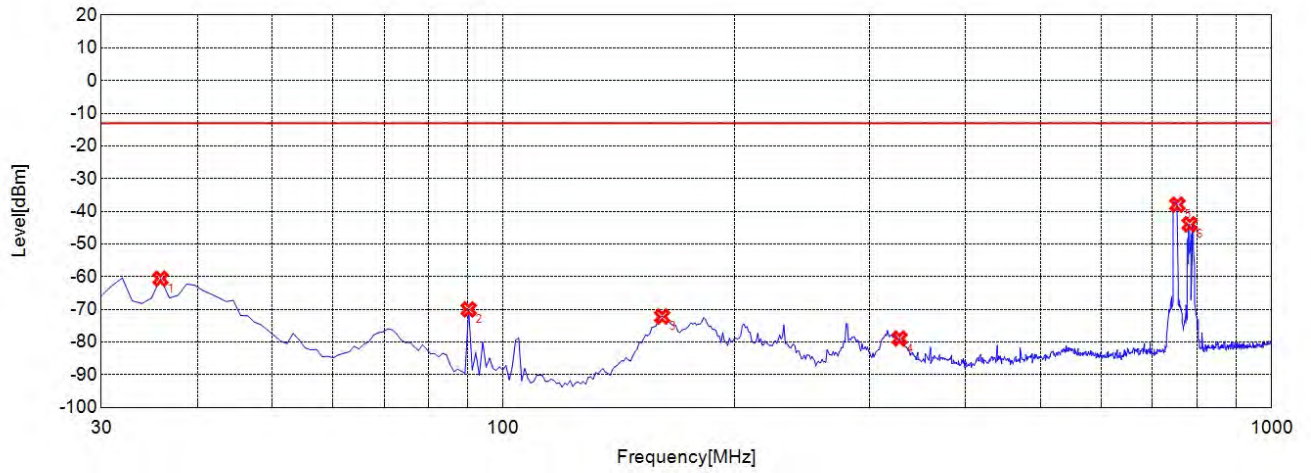
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1862.8630	-33.97	-40.00	-6.03	-7.00	-46.68	39.68	151	z	N/A
2	1946.9470	-26.62	-40.00	-13.38	-5.16	-46.45	41.29	245	z	N/A
3	3087.5880	-58.12	-40.00	18.12	-8.24	-47.17	38.93	247	z	Horizontal
4	5098.5990	-54.04	-40.00	14.04	-2.29	-43.84	41.55	300	z	Horizontal
5	7167.6680	-49.29	-40.00	9.29	5.68	-39.40	45.08	135	z	Horizontal
6	13522.0220	-48.43	-40.00	8.43	17.93	-32.30	50.23	264	z	Horizontal

CA_2A-13A Low 2A 20M 13A 10M QPSK 1RB H 1-18G

Test Graph



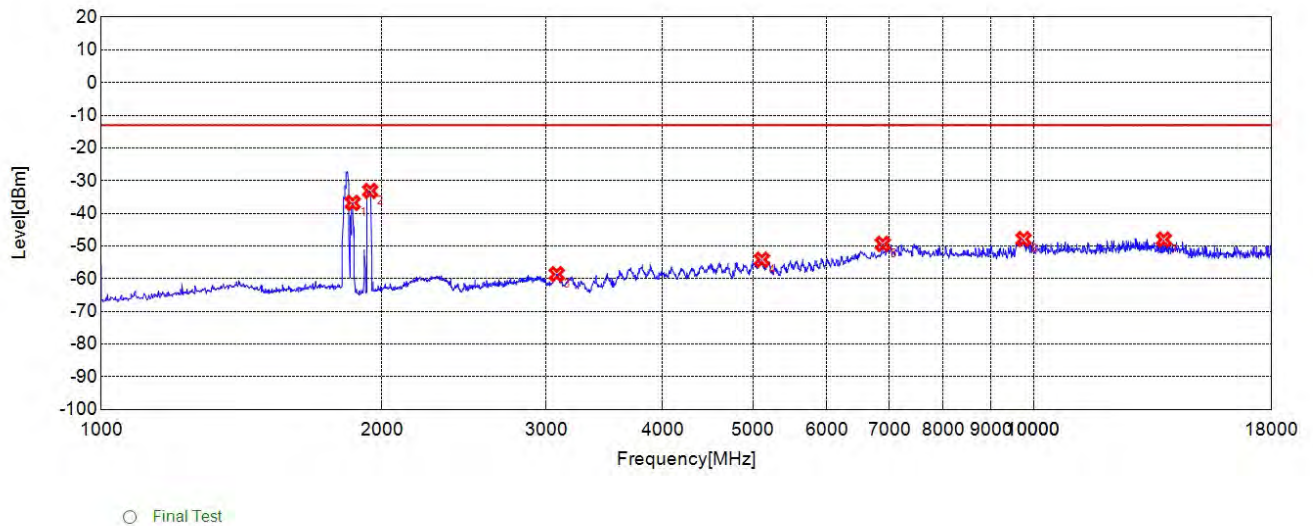
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-60.62	-40.00	20.62	-8.93	-39.57	30.64	129	z	Horizontal
2	90.2000	-70.01	-40.00	30.01	-18.92	-38.71	19.79	351	z	Horizontal
3	161.0810	-72.21	-40.00	32.21	-19.50	-38.36	18.86	199	z	Horizontal
4	328.0880	-78.91	-40.00	38.91	-12.42	-37.03	24.61	80	z	Horizontal
5	754.3440	-37.96	-40.00	-2.04	-2.78	-34.20	31.42	133	z	N/A
6	782.5030	-43.96	-40.00	3.96	-3.20	-34.23	31.03	92	z	N/A

CA_2A-13A Low 2A 20M 13A 10M QPSK 1RB H

Test Graph

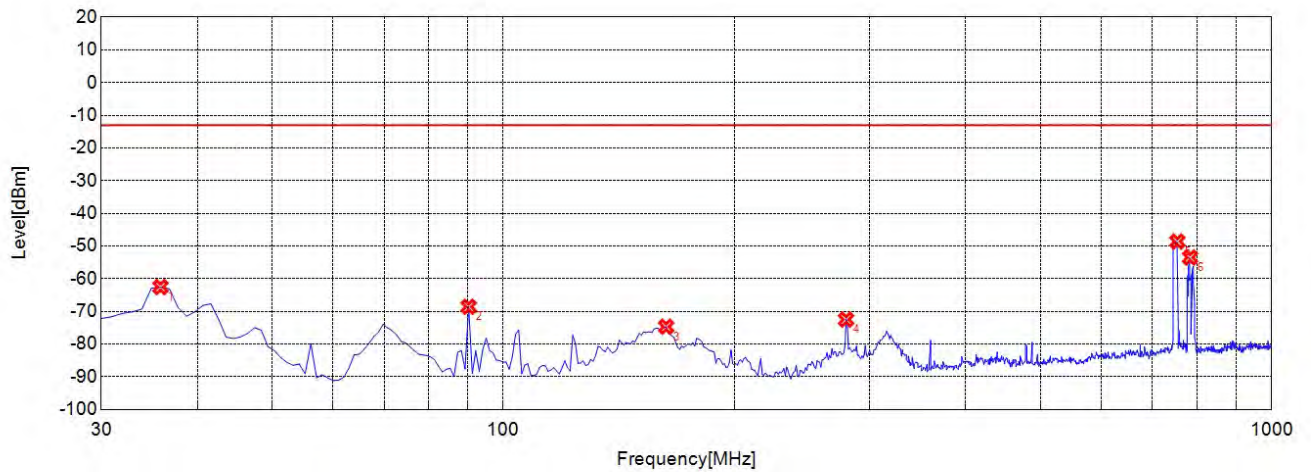


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1860.8610	-36.81	-40.00	-3.19	-10.59	-46.68	36.09	138	z	N/A
2	1942.9430	-33.15	-40.00	-6.85	-10.66	-46.47	35.81	53	z	N/A
3	3080.5810	-58.62	-40.00	18.62	-8.66	-47.22	38.56	107	z	Vertical
4	5112.6130	-54.19	-40.00	14.19	-2.21	-43.83	41.62	93	z	Vertical
5	6891.3910	-49.35	-40.00	9.35	3.12	-40.42	43.54	151	z	Vertical
6	9757.7580	-47.91	-40.00	7.91	10.14	-38.79	48.93	64	z	Vertical
7	13798.2980	-48.03	-40.00	8.03	17.11	-32.39	49.50	138	z	Vertical

CA_2A-13A Low 2A 20M 13A 10M QPSK 1RB V 1-18G

Test Graph



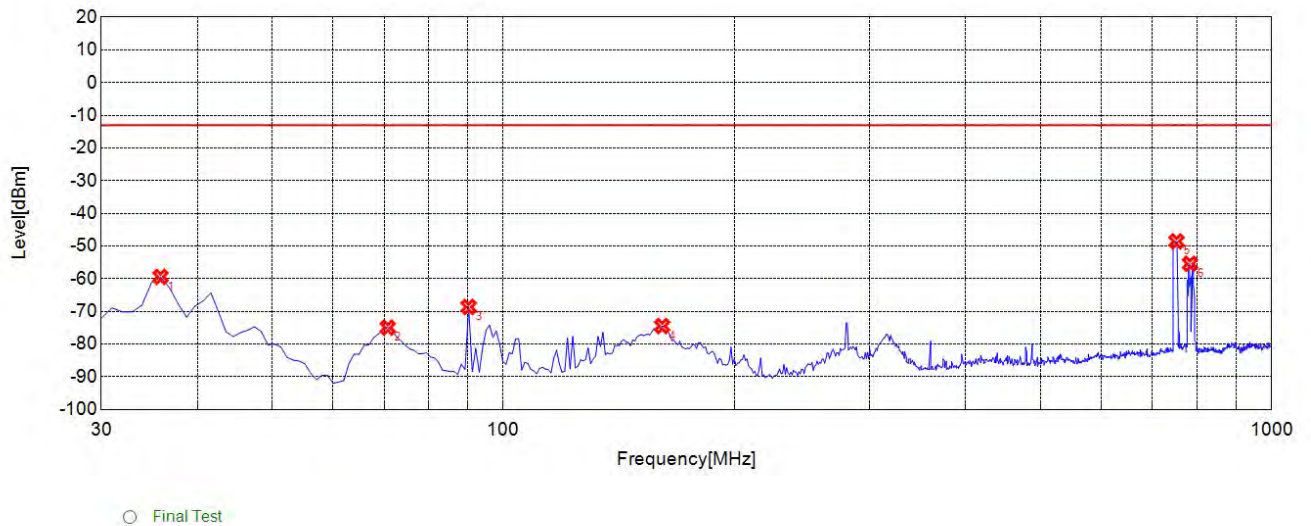
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
2	90.2000	-68.58	-40.00	28.58	-16.50	-38.71	22.21	187	z	Vertical
3	163.0230	-74.69	-40.00	34.69	-17.02	-38.31	21.29	289	z	Vertical
4	279.5400	-72.5	-40.00	32.50	-12.54	-37.04	24.50	266	z	Vertical
5	754.3440	-48.63	-40.00	8.63	-2.48	-34.20	31.72	50	z	N/A
6	783.4730	-53.52	-40.00	13.52	-3.33	-34.23	30.90	293	z	N/A

CA_2A-13A Low 2A 20M 13A 10M QPSK 1RB V

Test Graph

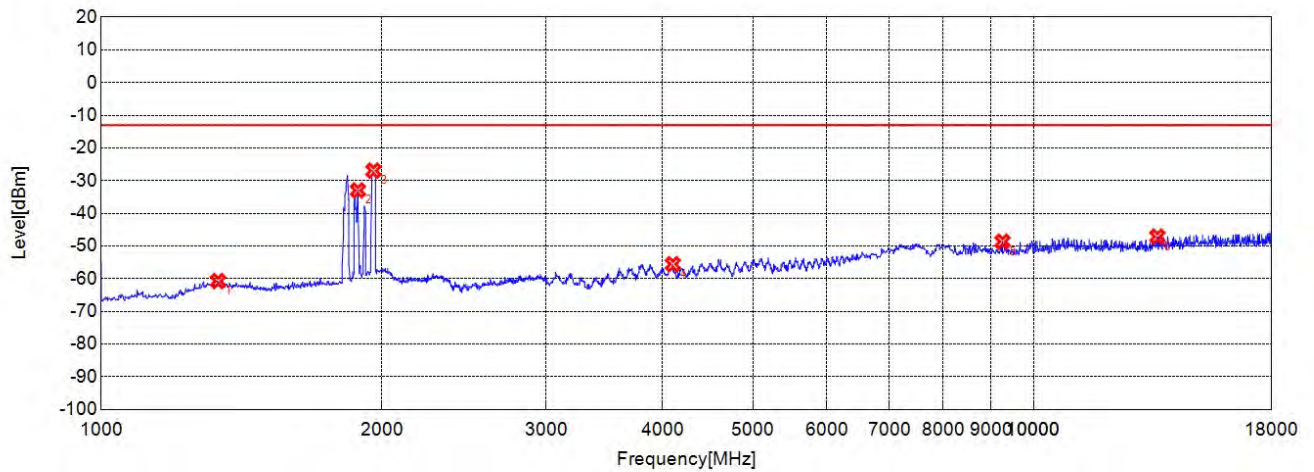


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-59.42	-40.00	19.42	-16.61	-39.57	22.96	155	z	Vertical
2	70.7810	-74.96	-40.00	34.96	-18.39	-39.48	21.09	136	z	Vertical
3	90.2000	-68.65	-40.00	28.65	-16.50	-38.71	22.21	104	z	Vertical
4	161.0810	-74.48	-40.00	34.48	-16.98	-38.36	21.38	165	z	Vertical
5	752.4020	-48.58	-40.00	8.58	-2.55	-34.20	31.65	334	z	N/A
6	783.4730	-55.42	-40.00	15.42	-3.33	-34.23	30.90	19	z	N/A

CA_2A-13A Mid 2A 20M 13A 10M QPSK 1RB V

Test Graph



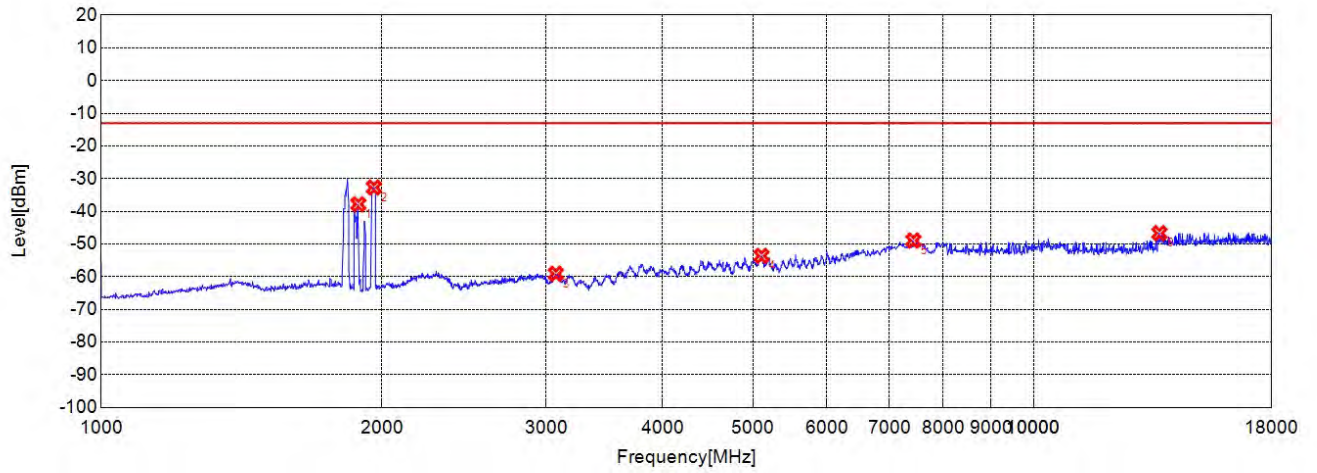
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1334.3340	-60.73	-40.00	20.73	-7.87	-45.28	37.41	267	z	Horizontal
2	1884.8850	-32.98	-40.00	-7.02	-6.48	-46.72	40.24	238	z	N/A
3	1958.9590	-26.94	-40.00	-13.06	-4.94	-46.40	41.46	293	z	N/A
4	4103.6040	-55.56	-40.00	15.56	-6.89	-46.86	39.97	222	z	Horizontal
5	9262.7630	-48.67	-40.00	8.67	9.09	-39.28	48.37	228	z	Horizontal
6	13579.5800	-47.12	-40.00	7.12	18.56	-31.63	50.19	289	z	Horizontal

CA_2A-13A Mid 2A 20M 13A 10M QPSK 1RB 1-18G H

Test Graph



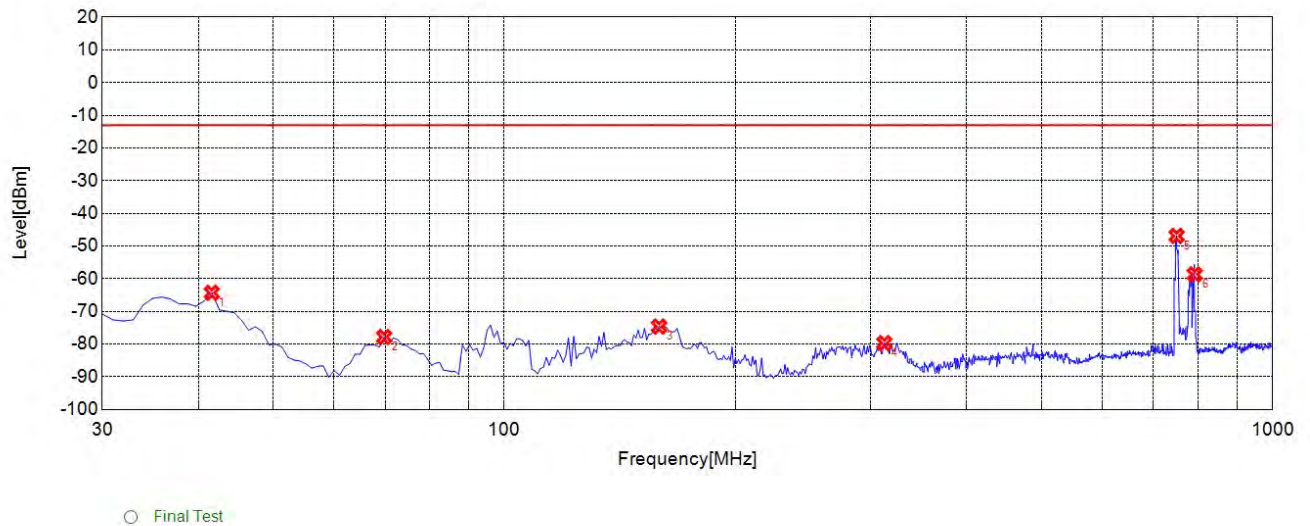
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1886.8870	-37.83	-40.00	-2.17	-11.05	-46.72	35.67	13	z	N/A
2	1960.9610	-32.71	-40.00	-7.29	-10.43	-46.39	35.96	140	z	N/A
3	3073.5740	-59.12	-40.00	19.12	-8.71	-47.27	38.56	261	z	Vertical
4	5109.1090	-53.61	-40.00	13.61	-2.19	-43.84	41.65	346	z	Vertical
5	7432.4320	-48.94	-13.00	35.94	6.53	-38.87	45.40	317	z	Vertical
6	13648.6490	-46.69	-40.00	6.69	19.80	-29.99	49.79	28	z	Vertical

CA_2A-13A Mid 2A 20M 13A 10M QPSK 1RB 1-18G V

Test Graph

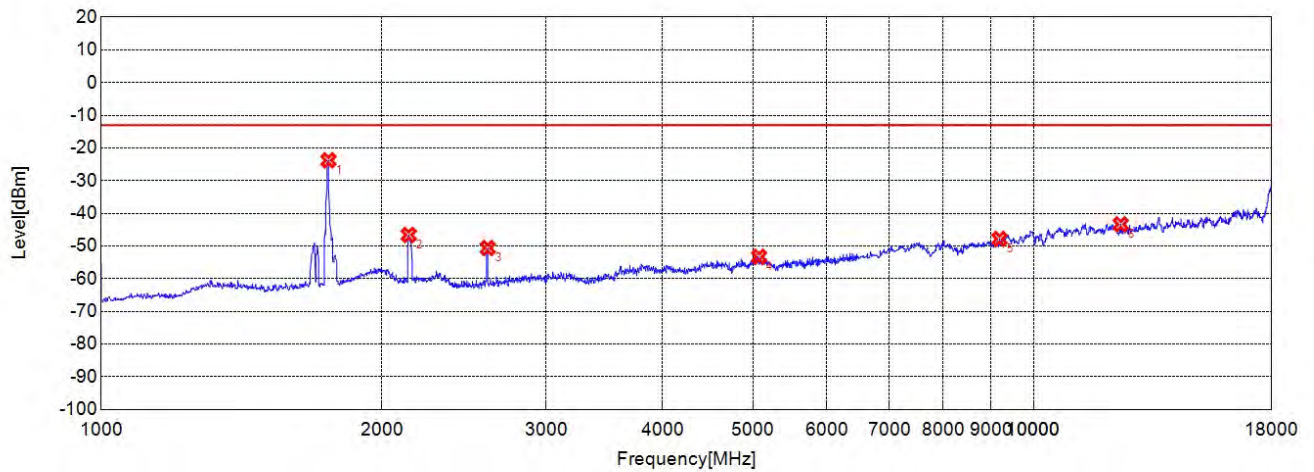


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	41.6520	-64.32	-13.00	51.32	-16.14	-39.53	23.39	159	z	Horizontal
2	69.8100	-77.85	-13.00	64.85	-18.22	-39.51	21.29	69	z	Horizontal
3	159.1390	-74.64	-13.00	61.64	-16.94	-38.41	21.47	219	z	Horizontal
4	312.5530	-79.72	-13.00	66.72	-11.75	-36.97	25.22	271	z	Horizontal
5	750.4600	-46.92	-13.00	33.92	-2.61	-34.20	31.59	161	z	N/A
6	792.2120	-58.71	-13.00	45.71	-3.50	-34.23	30.73	344	z	N/A

CA_2A-13A Mid 2A 20M 13A 10M QPSK 1RB H

Test Graph



○ Final Test

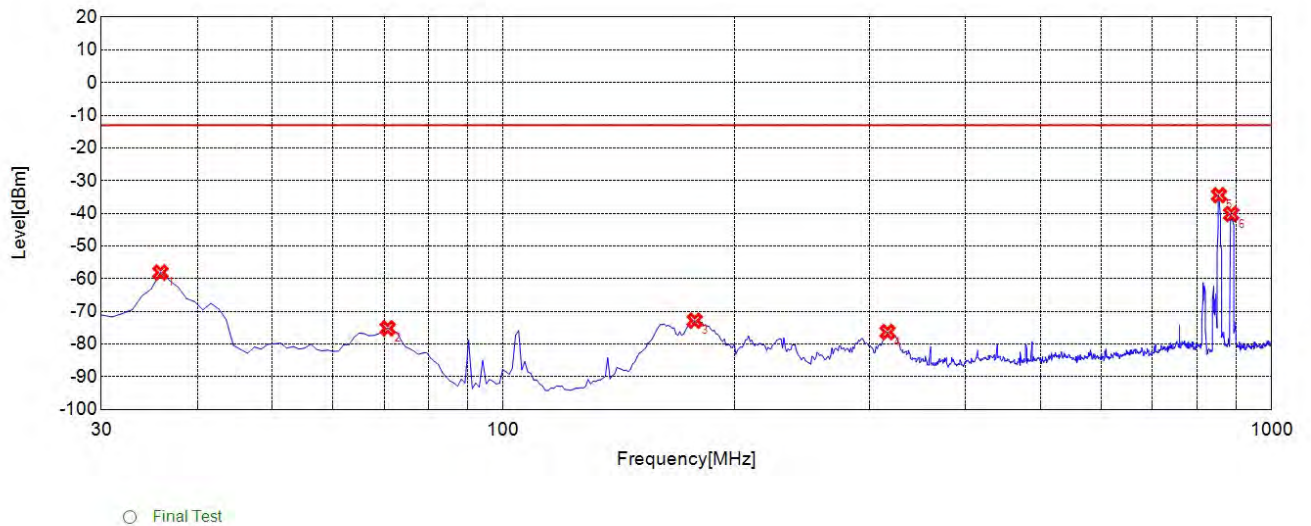
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1752.7530	-23.78	-13.00	10.78	-8.27	-46.26	37.99	77	z	Horizontal
2	2137.1370	-46.61	-13.00	33.61	-7.97	-46.88	38.91	198	z	N/A
3	2597.5980	-50.63	-13.00	37.63	-10.15	-47.07	36.92	354	z	N/A
4	5077.5780	-53.3	-13.00	40.30	-2.34	-43.85	41.51	101	z	Horizontal
5	9193.6940	-47.86	-13.00	34.86	7.74	-40.02	47.76	99	z	Horizontal
6	12405.4050	-43.38	-13.00	30.38	15.22	-33.51	48.73	299	z	Horizontal

CA_4A_5A High 4A 20M 5A 10M QPSK 1RB H 1-18G



Test Graph

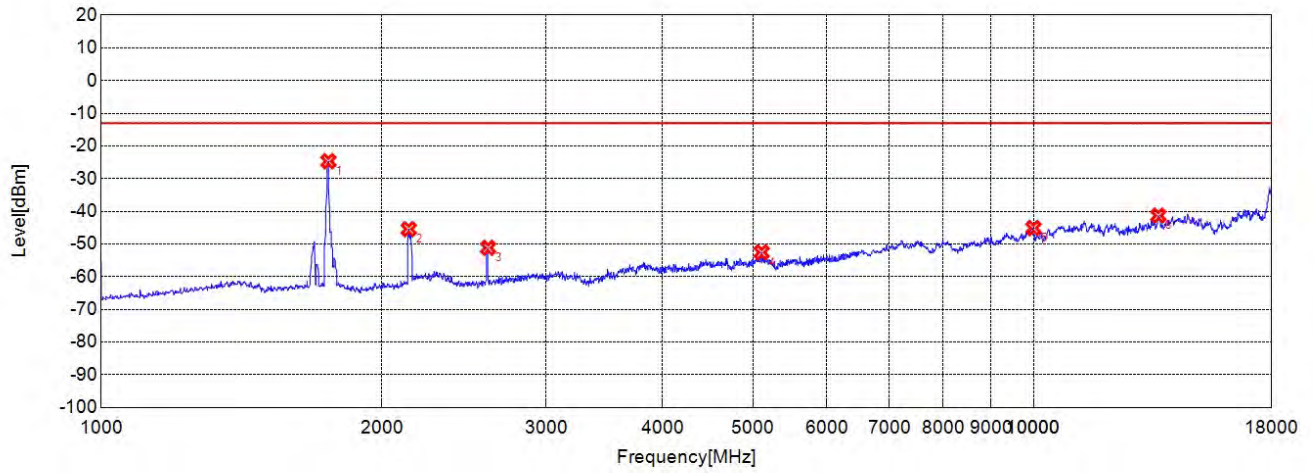


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-58.11	-13.00	45.11	-8.93	-39.57	30.64	202	z	Horizontal
2	70.7810	-75.17	-13.00	62.17	-16.13	-39.48	23.35	14	z	Horizontal
3	177.5880	-72.85	-13.00	59.85	-17.59	-38.11	20.52	117	z	Horizontal
4	316.4360	-76.32	-13.00	63.32	-12.56	-36.99	24.43	309	z	Horizontal
5	854.3540	-34.46	-13.00	21.46	-2.41	-34.08	31.67	197	z	N/A
6	886.3960	-40.23	-13.00	27.23	-2.06	-34.00	31.94	20	z	N/A

CA_4A_5A High 4A 20M 5A 10M QPSK 1RB H

Test Graph



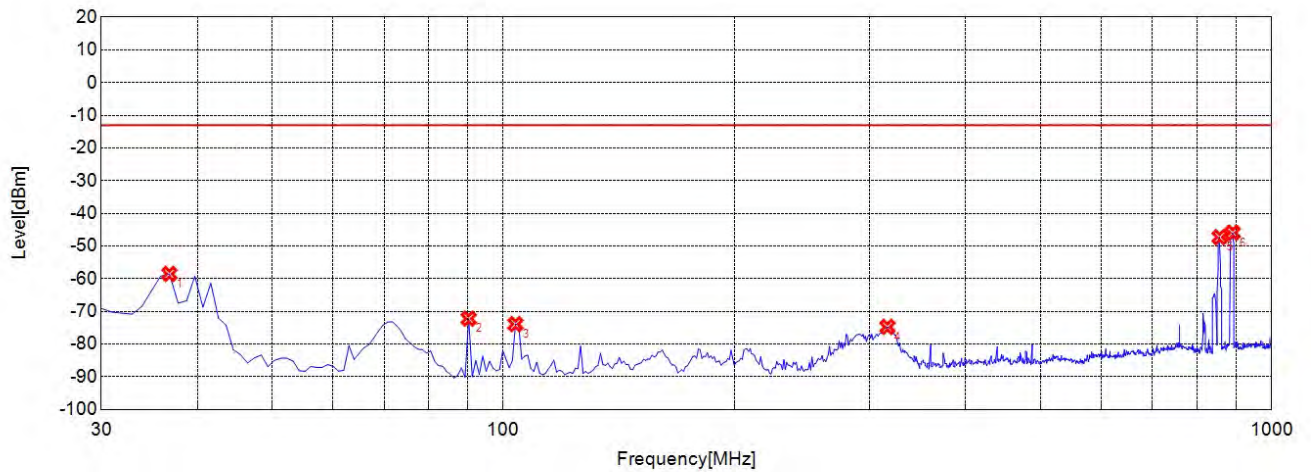
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1752.7530	-24.67	-13.00	11.67	-9.25	-46.26	37.01	23	z	Vertical
2	2137.1370	-45.44	-13.00	32.44	-9.00	-46.88	37.88	314	z	N/A
3	2599.6000	-51.16	-13.00	38.16	-10.24	-47.04	36.80	168	z	N/A
4	5109.1090	-52.55	-13.00	39.55	-2.19	-43.84	41.65	71	z	Vertical
5	9999.4990	-45.11	-13.00	32.11	12.02	-36.45	48.47	36	z	Vertical
6	13614.1140	-41.3	-13.00	28.30	19.00	-30.88	49.88	121	z	Vertical

CA_4A_5A High 4A 20M 5A 10M QPSK 1RB V 1-18G

Test Graph



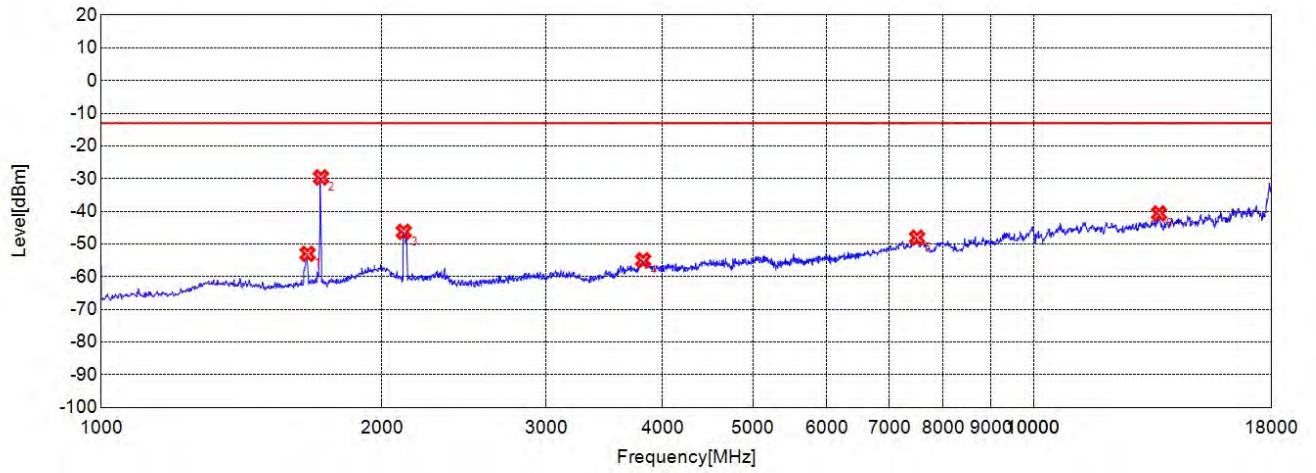
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-58.54	-13.00	45.54	-16.55	-39.57	23.02	230	z	Vertical
2	90.2000	-72.22	-13.00	59.22	-16.50	-38.71	22.21	283	z	Vertical
3	103.7940	-73.91	-13.00	60.91	-13.84	-38.70	24.86	32	z	Vertical
4	316.4360	-74.74	-13.00	61.74	-11.64	-36.99	25.35	215	z	Vertical
5	856.2960	-47.31	-13.00	34.31	-2.88	-34.07	31.19	115	z	N/A
6	890.2800	-45.92	-13.00	32.92	-1.20	-33.99	32.79	42	z	N/A

CA_4A_5A High 4A 20M 5A 10M QPSK 1RB V

Test Graph



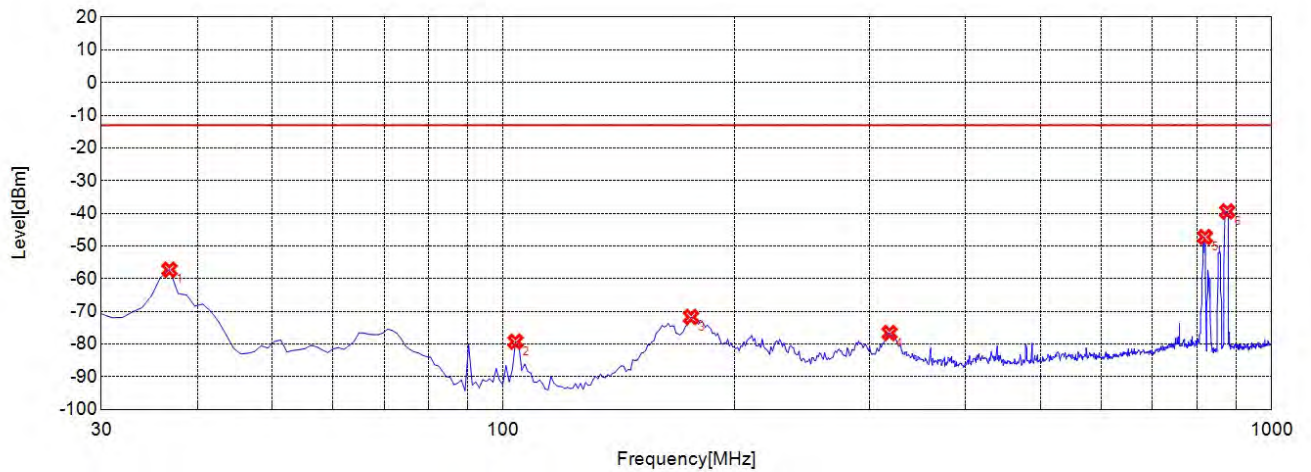
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1664.6650	-52.98	-13.00	39.98	-8.81	-46.28	37.47	93	z	Horizontal
2	1720.7210	-29.63	-13.00	16.63	-8.37	-46.32	37.95	96	z	N/A
3	2111.1110	-46.25	-13.00	33.25	-8.38	-47.20	38.82	255	z	N/A
4	3812.8130	-54.99	-13.00	41.99	-6.72	-46.24	39.52	327	z	Horizontal
5	7501.5020	-48.06	-13.00	35.06	8.10	-38.09	46.19	59	z	Horizontal
6	13637.1370	-40.65	-13.00	27.65	19.78	-30.29	50.07	107	z	Horizontal

CA_4A_5A Low 4A 20M 5A 10M QPSK 1RB H 1-18G

Test Graph



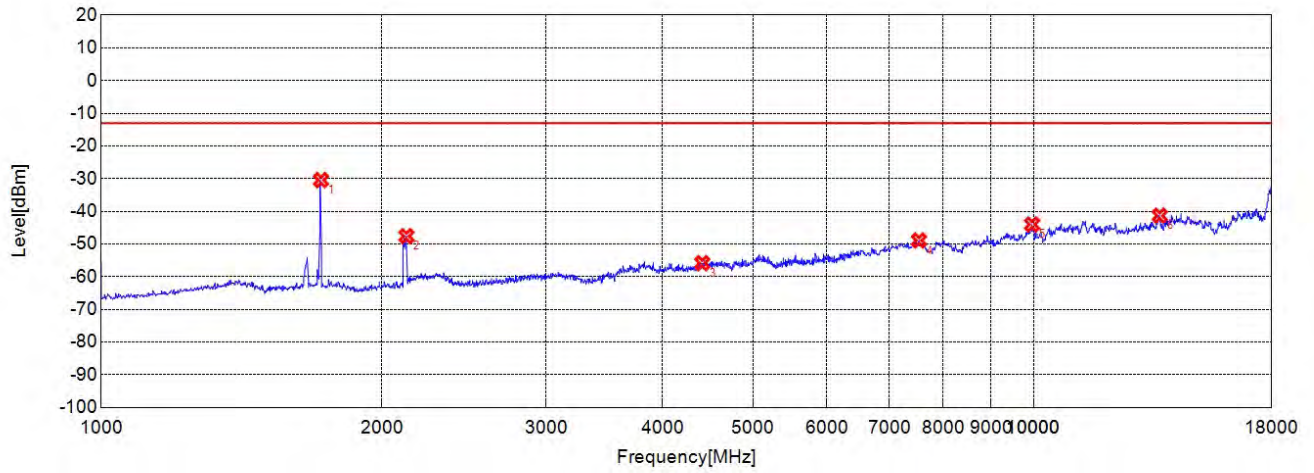
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-57.25	-13.00	44.25	-8.51	-39.57	31.06	72	z	Horizontal
2	103.7940	-79.26	-13.00	66.26	-17.50	-38.70	21.20	190	z	Horizontal
3	175.6460	-71.73	-13.00	58.73	-17.81	-38.11	20.30	333	z	Horizontal
4	318.3780	-76.62	-13.00	63.62	-12.58	-36.99	24.41	178	z	Horizontal
5	819.3990	-47.26	-13.00	34.26	-3.18	-34.18	31.00	317	z	N/A
6	875.7160	-39.44	-13.00	26.44	-2.17	-34.03	31.86	124	z	N/A

CA_4A_5A Low 4A 20M 5A 10M QPSK 1RB H

Test Graph



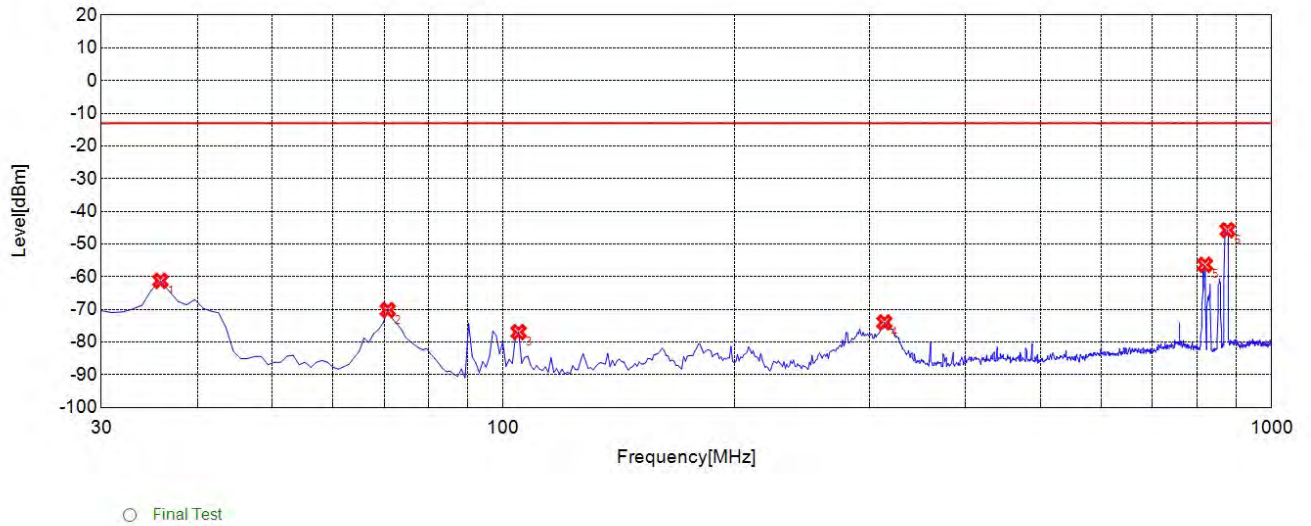
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1720.7210	-30.46	-13.00	17.46	-9.35	-46.32	36.97	131	z	Vertical
2	2125.1250	-47.6	-13.00	34.60	-9.46	-47.03	37.57	227	z	N/A
3	4411.9120	-55.85	-13.00	42.85	-5.69	-45.79	40.10	138	z	N/A
4	7536.0360	-48.91	-13.00	35.91	7.18	-38.39	45.57	357	z	Vertical
5	9964.9650	-44.01	-13.00	31.01	11.58	-36.91	48.49	80	z	Vertical
6	13660.1600	-41.35	-13.00	28.35	19.41	-30.35	49.76	237	z	Vertical

CA_4A_5A Low 4A 20M 5A 10M QPSK 1RB V 1-18G

Test Graph

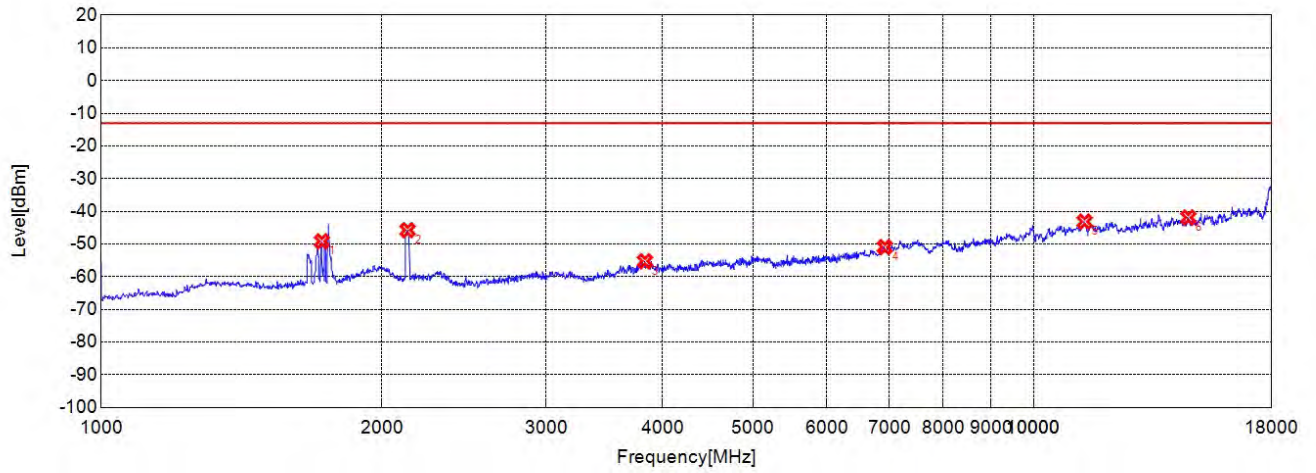


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-61.25	-13.00	48.25	-16.61	-39.57	22.96	151	z	Vertical
2	70.7810	-70.21	-13.00	57.21	-18.39	-39.48	21.09	178	z	Vertical
3	104.7650	-76.94	-13.00	63.94	-14.20	-38.70	24.50	157	z	Vertical
4	313.5240	-73.97	-13.00	60.97	-11.71	-36.97	25.26	114	z	Vertical
5	819.3990	-56.35	-13.00	43.35	-3.03	-34.18	31.15	219	z	N/A
6	876.6870	-45.75	-13.00	32.75	-1.81	-34.03	32.22	99	z	N/A

CA_4A_5A Low 4A 20M 5A 10M QPSK 1RB V

Test Graph



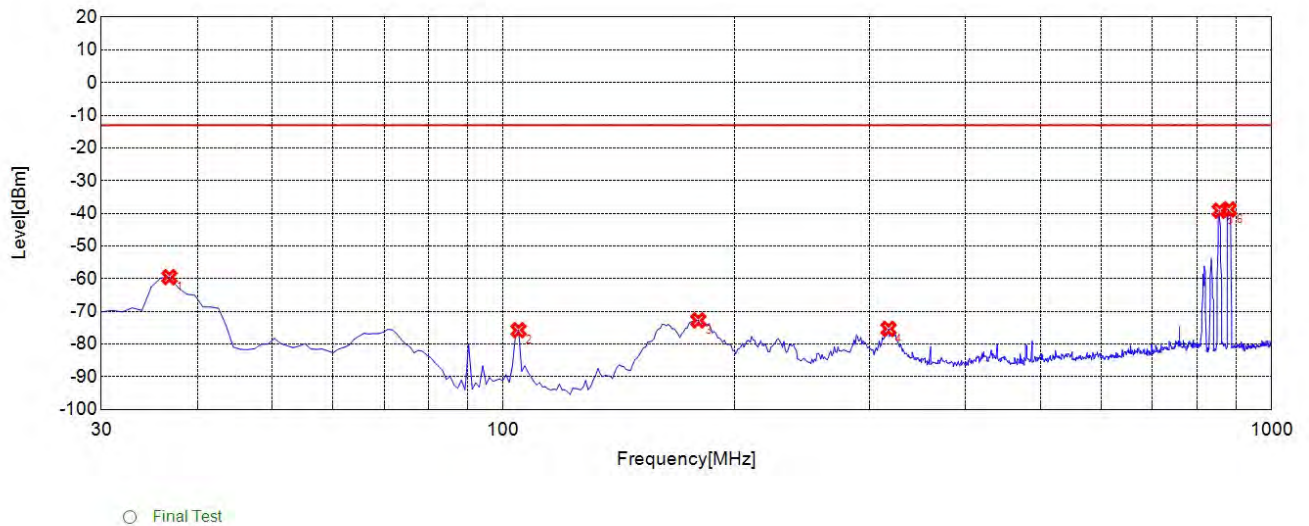
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1724.7250	-49.19	-13.00	36.19	-8.36	-46.31	37.95	184	z	N/A
2	2131.1310	-45.76	-13.00	32.76	-8.06	-46.95	38.89	174	z	N/A
3	3830.3300	-55.28	-13.00	42.28	-7.07	-46.65	39.58	358	z	Horizontal
4	6925.9260	-50.97	-13.00	37.97	3.17	-40.43	43.60	326	z	Horizontal
5	11346.3460	-43.16	-13.00	30.16	13.58	-35.59	49.17	5	z	Horizontal
6	14661.6620	-41.89	-13.00	28.89	18.69	-31.08	49.77	79	z	Horizontal

CA_4A_5A Mid 4A 20M 5A 10M QPSK 1RB H 1-18G

Test Graph



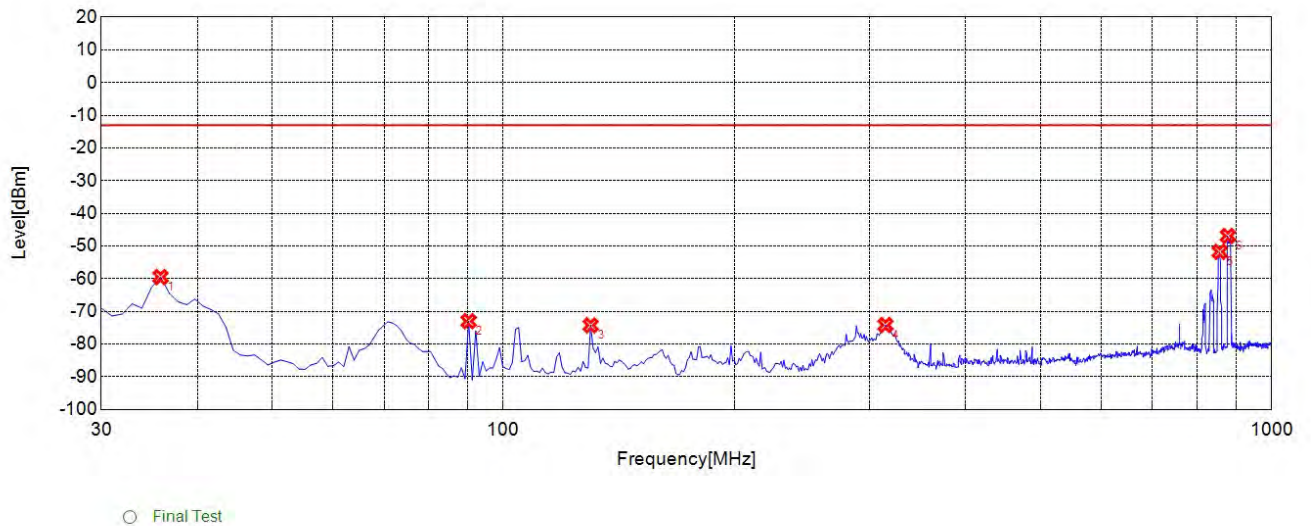
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-59.52	-13.00	46.52	-8.51	-39.57	31.06	35	z	Horizontal
2	104.7650	-75.76	-13.00	62.76	-17.53	-38.70	21.17	352	z	Horizontal
3	179.5300	-72.77	-13.00	59.77	-17.37	-38.11	20.74	173	z	Horizontal
4	317.4070	-75.35	-13.00	62.35	-12.57	-36.99	24.42	193	z	Horizontal
5	856.2960	-39.17	-13.00	26.17	-2.37	-34.07	31.70	40	z	N/A
6	880.5710	-38.81	-13.00	25.81	-2.15	-34.02	31.87	233	z	N/A

CA_4A_5A Mid 4A 20M 5A 10M QPSK 1RB H



Test Graph

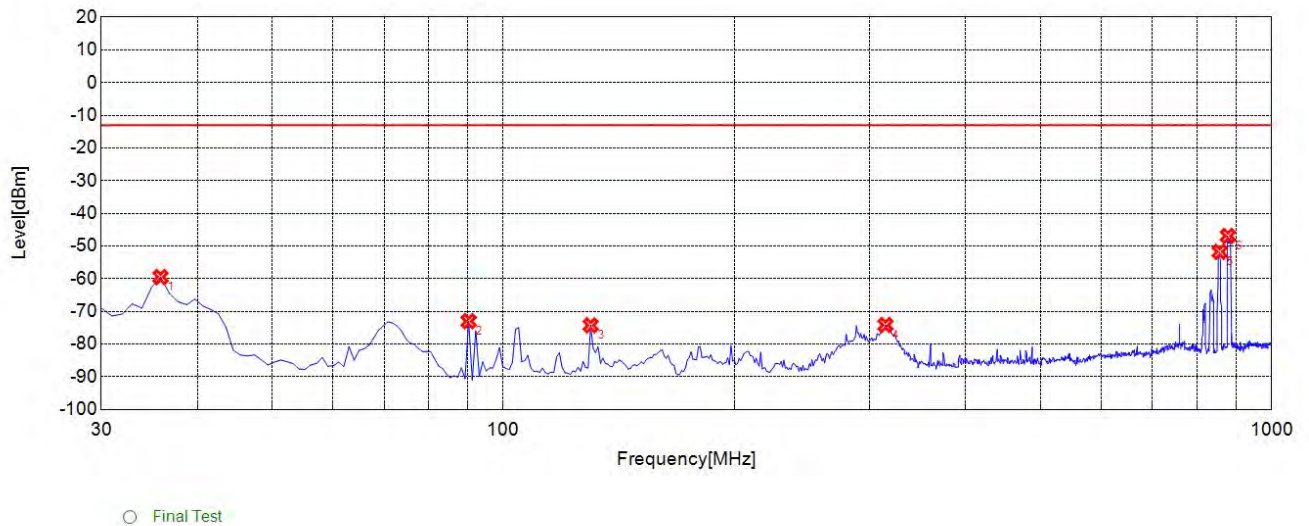


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-59.49	-13.00	46.49	-16.61	-39.57	22.96	199	z	Vertical
2	90.2000	-73.01	-13.00	60.01	-16.50	-38.71	22.21	236	z	Vertical
3	130.0100	-74.28	-13.00	61.28	-16.91	-38.50	21.59	31	z	Vertical
4	314.4940	-74.17	-13.00	61.17	-11.69	-36.98	25.29	5	z	Vertical
5	856.2960	-51.77	-13.00	38.77	-2.88	-34.07	31.19	270	z	N/A
6	877.6580	-46.91	-13.00	33.91	-1.73	-34.02	32.29	252	z	N/A

CA_4A_5A Mid 4A 20M 5A 10M QPSK 1RB V 1-18G

Test Graph

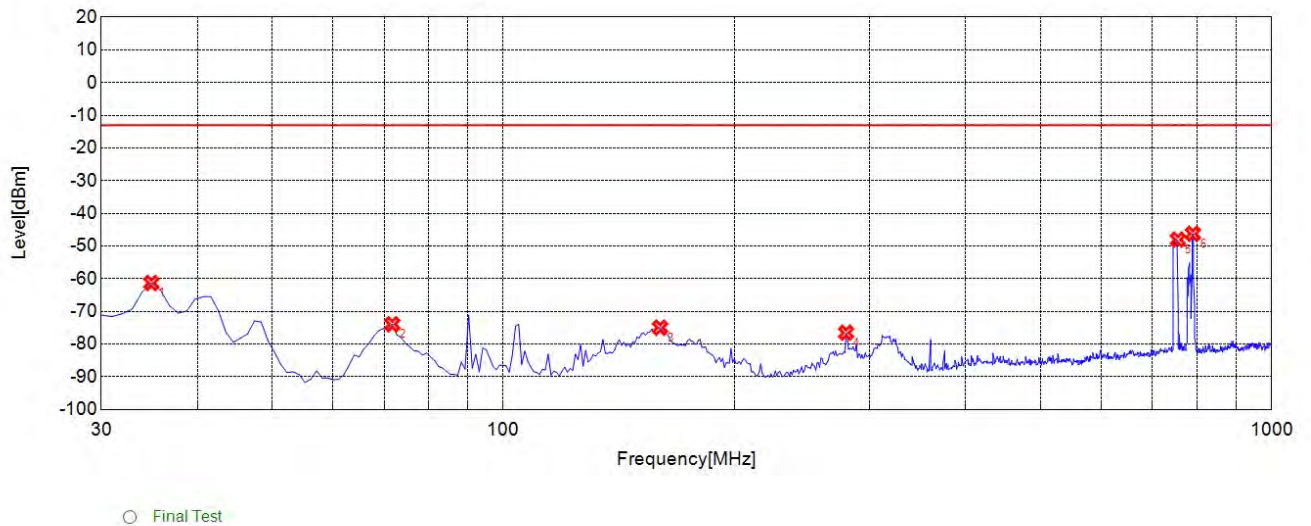


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-59.49	-13.00	46.49	-16.61	-39.57	22.96	98	z	Vertical
2	90.2000	-73.01	-13.00	60.01	-16.50	-38.71	22.21	236	z	Vertical
3	130.0100	-74.28	-13.00	61.28	-16.91	-38.50	21.59	202	z	Vertical
4	314.4940	-74.17	-13.00	61.17	-11.69	-36.98	25.29	133	z	Vertical
5	856.2960	-51.77	-13.00	38.77	-2.88	-34.07	31.19	212	z	N/A
6	877.6580	-46.91	-13.00	33.91	-1.73	-34.02	32.29	242	z	N/A

CA_4A_5A Mid 4A 20M 5A 10M QPSK 1RB V

Test Graph

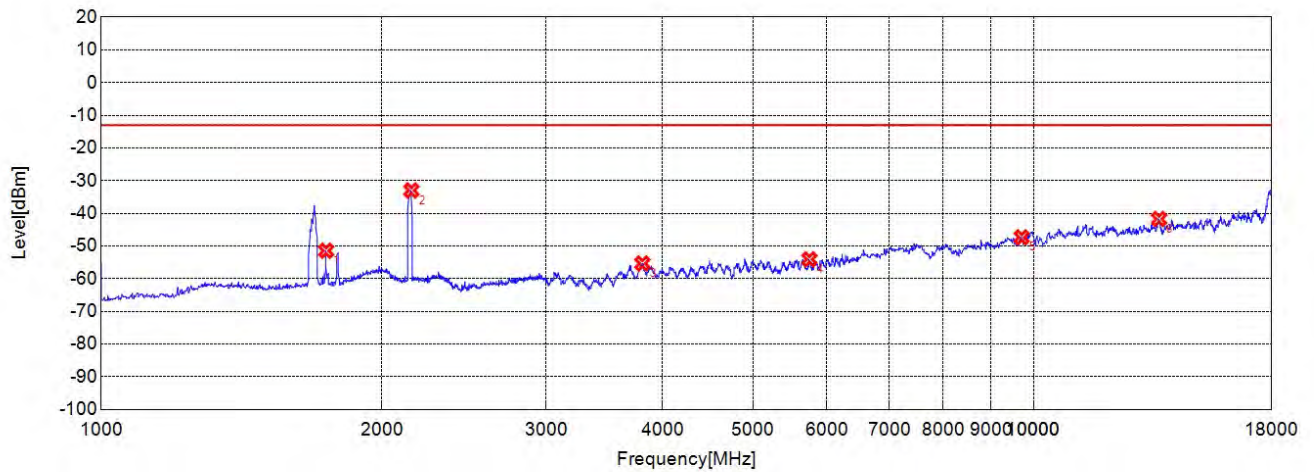


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	34.8550	-61.32	-13.00	48.32	-16.68	-39.58	22.90	109	z	Vertical
2	71.7520	-73.95	-13.00	60.95	-18.59	-39.44	20.85	329	z	Vertical
3	160.1100	-74.99	-13.00	61.99	-16.96	-38.39	21.43	345	z	Vertical
4	279.5400	-76.53	-13.00	63.53	-12.54	-37.04	24.50	10	z	Vertical
5	755.3150	-48.05	-13.00	35.05	-2.44	-34.20	31.76	337	z	N/A
6	790.2700	-46.26	-13.00	33.26	-3.47	-34.23	30.76	351	z	N/A

CA_4A_13A High 4A 20M 13A 10M QPSK 1RB V

Test Graph



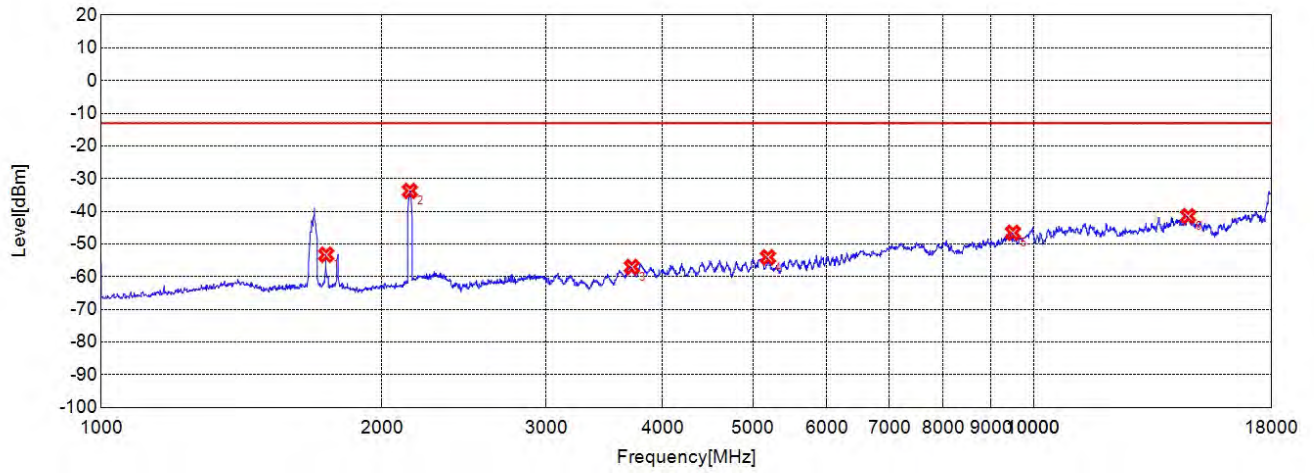
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1742.7430	-51.45	-13.00	38.45	-8.29	-46.27	37.98	249	z	N/A
2	2151.1510	-33.01	-13.00	20.01	-7.77	-46.72	38.95	339	z	N/A
3	3805.8060	-55.33	-13.00	42.33	-6.58	-46.08	39.50	263	z	Horizontal
4	5750.2500	-54.08	-13.00	41.08	-1.63	-42.75	41.12	138	z	Horizontal
5	9711.7120	-47.37	-13.00	34.37	10.50	-38.22	48.72	69	z	Horizontal
6	13637.1370	-41.73	-13.00	28.73	19.78	-30.29	50.07	150	z	Horizontal

CA_4A_13A High 4A 20M 13A 10M QPSK 1RB 1-18G H

Test Graph



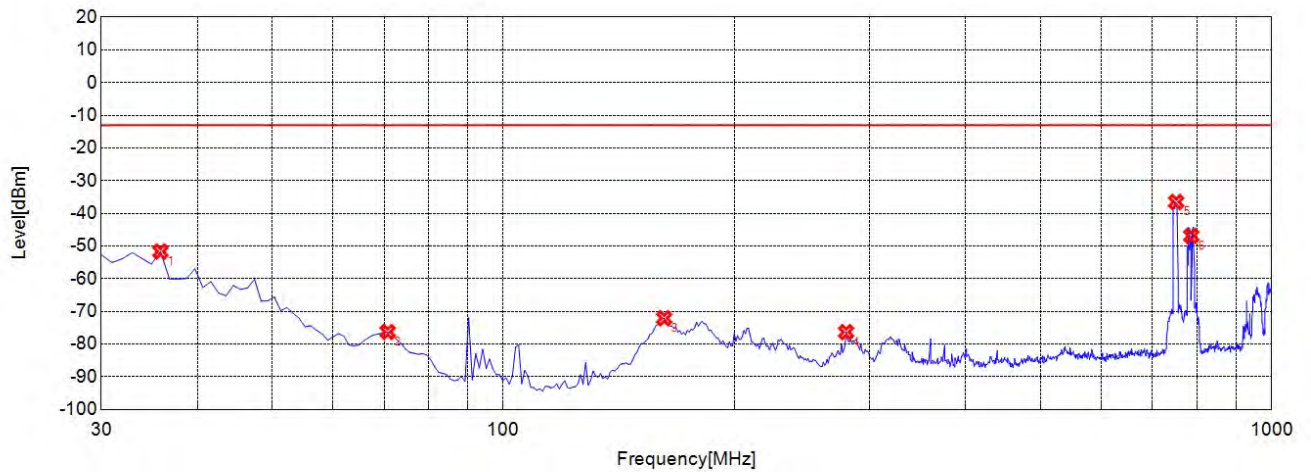
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1742.7430	-53.28	-13.00	40.28	-9.27	-46.27	37.00	43	z	N/A
2	2143.1430	-33.75	-13.00	20.75	-8.77	-46.81	38.04	194	z	N/A
3	3707.7080	-57.03	-13.00	44.03	-7.69	-46.76	39.07	127	z	Vertical
4	5189.6900	-54.07	-13.00	41.07	-2.35	-43.29	40.94	314	z	Vertical
5	9504.5050	-46.56	-13.00	33.56	8.85	-39.56	48.41	26	z	Vertical
6	14650.1500	-41.48	-13.00	28.48	19.45	-30.97	50.42	177	z	Vertical

CA_4A_13A High 4A 20M 13A 10M QPSK 1RB 1-18G V

Test Graph



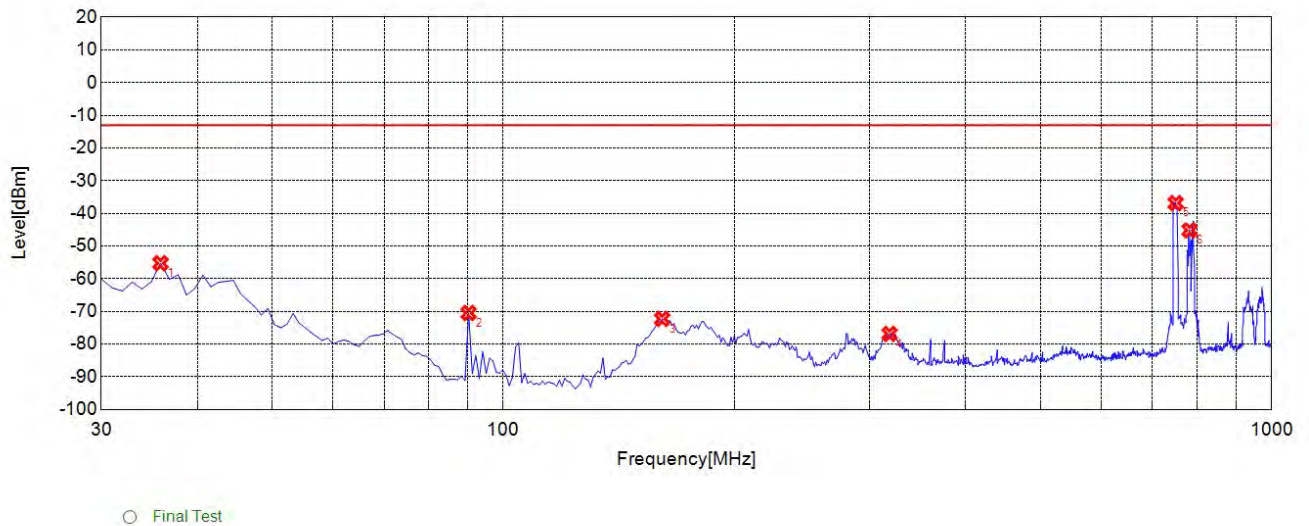
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-51.69	-13.00	38.69	-8.93	-39.57	30.64	265	z	Horizontal
2	70.7810	-76.27	-13.00	63.27	-16.13	-39.48	23.35	324	z	Horizontal
3	162.0520	-72.1	-13.00	59.10	-19.39	-38.33	18.94	58	z	Horizontal
4	279.5400	-76.34	-13.00	63.34	-12.04	-37.04	25.00	110	z	Horizontal
5	751.4310	-36.51	-13.00	23.51	-2.93	-34.20	31.27	95	z	N/A
6	786.3860	-46.89	-13.00	33.89	-3.23	-34.23	31.00	27	z	N/A

CA_4A_13A High 4A 20M 13A 10M QPSK 1RB H

Test Graph

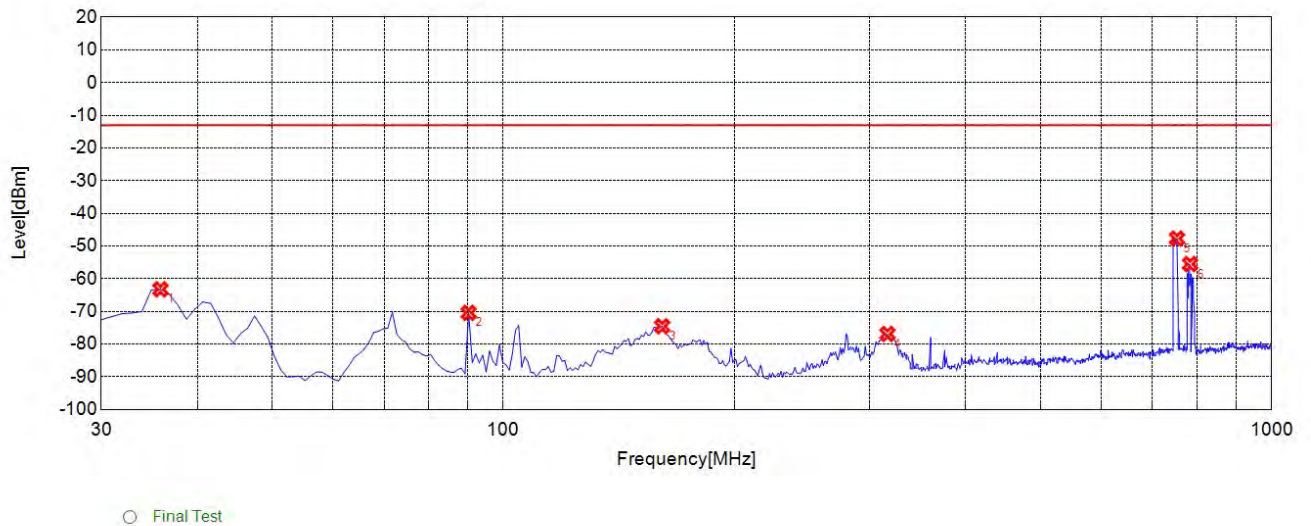


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-55.26	-13.00	42.26	-8.93	-39.57	30.64	41	z	Horizontal
2	90.2000	-70.49	-13.00	57.49	-18.92	-38.71	19.79	144	z	Horizontal
3	161.0810	-72.31	-13.00	59.31	-19.50	-38.36	18.86	253	z	Horizontal
4	318.3780	-76.9	-13.00	63.90	-12.58	-36.99	24.41	94	z	Horizontal
5	750.4600	-36.86	-13.00	23.86	-2.99	-34.20	31.21	75	z	N/A
6	782.5030	-45.19	-13.00	32.19	-3.20	-34.23	31.03	251	z	N/A

CA_4A_13A Low 4A 20M 13A 10M QPSK 1RB H

Test Graph

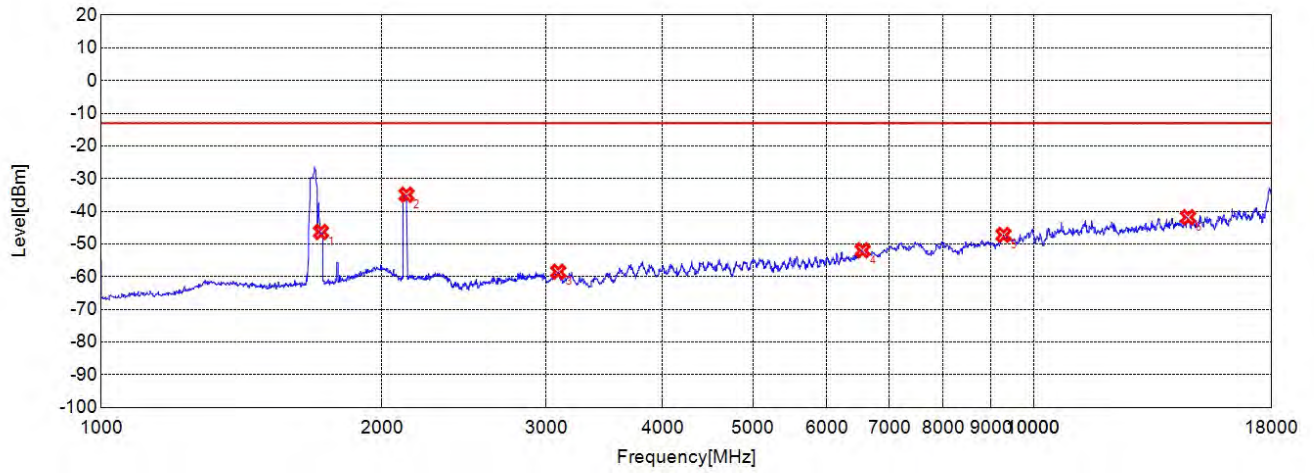


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-63.28	-13.00	50.28	-16.61	-39.57	22.96	39	z	Vertical
2	90.2000	-70.46	-13.00	57.46	-16.50	-38.71	22.21	271	z	Vertical
3	161.0810	-74.57	-13.00	61.57	-16.98	-38.36	21.38	141	z	Vertical
4	316.4360	-76.9	-13.00	63.90	-11.64	-36.99	25.35	7	z	Vertical
5	753.3730	-47.72	-13.00	34.72	-2.51	-34.20	31.69	56	z	N/A
6	783.4730	-55.51	-13.00	42.51	-3.33	-34.23	30.90	90	z	N/A

CA_4A_13A Low 4A 20M 13A 10M QPSK 1RB V

Test Graph



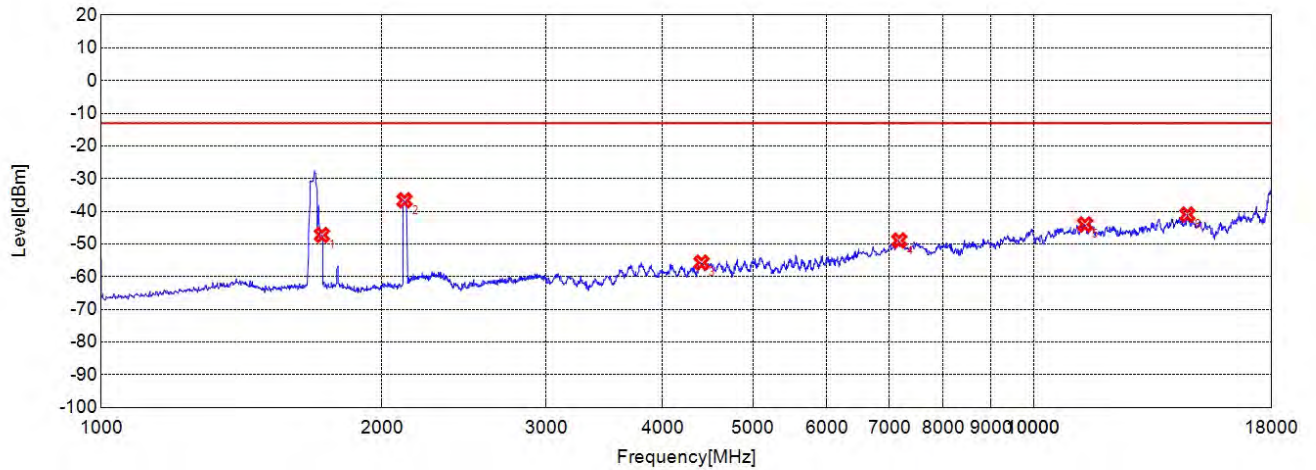
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1720.7210	-46.31	-13.00	33.31	-8.37	-46.32	37.95	122	z	N/A
2	2125.1250	-34.94	-13.00	21.94	-8.16	-47.03	38.87	178	z	N/A
3	3091.0910	-58.48	-13.00	45.48	-8.20	-47.14	38.94	120	z	Horizontal
4	6557.5580	-51.95	-13.00	38.95	1.37	-41.89	43.26	359	z	Horizontal
5	9285.7860	-47.22	-13.00	34.22	9.16	-39.42	48.58	308	z	Horizontal
6	14650.1500	-41.81	-13.00	28.81	18.78	-30.97	49.75	356	z	Horizontal

CA_4A_13A Low 4A 20M 13A 10M QPSK 1RB 1-18G H

Test Graph



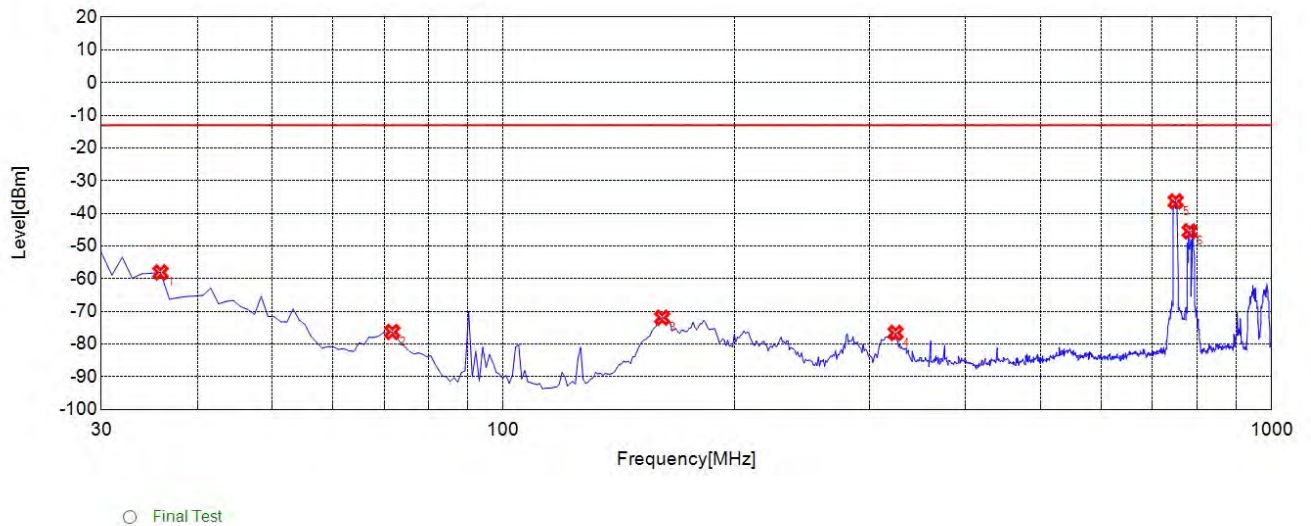
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1724.7250	-47.26	-13.00	34.26	-9.34	-46.31	36.97	297	z	N/A
2	2115.1150	-36.64	-13.00	23.64	-9.85	-47.15	37.30	208	z	N/A
3	4404.9050	-55.71	-13.00	42.71	-5.71	-45.81	40.10	115	z	Vertical
4	7179.1790	-48.92	-13.00	35.92	6.05	-39.34	45.39	52	z	Vertical
5	11357.8580	-44.03	-13.00	31.03	13.53	-35.62	49.15	49	z	Vertical
6	14627.1270	-40.99	-13.00	27.99	19.02	-31.30	50.32	214	z	Vertical

CA_4A_13A Low 4A 20M 13A 10M QPSK 1RB 1-18G V

Test Graph

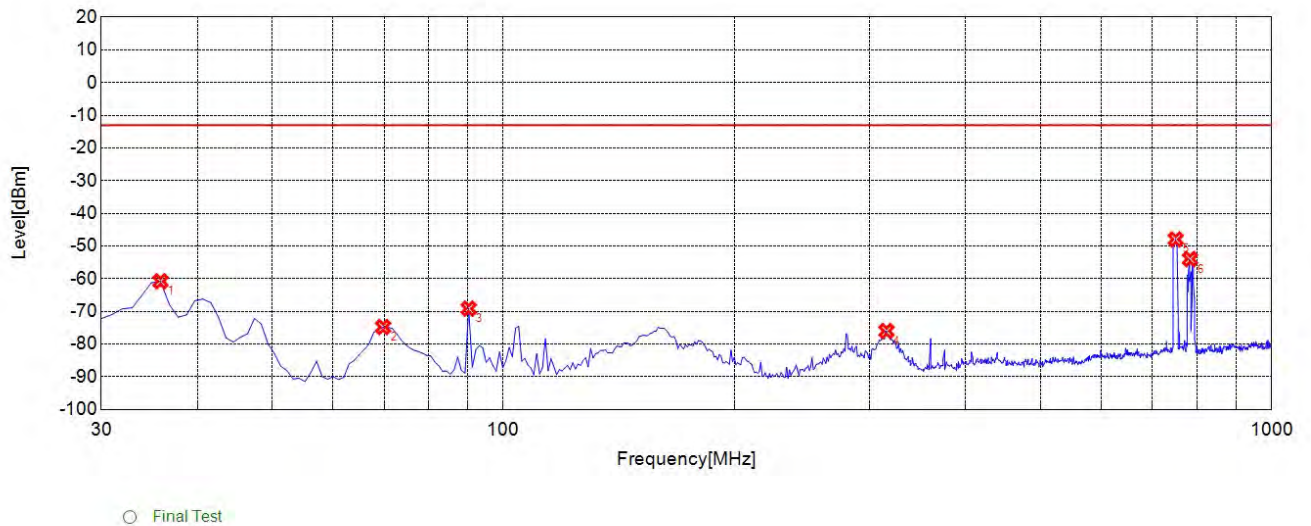


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-58.08	-13.00	45.08	-8.93	-39.57	30.64	249	z	Horizontal
2	71.7520	-76.29	-13.00	63.29	-16.37	-39.44	23.07	203	z	Horizontal
3	161.0810	-71.95	-13.00	58.95	-19.50	-38.36	18.86	354	z	Horizontal
4	324.2040	-76.6	-13.00	63.60	-12.51	-37.02	24.51	86	z	Horizontal
5	750.4600	-36.35	-13.00	23.35	-2.99	-34.20	31.21	34	z	N/A
6	782.5030	-45.52	-13.00	32.52	-3.20	-34.23	31.03	302	z	N/A

CA_4A_13A Mid 4A 20M 13A 10M QPSK 1RB H

Test Graph

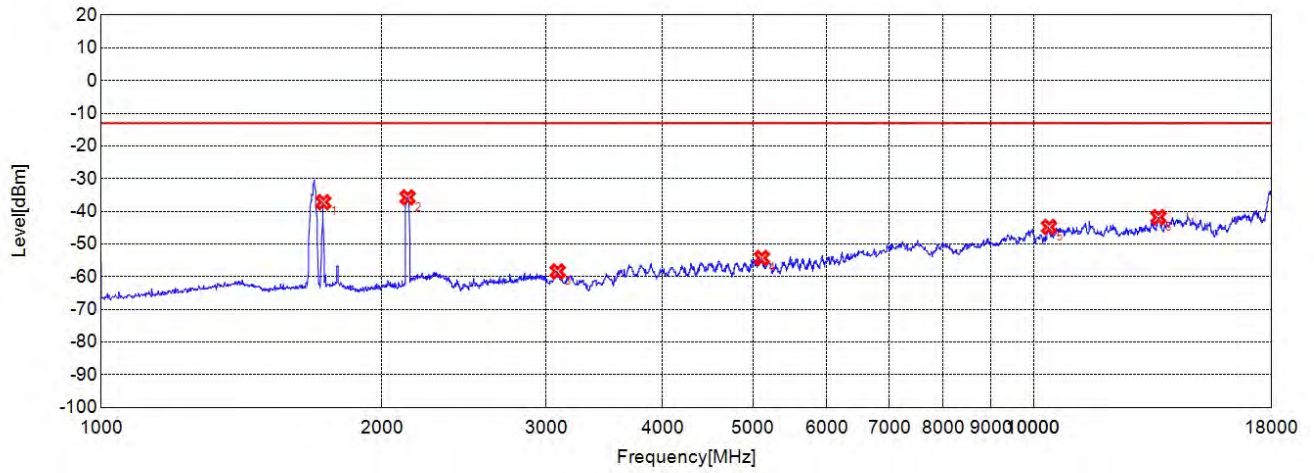


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-60.82	-13.00	47.82	-16.61	-39.57	22.96	1	z	Vertical
2	69.8100	-74.8	-13.00	61.80	-18.22	-39.51	21.29	248	z	Vertical
3	90.2000	-69.16	-13.00	56.16	-16.50	-38.71	22.21	181	z	Vertical
4	315.4650	-76.03	-13.00	63.03	-11.66	-36.98	25.32	151	z	Vertical
5	750.4600	-47.97	-13.00	34.97	-2.61	-34.20	31.59	145	z	N/A
6	783.4730	-53.99	-13.00	40.99	-3.33	-34.23	30.90	353	z	N/A

CA_4A_13A Mid 4A 20M 13A 10M QPSK 1RB V

Test Graph



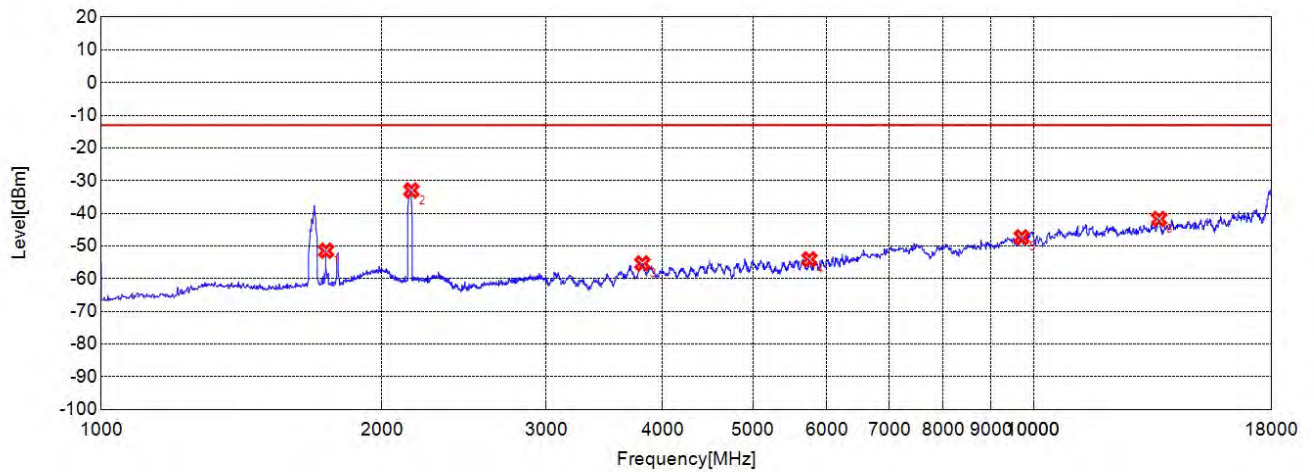
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1730.7310	-37.19	-13.00	24.19	-9.32	-46.30	36.98	120	z	Vertical
2	2131.1310	-35.76	-13.00	22.76	-9.23	-46.95	37.72	52	z	Vertical
3	3087.5880	-58.39	-13.00	45.39	-8.60	-47.17	38.57	85	z	Vertical
4	5112.6130	-54.27	-13.00	41.27	-2.21	-43.83	41.62	347	z	Vertical
5	10390.8910	-44.78	-13.00	31.78	12.81	-36.73	49.54	341	z	N/A
6	13614.1140	-41.78	-13.00	28.78	19.00	-30.88	49.88	150	z	N/A

CA_4A_13A Mid 4A 20M 13A 10M QPSK 1RB 1-18G H

Test Graph



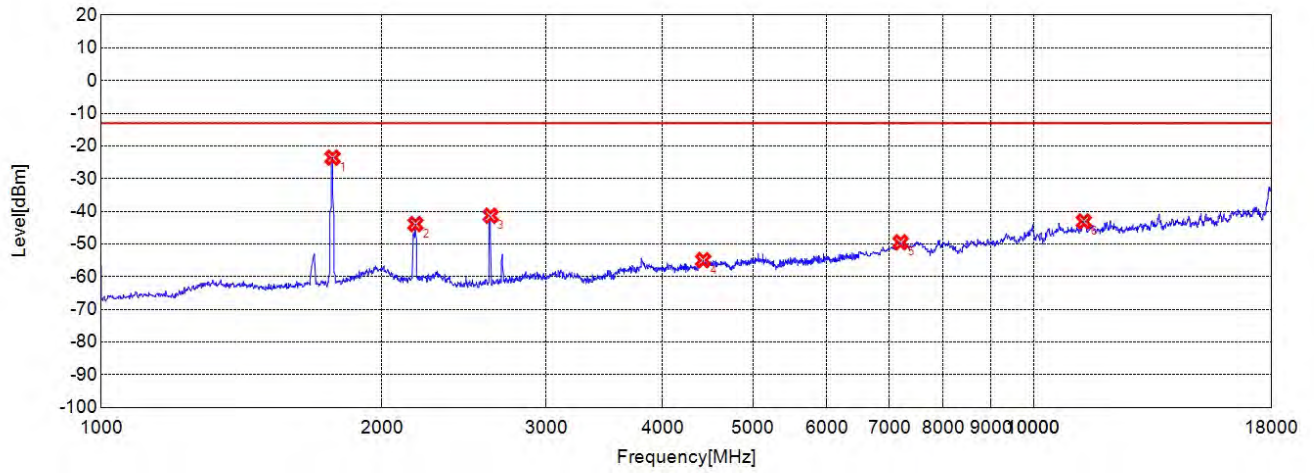
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1742.7430	-51.45	-13.00	38.45	-8.29	-46.27	37.98	175	z	N/A
2	2151.1510	-33.01	-13.00	20.01	-7.77	-46.72	38.95	53	z	N/A
3	3805.8060	-55.33	-13.00	42.33	-6.58	-46.08	39.50	200	z	Horizontal
4	5750.2500	-54.08	-13.00	41.08	-1.63	-42.75	41.12	297	z	Horizontal
5	9711.7120	-47.37	-13.00	34.37	10.50	-38.22	48.72	294	z	Horizontal
6	13637.1370	-41.73	-13.00	28.73	19.78	-30.29	50.07	141	z	Horizontal

CA_4A_13A Mid 4A 20M 13A 10M QPSK 1RB 1-18G V

Test Graph



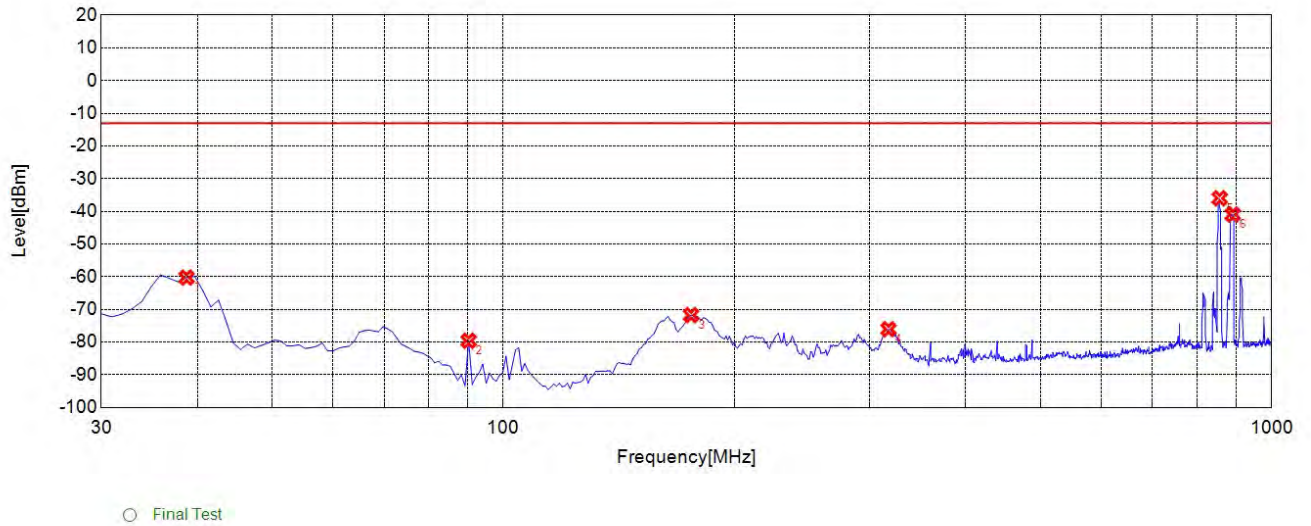
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1770.7710	-23.58	-13.00	10.58	-8.27	-46.29	38.02	179	z	N/A
2	2173.1730	-43.91	-13.00	30.91	-7.79	-46.81	39.02	64	z	N/A
3	2615.6160	-41.35	-13.00	28.35	-10.13	-47.12	36.99	137	z	Horizontal
4	4422.4220	-54.95	-13.00	41.95	-5.56	-45.75	40.19	293	z	Horizontal
5	7202.2020	-49.48	-13.00	36.48	6.00	-39.23	45.23	119	z	Horizontal
6	11323.3230	-43.1	-13.00	30.10	13.20	-35.85	49.05	91	z	Horizontal

CA_5A-66A High 5A 10M 66A 20M QPSK 1RB H 1-18G

Test Graph

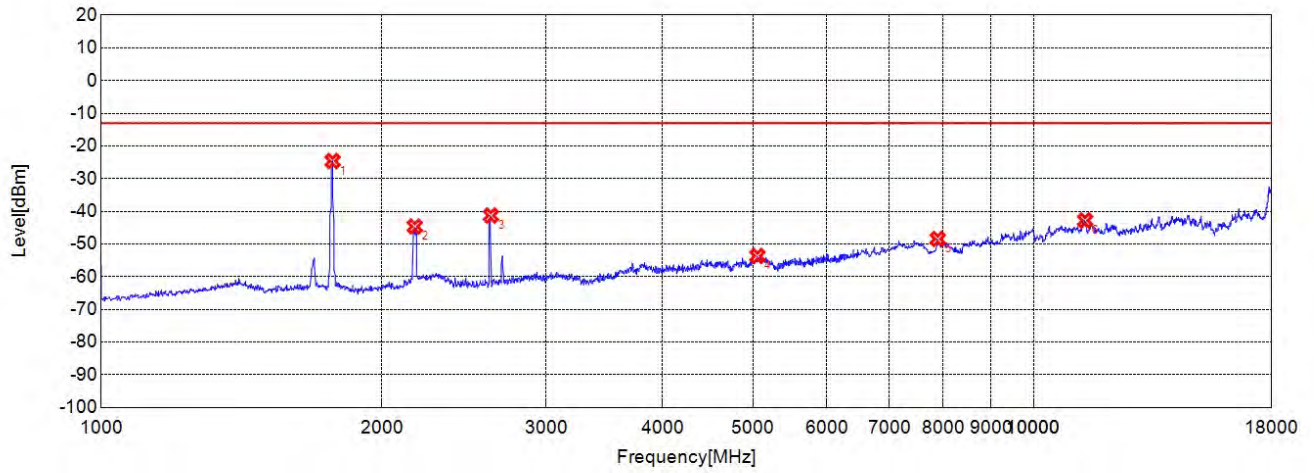


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	38.7390	-60.27	-13.00	47.27	-7.63	-39.55	31.92	271	z	Horizontal
2	90.2000	-79.62	-13.00	66.62	-18.92	-38.71	19.79	50	z	Horizontal
3	175.6460	-71.76	-13.00	58.76	-17.81	-38.11	20.30	255	z	Horizontal
4	317.4070	-76.08	-13.00	63.08	-12.57	-36.99	24.42	140	z	Horizontal
5	856.2960	-36.01	-13.00	23.01	-2.37	-34.07	31.70	43	z	N/A
6	890.2800	-40.97	-13.00	27.97	-2.01	-33.99	31.98	236	z	N/A

CA_5A-66A High 5A 10M 66A 20M QPSK 1RB H

Test Graph



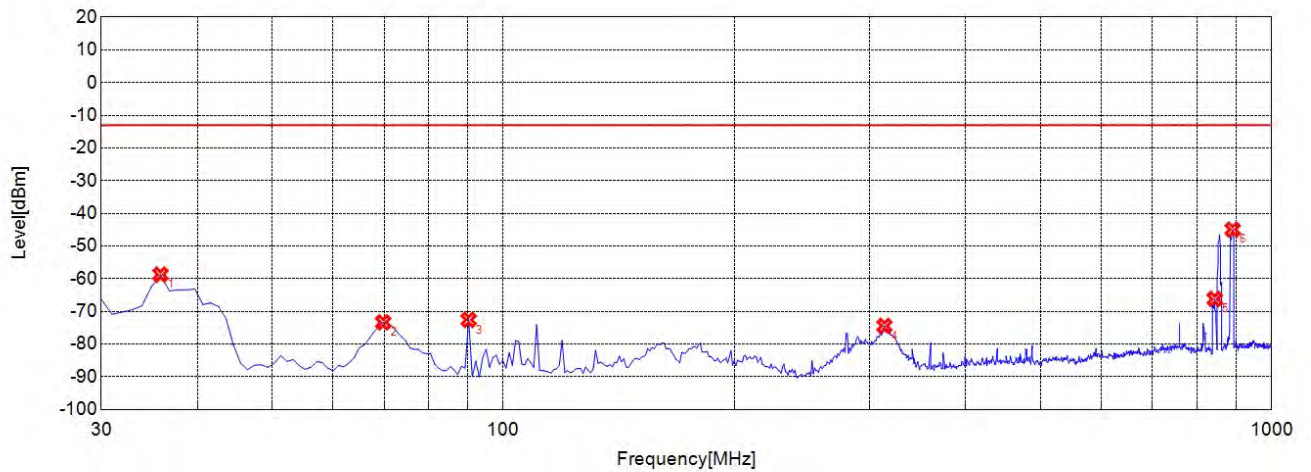
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1770.7710	-24.61	-13.00	11.61	-9.26	-46.29	37.03	182	z	N/A
2	2169.1690	-44.65	-13.00	31.65	-8.07	-46.79	38.72	75	z	N/A
3	2617.6180	-41.29	-13.00	28.29	-10.29	-47.13	36.84	238	z	Vertical
4	5056.5570	-53.67	-13.00	40.67	-2.55	-43.86	41.31	87	z	Vertical
5	7892.8930	-48.46	-13.00	35.46	7.90	-37.24	45.14	133	z	Vertical
6	11357.8580	-42.79	-13.00	29.79	13.53	-35.62	49.15	90	z	Vertical

CA_5A-66A High 5A 10M 66A 20M QPSK 1RB V 1-18G

Test Graph



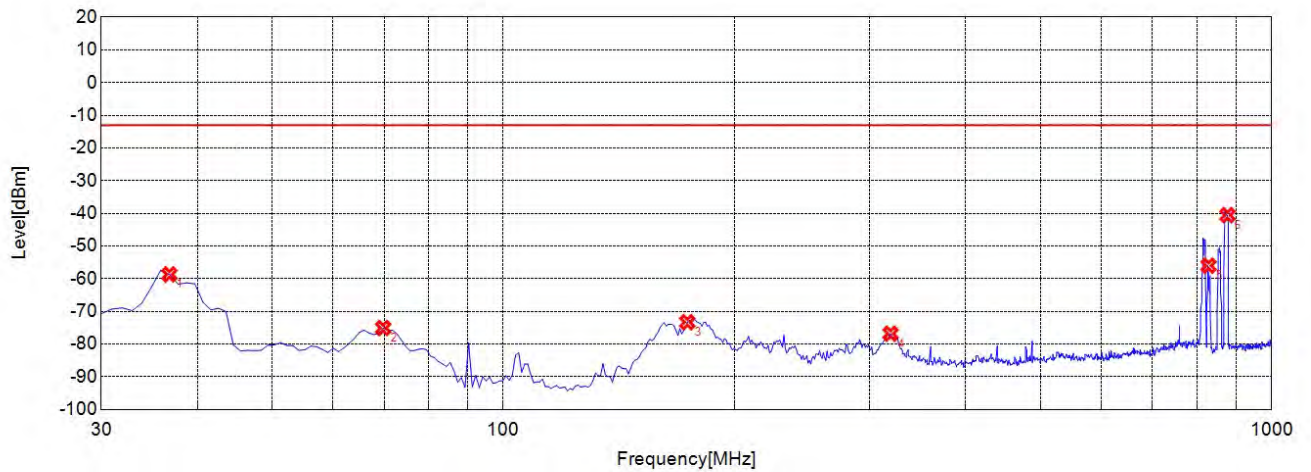
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-58.75	-13.00	45.75	-16.61	-39.57	22.96	96	z	Vertical
2	69.8100	-73.36	-13.00	60.36	-18.22	-39.51	21.29	128	z	Vertical
3	90.2000	-72.58	-13.00	59.58	-16.50	-38.71	22.21	260	z	Vertical
4	313.5240	-74.45	-13.00	61.45	-11.71	-36.97	25.26	157	z	Vertical
5	843.6740	-66.21	-13.00	53.21	-2.89	-34.11	31.22	28	z	N/A
6	890.2800	-44.96	-13.00	31.96	-1.20	-33.99	32.79	275	z	N/A

CA_5A-66A High 5A 10M 66A 20M QPSK 1RB V

Test Graph



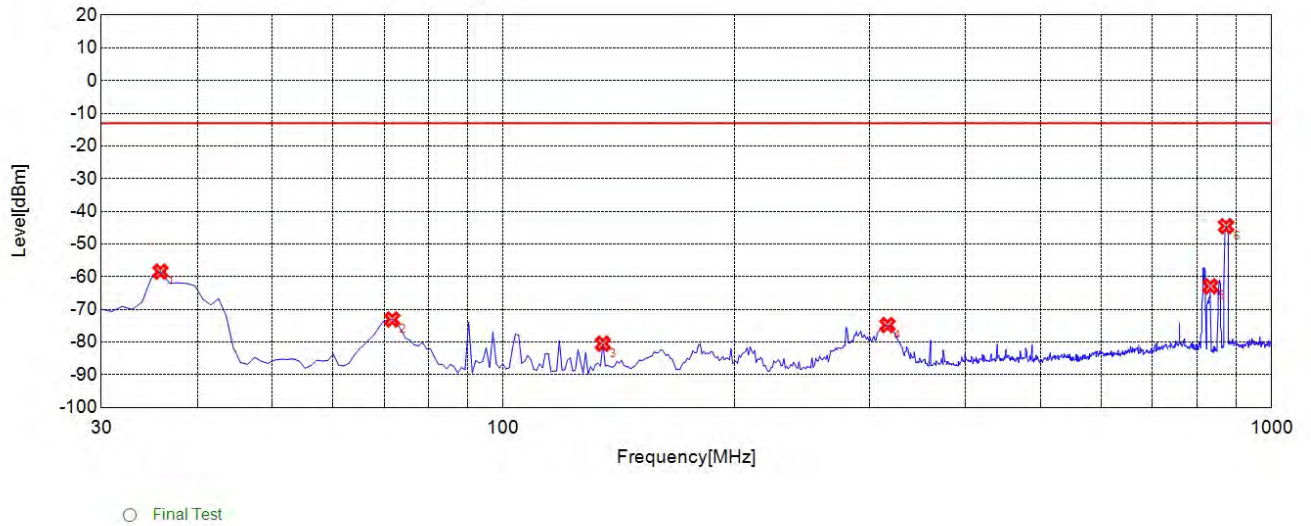
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-58.69	-13.00	45.69	-8.51	-39.57	31.06	275	z	Horizontal
2	69.8100	-75.09	-13.00	62.09	-15.85	-39.51	23.66	115	z	Horizontal
3	173.7040	-73.31	-13.00	60.31	-18.04	-38.12	20.08	158	z	Horizontal
4	319.3490	-76.82	-13.00	63.82	-12.59	-37.00	24.41	291	z	Horizontal
5	828.1380	-56.02	-13.00	43.02	-2.86	-34.16	31.30	117	z	N/A
6	876.6870	-40.57	-13.00	27.57	-2.17	-34.03	31.86	209	z	N/A

CA_5A-66A Low 5A 10M 66A 20M QPSK 1RB H

Test Graph

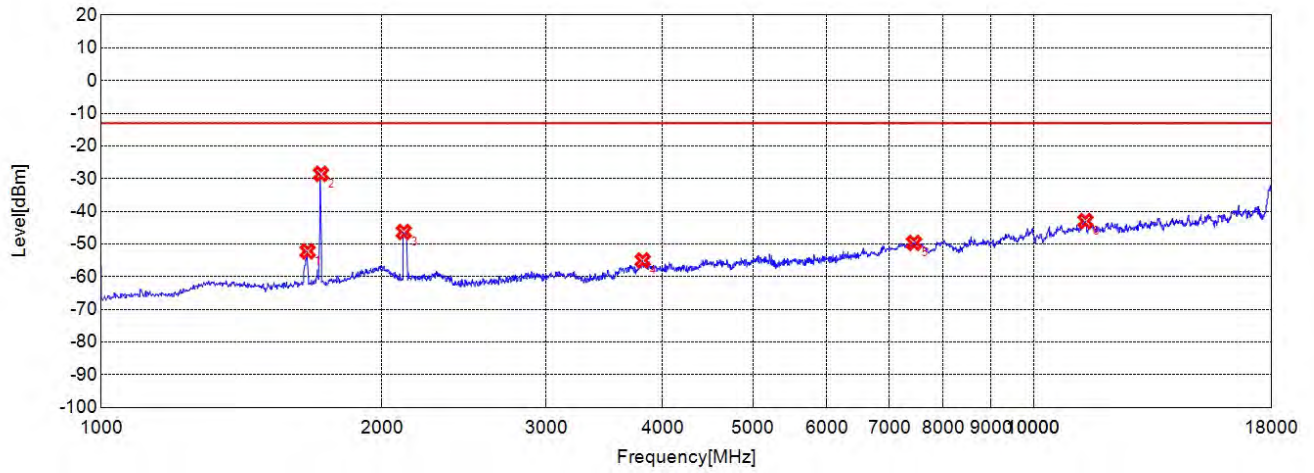


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-58.46	-13.00	45.46	-16.61	-39.57	22.96	268	z	Vertical
2	71.7520	-73.08	-13.00	60.08	-18.59	-39.44	20.85	284	z	Vertical
3	134.8650	-80.48	-13.00	67.48	-16.03	-38.54	22.51	179	z	Vertical
4	316.4360	-74.8	-13.00	61.80	-11.64	-36.99	25.35	180	z	Vertical
5	832.9930	-62.94	-13.00	49.94	-2.60	-34.14	31.54	59	z	N/A
6	872.8030	-44.52	-13.00	31.52	-2.08	-34.04	31.96	176	z	N/A

CA_5A-66A Low 5A 10M 66A 20M QPSK 1RB V

Test Graph



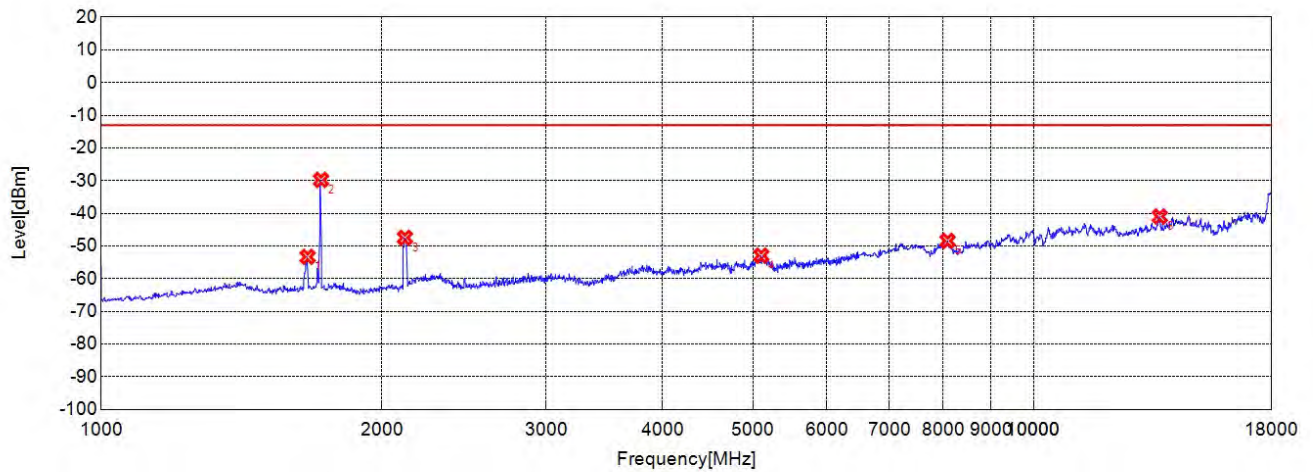
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1664.6650	-52.23	-13.00	39.23	-8.81	-46.28	37.47	34	z	Horizontal
2	1720.7210	-28.55	-13.00	15.55	-8.37	-46.32	37.95	178	z	N/A
3	2111.1110	-46.31	-13.00	33.31	-8.38	-47.20	38.82	183	z	N/A
4	3809.3090	-55.04	-13.00	42.04	-6.65	-46.16	39.51	87	z	Horizontal
5	7443.9440	-49.66	-13.00	36.66	6.95	-38.84	45.79	12	z	Horizontal
6	11369.3690	-43	-13.00	30.00	13.56	-35.73	49.29	193	z	Horizontal

CA_5A-66A Low 5A 10M 66A 20M QPSK 1RB 1-18G H

Test Graph



○ Final Test

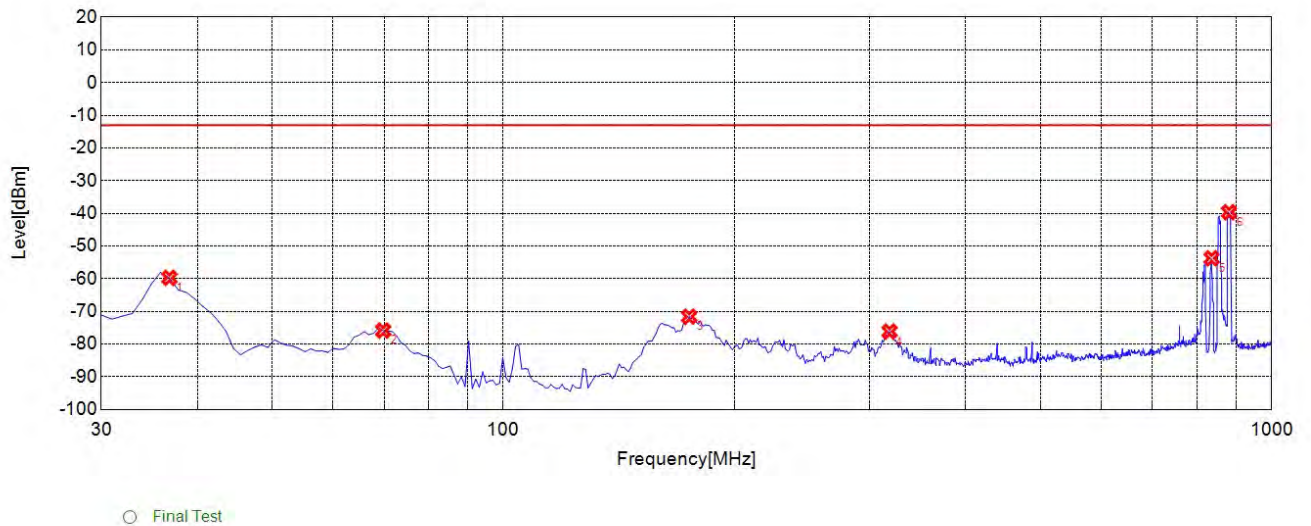
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1664.6650	-53.31	-13.00	40.31	-9.71	-46.28	36.57	44	z	Vertical
2	1720.7210	-29.78	-13.00	16.78	-9.35	-46.32	36.97	139	z	N/A
3	2117.1170	-47.47	-13.00	34.47	-9.77	-47.13	37.36	43	z	N/A
4	5105.6060	-52.92	-13.00	39.92	-2.16	-43.84	41.68	226	z	Vertical
5	8088.5890	-48.44	-13.00	35.44	8.32	-37.72	46.04	81	z	Vertical
6	13660.1600	-40.97	-13.00	27.97	19.41	-30.35	49.76	238	z	Vertical

CA_5A-66A Low 5A 10M 66A 20M QPSK 1RB 1-18G V



Test Graph

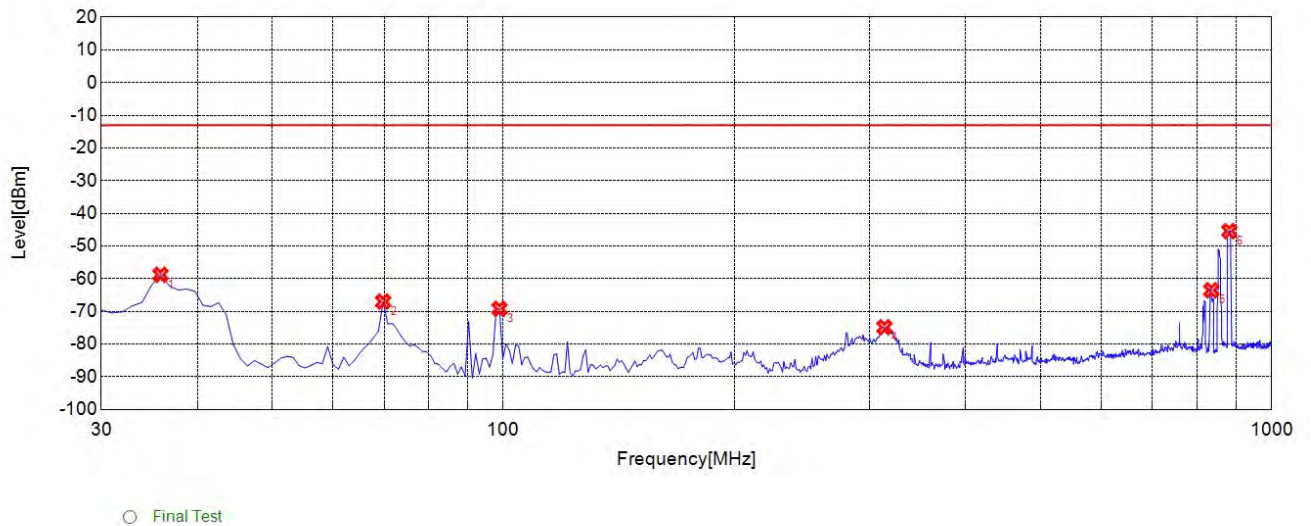


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-59.75	-13.00	46.75	-8.51	-39.57	31.06	128	z	Horizontal
2	69.8100	-75.87	-13.00	62.87	-15.85	-39.51	23.66	161	z	Horizontal
3	174.6750	-71.6	-13.00	58.60	-17.93	-38.12	20.19	47	z	Horizontal
4	318.3780	-76.18	-13.00	63.18	-12.58	-36.99	24.41	171	z	Horizontal
5	835.9060	-53.73	-13.00	40.73	-2.61	-34.13	31.52	231	z	N/A
6	880.5710	-39.65	-13.00	26.65	-2.15	-34.02	31.87	296	z	N/A

CA_5A-66A Mid 5A 10M 66A 20M QPSK 1RB H

Test Graph

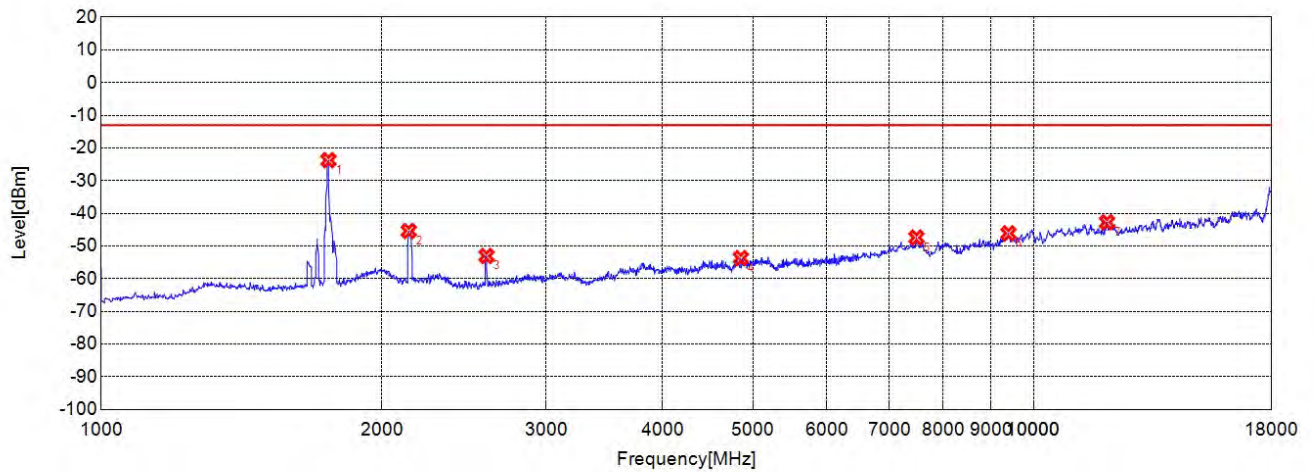


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-58.79	-13.00	45.79	-16.61	-39.57	22.96	23	z	Vertical
2	69.8100	-66.99	-13.00	53.99	-18.22	-39.51	21.29	223	z	Vertical
3	98.9390	-69.21	-13.00	56.21	-12.86	-38.70	25.84	210	z	Vertical
4	313.5240	-74.86	-13.00	61.86	-11.71	-36.97	25.26	225	z	Vertical
5	834.9350	-63.56	-13.00	50.56	-2.66	-34.14	31.48	275	z	N/A
6	881.5420	-45.41	-13.00	32.41	-1.51	-34.01	32.50	199	z	N/A

CA_5A-66A Mid 5A 10M 66A 20M QPSK 1RB V

Test Graph



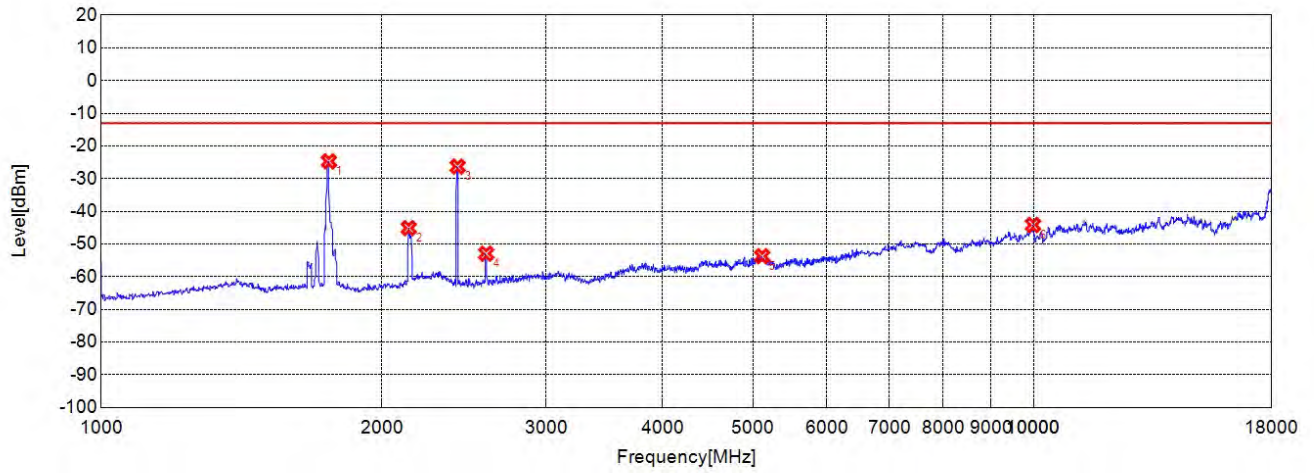
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1752.7530	-23.74	-13.00	10.74	-8.27	-46.26	37.99	297	z	N/A
2	2137.1370	-45.4	-13.00	32.40	-7.97	-46.88	38.91	25	z	N/A
3	2589.5900	-53.06	-13.00	40.06	-10.25	-47.15	36.90	204	z	Horizontal
4	4853.3530	-53.7	-13.00	40.70	-3.15	-44.14	40.99	131	z	Horizontal
5	7489.9900	-47.43	-13.00	34.43	7.90	-38.23	46.13	69	z	Horizontal
6	9400.9010	-46.15	-13.00	33.15	10.56	-38.47	49.03	31	z	Horizontal
7	11990.9910	-42.74	-13.00	29.74	15.15	-34.15	49.30	297	z	Horizontal

CA_5A-66A Mid 5A 10M 66A 20M QPSK 1RB H 1-18G

Test Graph



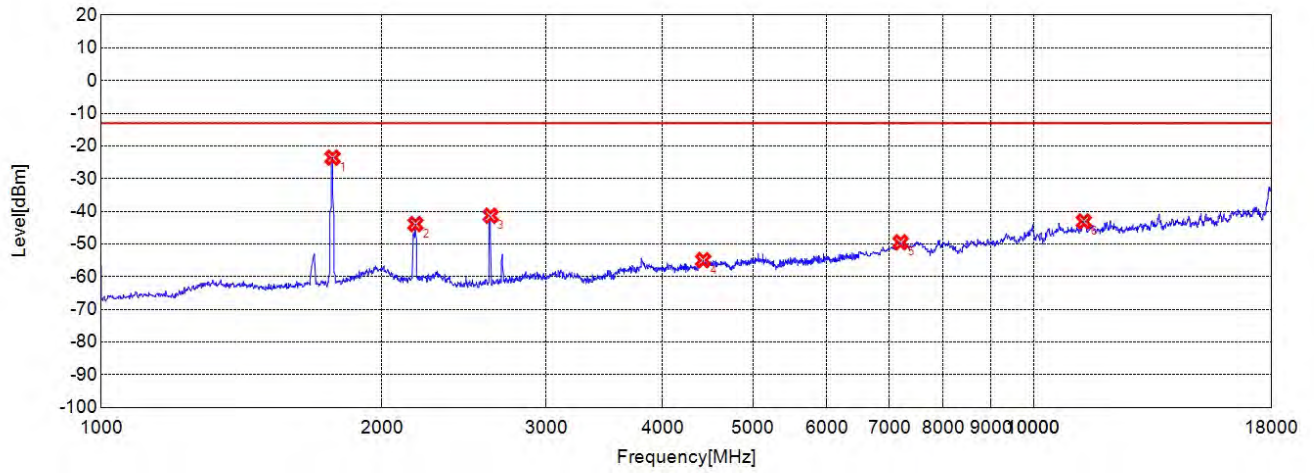
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1754.7550	-24.7	-13.00	11.70	-9.26	-46.27	37.01	131	z	N/A
2	2137.1370	-45.12	-13.00	32.12	-9.00	-46.88	37.88	29	z	N/A
3	2411.4110	-26.31	-13.00	13.31	-10.36	-47.43	37.07	49	z	Vertical
4	2587.5880	-52.95	-13.00	39.95	-10.40	-47.17	36.77	161	z	Vertical
5	5116.1160	-53.73	-13.00	40.73	-2.24	-43.83	41.59	255	z	Vertical
6	9987.9880	-44.18	-13.00	31.18	11.88	-36.60	48.48	263	z	Vertical

CA_5A-66A Mid 5A 10M 66A 20M QPSK 1RB V 1-18G

Test Graph



○ Final Test

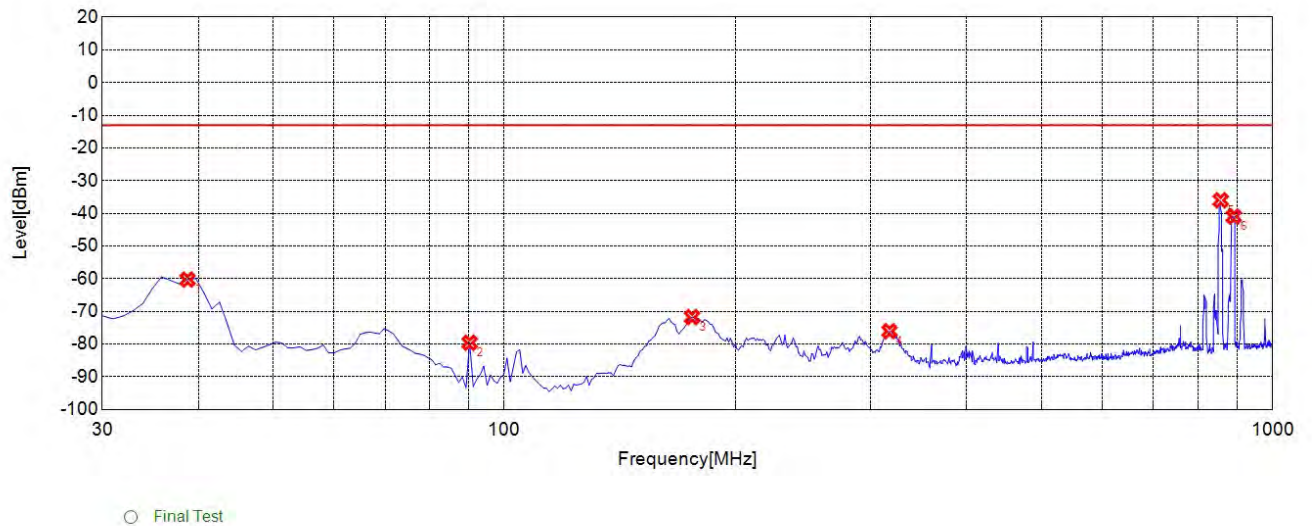
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1770.7710	-23.58	-13.00	10.58	-8.27	-46.29	38.02	177	z	N/A
2	2173.1730	-43.91	-13.00	30.91	-7.79	-46.81	39.02	107	z	N/A
3	2615.6160	-41.35	-13.00	28.35	-10.13	-47.12	36.99	280	z	Horizontal
4	4422.4220	-54.95	-13.00	41.95	-5.56	-45.75	40.19	90	z	Horizontal
5	7202.2020	-49.48	-13.00	36.48	6.00	-39.23	45.23	294	z	Horizontal
6	11323.3230	-43.1	-13.00	30.10	13.20	-35.85	49.05	257	z	Horizontal

CA_5A-66A High 5A 10M 66A 20M QPSK 1RB H 1-18G



Test Graph

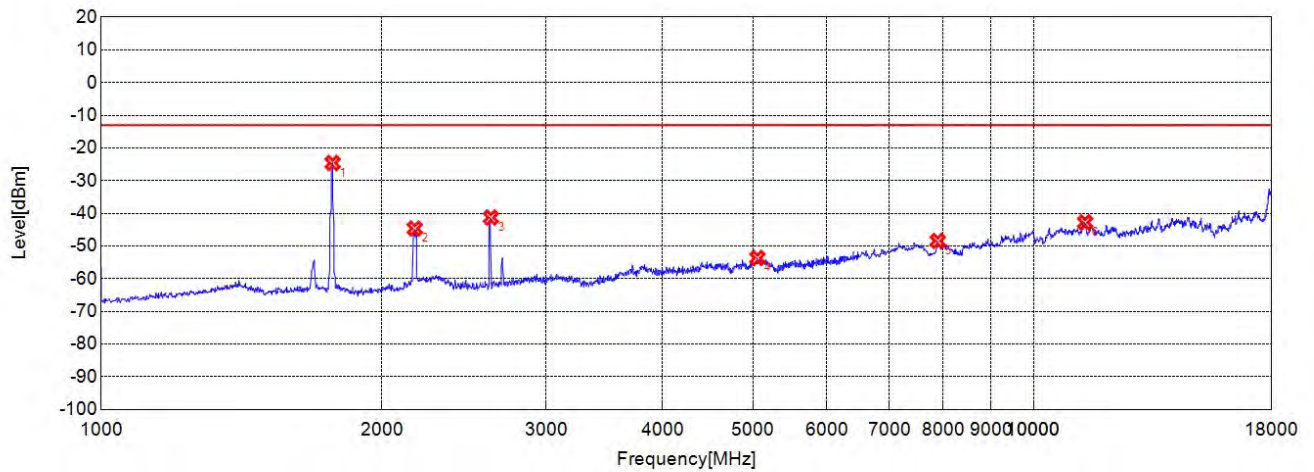


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	38.7390	-60.27	-13.00	47.27	-7.63	-39.55	31.92	28	z	Horizontal
2	90.2000	-79.62	-13.00	66.62	-18.92	-38.71	19.79	31	z	Horizontal
3	175.6460	-71.76	-13.00	58.76	-17.81	-38.11	20.30	68	z	Horizontal
4	317.4070	-76.08	-13.00	63.08	-12.57	-36.99	24.42	180	z	Horizontal
5	856.2960	-36.01	-13.00	23.01	-2.37	-34.07	31.70	224	z	N/A
6	890.2800	-40.97	-13.00	27.97	-2.01	-33.99	31.98	246	z	N/A

CA_5A-66A High 5A 10M 66A 20M QPSK 1RB H

Test Graph



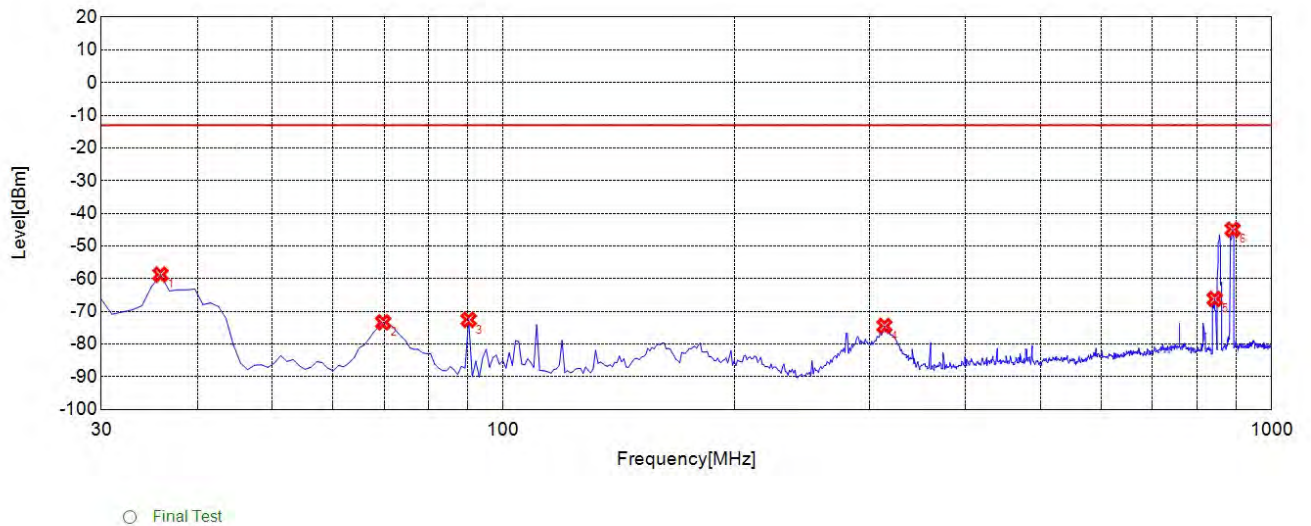
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1770.7710	-24.61	-13.00	11.61	-9.26	-46.29	37.03	299	z	N/A
2	2169.1690	-44.65	-13.00	31.65	-8.07	-46.79	38.72	93	z	N/A
3	2617.6180	-41.29	-13.00	28.29	-10.29	-47.13	36.84	223	z	Vertical
4	5056.5570	-53.67	-13.00	40.67	-2.55	-43.86	41.31	231	z	Vertical
5	7892.8930	-48.46	-13.00	35.46	7.90	-37.24	45.14	24	z	Vertical
6	11357.8580	-42.79	-13.00	29.79	13.53	-35.62	49.15	162	z	Vertical

CA_5A-66A High 5A 10M 66A 20M QPSK 1RB V 1-18G

Test Graph

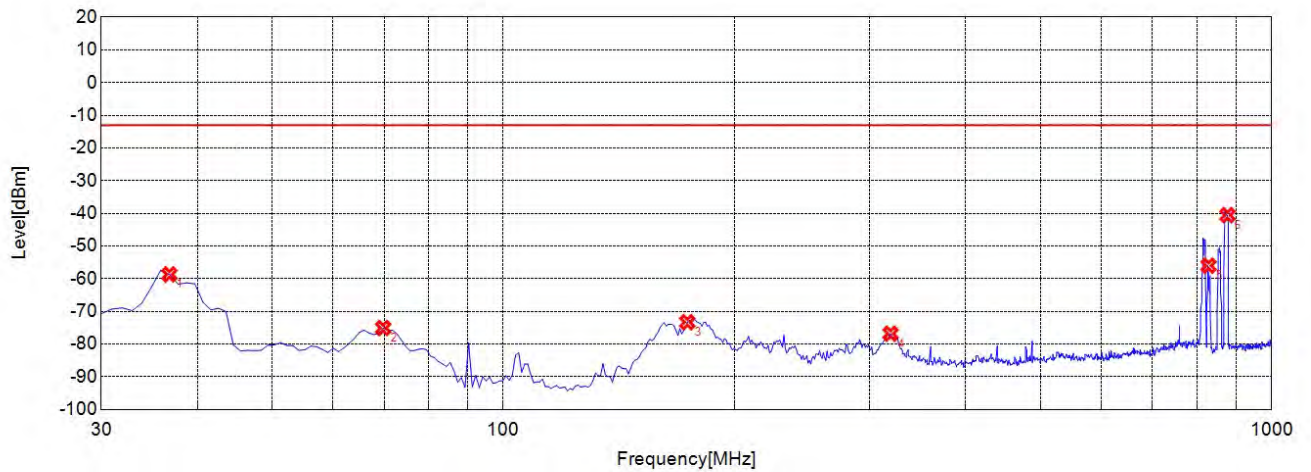


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-58.75	-13.00	45.75	-16.61	-39.57	22.96	177	z	Vertical
2	69.8100	-73.36	-13.00	60.36	-18.22	-39.51	21.29	73	z	Vertical
3	90.2000	-72.58	-13.00	59.58	-16.50	-38.71	22.21	196	z	Vertical
4	313.5240	-74.45	-13.00	61.45	-11.71	-36.97	25.26	80	z	Vertical
5	843.6740	-66.21	-13.00	53.21	-2.89	-34.11	31.22	223	z	N/A
6	890.2800	-44.96	-13.00	31.96	-1.20	-33.99	32.79	276	z	N/A

CA_5A-66A High 5A 10M 66A 20M QPSK 1RB V

Test Graph



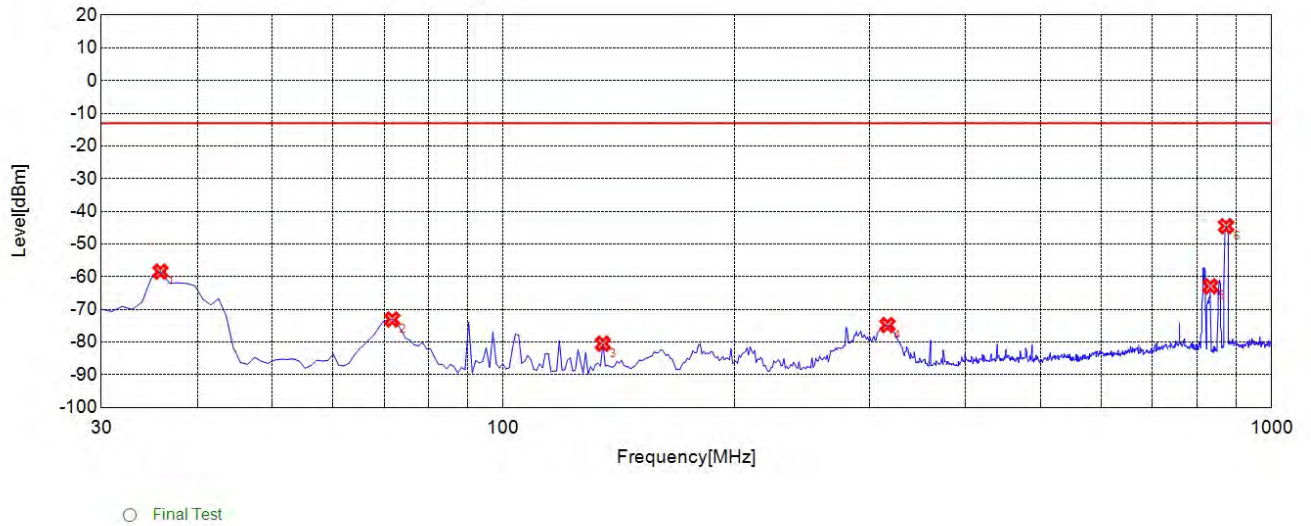
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-58.69	-13.00	45.69	-8.51	-39.57	31.06	280	z	Horizontal
2	69.8100	-75.09	-13.00	62.09	-15.85	-39.51	23.66	31	z	Horizontal
3	173.7040	-73.31	-13.00	60.31	-18.04	-38.12	20.08	284	z	Horizontal
4	319.3490	-76.82	-13.00	63.82	-12.59	-37.00	24.41	93	z	Horizontal
5	828.1380	-56.02	-13.00	43.02	-2.86	-34.16	31.30	266	z	N/A
6	876.6870	-40.57	-13.00	27.57	-2.17	-34.03	31.86	158	z	N/A

CA_5A-66A Low 5A 10M 66A 20M QPSK 1RB H

Test Graph

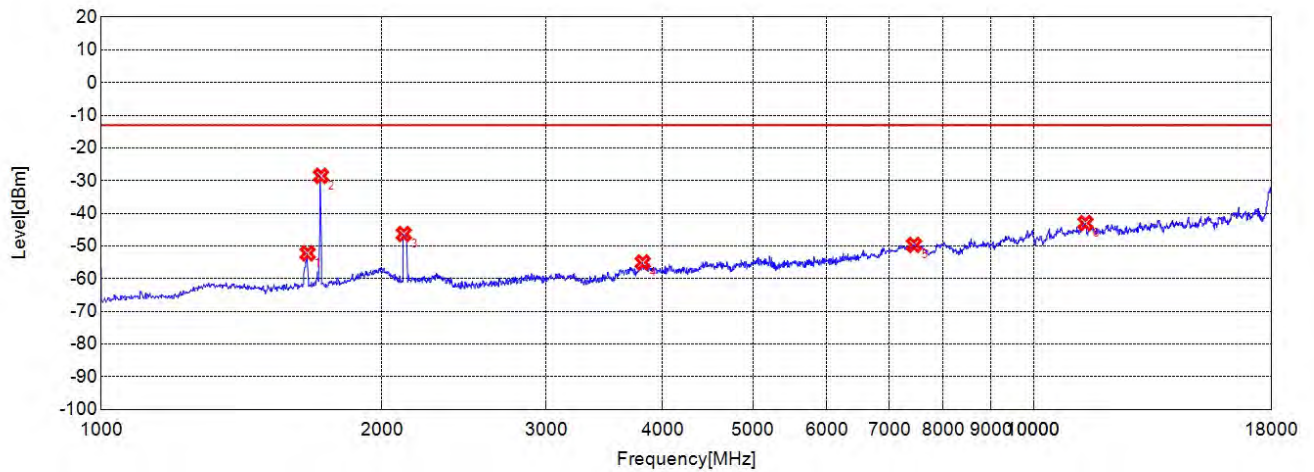


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-58.46	-13.00	45.46	-16.61	-39.57	22.96	210	z	Vertical
2	71.7520	-73.08	-13.00	60.08	-18.59	-39.44	20.85	67	z	Vertical
3	134.8650	-80.48	-13.00	67.48	-16.03	-38.54	22.51	81	z	Vertical
4	316.4360	-74.8	-13.00	61.80	-11.64	-36.99	25.35	273	z	Vertical
5	832.9930	-62.94	-13.00	49.94	-2.60	-34.14	31.54	242	z	N/A
6	872.8030	-44.52	-13.00	31.52	-2.08	-34.04	31.96	274	z	N/A

CA_5A-66A Low 5A 10M 66A 20M QPSK 1RB V

Test Graph



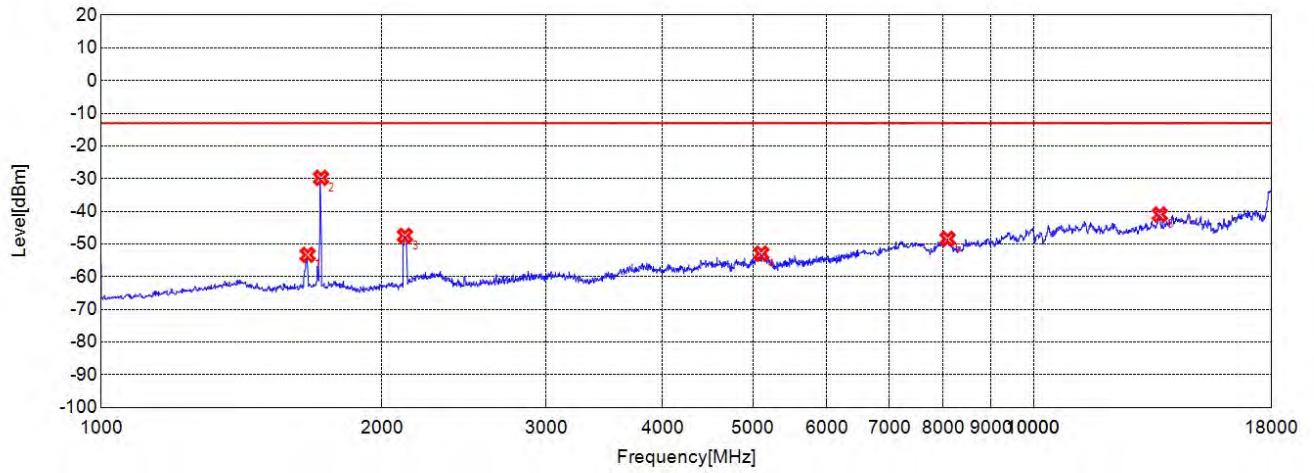
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1664.6650	-52.23	-13.00	39.23	-8.81	-46.28	37.47	191	z	Horizontal
2	1720.7210	-28.55	-13.00	15.55	-8.37	-46.32	37.95	91	z	N/A
3	2111.1110	-46.31	-13.00	33.31	-8.38	-47.20	38.82	86	z	N/A
4	3809.3090	-55.04	-13.00	42.04	-6.65	-46.16	39.51	245	z	Horizontal
5	7443.9440	-49.66	-13.00	36.66	6.95	-38.84	45.79	211	z	Horizontal
6	11369.3690	-43	-13.00	30.00	13.56	-35.73	49.29	58	z	Horizontal

CA_5A-66A Low 5A 10M 66A 20M QPSK 1RB 1-18G H

Test Graph



○ Final Test

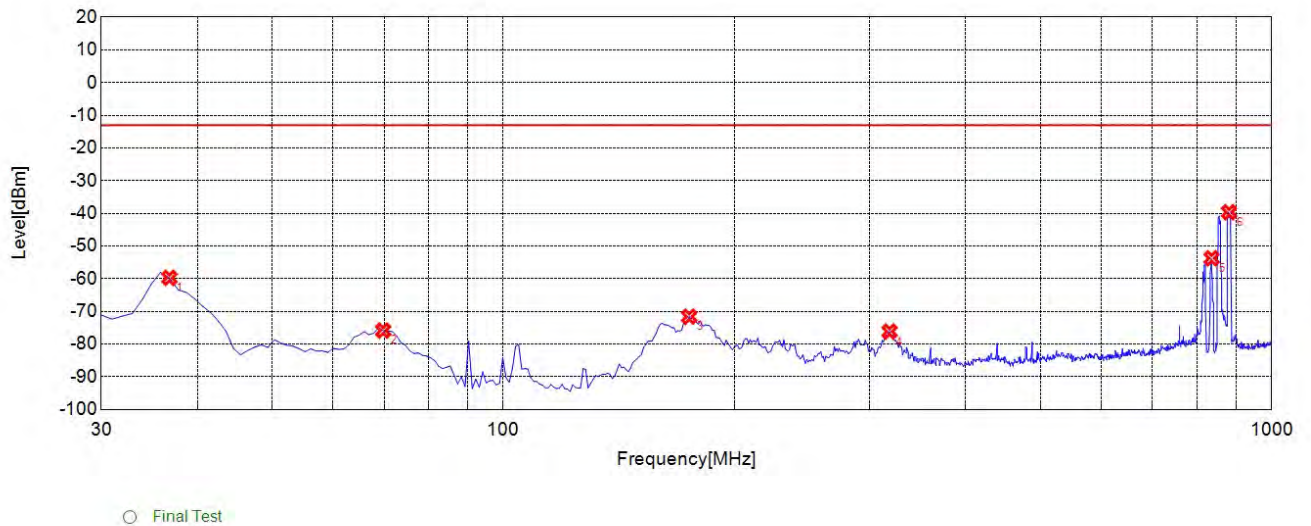
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1664.6650	-53.31	-13.00	40.31	-9.71	-46.28	36.57	263	z	Vertical
2	1720.7210	-29.78	-13.00	16.78	-9.35	-46.32	36.97	45	z	N/A
3	2117.1170	-47.47	-13.00	34.47	-9.77	-47.13	37.36	122	z	N/A
4	5105.6060	-52.92	-13.00	39.92	-2.16	-43.84	41.68	263	z	Vertical
5	8088.5890	-48.44	-13.00	35.44	8.32	-37.72	46.04	148	z	Vertical
6	13660.1600	-40.97	-13.00	27.97	19.41	-30.35	49.76	252	z	Vertical

CA_5A-66A Low 5A 10M 66A 20M QPSK 1RB 1-18G V



Test Graph

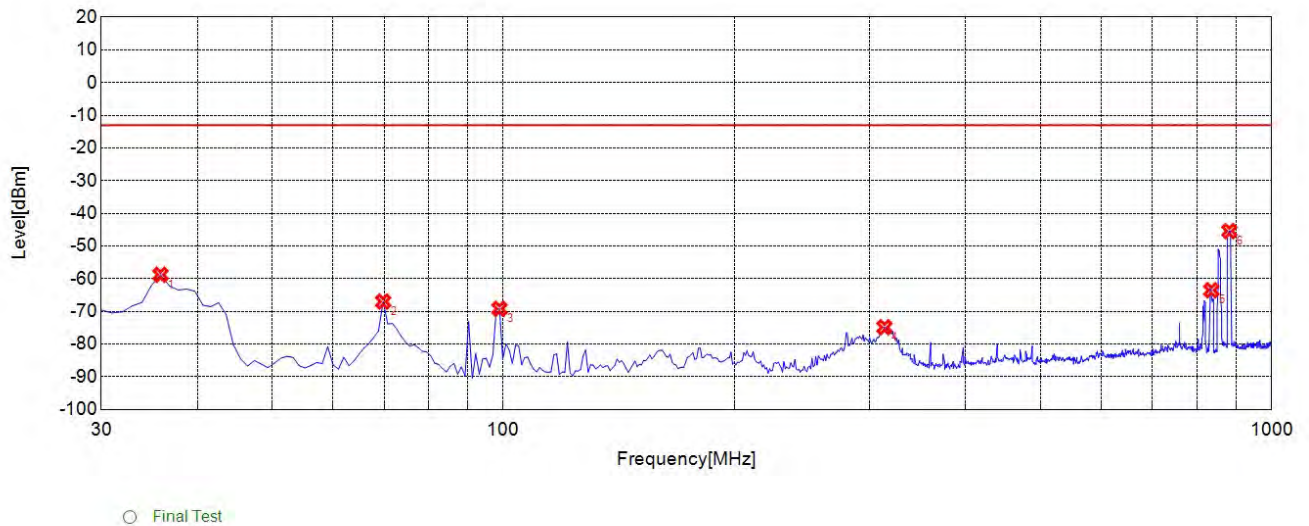


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-59.75	-13.00	46.75	-8.51	-39.57	31.06	271	z	Horizontal
2	69.8100	-75.87	-13.00	62.87	-15.85	-39.51	23.66	45	z	Horizontal
3	174.6750	-71.6	-13.00	58.60	-17.93	-38.12	20.19	44	z	Horizontal
4	318.3780	-76.18	-13.00	63.18	-12.58	-36.99	24.41	119	z	Horizontal
5	835.9060	-53.73	-13.00	40.73	-2.61	-34.13	31.52	128	z	N/A
6	880.5710	-39.65	-13.00	26.65	-2.15	-34.02	31.87	78	z	N/A

CA_5A-66A Mid 5A 10M 66A 20M QPSK 1RB H

Test Graph

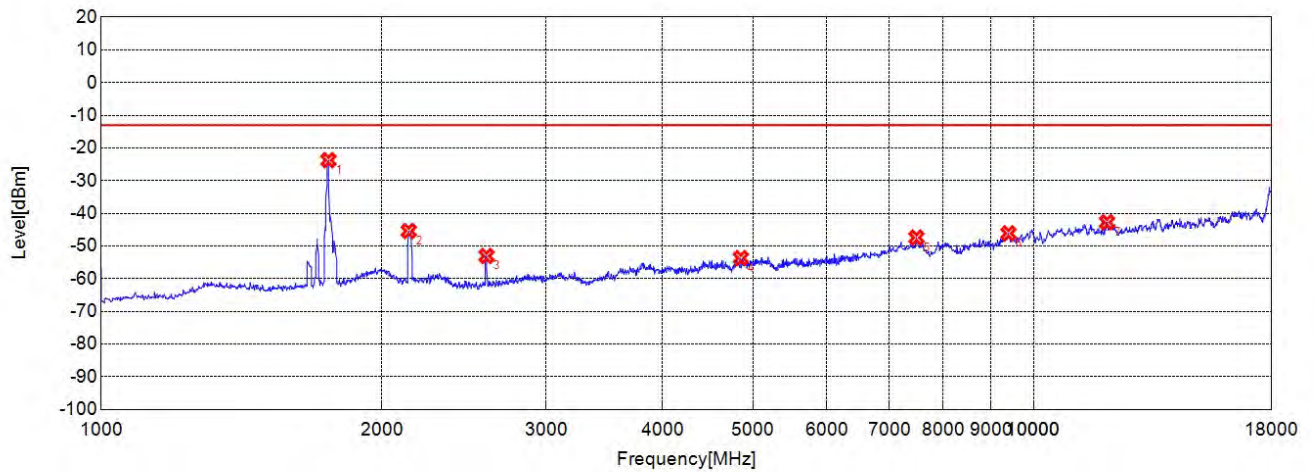


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-58.79	-13.00	45.79	-16.61	-39.57	22.96	97	z	Vertical
2	69.8100	-66.99	-13.00	53.99	-18.22	-39.51	21.29	222	z	Vertical
3	98.9390	-69.21	-13.00	56.21	-12.86	-38.70	25.84	89	z	Vertical
4	313.5240	-74.86	-13.00	61.86	-11.71	-36.97	25.26	180	z	Vertical
5	834.9350	-63.56	-13.00	50.56	-2.66	-34.14	31.48	287	z	N/A
6	881.5420	-45.41	-13.00	32.41	-1.51	-34.01	32.50	202	z	N/A

CA_5A-66A Mid 5A 10M 66A 20M QPSK 1RB V

Test Graph



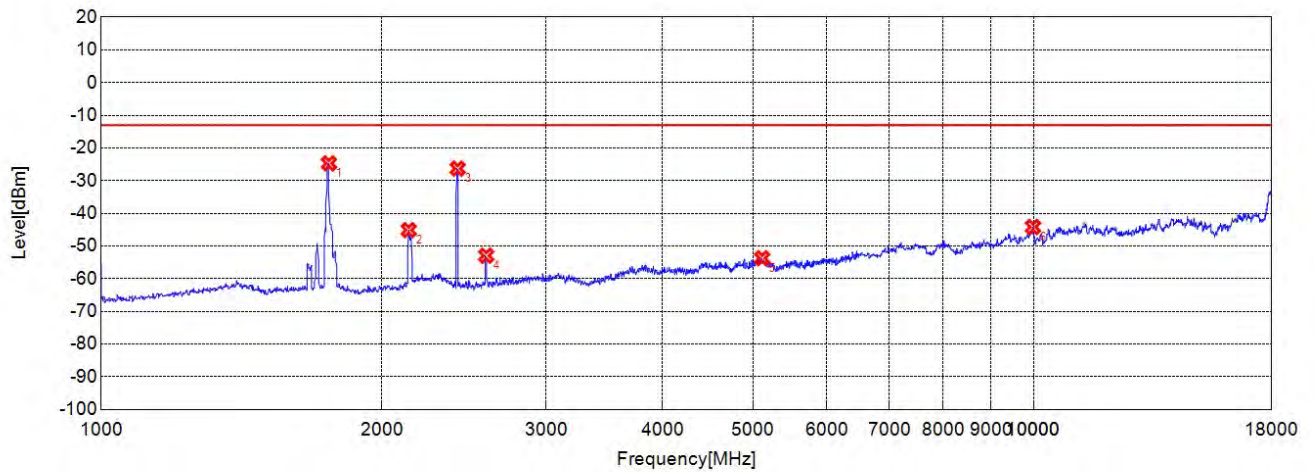
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1752.7530	-23.74	-13.00	10.74	-8.27	-46.26	37.99	263	z	N/A
2	2137.1370	-45.4	-13.00	32.40	-7.97	-46.88	38.91	99	z	N/A
3	2589.5900	-53.06	-13.00	40.06	-10.25	-47.15	36.90	256	z	Horizontal
4	4853.3530	-53.7	-13.00	40.70	-3.15	-44.14	40.99	271	z	Horizontal
5	7489.9900	-47.43	-13.00	34.43	7.90	-38.23	46.13	238	z	Horizontal
6	9400.9010	-46.15	-13.00	33.15	10.56	-38.47	49.03	28	z	Horizontal
7	11990.9910	-42.74	-13.00	29.74	15.15	-34.15	49.30	263	z	Horizontal

CA_5A-66A Mid 5A 10M 66A 20M QPSK 1RB H 1-18G

Test Graph



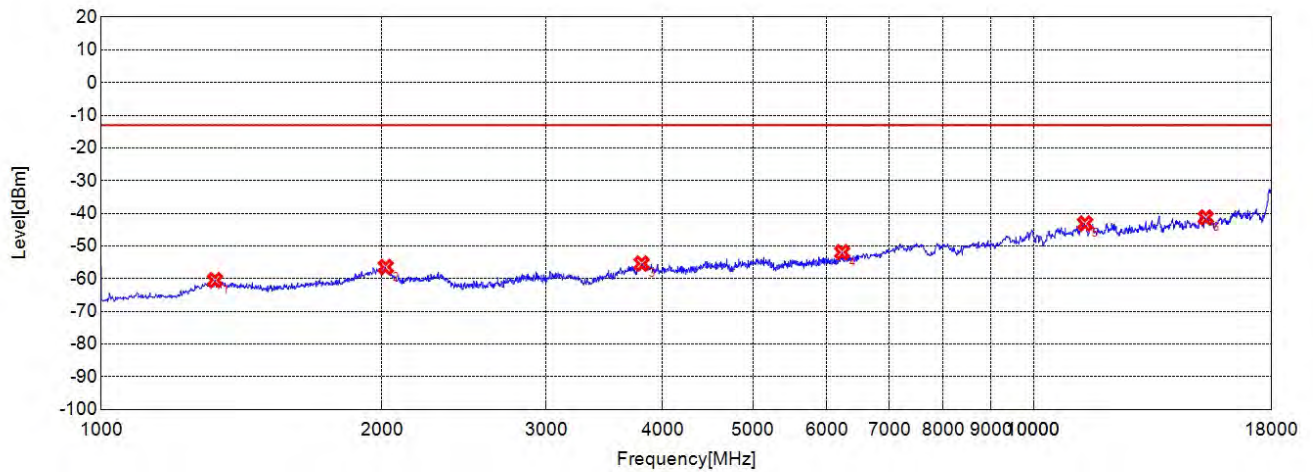
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1754.7550	-24.7	-13.00	11.70	-9.26	-46.27	37.01	173	z	N/A
2	2137.1370	-45.12	-13.00	32.12	-9.00	-46.88	37.88	45	z	N/A
3	2411.4110	-26.31	-13.00	13.31	-10.36	-47.43	37.07	114	z	Vertical
4	2587.5880	-52.95	-13.00	39.95	-10.40	-47.17	36.77	180	z	Vertical
5	5116.1160	-53.73	-13.00	40.73	-2.24	-43.83	41.59	211	z	Vertical
6	9987.9880	-44.18	-13.00	31.18	11.88	-36.60	48.48	116	z	Vertical

CA_5A-66A Mid 5A 10M 66A 20M QPSK 1RB V 1-18G

Test Graph



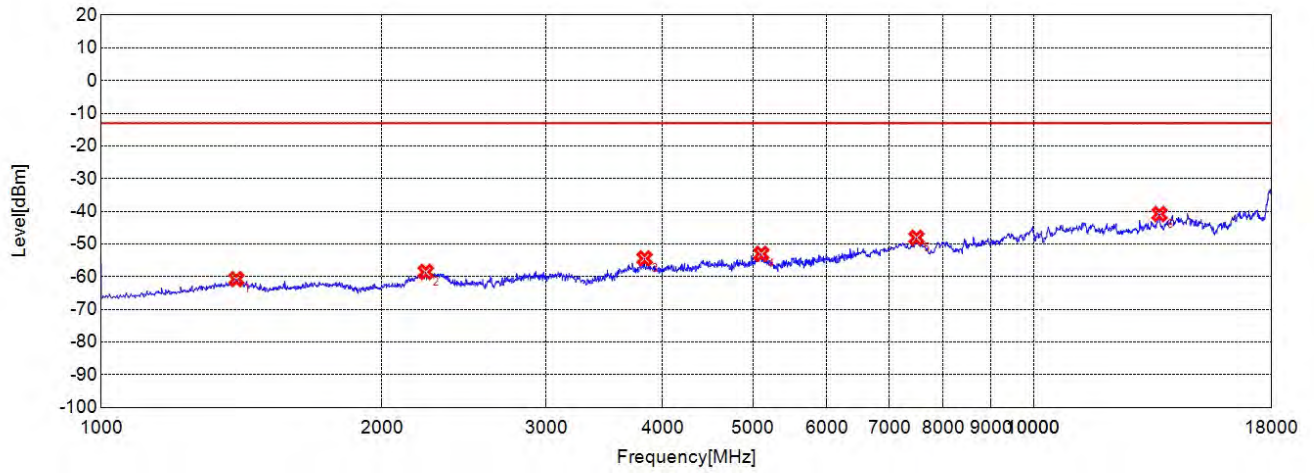
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1324.3240	-60.47	-13.00	47.47	-7.79	-45.28	37.49	64	z	Horizontal
2	2019.0190	-56.43	-13.00	43.43	-5.02	-46.44	41.42	195	z	Horizontal
3	3798.7990	-55.37	-13.00	42.37	-6.51	-45.99	39.48	21	z	Horizontal
4	6233.7340	-51.9	-13.00	38.90	-0.19	-41.98	41.79	238	z	Horizontal
5	11357.8580	-43.13	-13.00	30.13	13.61	-35.62	49.23	291	z	Horizontal
6	15306.3060	-41.3	-13.00	28.30	18.90	-31.84	50.74	53	z	Horizontal

CA_5B High 5B 10M QPSK 1RB 1-18G H

Test Graph



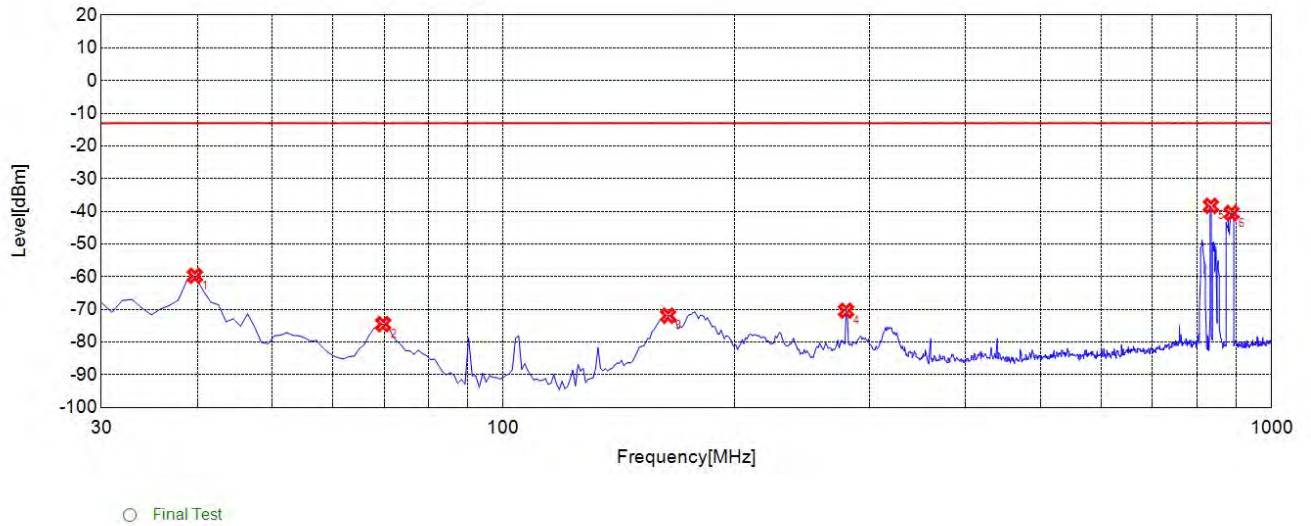
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1396.3960	-60.75	-13.00	47.75	-8.08	-45.34	37.26	263	z	Vertical
2	2229.2290	-58.54	-13.00	45.54	-7.74	-47.11	39.37	228	z	Vertical
3	3826.8270	-54.4	-13.00	41.40	-7.43	-46.57	39.14	113	z	Vertical
4	5105.6060	-53.01	-13.00	40.01	-2.16	-43.84	41.68	222	z	Vertical
5	7489.9900	-48.09	-13.00	35.09	7.50	-38.23	45.73	222	z	Vertical
6	13648.6490	-40.84	-13.00	27.84	19.80	-29.99	49.79	201	z	Vertical

CA_5B High 5B 10M QPSK 1RB 1-18G V

Test Graph

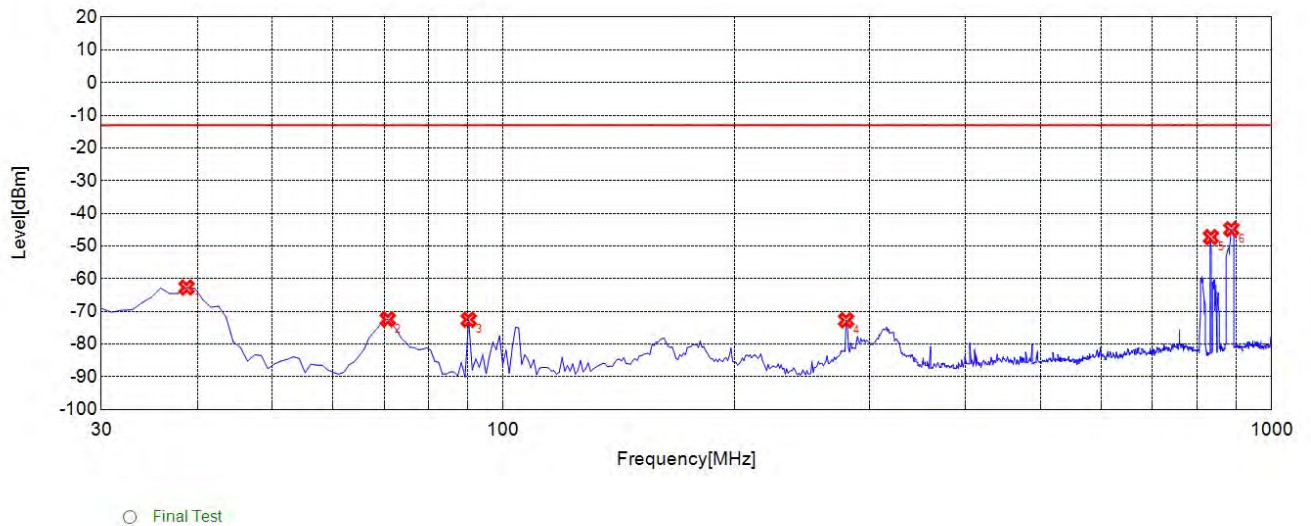


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	39.7100	-59.75	-13.00	46.75	-7.19	-39.54	32.35	157	z	Horizontal
2	69.8100	-74.53	-13.00	61.53	-15.85	-39.51	23.66	185	z	Horizontal
3	163.9940	-71.94	-13.00	58.94	-19.16	-38.28	19.12	97	z	Horizontal
4	279.5400	-70.4	-13.00	57.40	-12.04	-37.04	25.00	255	z	Horizontal
5	833.9640	-38.33	-13.00	25.33	-2.67	-34.14	31.47	10	z	N/A
6	887.3670	-40.53	-13.00	27.53	-2.05	-34.00	31.95	39	z	N/A

CA_5B High 5B 10M QPSK 1RB H

Test Graph

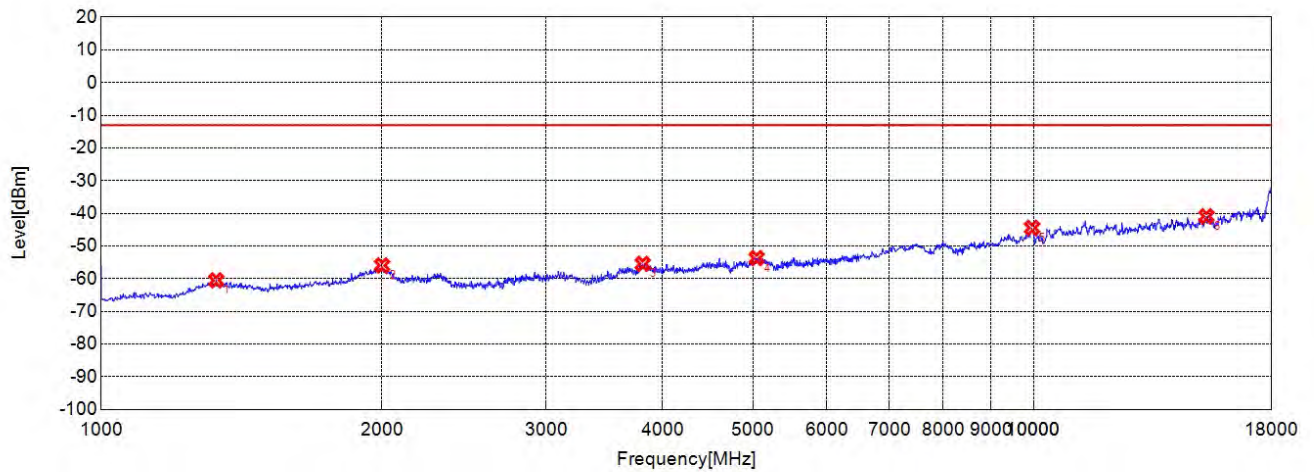


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	38.7390	-62.71	-13.00	49.71	-16.41	-39.55	23.14	298	z	Vertical
2	70.7810	-72.43	-13.00	59.43	-18.39	-39.48	21.09	45	z	Vertical
3	90.2000	-72.56	-13.00	59.56	-16.50	-38.71	22.21	245	z	Vertical
4	279.5400	-72.71	-13.00	59.71	-12.54	-37.04	24.50	93	z	Vertical
5	833.9640	-47.28	-13.00	34.28	-2.63	-34.14	31.51	191	z	N/A
6	886.3960	-44.82	-13.00	31.82	-1.32	-34.00	32.68	246	z	N/A

CA_5B High 5B 10M QPSK 1RB V

Test Graph



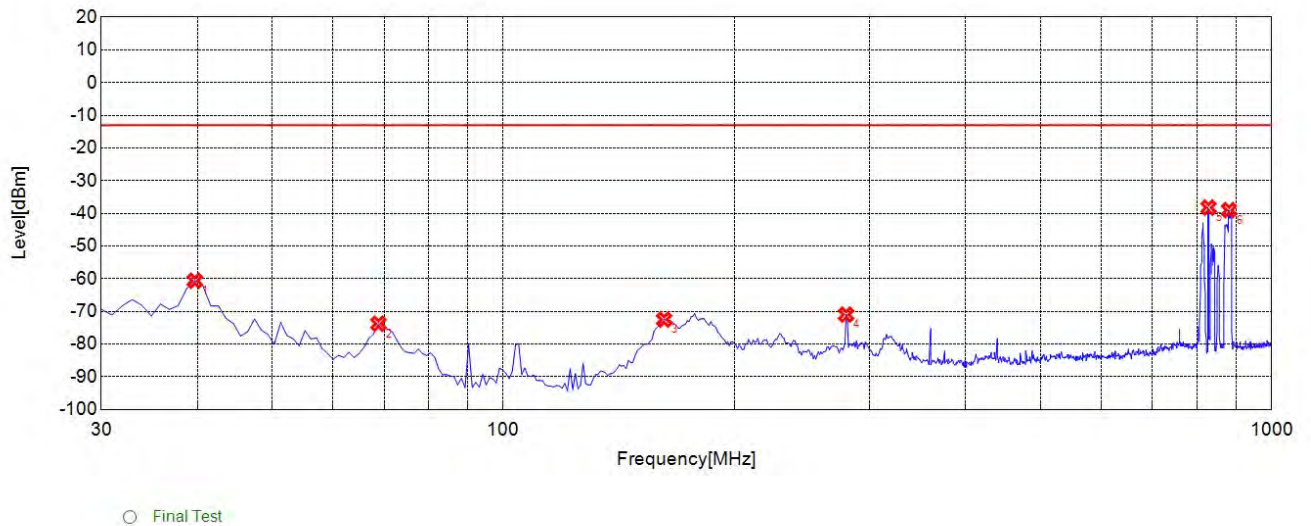
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1328.3280	-60.53	-13.00	47.53	-7.82	-45.28	37.46	194	z	Horizontal
2	2001.0010	-55.93	-13.00	42.93	-4.27	-46.28	42.01	246	z	Horizontal
3	3809.3090	-55.45	-13.00	42.45	-6.65	-46.16	39.51	105	z	Horizontal
4	5046.0460	-53.71	-13.00	40.71	-2.41	-43.86	41.45	93	z	Horizontal
5	9964.9650	-44.45	-13.00	31.45	11.47	-36.91	48.38	40	z	Horizontal
6	15329.3290	-40.92	-13.00	27.92	18.53	-32.22	50.75	72	z	Horizontal

CA_5B Low 5B 10M QPSK 1RB H 1-18G

Test Graph

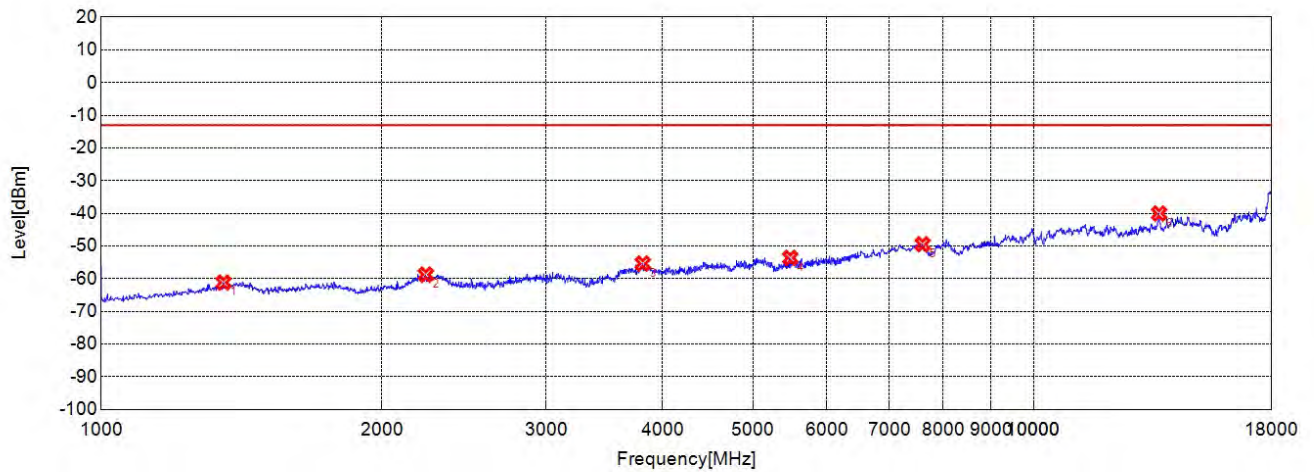


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	39.7100	-60.62	-13.00	47.62	-7.19	-39.54	32.35	257	z	Horizontal
2	68.8390	-73.78	-13.00	60.78	-15.36	-39.51	24.15	82	z	Horizontal
3	162.0520	-72.52	-13.00	59.52	-19.39	-38.33	18.94	300	z	Horizontal
4	279.5400	-70.99	-13.00	57.99	-12.04	-37.04	25.00	242	z	Horizontal
5	828.1380	-38.23	-13.00	25.23	-2.86	-34.16	31.30	62	z	N/A
6	880.5710	-39.02	-13.00	26.02	-2.15	-34.02	31.87	221	z	N/A

CA_5B Low 5B 10M QPSK 1RB H

Test Graph



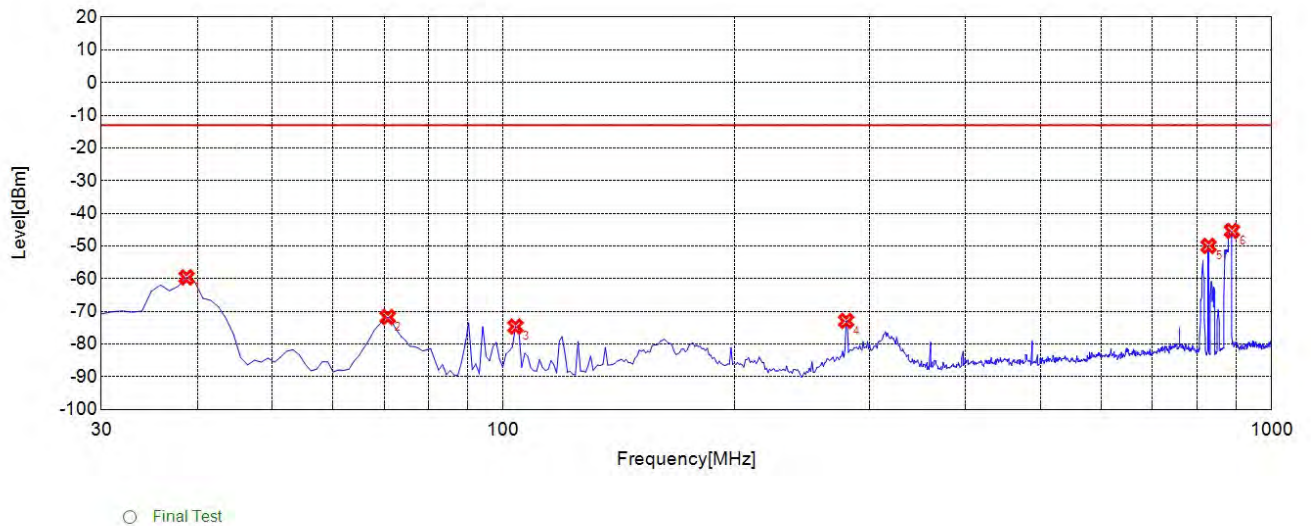
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1352.3520	-61.18	-13.00	48.18	-8.59	-45.27	36.68	66	z	Vertical
2	2229.2290	-58.77	-13.00	45.77	-7.74	-47.11	39.37	150	z	Vertical
3	3809.3090	-55.36	-13.00	42.36	-7.07	-46.16	39.09	238	z	Vertical
4	5483.9840	-53.64	-13.00	40.64	-2.34	-42.83	40.49	144	z	Vertical
5	7605.1050	-49.47	-13.00	36.47	7.36	-37.80	45.16	81	z	Vertical
6	13637.1370	-40.07	-13.00	27.07	19.53	-30.29	49.82	233	z	Vertical

CA_5B Low 5B 10M QPSK 1RB V 1-18G

Test Graph

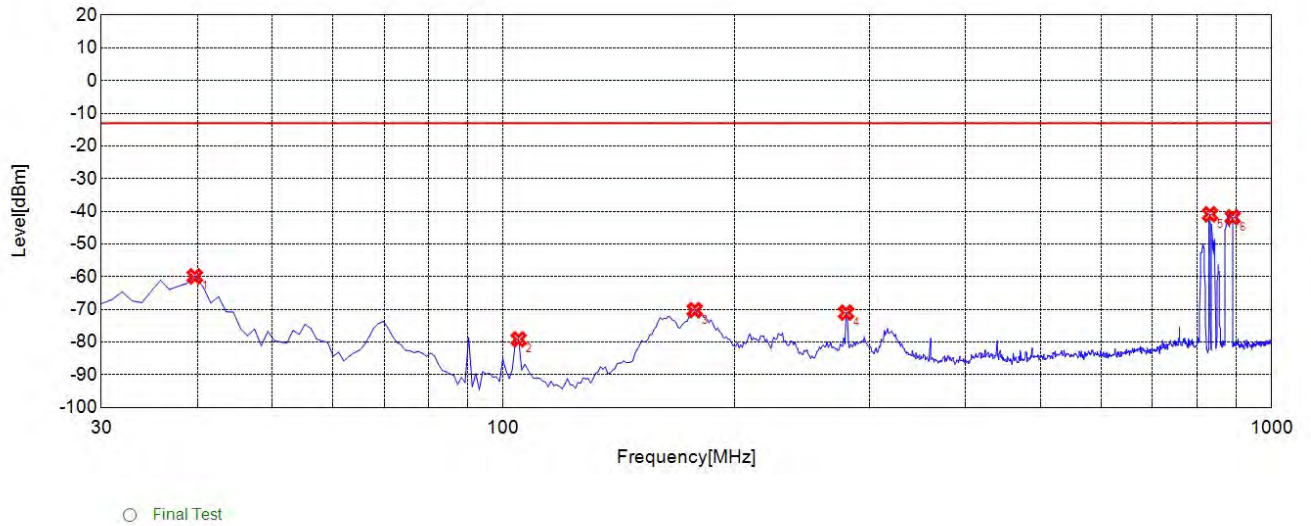


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	38.7390	-59.59	-13.00	46.59	-16.41	-39.55	23.14	86	z	Vertical
2	70.7810	-71.76	-13.00	58.76	-18.39	-39.48	21.09	97	z	Vertical
3	103.7940	-74.65	-13.00	61.65	-13.84	-38.70	24.86	159	z	Vertical
4	279.5400	-72.91	-13.00	59.91	-12.54	-37.04	24.50	49	z	Vertical
5	828.1380	-49.98	-13.00	36.98	-2.63	-34.16	31.53	56	z	N/A
6	888.3380	-45.36	-13.00	32.36	-1.25	-34.00	32.75	182	z	N/A

CA_5B Low 5B 10M QPSK 1RB V

Test Graph

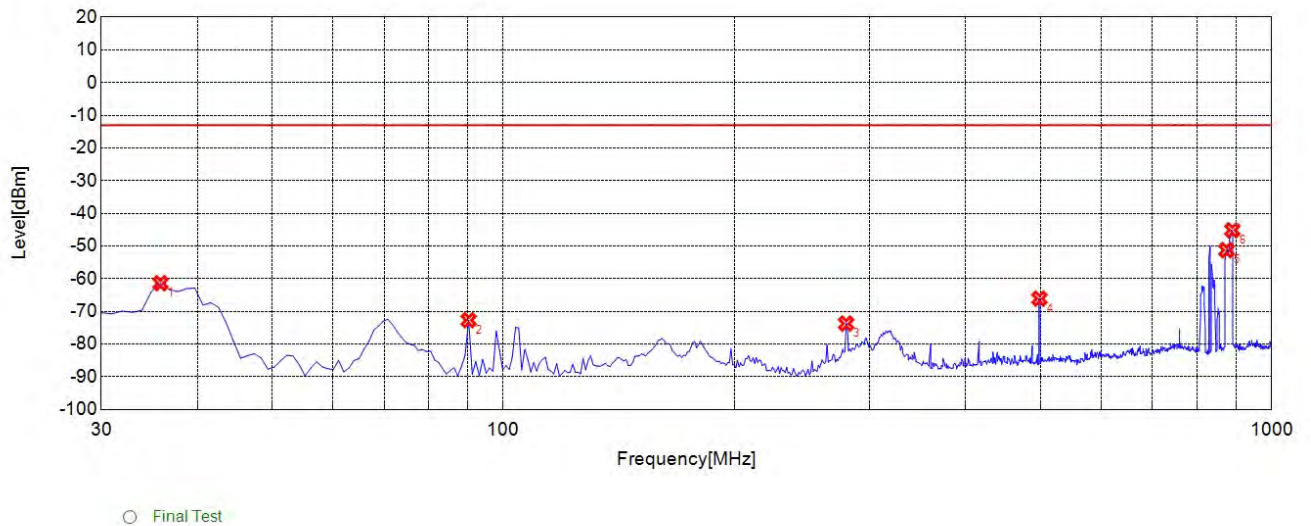


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	39.7100	-59.91	-13.00	46.91	-7.19	-39.54	32.35	49	z	Horizontal
2	104.7650	-79.16	-13.00	66.16	-17.53	-38.70	21.17	292	z	Horizontal
3	177.5880	-70.22	-13.00	57.22	-17.59	-38.11	20.52	83	z	Horizontal
4	279.5400	-70.99	-13.00	57.99	-12.04	-37.04	25.00	277	z	Horizontal
5	832.0220	-40.9	-13.00	27.90	-2.73	-34.14	31.41	205	z	N/A
6	890.2800	-41.84	-13.00	28.84	-2.01	-33.99	31.98	49	z	N/A

CA_5B Mid 5B 10M QPSK 1RB H

Test Graph

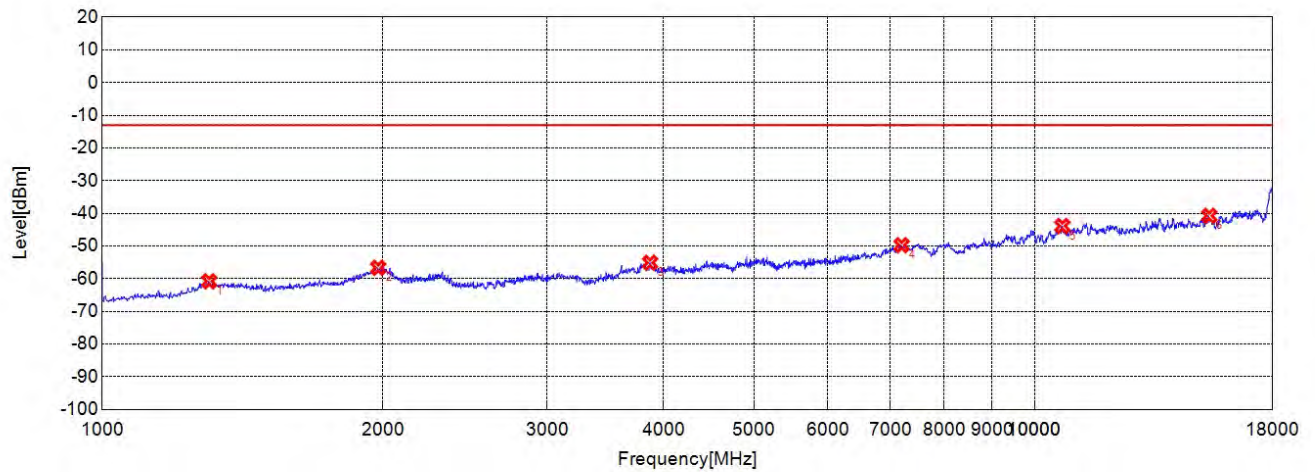


Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	35.8260	-61.39	-13.00	48.39	-16.61	-39.57	22.96	154	z	Vertical
2	90.2000	-72.71	-13.00	59.71	-16.50	-38.71	22.21	150	z	Vertical
3	279.5400	-73.75	-13.00	60.75	-12.54	-37.04	24.50	107	z	Vertical
4	498.9790	-66.09	-13.00	53.09	-8.27	-35.27	27.00	155	z	Vertical
5	873.7740	-51.26	-13.00	38.26	-2.00	-34.03	32.03	143	z	N/A
6	889.3090	-45.15	-13.00	32.15	-1.22	-34.00	32.78	194	z	N/A

CA_5B Mid 5B 10M QPSK 1RB V

Test Graph



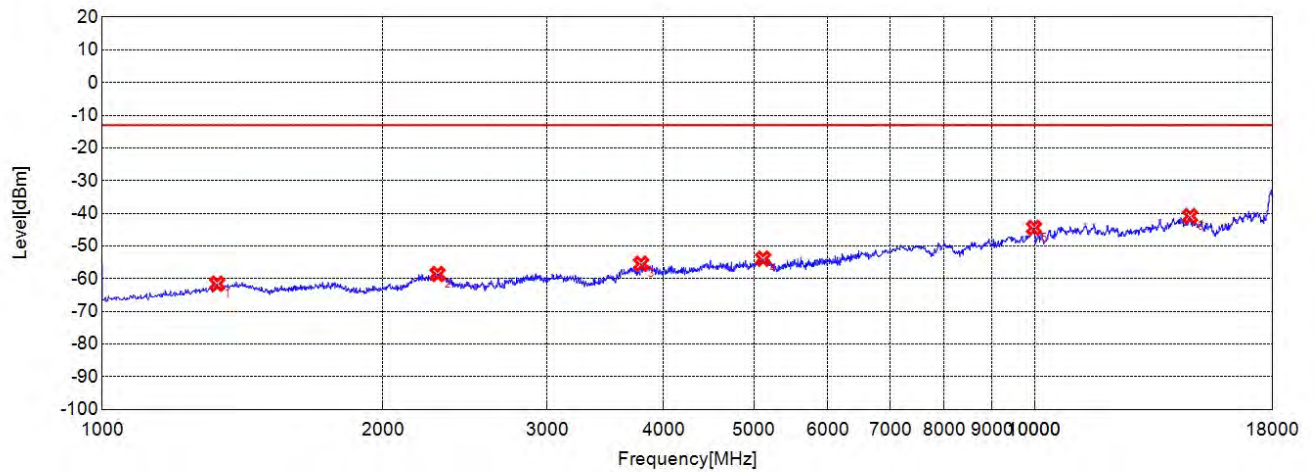
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1302.3020	-60.8	-13.00	47.80	-7.62	-45.29	37.67	10	z	Horizontal
2	1976.9770	-56.67	-13.00	43.67	-4.62	-46.34	41.72	238	z	Horizontal
3	3868.8690	-55.13	-13.00	42.13	-7.25	-46.96	39.71	244	z	Horizontal
4	7202.2020	-49.77	-13.00	36.77	6.00	-39.23	45.23	111	z	Horizontal
5	10713.2130	-43.89	-13.00	30.89	12.01	-36.64	48.65	258	z	Horizontal
6	15398.3980	-40.78	-13.00	27.78	18.76	-32.05	50.81	227	z	Horizontal

CA_5B Mid 5B 10M QPSK 1RB 1-18G H

Test Graph



○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1328.3280	-61.53	-13.00	48.53	-8.92	-45.28	36.36	229	z	Vertical
2	2289.2890	-58.56	-13.00	45.56	-7.43	-46.49	39.06	76	z	Vertical
3	3784.7850	-55.42	-13.00	42.42	-7.41	-46.47	39.06	149	z	Vertical
4	5116.1160	-53.89	-13.00	40.89	-2.24	-43.83	41.59	126	z	Vertical
5	9987.9880	-44.43	-13.00	31.43	11.88	-36.60	48.48	221	z	Vertical
6	14684.6850	-40.86	-13.00	27.86	19.26	-31.30	50.56	21	z	Vertical

CA_5B Mid 5B 10M QPSK 1RB 1-18G V