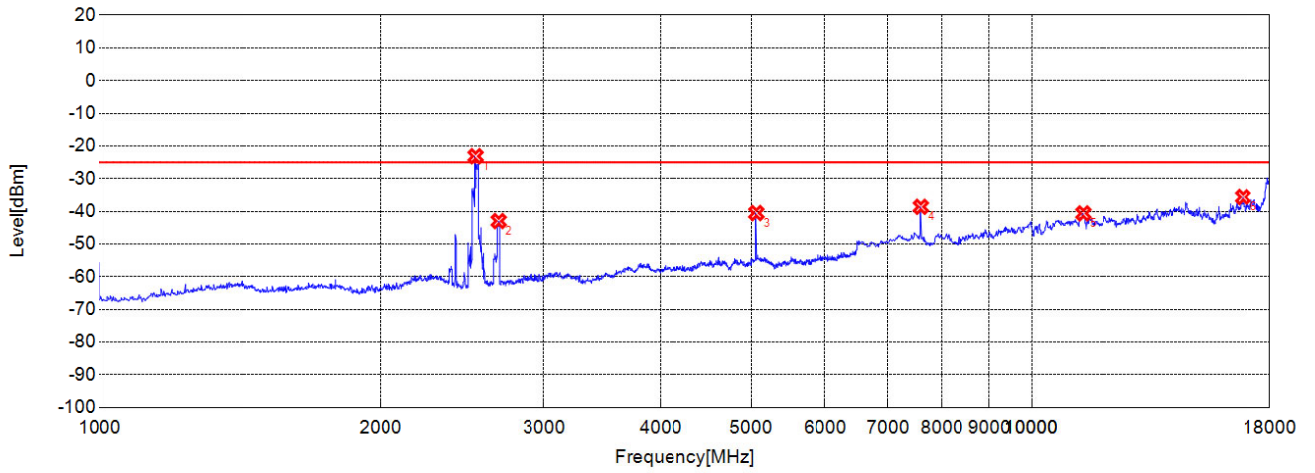




### Test Graph

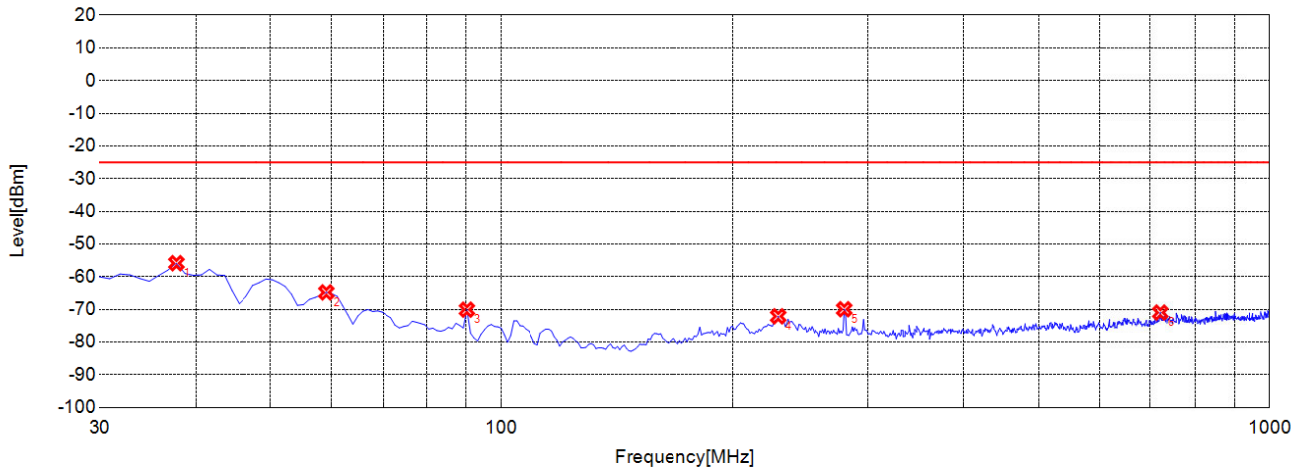


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	2531.5320	-23.14	-25.00	-1.86	-10.78	-47.40	36.62			NA
2	2679.6800	-42.97	-25.00	17.97	-10.40	-47.38	36.98			NA
3	5063.5640	-40.52	-25.00	15.52	-2.47	-43.85	41.38			Vertical
4	7593.5940	-38.62	-25.00	13.62	9.85	-35.36	45.21			Vertical
5	11357.8580	-40.63	-25.00	15.63	15.77	-33.38	49.15			Vertical
6	16848.8490	-35.61	-25.00	10.61	24.53	-26.78	51.31			Vertical

CA\_7C High 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G V

### Test Graph

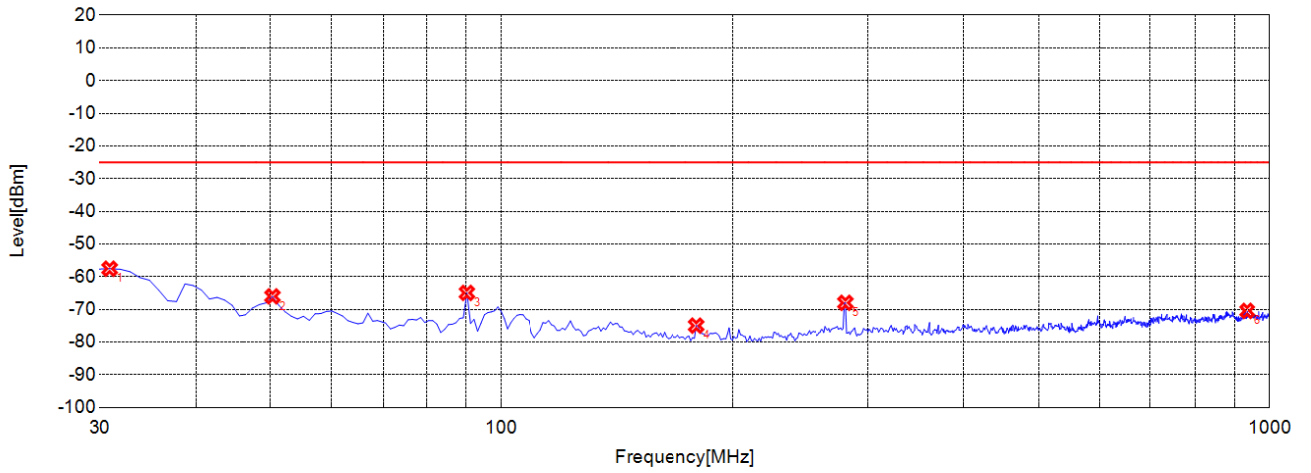


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	37.7680	-55.87	-25.00	30.87	-8.07	-39.56	31.49			Horizontal
2	59.1290	-64.8	-25.00	39.80	-10.59	-39.48	28.89			Horizontal
3	90.2000	-70.08	-25.00	45.08	-18.92	-38.71	19.79			Horizontal
4	229.0490	-72.13	-25.00	47.13	-10.79	-37.53	26.74			Horizontal
5	279.5400	-69.95	-25.00	44.95	-12.04	-37.04	25.00			Horizontal
6	721.3310	-70.98	-25.00	45.98	-3.91	-34.30	30.39			Horizontal

CA\_7C High 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G H

### Test Graph

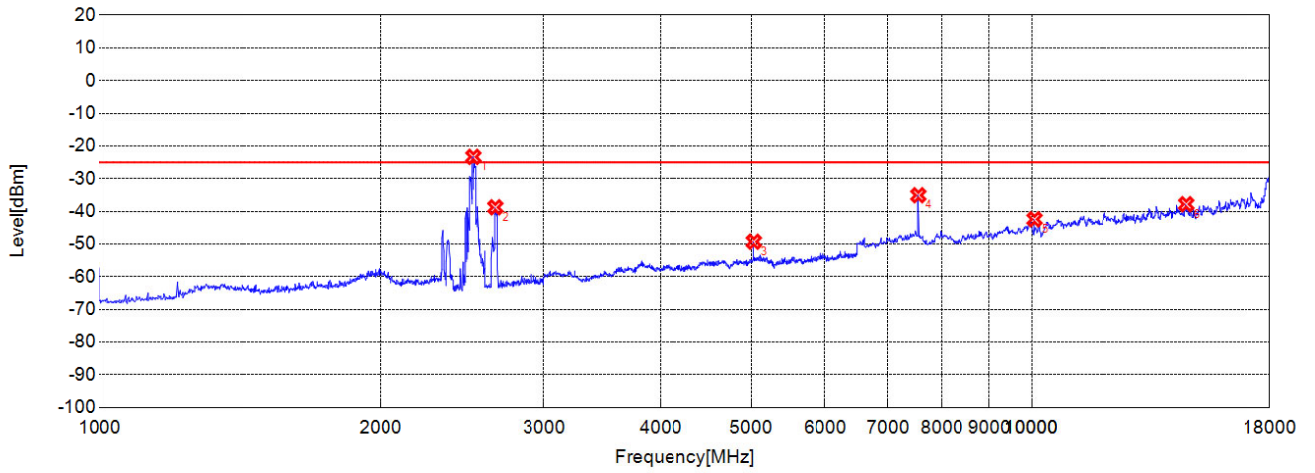


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	30.9710	-57.56	-25.00	32.56	-16.96	-39.61	22.65			Vertical
2	50.3900	-66.02	-25.00	41.02	-15.33	-39.46	24.13			Vertical
3	90.2000	-64.96	-25.00	39.96	-16.50	-38.71	22.21			Vertical
4	179.5300	-74.97	-25.00	49.97	-16.67	-38.11	21.44			Vertical
5	280.5110	-67.99	-25.00	42.99	-12.48	-37.03	24.55			Vertical
6	934.9450	-70.46	-25.00	45.46	-1.64	-34.05	32.41			Vertical

CA\_7C High 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G V

### Test Graph



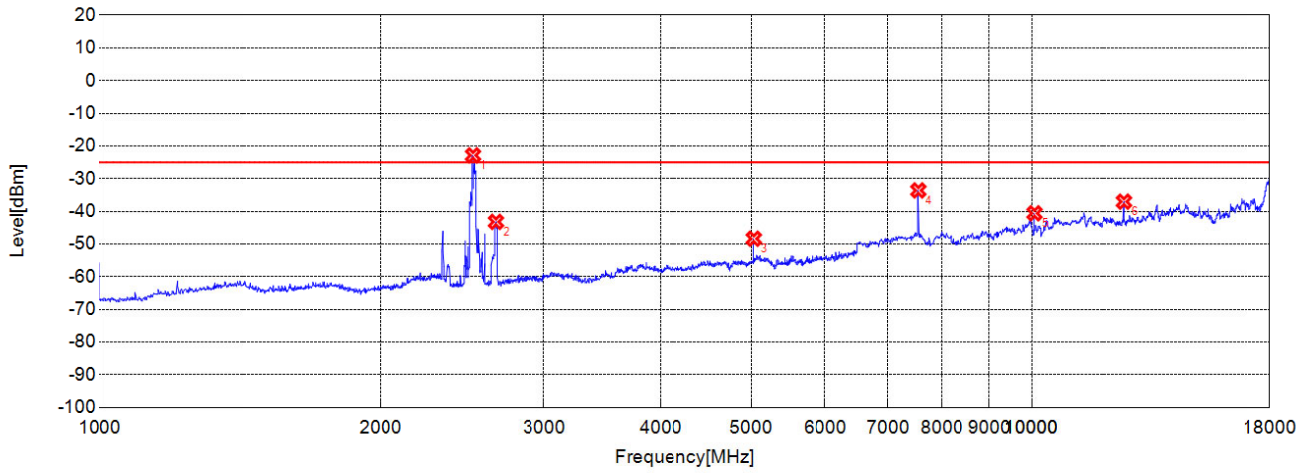
○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	2517.5180	-23.34	-25.00	-1.66	-10.55	-47.27	36.72			NA
2	2657.6580	-38.78	-25.00	13.78	-10.17	-47.31	37.14			NA
3	5032.0320	-49.3	-25.00	24.30	-2.42	-43.84	41.42			Horizontal
4	7547.5480	-35.08	-25.00	10.08	9.62	-36.04	45.66			Horizontal
5	10068.5690	-42.43	-25.00	17.43	11.30	-36.95	48.25			Horizontal
6	14650.1500	-37.82	-25.00	12.82	22.61	-27.14	49.75			Horizontal

CA\_7C Mid 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G H



### Test Graph

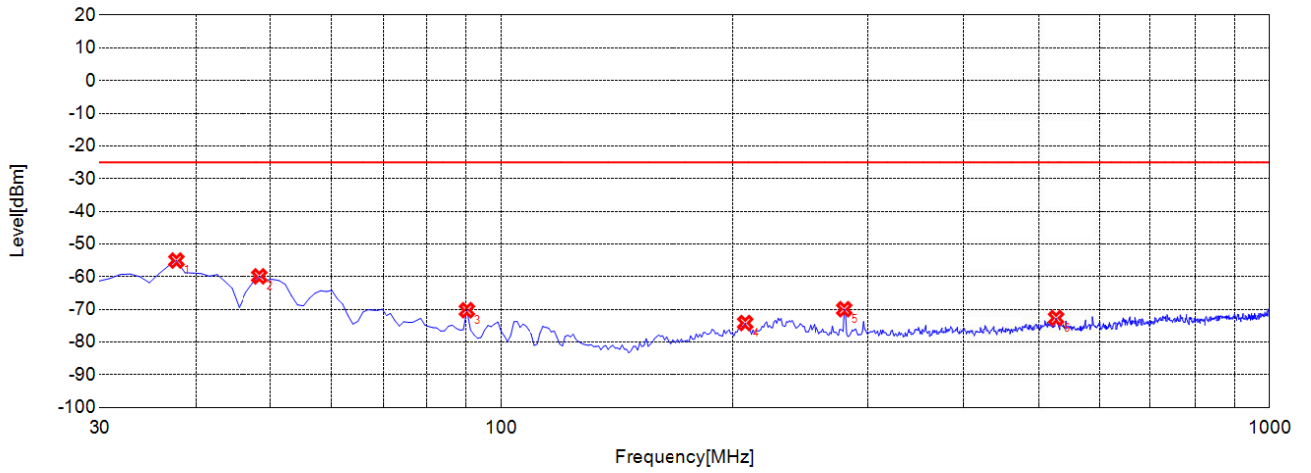


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	2515.5160	-22.87	-25.00	-2.13	-10.67	-47.25	36.58			NA
2	2661.6620	-43.22	-25.00	18.22	-10.38	-47.32	36.94			NA
3	5032.0320	-48.38	-25.00	23.38	-2.77	-43.84	41.07			Vertical
4	7547.5480	-33.61	-25.00	8.61	9.46	-36.04	45.50			Vertical
5	10068.5690	-40.6	-25.00	15.60	11.15	-36.95	48.10			Vertical
6	12578.0780	-37.05	-25.00	12.05	18.29	-29.90	48.19			Vertical

CA\_7C Mid 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G V

### Test Graph



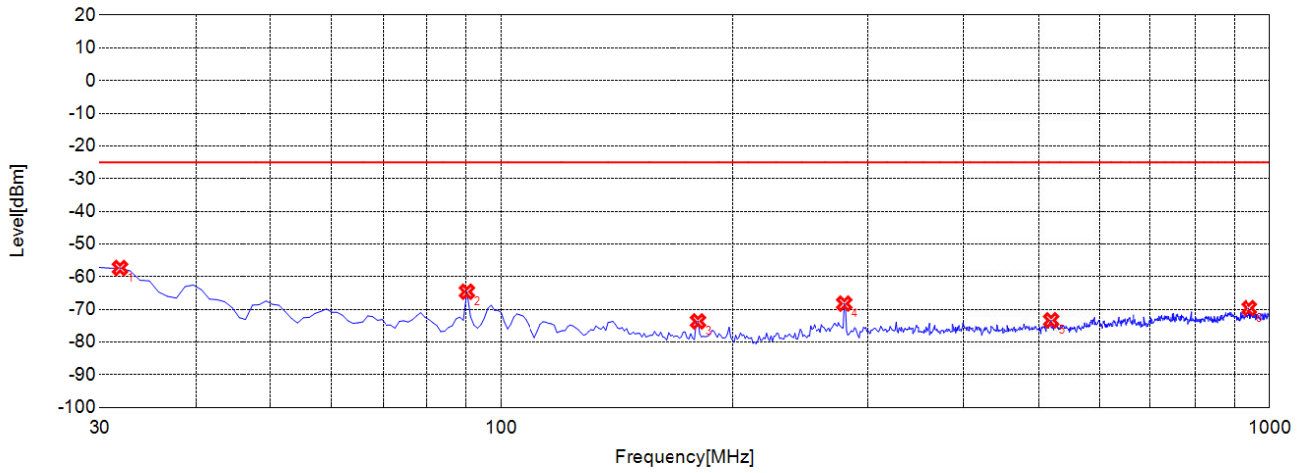
○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	37.7680	-55.06	-25.00	30.06	-8.07	-39.56	31.49			Horizontal
2	48.4480	-59.9	-25.00	34.90	-7.02	-39.47	32.45			Horizontal
3	90.2000	-70.26	-25.00	45.26	-18.92	-38.71	19.79			Horizontal
4	207.6880	-74.18	-25.00	49.18	-14.25	-37.63	23.38			Horizontal
5	279.5400	-69.94	-25.00	44.94	-12.04	-37.04	25.00			Horizontal
6	527.1370	-72.66	-25.00	47.66	-6.39	-35.02	28.63			Horizontal

CA\_7C Mid 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G H



### Test Graph



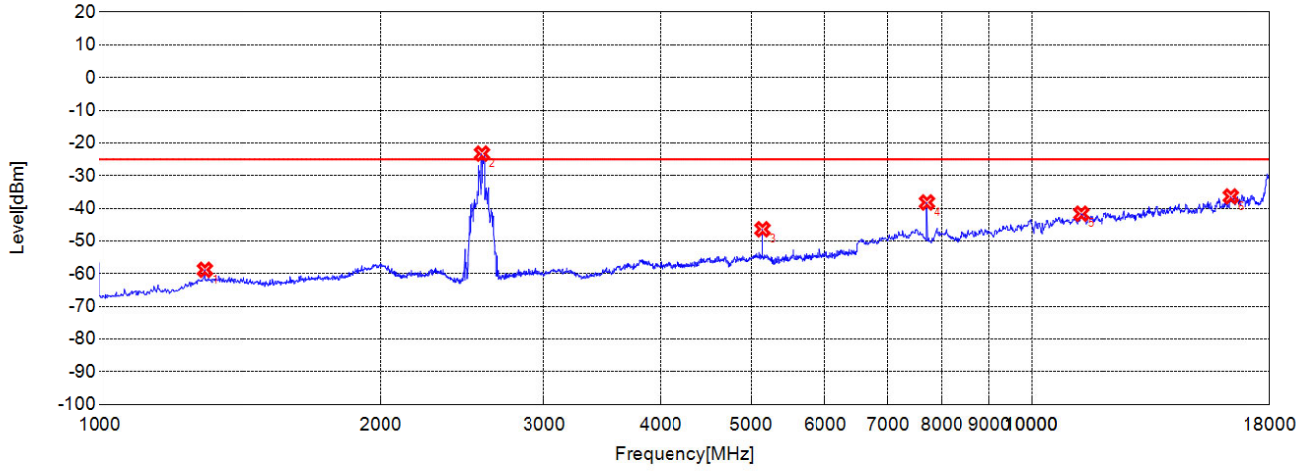
○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	31.9420	-57.34	-25.00	32.34	-16.89	-39.60	22.71			Vertical
2	90.2000	-64.6	-25.00	39.60	-16.50	-38.71	22.21			Vertical
3	180.5010	-73.68	-25.00	48.68	-16.59	-38.11	21.52			Vertical
4	279.5400	-68.23	-25.00	43.23	-12.54	-37.04	24.50			Vertical
5	519.3690	-73.35	-25.00	48.35	-6.96	-35.09	28.13			Vertical
6	940.7710	-69.63	-25.00	44.63	-1.46	-34.06	32.60			Vertical

CA\_7C Mid 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G V



### Test Graph



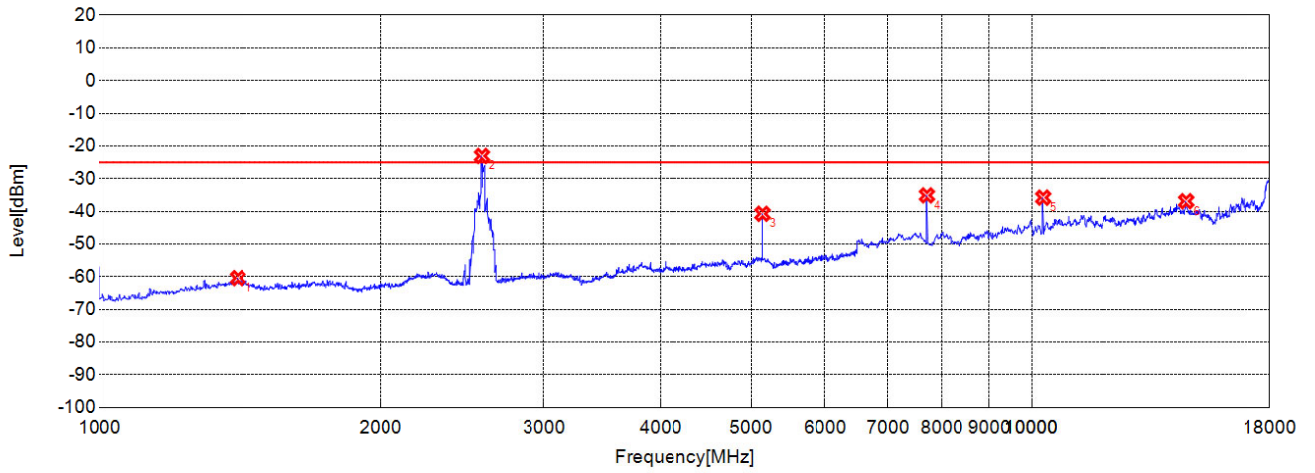
○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1296.2960	-58.81	-25.00	33.81	-7.73	-45.30	37.57			Horizontal
2	2571.5720	-23.26	-25.00	-1.74	-10.49	-47.35	36.86			NA
3	5140.6410	-46.41	-25.00	21.41	-2.43	-43.82	41.39			Horizontal
4	7708.7090	-38.2	-25.00	13.20	9.09	-35.88	44.97			Horizontal
5	11300.3000	-41.65	-25.00	16.65	15.14	-33.79	48.93			Horizontal
6	16342.3420	-36.37	-25.00	11.37	23.91	-27.38	51.29			Horizontal

CA\_38C Low 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G H



### Test Graph



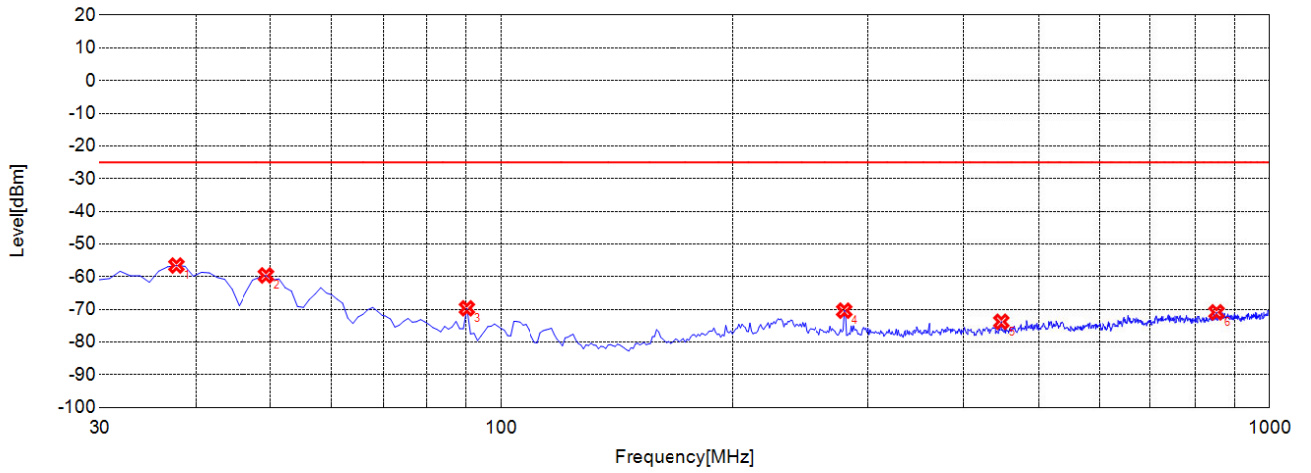
○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1406.4060	-60.44	-25.00	35.44	-8.18	-45.36	37.18			Vertical
2	2571.5720	-23.05	-25.00	-1.95	-10.62	-47.35	36.73			NA
3	5140.6410	-40.76	-25.00	15.76	-2.45	-43.82	41.37			Vertical
4	7708.7090	-35.12	-25.00	10.12	9.10	-35.88	44.98			Vertical
5	10287.2870	-35.81	-25.00	10.81	11.77	-36.82	48.59			Vertical
6	14650.1500	-36.9	-25.00	11.90	23.28	-27.14	50.42			Vertical

CA\_38C Low 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G V



### Test Graph

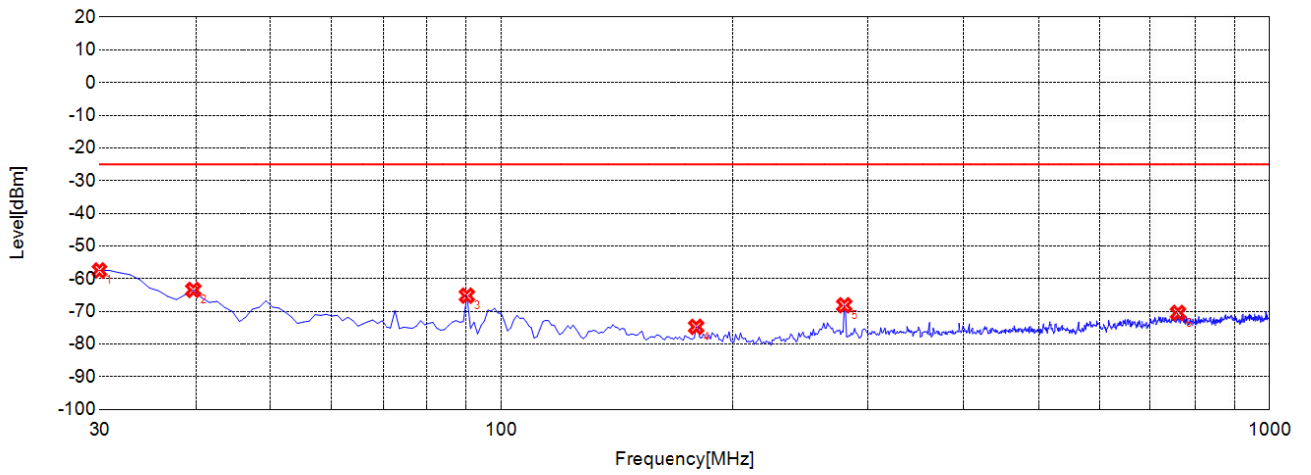


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	37.7680	-56.59	-25.00	31.59	-8.07	-39.56	31.49			Horizontal
2	49.4190	-59.62	-25.00	34.62	-7.01	-39.46	32.45			Horizontal
3	90.2000	-69.67	-25.00	44.67	-18.92	-38.71	19.79			Horizontal
4	279.5400	-70.39	-25.00	45.39	-12.04	-37.04	25.00			Horizontal
5	447.5180	-73.78	-25.00	48.78	-9.00	-35.44	26.44			Horizontal
6	852.4120	-70.9	-25.00	45.90	-2.43	-34.08	31.65			Horizontal

CA\_38C Low 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G H

### Test Graph

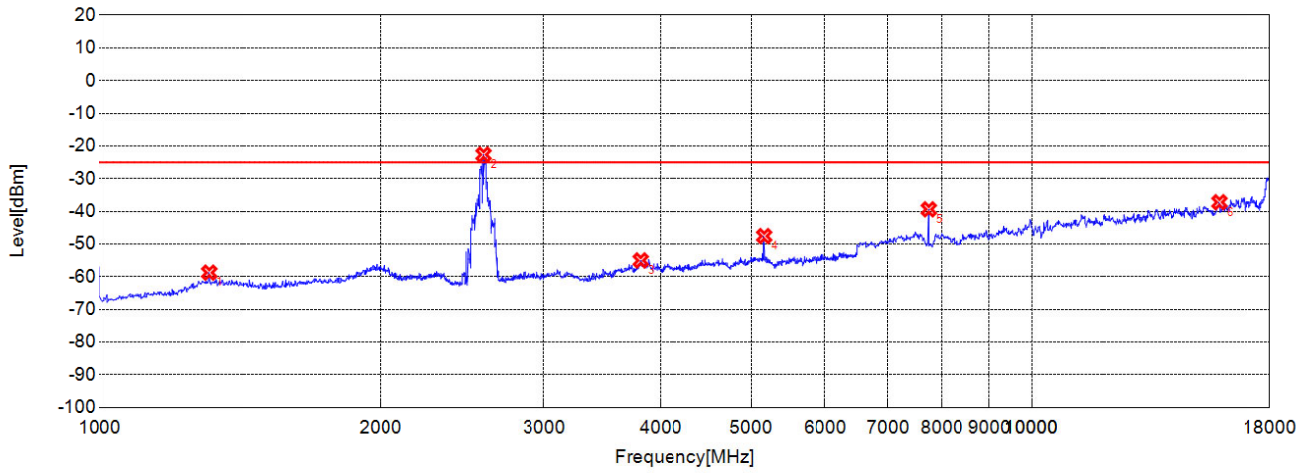


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	30.0000	-57.49	-25.00	32.49	-17.03	-39.62	22.59			Vertical
2	39.7100	-63.43	-25.00	38.43	-16.34	-39.54	23.20			Vertical
3	90.2000	-65.2	-25.00	40.20	-16.50	-38.71	22.21			Vertical
4	179.5300	-74.73	-25.00	49.73	-16.67	-38.11	21.44			Vertical
5	279.5400	-68.13	-25.00	43.13	-12.54	-37.04	24.50			Vertical
6	760.1700	-70.48	-25.00	45.48	-2.30	-34.21	31.91			Vertical

CA\_38C Low 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G V

### Test Graph



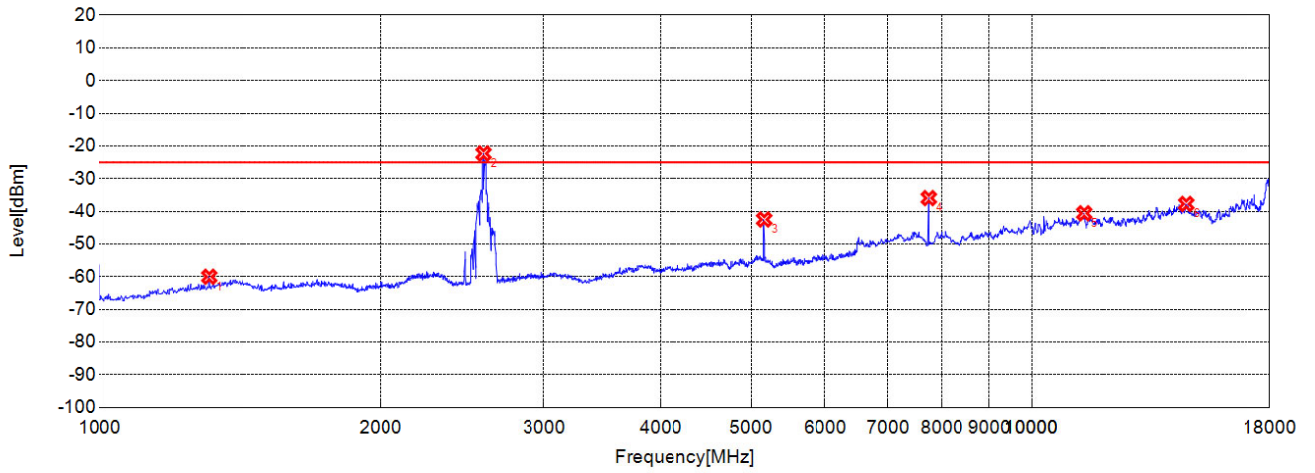
○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1310.3100	-58.76	-25.00	33.76	-7.68	-45.29	37.61			Horizontal
2	2581.5820	-22.65	-25.00	-2.35	-10.36	-47.24	36.88			NA
3	3805.8060	-55.03	-25.00	30.03	-6.58	-46.08	39.50			Horizontal
4	5161.6620	-47.58	-25.00	22.58	-2.36	-43.66	41.30			Horizontal
5	7743.2430	-39.39	-25.00	14.39	9.37	-35.45	44.82			Horizontal
6	15893.3930	-37.22	-25.00	12.22	23.52	-27.12	50.64			Horizontal

CA\_38C High 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G H



### Test Graph

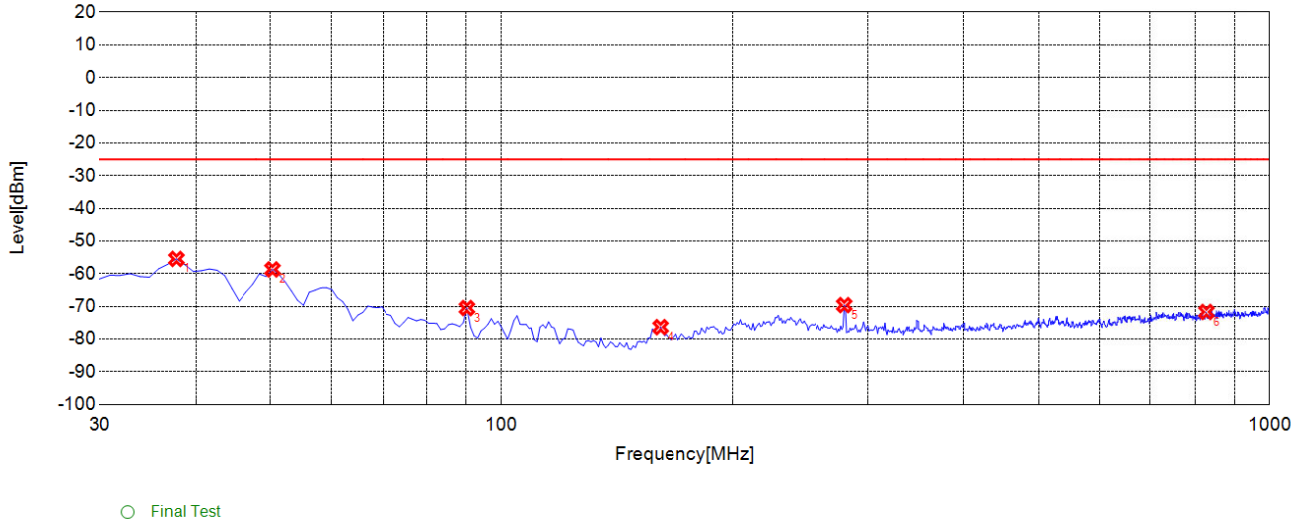


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1310.3100	-60.02	-25.00	35.02	-9.16	-45.29	36.13			Vertical
2	2581.5820	-22.32	-25.00	-2.68	-10.49	-47.24	36.75			NA
3	5161.6620	-42.5	-25.00	17.50	-2.47	-43.66	41.19			Vertical
4	7743.2430	-35.96	-25.00	10.96	9.33	-35.45	44.78			Vertical
5	11380.8810	-40.6	-25.00	15.60	15.89	-33.35	49.24			Vertical
6	14650.1500	-37.75	-25.00	12.75	23.28	-27.14	50.42			Vertical

CA\_38C High 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G V

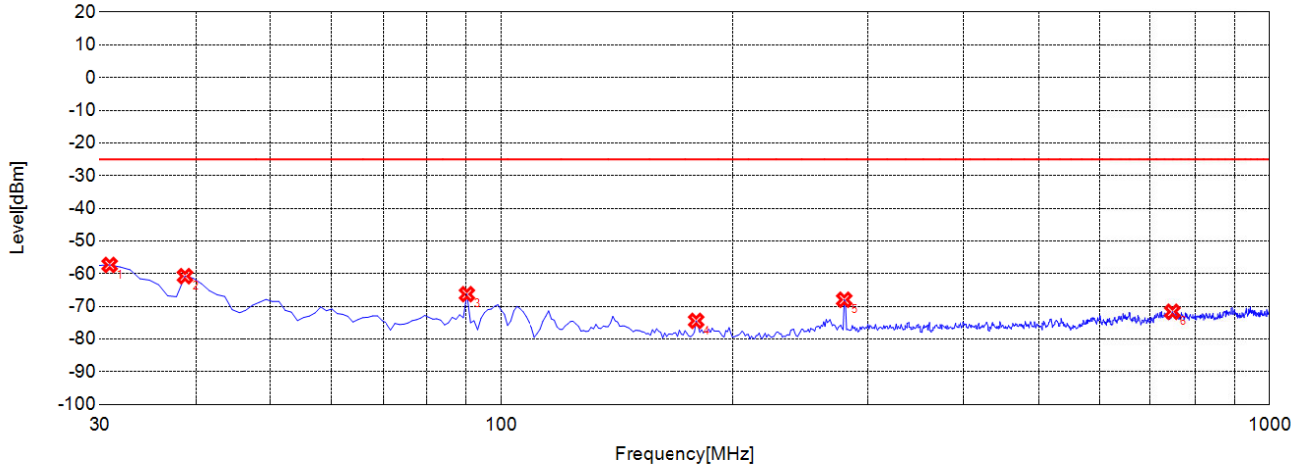
### Test Graph



Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	37.7680	-55.48	-25.00	30.48	-8.07	-39.56	31.49			Horizontal
2	50.3900	-58.7	-25.00	33.70	-7.16	-39.46	32.30			Horizontal
3	90.2000	-70.51	-25.00	45.51	-18.92	-38.71	19.79			Horizontal
4	161.0810	-76.35	-25.00	51.35	-19.50	-38.36	18.86			Horizontal
5	279.5400	-69.61	-25.00	44.61	-12.04	-37.04	25.00			Horizontal
6	827.1670	-71.7	-25.00	46.70	-2.90	-34.16	31.26			Horizontal

CA\_38C High 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G H

### Test Graph

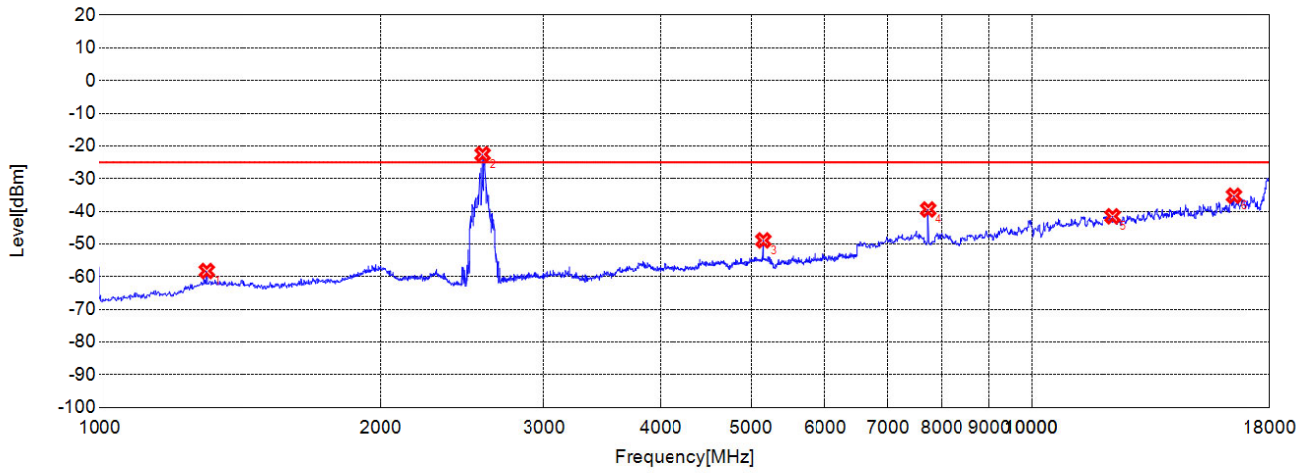


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	30.9710	-57.32	-25.00	32.32	-16.96	-39.61	22.65			Vertical
2	38.7390	-60.76	-25.00	35.76	-16.41	-39.55	23.14			Vertical
3	90.2000	-66.26	-25.00	41.26	-16.50	-38.71	22.21			Vertical
4	179.5300	-74.43	-25.00	49.43	-16.67	-38.11	21.44			Vertical
5	279.5400	-67.97	-25.00	42.97	-12.54	-37.04	24.50			Vertical
6	747.5480	-71.66	-25.00	46.66	-2.78	-34.21	31.43			Vertical

CA\_38C High 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G V

### Test Graph

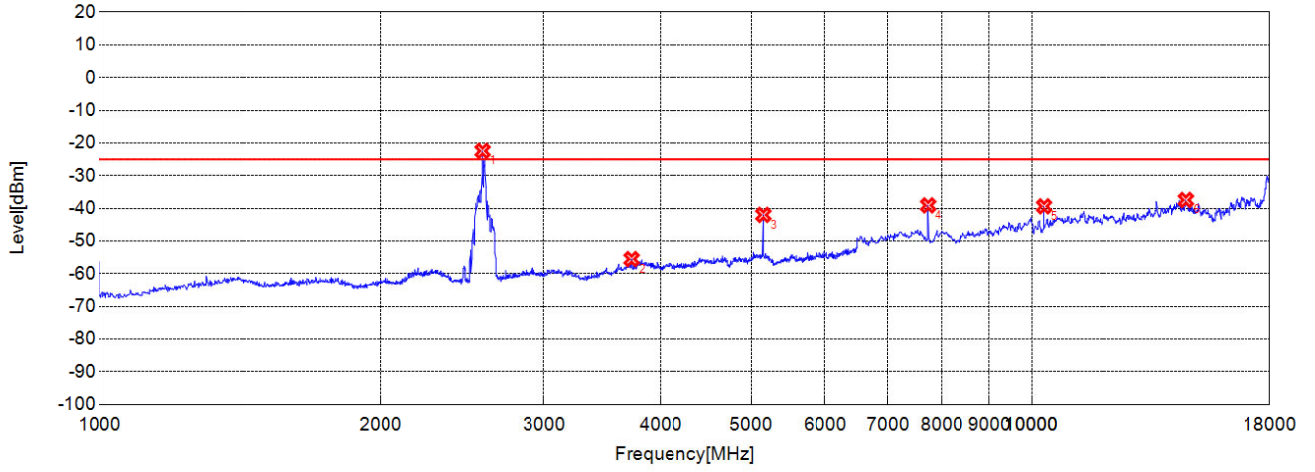


Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1302.3020	-58.25	-25.00	33.25	-7.62	-45.29	37.67			Horizontal
2	2575.5760	-22.54	-25.00	-2.46	-10.43	-47.30	36.87			NA
3	5151.1510	-48.9	-25.00	23.90	-2.45	-43.80	41.35			Horizontal
4	7731.7320	-39.44	-25.00	14.44	9.28	-35.59	44.87			Horizontal
5	12232.7330	-41.53	-25.00	16.53	18.35	-30.89	49.24			Horizontal
6	16468.9690	-35.24	-25.00	10.24	23.54	-27.92	51.46			Horizontal

CA\_38C Mid 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G H



### Test Graph

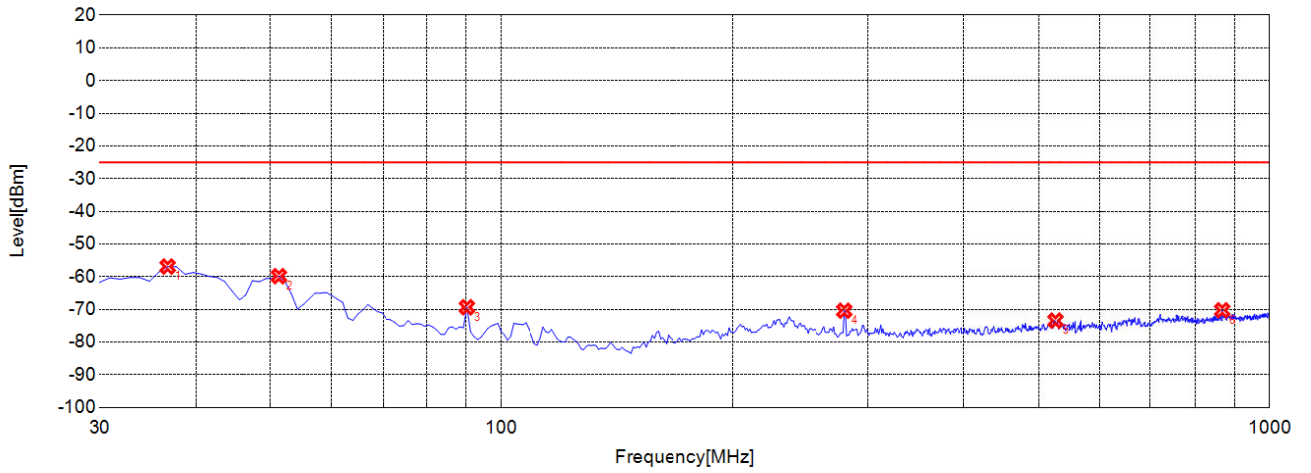


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	2575.5760	-22.44	-25.00	-2.56	-10.56	-47.30	36.74			NA
2	3721.7220	-55.53	-25.00	30.53	-7.99	-47.06	39.07			Vertical
3	5151.1510	-42.01	-25.00	17.01	-2.52	-43.80	41.28			Vertical
4	7731.7320	-39.1	-25.00	14.10	9.26	-35.59	44.85			Vertical
5	10310.3100	-39.39	-25.00	14.39	12.31	-36.36	48.67			Vertical
6	14638.6390	-37.45	-25.00	12.45	22.89	-27.48	50.37			Vertical

CA\_38C Mid 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G V

### Test Graph

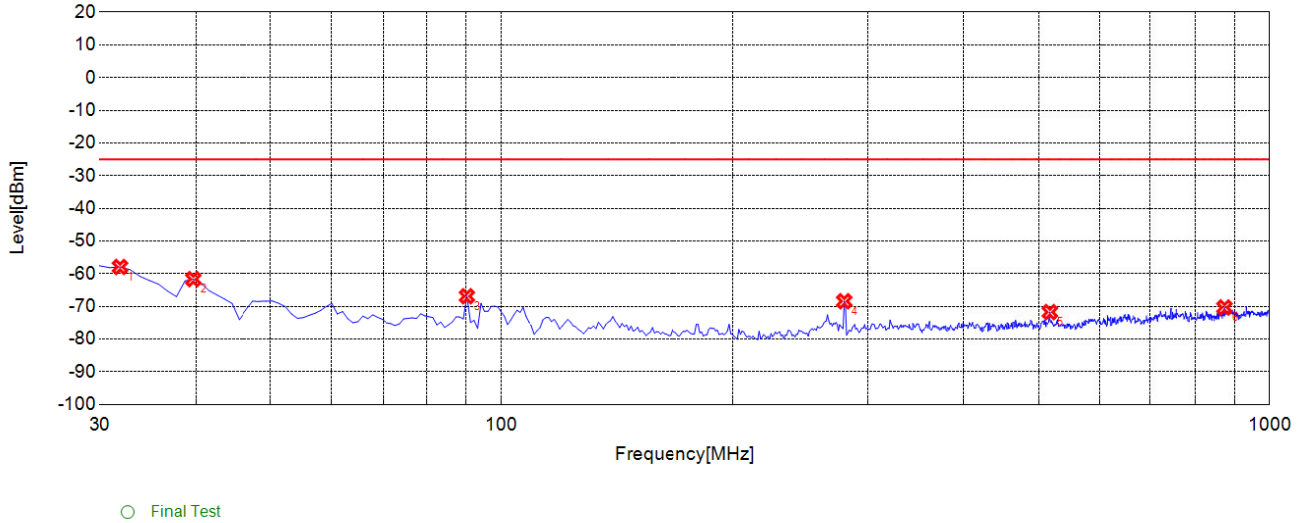


○ Final Test

Suspected List										
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	36.7970	-56.9	-25.00	31.90	-8.51	-39.57	31.06			Horizontal
2	51.3610	-59.84	-25.00	34.84	-7.54	-39.46	31.92			Horizontal
3	90.2000	-69.35	-25.00	44.35	-18.92	-38.71	19.79			Horizontal
4	279.5400	-70.4	-25.00	45.40	-12.04	-37.04	25.00			Horizontal
5	526.1660	-73.45	-25.00	48.45	-6.44	-35.03	28.59			Horizontal
6	866.9770	-70.27	-25.00	45.27	-2.23	-34.05	31.82			Horizontal

CA\_38C Mid 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G 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	31.9420	-57.94	-25.00	32.94	-16.89	-39.60	22.71			Vertical
2	39.7100	-61.66	-25.00	36.66	-16.34	-39.54	23.20			Vertical
3	90.2000	-66.9	-25.00	41.90	-16.50	-38.71	22.21			Vertical
4	279.5400	-68.42	-25.00	43.42	-12.54	-37.04	24.50			Vertical
5	517.4270	-71.75	-25.00	46.75	-7.07	-35.11	28.04			Vertical
6	872.8030	-70.34	-25.00	45.34	-2.08	-34.04	31.96			Vertical

CA\_38C Mid 20M QPSK PCC RB 1 0 SCC RB 0 0 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	$\pm 2.22$ dB
Bandwidth	$\pm 5\%$
Conducted Spurious Emission	$\pm 2.77$ dB
Band Edge	$\pm 2.77$ dB
Equivalent Isotropic Radiated Power	$\pm 2.22$ dB
Radiated Spurious Emissions	$\pm 6$ 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

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

### 2. Identification of the Responsible Testing Location

<b>Name:</b>	Shenzhen Morlab Communications Technology Co., Ltd.
<b>Address:</b>	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 C63.10-2013 and 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 Analyzer	MY54170556	N9030A	Agilent	2021.01.08	2022.01.07
USB Power Sensor	MY54210011	U2021XA	Agilent	2021.10.23	2022.10.22
System Simulator	6261830572	MT8821C	Anritsu	2021.02.25	2022.02.24
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)	HUT705P	CHONGQING HANBA EXPERIMENTAL EQUIPMENT CO.,LTD	2021.03.17	2022.03.16
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	SCHWARZBE CK	2019.11.23	2022.11.22
Horn Antenna	BBHA 9120D	9120D-963	SCHWARZBE CK	2019.05.24	2022.05.23
Horn Antenna	BBHA9170	BBHA9170# 774	SCHWARZBE CK	2019.07.26	2022.07.25
Receiver	N9038A	MY54130016	Agilent	2021.07.16	2022.07.15
Preamplifier	S020180L3203	61171/61172	LUCIX CORP.	2021.07.16	2022.07.15
Preamplifier	S10M100L3802	46732	LUCIX CORP.	2021.07.16	2022.07.15
Preamplifier	S180265M3001	46732	LUCIX CORP.	2021.07.16	2022.07.15
System Simulator	CMW500	152038	R&S	2021.10.21	2022.10.20

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