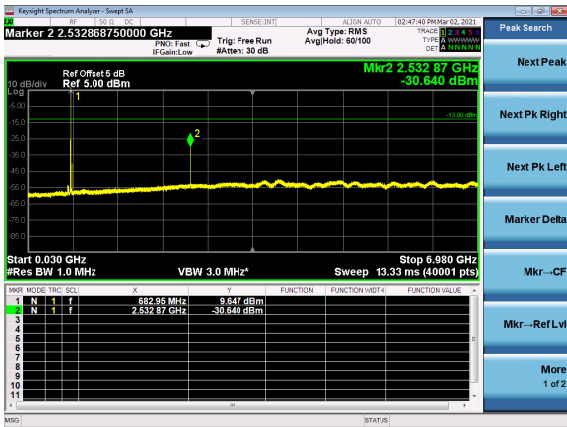
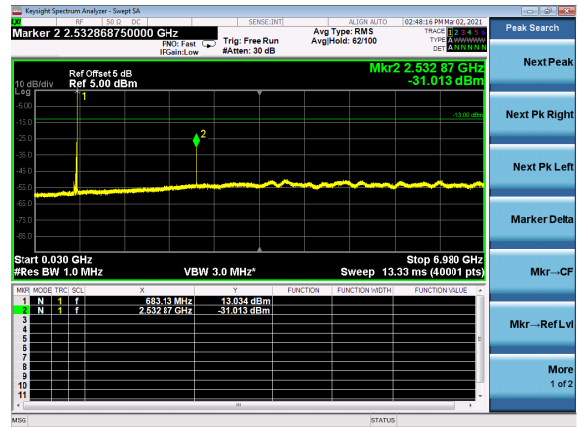




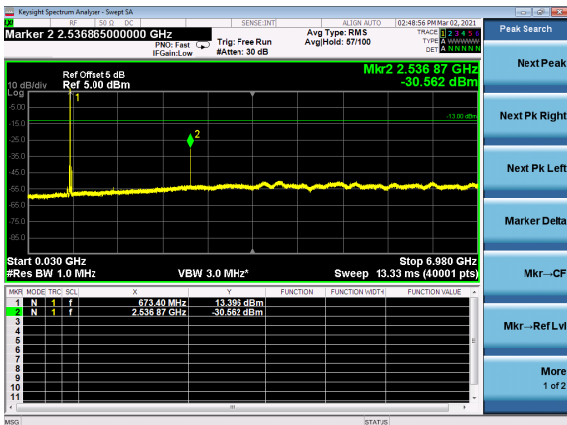
B7\_N71(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_High\_CH



B7\_N71(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_High\_CH



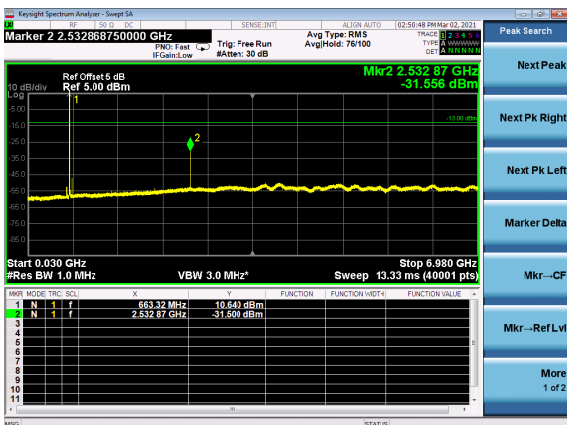
B7\_N71(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Mid\_CH



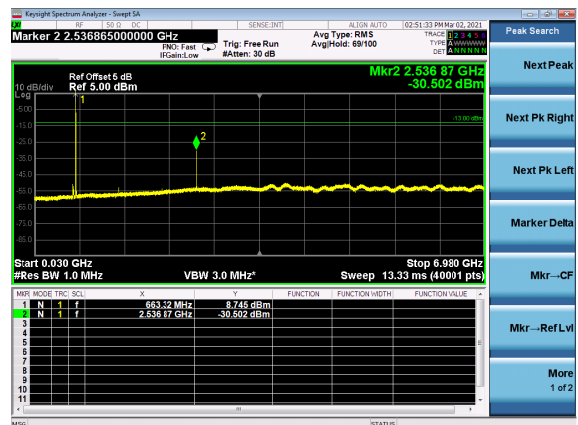
B7\_N71(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Mid\_CH



B7\_N71(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH

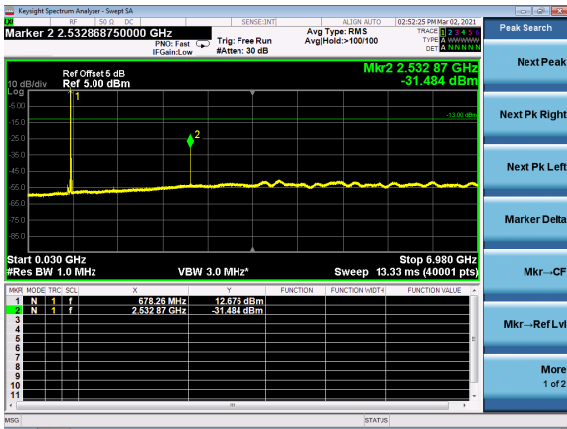


B7\_N71(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH

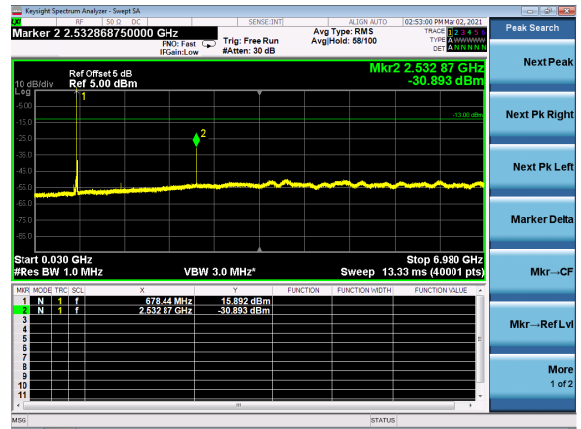




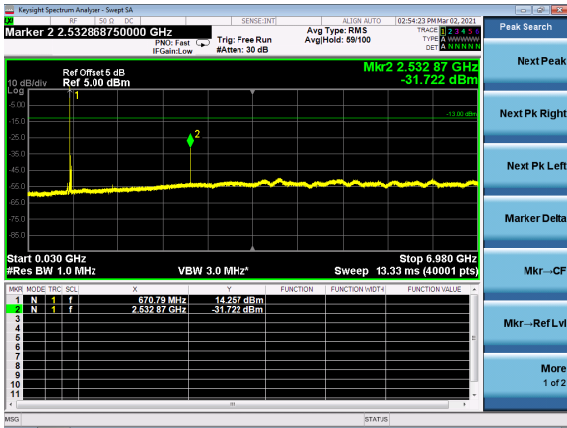
B7\_N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_High\_CH



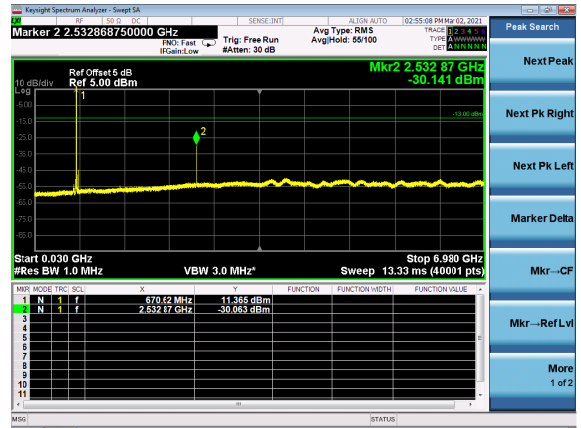
B7\_N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_High\_CH



B7\_N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Mid\_CH



B7\_N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Mid\_CH



B7\_N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



B7\_N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH





## 2.6. Band Edge

### 2.6.1. Requirement

According to FCC section 22.917(a), 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.

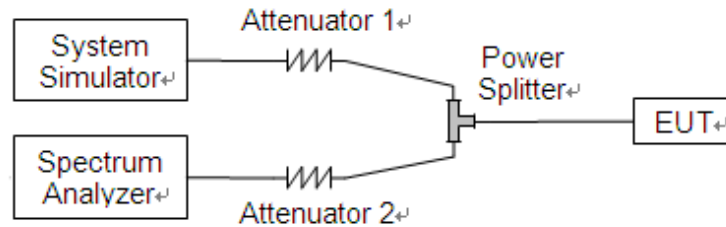
According to FCC section 24.238(a), The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB.

According to FCC section 27.53(g), For operations in the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log(P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

According to FCC section 27.53(h), For operations in the 1710–1755MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log_{10}(P)$  dB.

According to FCC section 27.53(m) (4), For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log(P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log(P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log(P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log(P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log(P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

### 2.6.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.6.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.



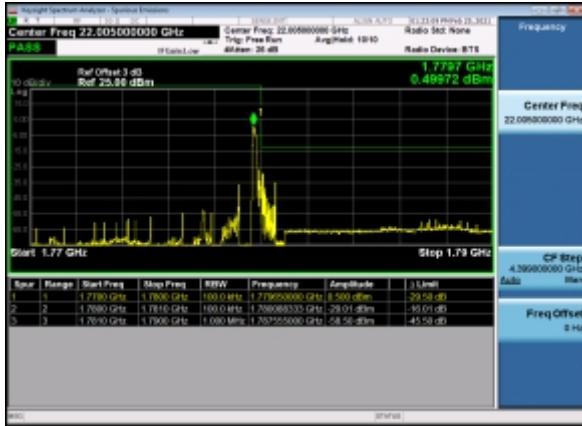
REPORT No.: SZ21010176W05

#### 2.6.4. Test Result

The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.



B2\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB  
\_Right\_High\_CH



B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB  
\_Right\_High\_CH



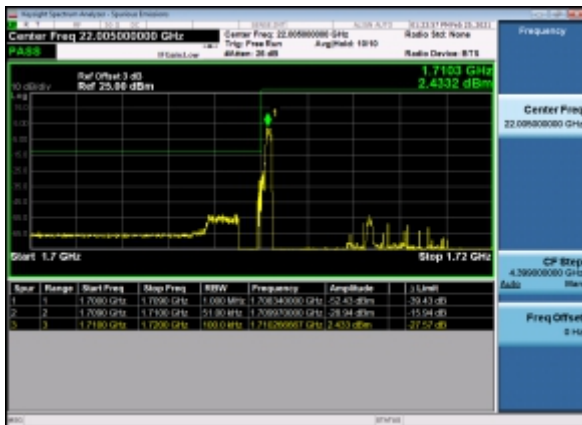
B2\_N66(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full  
\_High\_CH



B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full  
\_High\_CH



B2\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB  
\_Left\_Low\_CH



B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB  
\_Left\_Low\_CH

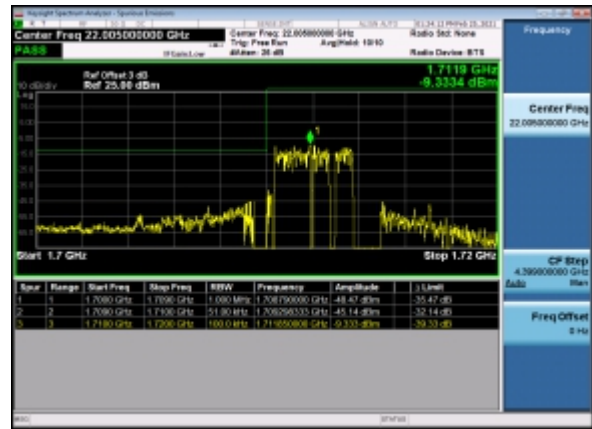




B2\_N66(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



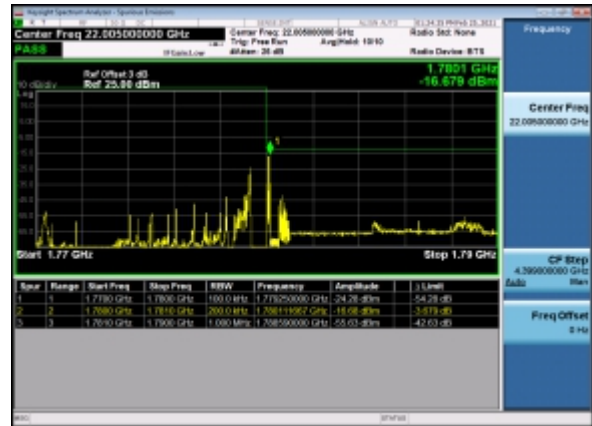
B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



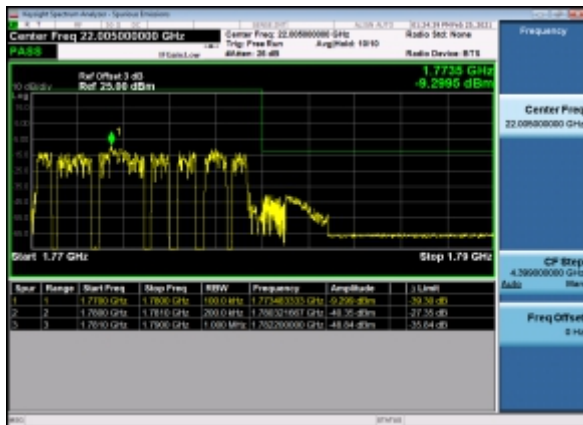
B2\_N66(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1R\_B\_Right\_High\_CH



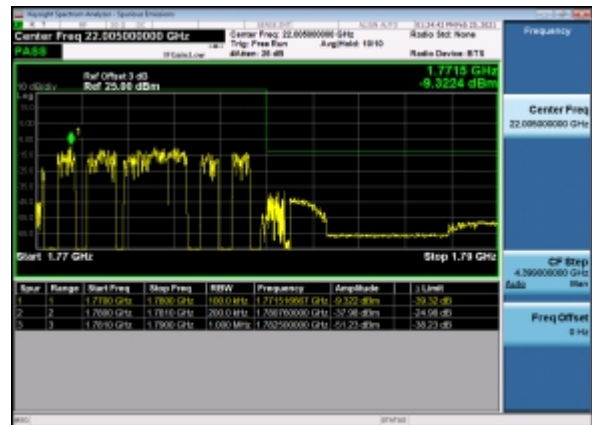
B2\_N66(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1R\_B\_Right\_High\_CH



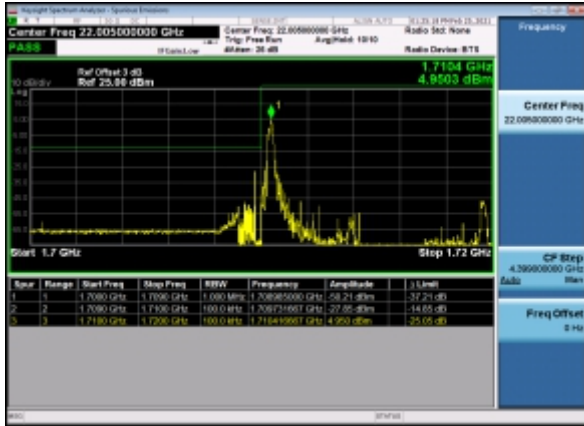
B2\_N66(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_I\_High\_CH



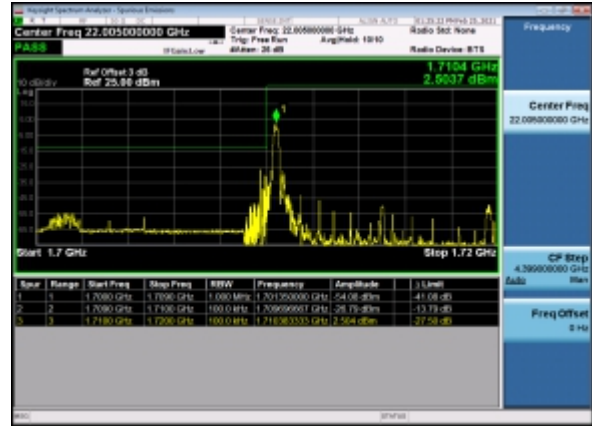
B2\_N66(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_I\_High\_CH



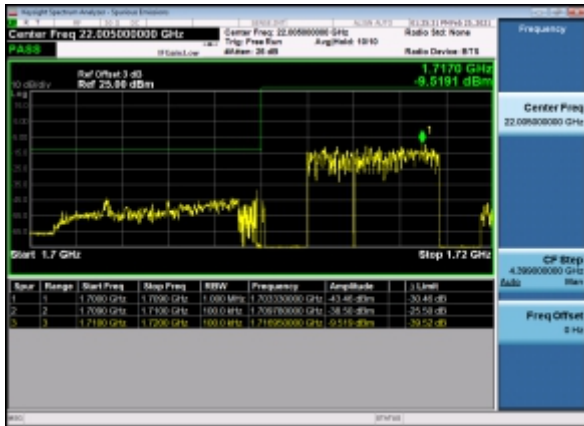
B2\_N66(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



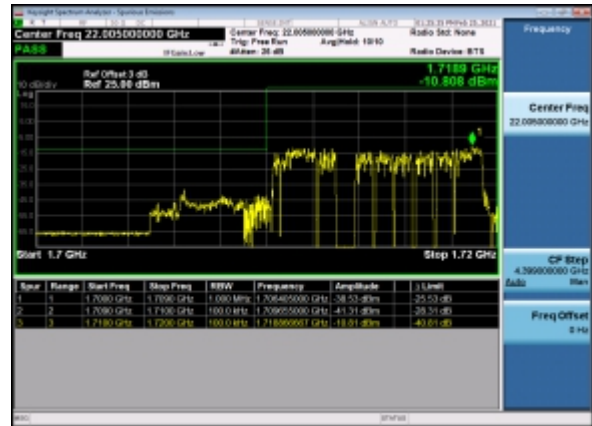
B2\_N66(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH



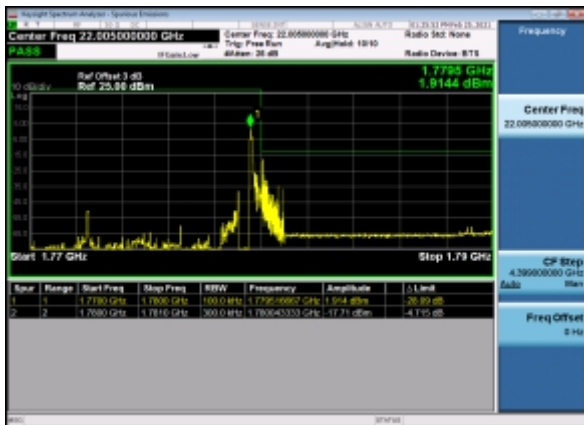
B2\_N66(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_Low\_CH



B2\_N66(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_Low\_CH



B2\_N66(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Right\_High\_CH



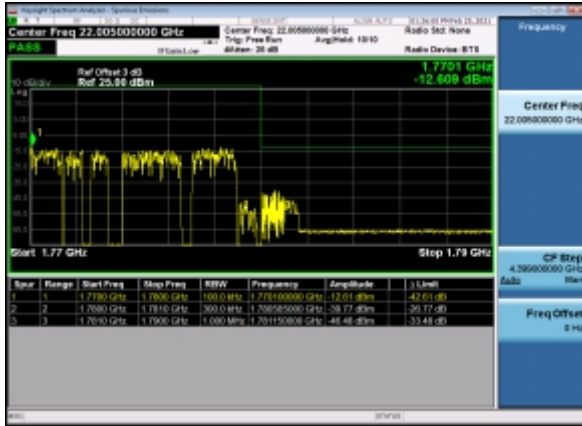
B2\_N66(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Right\_High\_CH







B2\_N66(15M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_High\_CH



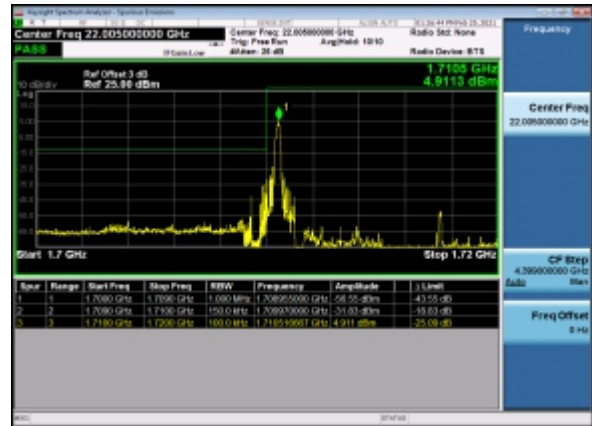
B2\_N66(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_High\_CH



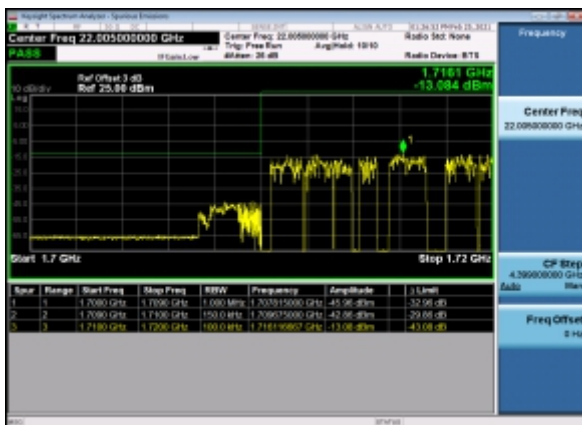
B2\_N66(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



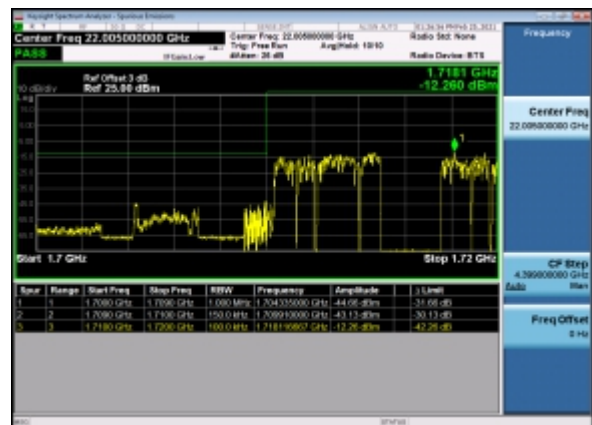
B2\_N66(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH



B2\_N66(15M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_Low\_CH



B2\_N66(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_Low\_CH



B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Right\_High\_CH



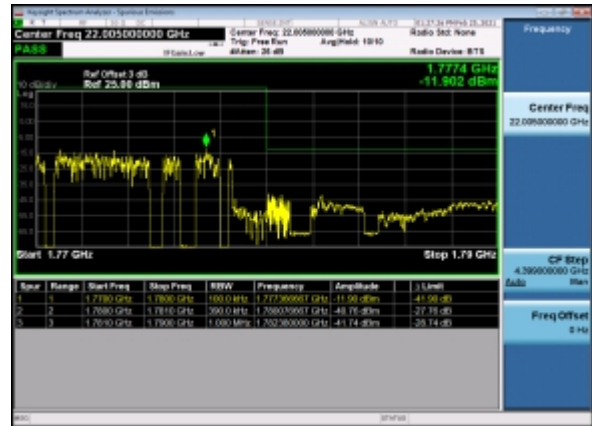
B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Right\_High\_CH



B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_High\_CH



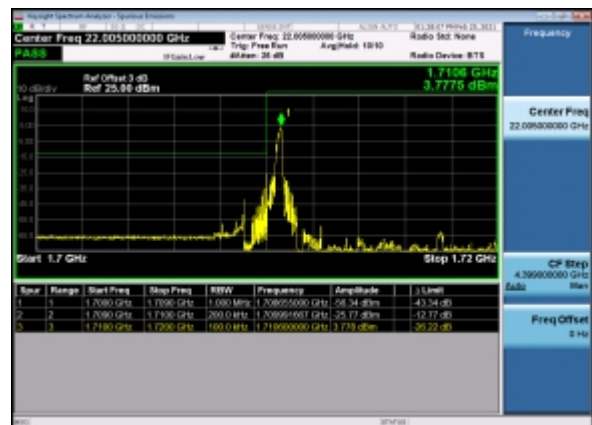
B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_High\_CH



B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH

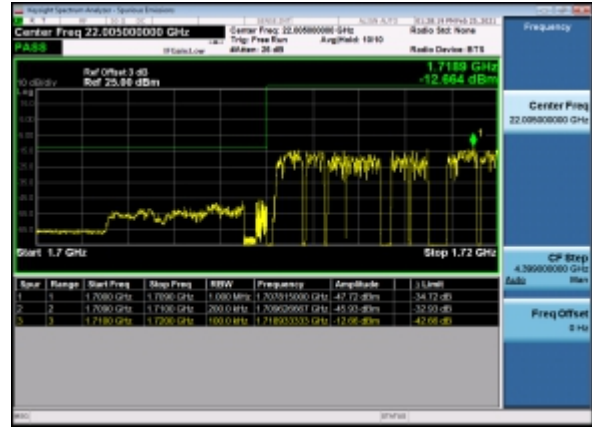




B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_Low\_CH



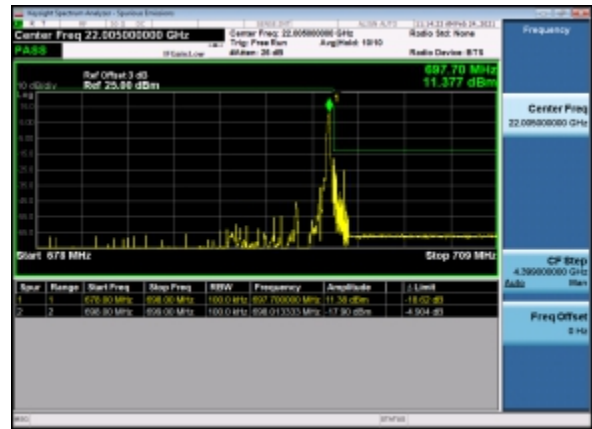
B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_Low\_CH



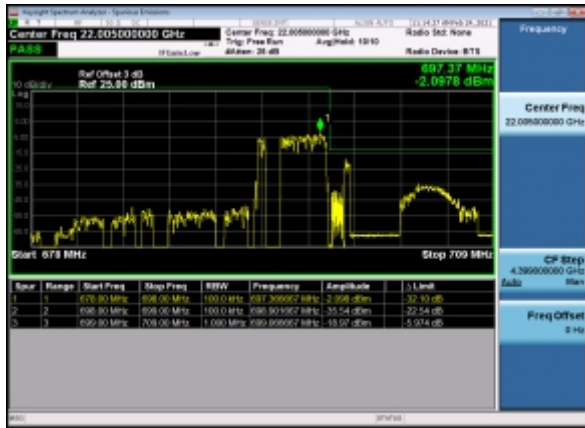
B7\_N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB  
\_Right\_High\_CH



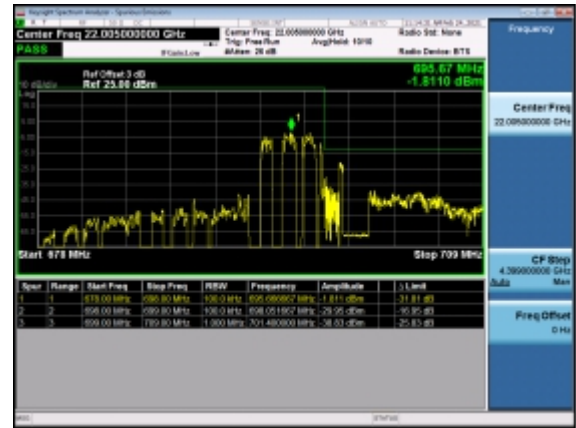
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\_Right\_High\_CH



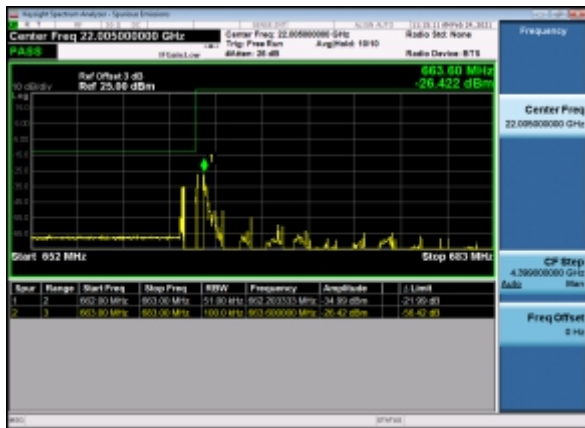
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\_High\_CH



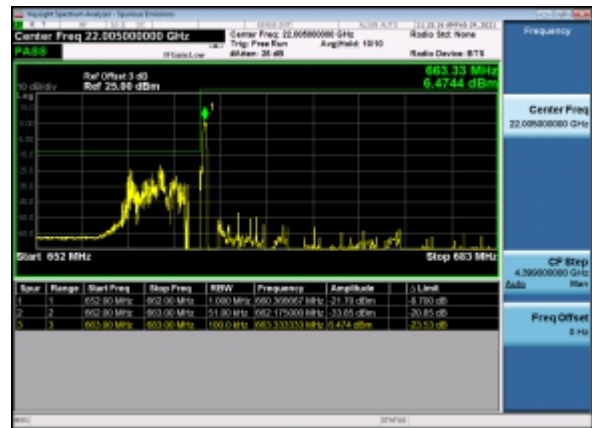
B7\_N71(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full  
\_High\_CH



B7\_N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB  
\_Left\_Low\_CH



B7\_N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB  
\_Left\_Low\_CH

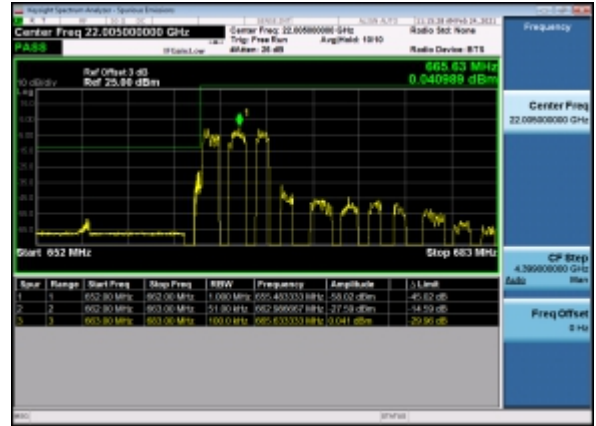




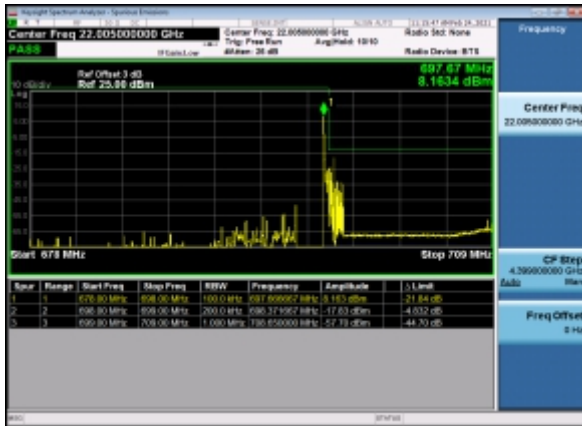
B7\_N71(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



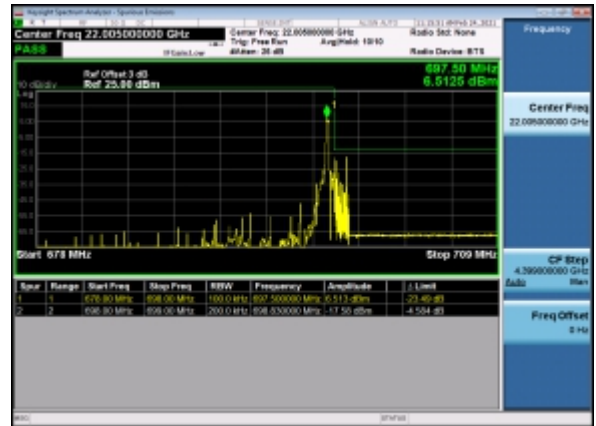
B7\_N71(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



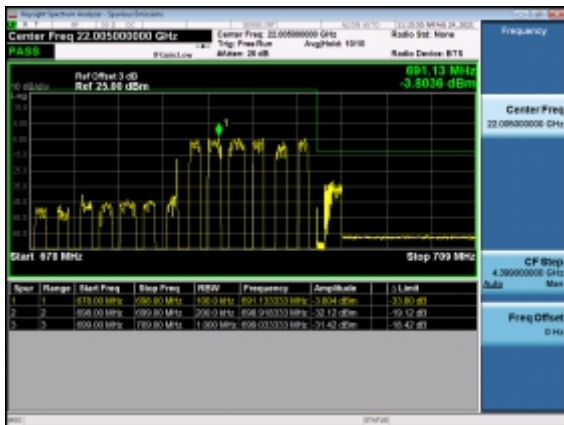
B7\_N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1R\_B\_Right\_High\_CH



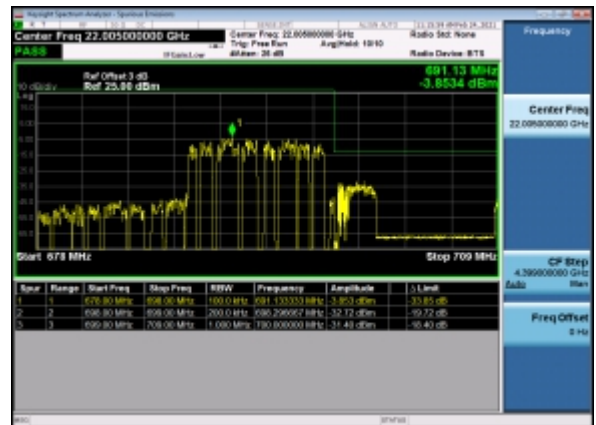
B7\_N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1R\_B\_Right\_High\_CH



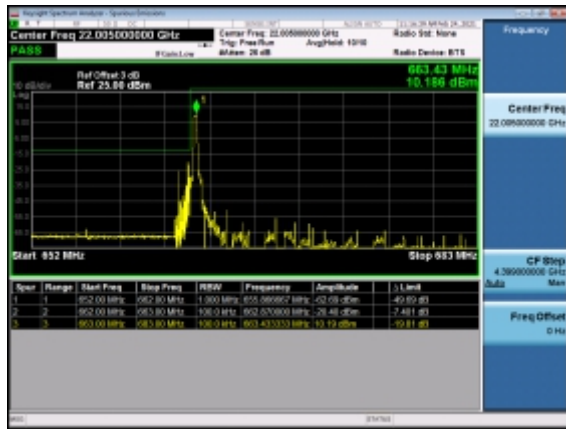
B7\_N71(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_I\_High\_CH



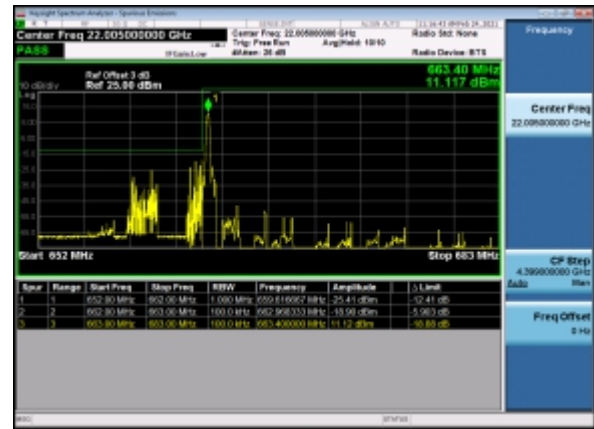
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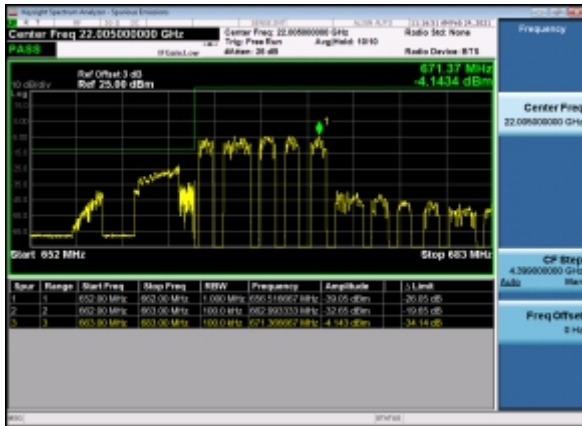
B7\_N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



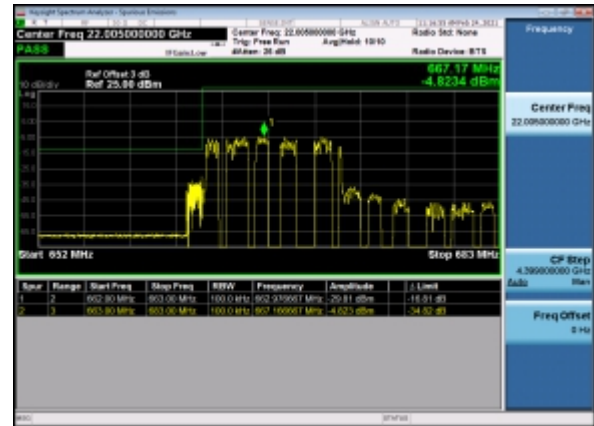
B7\_N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH



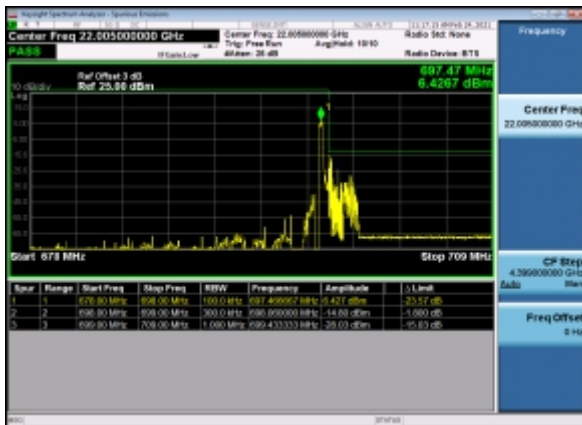
B7\_N71(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_Low\_CH



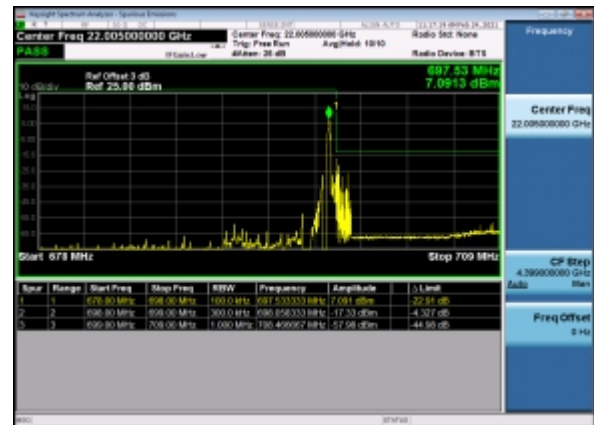
B7\_N71(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_Low\_CH



B7\_N71(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Right\_High\_CH

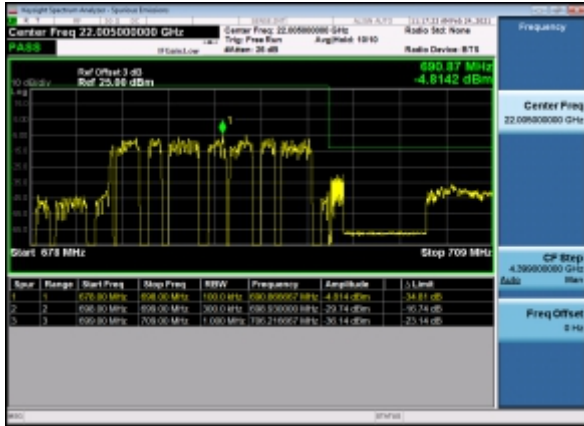


B7\_N71(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Right\_High\_CH

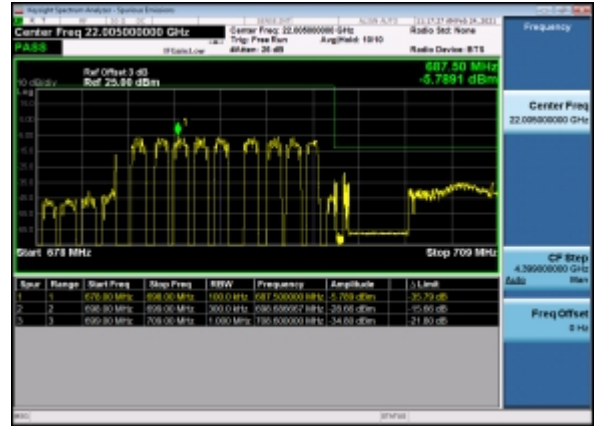




B7\_N71(15M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_High\_CH



B7\_N71(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_High\_CH



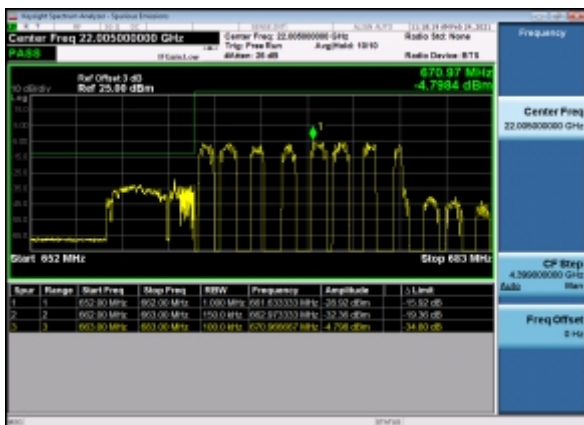
B7\_N71(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



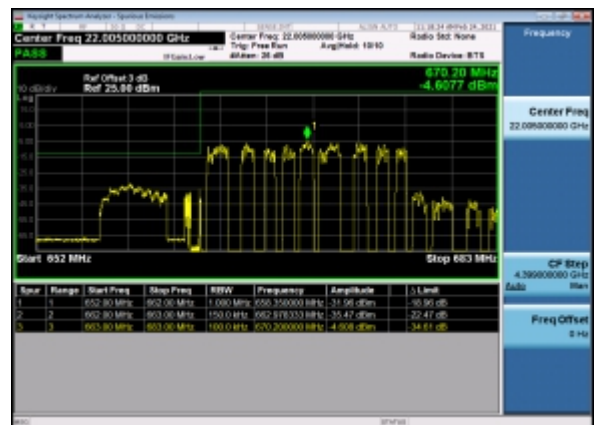
B7\_N71(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH



B7\_N71(15M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_Low\_CH



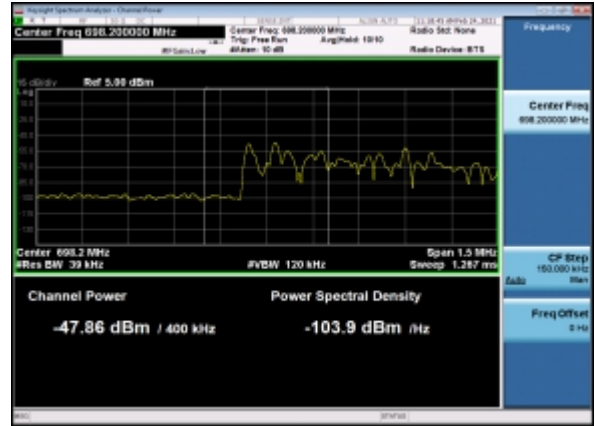
B7\_N71(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_Low\_CH



B7\_N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Right\_High\_CH



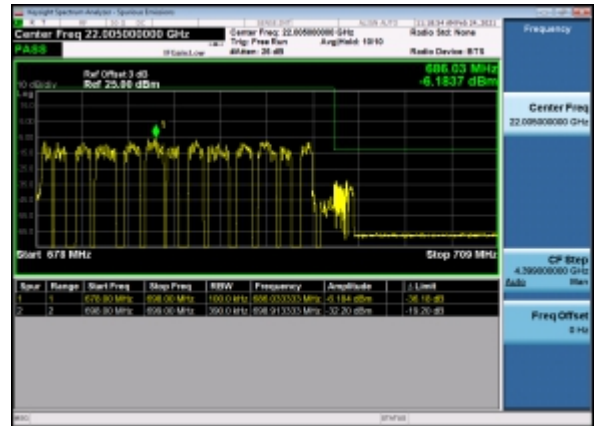
B7\_N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Right\_High\_CH



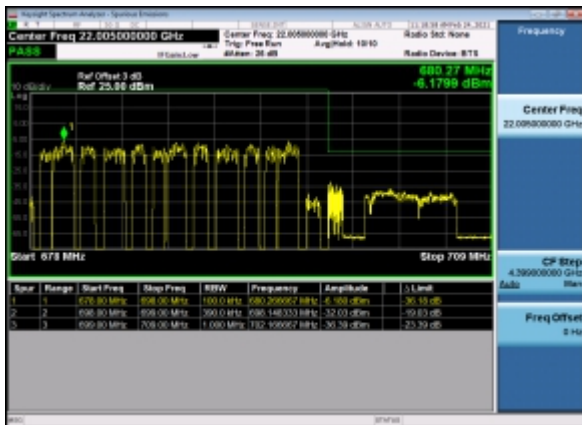
B7\_N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Right\_High\_CH



B7\_N71(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Ful  
I\_High\_CH



B7\_N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Ful  
I\_High\_CH



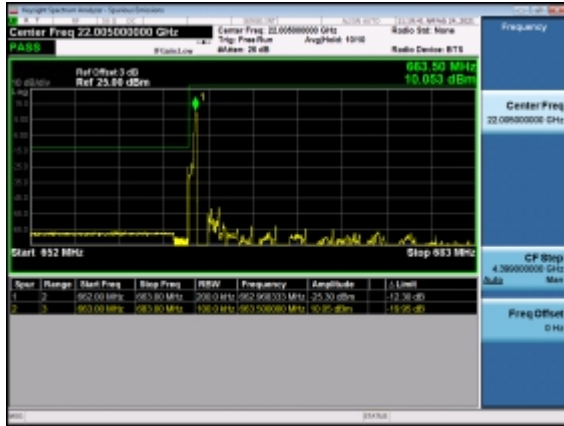
B7\_N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



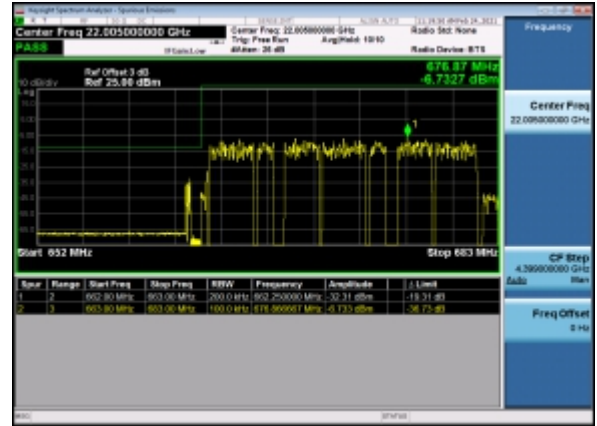




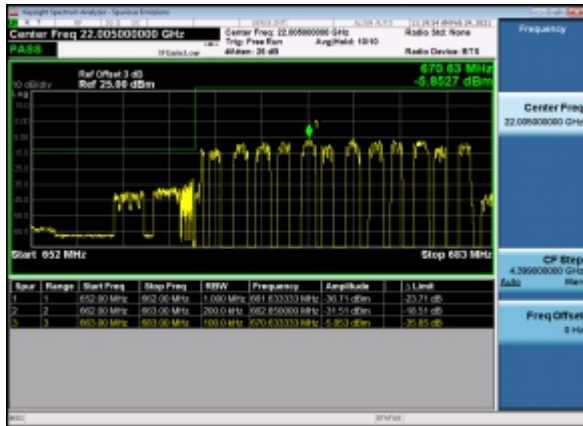
B7\_N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_  
Left\_Low\_CH



B7\_N71(20M)\_DFT-s-OFDM\_BPSK\_Outer\_F  
ull\_Low\_CH



B7\_N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_  
Low\_CH



## 2.7. Radiated Spurious Emissions

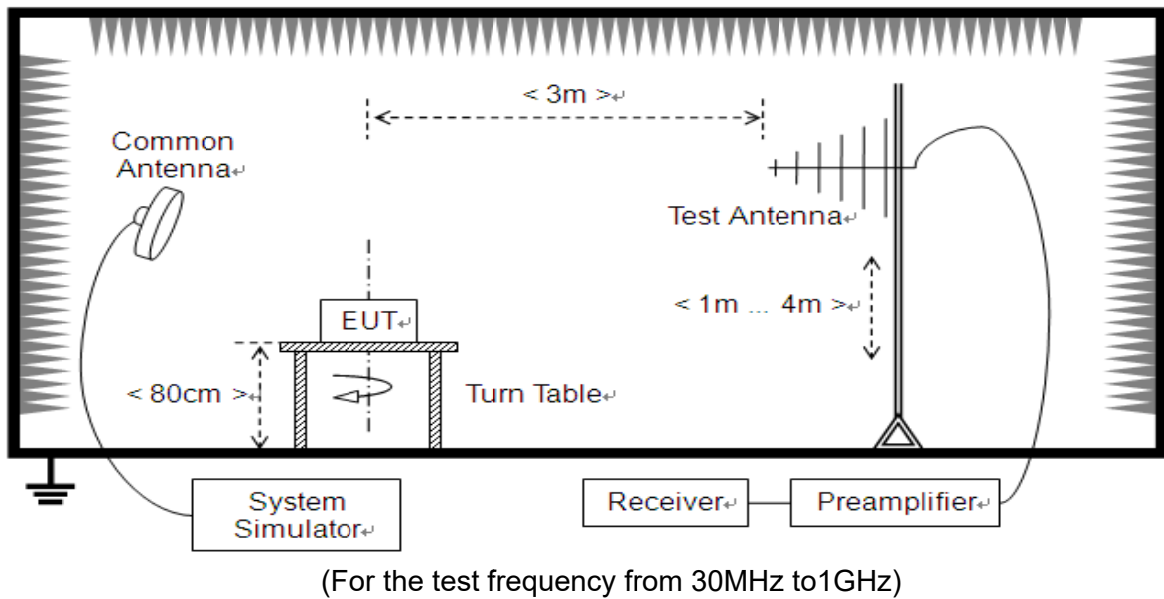
### 2.7.1. Requirement

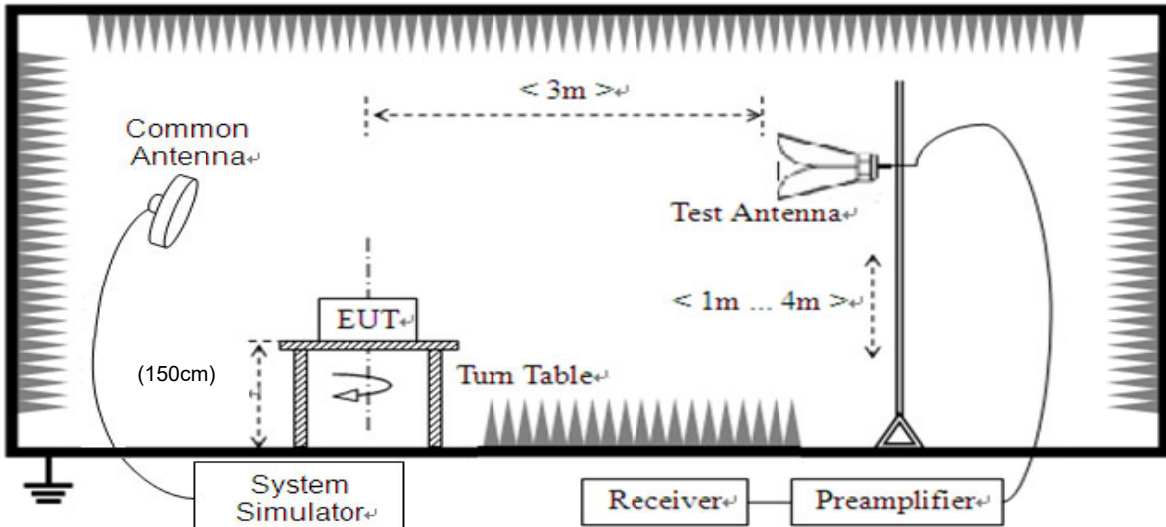
According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \cdot \log(P)$  dB. This calculated to be -13dBm.

Additional requirement for NR Band n41:

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  $55 + 10 \log(P)$  dB. This calculated to be -25dBm.

### 2.7.2. Test Description





(For the test frequency above 1GHz)

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 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) 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.

### 2.7.3. Test procedure

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



#### 2.7.4. Test Result

The measurement frequency range is from 30MHz 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  $A_{\text{SUBST}}$  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.

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

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

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

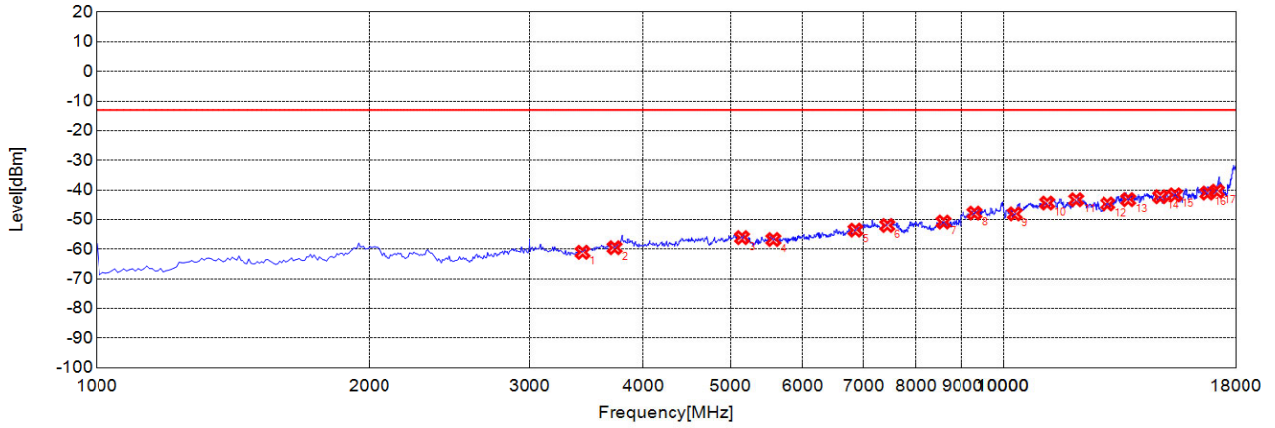
**Note2:** All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

**Note3:** All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.



2A\_N66

Test Graph



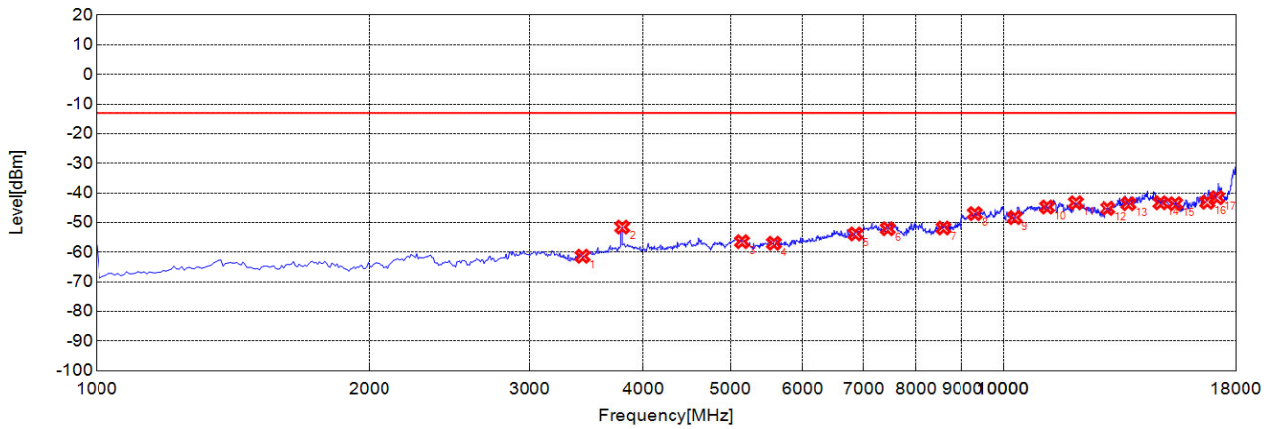
○ Final Test

CH 422500 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 1-18G H

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	3434.4340	-61.06	-13.00	48.06	-8.96	-47.52	38.56			Horizontal
2	3722.7230	-59.48	-13.00	46.48	-7.87	-47.08	39.21			Horizontal
3	5148.1480	-56.09	-13.00	43.09	-2.46	-43.82	41.36			Horizontal
4	5572.5730	-56.74	-13.00	43.74	-2.16	-42.94	40.78			Horizontal
5	6861.8620	-53.57	-13.00	40.57	2.33	-40.86	43.19			Horizontal
6	7438.4380	-52	-13.00	39.00	6.90	-38.85	45.75			Horizontal
7	8575.5760	-50.85	-13.00	37.85	7.31	-38.66	45.97			Horizontal
8	9297.2970	-47.82	-13.00	34.82	11.40	-37.29	48.69			Horizontal
9	10288.2880	-48.1	-13.00	35.10	11.86	-36.80	48.66			Horizontal
10	11162.1620	-44.43	-13.00	31.43	13.85	-34.80	48.65			Horizontal
11	12009.0090	-43.3	-13.00	30.30	18.04	-31.31	49.35			Horizontal
12	13018.0180	-44.73	-13.00	31.73	20.32	-29.83	50.15			Horizontal
13	13720.7210	-43.28	-13.00	30.28	20.64	-29.20	49.84			Horizontal
14	14873.8740	-42.29	-13.00	29.29	20.31	-29.53	49.84			Horizontal
15	15432.4320	-41.67	-13.00	28.67	21.94	-28.89	50.83			Horizontal
16	16747.7480	-41.07	-13.00	28.07	22.94	-28.73	51.67			Horizontal
17	17153.1530	-40.42	-13.00	27.42	23.51	-28.05	51.56			Horizontal

Test Graph



○ Final Test

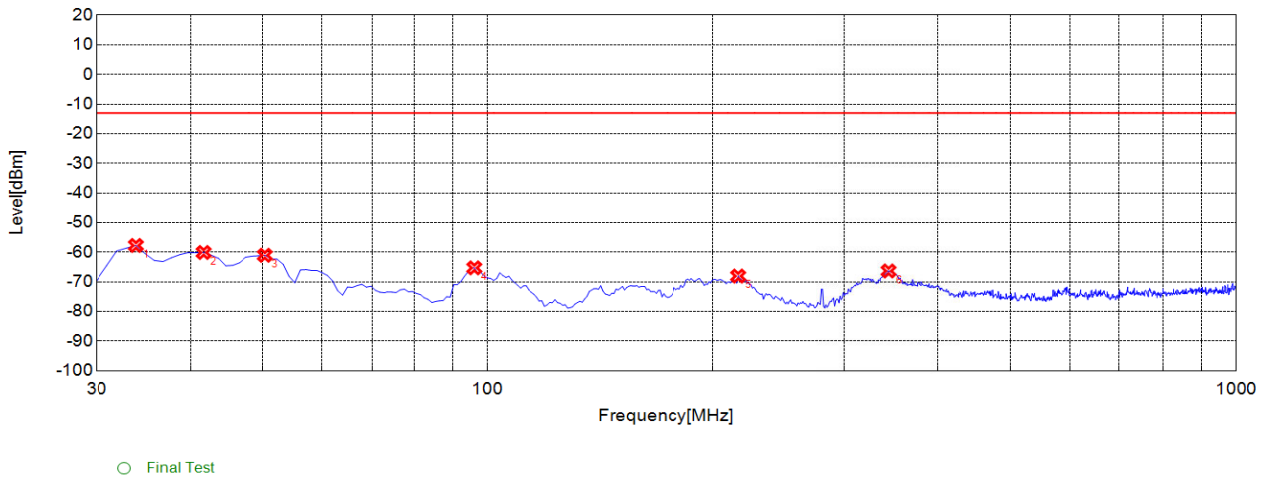
CH 422500 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 1-18G V

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	3434.4340	-61.36	-13.00	48.36	-9.59	-47.52	37.93			Vertical
2	3794.7950	-51.53	-13.00	38.53	-7.07	-46.13	39.06			Vertical
3	5148.1480	-56.45	-13.00	43.45	-2.51	-43.82	41.31			Vertical
4	5580.5810	-56.99	-13.00	43.99	-2.62	-43.00	40.38			Vertical
5	6861.8620	-53.85	-13.00	40.85	2.56	-40.86	43.42			Vertical
6	7446.4460	-52.09	-13.00	39.09	6.64	-38.84	45.48			Vertical
7	8575.5760	-51.83	-13.00	38.83	7.14	-38.66	45.80			Vertical
8	9306.3060	-46.98	-13.00	33.98	11.37	-37.26	48.63			Vertical
9	10288.2880	-48.33	-13.00	35.33	11.79	-36.80	48.59			Vertical
10	11162.1620	-44.76	-13.00	31.76	14.04	-34.80	48.84			Vertical
11	12000.0000	-43.31	-13.00	30.31	17.63	-31.33	48.96			Vertical
12	13018.0180	-45.22	-13.00	32.22	19.55	-29.83	49.38			Vertical
13	13729.7300	-43.63	-13.00	30.63	20.39	-29.22	49.61			Vertical
14	14882.8830	-43.33	-13.00	30.33	20.29	-29.66	49.95			Vertical
15	15441.4410	-43.63	-13.00	30.63	19.93	-28.84	48.77			Vertical
16	16738.7390	-43.14	-13.00	30.14	22.19	-28.68	50.87			Vertical
17	17153.1530	-41.59	-13.00	28.59	22.68	-28.05	50.73			Vertical



Test Graph

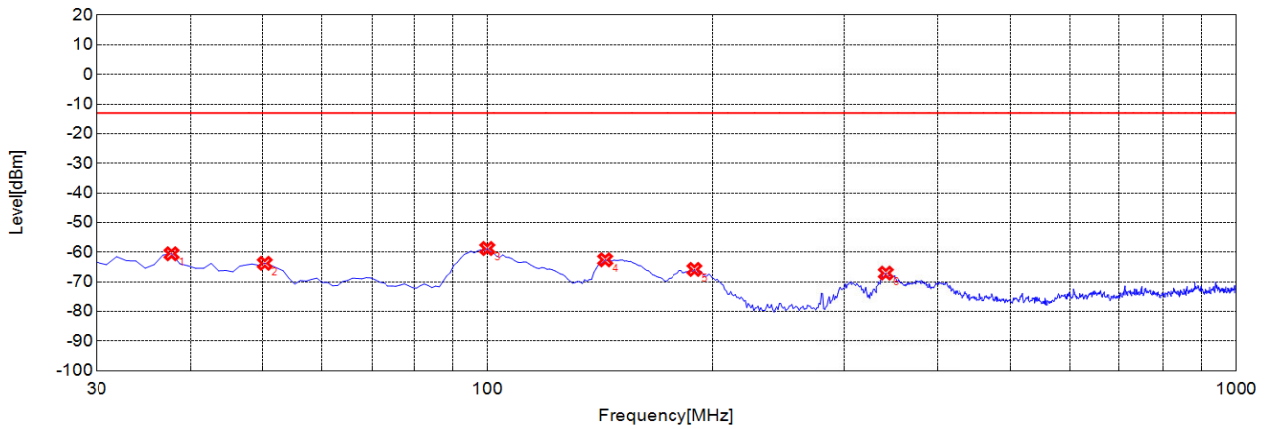


CH 422500 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 30M-1G H

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	33.8840	-57.73	-13.00	44.73	-9.81	-39.59	29.78			Horizontal
2	41.6520	-60.09	-13.00	47.09	-7.05	-39.53	32.48			Horizontal
3	50.3900	-61.04	-13.00	48.04	-7.16	-39.46	32.30			Horizontal
4	96.0260	-65.29	-13.00	52.29	-18.01	-38.70	20.69			Horizontal
5	216.4260	-68.06	-13.00	55.06	-12.91	-37.56	24.65			Horizontal
6	343.6240	-66.33	-13.00	53.33	-11.01	-37.01	26.00			Horizontal

Test Graph



○ Final Test

CH 422500 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 30M-1G V

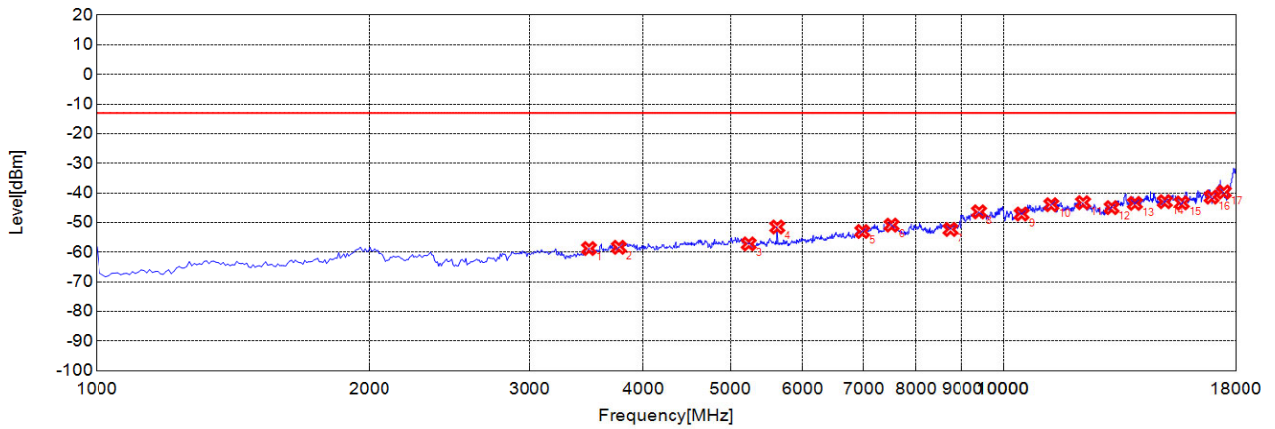
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	37.7680	-60.53	-13.00	47.53	-16.48	-39.56	23.08			Vertical
2	50.3900	-63.75	-13.00	50.75	-15.33	-39.46	24.13			Vertical
3	99.9100	-58.75	-13.00	45.75	-12.46	-38.70	26.24			Vertical
4	143.6040	-62.57	-13.00	49.57	-15.68	-38.61	22.93			Vertical
5	189.2390	-65.81	-13.00	52.81	-15.49	-38.10	22.61			Vertical
6	340.7110	-67.08	-13.00	54.08	-10.27	-37.01	26.74			Vertical





Test Graph



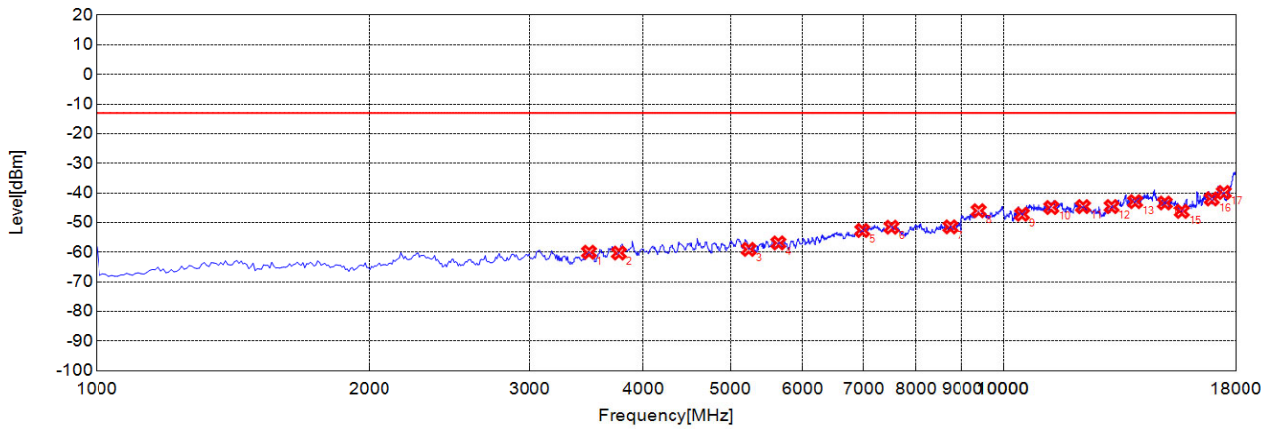
CH 429000 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 1-18G H

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	3490.4900	-58.76	-13.00	45.76	-8.44	-47.40	38.96			Horizontal
2	3762.7630	-58.35	-13.00	45.35	-7.87	-47.22	39.35			Horizontal
3	5236.2360	-57.21	-13.00	44.21	-2.54	-43.40	40.86			Horizontal
4	5628.6290	-51.5	-13.00	38.50	-2.14	-42.96	40.82			Horizontal
5	6981.9820	-53.01	-13.00	40.01	3.99	-40.09	44.08			Horizontal
6	7518.5190	-50.86	-13.00	37.86	7.76	-38.24	46.00			Horizontal
7	8727.7280	-52.32	-13.00	39.32	7.68	-39.01	46.69			Horizontal
8	9405.4050	-46.39	-13.00	33.39	12.51	-36.48	48.99			Horizontal
9	10468.4680	-47.12	-13.00	34.12	12.69	-36.33	49.02			Horizontal
10	11279.2790	-43.97	-13.00	30.97	14.70	-34.15	48.85			Horizontal
11	12216.2160	-43.27	-13.00	30.27	18.02	-31.25	49.27			Horizontal
12	13162.1620	-44.96	-13.00	31.96	20.23	-29.49	49.72			Horizontal
13	13954.9550	-43.53	-13.00	30.53	20.92	-28.63	49.55			Horizontal
14	15045.0450	-42.96	-13.00	29.96	20.66	-29.19	49.85			Horizontal
15	15702.7030	-43.38	-13.00	30.38	21.14	-29.81	50.95			Horizontal
16	16918.9190	-41.4	-13.00	28.40	24.36	-27.94	52.30			Horizontal
17	17450.4500	-39.7	-13.00	26.70	23.91	-27.10	51.01			Horizontal



Test Graph



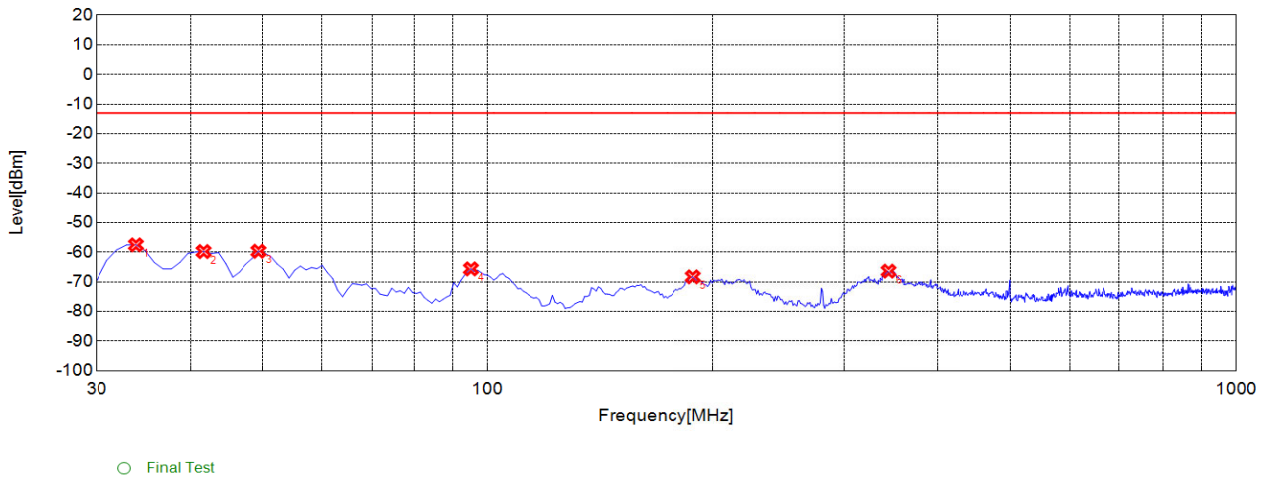
CH 429000 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 1-18G V

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	3490.4900	-60	-13.00	47.00	-8.92	-47.40	38.48			Vertical
2	3762.7630	-60.28	-13.00	47.28	-8.16	-47.22	39.06			Vertical
3	5236.2360	-59.06	-13.00	46.06	-2.87	-43.40	40.53			Vertical
4	5644.6450	-56.88	-13.00	43.88	-2.36	-42.85	40.49			Vertical
5	6981.9820	-52.66	-13.00	39.66	3.83	-40.09	43.92			Vertical
6	7518.5190	-51.57	-13.00	38.57	7.44	-38.24	45.68			Vertical
7	8727.7280	-51.46	-13.00	38.46	7.49	-39.01	46.50			Vertical
8	9396.3960	-46.01	-13.00	33.01	12.66	-36.40	49.06			Vertical
9	10477.4770	-47.2	-13.00	34.20	12.55	-36.32	48.87			Vertical
10	11279.2790	-44.93	-13.00	31.93	14.71	-34.15	48.86			Vertical
11	12216.2160	-44.62	-13.00	31.62	17.60	-31.25	48.85			Vertical
12	13162.1620	-44.61	-13.00	31.61	19.65	-29.49	49.14			Vertical
13	13963.9640	-42.94	-13.00	29.94	21.10	-28.56	49.66			Vertical
14	15045.0450	-43.4	-13.00	30.40	20.38	-29.19	49.57			Vertical
15	15702.7030	-46.23	-13.00	33.23	18.54	-29.81	48.35			Vertical
16	16927.9280	-42.02	-13.00	29.02	23.37	-28.31	51.68			Vertical
17	17450.4500	-39.84	-13.00	26.84	23.06	-27.10	50.16			Vertical



Test Graph



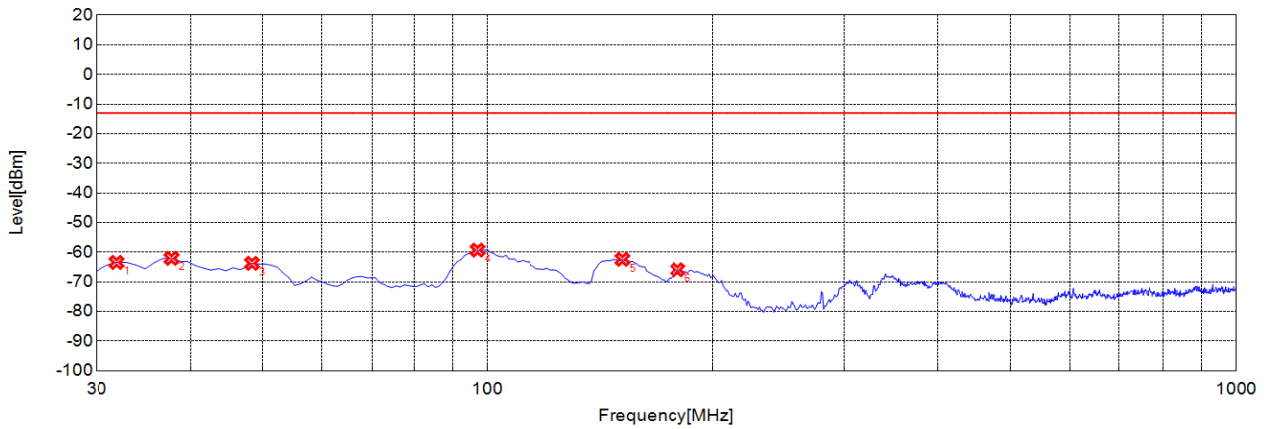
CH 429000 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 30M-1G H

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	33.8840	-57.53	-13.00	44.53	-9.81	-39.59	29.78			Horizontal
2	41.6520	-59.78	-13.00	46.78	-7.05	-39.53	32.48			Horizontal
3	49.4190	-59.68	-13.00	46.68	-7.01	-39.46	32.45			Horizontal
4	95.0550	-65.63	-13.00	52.63	-18.16	-38.70	20.54			Horizontal
5	188.2680	-68.32	-13.00	55.32	-15.20	-38.10	22.90			Horizontal
6	343.6240	-66.39	-13.00	53.39	-11.01	-37.01	26.00			Horizontal



Test Graph



○ Final Test

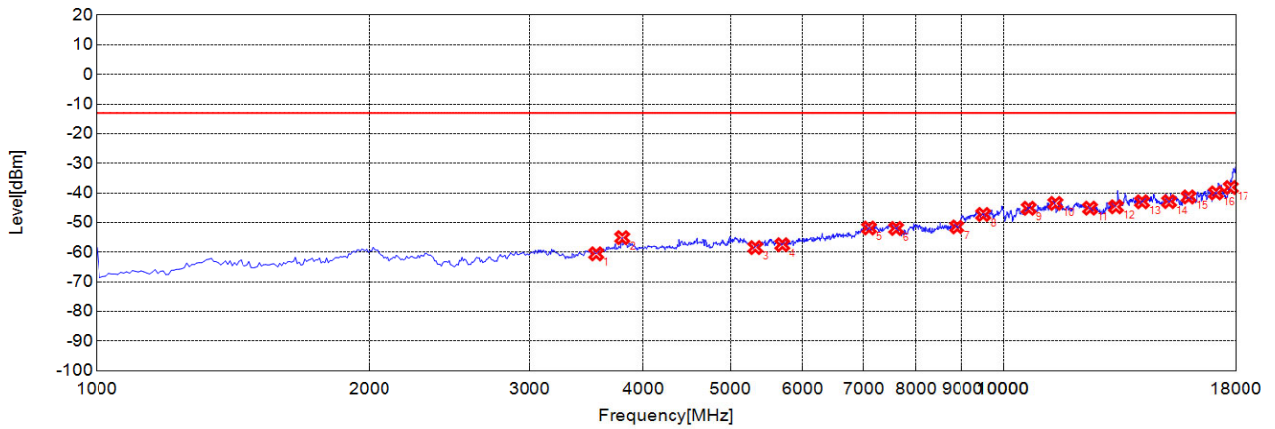
CH 429000 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 30M-1G V

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	-63.45	-13.00	50.45	-16.89	-39.60	22.71			Vertical
2	37.7680	-62.08	-13.00	49.08	-16.48	-39.56	23.08			Vertical
3	48.4480	-63.76	-13.00	50.76	-15.38	-39.47	24.09			Vertical
4	96.9970	-59.29	-13.00	46.29	-13.67	-38.70	25.03			Vertical
5	151.3710	-62.4	-13.00	49.40	-16.75	-38.62	21.87			Vertical
6	179.5300	-65.93	-13.00	52.93	-16.67	-38.11	21.44			Vertical



Test Graph



○ Final Test

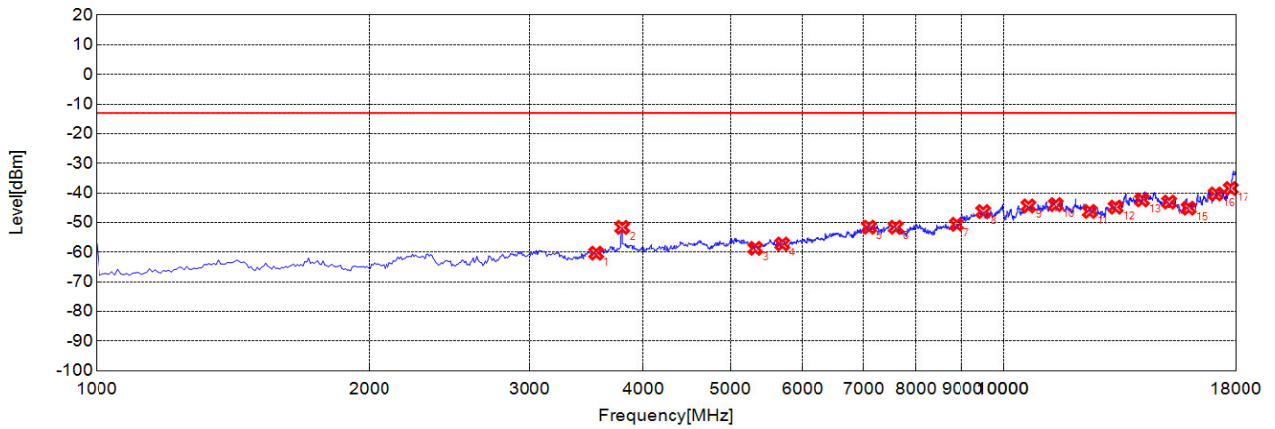
CH 435500 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 1-18G H

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	3554.5550	-60.55	-13.00	47.55	-8.72	-47.89	39.17			Horizontal
2	3794.7950	-55.09	-13.00	42.09	-6.67	-46.13	39.46			Horizontal
3	5324.3240	-58.45	-13.00	45.45	-2.74	-43.22	40.48			Horizontal
4	5700.7010	-57.48	-13.00	44.48	-1.91	-42.74	40.83			Horizontal
5	7102.1020	-51.85	-13.00	38.85	5.02	-39.77	44.79			Horizontal
6	7606.6070	-51.99	-13.00	38.99	7.24	-37.81	45.05			Horizontal
7	8879.8800	-51.47	-13.00	38.47	7.41	-39.24	46.65			Horizontal
8	9504.5050	-47.27	-13.00	34.27	10.83	-37.36	48.19			Horizontal
9	10657.6580	-45.17	-13.00	32.17	13.76	-34.86	48.62			Horizontal
10	11396.3960	-43.53	-13.00	30.53	16.10	-33.33	49.43			Horizontal
11	12432.4320	-45.13	-13.00	32.13	18.05	-30.66	48.71			Horizontal
12	13306.3060	-44.68	-13.00	31.68	20.57	-29.02	49.59			Horizontal
13	14207.2070	-42.99	-13.00	29.99	21.15	-28.81	49.96			Horizontal
14	15207.2070	-42.93	-13.00	29.93	21.05	-29.35	50.40			Horizontal
15	15972.9730	-41.34	-13.00	28.34	21.67	-29.28	50.95			Horizontal
16	17108.1080	-40	-13.00	27.00	23.93	-27.49	51.42			Horizontal
17	17756.7570	-38.16	-13.00	25.16	26.44	-26.48	52.92			Horizontal



Test Graph



○ Final Test

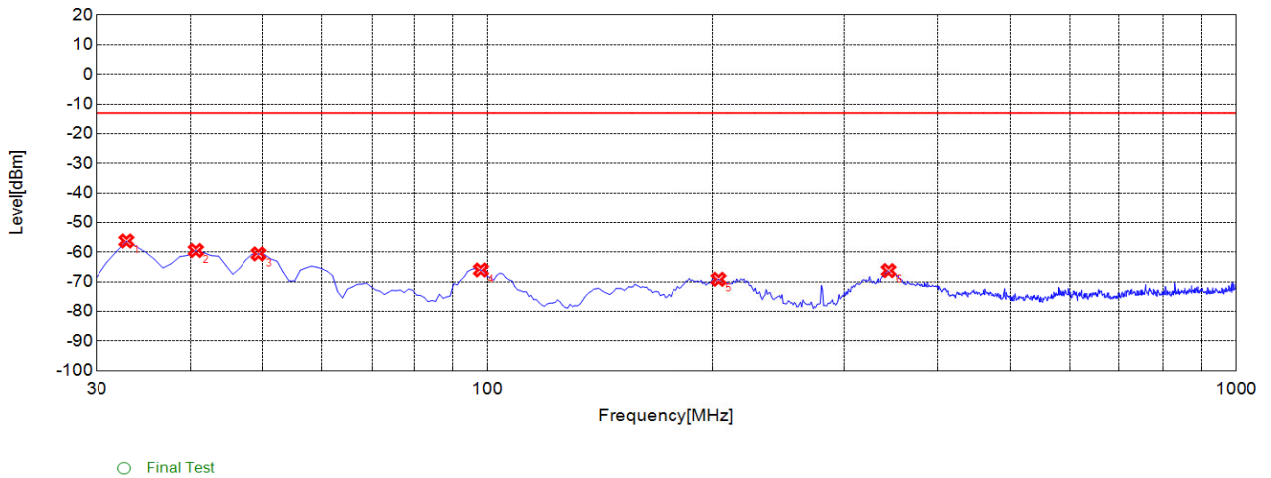
CH 435500 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 1-18G V

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	3554.5550	-60.33	-13.00	47.33	-9.25	-47.89	38.64			Vertical
2	3794.7950	-51.62	-13.00	38.62	-7.07	-46.13	39.06			Vertical
3	5324.3240	-58.69	-13.00	45.69	-3.13	-43.22	40.09			Vertical
4	5700.7010	-57.25	-13.00	44.25	-2.07	-42.74	40.67			Vertical
5	7102.1020	-51.56	-13.00	38.56	5.12	-39.77	44.89			Vertical
6	7598.5990	-51.58	-13.00	38.58	7.40	-37.78	45.18			Vertical
7	8871.8720	-50.59	-13.00	37.59	7.70	-39.15	46.85			Vertical
8	9504.5050	-46.28	-13.00	33.28	11.05	-37.36	48.41			Vertical
9	10648.6490	-44.39	-13.00	31.39	13.79	-34.97	48.76			Vertical
10	11405.4050	-43.93	-13.00	30.93	15.83	-33.51	49.34			Vertical
11	12423.4230	-46.24	-13.00	33.24	17.12	-30.81	47.93			Vertical
12	13297.2970	-44.8	-13.00	31.80	19.98	-29.20	49.18			Vertical
13	14207.2070	-42.35	-13.00	29.35	21.73	-28.81	50.54			Vertical
14	15207.2070	-43.07	-13.00	30.07	19.74	-29.35	49.09			Vertical
15	15972.9730	-45.13	-13.00	32.13	19.31	-29.28	48.59			Vertical
16	17099.0990	-40.33	-13.00	27.33	23.21	-27.37	50.58			Vertical
17	17756.7570	-38.5	-13.00	25.50	25.54	-26.48	52.02			Vertical



Test Graph



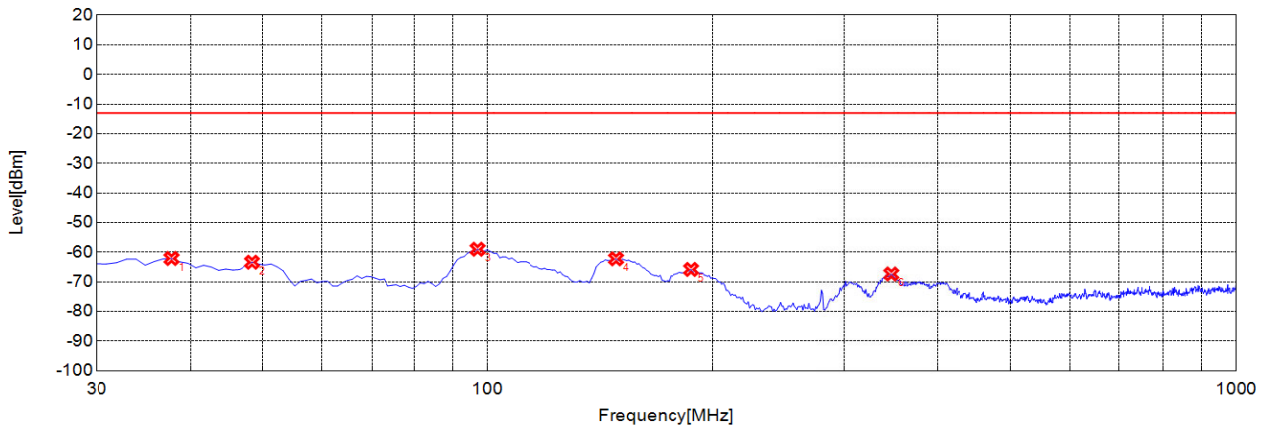
CH 435500 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 30M-1G H

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	32.9130	-56.21	-13.00	43.21	-10.25	-39.60	29.35			Horizontal
2	40.6810	-59.42	-13.00	46.42	-7.05	-39.53	32.48			Horizontal
3	49.4190	-60.59	-13.00	47.59	-7.01	-39.46	32.45			Horizontal
4	97.9680	-66.02	-13.00	53.02	-17.71	-38.70	20.99			Horizontal
5	203.8040	-69.15	-13.00	56.15	-14.59	-37.73	23.14			Horizontal
6	343.6240	-66.23	-13.00	53.23	-11.01	-37.01	26.00			Horizontal



Test Graph



○ Final Test

CH 435500 5M CP-OFDM QPSK 1RB\_Left SCS 15KHz 30M-1G V

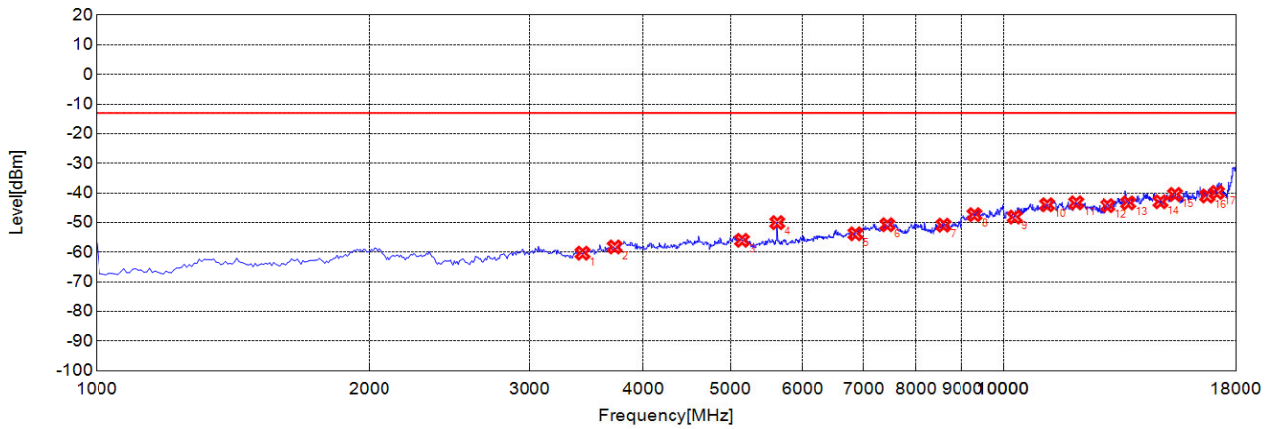
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	37.7680	-62.13	-13.00	49.13	-16.48	-39.56	23.08			Vertical
2	48.4480	-63.38	-13.00	50.38	-15.38	-39.47	24.09			Vertical
3	96.9970	-59	-13.00	46.00	-13.67	-38.70	25.03			Vertical
4	148.4580	-62.25	-13.00	49.25	-16.47	-38.65	22.18			Vertical
5	187.2970	-65.82	-13.00	52.82	-15.73	-38.10	22.37			Vertical
6	346.5370	-67.36	-13.00	54.36	-10.29	-37.00	26.71			Vertical





Test Graph



○ Final Test

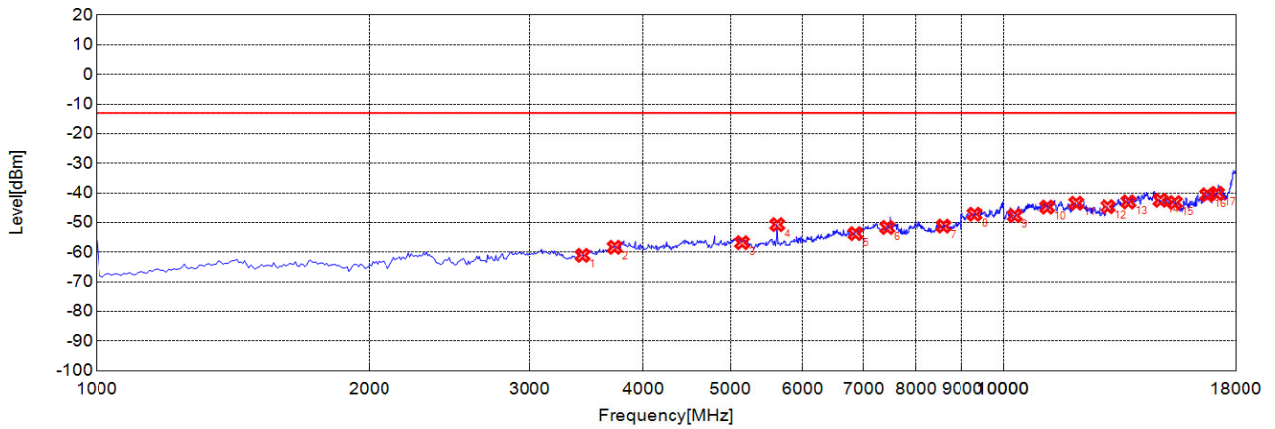
CH 423000 10M DFT-s-OFDM PI/2 BPSK Full SCS 15KHz 1-18G H

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	3434.4340	-60.33	-13.00	47.33	-8.96	-47.52	38.56			Horizontal
2	3722.7230	-58.22	-13.00	45.22	-7.87	-47.08	39.21			Horizontal
3	5148.1480	-55.99	-13.00	42.99	-2.46	-43.82	41.36			Horizontal
4	5628.6290	-50.02	-13.00	37.02	-2.14	-42.96	40.82			Horizontal
5	6861.8620	-53.8	-13.00	40.80	2.33	-40.86	43.19			Horizontal
6	7438.4380	-50.73	-13.00	37.73	6.90	-38.85	45.75			Horizontal
7	8575.5760	-50.87	-13.00	37.87	7.31	-38.66	45.97			Horizontal
8	9297.2970	-47.34	-13.00	34.34	11.40	-37.29	48.69			Horizontal
9	10288.2880	-48.15	-13.00	35.15	11.86	-36.80	48.66			Horizontal
10	11162.1620	-43.99	-13.00	30.99	13.85	-34.80	48.65			Horizontal
11	12009.0090	-43.33	-13.00	30.33	18.04	-31.31	49.35			Horizontal
12	13018.0180	-44.29	-13.00	31.29	20.32	-29.83	50.15			Horizontal
13	13720.7210	-43.36	-13.00	30.36	20.64	-29.20	49.84			Horizontal
14	14882.8830	-42.98	-13.00	29.98	20.18	-29.66	49.84			Horizontal
15	15432.4320	-40.5	-13.00	27.50	21.94	-28.89	50.83			Horizontal
16	16738.7390	-41.03	-13.00	28.03	23.01	-28.68	51.69			Horizontal
17	17153.1530	-39.83	-13.00	26.83	23.51	-28.05	51.56			Horizontal



Test Graph



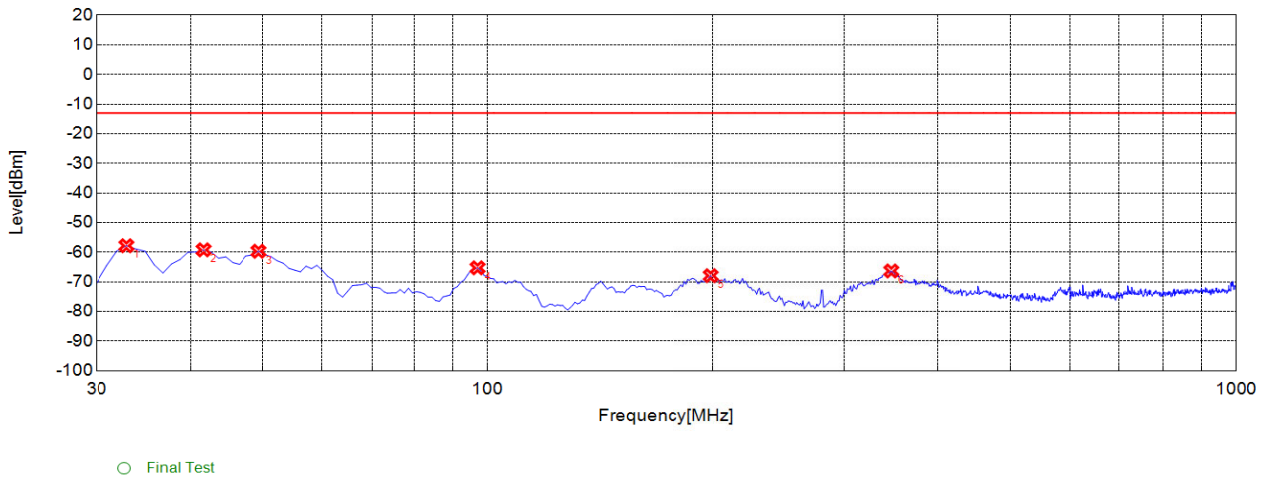
CH 423000 10M DFT-s-OFDM PI/2 BPSK Full SCS 15KHz 1-18G V

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	3434.4340	-61.07	-13.00	48.07	-9.59	-47.52	37.93			Vertical
2	3722.7230	-58.34	-13.00	45.34	-8.01	-47.08	39.07			Vertical
3	5148.1480	-56.78	-13.00	43.78	-2.51	-43.82	41.31			Vertical
4	5628.6290	-50.69	-13.00	37.69	-2.52	-42.96	40.44			Vertical
5	6861.8620	-53.74	-13.00	40.74	2.56	-40.86	43.42			Vertical
6	7438.4380	-51.65	-13.00	38.65	6.58	-38.85	45.43			Vertical
7	8575.5760	-51.19	-13.00	38.19	7.14	-38.66	45.80			Vertical
8	9297.2970	-47.19	-13.00	34.19	11.28	-37.29	48.57			Vertical
9	10288.2880	-47.65	-13.00	34.65	11.79	-36.80	48.59			Vertical
10	11162.1620	-44.78	-13.00	31.78	14.04	-34.80	48.84			Vertical
11	12009.0090	-43.46	-13.00	30.46	17.63	-31.31	48.94			Vertical
12	13027.0270	-44.62	-13.00	31.62	19.51	-29.85	49.36			Vertical
13	13729.7300	-43.05	-13.00	30.05	20.39	-29.22	49.61			Vertical
14	14882.8830	-42.47	-13.00	29.47	20.29	-29.66	49.95			Vertical
15	15432.4320	-43.25	-13.00	30.25	19.88	-28.89	48.77			Vertical
16	16738.7390	-40.64	-13.00	27.64	22.19	-28.68	50.87			Vertical
17	17153.1530	-40.17	-13.00	27.17	22.68	-28.05	50.73			Vertical



Test Graph



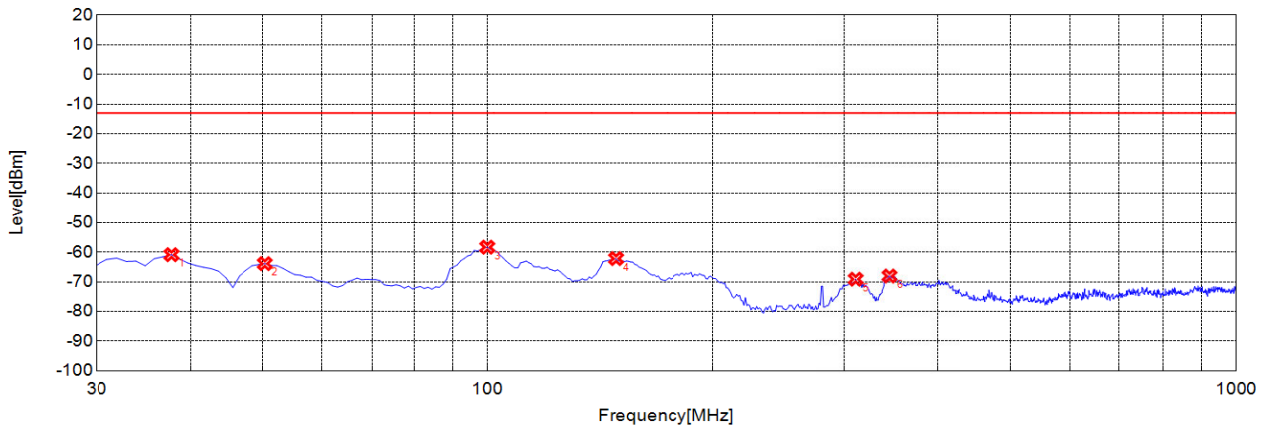
CH 423000 10M DFT-s-OFDM PI/2 BPSK Full SCS 15KHz 30M-1G H

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	32.9130	-57.82	-13.00	44.82	-10.25	-39.60	29.35			Horizontal
2	41.6520	-59.21	-13.00	46.21	-7.05	-39.53	32.48			Horizontal
3	49.4190	-59.69	-13.00	46.69	-7.01	-39.46	32.45			Horizontal
4	96.9970	-65.28	-13.00	52.28	-17.86	-38.70	20.84			Horizontal
5	198.9490	-67.93	-13.00	54.93	-14.91	-37.86	22.95			Horizontal
6	346.5370	-66.33	-13.00	53.33	-10.69	-37.00	26.31			Horizontal



Test Graph



○ Final Test

CH 423000 10M DFT-s-OFDM PI/2 BPSK Full SCS 15KHz 30M-1G V

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	-60.84	-13.00	47.84	-16.48	-39.56	23.08			Vertical
2	50.3900	-63.86	-13.00	50.86	-15.33	-39.46	24.13			Vertical
3	99.9100	-58.3	-13.00	45.30	-12.46	-38.70	26.24			Vertical
4	148.4580	-62.16	-13.00	49.16	-16.47	-38.65	22.18			Vertical
5	310.6110	-69.11	-13.00	56.11	-11.80	-36.96	25.16			Vertical
6	344.5950	-68.05	-13.00	55.05	-10.28	-37.00	26.72			Vertical