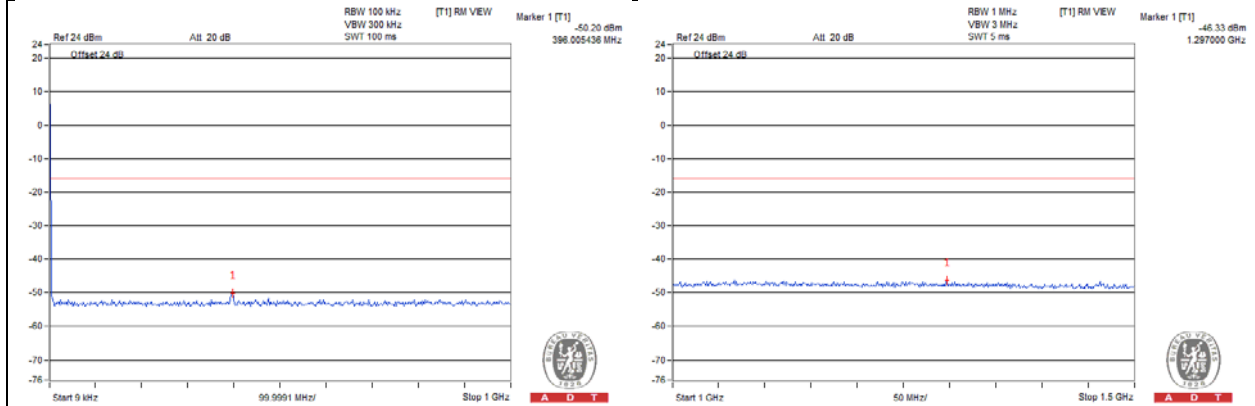


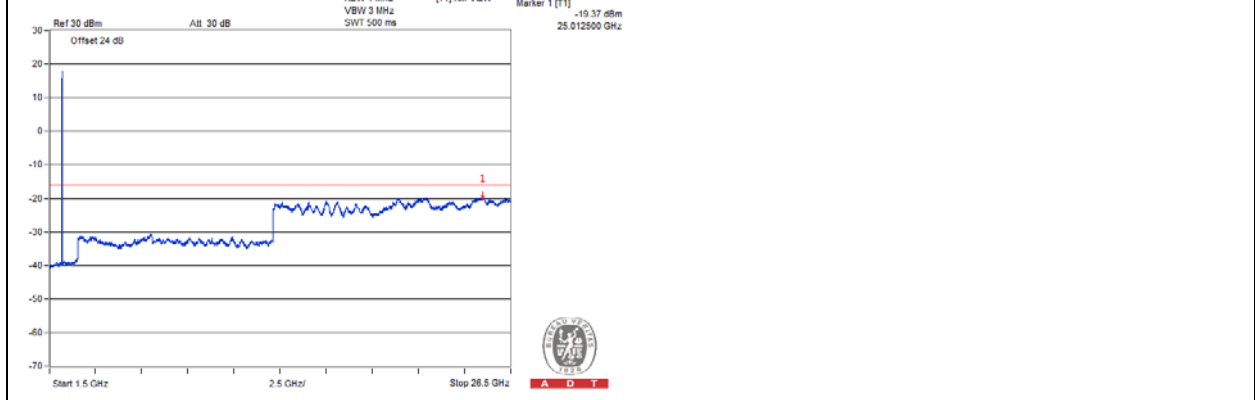
#### 4.6.4 Test Results (With POE)

Chain 0				
QPSK / Channel Bandwidth: 5MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.20	-16.01	-34.19	Pass
1297	-46.33	-16.01	-30.32	Pass
25012.5	-19.37	-16.01	-3.36	Pass

Channel 1975
Frequency Range : 9kHz~1GHz
Frequency Range : 1GHz ~1.5GHz



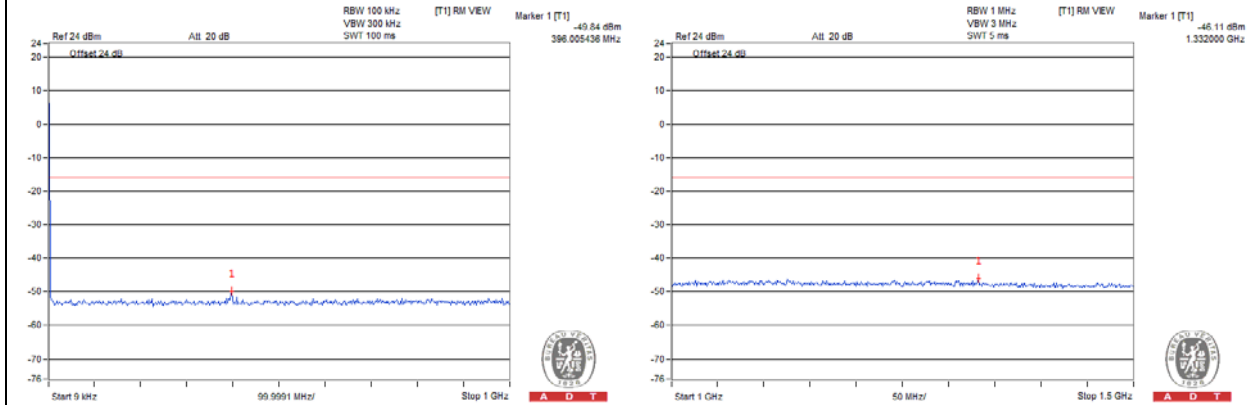
Frequency Range : 1.5GHz ~26.5GHz
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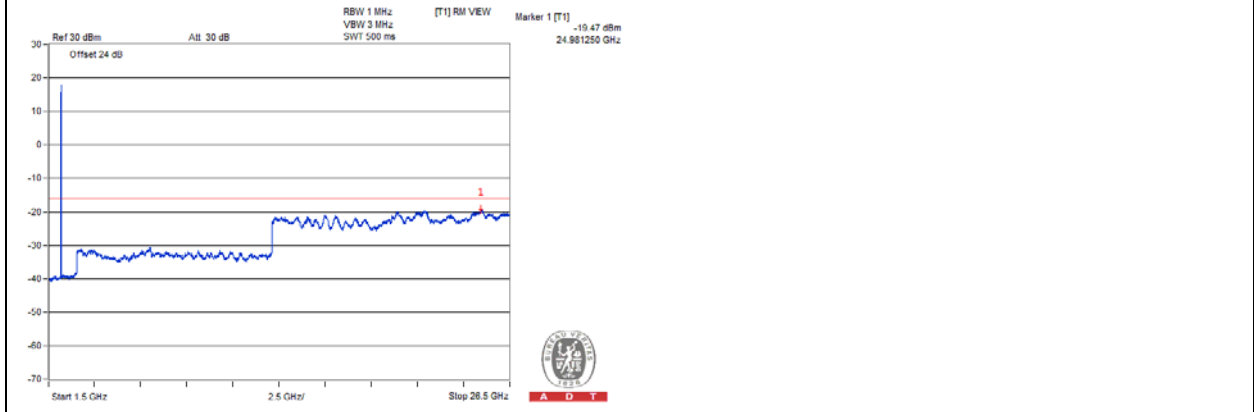
Chain 1				
QPSK / Channel Bandwidth: 5MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-49.84	-16.01	-33.83	Pass
1332	-46.11	-16.01	-30.1	Pass
24981.25	-19.47	-16.01	-3.46	Pass

Channel 1975

Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~1.5GHz
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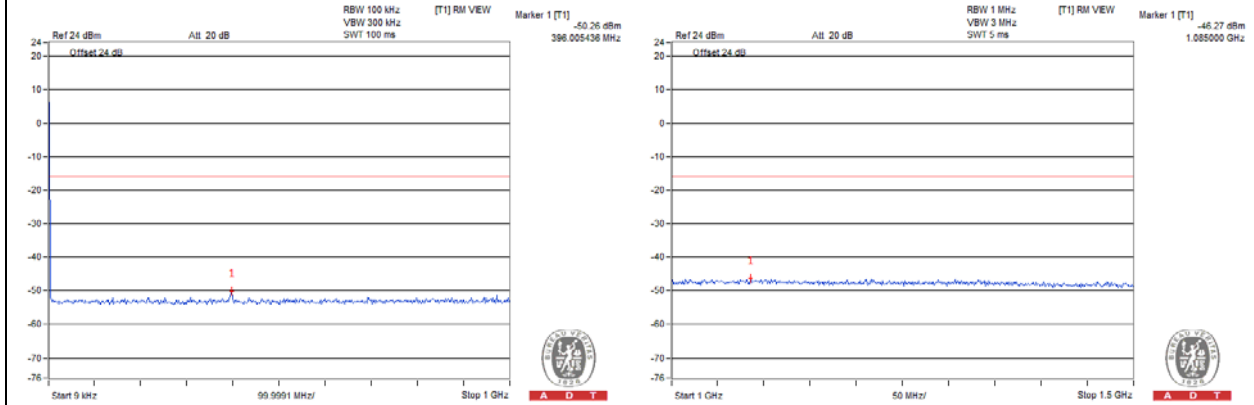


Frequency Range : 1.5GHz ~26.5GHz

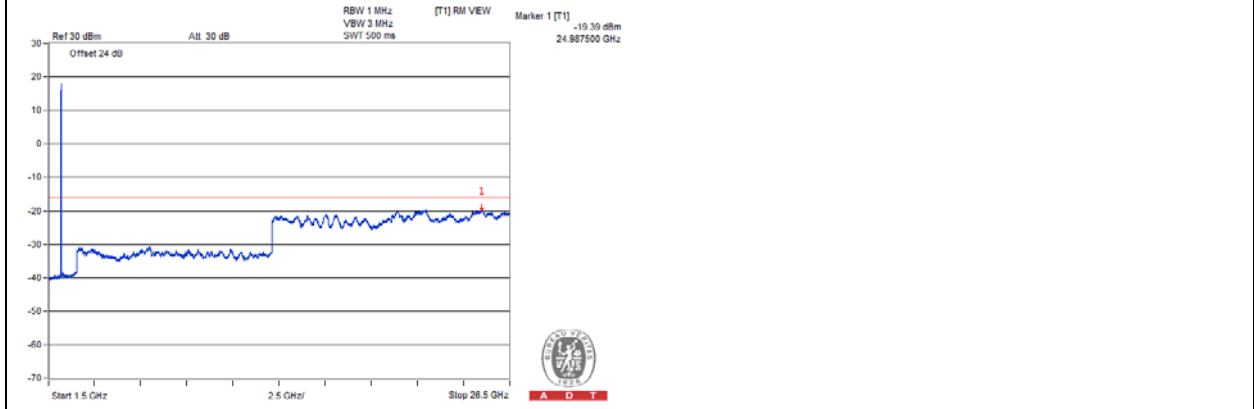


Chain 0				
QPSK / Channel Bandwidth: 5MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.26	-16.01	-34.25	Pass
1085	-46.27	-16.01	-30.26	Pass
24987.5	-19.39	-16.01	-3.38	Pass

Channel 2175
Frequency Range : 9kHz~1GHz
Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz
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**Chain 1**

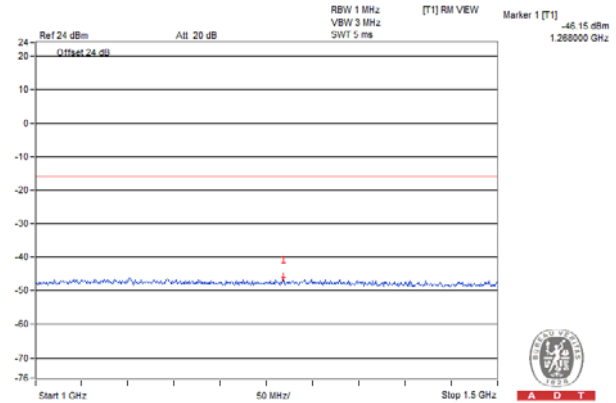
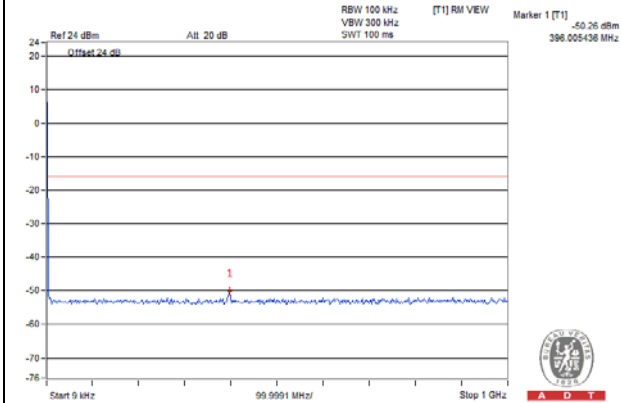
QPSK / Channel Bandwidth: 5MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.26	-16.01	-34.25	Pass
1268	-46.15	-16.01	-30.14	Pass
21918.75	-19.35	-16.01	-3.34	Pass

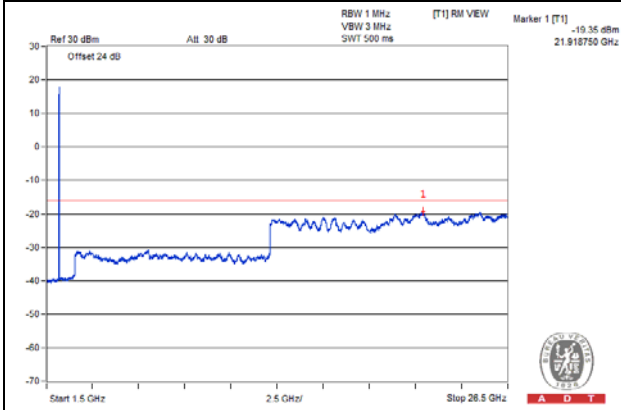
**Channel 2175**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

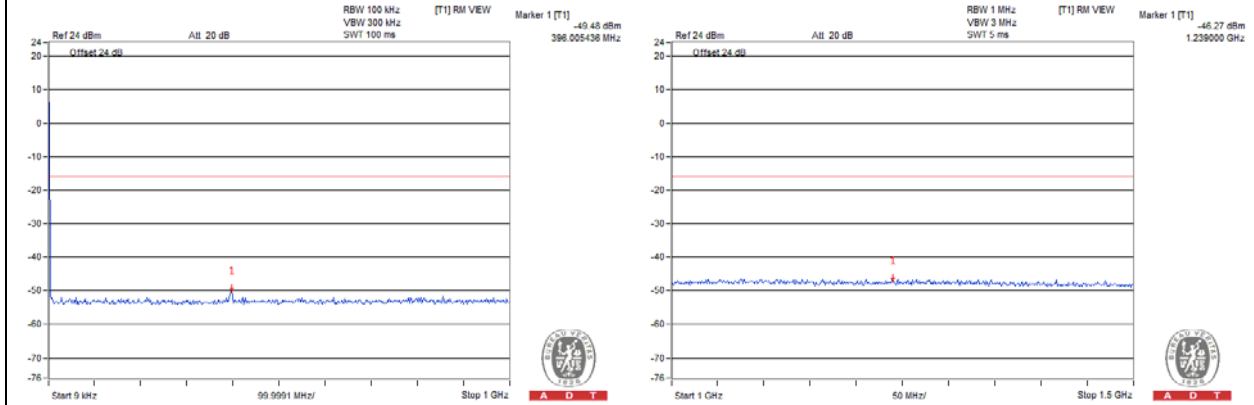


Frequency Range : 1.5GHz ~26.5GHz

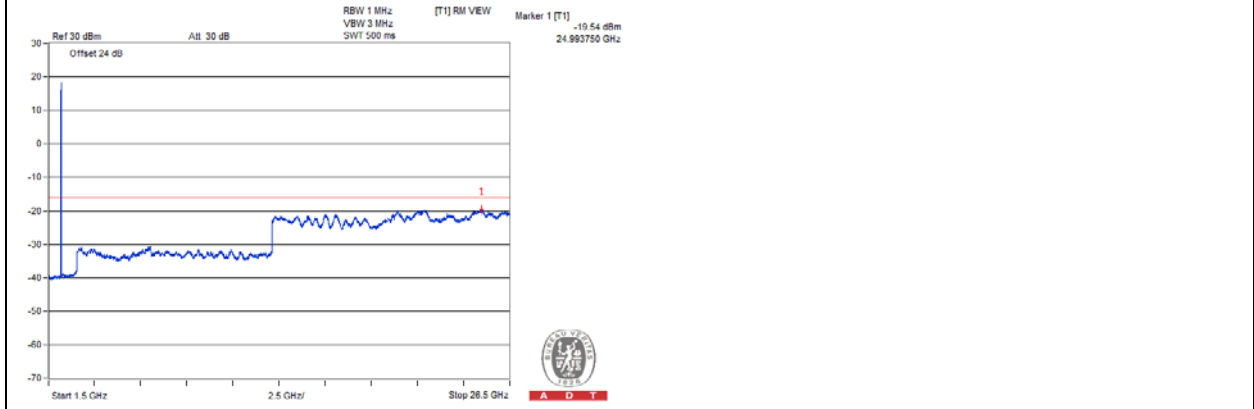


Chain 0				
QPSK / Channel Bandwidth: 5MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-49.48	-16.01	-33.47	Pass
1239	-46.27	-16.01	-30.26	Pass
24993.75	-19.54	-16.01	-3.53	Pass

**Channel 2375**  
 Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz



**Frequency Range : 1.5GHz ~26.5GHz**



**Chain 1**

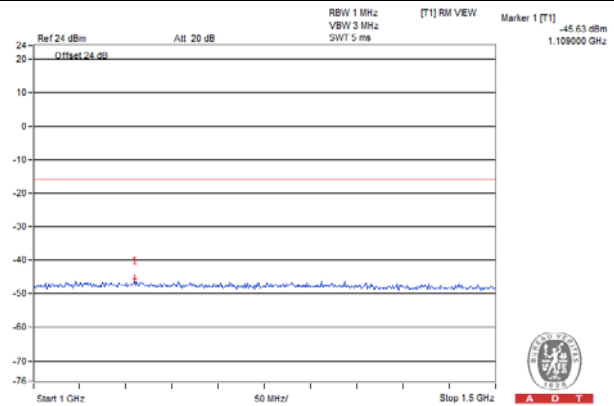
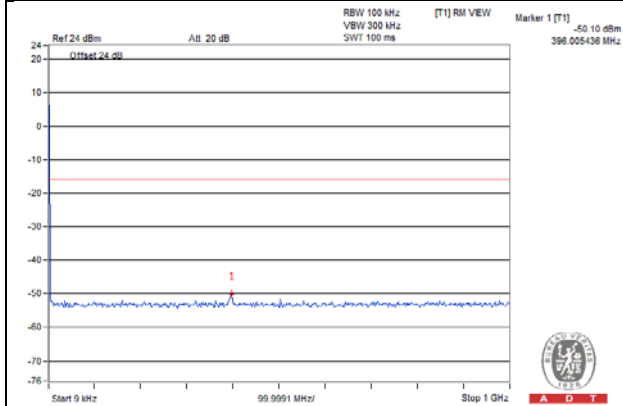
QPSK / Channel Bandwidth: 5MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.10	-16.01	-34.09	Pass
1109	-45.63	-16.01	-29.62	Pass
24943.75	-19.32	-16.01	-3.31	Pass

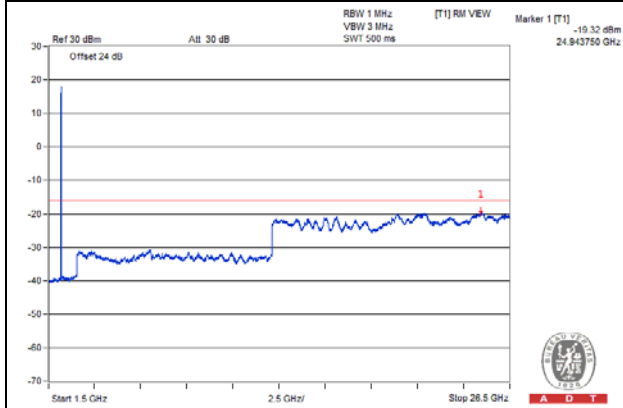
**Channel 2375**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 0**

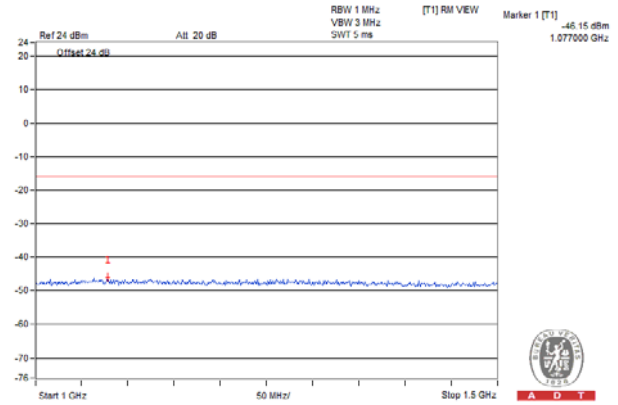
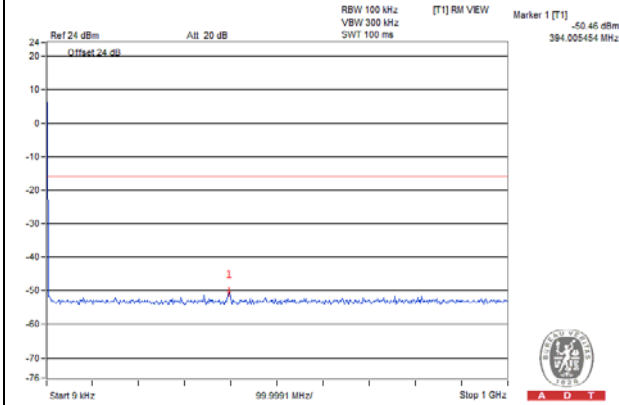
QPSK / Channel Bandwidth: 10MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
394.0055	-50.46	-16.01	-34.45	Pass
1077	-46.15	-16.01	-30.14	Pass
25006.25	-19.47	-16.01	-3.46	Pass

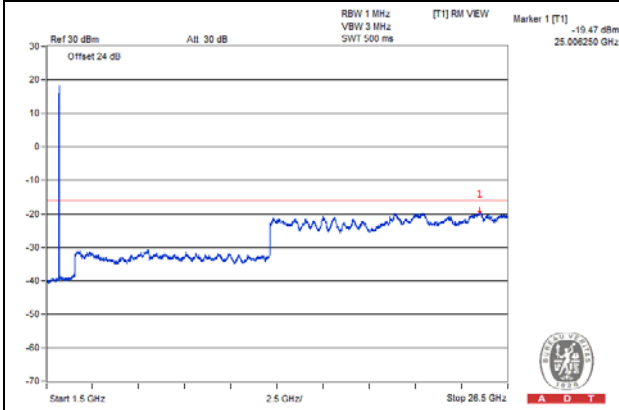
**Channel 2000**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

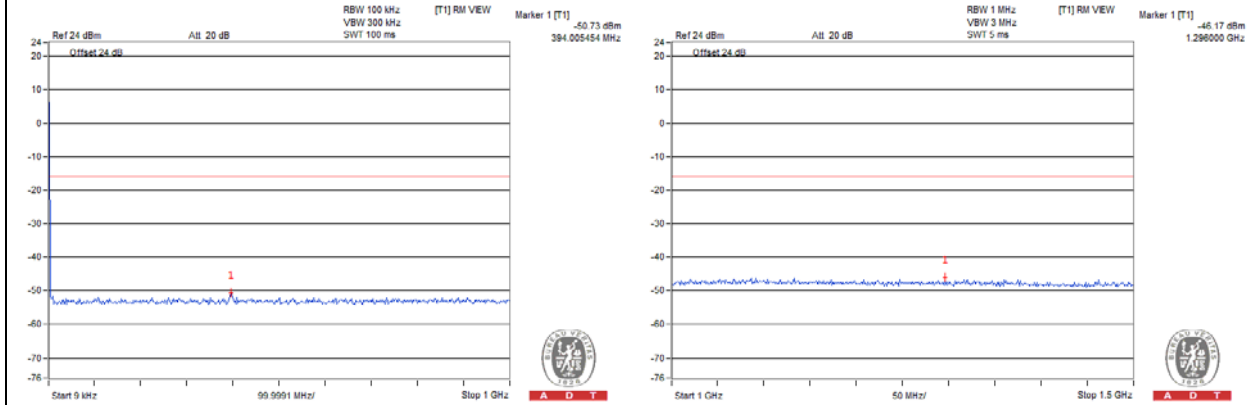


Frequency Range : 1.5GHz ~26.5GHz

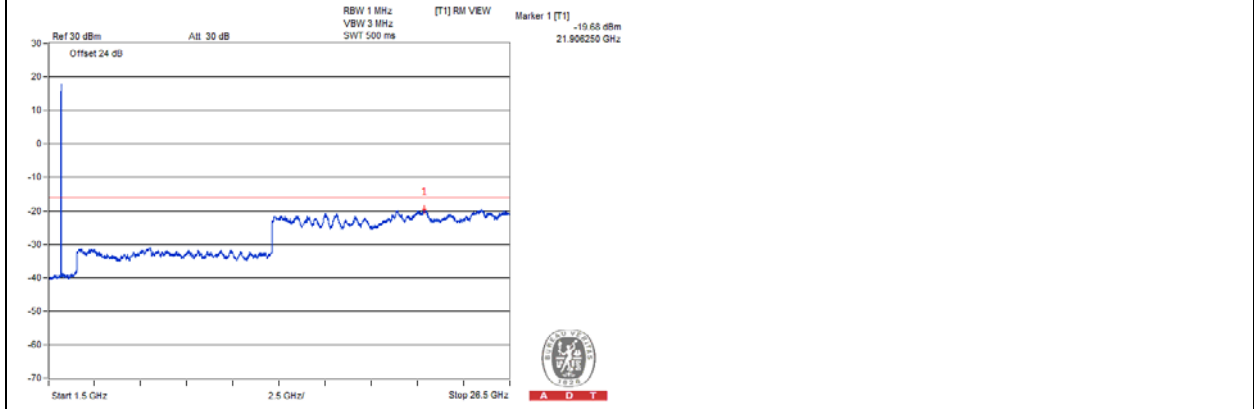


Chain 1				
QPSK / Channel Bandwidth: 10MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
394.0055	-50.73	-16.01	-34.72	Pass
1296	-46.17	-16.01	-30.16	Pass
21906.25	-19.68	-16.01	-3.67	Pass

Channel 2000	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz
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**Chain 0**

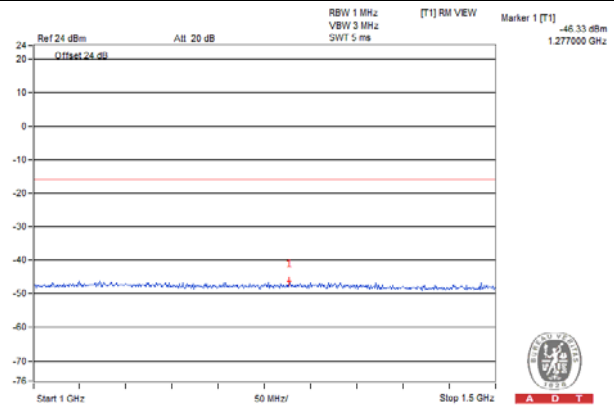
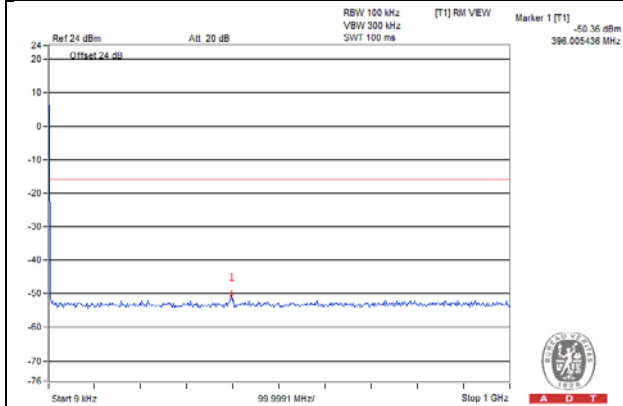
QPSK / Channel Bandwidth: 10MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.36	-16.01	-34.35	Pass
1277	-46.33	-16.01	-30.32	Pass
25087.5	-19.58	-16.01	-3.57	Pass

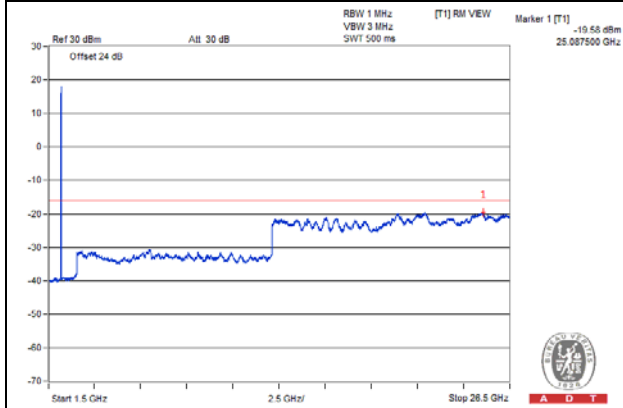
**Channel 2175**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 1**

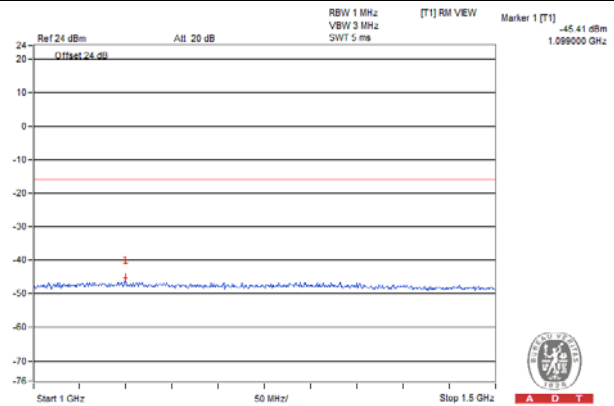
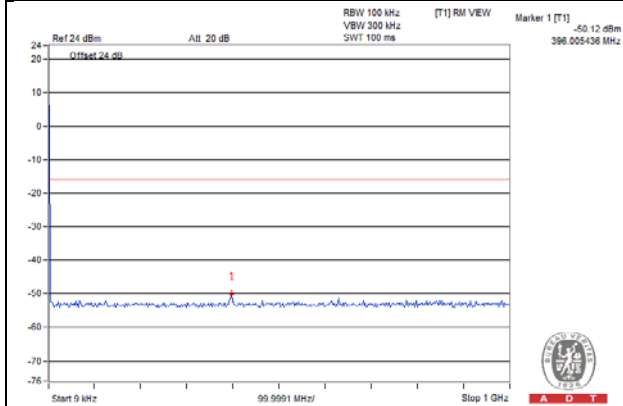
QPSK / Channel Bandwidth: 10MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.12	-16.01	-34.11	Pass
1099	-45.41	-16.01	-29.4	Pass
24981.25	-19.45	-16.01	-3.44	Pass

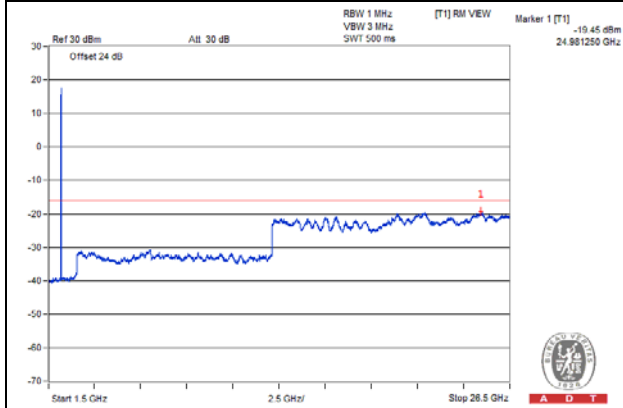
**Channel 2175**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

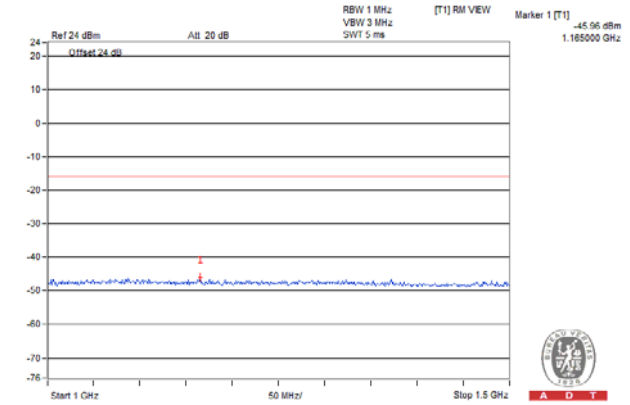
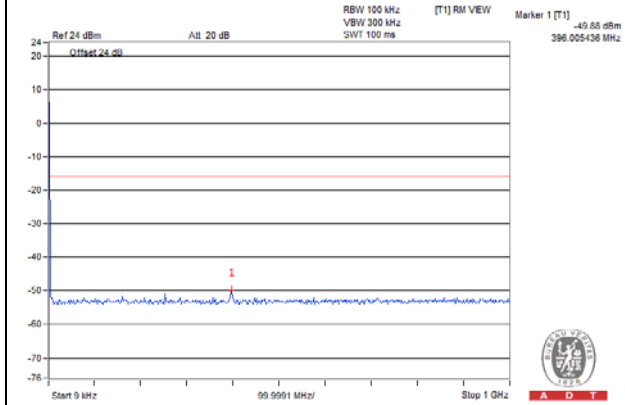


Frequency Range : 1.5GHz ~26.5GHz

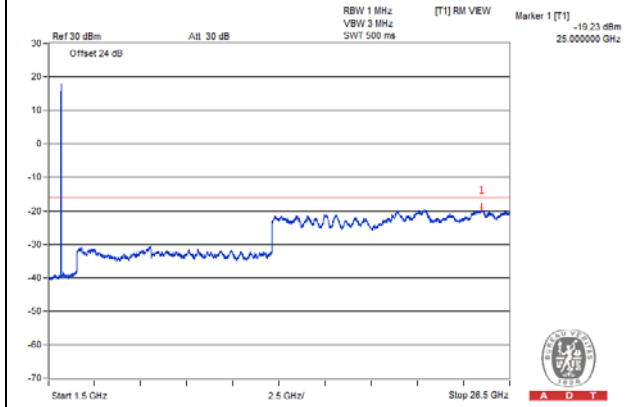


Chain 0				
QPSK / Channel Bandwidth: 10MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-49.88	-16.01	-33.87	Pass
1165	-45.96	-16.01	-29.95	Pass
25000	-19.23	-16.01	-3.22	Pass

Channel 2350
Frequency Range : 9kHz~1GHz
Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz
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**Chain 1**

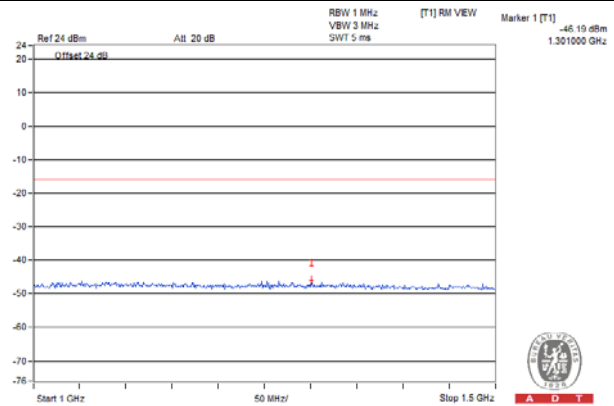
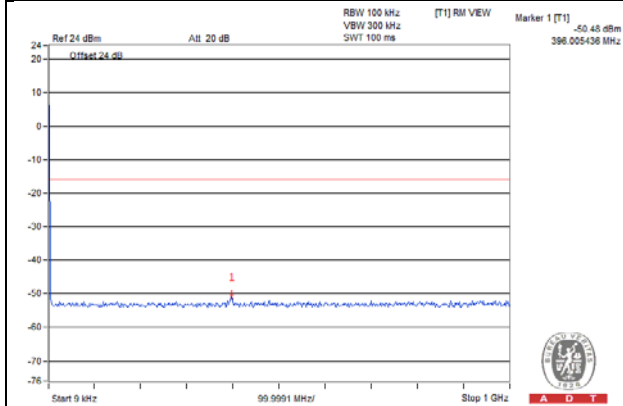
QPSK / Channel Bandwidth: 10MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.48	-16.01	-34.47	Pass
1301	-46.19	-16.01	-30.18	Pass
20393.75	-19.40	-16.01	-3.39	Pass

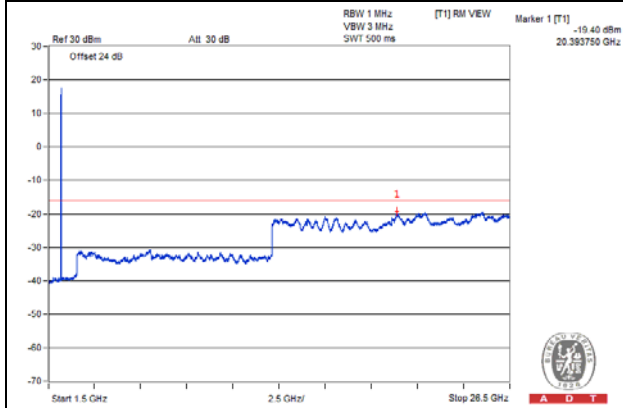
**Channel 2350**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

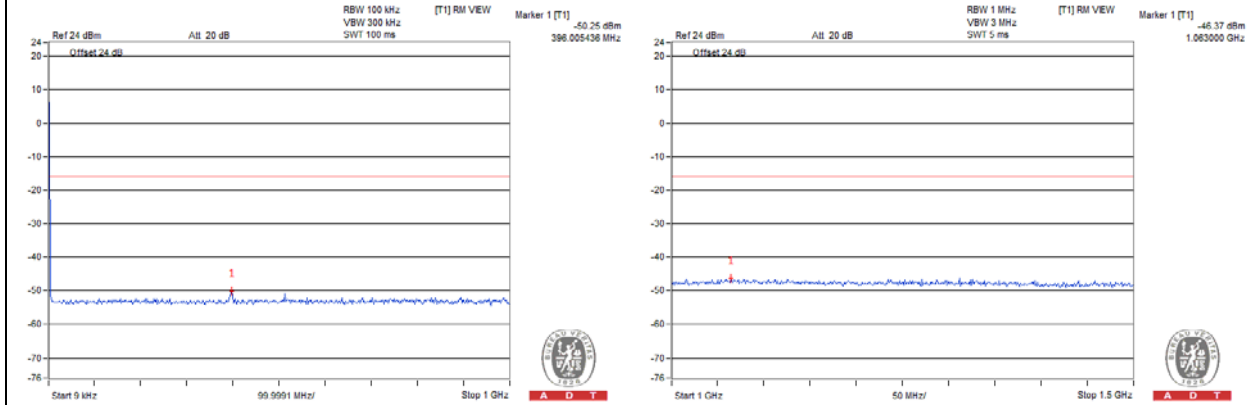


Frequency Range : 1.5GHz ~26.5GHz

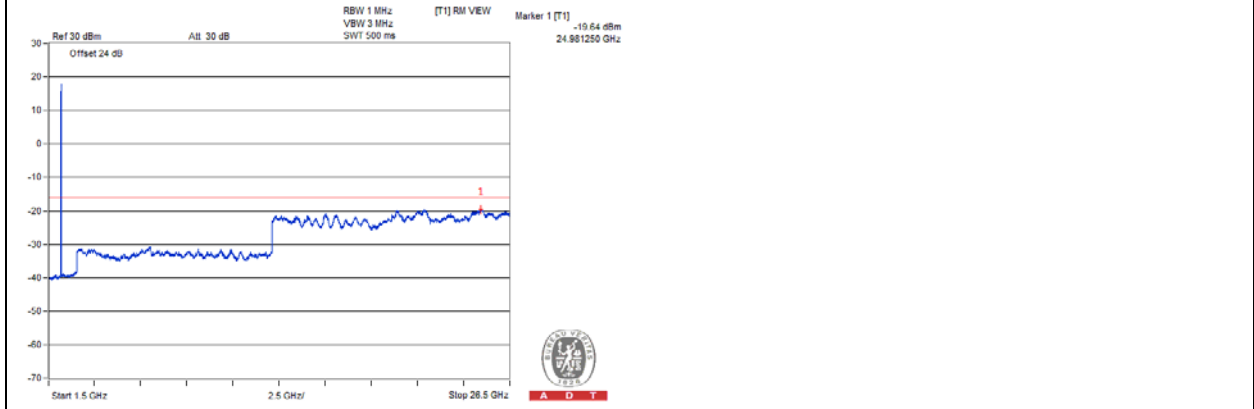


Chain 0				
QPSK / Channel Bandwidth: 15MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.25	-16.01	-34.24	Pass
1063	-46.37	-16.01	-30.36	Pass
24981.25	-19.64	-16.01	-3.63	Pass

Channel 2025	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz
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**Chain 1**

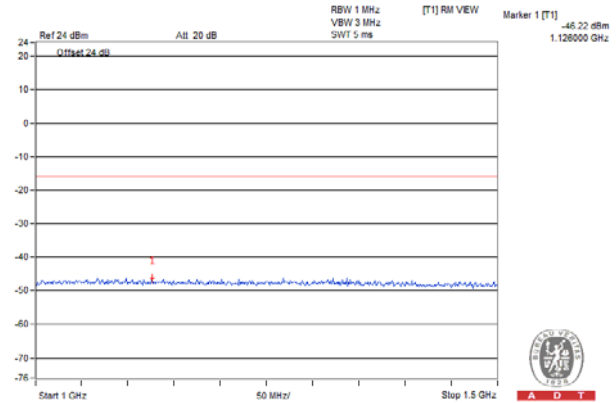
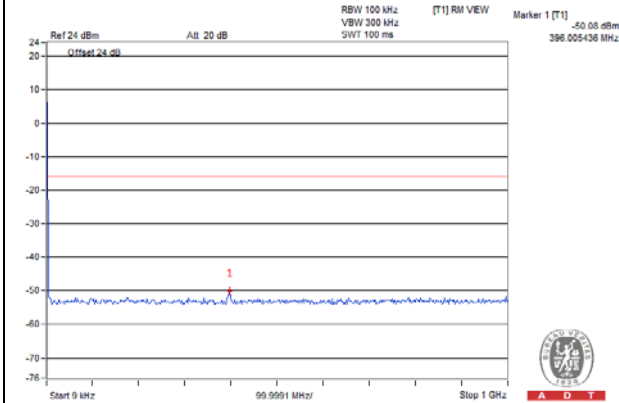
QPSK / Channel Bandwidth: 15MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.08	-16.01	-34.07	Pass
1126	-46.22	-16.01	-30.21	Pass
21912.5	-19.49	-16.01	-3.48	Pass

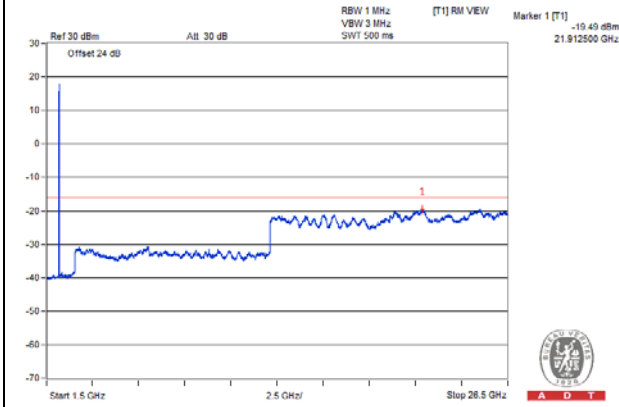
**Channel 2025**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

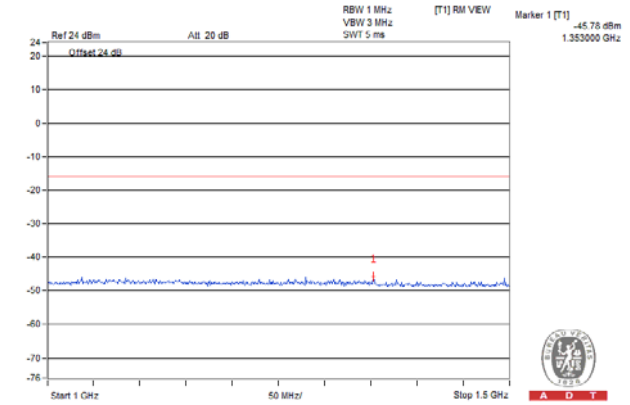
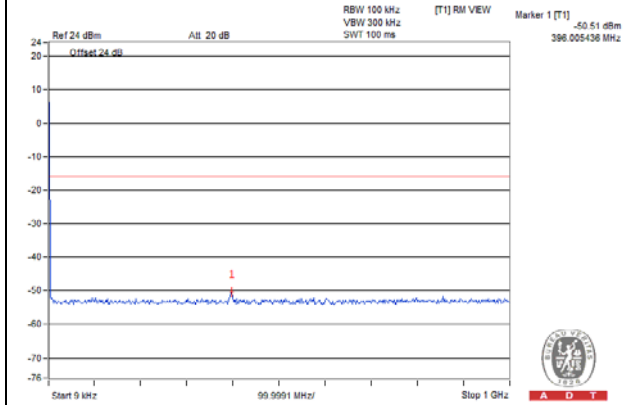


Frequency Range : 1.5GHz ~26.5GHz

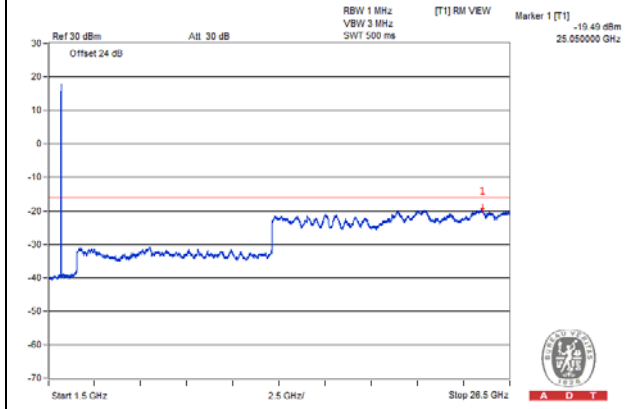


Chain 0				
QPSK / Channel Bandwidth: 15MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.51	-16.01	-34.5	Pass
1353	-45.78	-16.01	-29.77	Pass
25050	-19.49	-16.01	-3.48	Pass

Channel 2175
Frequency Range : 9kHz~1GHz
Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz
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**Chain 1**

QPSK / Channel Bandwidth: 15MHz

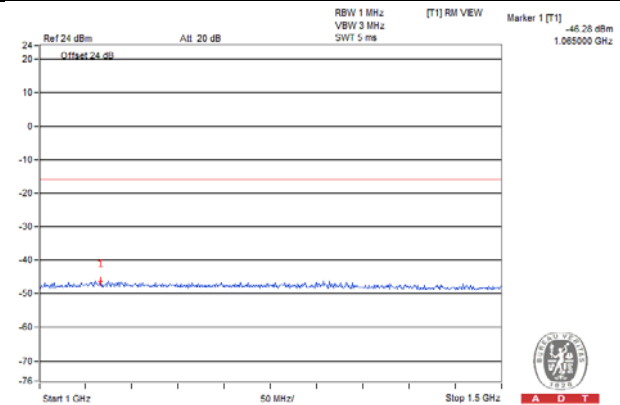
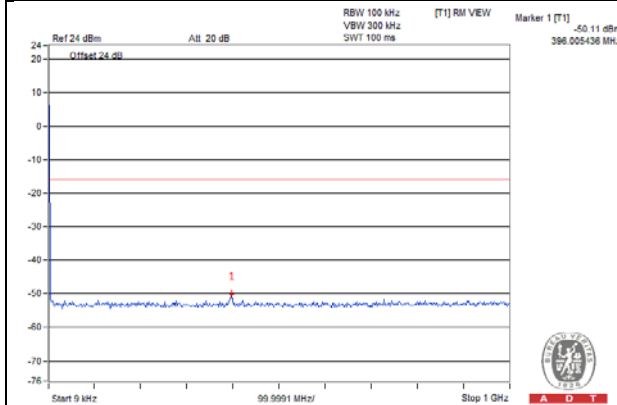
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.11	-16.01	-34.1	Pass
1065	-46.28	-16.01	-30.27	Pass
25056.25	-19.59	-16.01	-3.58	Pass

Channel Bandwidth:15MHz

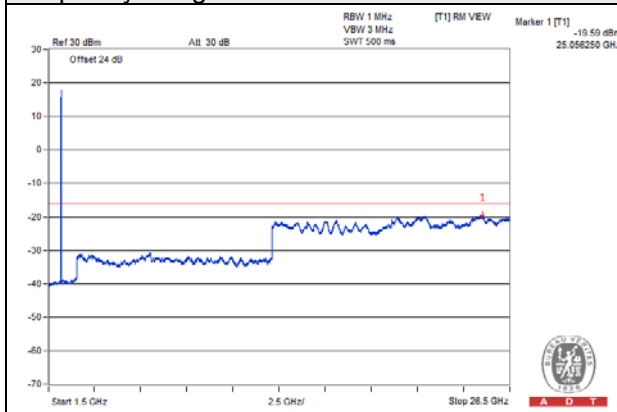
Channel 2175

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz





**Chain 0**

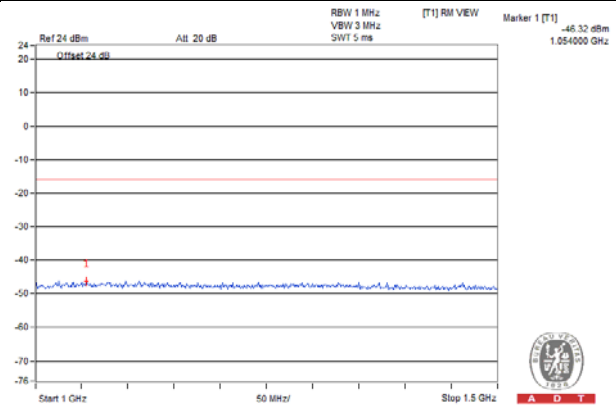
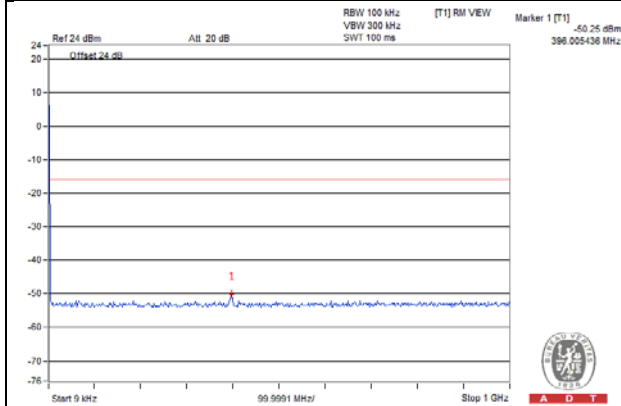
QPSK / Channel Bandwidth: 15MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.25	-16.01	-34.24	Pass
1054	-46.32	-16.01	-30.31	Pass
21837.5	-19.73	-16.01	-3.72	Pass

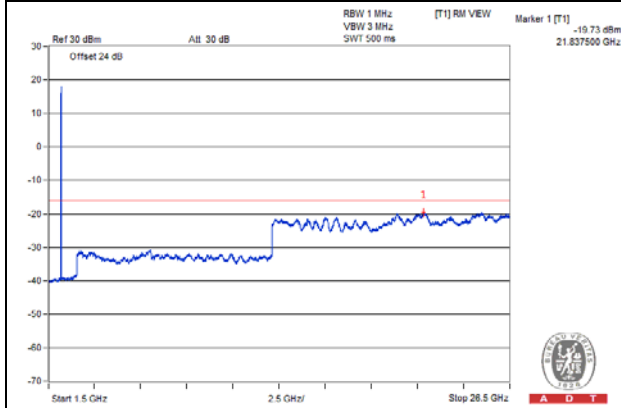
**Channel 2325**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 1**

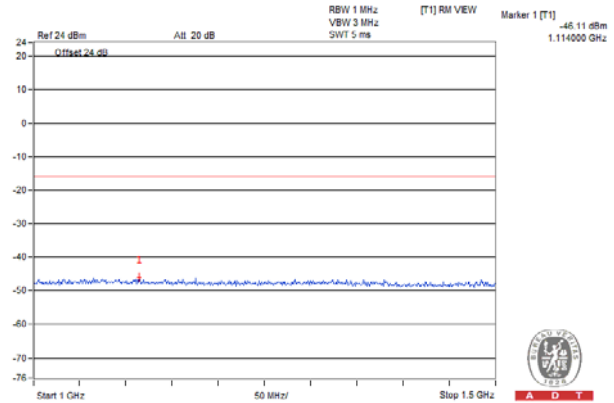
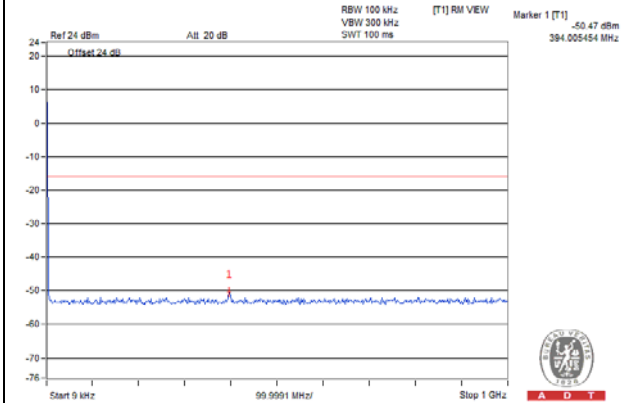
QPSK / Channel Bandwidth: 15MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
394.0055	-50.47	-16.01	-34.46	Pass
1114	-46.11	-16.01	-30.1	Pass
21912.5	-19.36	-16.01	-3.35	Pass

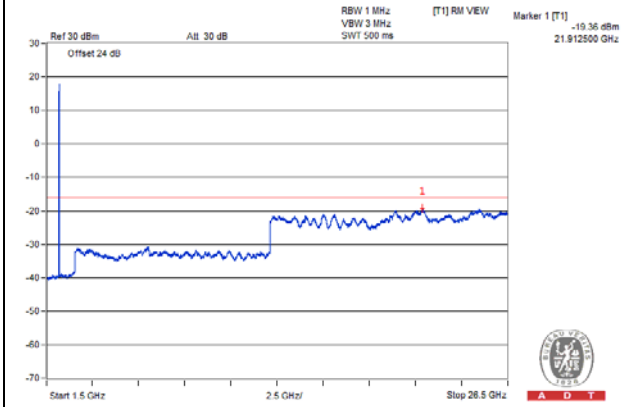
**Channel 2325**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



**Frequency Range : 1.5GHz ~26.5GHz**



**Chain 0**

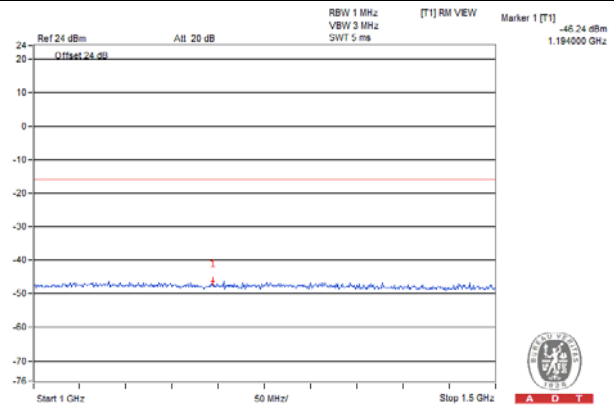
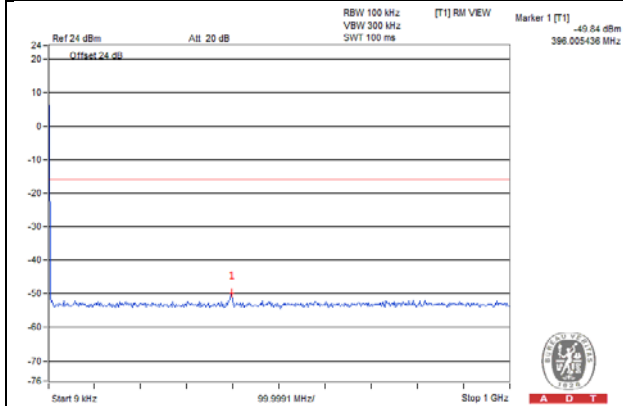
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-49.84	-16.01	-33.83	Pass
1194	-46.24	-16.01	-30.23	Pass
20468.75	-19.60	-16.01	-3.59	Pass

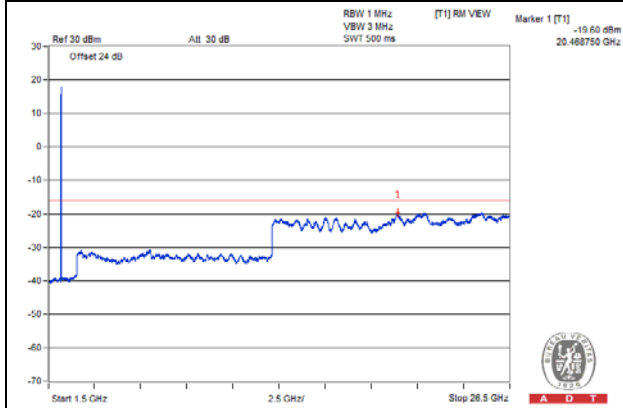
**Channel 2050**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 1**

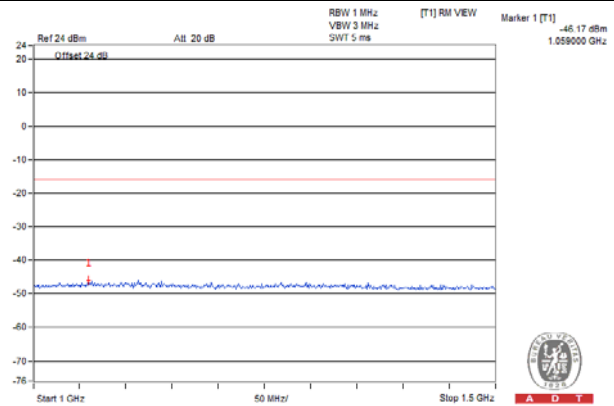
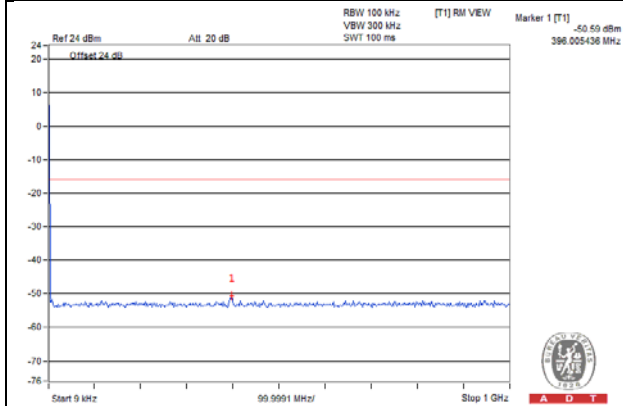
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.59	-16.01	-34.58	Pass
1059	-46.17	-16.01	-30.16	Pass
21950	-19.58	-16.01	-3.57	Pass

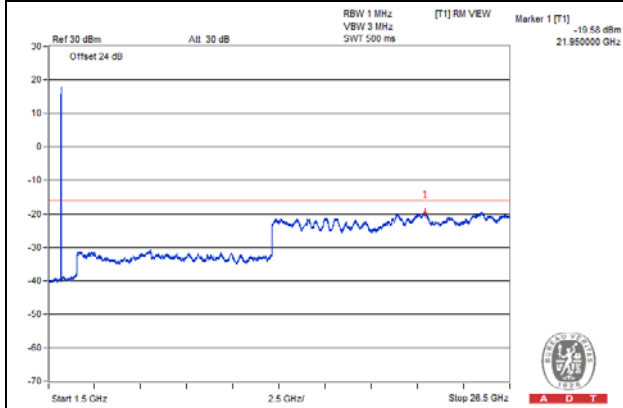
**Channel 2050**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



**Frequency Range : 1.5GHz ~26.5GHz**



**Chain 0**

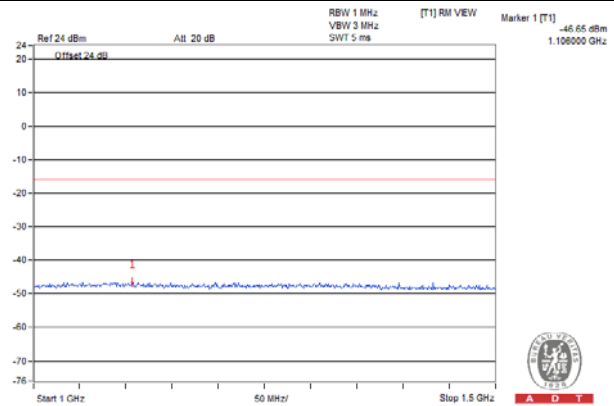
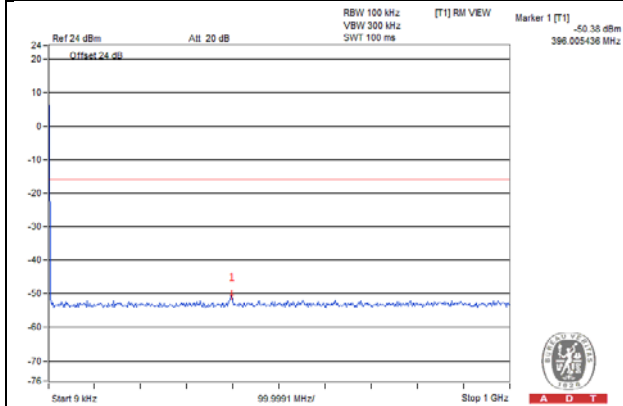
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.38	-16.01	-34.37	Pass
1106	-46.65	-16.01	-30.64	Pass
21900	-19.66	-16.01	-3.65	Pass

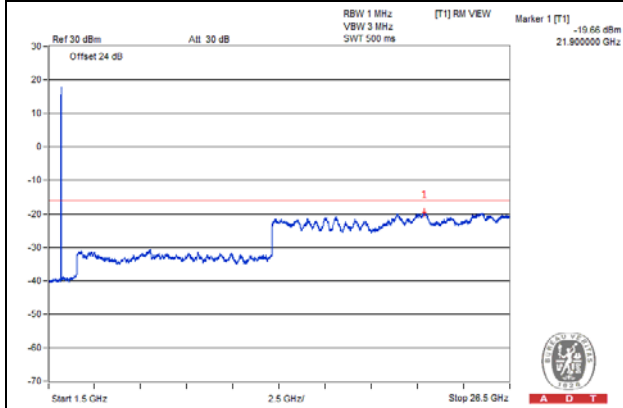
**Channel 2175**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

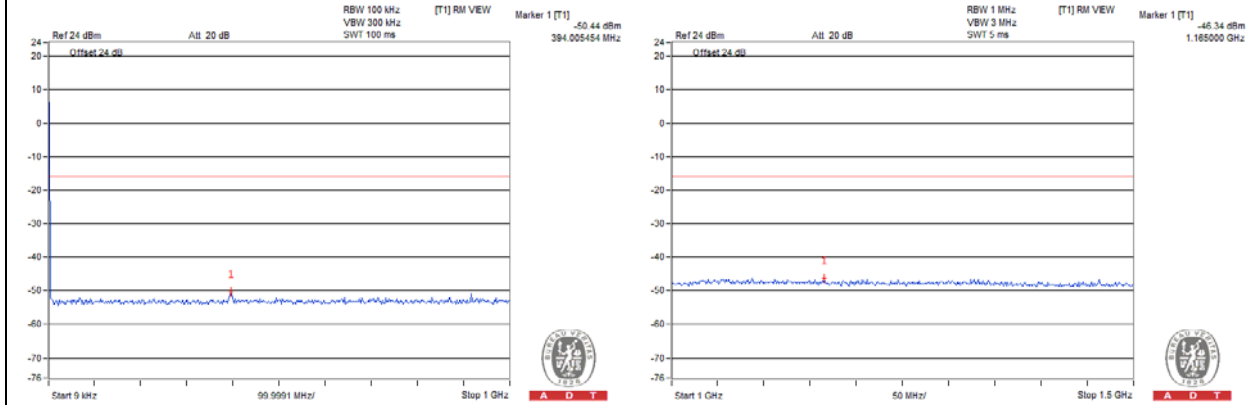


Frequency Range : 1.5GHz ~26.5GHz

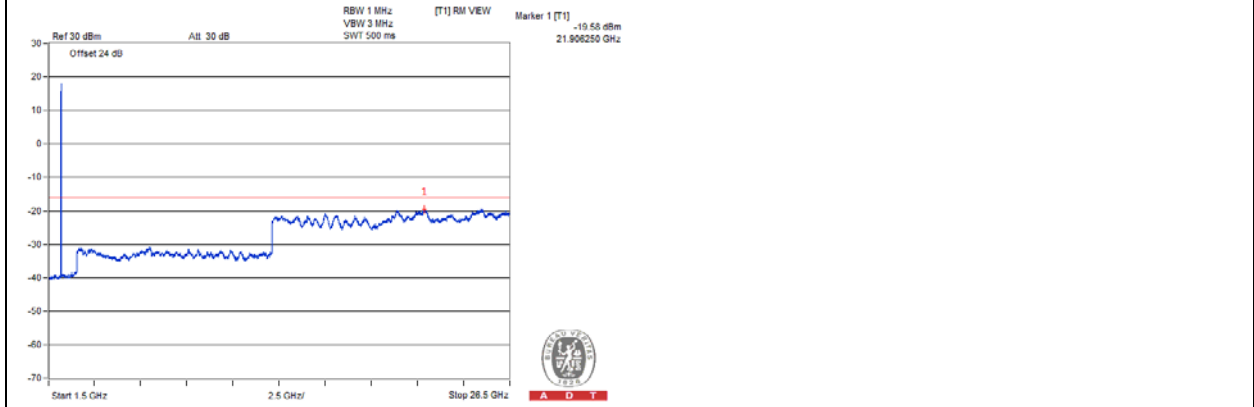


Chain 1				
QPSK / Channel Bandwidth: 20MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
394.0055	-50.44	-16.01	-34.43	Pass
1165	-46.34	-16.01	-30.33	Pass
21906.25	-19.58	-16.01	-3.57	Pass

Channel 2175
Frequency Range : 9kHz~1GHz
Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz
-----------------------------------



**Chain 0**

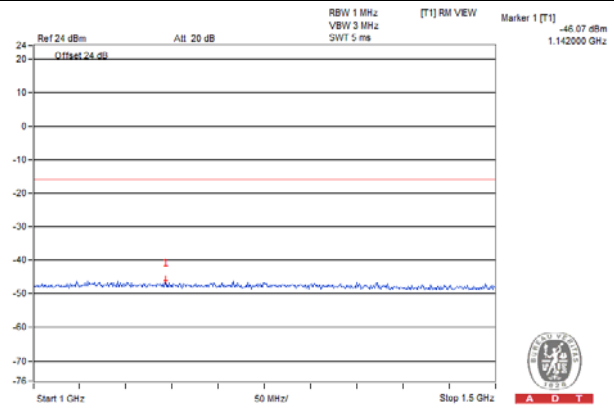
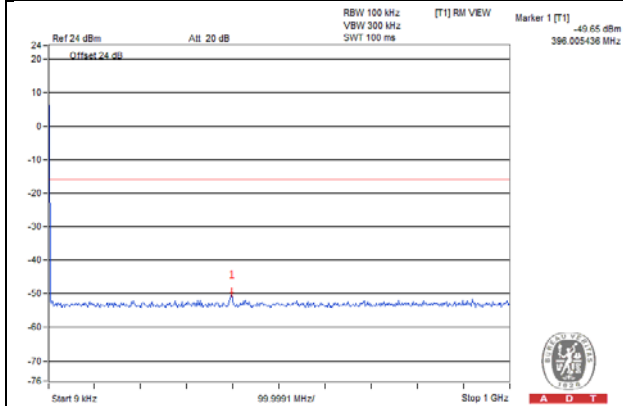
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-49.65	-16.01	-33.64	Pass
1142	-46.07	-16.01	-30.06	Pass
24968.75	-19.77	-16.01	-3.76	Pass

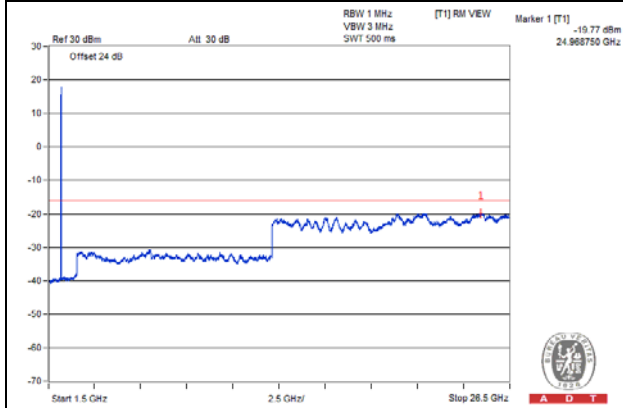
**Channel 2300**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



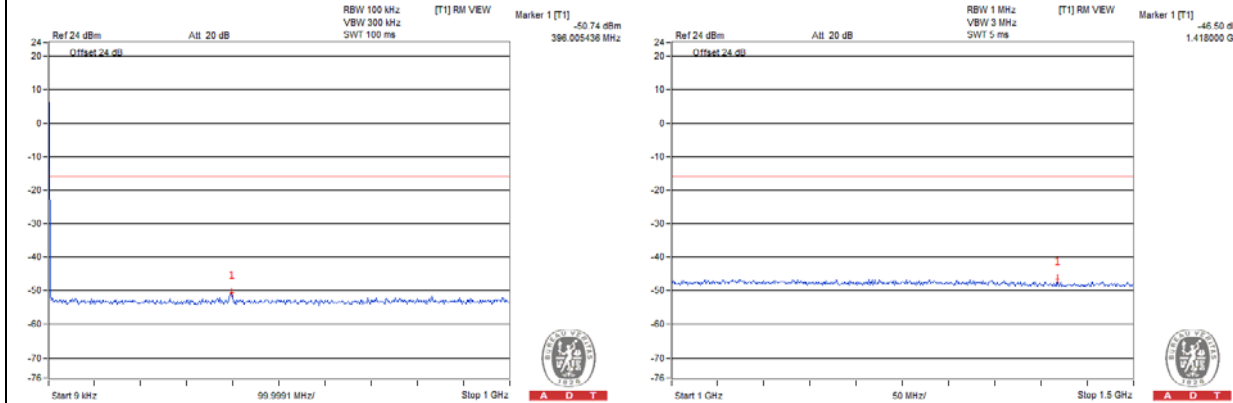
**Chain 1**

QPSK / Channel Bandwidth: 20MHz

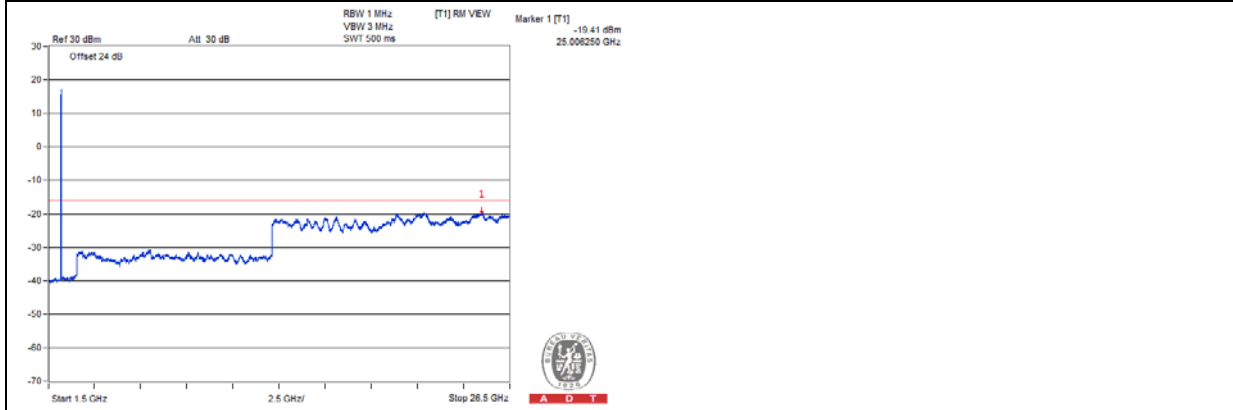
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.74	-16.01	-34.73	Pass
1418	-46.50	-16.01	-30.49	Pass
25006.25	-19.41	-16.01	-3.4	Pass

**Channel 2300**

Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz



**Frequency Range : 1.5GHz ~26.5GHz**

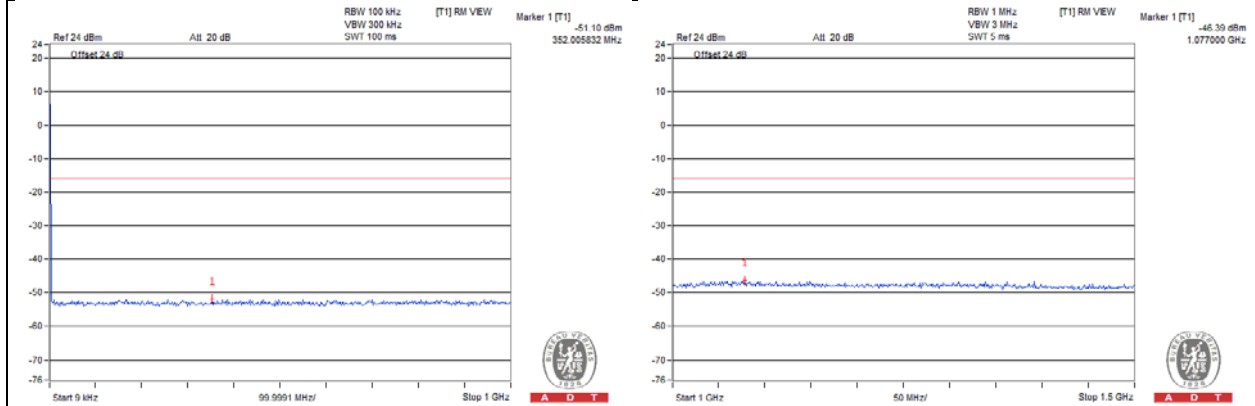




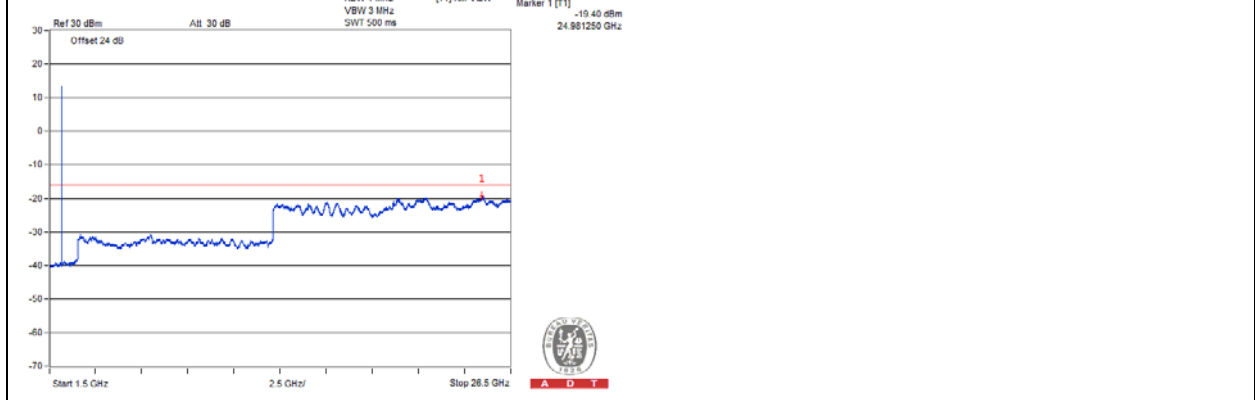
4.6.6 Test Results (With Adapter)

Chain 0				
QPSK / Channel Bandwidth: 5MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
352.0058	-51.10	-16.01	-35.09	Pass
1077	-46.39	-16.01	-30.38	Pass
24981.25	-19.40	-16.01	-3.39	Pass

Channel 1975	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz
-----------------------------------

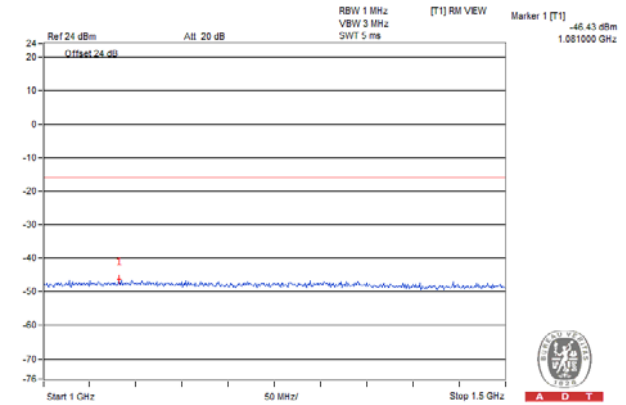
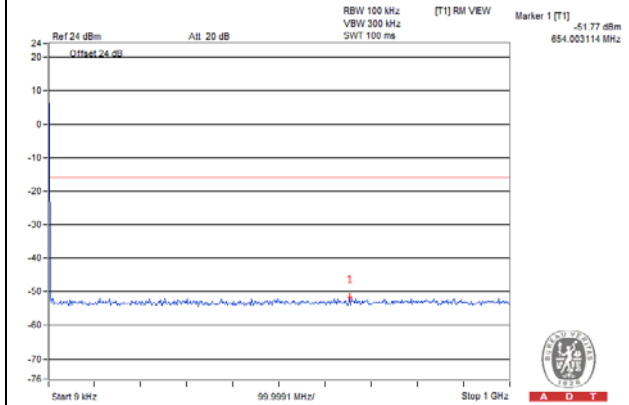


Chain 1				
QPSK / Channel Bandwidth: 5MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
654.0031	-51.77	-16.01	-35.76	Pass
1081	-46.43	-16.01	-30.42	Pass
24981.25	-19.57	-16.01	-3.56	Pass

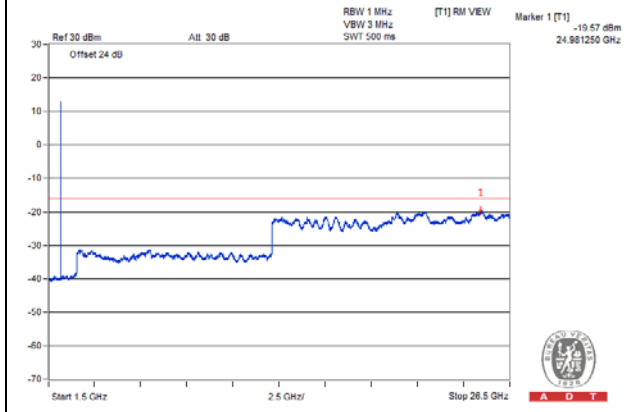
Channel 1975

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 0**

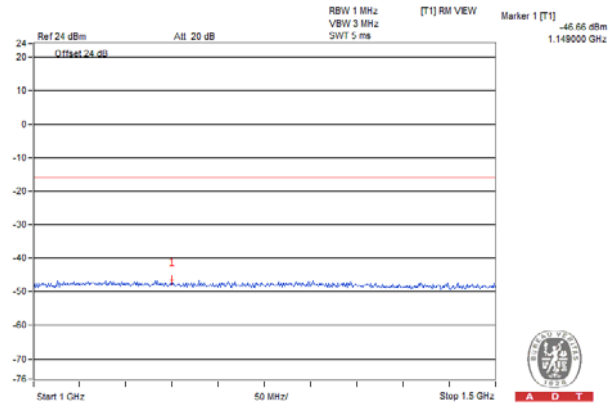
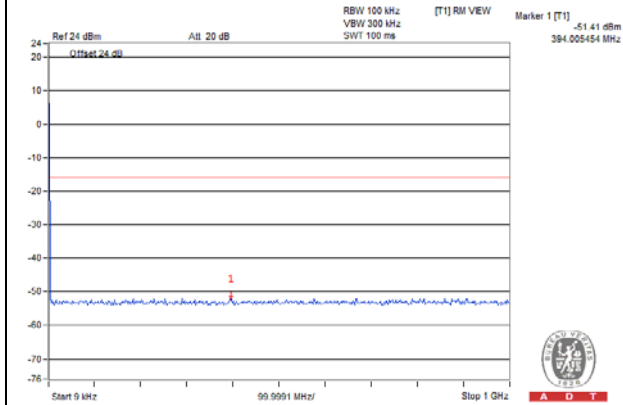
QPSK / Channel Bandwidth: 5MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
394.0055	-51.41	-16.01	-35.4	Pass
1149	-46.66	-16.01	-30.65	Pass
24981.25	-19.83	-16.01	-3.82	Pass

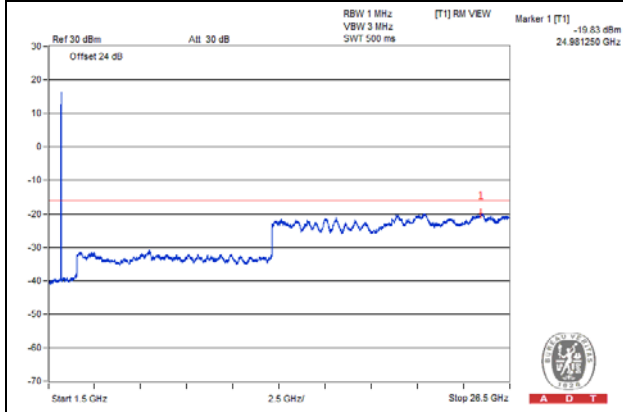
**Channel 2175**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 1**

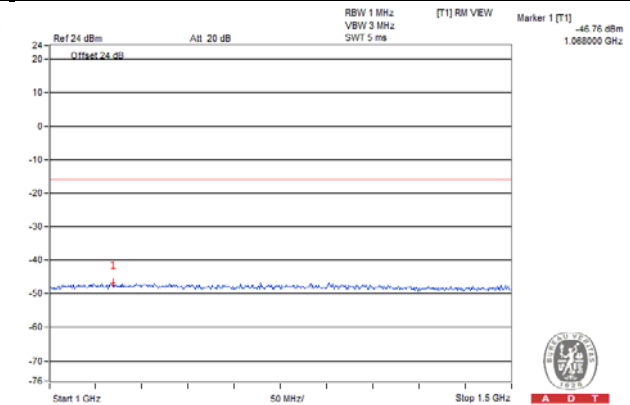
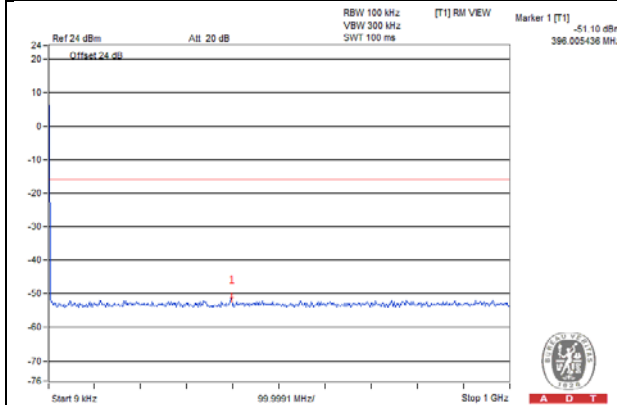
QPSK / Channel Bandwidth: 5MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-51.10	-16.01	-35.09	Pass
1068	-46.76	-16.01	-30.75	Pass
21950	-19.98	-16.01	-3.97	Pass

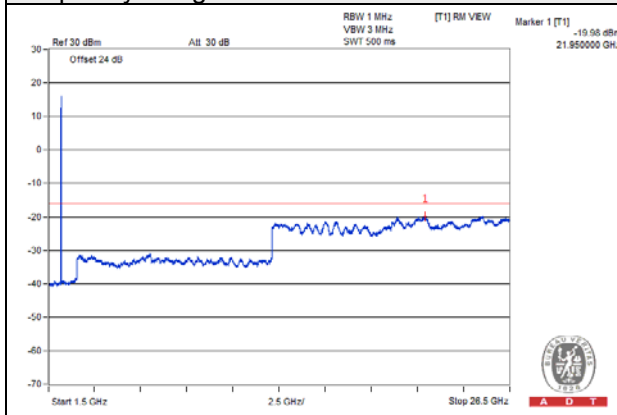
**Channel 2175**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 0**

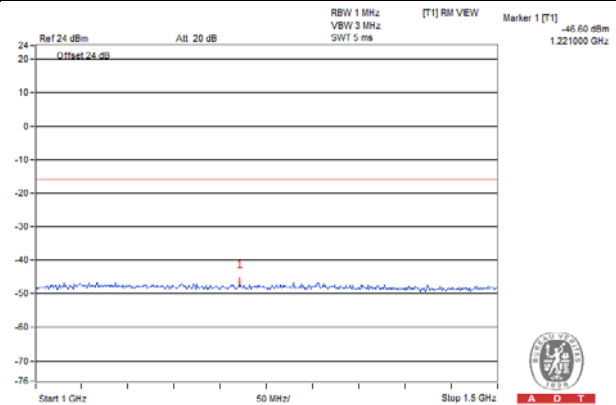
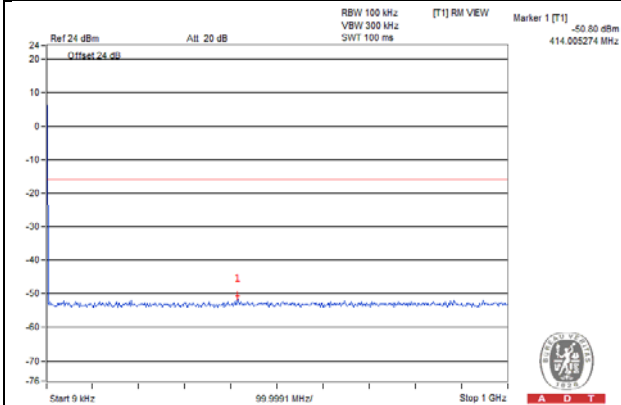
QPSK / Channel Bandwidth: 5MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
414.0053	-50.80	-16.01	-34.79	Pass
1221	-46.60	-16.01	-30.59	Pass
25006.25	-19.93	-16.01	-3.92	Pass

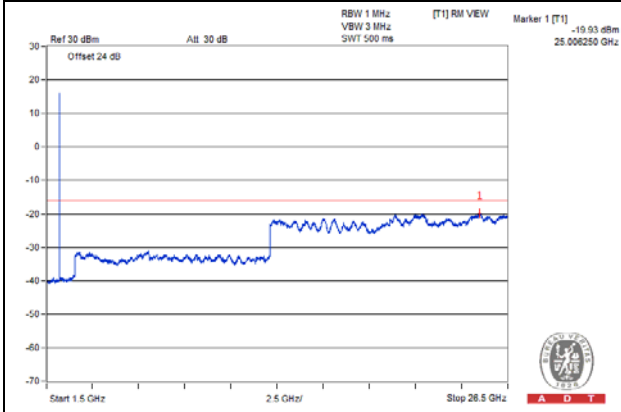
**Channel 2375**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 1**

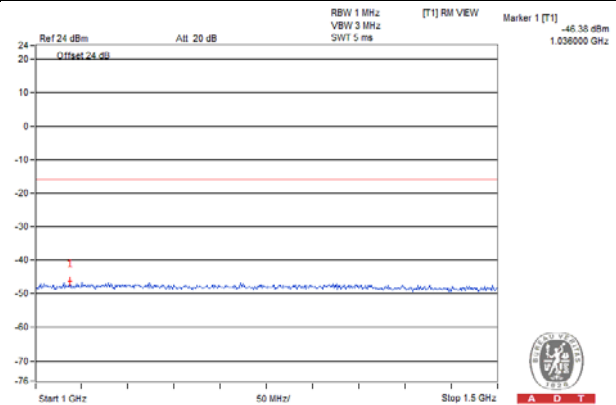
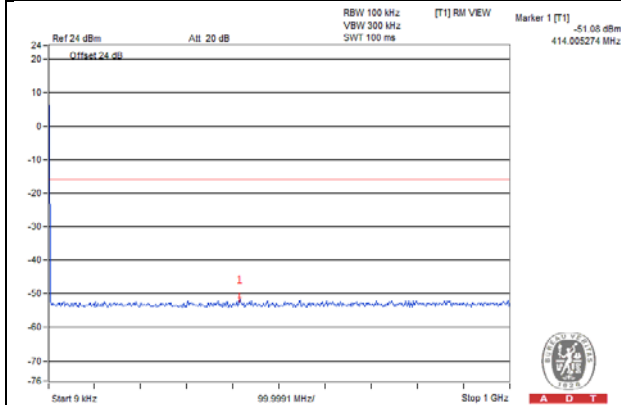
QPSK / Channel Bandwidth: 5MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
414.0053	-51.08	-16.01	-35.07	Pass
1036	-46.38	-16.01	-30.37	Pass
21856.25	-19.74	-16.01	-3.73	Pass

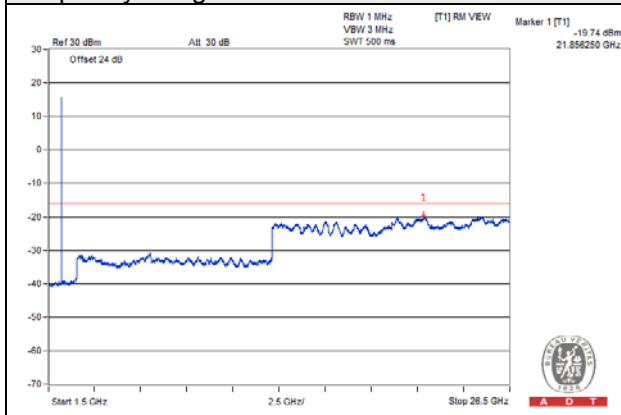
**Channel 2375**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 0**

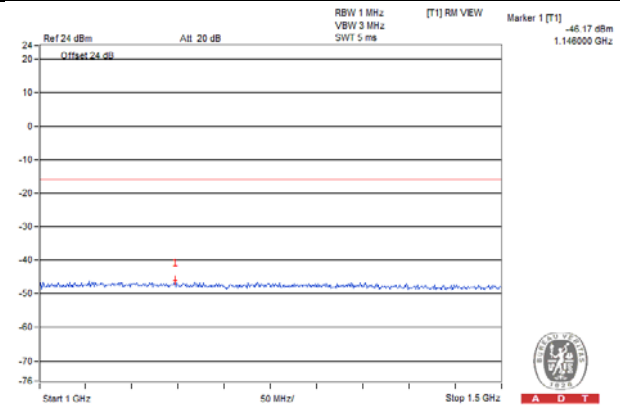
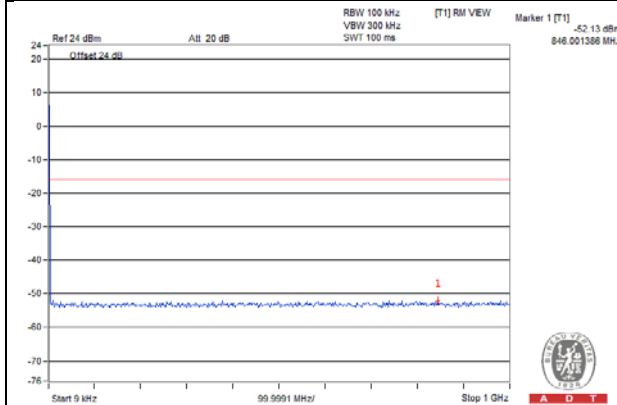
QPSK / Channel Bandwidth: 10MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
846.0014	-52.13	-16.01	-36.12	Pass
1146	-46.17	-16.01	-30.16	Pass
25012.5	-19.33	-16.01	-3.32	Pass

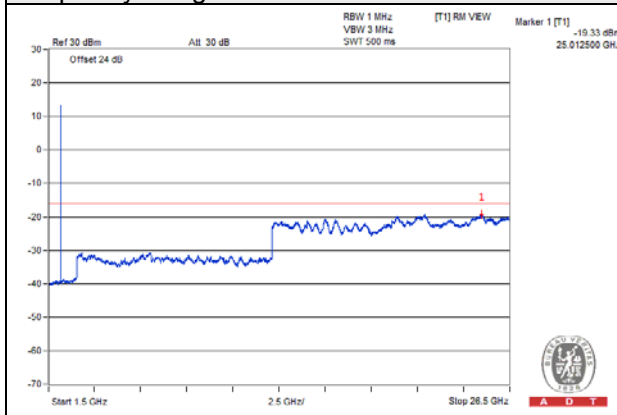
**Channel 2000**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

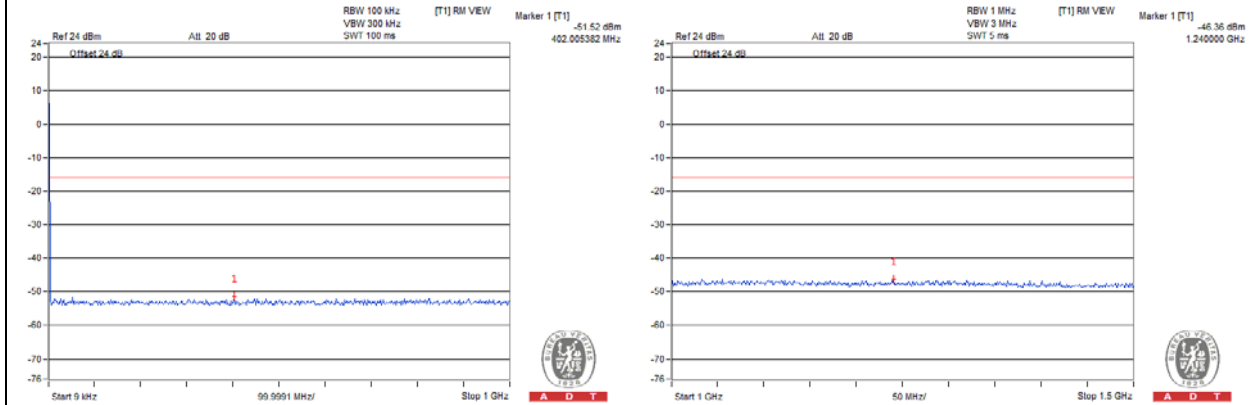


Frequency Range : 1.5GHz ~26.5GHz

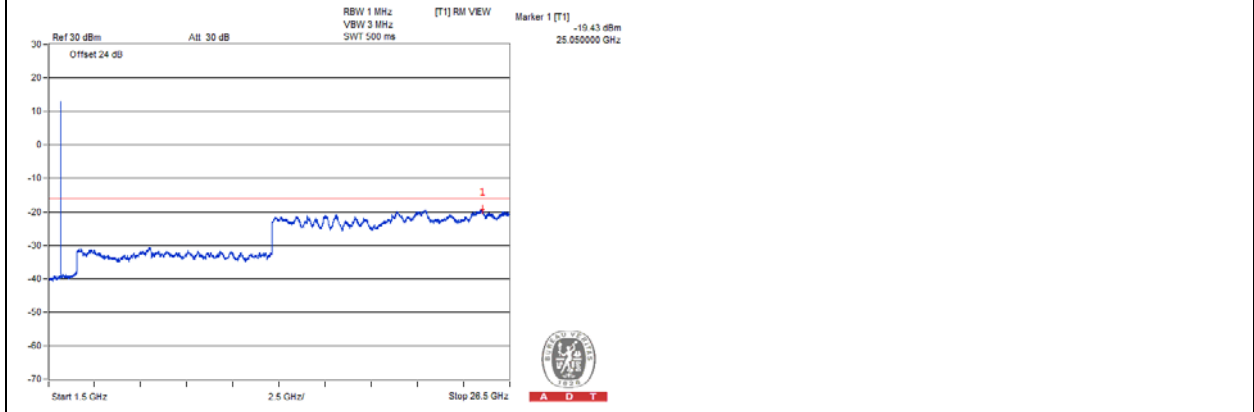


Chain 1				
QPSK / Channel Bandwidth: 10MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
402.0054	-51.52	-16.01	-35.51	Pass
1240	-46.36	-16.01	-30.35	Pass
25050	-19.43	-16.01	-3.42	Pass

Channel 2000  
 Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz



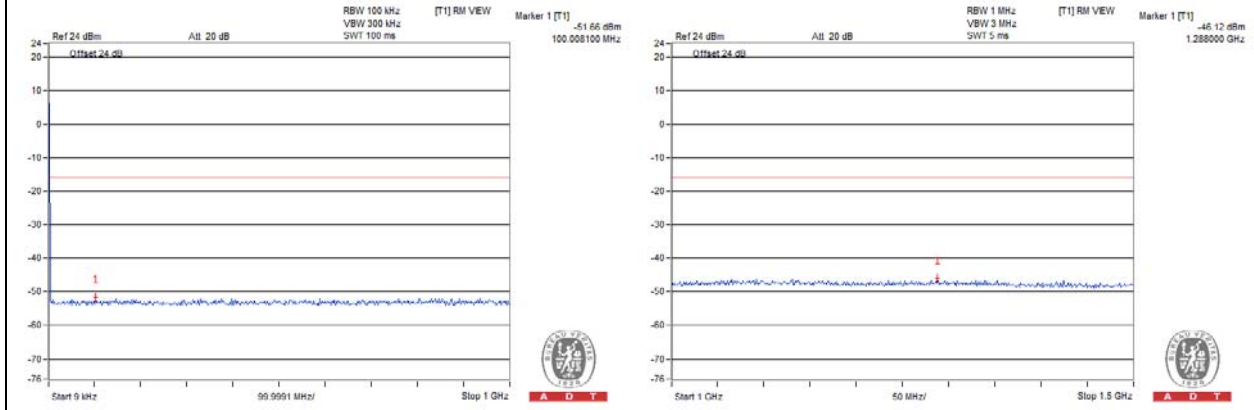
Frequency Range : 1.5GHz ~26.5GHz



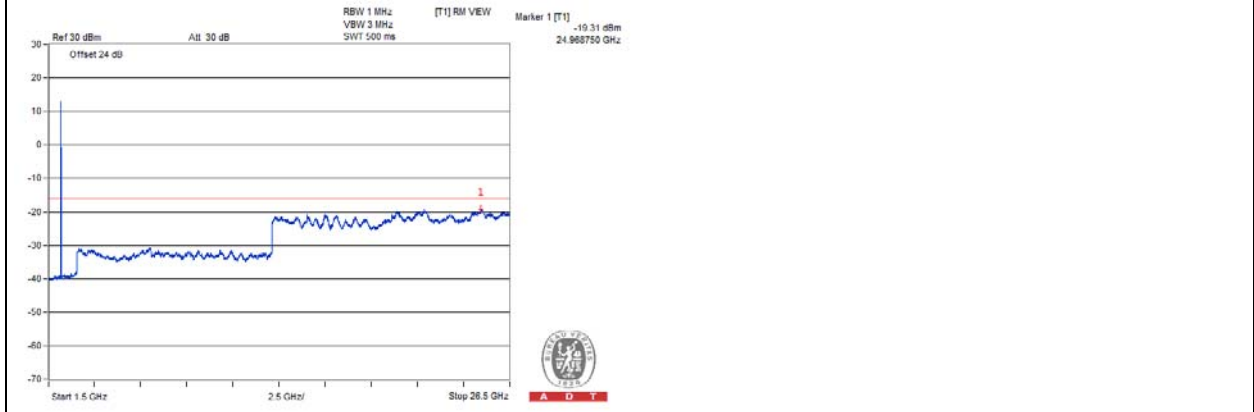


Chain 0				
QPSK / Channel Bandwidth: 10MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
100.0081	-51.66	-16.01	-35.65	Pass
1288	-46.12	-16.01	-30.11	Pass
24968.75	-19.31	-16.01	-3.3	Pass

Channel 2175  
 Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 1**

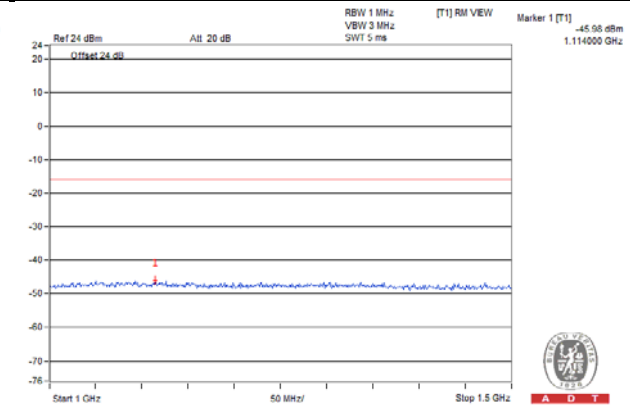
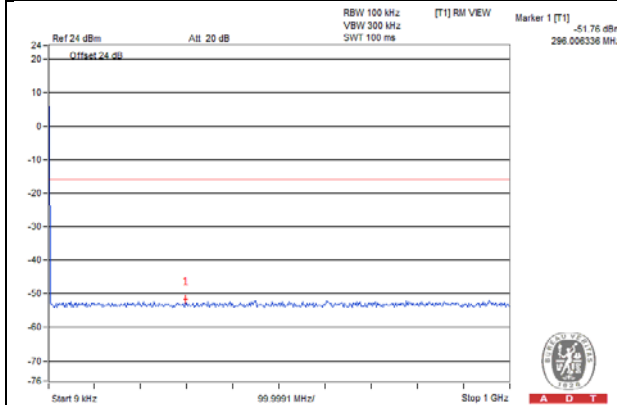
QPSK / Channel Bandwidth: 10MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
296.0063	-51.76	-16.01	-35.75	Pass
1114	-45.98	-16.01	-29.97	Pass
21812.5	-19.45	-16.01	-3.44	Pass

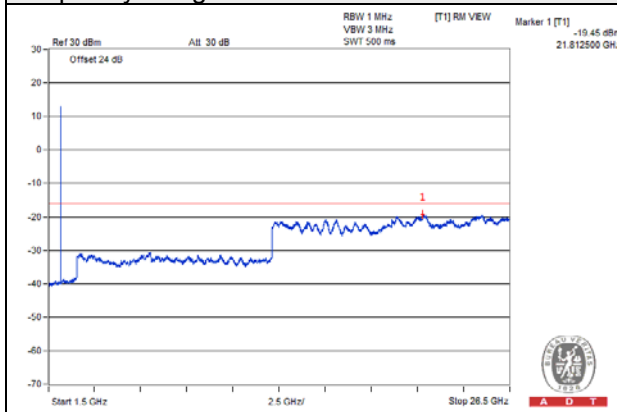
**Channel 2175**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 0**

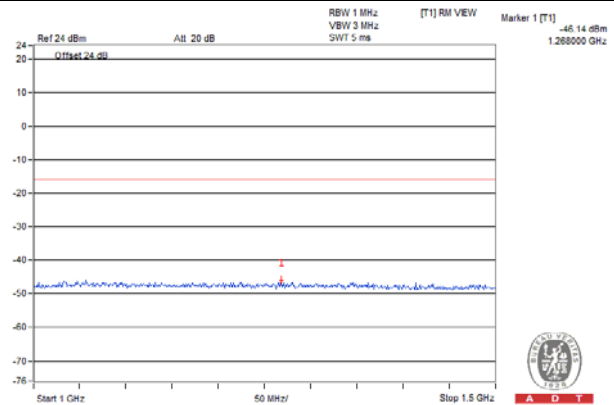
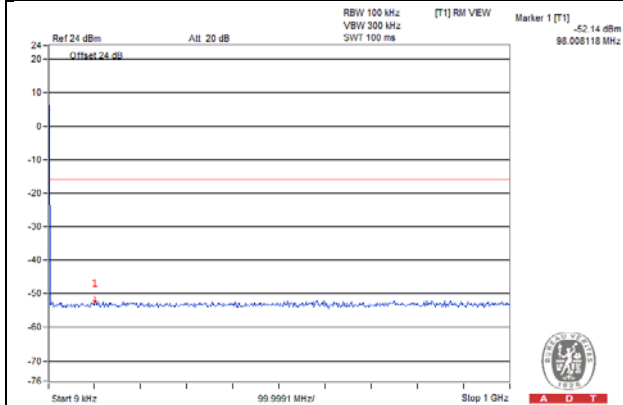
QPSK / Channel Bandwidth: 10MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
98.00812	-52.14	-16.01	-36.13	Pass
1268	-46.14	-16.01	-30.13	Pass
25018.75	-19.09	-16.01	-3.08	Pass

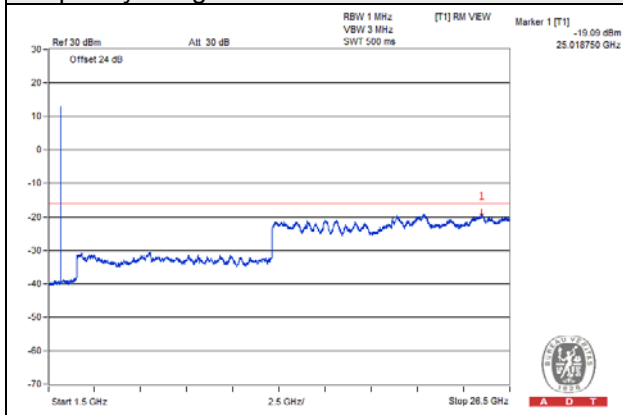
**Channel 2350**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

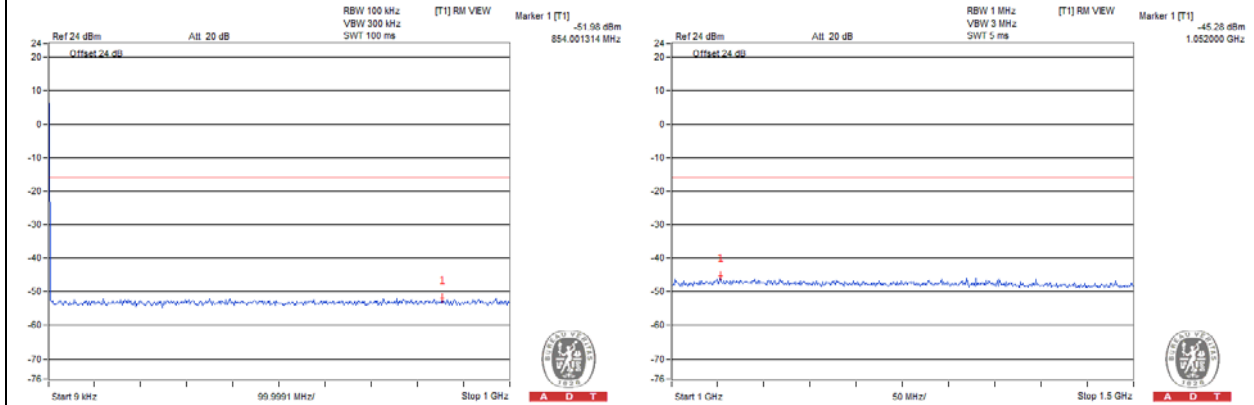


Frequency Range : 1.5GHz ~26.5GHz

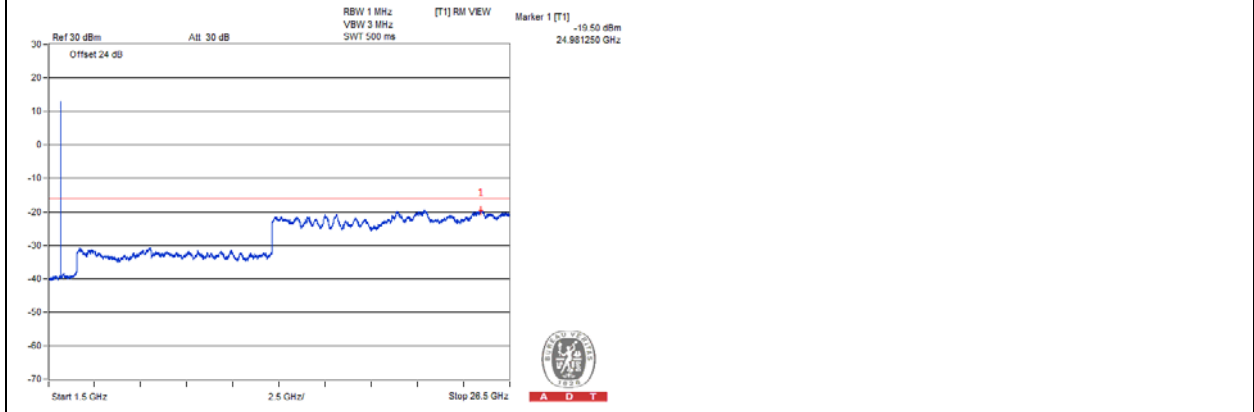


Chain 1				
QPSK / Channel Bandwidth: 10MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
854.0013	-51.98	-16.01	-35.97	Pass
1052	-45.28	-16.01	-29.27	Pass
24981.25	-19.50	-16.01	-3.49	Pass

Channel 2350  
 Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 0**

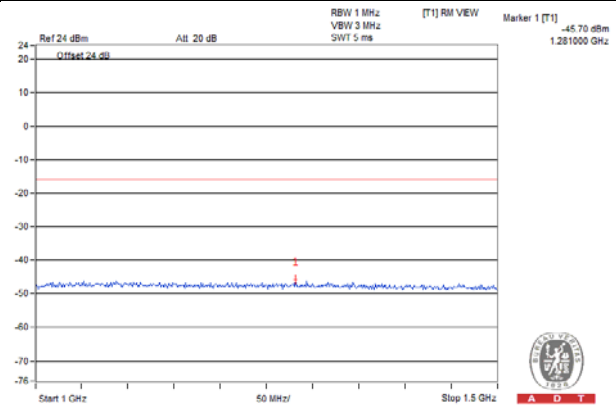
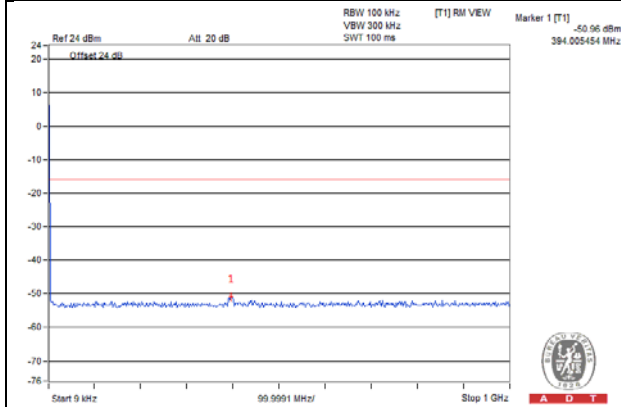
QPSK / Channel Bandwidth: 15MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
394.0055	-50.96	-16.01	-34.95	Pass
1281	-45.70	-16.01	-29.69	Pass
25006.25	-19.31	-16.01	-3.3	Pass

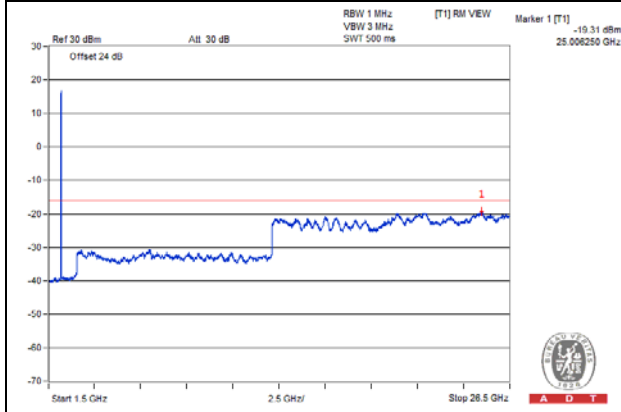
**Channel 2025**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

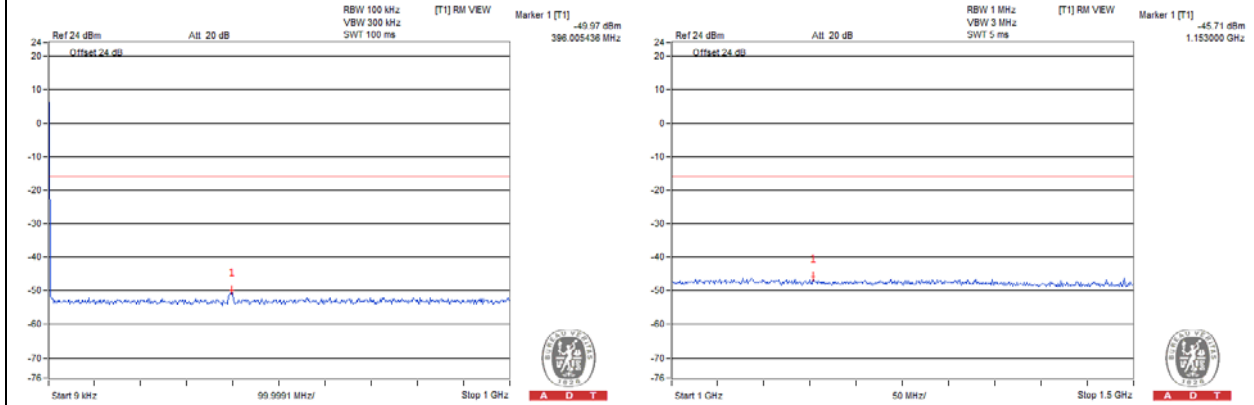


Frequency Range : 1.5GHz ~26.5GHz

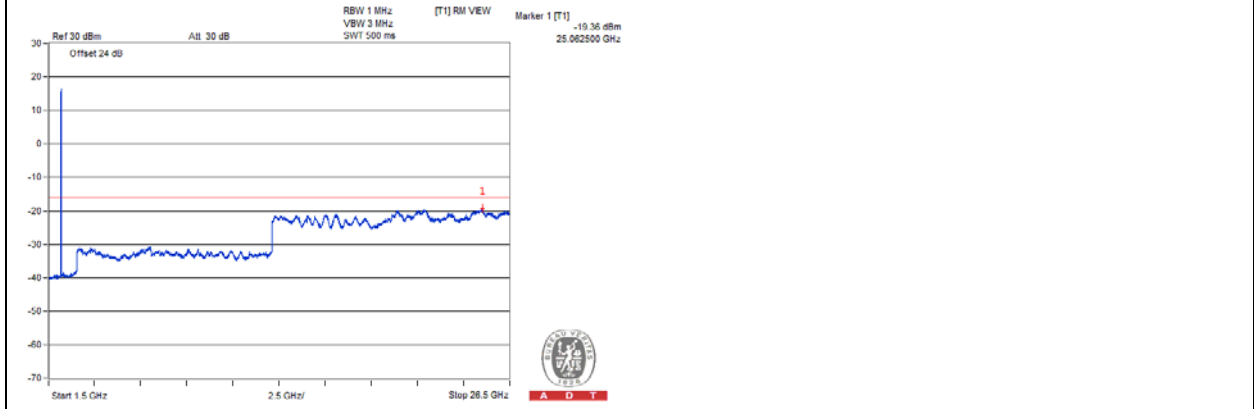


Chain 1				
QPSK / Channel Bandwidth: 15MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-49.97	-16.01	-33.96	Pass
1153	-45.71	-16.01	-29.7	Pass
25062.5	-19.36	-16.01	-3.35	Pass

**Channel 2025**  
 Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz



**Frequency Range : 1.5GHz ~26.5GHz**



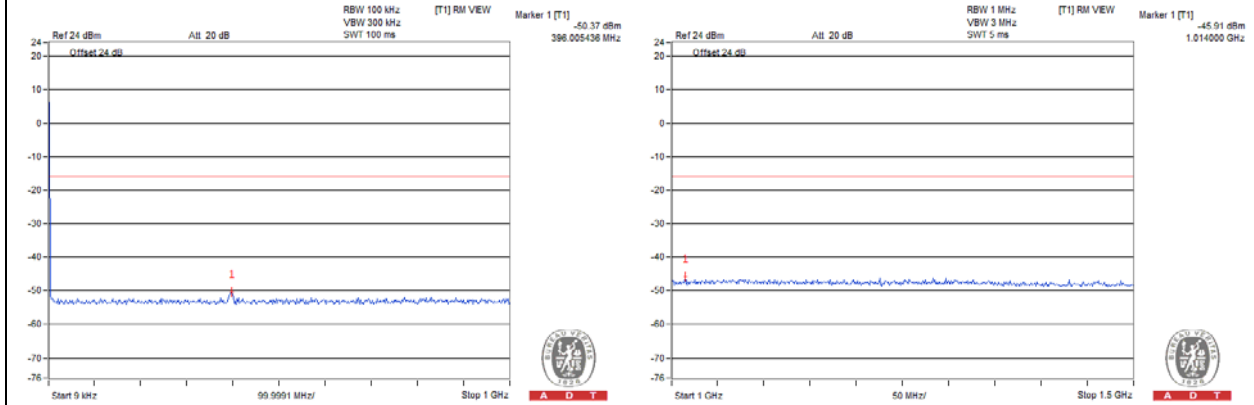
**Chain 0**

QPSK / Channel Bandwidth: 15MHz

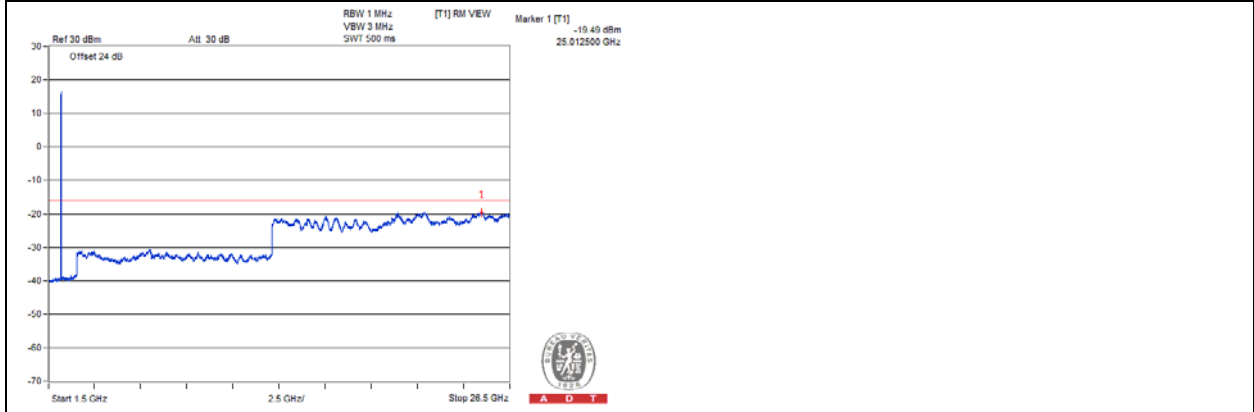
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.37	-16.01	-34.36	Pass
1014	-45.91	-16.01	-29.9	Pass
25012.5	-19.49	-16.01	-3.48	Pass

**Channel 2175**

Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz

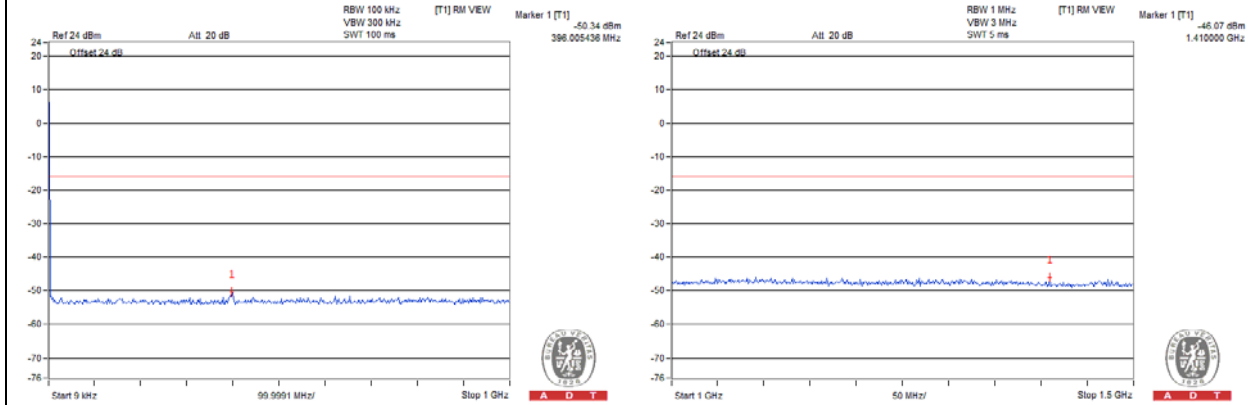


**Frequency Range : 1.5GHz ~26.5GHz**

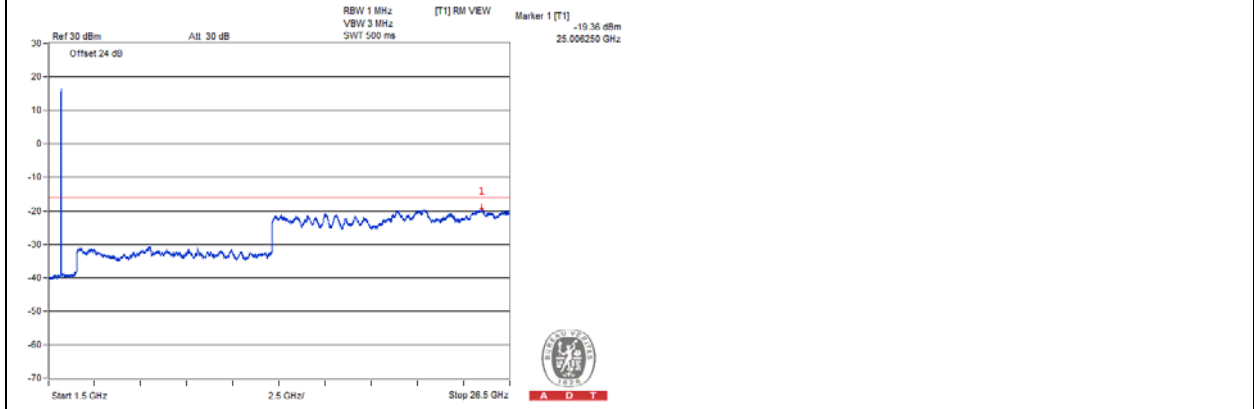


Chain 1				
QPSK / Channel Bandwidth: 15MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.34	-16.01	-34.33	Pass
1410	-46.07	-16.01	-30.06	Pass
25006.25	-19.36	-16.01	-3.35	Pass

Channel 2175	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~1.5GHz



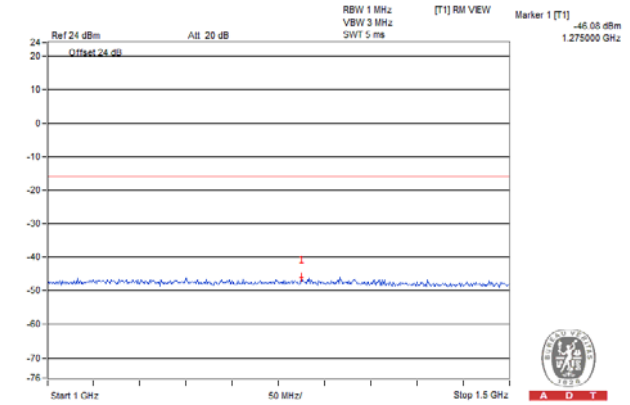
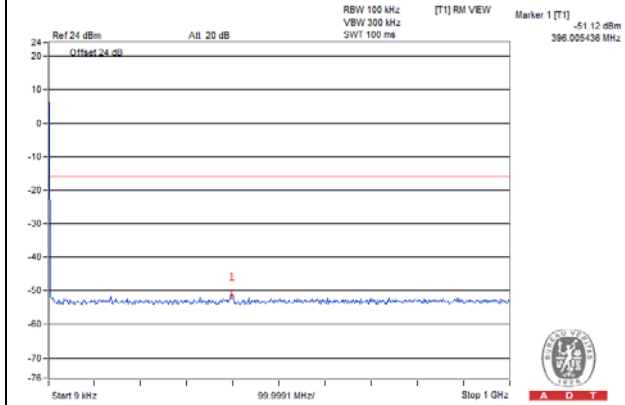
Frequency Range : 1.5GHz ~26.5GHz
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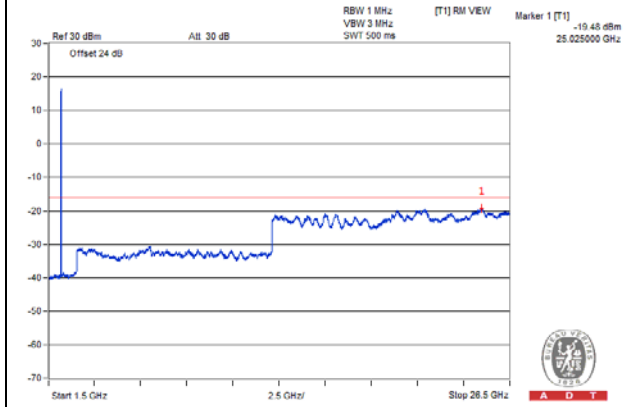


Chain 0				
QPSK / Channel Bandwidth: 15MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-51.12	-16.01	-35.11	Pass
1275	-46.08	-16.01	-30.07	Pass
25025	-19.48	-16.01	-3.47	Pass

Channel 2325  
 Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz

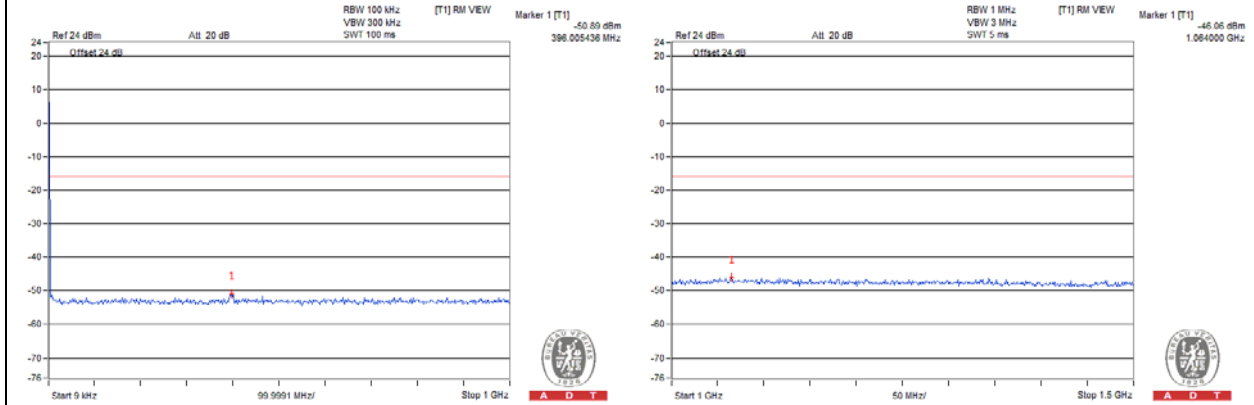


Frequency Range : 1.5GHz ~26.5GHz

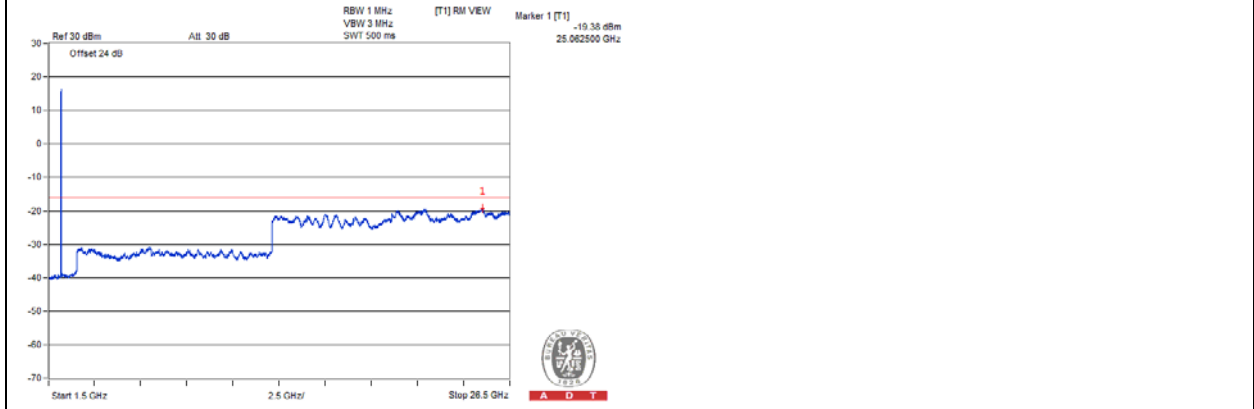


Chain 1				
QPSK / Channel Bandwidth: 15MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
396.0054	-50.89	-16.01	-34.88	Pass
1064	-46.06	-16.01	-30.05	Pass
25062.5	-19.38	-16.01	-3.37	Pass

Channel 2325
Frequency Range : 9kHz~1GHz
Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz
-----------------------------------



**Chain 0**

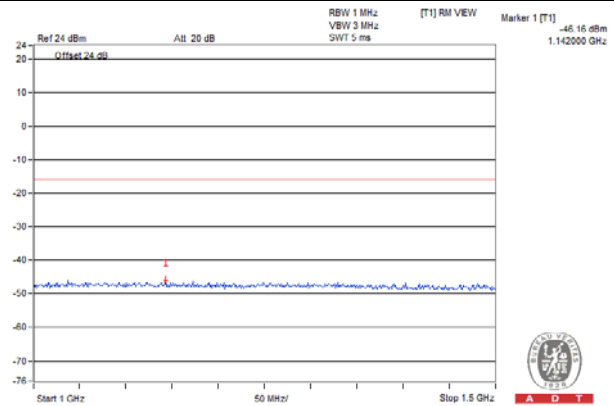
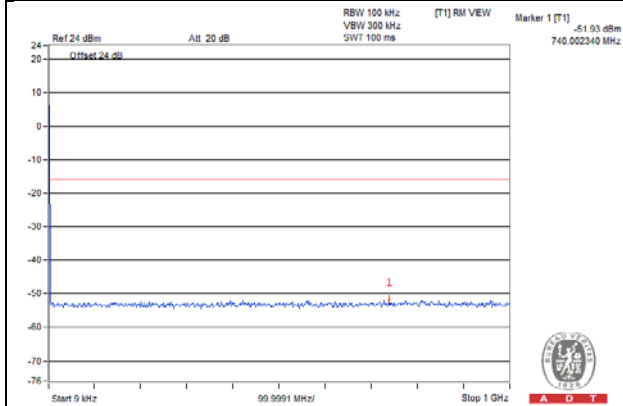
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
740.0023	-51.93	-16.01	-35.92	Pass
1142	-46.16	-16.01	-30.15	Pass
21850	-19.33	-16.01	-3.32	Pass

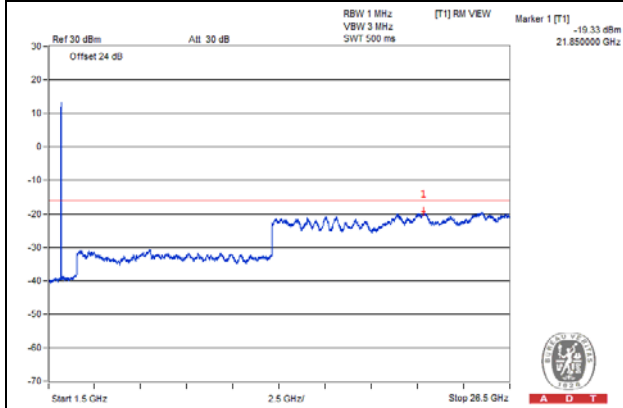
**Channel 2050**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 1**

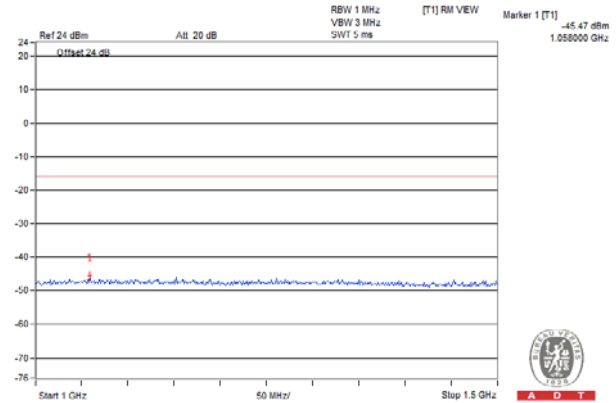
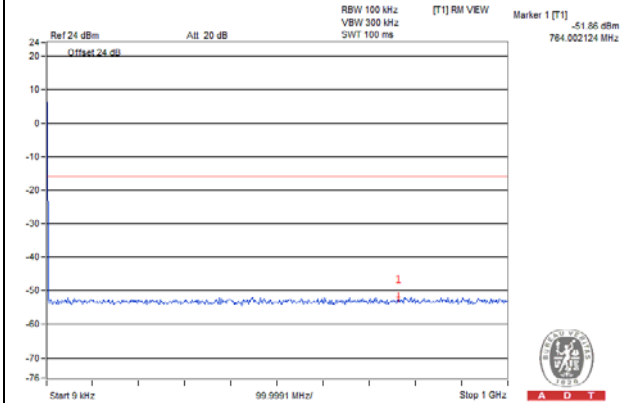
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
764.0021	-51.86	-16.01	-35.85	Pass
1058	-45.47	-16.01	-29.46	Pass
24987.5	-19.38	-16.01	-3.37	Pass

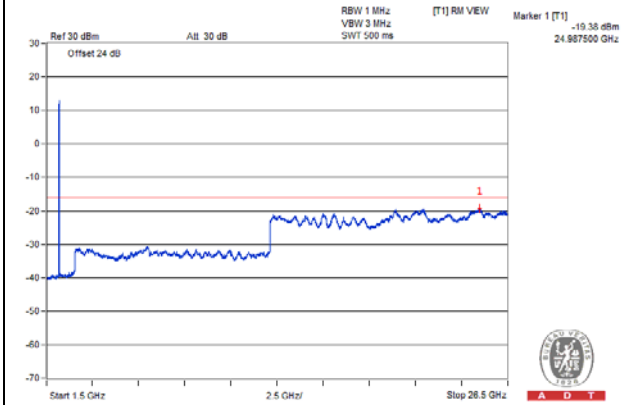
**Channel 2050**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



**Frequency Range : 1.5GHz ~26.5GHz**



**Chain 0**

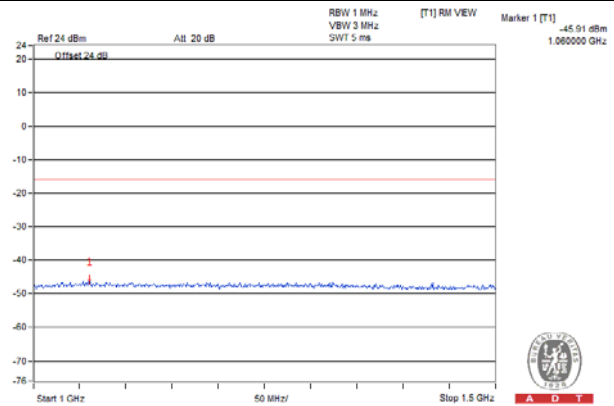
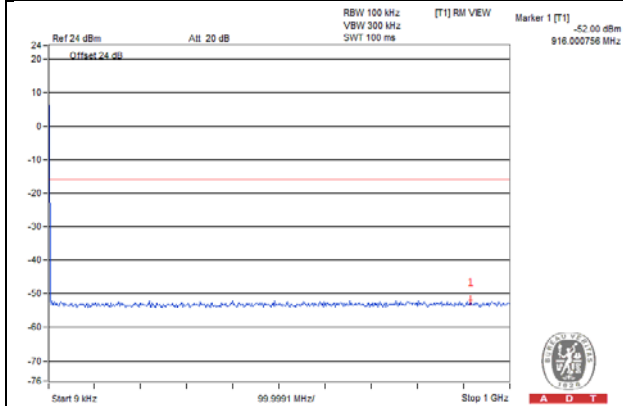
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
916.0008	-52.00	-16.01	-35.99	Pass
1060	-45.91	-16.01	-29.9	Pass
25068.75	-19.50	-16.01	-3.49	Pass

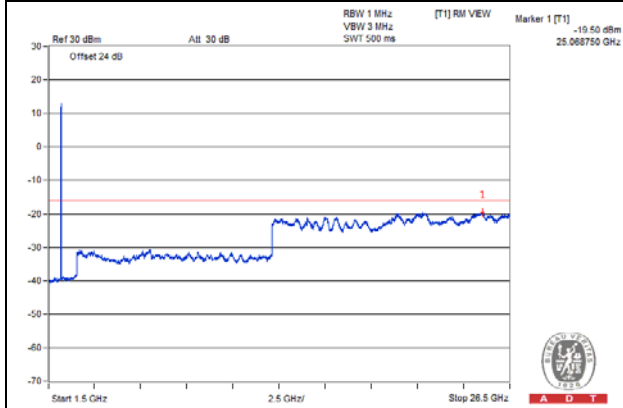
**Channel 2175**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz

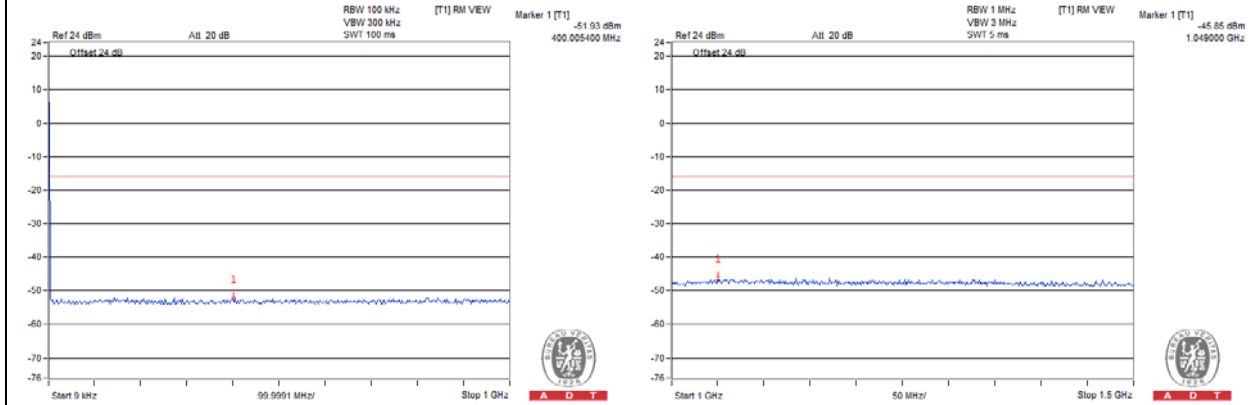


Frequency Range : 1.5GHz ~26.5GHz

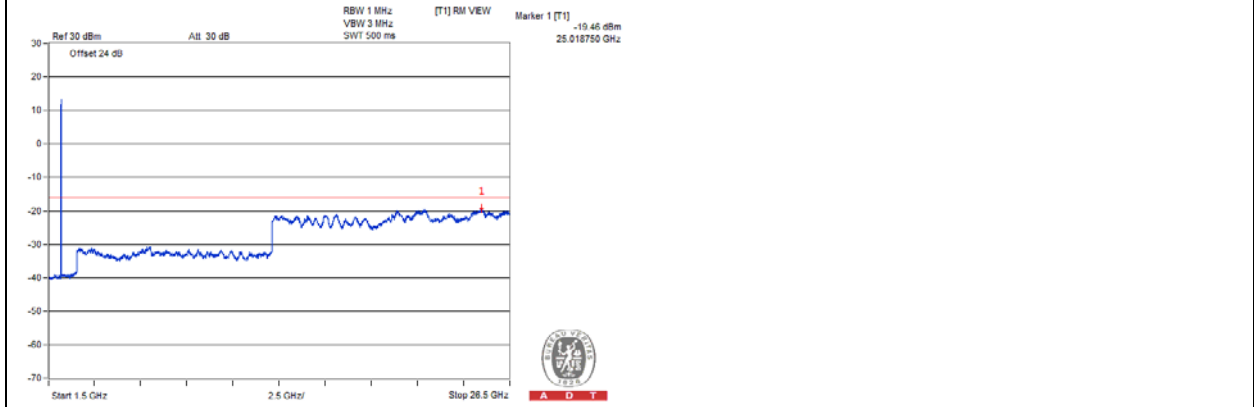


Chain 1				
QPSK / Channel Bandwidth: 20MHz				
Frequency(MHz)	Measurement Value	Limit	Margin	Result
400.0054	-51.93	-16.01	-35.92	Pass
1049	-45.85	-16.01	-29.84	Pass
25018.75	-19.46	-16.01	-3.45	Pass

Channel 2175  
 Frequency Range : 9kHz~1GHz      Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 0**

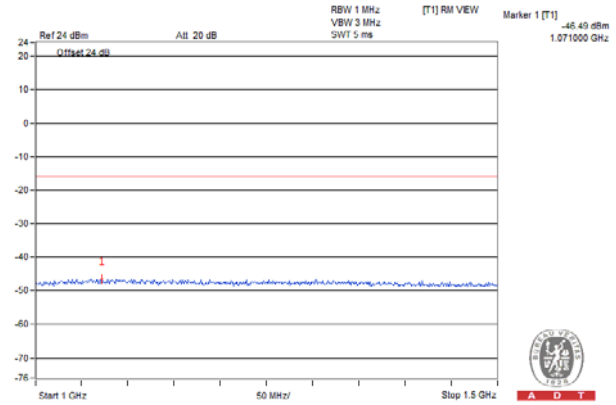
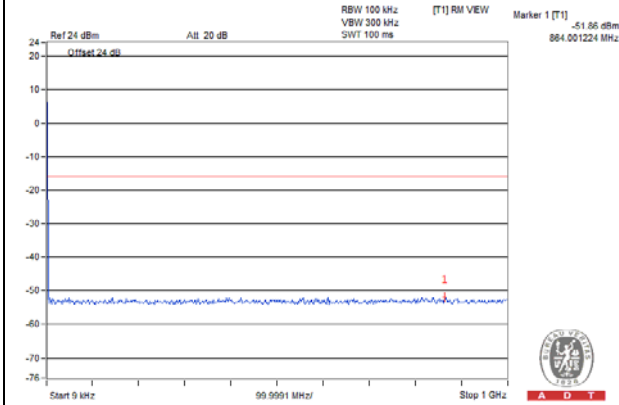
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
864.0012	-51.86	-16.01	-35.85	Pass
1071	-46.49	-16.01	-30.48	Pass
25056.25	-19.56	-16.01	-3.55	Pass

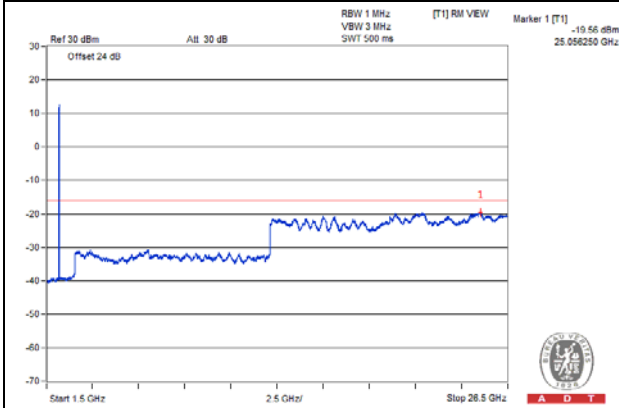
**Channel 2300**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz



**Chain 1**

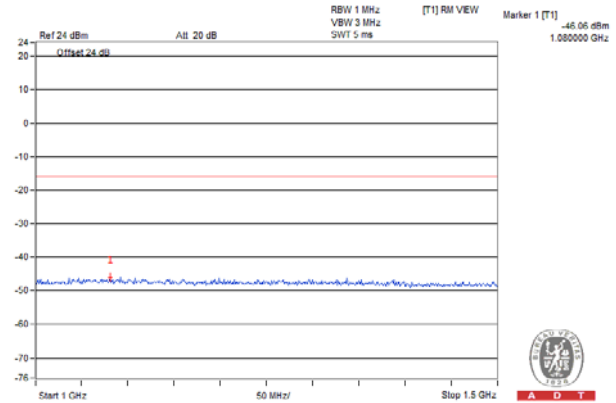
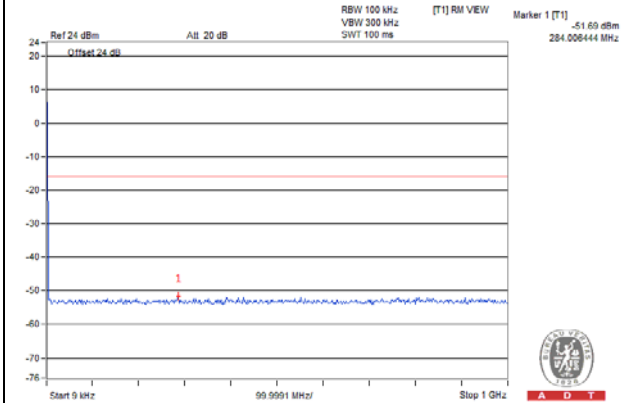
QPSK / Channel Bandwidth: 20MHz

Frequency(MHz)	Measurement Value	Limit	Margin	Result
284.0064	-51.69	-16.01	-35.68	Pass
1080	-46.06	-16.01	-30.05	Pass
24968.75	-19.38	-16.01	-3.37	Pass

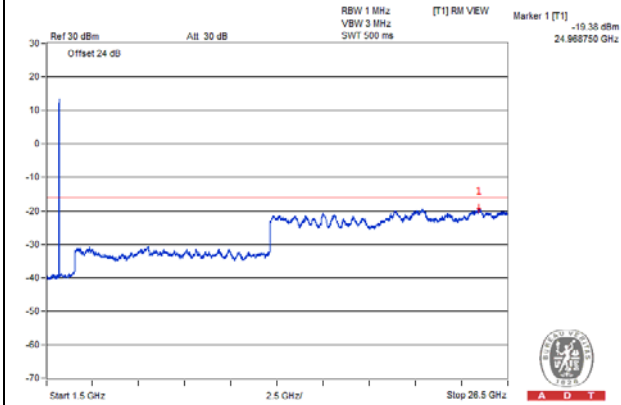
**Channel 2300**

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz ~1.5GHz



Frequency Range : 1.5GHz ~26.5GHz





## 4.7 Radiated Emission Measurement

### 4.7.1 Limits of Radiated Emission Measurement

In the FCC 27.53(h), On any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log (P)$  dB, the emission limit equal to  $-13\text{dBm}$ .

### 4.7.2 Test Procedure

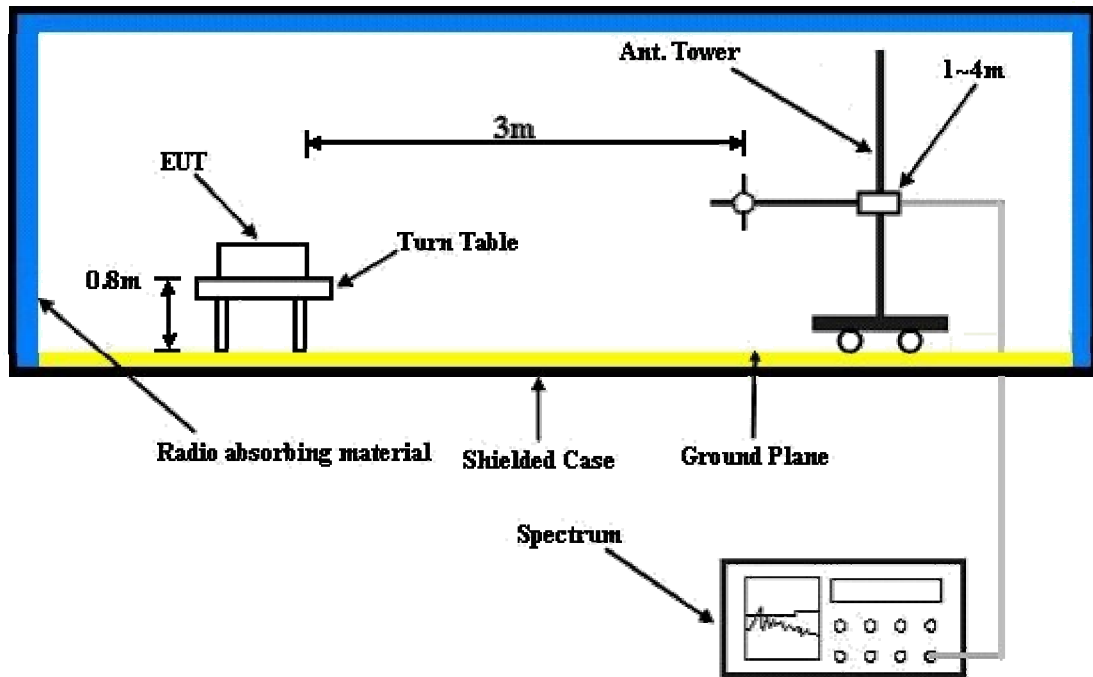
- a. The power was measured with R&S Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high channel of operational frequency range.)
- b. Substitution method is used for EIRP measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step b. Record the power level of S.G
- d.  $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution antenna}$ .

**NOTE:** The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

### 4.7.3 Deviation from Test Standard

No deviation.

4.7.4 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

**4.7.5 Test Results (With POE)**

Below 1GHz

Channel Bandwidth: 5MHz

Mode	TX channel 1975	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.202	31.59	-47.71	-9.48	-57.19	-13	-44.19
2	139.371	30.37	-63.43	-1.31	-64.74	-13	-51.74
3	295.336	33.30	-62.34	3.74	-58.60	-13	-45.60
4	650.854	38.23	-56.79	1.74	-55.05	-13	-42.05
5	920.354	39.77	-58.73	0.43	-58.30	-13	-45.30
6	959.224	41.51	-56.35	0.39	-55.96	-13	-42.96
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.34	37.31	-40.95	-10.18	-51.13	-13	-38.13
2	101.6	39.18	-51.41	-0.67	-52.08	-13	-39.08
3	501.33	34.10	-61.40	2.88	-58.52	-13	-45.52
4	649.74	33.45	-61.54	1.74	-59.79	-13	-46.79
5	900.8	39.28	-59.44	0.49	-58.95	-13	-45.95
6	958.54	41.78	-56.10	0.38	-55.72	-13	-42.72

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.232	32.15	-47.16	-9.47	-56.63	-13	-43.63
2	139.471	31.45	-62.38	-1.31	-63.68	-13	-50.68
3	295.596	34.73	-60.92	3.74	-57.18	-13	-44.18
4	650.244	39.72	-55.28	1.74	-53.54	-13	-40.54
5	921.034	41.00	-57.50	0.43	-57.07	-13	-44.07
6	960.074	41.83	-56.00	0.39	-55.61	-13	-42.61

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.32	37.97	-40.29	-10.18	-50.47	-13	-37.47
2	101.06	39.60	-51.02	-0.66	-51.67	-13	-38.67
3	501.72	35.09	-60.41	2.88	-57.53	-13	-44.53
4	650.45	34.39	-60.62	1.74	-58.87	-13	-45.87
5	900.1	40.95	-57.78	0.49	-57.29	-13	-44.29
6	958.7	42.52	-55.35	0.38	-54.97	-13	-41.97

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2375	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.012	31.16	-48.07	-9.53	-57.60	-13	-44.60
2	140.021	30.06	-63.88	-1.31	-65.19	-13	-52.19
3	295.386	34.12	-61.52	3.74	-57.78	-13	-44.78
4	649.554	38.54	-56.44	1.75	-54.70	-13	-41.70
5	921.244	40.49	-58.00	0.43	-57.58	-13	-44.58
6	960.804	40.83	-56.97	0.39	-56.58	-13	-43.58

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.93	37.60	-40.88	-10.04	-50.91	-13	-37.91
2	100.44	39.51	-51.14	-0.64	-51.78	-13	-38.78
3	502.03	34.25	-61.25	2.87	-58.37	-13	-45.37
4	651.42	33.65	-61.38	1.74	-59.64	-13	-46.64
5	899.21	39.74	-59.00	0.50	-58.51	-13	-45.51
6	958.19	42.45	-55.44	0.38	-55.06	-13	-42.06

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

ABOVE 1GHz

Channel Bandwidth: 5MHz

Mode	TX channel 1975	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225	65.35	-39.45	7.43	-32.03	-13	-19.03
2	6337.5	51.71	-52.43	6.20	-46.23	-13	-33.23
3	8450	57.80	-44.82	4.20	-40.62	-13	-27.62
4	10562.5	58.07	-43.98	3.51	-40.47	-13	-27.47
5	12675	58.63	-42.70	4.38	-38.33	-13	-25.33
6	14787.5	61.3	-35.86	3.78	-32.08	-13	-19.08
7	16900	64.89	-34.17	2.93	-31.24	-13	-18.24
8	19012.5	67.17	-33.25	3.71	-29.54	-13	-16.54
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225	56.33	-48.47	7.43	-41.05	-13	-28.05
2	6337.5	51.39	-52.75	6.20	-46.55	-13	-33.55
3	8450	56.34	-46.28	4.20	-42.08	-13	-29.08
4	10562.5	58.19	-43.86	3.51	-40.35	-13	-27.35
5	12675	56.71	-44.62	4.38	-40.25	-13	-27.25
6	14787.5	60.55	-36.61	3.78	-32.83	-13	-19.83
7	16900	64.79	-34.27	2.93	-31.34	-13	-18.34
8	19012.5	68.48	-31.94	3.71	-28.23	-13	-15.23

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4265	65.90	-37.17	7.87	-29.30	-13	-16.30
2	6397.5	52.80	-51.72	7.05	-44.67	-13	-31.67
3	8530	58.50	-43.44	5.03	-38.41	-13	-25.41
4	10662.5	58.8	-43.91	4.23	-39.68	-13	-26.68
5	12795	60	-42.24	3.67	-38.57	-13	-25.57
6	14927.5	62.4	-39.11	4.37	-34.74	-13	-21.74
7	17060	65	-34.85	1.93	-32.91	-13	-19.91
8	19192.5	68.2	-32.99	3.85	-29.14	-13	-16.14

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4265	57.6	-45.47	7.87	-37.60	-13	-24.60
2	6397.5	52.5	-52.02	7.05	-44.97	-13	-31.97
3	8530	57.7	-44.24	5.03	-39.21	-13	-26.21
4	10662.5	59.3	-43.41	4.23	-39.18	-13	-26.18
5	12795	57.5	-44.74	3.67	-41.07	-13	-28.07
6	14927.5	61.9	-39.61	4.37	-35.24	-13	-22.24
7	17060	65	-34.85	1.93	-32.91	-13	-19.91
<b>8</b>	<b>19192.5</b>	<b>68.9</b>	<b>-32.29</b>	<b>3.85</b>	<b>-28.44</b>	<b>-13</b>	<b>-15.44</b>

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2375	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4305	65.53	-39.19	7.39	-31.80	-13	-18.80
2	6457.5	52.53	-51.61	6.00	-45.61	-13	-32.61
3	8610	57.72	-44.90	4.23	-40.67	-13	-27.67
4	10762.5	58.02	-43.80	3.32	-40.48	-13	-27.48
5	12915	59.33	-41.63	4.43	-37.20	-13	-24.20
6	15067.5	61.26	-36.15	3.68	-32.47	-13	-19.47
7	17220	64.43	-34.83	3.05	-31.78	-13	-18.78
8	19372.5	67.67	-34.65	3.78	-30.87	-13	-17.87

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4305	56.3	-48.42	7.39	-41.03	-13	-28.03
2	6457.5	52.47	-51.67	6.00	-45.67	-13	-32.67
3	8610	56.31	-46.31	4.23	-42.08	-13	-29.08
4	10762.5	57.84	-43.98	3.32	-40.66	-13	-27.66
5	12915	57.18	-43.78	4.43	-39.35	-13	-26.35
6	15067.5	60.93	-36.48	3.68	-32.80	-13	-19.80
7	17220	64.84	-34.42	3.05	-31.37	-13	-18.37
8	19372.5	67.59	-34.73	3.78	-30.95	-13	-17.95

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Below 1GHz

Channel Bandwidth: 10MHz

Mode	TX channel 2000	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.772	32.37	-47.14	-9.34	-56.48	-13	-43.48
2	139.631	29.27	-64.59	-1.31	-65.90	-13	-52.90
3	294.736	33.64	-61.98	3.75	-58.24	-13	-45.24
4	649.894	38.49	-56.50	1.74	-54.76	-13	-41.76
5	921.454	38.68	-59.81	0.43	-59.38	-13	-46.38
6	960.144	41.59	-56.24	0.39	-55.84	-13	-42.84
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.91	36.02	-42.45	-10.04	-52.49	-13	-39.49
2	99.86	39.10	-51.58	-0.62	-52.20	-13	-39.20
3	502.14	32.01	-63.48	2.87	-60.61	-13	-47.61
4	651.25	32.23	-62.80	1.74	-61.06	-13	-48.06
5	899.13	40.79	-57.95	0.50	-57.46	-13	-44.46
6	957.57	42.80	-55.11	0.38	-54.73	-13	-41.73

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	53.222	33.06	-46.61	-9.23	-55.84	-13	-42.84
2	139.801	30.67	-63.23	-1.31	-64.54	-13	-51.54
3	294.636	34.06	-61.56	3.75	-57.81	-13	-44.81
4	650.914	40.21	-54.81	1.74	-53.07	-13	-40.07
5	920.634	40.36	-58.14	0.43	-57.71	-13	-44.71
6	960.774	42.75	-55.05	0.39	-54.66	-13	-41.66

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.59	37.23	-41.12	-10.12	-51.24	-13	-38.24
2	100.57	40.52	-50.12	-0.64	-50.77	-13	-37.77
3	501.96	34.12	-61.38	2.88	-58.50	-13	-45.50
4	649.91	33.89	-61.10	1.74	-59.36	-13	-46.36
5	899.3	40.92	-57.82	0.50	-57.33	-13	-44.33
6	958.97	43.19	-54.68	0.39	-54.29	-13	-41.29

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2350	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	51.832	32.37	-46.79	-9.57	-56.37	-13	-43.37
2	140.891	29.27	-64.86	-1.32	-66.18	-13	-53.18
3	294.746	33.64	-61.98	3.75	-58.24	-13	-45.24
4	649.324	38.49	-56.49	1.75	-54.74	-13	-41.74
5	921.354	38.68	-59.81	0.43	-59.38	-13	-46.38
6	960.274	41.59	-56.23	0.39	-55.84	-13	-42.84

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	50.76	36.02	-42.76	-9.83	-52.59	-13	-39.59
2	100.49	39.10	-51.55	-0.64	-52.19	-13	-39.19
3	501.71	32.01	-63.49	2.88	-60.61	-13	-47.61
4	652.28	32.23	-62.83	1.74	-61.09	-13	-48.09
5	898.45	40.79	-57.96	0.50	-57.46	-13	-44.46
6	958.18	42.80	-55.09	0.38	-54.71	-13	-41.71

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

ABOVE 1GHz

Channel Bandwidth: 10MHz

Mode	TX channel 2000	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4230	65.33	-39.47	7.42	-32.04	-13	-19.04
2	6345	50.75	-53.39	6.19	-47.20	-13	-34.20
3	8460	57.24	-45.38	4.20	-41.18	-13	-28.18
4	10575	58.61	-43.42	3.50	-39.93	-13	-26.93
5	12690	59.49	-41.82	4.38	-37.44	-13	-24.44
6	14805	62.18	-35.00	3.78	-31.22	-13	-18.22
7	16920	64.52	-34.55	2.94	-31.61	-13	-18.61
8	19035	67.53	-33.00	3.71	-29.29	-13	-16.29
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4230	56.01	-48.79	7.42	-41.36	-13	-28.36
2	6345	51.79	-52.35	6.19	-46.16	-13	-33.16
3	8460	57.73	-44.89	4.20	-40.69	-13	-27.69
4	10575	57.36	-44.67	3.50	-41.18	-13	-28.18
5	12690	58.32	-42.99	4.38	-38.61	-13	-25.61
6	14805	61.6	-35.58	3.78	-31.80	-13	-18.80
7	16920	64.09	-34.98	2.94	-32.04	-13	-19.04
8	19035	67.33	-33.20	3.71	-29.49	-13	-16.49

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4265	65.80	-37.27	7.87	-29.40	-13	-16.40
2	6397.5	51.80	-52.72	7.05	-45.67	-13	-32.67
3	8530	57.80	-44.14	5.03	-39.11	-13	-26.11
4	10662.5	59	-43.71	4.23	-39.48	-13	-26.48
5	12795	60.4	-41.84	3.67	-38.17	-13	-25.17
6	14927.5	62.8	-38.71	4.37	-34.34	-13	-21.34
7	17060	64.6	-35.25	1.93	-33.31	-13	-20.31
8	19192.5	68.1	-33.09	3.85	-29.24	-13	-16.24

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4265	56.6	-46.47	7.87	-38.60	-13	-25.60
2	6397.5	52.4	-52.12	7.05	-45.07	-13	-32.07
3	8530	58.1	-43.84	5.03	-38.81	-13	-25.81
4	10662.5	58.5	-44.21	4.23	-39.98	-13	-26.98
5	12795	58.4	-43.84	3.67	-40.17	-13	-27.17
6	14927.5	62.6	-38.91	4.37	-34.54	-13	-21.54
7	17060	65.3	-34.55	1.93	-32.61	-13	-19.61
8	19192.5	67.8	-33.39	3.85	-29.54	-13	-16.54

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2350	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4300	65.06	-39.66	7.39	-32.27	-13	-19.27
2	6450	50.34	-53.80	6.01	-47.79	-13	-34.79
3	8600	57.71	-44.91	4.23	-40.68	-13	-27.68
4	10750	58.92	-42.92	3.33	-39.58	-13	-26.58
5	12900	60.06	-40.92	4.42	-36.50	-13	-23.50
6	15050	62.36	-35.03	3.69	-31.35	-13	-18.35
7	17200	63.99	-35.25	3.04	-32.21	-13	-19.21
8	19350	67.44	-34.76	3.77	-30.99	-13	-17.99

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4300	55.7	-49.02	7.39	-41.63	-13	-28.63
2	6450	52.26	-51.88	6.01	-45.87	-13	-32.87
3	8600	57.9	-44.72	4.23	-40.49	-13	-27.49
4	10750	57.38	-44.46	3.33	-41.12	-13	-28.12
5	12900	58.08	-42.90	4.42	-38.48	-13	-25.48
6	15050	61.58	-35.81	3.69	-32.13	-13	-19.13
7	17200	65.11	-34.13	3.04	-31.09	-13	-18.09
8	19350	66.56	-35.64	3.77	-31.87	-13	-18.87

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Below 1GHz

Channel Bandwidth: 15MHz

Mode	TX channel 2025	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.992	32.36	-47.22	-9.29	-56.51	-13	-43.51
2	139.411	29.83	-63.98	-1.31	-65.29	-13	-52.29
3	294.656	34.44	-61.18	3.75	-57.43	-13	-44.43
4	648.674	38.44	-56.52	1.75	-54.77	-13	-41.77
5	922.044	40.78	-57.70	0.43	-57.28	-13	-44.28
6	960.264	40.32	-57.50	0.39	-57.11	-13	-44.11

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	50.57	37.12	-41.59	-9.88	-51.47	-13	-38.47
2	101.21	39.67	-50.94	-0.66	-51.60	-13	-38.60
3	502.63	32.73	-62.76	2.87	-59.89	-13	-46.89
4	650.86	33.13	-61.89	1.74	-60.15	-13	-47.15
5	899.33	38.99	-59.75	0.50	-59.26	-13	-46.26
6	957.81	40.00	-57.91	0.38	-57.53	-13	-44.53

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	51.722	32.69	-46.43	-9.60	-56.03	-13	-43.03
2	138.781	30.48	-63.20	-1.30	-64.50	-13	-51.50
3	295.006	35.40	-60.23	3.75	-56.49	-13	-43.49
4	650.574	39.09	-55.92	1.74	-54.18	-13	-41.18
5	921.634	41.02	-57.47	0.43	-57.04	-13	-44.04
6	960.694	41.79	-56.02	0.39	-55.62	-13	-42.62

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	50	38.17	-40.33	-10.02	-50.35	-13	-37.35
2	102.01	40.44	-50.12	-0.68	-50.81	-13	-37.81
3	501.79	34.19	-61.31	2.88	-58.43	-13	-45.43
4	649.56	34.17	-60.81	1.75	-59.07	-13	-46.07
5	899.43	40.47	-58.27	0.49	-57.77	-13	-44.77
6	958.4	41.74	-56.15	0.38	-55.76	-13	-42.76

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode	TX channel 2325	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	51.612	31.88	-47.21	-9.63	-56.83	-13	-43.83
2	140.841	29.66	-64.46	-1.32	-65.78	-13	-52.78
3	296.366	35.30	-60.37	3.74	-56.64	-13	-43.64
4	650.054	38.50	-56.50	1.74	-54.75	-13	-41.75
5	921.304	39.88	-58.61	0.43	-58.19	-13	-45.19
6	960.924	40.79	-57.01	0.40	-56.61	-13	-43.61

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	50.17	36.94	-41.62	-9.98	-51.60	-13	-38.60
2	101.33	38.98	-51.62	-0.66	-52.29	-13	-39.29
3	502.77	32.56	-62.93	2.87	-60.06	-13	-47.06
4	651.75	33.70	-61.34	1.74	-59.60	-13	-46.60
5	899.49	39.79	-58.95	0.49	-58.45	-13	-45.45
6	957.67	40.53	-57.38	0.38	-57.00	-13	-44.00

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

ABOVE 1GHz

Channel Bandwidth: 15MHz

Mode	TX channel 2025	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4235	65.38	-39.41	7.42	-31.99	-13	-18.99
2	6352.5	51.41	-52.73	6.18	-46.55	-13	-33.55
3	8470	57.56	-45.06	4.20	-40.86	-13	-27.86
4	10587.5	58.63	-43.39	3.49	-39.90	-13	-26.90
5	12705	59.11	-42.17	4.38	-37.79	-13	-24.79
6	14822.5	61.55	-35.64	3.77	-31.87	-13	-18.87
7	16940	65.08	-34.00	2.95	-31.06	-13	-18.06
8	19057.5	67.36	-33.29	3.71	-29.58	-13	-16.58
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4235	56.6	-48.19	7.42	-40.77	-13	-27.77
2	6352.5	52.63	-51.51	6.18	-45.33	-13	-32.33
3	8470	57.3	-45.32	4.20	-41.12	-13	-28.12
4	10587.5	57.8	-44.22	3.49	-40.73	-13	-27.73
5	12705	57.68	-43.60	4.38	-39.22	-13	-26.22
6	14822.5	62.06	-35.13	3.77	-31.36	-13	-18.36
7	16940	64.81	-34.27	2.95	-31.33	-13	-18.33
8	19057.5	67.64	-33.01	3.71	-29.30	-13	-16.30

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4265	66.50	-36.57	7.87	-28.70	-13	-15.70
2	6397.5	52.20	-52.32	7.05	-45.27	-13	-32.27
3	8530	57.60	-44.34	5.03	-39.31	-13	-26.31
4	10662.5	59.7	-43.01	4.23	-38.78	-13	-25.78
5	12795	60.6	-41.64	3.67	-37.97	-13	-24.97
6	14927.5	62.8	-38.71	4.37	-34.34	-13	-21.34
7	17060	65.4	-34.45	1.93	-32.51	-13	-19.51
8	19192.5	68.8	-32.39	3.85	-28.54	-13	-15.54

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4265	57.1	-45.97	7.87	-38.10	-13	-25.10
2	6397.5	53.3	-51.22	7.05	-44.17	-13	-31.17
3	8530	57.8	-44.14	5.03	-39.11	-13	-26.11
4	10662.5	59	-43.71	4.23	-39.48	-13	-26.48
5	12795	57.9	-44.34	3.67	-40.67	-13	-27.67
6	14927.5	62.8	-38.71	4.37	-34.34	-13	-21.34
7	17060	65	-34.85	1.93	-32.91	-13	-19.91
8	19192.5	67.7	-33.49	3.85	-29.64	-13	-16.64

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2325	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4295	66.08	-38.65	7.40	-31.25	-13	-18.25
2	6442.5	51.69	-52.45	6.02	-46.43	-13	-33.43
3	8590	56.71	-45.91	4.22	-41.69	-13	-28.69
4	10737.5	59.69	-42.16	3.34	-38.82	-13	-25.82
5	12885	59.45	-41.56	4.42	-37.14	-13	-24.14
6	15032.5	61.57	-35.81	3.69	-32.12	-13	-19.12
7	17180	65.22	-34.01	3.03	-30.98	-13	-17.98
8	19327.5	67.91	-34.17	3.77	-30.40	-13	-17.40

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4295	55.68	-49.05	7.40	-41.65	-13	-28.65
2	6442.5	52.42	-51.72	6.02	-45.70	-13	-32.70
3	8590	57.36	-45.26	4.22	-41.04	-13	-28.04
4	10737.5	58.3	-43.55	3.34	-40.21	-13	-27.21
5	12885	57.89	-43.12	4.42	-38.70	-13	-25.70
6	15032.5	61.97	-35.41	3.69	-31.72	-13	-18.72
7	17180	64.9	-34.33	3.03	-31.30	-13	-18.30
8	19327.5	67.47	-34.61	3.77	-30.84	-13	-17.84

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Below 1GHz

Channel Bandwidth: 20MHz

Mode	TX channel 2050	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.282	30.15	-49.18	-9.46	-58.64	-13	-45.64
2	140.561	27.73	-66.33	-1.31	-67.65	-13	-54.65
3	294.976	32.80	-62.83	3.75	-59.09	-13	-46.09
4	649.174	39.73	-55.24	1.75	-53.50	-13	-40.50
5	921.334	39.97	-58.52	0.43	-58.10	-13	-45.10
6	960.254	40.56	-57.26	0.39	-56.87	-13	-43.87

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.55	36.74	-41.60	-10.13	-51.73	-13	-38.73
2	99.96	37.25	-53.43	-0.63	-54.05	-13	-41.05
3	502.29	33.61	-61.88	2.87	-59.01	-13	-46.01
4	650.55	34.95	-60.06	1.74	-58.32	-13	-45.32
5	899.89	39.16	-59.57	0.49	-59.08	-13	-46.08
6	957.88	42.69	-55.21	0.38	-54.83	-13	-41.83

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.422	31.47	-47.91	-9.43	-57.34	-13	-44.34
2	138.561	30.56	-63.07	-1.30	-64.37	-13	-51.37
3	296.286	34.19	-61.48	3.74	-57.74	-13	-44.74
4	651.154	39.88	-55.15	1.74	-53.40	-13	-40.40
5	920.534	40.56	-57.94	0.43	-57.51	-13	-44.51
6	960.164	41.43	-56.40	0.39	-56.00	-13	-43.00

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.48	37.27	-41.04	-10.15	-51.19	-13	-38.19
2	101.5	38.74	-51.85	-0.67	-52.52	-13	-39.52
3	501.93	34.61	-60.89	2.88	-58.01	-13	-45.01
4	650.25	35.28	-59.72	1.74	-57.98	-13	-44.98
5	899.62	40.48	-58.26	0.49	-57.76	-13	-44.76
6	959.14	42.82	-55.04	0.39	-54.65	-13	-41.65

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2300	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.522	30.27	-49.14	-9.40	-58.55	-13	-45.55
2	139.611	28.10	-65.76	-1.31	-67.06	-13	-54.06
3	294.506	33.14	-62.48	3.75	-58.73	-13	-45.73
4	650.504	38.43	-56.58	1.74	-54.83	-13	-41.83
5	921.234	39.30	-59.19	0.43	-58.77	-13	-45.77
6	959.934	40.07	-57.76	0.39	-57.37	-13	-44.37

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.94	36.65	-41.83	-10.03	-51.86	-13	-38.86
2	99.52	37.93	-52.77	-0.61	-53.38	-13	-40.38
3	502.9	33.59	-61.90	2.87	-59.03	-13	-46.03
4	650.57	34.29	-60.72	1.74	-58.98	-13	-45.98
5	898.93	39.97	-58.78	0.50	-58.28	-13	-45.28
6	958.28	41.75	-56.14	0.38	-55.76	-13	-42.76

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

ABOVE 1GHz

Channel Bandwidth: 20MHz

Mode	TX channel 2050	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4240	65.30	-39.49	7.42	-32.07	-13	-19.07
2	6360	52.20	-51.94	6.16	-45.78	-13	-32.78
3	8480	58.40	-44.22	4.20	-40.02	-13	-27.02
4	10600	59.5	-42.51	3.47	-39.03	-13	-26.03
5	12720	60.6	-40.66	4.39	-36.28	-13	-23.28
6	14840	62.1	-35.11	3.76	-31.35	-13	-18.35
7	16960	64.5	-34.60	2.95	-31.64	-13	-18.64
8	19080	67.8	-32.97	3.72	-29.25	-13	-16.25
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4240	56.4	-48.39	7.42	-40.97	-13	-27.97
2	6360	52.5	-51.64	6.16	-45.48	-13	-32.48
3	8480	57.4	-45.22	4.20	-41.02	-13	-28.02
4	10600	58.5	-43.51	3.47	-40.03	-13	-27.03
5	12720	57.9	-43.36	4.39	-38.98	-13	-25.98
6	14840	62.4	-34.81	3.76	-31.05	-13	-18.05
7	16960	65.8	-33.30	2.95	-30.34	-13	-17.34
8	19080	68.5	-32.27	3.72	-28.55	-13	-15.55

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode	TX channel 2175	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4265	65.30	-37.77	7.87	-29.90	-13	-16.90
2	6397.5	52.20	-52.32	7.05	-45.27	-13	-32.27
3	8530	58.40	-43.54	5.03	-38.51	-13	-25.51
4	10662.5	59.5	-43.21	4.23	-38.98	-13	-25.98
5	12795	60.6	-41.64	3.67	-37.97	-13	-24.97
6	14927.5	62.1	-39.41	4.37	-35.04	-13	-22.04
7	17060	64.5	-35.35	1.93	-33.41	-13	-20.41
8	19192.5	67.8	-33.39	3.85	-29.54	-13	-16.54

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4265	56.4	-46.67	7.87	-38.80	-13	-25.80
2	6397.5	52.5	-52.02	7.05	-44.97	-13	-31.97
3	8530	57.4	-44.54	5.03	-39.51	-13	-26.51
4	10662.5	58.5	-44.21	4.23	-39.98	-13	-26.98
5	12795	57.9	-44.34	3.67	-40.67	-13	-27.67
6	14927.5	62.4	-39.11	4.37	-34.74	-13	-21.74
7	17060	65.8	-34.05	1.93	-32.11	-13	-19.11
8	19192.5	68.5	-32.69	3.85	-28.84	-13	-15.84

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2300	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4290	65.30	-39.43	7.40	-32.04	-13	-19.04
2	6435	52.20	-51.94	6.04	-45.90	-13	-32.90
3	8580	58.40	-44.22	4.22	-40.00	-13	-27.00
4	10725	59.5	-42.36	3.35	-39.01	-13	-26.01
5	12870	60.6	-40.43	4.42	-36.01	-13	-23.01
6	15015	62.1	-35.26	3.70	-31.57	-13	-18.57
7	17160	64.5	-34.72	3.03	-31.69	-13	-18.69
8	19305	67.8	-34.16	3.76	-30.40	-13	-17.40

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4290	56.4	-48.33	7.40	-40.94	-13	-27.94
2	6435	52.5	-51.64	6.04	-45.60	-13	-32.60
3	8580	57.4	-45.22	4.22	-41.00	-13	-28.00
4	10725	58.5	-43.36	3.35	-40.01	-13	-27.01
5	12870	57.9	-43.13	4.42	-38.71	-13	-25.71
6	15015	62.4	-34.96	3.70	-31.27	-13	-18.27
7	17160	65.8	-33.42	3.03	-30.39	-13	-17.39
8	19305	68.5	-33.46	3.76	-29.70	-13	-16.70

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**4.7.6 Test Results (With Adapter)**

Below 1GHz

Channel Bandwidth: 5MHz

Mode	TX channel 1975	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	60.701	27.41	-54.97	-7.41	-62.37	-13	-49.37
2	174.687	33.68	-67.79	-1.53	-69.32	-13	-56.32
3	300.816	34.50	-61.31	3.71	-57.60	-13	-44.60
4	447.74	26.83	-62.73	2.25	-60.47	-13	-47.47
5	599.35	33.37	-68.75	1.41	-67.34	-13	-54.34
6	921.274	41.71	-57.43	0.19	-57.24	-13	-44.24
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	48.118	34.54	-43.28	-10.48	-53.76	-13	-40.76
2	164.384	30.59	-56.62	-2.42	-59.04	-13	-46.04
3	300.396	33.82	-64.06	4.38	-59.69	-13	-46.69
4	500.044	33.89	-57.07	2.12	-54.95	-13	-41.95
5	600.87	34.12	-67.98	1.41	-66.57	-13	-53.57
6	921.844	39.53	-59.60	0.20	-59.40	-13	-46.40

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	61.401	27.93	-55.03	-7.17	-62.20	-13	-49.20
2	174.397	34.44	-57.79	1.38	-56.41	-13	-43.41
3	300.716	34.95	-60.86	3.71	-57.15	-13	-44.15
4	448.53	27.93	-70.41	2.80	-67.60	-13	-54.60
5	599.19	34.07	-60.54	1.79	-58.75	-13	-45.75
6	921.654	42.09	-56.40	0.43	-55.97	-13	-42.97

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	48.058	35.10	-42.70	-10.49	-53.19	-13	-40.19
2	163.734	31.55	-57.70	-0.16	-57.86	-13	-44.86
3	300.246	34.00	-61.79	3.71	-58.08	-13	-45.08
4	499.334	34.11	-61.42	2.89	-58.52	-13	-45.52
5	600.32	34.72	-59.90	1.79	-58.11	-13	-45.11
6	921.644	39.99	-58.50	0.43	-58.07	-13	-45.07

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2375	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	60.681	27.32	-55.05	-7.41	-62.46	-13	-49.46
2	173.527	33.09	-68.13	-1.52	-69.65	-13	-56.65
3	299.796	34.87	-60.91	3.71	-57.19	-13	-44.19
4	448.34	27.49	-62.08	2.25	-59.83	-13	-46.83
5	599.67	33.00	-69.11	1.41	-67.70	-13	-54.70
6	922.214	41.14	-57.97	0.20	-57.77	-13	-44.77

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	48.828	33.61	-44.47	-10.30	-54.77	-13	-41.77
2	163.194	30.75	-56.52	-2.38	-58.91	-13	-45.91
3	300.876	33.52	-64.36	4.37	-59.99	-13	-46.99
4	499.394	32.92	-58.03	2.12	-55.90	-13	-42.90
5	599.71	34.39	-67.72	1.41	-66.31	-13	-53.31
6	921.014	39.46	-59.69	0.19	-59.50	-13	-46.50

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Below 1GHz

Channel Bandwidth: 10MHz

Mode	TX channel 2000	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	61.891	25.73	-57.08	-7.12	-64.19	-13	-51.19
2	174.267	34.49	-66.89	-1.53	-68.42	-13	-55.42
3	300.726	35.62	-60.18	3.71	-56.48	-13	-43.48
4	449.15	26.85	-62.75	2.25	-60.50	-13	-47.50
5	599.26	33.86	-68.26	1.41	-66.85	-13	-53.85
6	920.664	39.84	-59.33	0.19	-59.13	-13	-46.13
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	48.698	34.75	-43.28	-10.34	-53.62	-13	-40.62
2	163.754	30.86	-56.38	-2.40	-58.78	-13	-45.78
3	299.616	34.68	-63.21	4.38	-58.83	-13	-45.83
4	499.184	33.96	-56.98	2.12	-54.86	-13	-41.86
5	599.02	33.28	-68.84	1.41	-67.43	-13	-54.43
6	921.184	39.59	-59.56	0.19	-59.36	-13	-46.36

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	61.941	27.00	-55.82	-7.10	-62.93	-13	-49.93
2	174.397	34.87	-66.54	-1.53	-68.07	-13	-55.07
3	301.546	35.95	-59.88	3.70	-56.18	-13	-43.18
4	448.87	27.97	-61.62	2.25	-59.37	-13	-46.37
5	598.75	34.63	-67.50	1.41	-66.08	-13	-53.08
6	920.784	41.30	-57.86	0.19	-57.67	-13	-44.67
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	48.108	35.09	-42.73	-10.48	-53.21	-13	-40.21
2	164.154	32.22	-55.00	-2.41	-57.41	-13	-44.41
3	299.426	34.80	-63.09	4.38	-58.71	-13	-45.71
4	498.964	34.81	-56.12	2.12	-54.00	-13	-41.00
5	599.87	33.93	-68.18	1.41	-66.77	-13	-53.77
6	920.664	40.13	-59.04	0.19	-58.84	-13	-45.84

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2350	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	62.221	25.91	-57.02	-7.04	-64.05	-13	-51.05
2	174.907	33.85	-67.67	-1.53	-69.20	-13	-56.20
3	302.286	34.76	-61.09	3.70	-57.39	-13	-44.39
4	449.07	26.69	-62.90	2.25	-60.65	-13	-47.65
5	598.7	33.18	-68.95	1.41	-67.53	-13	-54.53
6	920.204	41.21	-57.97	0.19	-57.78	-13	-44.78

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	47.408	34.05	-43.51	-10.65	-54.16	-13	-41.16
2	164.364	31.58	-55.63	-2.42	-58.05	-13	-45.05
3	298.776	34.48	-63.42	4.39	-59.04	-13	-46.04
4	498.764	33.46	-57.47	2.13	-55.34	-13	-42.34
5	600.3	32.54	-69.57	1.41	-68.16	-13	-55.16
6	921.334	39.21	-59.93	0.19	-59.74	-13	-46.74

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Below 1GHz

Channel Bandwidth: 15MHz

Mode	TX channel 2025	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	60.181	26.92	-55.27	-7.53	-62.80	-13	-49.80
2	173.937	34.70	-66.61	-1.53	-68.13	-13	-55.13
3	299.676	34.68	-61.09	3.72	-57.38	-13	-44.38
4	450.28	27.40	-62.23	2.25	-59.98	-13	-46.98
5	597.85	34.05	-68.09	1.42	-66.67	-13	-53.67
6	921.834	41.75	-57.38	0.20	-57.18	-13	-44.18

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	48.738	33.91	-44.13	-10.33	-54.46	-13	-41.46
2	164.104	31.89	-55.33	-2.41	-57.74	-13	-44.74
3	299.686	32.76	-65.13	4.38	-60.75	-13	-47.75
4	498.974	34.58	-56.35	2.12	-54.23	-13	-41.23
5	599.76	33.81	-68.30	1.41	-66.89	-13	-53.89
6	920.924	39.28	-59.88	0.19	-59.68	-13	-46.68

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	61.131	27.20	-55.33	-7.30	-62.63	-13	-49.63
2	173.457	35.10	-66.11	-1.52	-67.63	-13	-54.63
3	300.506	35.68	-60.12	3.71	-56.41	-13	-43.41
4	449.53	27.89	-61.72	2.25	-59.47	-13	-46.47
5	598.48	34.36	-67.77	1.42	-66.35	-13	-53.35
6	921.814	42.83	-56.30	0.20	-56.10	-13	-43.10

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	48.898	35.08	-43.02	-10.29	-53.31	-13	-40.31
2	164.304	32.24	-54.97	-2.41	-57.39	-13	-44.39
3	300.036	33.79	-64.10	4.38	-59.72	-13	-46.72
4	499.184	34.82	-56.12	2.12	-54.00	-13	-41.00
5	600.35	34.04	-68.07	1.41	-66.66	-13	-53.66
6	921.624	39.32	-59.81	0.20	-59.62	-13	-46.62

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2325	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	61.061	26.27	-56.24	-7.32	-63.56	-13	-50.56
2	174.197	33.75	-67.62	-1.53	-69.14	-13	-56.14
3	301.476	34.65	-61.18	3.70	-57.47	-13	-44.47
4	449.83	27.85	-61.76	2.25	-59.52	-13	-46.52
5	598.48	32.86	-69.27	1.42	-67.85	-13	-54.85
6	922.664	42.42	-56.68	0.20	-56.48	-13	-43.48

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.628	34.90	-43.47	-10.11	-53.58	-13	-40.58
2	164.744	32.13	-55.06	-2.43	-57.49	-13	-44.49
3	299.426	33.72	-64.17	4.38	-59.79	-13	-46.79
4	498.594	34.60	-56.32	2.13	-54.20	-13	-41.20
5	600.52	32.79	-69.32	1.41	-67.91	-13	-54.91
6	921.044	38.34	-60.81	0.19	-60.62	-13	-47.62

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Below 1GHz

Channel Bandwidth: 20MHz

Mode	TX channel 2050	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	61.631	27.84	-54.87	-7.18	-62.05	-13	-49.05
2	173.177	32.81	-68.33	-1.52	-69.86	-13	-56.86
3	300.796	33.95	-61.86	3.71	-58.15	-13	-45.15
4	450.07	26.67	-62.95	2.25	-60.70	-13	-47.70
5	598.27	33.01	-69.12	1.42	-67.70	-13	-54.70
6	920.914	40.73	-58.43	0.19	-58.23	-13	-45.23

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	47.008	34.20	-43.22	-10.75	-53.97	-13	-40.97
2	165.524	30.82	-56.33	-2.45	-58.78	-13	-45.78
3	299.836	33.90	-63.99	4.38	-59.61	-13	-46.61
4	499.644	33.40	-57.55	2.12	-55.43	-13	-42.43
5	599.94	33.55	-68.56	1.41	-67.15	-13	-54.15
6	921.814	40.49	-58.64	0.20	-58.44	-13	-45.44

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	61.971	28.04	-54.80	-7.10	-61.89	-13	-48.89
2	173.967	34.30	-67.02	-1.53	-68.54	-13	-55.54
3	301.366	34.20	-61.62	3.70	-57.92	-13	-44.92
4	449.11	27.53	-62.06	2.25	-59.81	-13	-46.81
5	598.35	33.23	-68.90	1.42	-67.48	-13	-54.48
6	921.144	41.98	-57.17	0.19	-56.98	-13	-43.98

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	47.468	35.26	-42.32	-10.64	-52.96	-13	-39.96
2	164.544	32.15	-55.05	-2.42	-57.47	-13	-44.47
3	300.106	34.29	-63.60	4.38	-59.22	-13	-46.22
4	500.094	33.72	-57.24	2.12	-55.12	-13	-42.12
5	599.56	34.94	-67.18	1.41	-65.76	-13	-52.76
6	922.464	40.86	-58.24	0.20	-58.04	-13	-45.04

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 2300	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	62.501	26.90	-56.13	-6.97	-63.10	-13	-50.10
2	173.017	33.16	-67.95	-1.52	-69.47	-13	-56.47
3	300.966	33.29	-62.52	3.71	-58.82	-13	-45.82
4	448.72	26.84	-62.74	2.25	-60.49	-13	-47.49
5	597.71	32.52	-69.62	1.42	-68.20	-13	-55.20
6	920.154	41.41	-57.77	0.19	-57.58	-13	-44.58

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dBuV/m)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	47.748	34.90	-42.79	-10.57	-53.35	-13	-40.35
2	164.584	30.97	-56.23	-2.42	-58.65	-13	-45.65
3	300.286	33.93	-63.95	4.38	-59.58	-13	-46.58
4	500.654	33.68	-57.30	2.12	-55.18	-13	-42.18
5	598.61	34.33	-67.80	1.42	-66.38	-13	-53.38
6	923.364	40.29	-58.78	0.20	-58.58	-13	-45.58

**Remarks:**

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

## 5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).



## Appendix – Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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