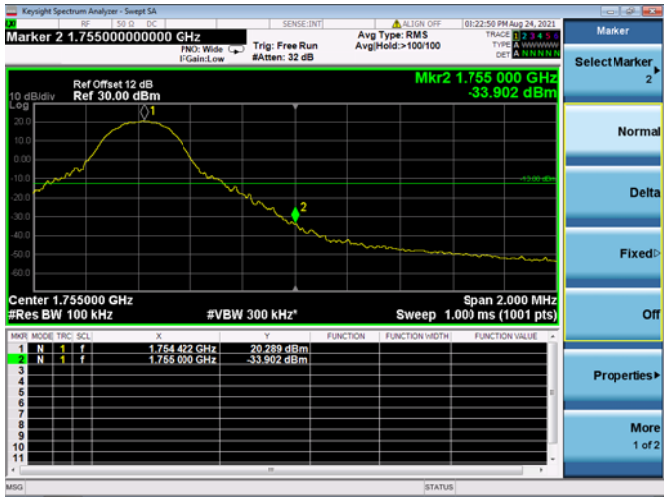
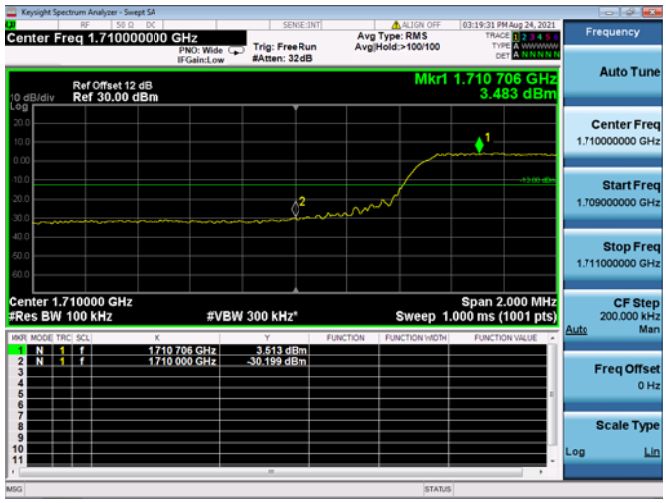
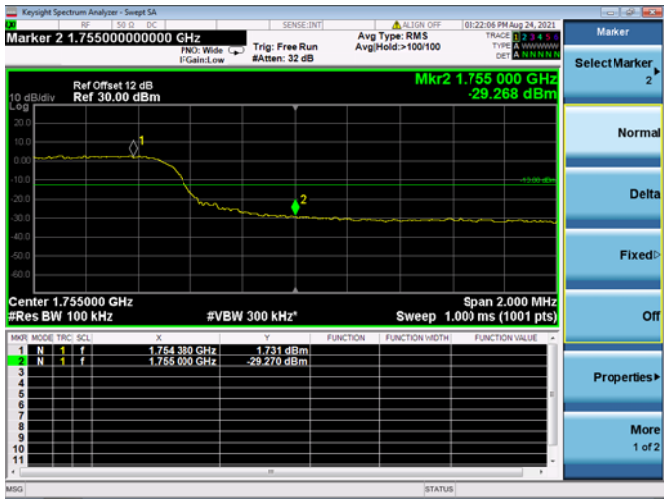
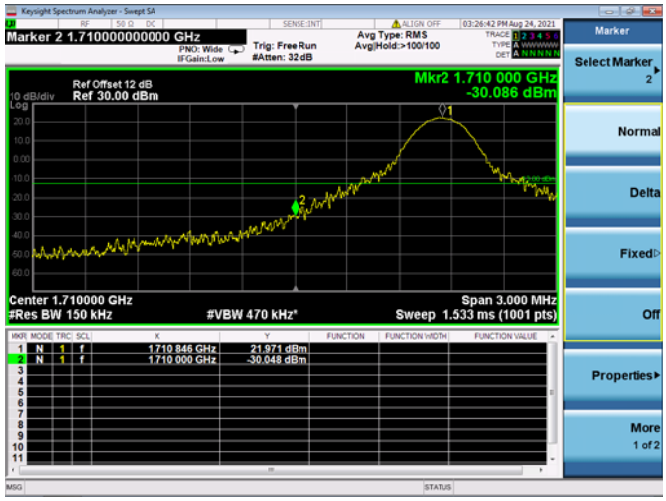
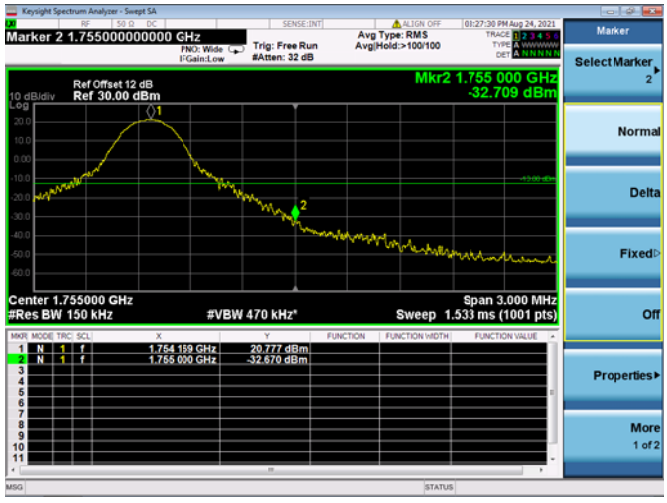
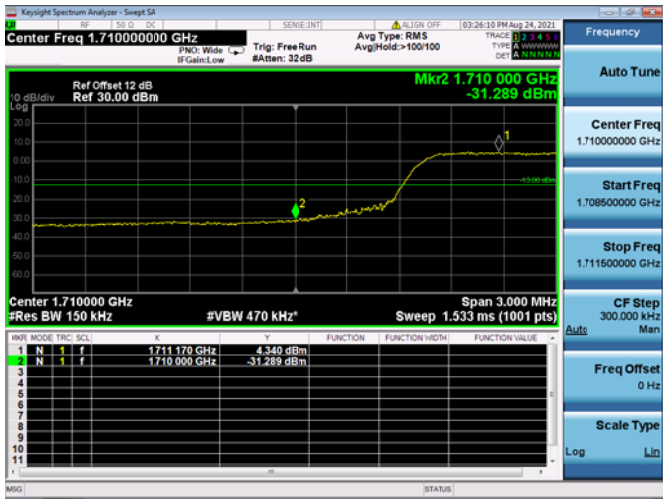
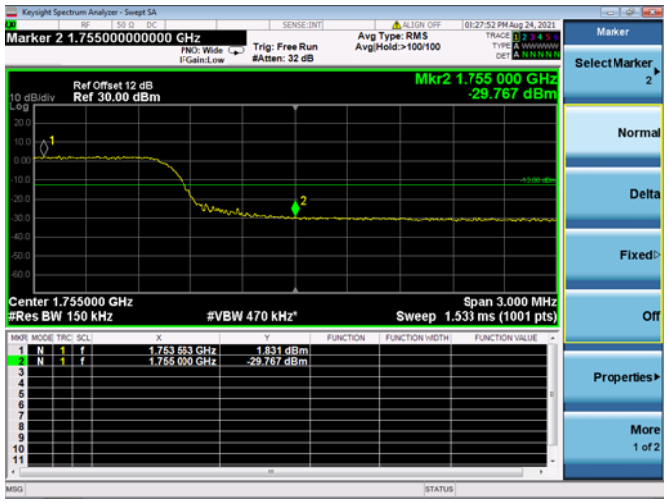
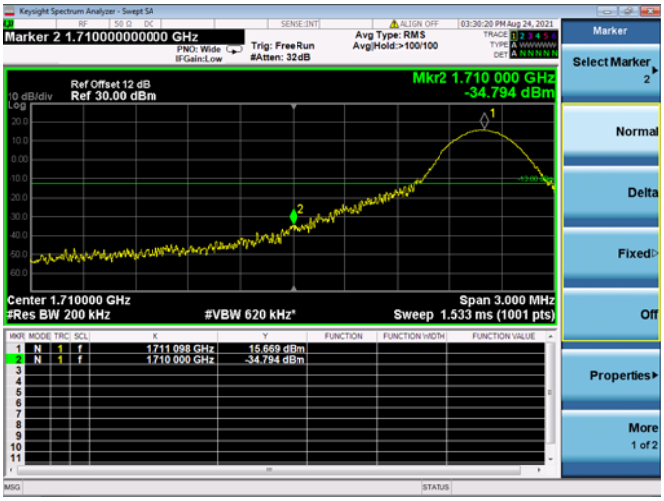
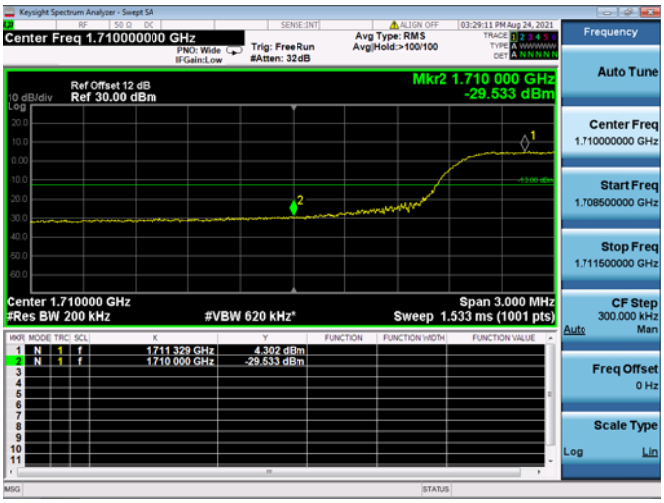
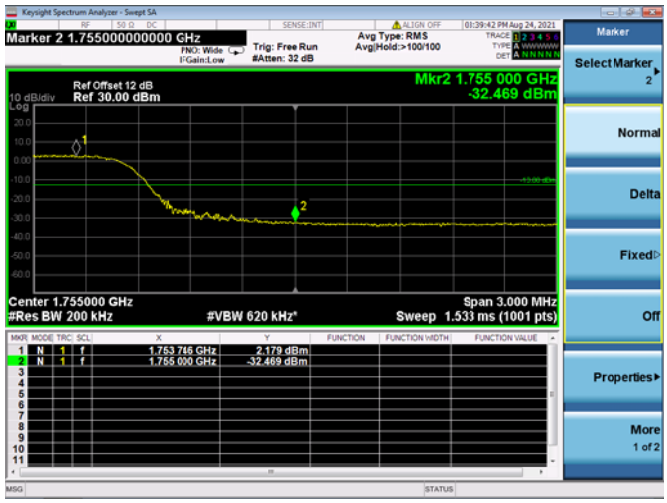
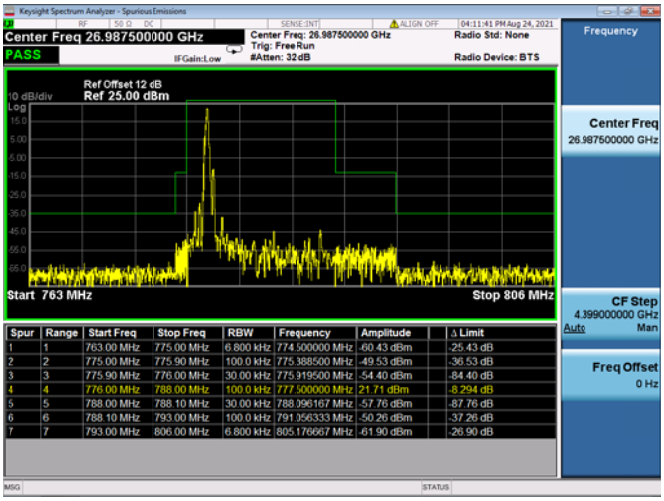
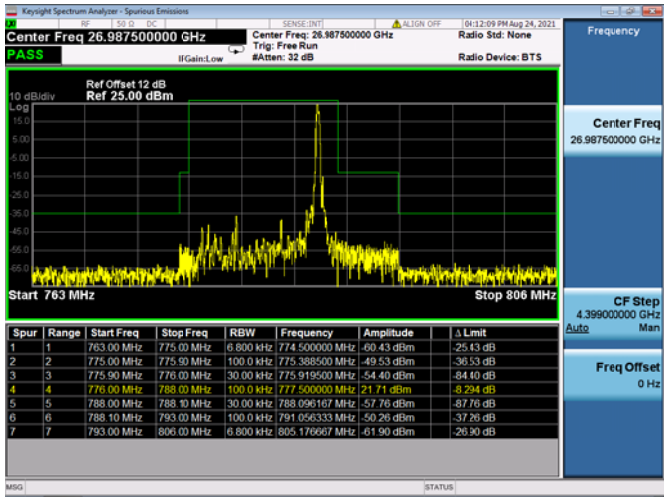
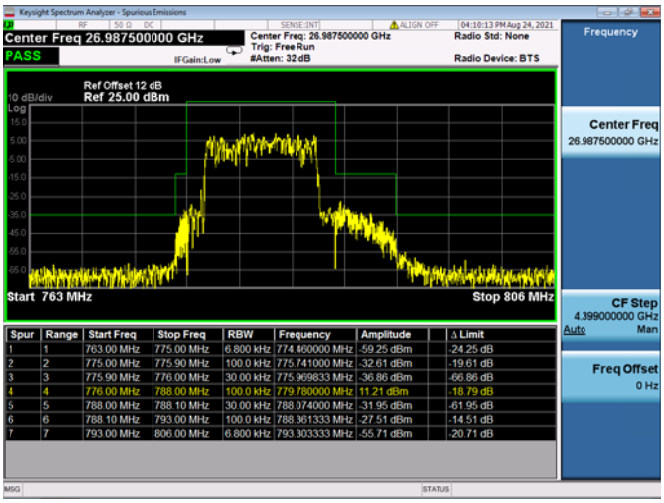
LTE ULCA_4A-13A PCC(4A)	
Channel Bandwidth: 10 MHz	
Low 1RB	High 1RB
	
Low FULL RB	High FULL RB
	

LTE ULCA_4A-13A PCC(4A)	
Channel Bandwidth: 15 MHz	
Low 1RB	High 1RB
	
Low FULL RB	High FULL RB
	

LTE ULCA_4A-13A PCC(4A)	
Channel Bandwidth: 20 MHz	
Low 1RB	High 1RB
	
Low FULL RB	High FULL RB
	

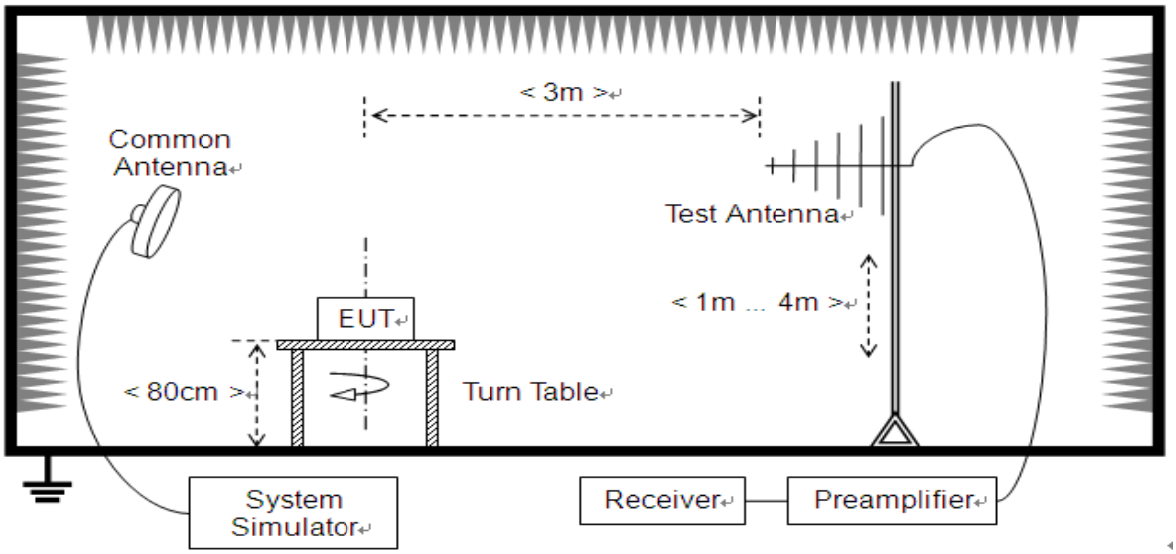
LTE ULCA_4A-13A SCC(13A)	
Channel Bandwidth: 10 MHz	
Low 1RB	High 1RB
	
FULL RB	
	N/A

2.5. Radiated Spurious Emissions

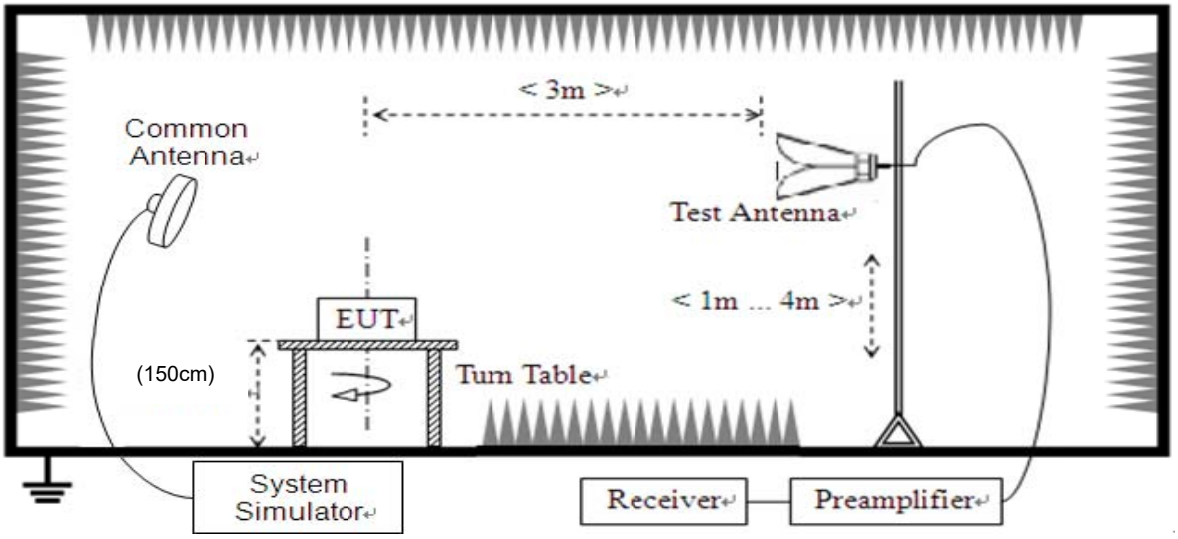
2.5.1. Requirement

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 EUTis 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:

$A_{SUBST} = P_{SUBST\_TX} - P_{SUBST\_RX} - L_{SUBST\_CABLES} + G_{SUBST\_TX\_ANT}$

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

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

P_{SUBST_TX} is signal generator level,

P_{SUBST_RX} is receiver level,

L_{SUBST_CABLES} is cable losses including TX cable,

$G_{SUBST\_TX\_ANT}$ is substitution antenna gain.

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

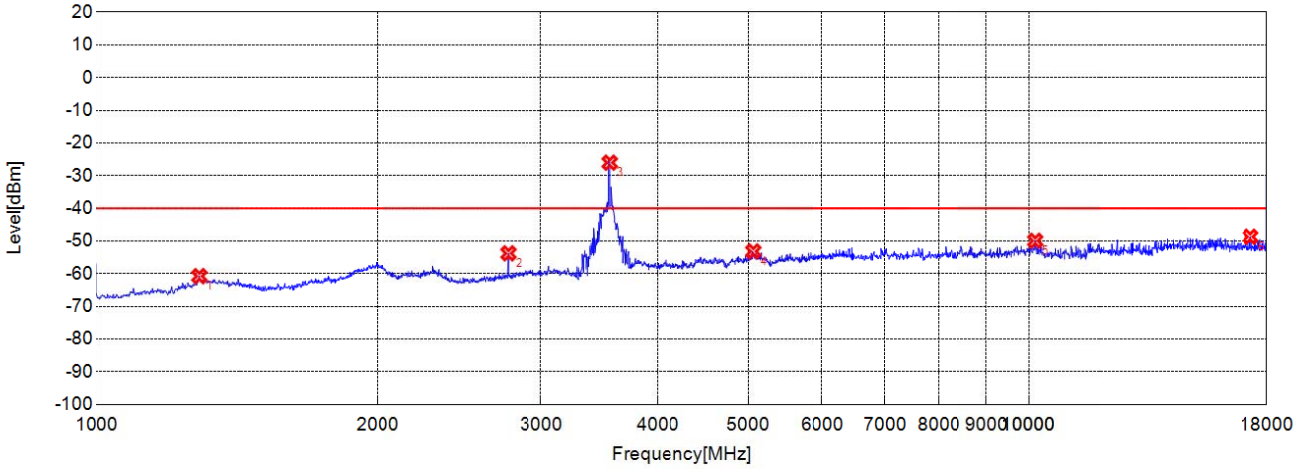
During the test, the data of A_{TOT} was added in the Test Spectrum Analyze, so Spectrum Analyze reading is the final values which contain the data of A_{TOT}.

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.

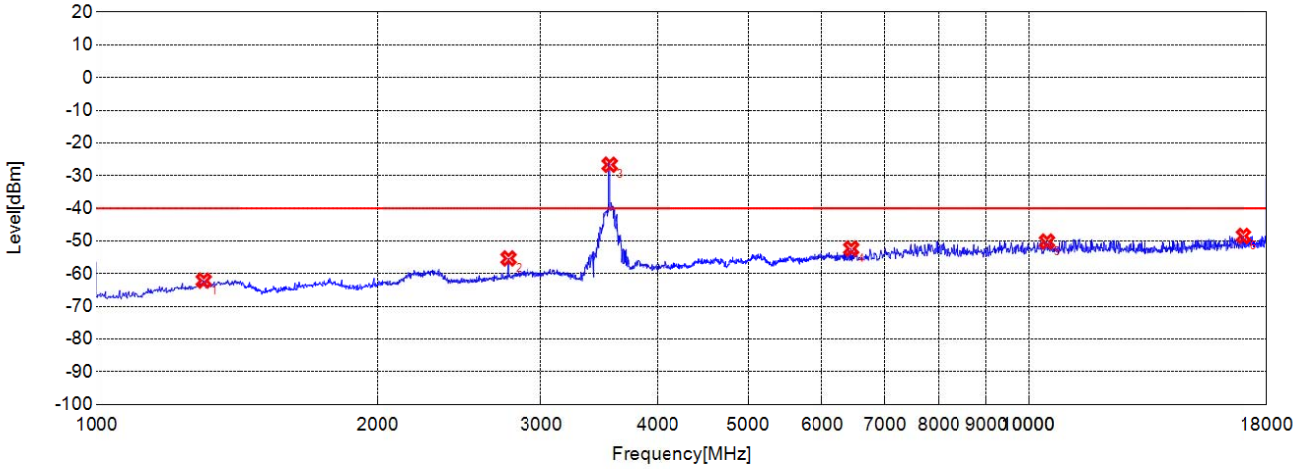
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1288.2880	-60.76	-40.00	20.76	-8.01	-45.32	37.31	Horizontal
2	2765.7660	-53.77	-40.00	13.77	-9.50	-47.56	38.06	Horizontal
3	3553.5540	-26.03	-40.00	-13.97	-8.74	-47.91	39.17	NA
4	5063.5640	-53.18	-40.00	13.18	-2.37	-43.85	41.48	Horizontal
5	10160.6610	-49.92	-40.00	9.92	12.48	-35.86	48.34	Horizontal
6	17297.7980	-48.7	-40.00	8.70	23.74	-27.88	51.62	Horizontal

CA_48C Low 48C 20M QPSK 1RB 1-18G H

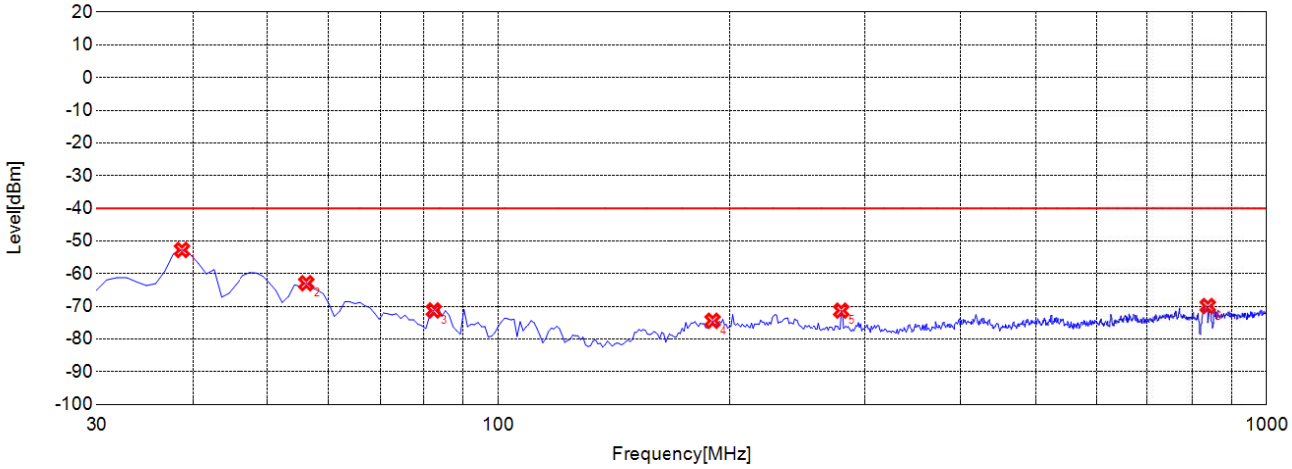
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1302.3020	-62.1	-40.00	22.10	-9.27	-45.29	36.02	Vertical
2	2765.7660	-55.33	-40.00	15.33	-9.82	-47.56	37.74	Vertical
3	3553.5540	-26.66	-40.00	-13.34	-9.28	-47.91	38.63	NA
4	6450.9510	-52.31	-40.00	12.31	0.89	-42.28	43.17	Vertical
5	10459.9600	-50.17	-40.00	10.17	12.71	-36.33	49.04	Vertical
6	16998.4980	-48.45	-40.00	8.45	24.05	-27.40	51.45	Vertical

CA_48C Low 48C 20M QPSK 1RB 1-18G V

Test Graph

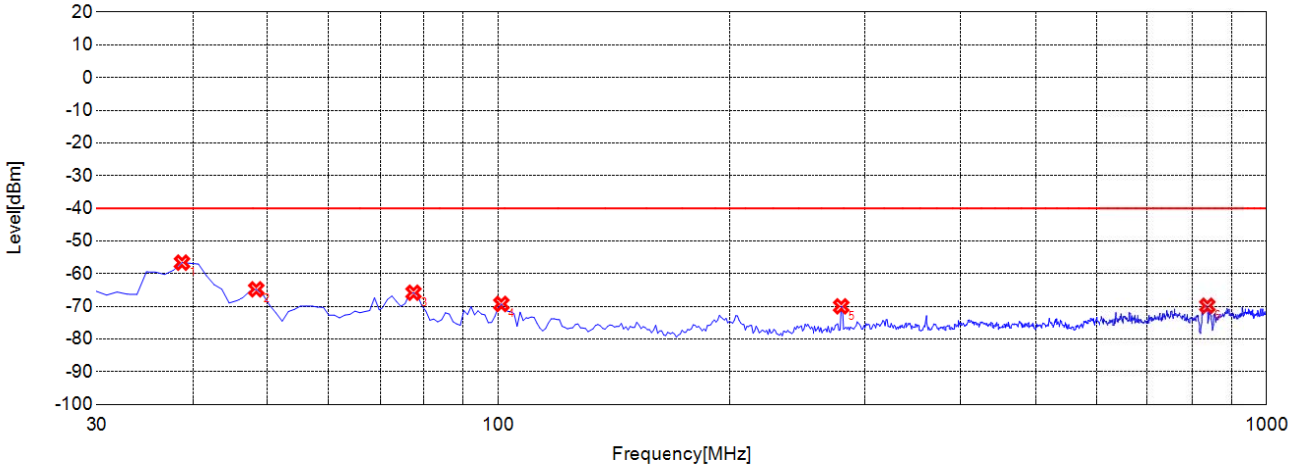


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-52.74	-40.00	12.74	-7.63	-39.55	31.92	Horizontal
2	56.2160	-62.91	-40.00	22.91	-9.45	-39.48	30.03	Horizontal
3	82.4320	-71.24	-40.00	31.24	-18.54	-39.01	20.47	Horizontal
4	190.2100	-74.4	-40.00	34.40	-14.76	-38.09	23.33	Horizontal
5	279.5400	-71.3	-40.00	31.30	-12.04	-37.04	25.00	Horizontal
6	837.8480	-69.91	-40.00	29.91	-2.56	-34.13	31.57	Horizontal

CA_48C Low 48C 20M QPSK 1RB 30M-1G H

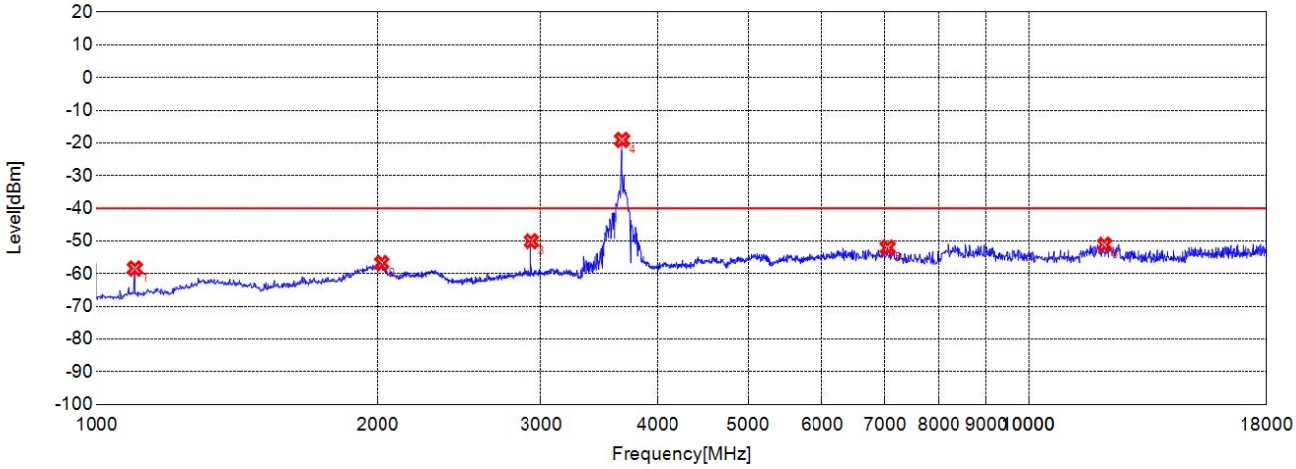
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-56.62	-40.00	16.62	-16.41	-39.55	23.14	Vertical
2	48.4480	-64.78	-40.00	24.78	-15.38	-39.47	24.09	Vertical
3	77.5780	-65.83	-40.00	25.83	-19.81	-39.21	19.40	Vertical
4	100.8810	-69.26	-40.00	29.26	-12.75	-38.70	25.95	Vertical
5	279.5400	-69.99	-40.00	29.99	-12.54	-37.04	24.50	Vertical
6	836.8770	-69.81	-40.00	29.81	-2.70	-34.13	31.43	Vertical

CA_48C Low 48C 20M QPSK 1RB 30M-1G V

Test Graph

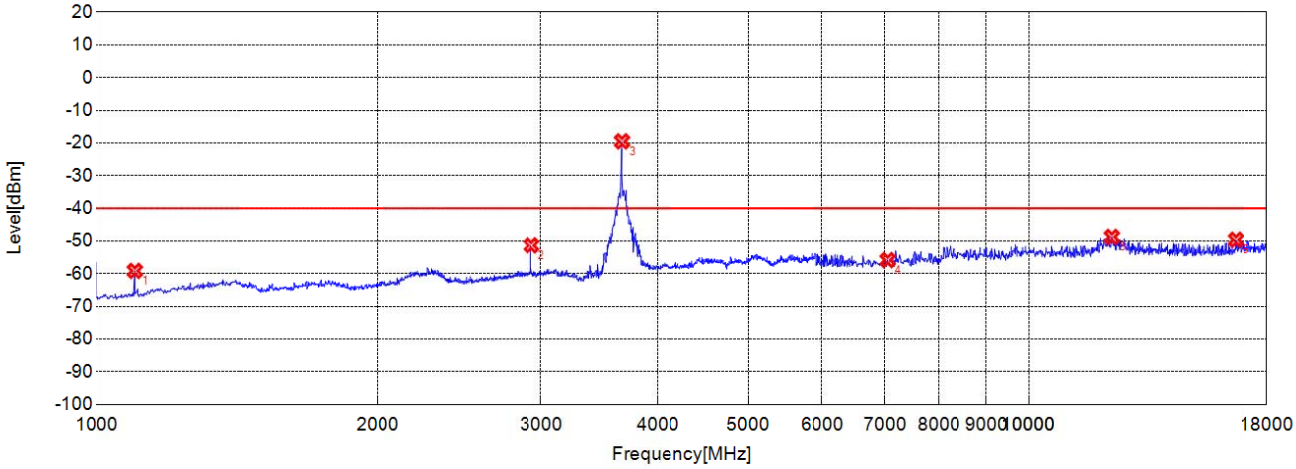


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1100.1000	-58.42	-40.00	18.42	-11.32	-45.62	34.30	Horizontal
2	2021.0210	-56.74	-40.00	16.74	-5.10	-46.46	41.36	Horizontal
3	2929.9300	-50.07	-40.00	10.07	-8.95	-47.70	38.75	Horizontal
4	3662.1620	-19.08	-40.00	-20.92	-7.95	-47.14	39.19	NA
5	7052.5530	-52.03	-40.00	12.03	6.91	-37.61	44.52	Horizontal
6	12071.5720	-51.12	-40.00	11.12	17.84	-31.62	49.46	Horizontal

CA_48C High 48C 20M QPSK 1RB 1-18G H

Test Graph

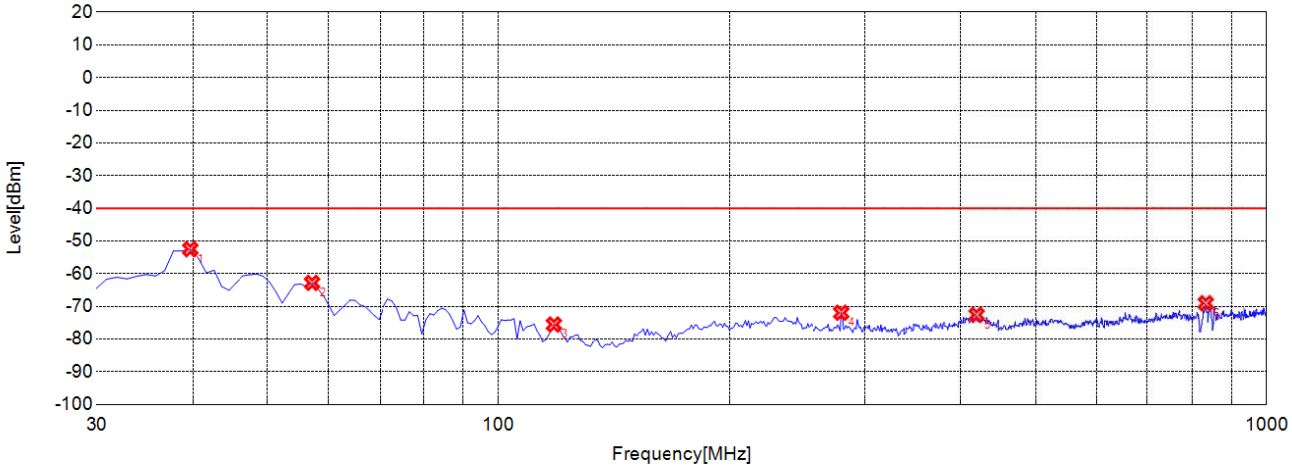


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1100.1000	-59.14	-40.00	19.14	-11.85	-45.62	33.77	Vertical
2	2929.9300	-51.32	-40.00	11.32	-9.20	-47.70	38.50	Vertical
3	3662.1620	-19.52	-40.00	-20.48	-8.21	-47.14	38.93	NA
4	7052.5530	-55.83	-40.00	15.83	6.85	-37.61	44.46	Vertical
5	12301.8020	-48.77	-40.00	8.77	17.16	-31.47	48.63	Vertical
6	16676.1760	-49.62	-40.00	9.62	22.77	-27.96	50.73	Vertical

CA_48C High 48C 20M QPSK 1RB 1-18G V

Test Graph

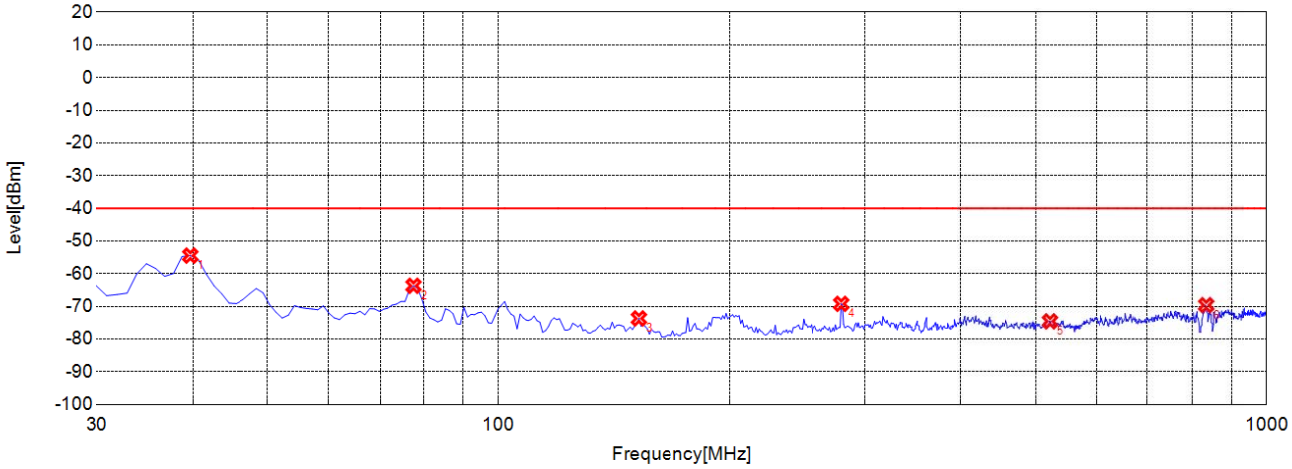


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	39.7100	-52.49	-40.00	12.49	-7.19	-39.54	32.35	Horizontal
2	57.1870	-62.81	-40.00	22.81	-9.83	-39.48	29.65	Horizontal
3	118.3580	-75.54	-40.00	35.54	-18.03	-38.61	20.58	Horizontal
4	279.5400	-71.95	-40.00	31.95	-12.04	-37.04	25.00	Horizontal
5	419.3590	-72.6	-40.00	32.60	-9.82	-35.89	26.07	Horizontal
6	832.9930	-69.04	-40.00	29.04	-2.70	-34.14	31.44	Horizontal

CA_48C High 48C 20M QPSK 1RB 30M-1G H

Test Graph

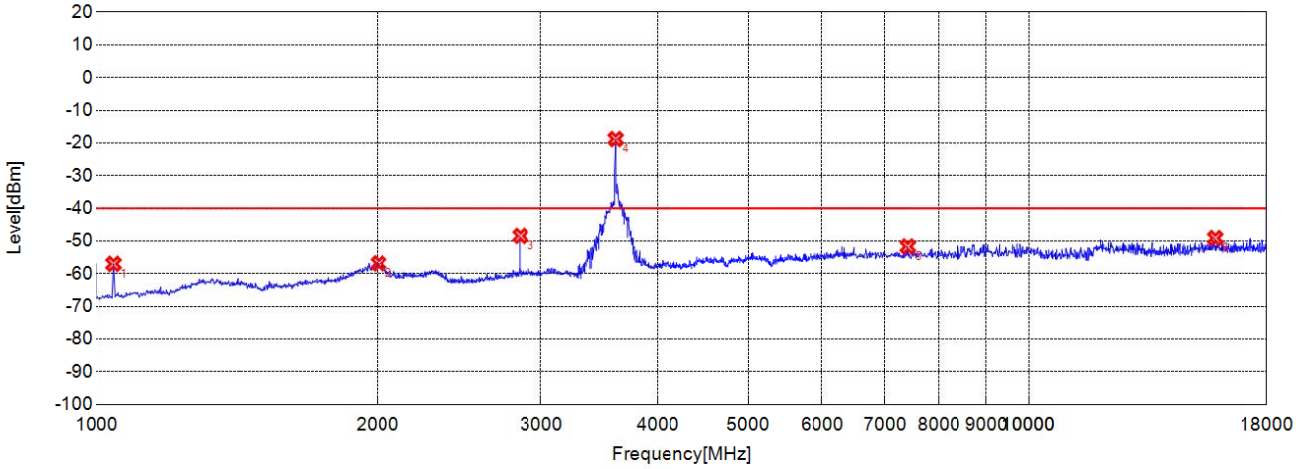


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	39.7100	-54.46	-40.00	14.46	-16.34	-39.54	23.20	Vertical
2	77.5780	-63.7	-40.00	23.70	-19.81	-39.21	19.40	Vertical
3	152.3420	-73.69	-40.00	33.69	-16.78	-38.60	21.82	Vertical
4	279.5400	-69.22	-40.00	29.22	-12.54	-37.04	24.50	Vertical
5	522.2820	-74.58	-40.00	34.58	-6.92	-35.07	28.15	Vertical
6	833.9640	-69.62	-40.00	29.62	-2.63	-34.14	31.51	Vertical

CA_48C High 48C 20M QPSK 1RB 30M-1G V

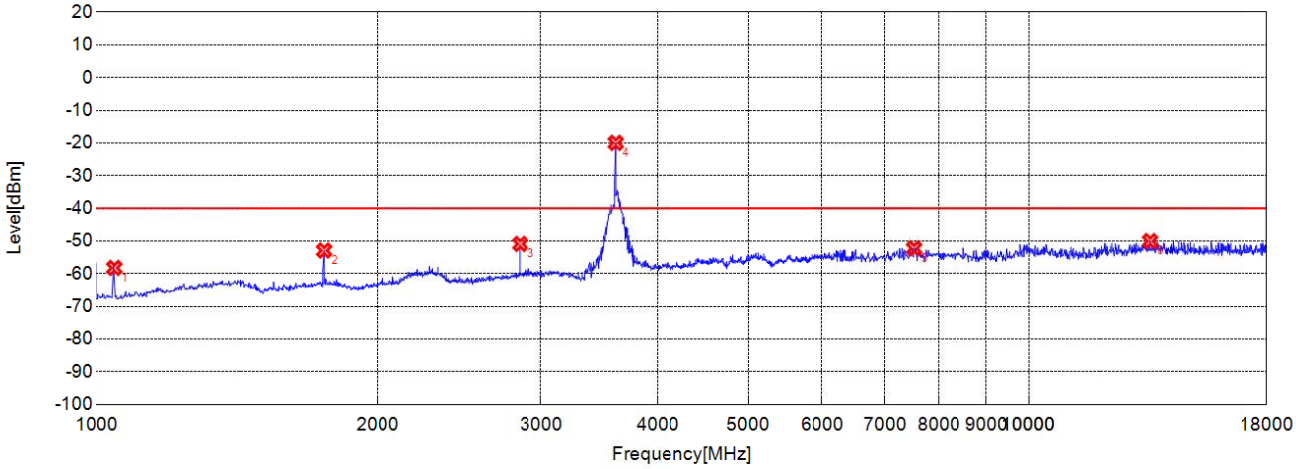
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1044.0440	-56.99	-40.00	16.99	-11.49	-45.10	33.61	Horizontal
2	2005.0050	-56.83	-40.00	16.83	-4.44	-46.32	41.88	Horizontal
3	2849.8500	-48.44	-40.00	8.44	-8.91	-47.50	38.59	Horizontal
4	3606.1060	-18.8	-40.00	-21.20	-7.70	-46.98	39.28	NA
5	7409.4090	-51.69	-40.00	11.69	8.88	-36.65	45.53	Horizontal
6	15847.3470	-49.12	-40.00	9.12	22.61	-28.02	50.63	Horizontal

CA_48C Mid 48C 20M QPSK 1RB 1-18G H

Test Graph

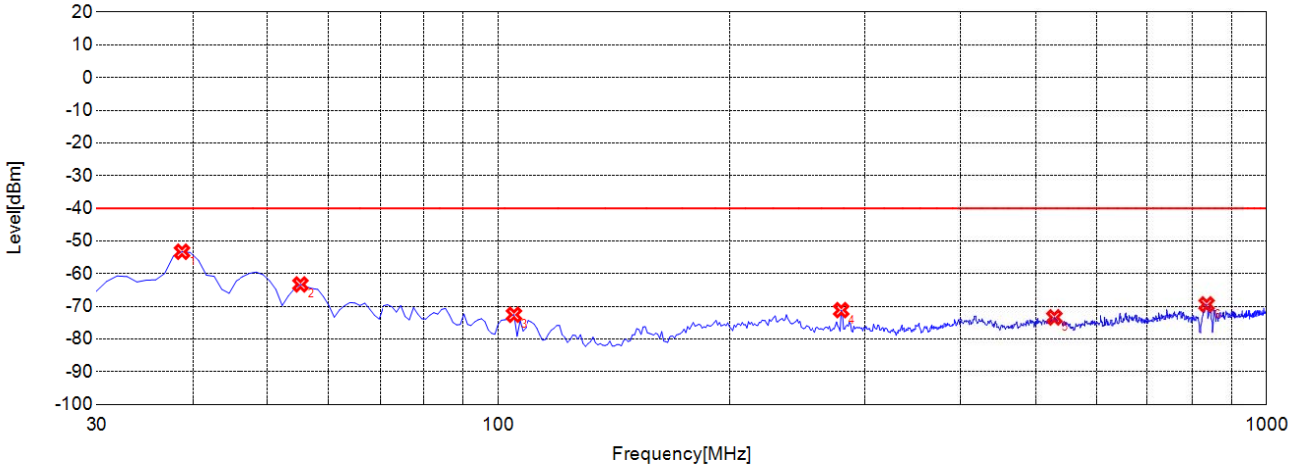


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1046.0460	-58.24	-40.00	18.24	-11.68	-45.13	33.45	Vertical
2	1752.7530	-52.91	-40.00	12.91	-9.25	-46.26	37.01	Vertical
3	2847.8480	-50.89	-40.00	10.89	-9.23	-47.52	38.29	Vertical
4	3606.1060	-19.97	-40.00	-20.03	-8.27	-46.98	38.71	NA
5	7524.5250	-52.26	-40.00	12.26	9.88	-35.76	45.64	Vertical
6	13510.5110	-50.03	-40.00	10.03	20.21	-29.58	49.79	Vertical

CA_48C Mid 48C 20M QPSK 1RB 1-18G V

Test Graph

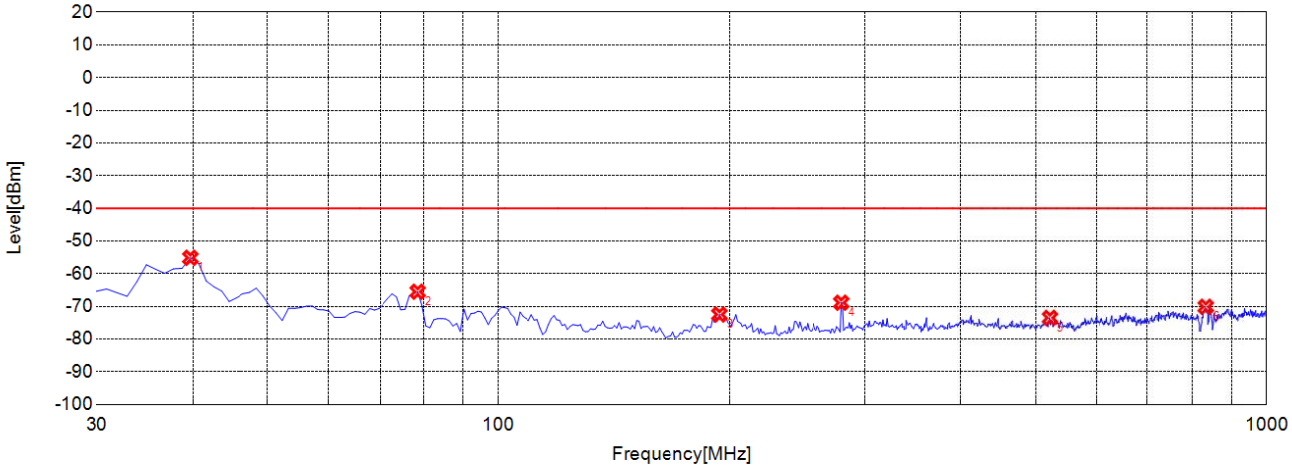


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-53.29	-40	13.29	-7.63	-39.55	31.92	Horizontal
2	55.2450	-63.28	-40	23.28	-9.07	-39.47	30.40	Horizontal
3	104.7650	-72.56	-40	32.56	-17.53	-38.70	21.17	Horizontal
4	279.5400	-71.15	-40	31.15	-12.04	-37.04	25.00	Horizontal
5	529.0790	-73.37	-40	33.37	-6.30	-35.00	28.70	Horizontal
6	834.9350	-69.39	-40	29.39	-2.65	-34.14	31.49	Horizontal

CA_48C Mid 48C 20M QPSK 1RB 30M-1G H

Test Graph

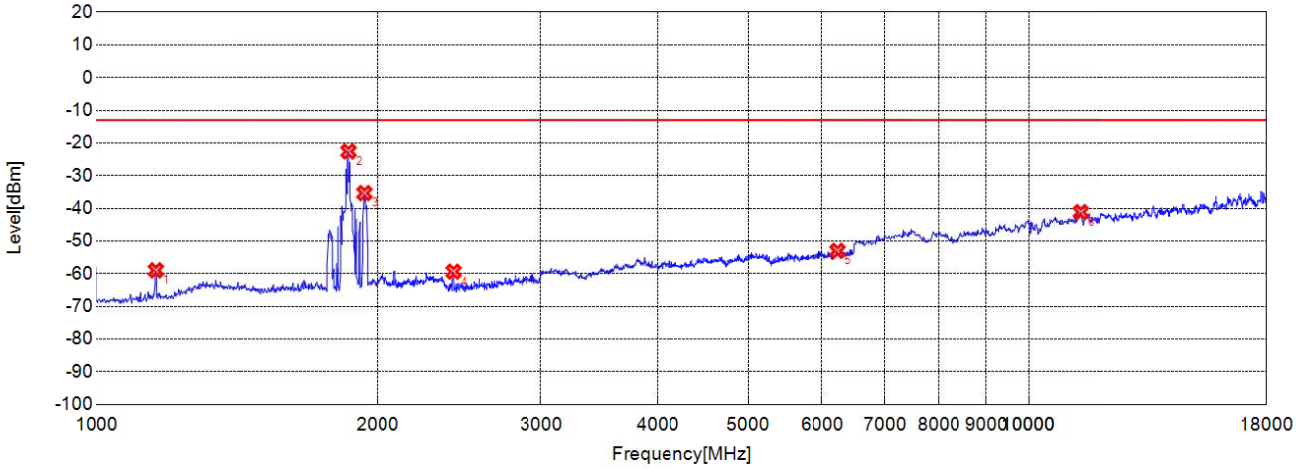


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	39.7100	-55.14	-40	15.14	-16.34	-39.54	23.20	Vertical
2	78.5490	-65.51	-40	25.51	-20.02	-39.17	19.15	Vertical
3	194.0940	-72.5	-40	32.50	-15.70	-37.99	22.29	Vertical
4	279.5400	-68.88	-40	28.88	-12.54	-37.04	24.50	Vertical
5	522.2820	-73.52	-40	33.52	-6.92	-35.07	28.15	Vertical
6	832.9930	-70.13	-40	30.13	-2.60	-34.14	31.54	Vertical

CA_48C Mid 48C 20M QPSK 1RB 30M-1G V

Test Graph

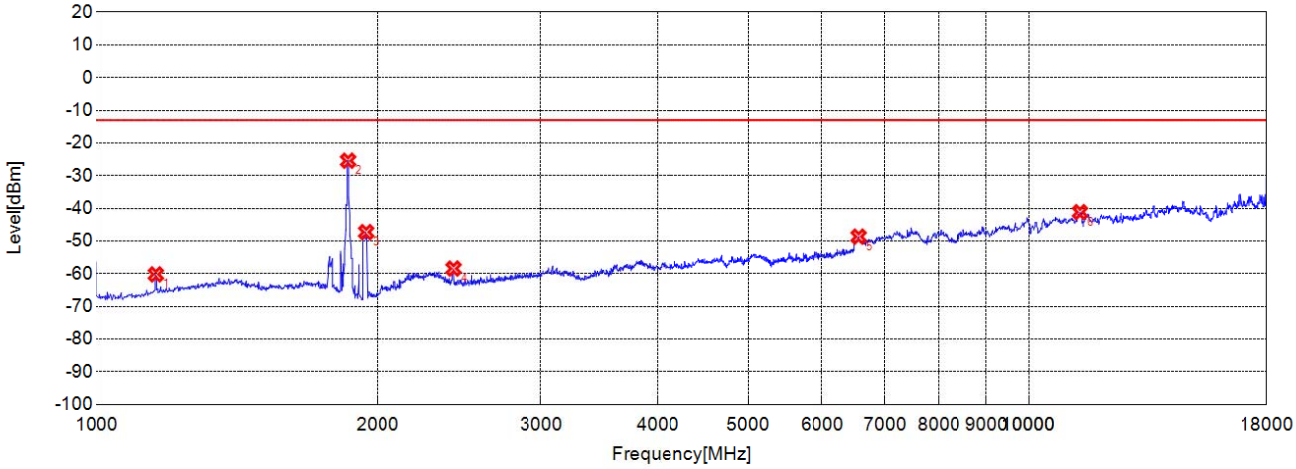


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1158.1580	-58.98	-13.00	45.98	-11.25	-45.63	34.38	Horizontal
2	1860.8610	-22.6	-13.00	9.60	-7.06	-46.68	39.62	NA
3	1934.9350	-35.36	-13.00	22.36	-5.40	-46.52	41.12	NA
4	2415.4150	-59.39	-13.00	46.39	-10.26	-47.42	37.16	Horizontal
5	6237.2370	-53.01	-13.00	40.01	-0.14	-41.95	41.81	Horizontal
6	11369.3690	-41.17	-13.00	28.17	15.93	-33.36	49.29	Horizontal

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

Test Graph

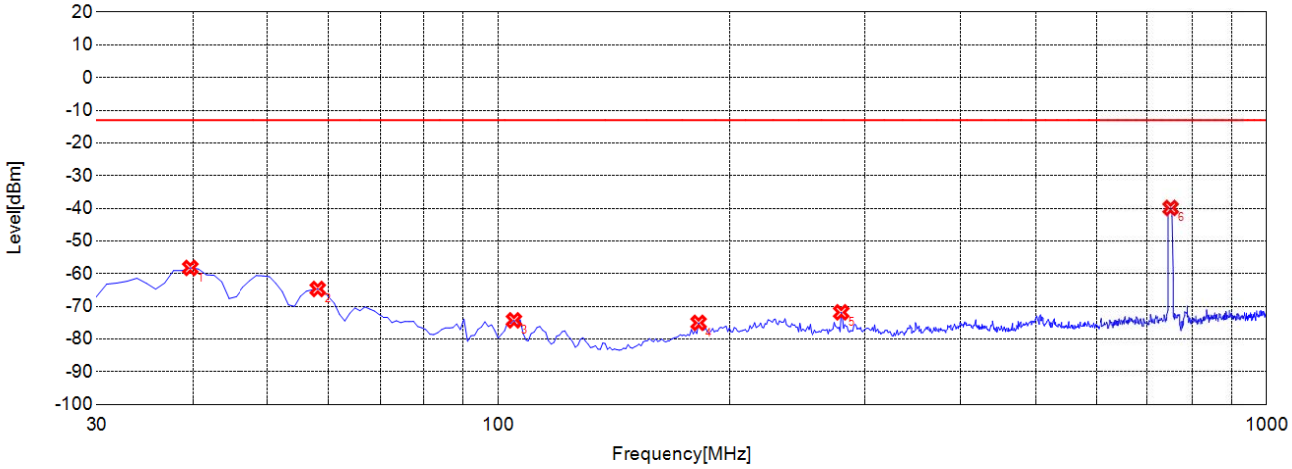


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1158.1580	-60.21	-13.00	47.21	-11.07	-45.63	34.56	Vertical
2	1858.8590	-25.44	-13.00	12.44	-10.55	-46.67	36.12	NA
3	1942.9430	-47.29	-13.00	34.29	-10.66	-46.47	35.81	NA
4	2415.4150	-58.44	-13.00	45.44	-10.37	-47.42	37.05	Vertical
5	6569.0690	-48.67	-13.00	35.67	4.53	-39.12	43.65	Vertical
6	11346.3460	-41.17	-13.00	28.17	15.68	-33.42	49.10	Vertical

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

Test Graph

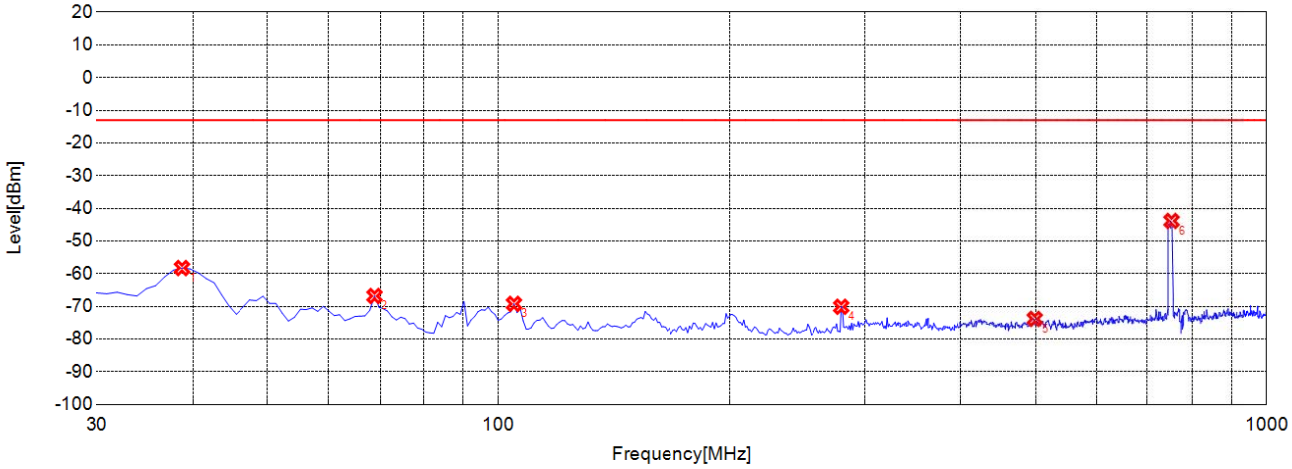


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	39.7100	-58.23	-13.00	45.23	-7.19	-39.54	32.35	Horizontal
2	58.1580	-64.67	-13.00	51.67	-10.21	-39.48	29.27	Horizontal
3	104.7650	-74.27	-13.00	61.27	-17.53	-38.70	21.17	Horizontal
4	182.4420	-75.03	-13.00	62.03	-16.70	-38.11	21.41	Horizontal
5	279.5400	-71.82	-13.00	58.82	-12.04	-37.04	25.00	Horizontal
6	750.4600	-39.88	-13.00	26.88	-2.99	-34.20	31.21	NA

CA_2A-13A Low 2A 20M 13A 10M QPSK 1RB 30M-1G H

Test Graph

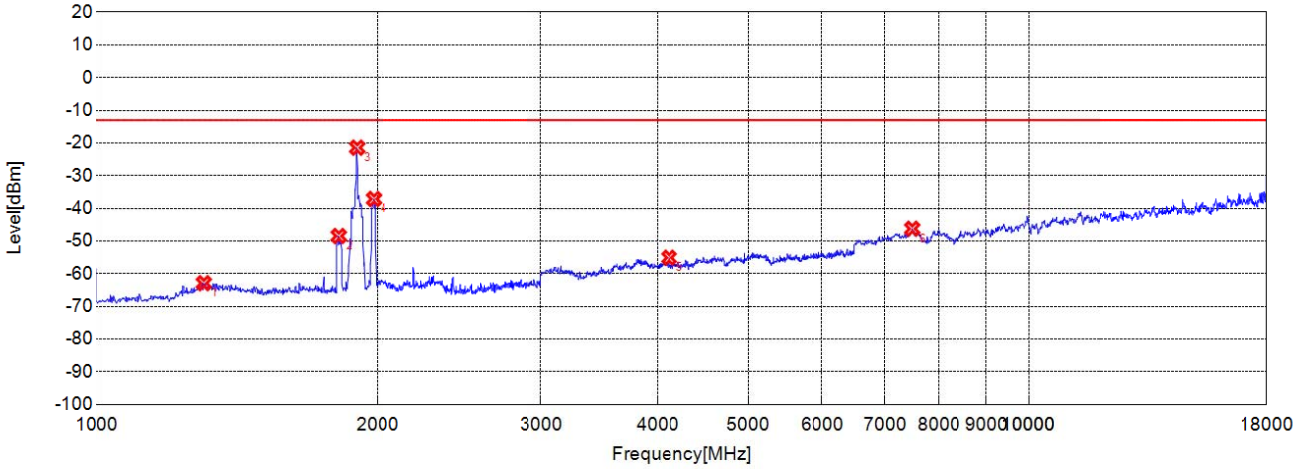


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-58.27	-13.00	45.27	-16.41	-39.55	23.14	Vertical
2	68.8390	-66.82	-13.00	53.82	-18.23	-39.51	21.28	Vertical
3	104.7650	-69.23	-13.00	56.23	-14.20	-38.70	24.50	Vertical
4	279.5400	-70.12	-13.00	57.12	-12.54	-37.04	24.50	Vertical
5	498.9790	-73.83	-13.00	60.83	-8.27	-35.27	27.00	Vertical
6	752.4020	-43.87	-13.00	30.87	-2.55	-34.20	31.65	NA

CA_2A-13A Low 2A 20M 13A 10M QPSK 1RB 30M-1G V

Test Graph

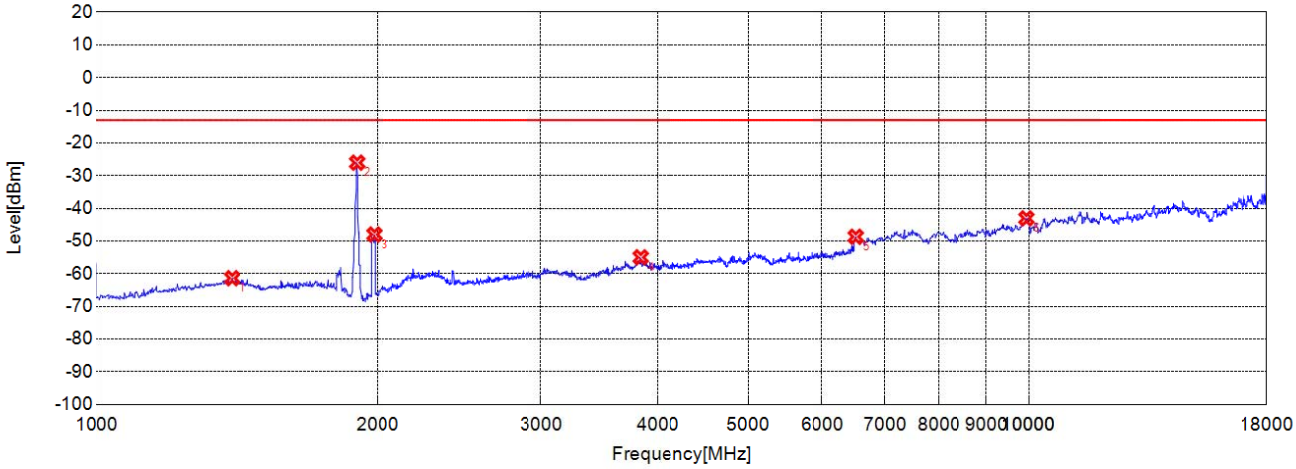


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1302.3020	-62.91	-13.00	49.91	-7.62	-45.29	37.67	Horizontal
2	1816.8170	-48.48	-13.00	35.48	-7.95	-46.44	38.49	Horizontal
3	1900.9010	-21.45	-13.00	8.45	-6.09	-46.73	40.64	NA
4	1980.9810	-37.15	-13.00	24.15	-4.56	-46.33	41.77	NA
5	4114.1140	-55.11	-13.00	42.11	-6.99	-46.92	39.93	Horizontal
6	7489.9900	-46.25	-13.00	33.25	10.46	-35.67	46.13	Horizontal

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

Test Graph

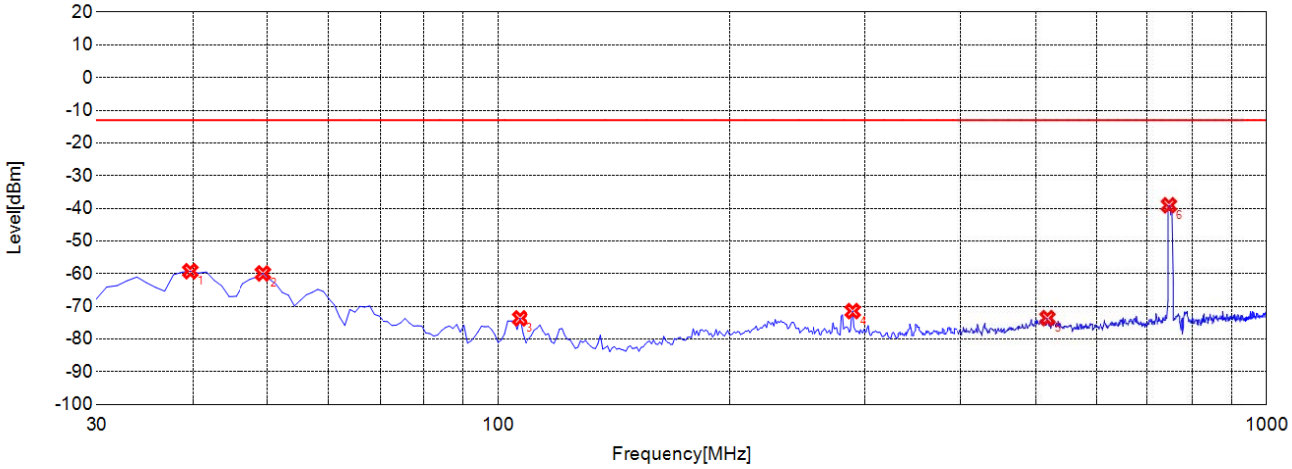


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1396.3960	-61.38	-13.00	48.38	-8.08	-45.34	37.26	Vertical
2	1900.9010	-26.04	-13.00	13.04	-11.26	-46.73	35.47	NA
3	1982.9830	-48.01	-13.00	35.01	-10.18	-46.32	36.14	NA
4	3833.8340	-54.99	-13.00	41.99	-7.57	-46.73	39.16	Vertical
5	6523.0230	-48.7	-13.00	35.70	4.62	-39.06	43.68	Vertical
6	9941.9420	-43.07	-13.00	30.07	13.42	-35.08	48.50	Vertical

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

Test Graph

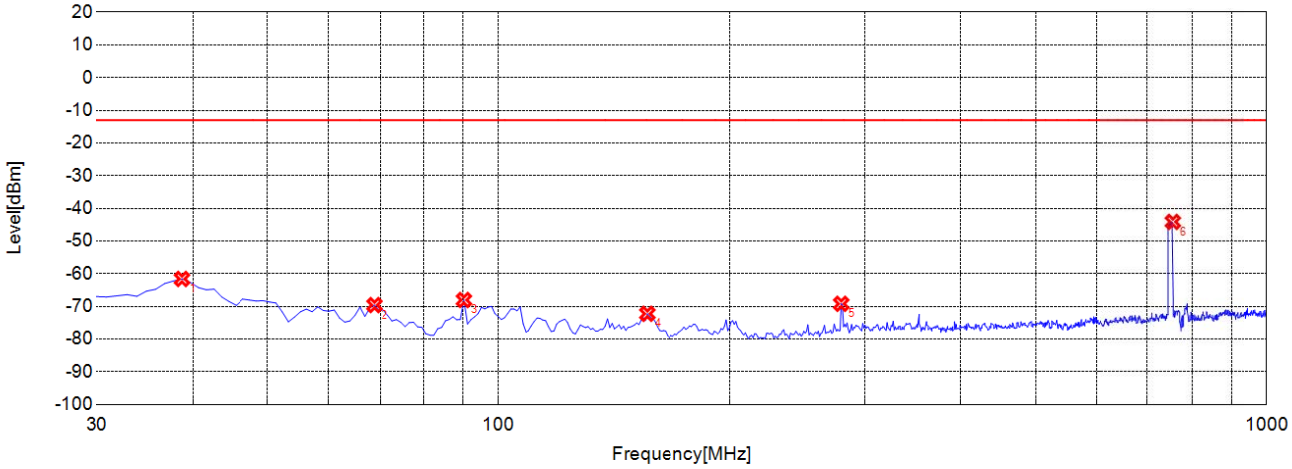


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	39.7100	-59.24	-13.00	46.24	-7.19	-39.54	32.35	Horizontal
2	49.4190	-59.92	-13.00	46.92	-7.01	-39.46	32.45	Horizontal
3	106.7070	-73.65	-13.00	60.65	-17.57	-38.69	21.12	Horizontal
4	289.2490	-71.44	-13.00	58.44	-11.78	-36.97	25.19	Horizontal
5	518.3980	-73.57	-13.00	60.57	-6.83	-35.10	28.27	Horizontal
6	746.5770	-39.06	-13.00	26.06	-3.09	-34.21	31.12	NA

CA_2A-13A High 2A 20M 13A 10M QPSK 1RB 30M-1G H

Test Graph

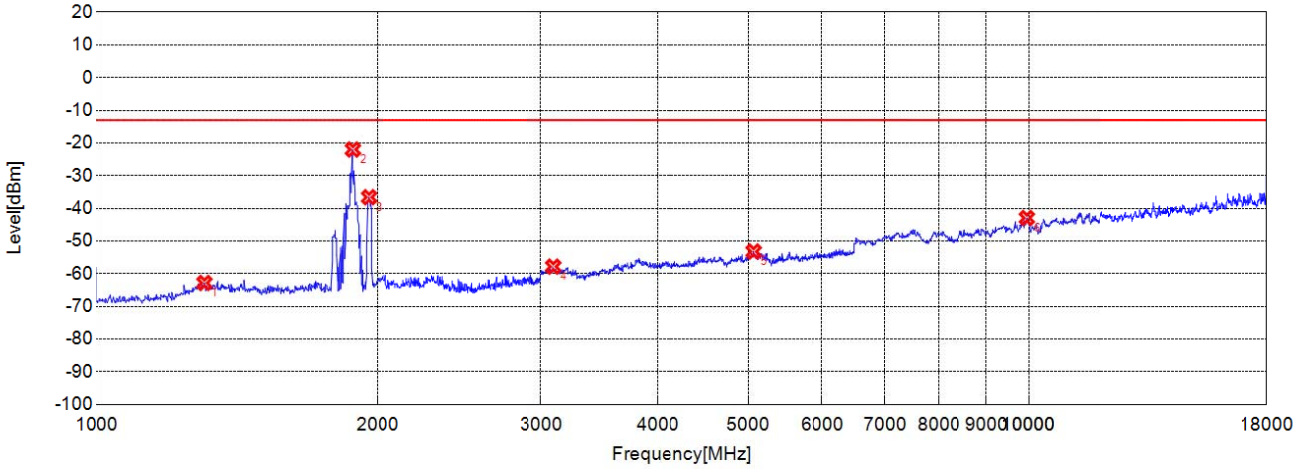


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-61.6	-13.00	48.60	-16.41	-39.55	23.14	Vertical
2	68.8390	-69.6	-13.00	56.60	-18.23	-39.51	21.28	Vertical
3	90.2000	-68.04	-13.00	55.04	-16.50	-38.71	22.21	Vertical
4	156.2260	-72.26	-13.00	59.26	-16.87	-38.49	21.62	Vertical
5	279.5400	-69.21	-13.00	56.21	-12.54	-37.04	24.50	Vertical
6	755.3150	-44.15	-13.00	31.15	-2.44	-34.20	31.76	NA

CA_2A-13A High 2A 20M 13A 10M QPSK 1RB 30M-1G V

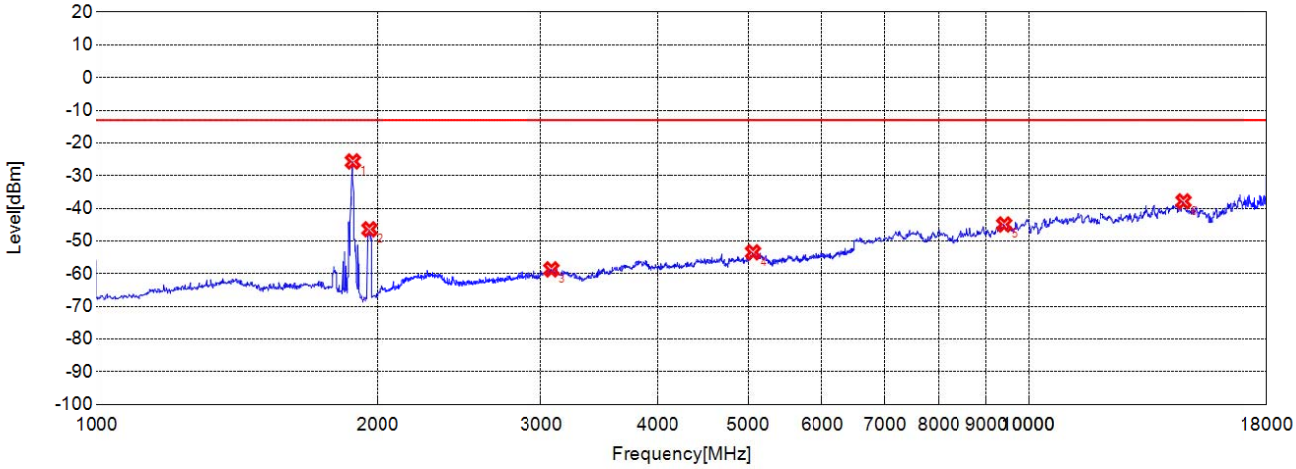
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1304.3040	-62.83	-13.00	49.83	-7.63	-45.29	37.66	Horizontal
2	1880.8810	-22.01	-13.00	9.01	-6.57	-46.71	40.14	NA
3	1956.9570	-36.6	-13.00	23.60	-4.98	-46.41	41.43	NA
4	3094.5950	-57.85	-13.00	44.85	-8.18	-47.12	38.94	Horizontal
5	5067.0670	-53.23	-13.00	40.23	-2.36	-43.85	41.49	Horizontal
6	9953.4530	-42.96	-13.00	29.96	13.50	-34.87	48.37	Horizontal

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

Test Graph

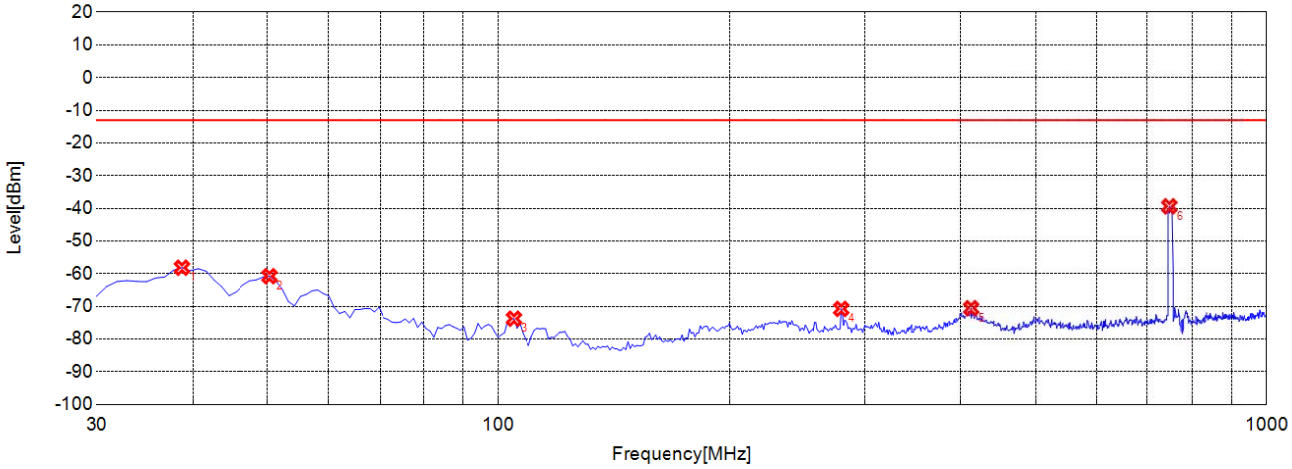


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1880.8810	-25.66	-13.00	12.66	-10.94	-46.71	35.77	NA
2	1958.9590	-46.42	-13.00	33.42	-10.46	-46.40	35.94	NA
3	3080.5810	-58.68	-13.00	45.68	-8.66	-47.22	38.56	Vertical
4	5060.0600	-53.46	-13.00	40.46	-2.52	-43.86	41.34	Vertical
5	9412.4120	-44.94	-13.00	31.94	12.36	-36.64	49.00	Vertical
6	14661.6620	-37.87	-13.00	24.87	23.10	-27.37	50.47	Vertical

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

Test Graph

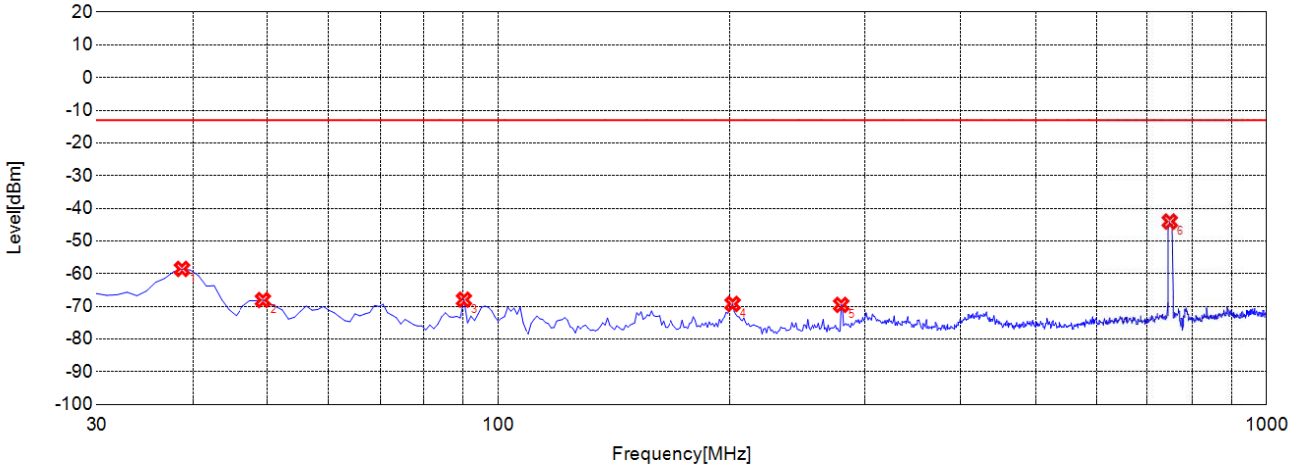


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-58.17	-13.00	45.17	-7.63	-39.55	31.92	Horizontal
2	50.3900	-60.77	-13.00	47.77	-7.16	-39.46	32.30	Horizontal
3	104.7650	-73.76	-13.00	60.76	-17.53	-38.70	21.17	Horizontal
4	279.5400	-70.77	-13.00	57.77	-12.04	-37.04	25.00	Horizontal
5	412.5630	-70.56	-13.00	57.56	-10.09	-36.04	25.95	Horizontal
6	747.5480	-39.39	-13.00	26.39	-3.07	-34.21	31.14	NA

CA_2A-13A Mid 2A 20M 13A 10M QPSK 1RB 30M-1G H

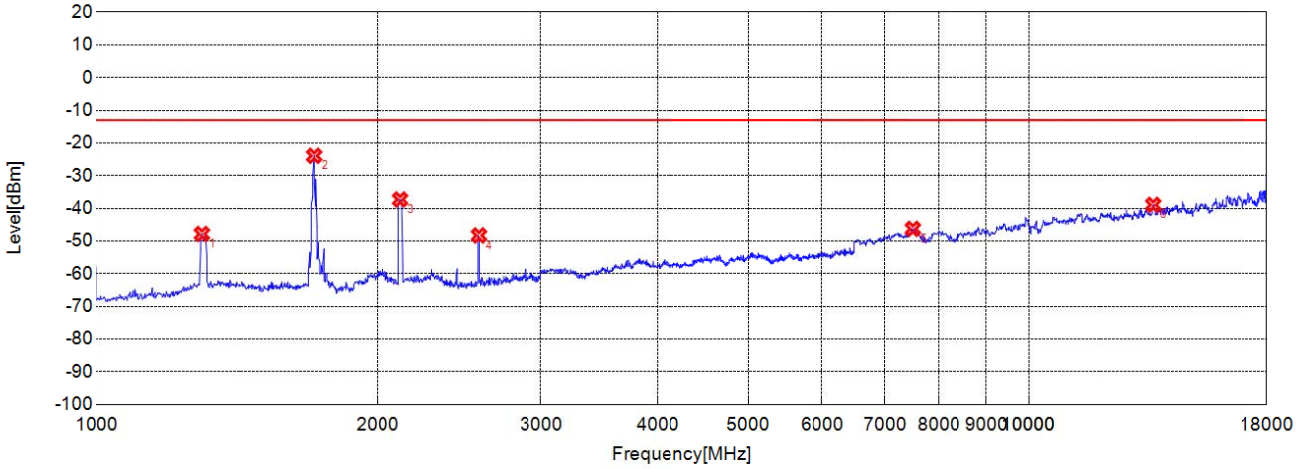
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-58.55	-13.00	45.55	-16.41	-39.55	23.14	Vertical
2	49.4190	-68.06	-13.00	55.06	-15.27	-39.46	24.19	Vertical
3	90.2000	-67.95	-13.00	54.95	-16.50	-38.71	22.21	Vertical
4	201.8620	-69.25	-13.00	56.25	-16.25	-37.79	21.54	Vertical
5	279.5400	-69.54	-13.00	56.54	-12.54	-37.04	24.50	Vertical
6	748.5190	-44.04	-13.00	31.04	-2.72	-34.21	31.49	NA

CA_2A-13A Mid 2A 20M 13A 10M QPSK 1RB 30M-1G V

Test Graph

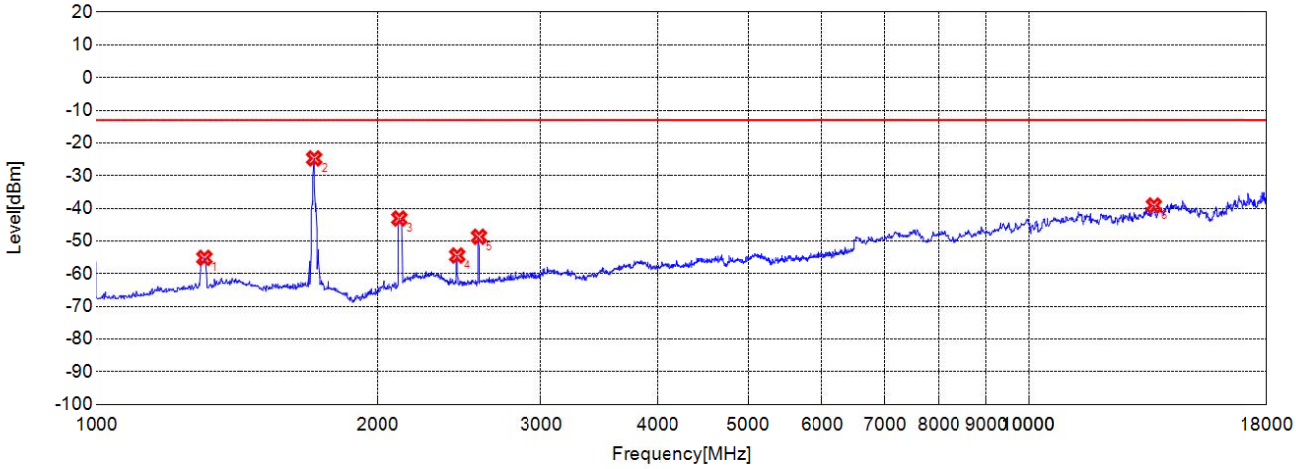


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1296.2960	-47.85	-13.00	34.85	-7.73	-45.30	37.57	Horizontal
2	1710.7110	-23.93	-13.00	10.93	-8.41	-46.34	37.93	NA
3	2117.1170	-37.29	-13.00	24.29	-8.29	-47.13	38.84	NA
4	2571.5720	-48.3	-13.00	35.30	-10.49	-47.35	36.86	Horizontal
5	7501.5020	-46.28	-13.00	33.28	10.71	-35.48	46.19	Horizontal
6	13614.1140	-38.94	-13.00	25.94	21.94	-28.19	50.13	Horizontal

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

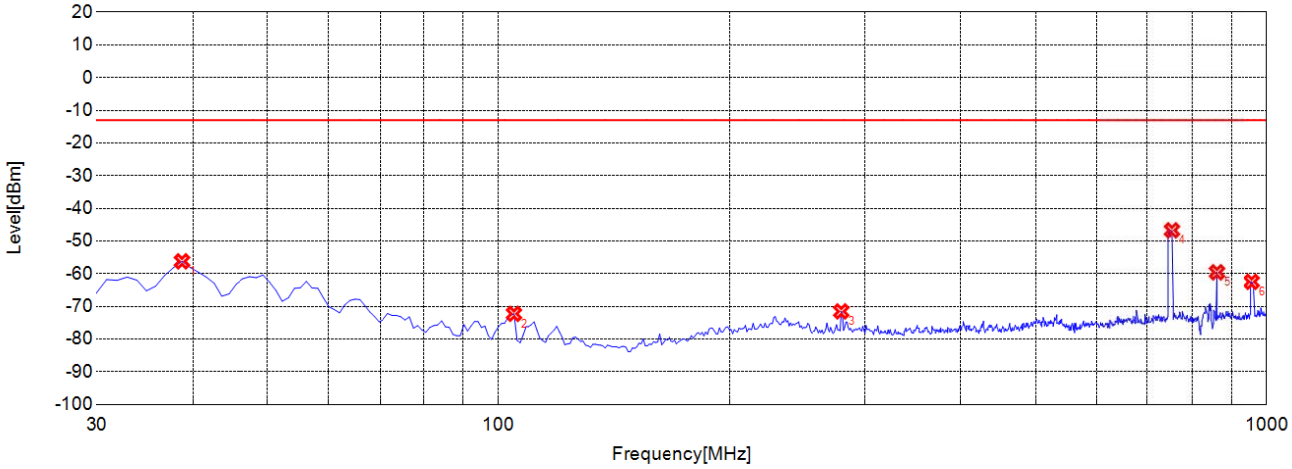
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1304.3040	-55.17	-13.00	42.17	-9.24	-45.29	36.05	Vertical
2	1710.7110	-24.73	-13.00	11.73	-9.39	-46.34	36.95	NA
3	2113.1130	-43.13	-13.00	30.13	-9.93	-47.18	37.25	NA
4	2437.4370	-54.45	-13.00	41.45	-10.45	-47.37	36.92	Vertical
5	2571.5720	-48.71	-13.00	35.71	-10.62	-47.35	36.73	Vertical
6	13637.1370	-39.15	-13.00	26.15	22.03	-27.79	49.82	Vertical

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

Test Graph

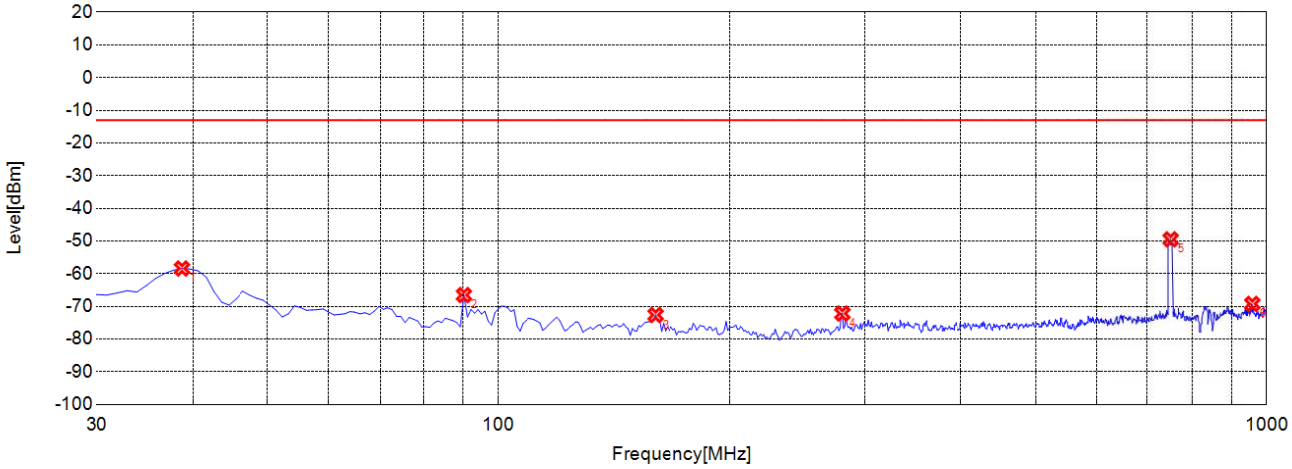


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-56.22	-13.00	43.22	-7.63	-39.55	31.92	Horizontal
2	104.7650	-72.28	-13.00	59.28	-17.53	-38.70	21.17	Horizontal
3	279.5400	-71.54	-13.00	58.54	-12.04	-37.04	25.00	Horizontal
4	753.3730	-46.73	-13.00	33.73	-2.83	-34.20	31.37	NA
5	861.1510	-59.58	-13.00	46.58	-2.31	-34.06	31.75	Horizontal
6	957.2770	-62.48	-13.00	49.48	-1.85	-34.07	32.22	Horizontal

CA_4A_13A Low 4A 20M 13A 10M QPSK 1RB 30M-1G H

Test Graph

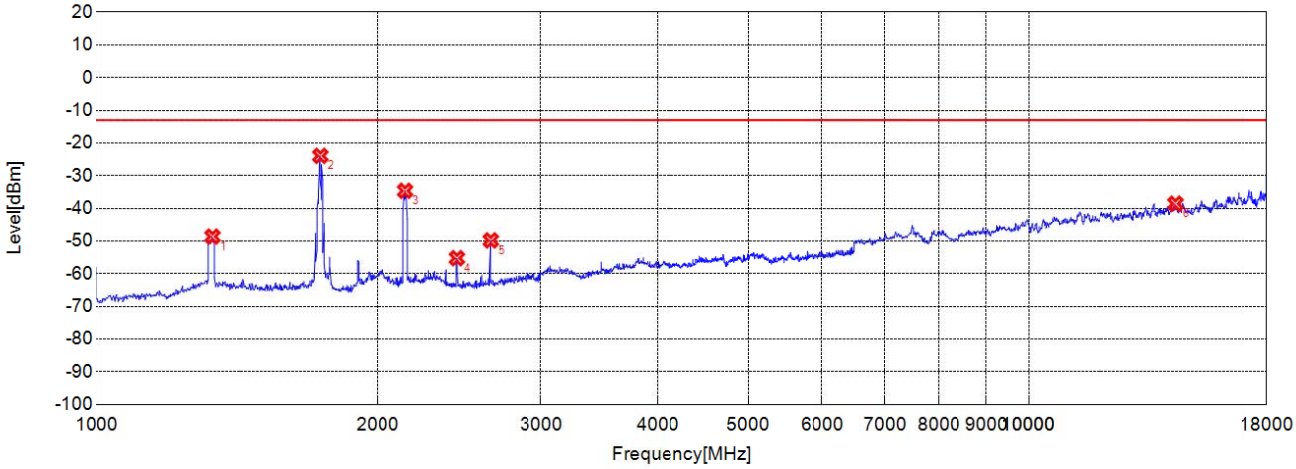


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-58.41	-13.00	45.41	-16.41	-39.55	23.14	Vertical
2	90.2000	-66.53	-13.00	53.53	-16.50	-38.71	22.21	Vertical
3	160.1100	-72.62	-13.00	59.62	-16.96	-38.39	21.43	Vertical
4	280.5110	-72.19	-13.00	59.19	-12.48	-37.03	24.55	Vertical
5	750.4600	-49.49	-13.00	36.49	-2.61	-34.20	31.59	NA
6	959.2190	-69.24	-13.00	56.24	-1.56	-34.07	32.51	Vertical

CA_4A_13A Low 4A 20M 13A 10M QPSK 1RB 30M-1G V

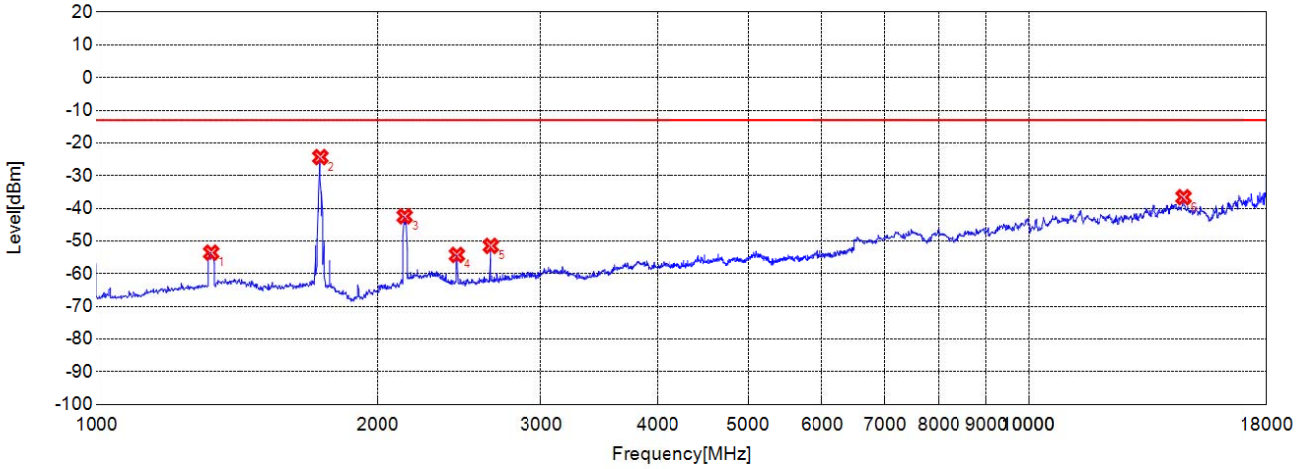
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1330.3300	-48.65	-13.00	35.65	-7.84	-45.28	37.44	Horizontal
2	1736.7370	-23.95	-13.00	10.95	-8.32	-46.29	37.97	NA
3	2143.1430	-34.64	-13.00	21.64	-7.89	-46.81	38.92	NA
4	2435.4350	-55.25	-13.00	42.25	-10.32	-47.37	37.05	Horizontal
5	2647.6480	-49.81	-13.00	36.81	-10.18	-47.28	37.10	Horizontal
6	14373.8740	-38.59	-13.00	25.59	22.43	-27.49	49.92	Horizontal

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

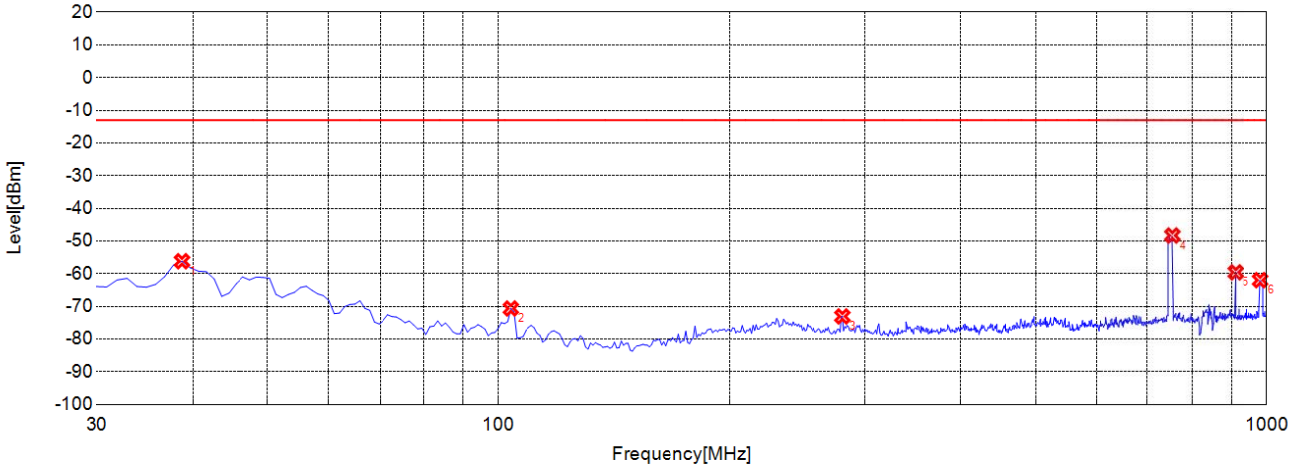
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1326.3260	-53.57	-13.00	40.57	-8.94	-45.28	36.34	Vertical
2	1736.7370	-24.34	-13.00	11.34	-9.30	-46.29	36.99	NA
3	2141.1410	-42.46	-13.00	29.46	-8.85	-46.83	37.98	NA
4	2435.4350	-54.25	-13.00	41.25	-10.44	-47.37	36.93	Vertical
5	2647.6480	-51.5	-13.00	38.50	-10.37	-47.28	36.91	Vertical
6	14661.6620	-36.61	-13.00	23.61	23.10	-27.37	50.47	Vertical

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

Test Graph

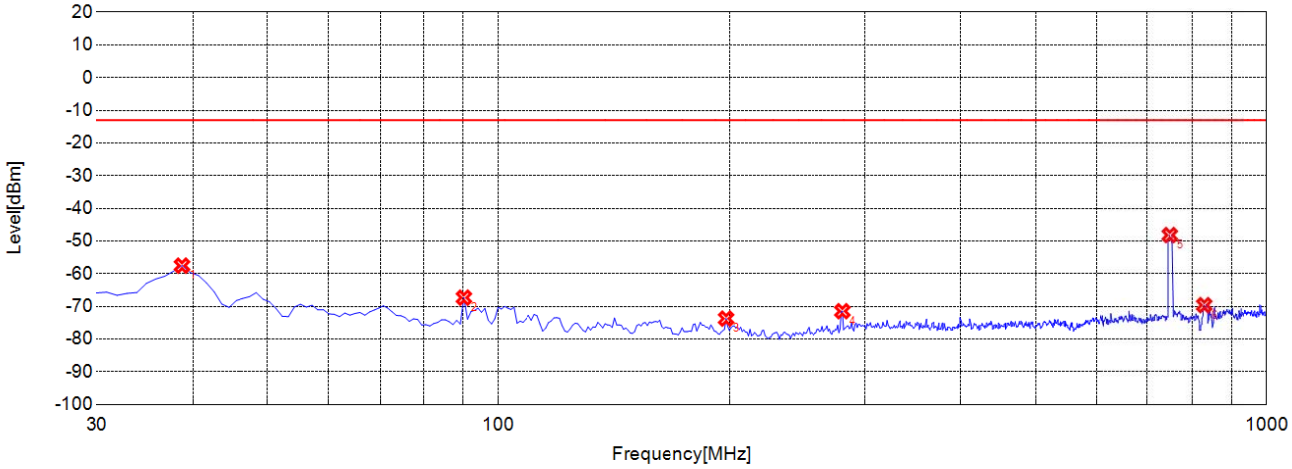


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-56.19	-13.00	43.19	-7.63	-39.55	31.92	Horizontal
2	103.7940	-70.64	-13.00	57.64	-17.50	-38.70	21.20	Horizontal
3	280.5110	-73.07	-13.00	60.07	-12.02	-37.03	25.01	Horizontal
4	754.3440	-48.31	-13.00	35.31	-2.78	-34.20	31.42	NA
5	910.6710	-59.59	-13.00	46.59	-1.95	-33.99	32.04	Horizontal
6	981.5520	-61.98	-13.00	48.98	-1.39	-34.05	32.66	Horizontal

CA_4A_13A High 4A 20M 13A 10M QPSK 1RB 30M-1G H

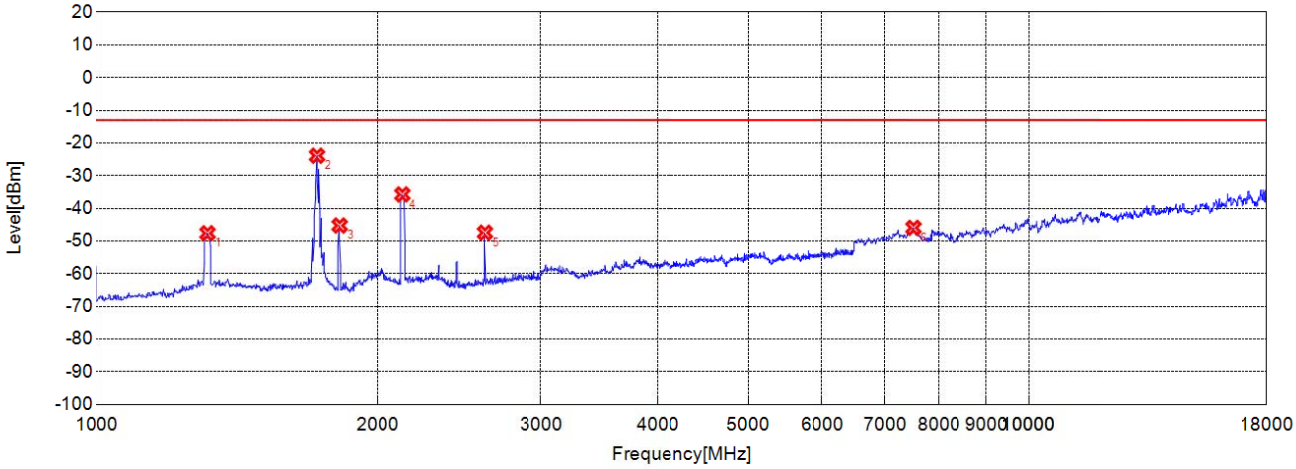
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-57.53	-13.00	44.53	-16.41	-39.55	23.14	Vertical
2	90.2000	-67.33	-13.00	54.33	-16.50	-38.71	22.21	Vertical
3	197.9780	-73.74	-13.00	60.74	-15.99	-37.89	21.90	Vertical
4	280.5110	-71.47	-13.00	58.47	-12.48	-37.03	24.55	Vertical
5	748.5190	-48.19	-13.00	35.19	-2.72	-34.21	31.49	NA
6	829.1090	-69.62	-13.00	56.62	-2.57	-34.15	31.58	Vertical

CA_4A_13A High 4A 20M 13A 10M QPSK 1RB 30M-1G V

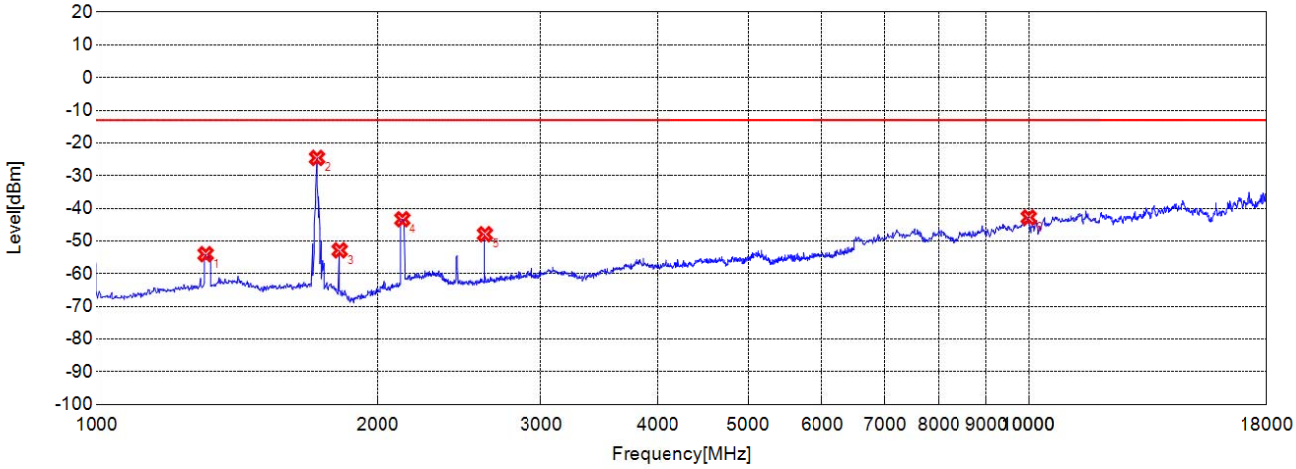
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1314.3140	-47.64	-13.00	34.64	-7.71	-45.28	37.57	Horizontal
2	1722.7230	-23.91	-13.00	10.91	-8.36	-46.31	37.95	NA
3	1820.8210	-45.27	-13.00	32.27	-7.87	-46.47	38.60	Horizontal
4	2129.1290	-35.75	-13.00	22.75	-8.10	-46.98	38.88	NA
5	2609.6100	-47.46	-13.00	34.46	-10.13	-47.09	36.96	Horizontal
6	7513.0130	-45.98	-13.00	32.98	10.44	-35.62	46.06	Horizontal

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

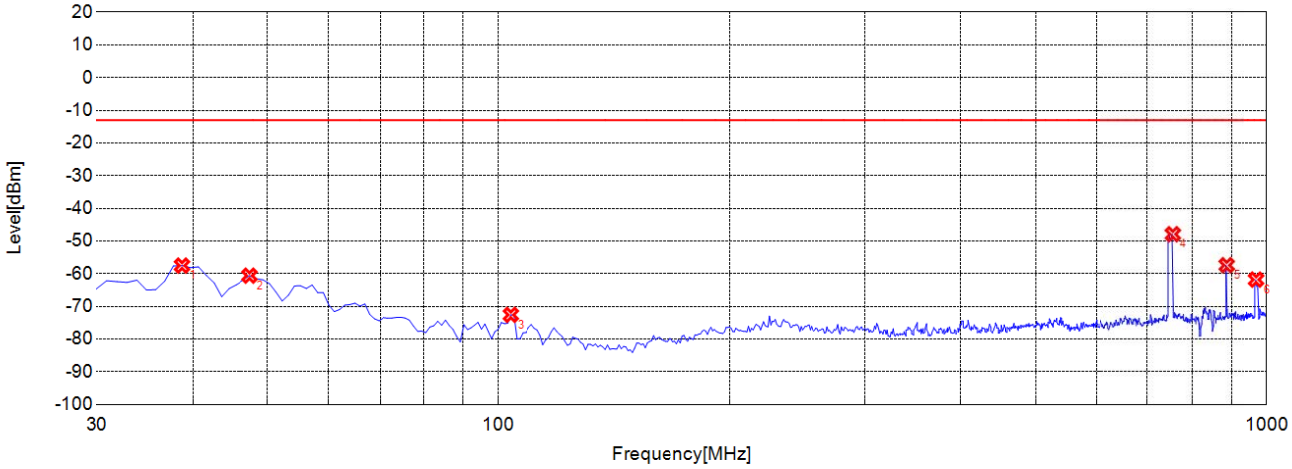
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1308.3080	-54.04	-13.00	41.04	-9.19	-45.29	36.10	Vertical
2	1722.7230	-24.58	-13.00	11.58	-9.34	-46.31	36.97	NA
3	1820.8210	-52.85	-13.00	39.85	-9.74	-46.47	36.73	Vertical
4	2129.1290	-43.34	-13.00	30.34	-9.31	-46.98	37.67	NA
5	2609.6100	-47.91	-13.00	34.91	-10.27	-47.09	36.82	Vertical
6	9999.4990	-42.81	-13.00	29.81	14.25	-34.22	48.47	Vertical

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

Test Graph

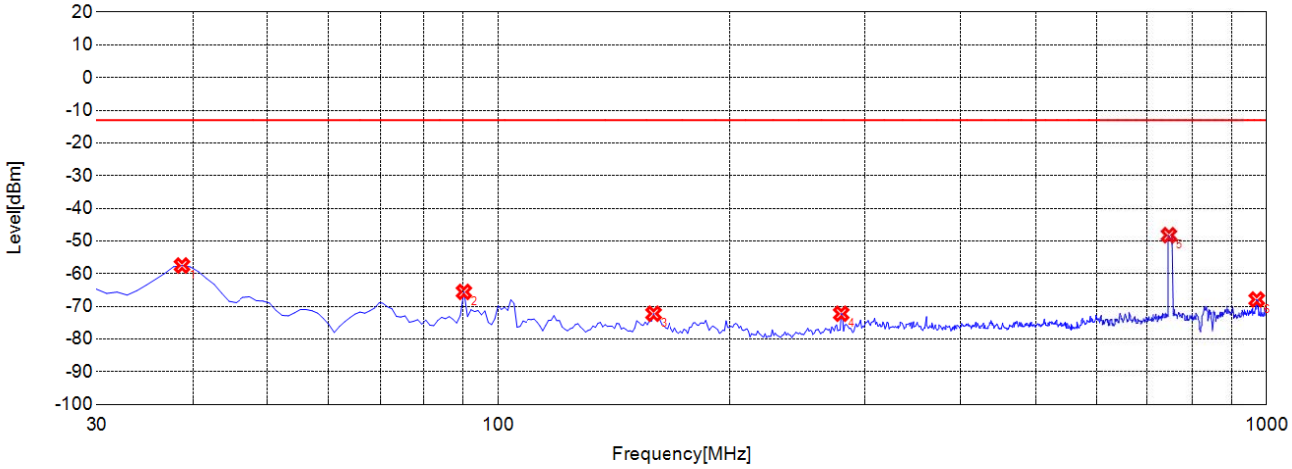


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-57.51	-13.00	44.51	-7.63	-39.55	31.92	Horizontal
2	47.4770	-60.6	-13.00	47.60	-7.02	-39.48	32.46	Horizontal
3	103.7940	-72.59	-13.00	59.59	-17.50	-38.70	21.20	Horizontal
4	755.3150	-47.92	-13.00	34.92	-2.72	-34.20	31.48	NA
5	886.3960	-57.41	-13.00	44.41	-2.06	-34.00	31.94	NA
6	969.9000	-61.81	-13.00	48.81	-1.73	-34.06	32.33	Horizontal

CA_4A_13A Mid 4A 20M 13A 10M QPSK 1RB 30M-1G H

Test Graph

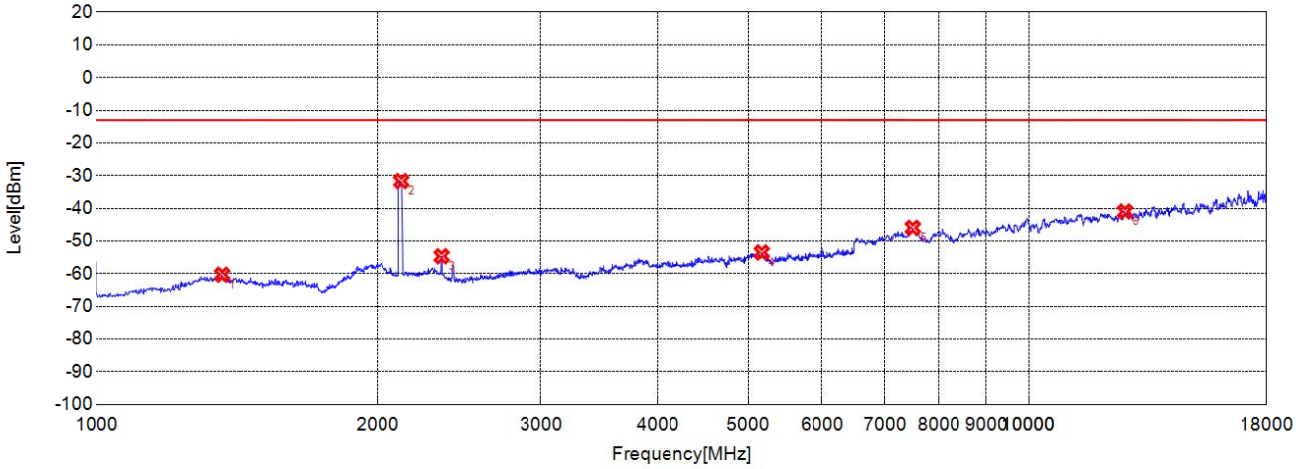


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-57.5	-13.00	44.50	-16.41	-39.55	23.14	Vertical
2	90.2000	-65.58	-13.00	52.58	-16.50	-38.71	22.21	Vertical
3	159.1390	-72.24	-13.00	59.24	-16.94	-38.41	21.47	Vertical
4	279.5400	-72.25	-13.00	59.25	-12.54	-37.04	24.50	Vertical
5	746.5770	-48.22	-13.00	35.22	-2.84	-34.21	31.37	NA
6	971.8420	-67.89	-13.00	54.89	-1.80	-34.06	32.26	Vertical

CA_4A_13A Mid 4A 20M 13A 10M QPSK 1RB 30M-1G V

Test Graph

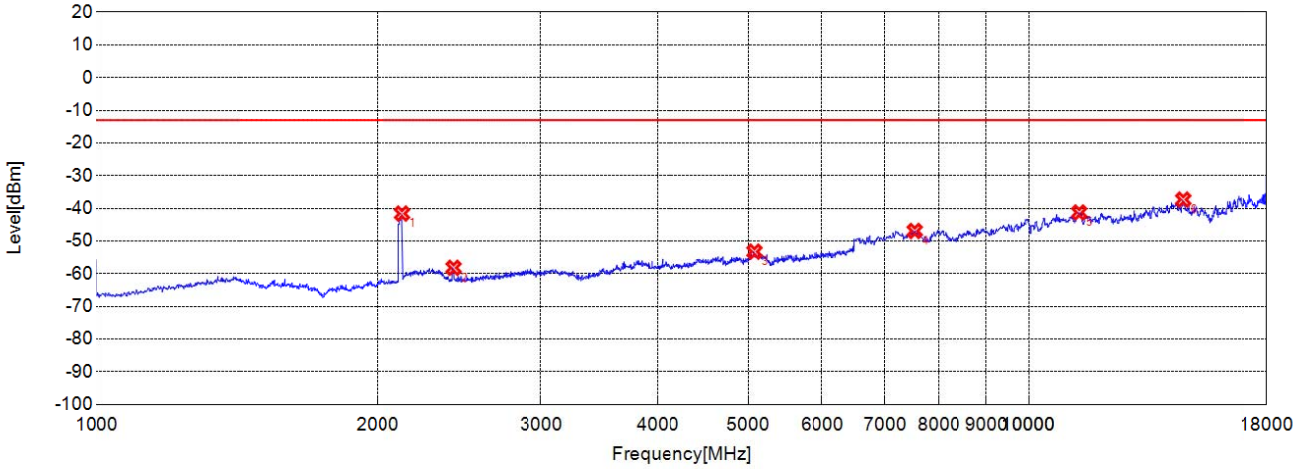


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1362.3620	-60.3	-13.00	47.30	-8.11	-45.29	37.18	Horizontal
2	2123.1230	-31.69	-13.00	18.69	-8.19	-47.05	38.86	NA
3	2345.3450	-54.67	-13.00	41.67	-8.15	-46.53	38.38	Horizontal
4	5168.6690	-53.49	-13.00	40.49	-2.29	-43.57	41.28	Horizontal
5	7501.5020	-45.97	-13.00	32.97	10.71	-35.48	46.19	Horizontal
6	12704.7050	-40.99	-13.00	27.99	19.73	-29.74	49.47	Horizontal

CA_13A-66A Low 13A 10M 66A 20M QPSK 1RB 1-18G H

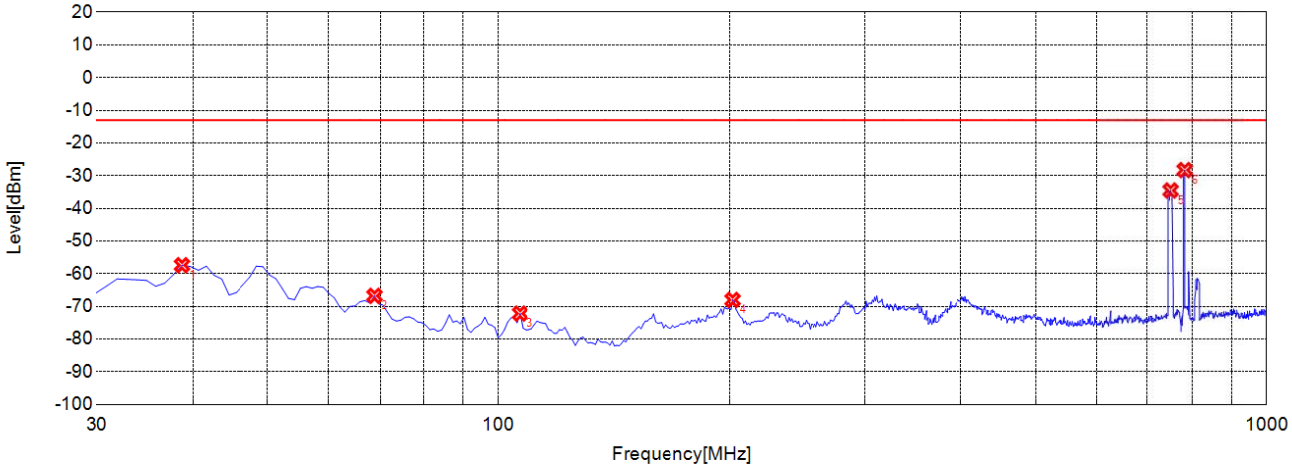
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	2127.1270	-41.61	-13.00	28.61	-9.38	-47.00	37.62	NA
2	2415.4150	-58.19	-13.00	45.19	-10.37	-47.42	37.05	Vertical
3	5077.5780	-53.26	-13.00	40.26	-2.34	-43.85	41.51	Vertical
4	7536.0360	-46.93	-13.00	33.93	9.67	-35.90	45.57	Vertical
5	11323.3230	-41.27	-13.00	28.27	15.41	-33.60	49.01	Vertical
6	14650.1500	-37.34	-13.00	24.34	23.28	-27.14	50.42	Vertical

CA_13A-66A Low 13A 10M 66A 20M QPSK 1RB 1-18G V

Test Graph

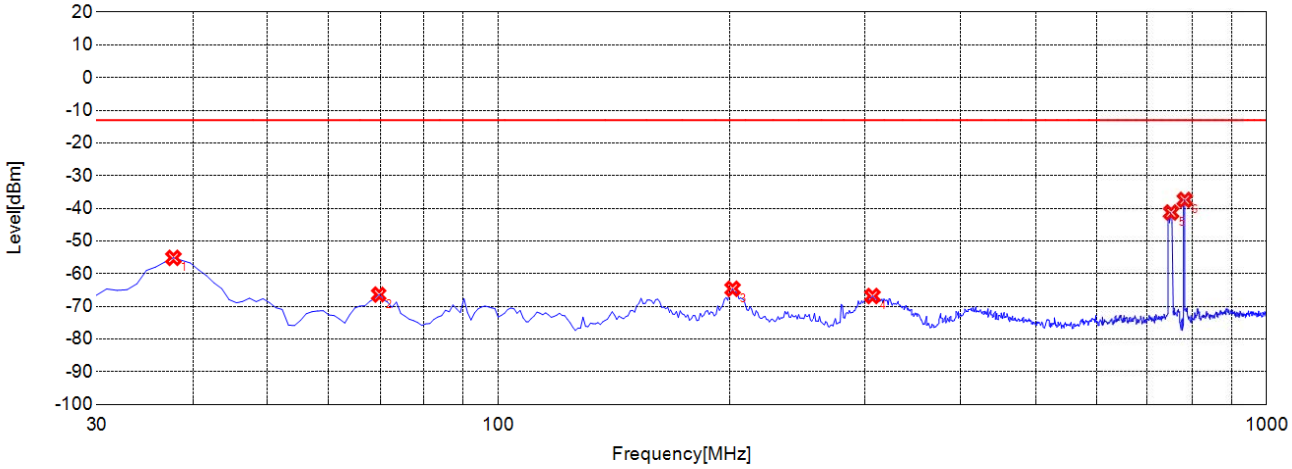


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-57.4	-13.00	44.40	-7.63	-39.55	31.92	Horizontal
2	68.8390	-66.77	-13.00	53.77	-15.36	-39.51	24.15	Horizontal
3	106.7070	-72.2	-13.00	59.20	-17.57	-38.69	21.12	Horizontal
4	201.8620	-68.02	-13.00	55.02	-14.77	-37.79	23.02	Horizontal
5	750.4600	-34.55	-13.00	21.55	-2.99	-34.20	31.21	NA
6	782.5030	-28.3	-13.00	15.30	-3.20	-34.23	31.03	NA

CA_13A-66A Low 13A 10M 66A 20M QPSK 1RB 30M-1G H

Test Graph

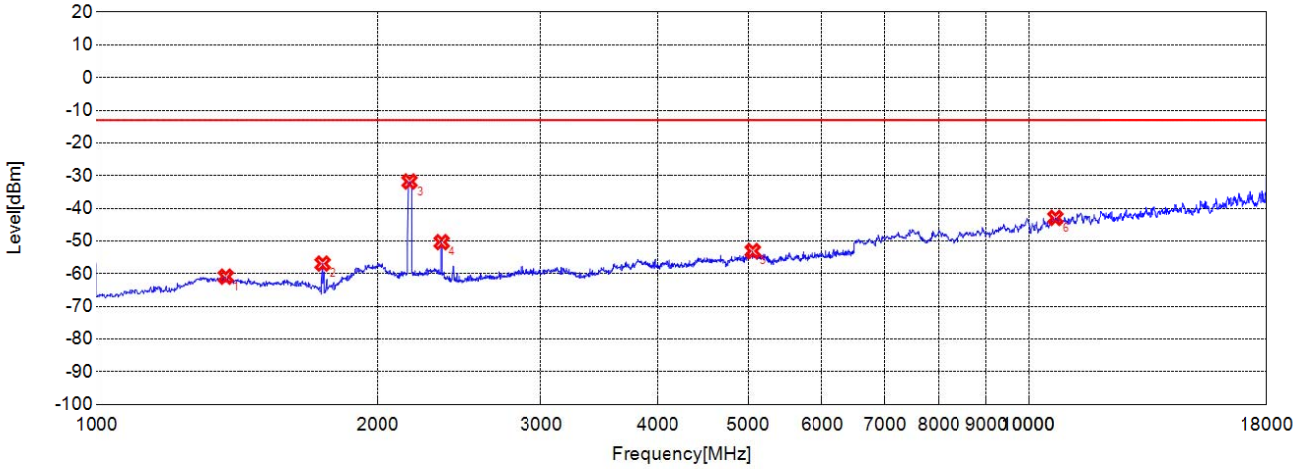


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	37.7680	-55.15	-13.00	42.15	-16.48	-39.56	23.08	Vertical
2	69.8100	-66.38	-13.00	53.38	-18.22	-39.51	21.29	Vertical
3	201.8620	-64.62	-13.00	51.62	-16.25	-37.79	21.54	Vertical
4	306.7270	-66.83	-13.00	53.83	-11.88	-36.96	25.08	Vertical
5	751.4310	-41.27	-13.00	28.27	-2.58	-34.20	31.62	NA
6	782.5030	-37.42	-13.00	24.42	-3.31	-34.23	30.92	NA

CA_13A-66A Low 13A 10M 66A 20M QPSK 1RB 30M-1G V

Test Graph

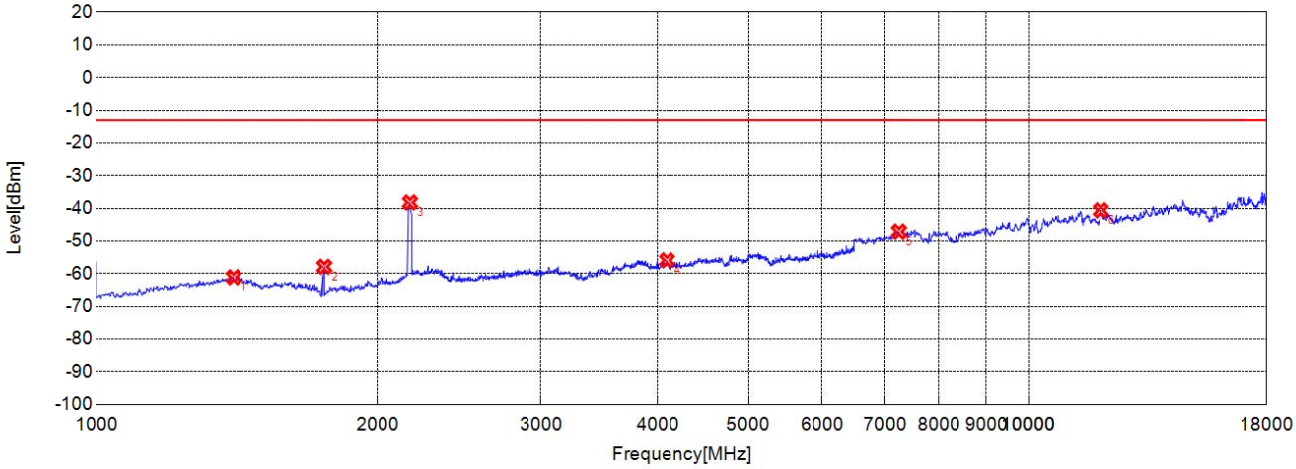


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1374.3740	-60.91	-13.00	47.91	-8.22	-45.31	37.09	Horizontal
2	1746.7470	-56.91	-13.00	43.91	-8.28	-46.27	37.99	Horizontal
3	2167.1670	-31.81	-13.00	18.81	-7.79	-46.79	39.00	NA
4	2345.3450	-50.35	-13.00	37.35	-8.15	-46.53	38.38	Horizontal
5	5056.5570	-53.07	-13.00	40.07	-2.39	-43.86	41.47	Horizontal
6	10678.6790	-42.92	-13.00	29.92	13.97	-34.61	48.58	Horizontal

CA_13A-66A High 13A 10M 66A 20M QPSK 1RB 1-18G H

Test Graph

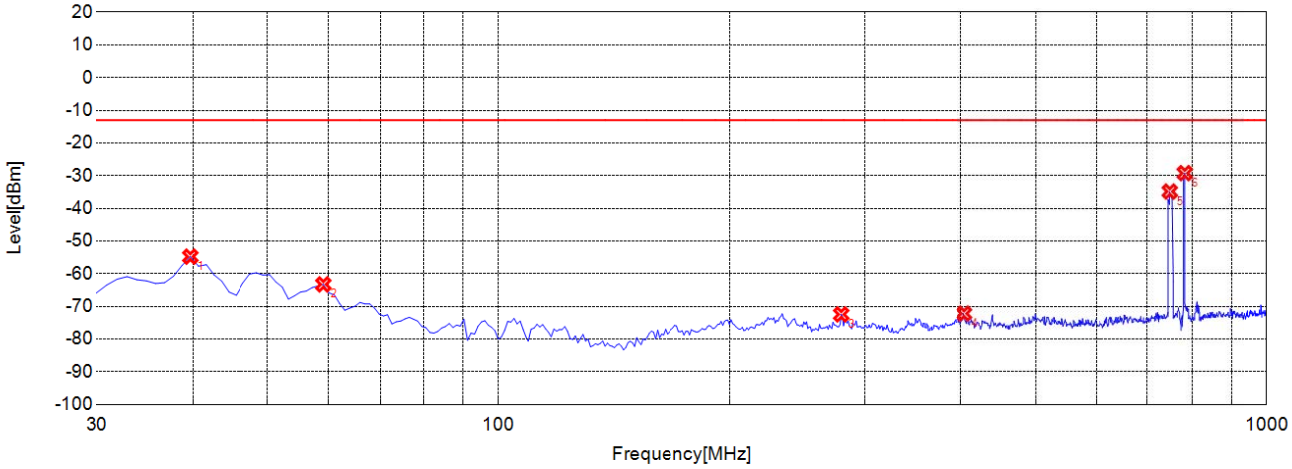


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1402.4020	-61.14	-13.00	48.14	-8.09	-45.35	37.26	Vertical
2	1752.7530	-57.91	-13.00	44.91	-9.25	-46.26	37.01	Vertical
3	2169.1690	-38.21	-13.00	25.21	-8.07	-46.79	38.72	NA
4	4093.0930	-55.91	-13.00	42.91	-7.31	-46.82	39.51	Vertical
5	7248.2480	-47.15	-13.00	34.15	8.57	-36.95	45.52	Vertical
6	11956.4560	-40.64	-13.00	27.64	16.71	-32.05	48.76	Vertical

CA_13A-66A High 13A 10M 66A 20M QPSK 1RB 1-18G V

Test Graph

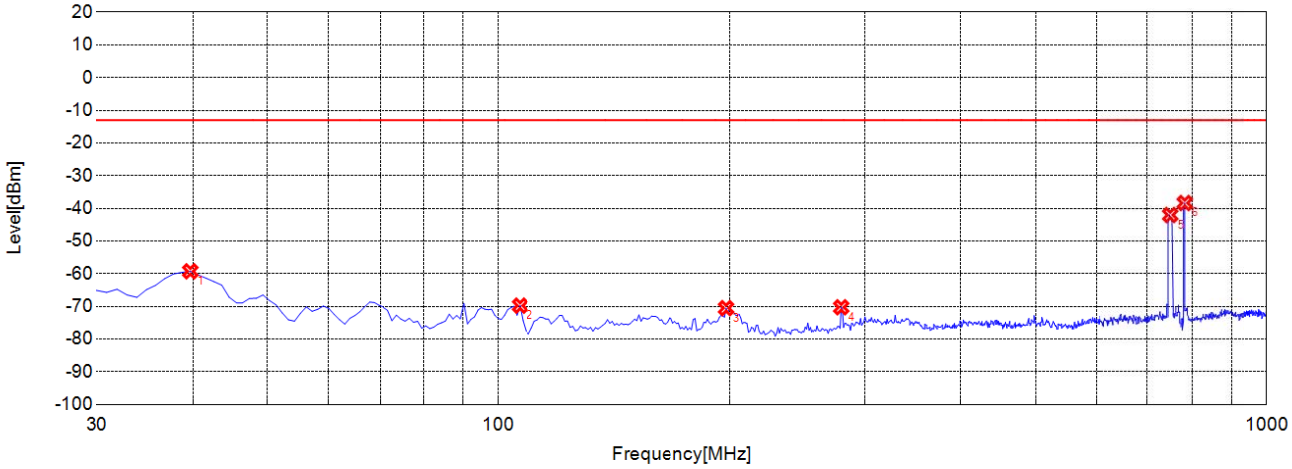


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	39.7100	-54.78	-13.00	41.78	-7.19	-39.54	32.35	Horizontal
2	59.1290	-63.27	-13.00	50.27	-10.59	-39.48	28.89	Horizontal
3	279.5400	-72.45	-13.00	59.45	-12.04	-37.04	25.00	Horizontal
4	403.8240	-72.2	-13.00	59.20	-10.16	-36.20	26.04	Horizontal
5	748.5190	-34.86	-13.00	21.86	-3.05	-34.21	31.16	NA
6	782.5030	-29.24	-13.00	16.24	-3.20	-34.23	31.03	NA

CA_13A-66A High 13A 10M 66A 20M QPSK 1RB 30M-1G H

Test Graph

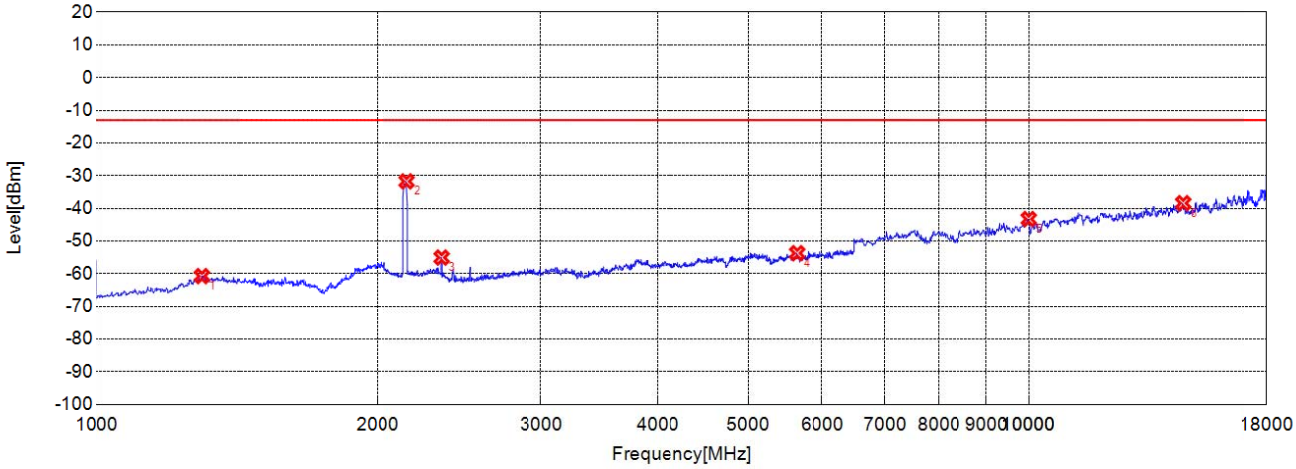


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	39.7100	-59.27	-13.00	46.27	-16.34	-39.54	23.20	Vertical
2	106.7070	-69.77	-13.00	56.77	-14.91	-38.69	23.78	Vertical
3	197.9780	-70.54	-13.00	57.54	-15.99	-37.89	21.90	Vertical
4	279.5400	-70.27	-13.00	57.27	-12.54	-37.04	24.50	Vertical
5	749.4890	-42.04	-13.00	29.04	-2.66	-34.20	31.54	NA
6	782.5030	-38.38	-13.00	25.38	-3.31	-34.23	30.92	NA

CA_13A-66A High 13A 10M 66A 20M QPSK 1RB 30M-1G V

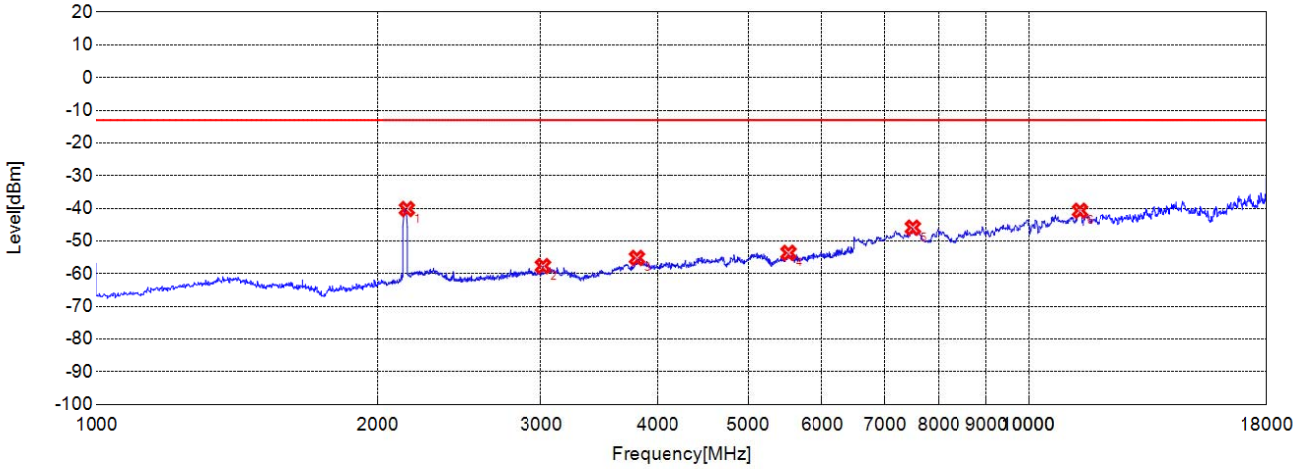
Test Graph



Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	1296.2960	-60.74	-13.00	47.74	-7.73	-45.30	37.57	Horizontal
2	2151.1510	-31.76	-13.00	18.76	-7.77	-46.72	38.95	NA
3	2345.3450	-55.07	-13.00	42.07	-8.15	-46.53	38.38	Horizontal
4	5638.1380	-53.72	-13.00	40.72	-2.07	-42.89	40.82	Horizontal
5	9999.4990	-43.28	-13.00	30.28	14.18	-34.22	48.40	Horizontal
6	14650.1500	-38.43	-13.00	25.43	22.61	-27.14	49.75	Horizontal

CA_13A-66A Mid 13A 10M 66A 20M QPSK 1RB 1-18G H

Test Graph

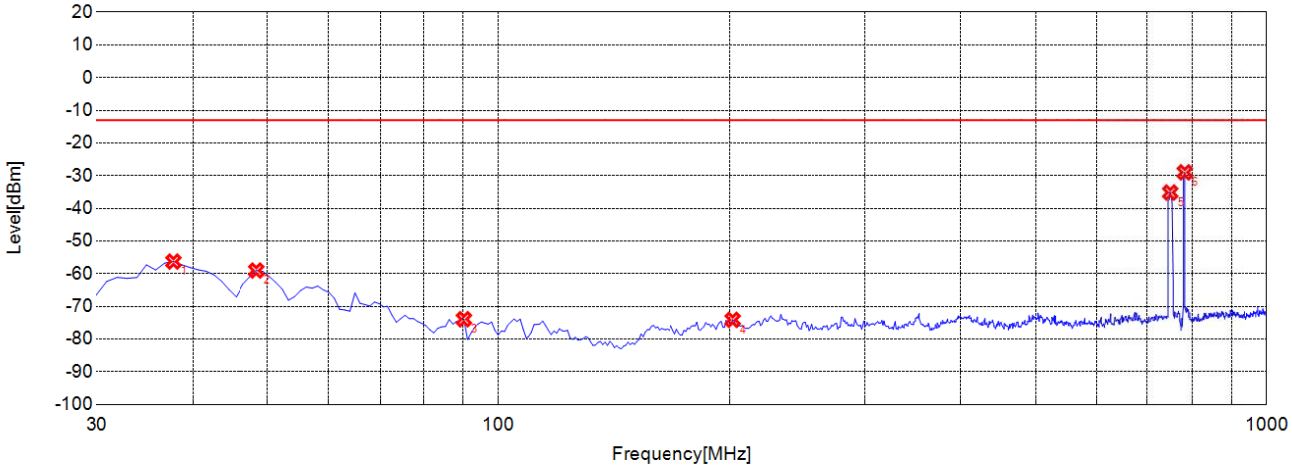


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	2153.1530	-40.21	-13.00	27.21	-8.43	-46.73	38.30	NA
2	3017.5180	-57.68	-13.00	44.68	-9.21	-47.75	38.54	Vertical
3	3798.7990	-55.17	-13.00	42.17	-6.93	-45.99	39.06	Vertical
4	5519.0190	-53.64	-13.00	40.64	-2.30	-42.76	40.46	Vertical
5	7501.5020	-45.92	-13.00	32.92	10.30	-35.48	45.78	Vertical
6	11346.3460	-40.74	-13.00	27.74	15.68	-33.42	49.10	Vertical

CA_13A-66A Mid 13A 10M 66A 20M QPSK 1RB 1-18G V

Test Graph

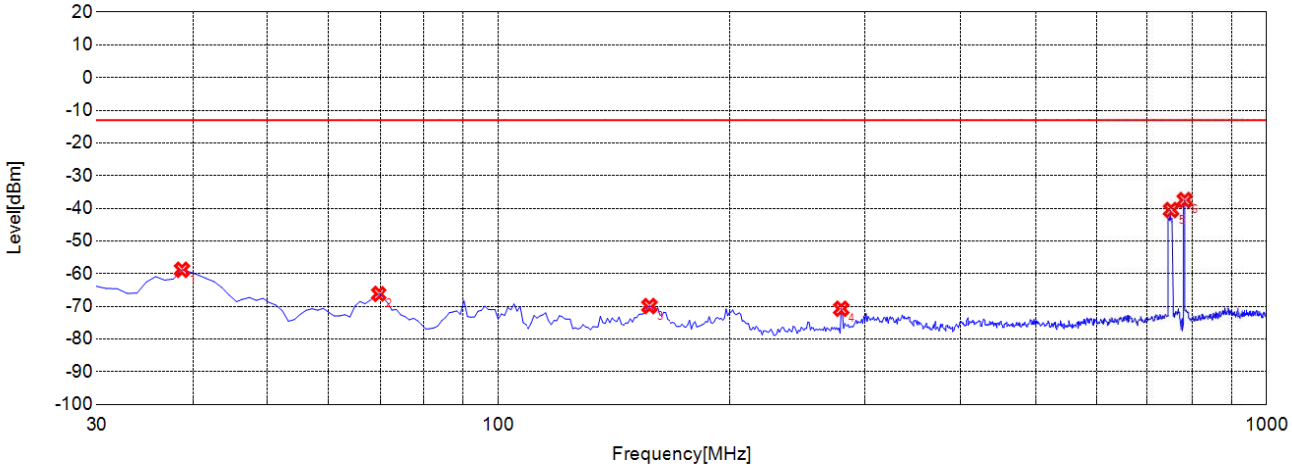


○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	37.7680	-56.29	-13.00	43.29	-8.07	-39.56	31.49	Horizontal
2	48.4480	-59.04	-13.00	46.04	-7.02	-39.47	32.45	Horizontal
3	90.2000	-73.92	-13.00	60.92	-18.92	-38.71	19.79	Horizontal
4	201.8620	-74.11	-13.00	61.11	-14.77	-37.79	23.02	Horizontal
5	749.4890	-35.16	-13.00	22.16	-3.02	-34.20	31.18	NA
6	782.5030	-29	-13.00	16.00	-3.20	-34.23	31.03	NA

CA_13A-66A Mid 13A 10M 66A 20M QPSK 1RB 30M-1G H

Test Graph



○ Final Test

Suspected List								
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Ant. Pol.
1	38.7390	-58.79	-13.00	45.79	-16.41	-39.55	23.14	Vertical
2	69.8100	-66.17	-13.00	53.17	-18.22	-39.51	21.29	Vertical
3	157.1970	-69.9	-13.00	56.90	-16.90	-38.47	21.57	Vertical
4	279.5400	-70.73	-13.00	57.73	-12.54	-37.04	24.50	Vertical
5	751.4310	-40.52	-13.00	27.52	-2.58	-34.20	31.62	NA
6	782.5030	-37.48	-13.00	24.48	-3.31	-34.23	30.92	NA

CA_13A-66A Mid 13A 10M 66A 20M QPSK 1RB 30M-1G V

Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test items	Uncertainty
Output Power	±2.22 dB
Bandwidth	±5%
Conducted Spurious Emission	±2.77 dB
Band Edge	±2.77 dB
Equivalent Isotropic Radiated Power	±2.22 dB
Radiated Spurious Emissions	±6 dB

When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Company Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.

4. Test Equipments Utilized

4.1 Conducted Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Power Splitter	NW521	1506A	Weinschel	N/A	N/A
Attenuator 1	(N/A.)	10dB	Resnet	N/A	N/A
Attenuator 2	(N/A.)	3dB	Resnet	N/A	N/A
EXA Signal Analzyer	MY54170556	N9030A	Agilent	2021.10.20	2022.10.19
USB Power Sensor	MY54210011	U2021XA	Agilent	2021.10.21	2022.10.22
System Simulator	6261830572	MT8821C	Anritsu	2022.02.14	2023.02.13
RF cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial cable	CB02	RF02	Morlab	N/A	N/A
SMA connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Temperature Chamber	(N/A)	HZ-2019	Dongguan Lixian Instrument Technology Co., Ltd	2021.10.20	2022.10.19
Computer	T430i	Think Pad	Lenovo	N/A	N/A

4.2 Radiated Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Bi-Log Antenna	VULB 9163	9163-274	SCHWARZBECK	2019/11/23	2022/11/22
Horn Antenna	BBHA 9120D	9120D-963	SCHWARZBECK	2022/5/25	2025/5/24
Horn Antenna	BBHA9170	BBHA9170#774	SCHWARZBECK	2019/7/26	2022/7/25
Receiver	N9038A	MY54130016	Agilent	2021/7/16	2022/7/15
Preamplifier	S020180L3203	61171/61172	LUCIX CORP.	2021/7/16	2022/7/15
Preamplifier	S10M100L3802	46732	LUCIX CORP.	2021/7/16	2022/7/15
Preamplifier	S180265M3001	46732	LUCIX CORP.	2021/7/16	2022/7/15
System Simulator	CMW500	152038	R&S	2021/10/21	2022/10/20

END OF REPORT