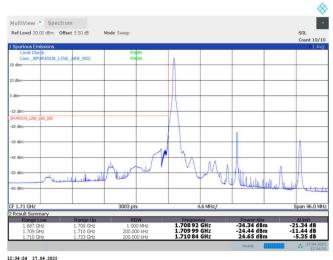


Report No.: SEWA2309000114RG01

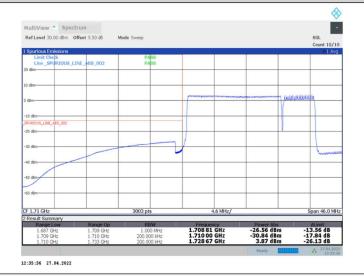
Rev.: 01

Page: 60 of 77

# 66-66-15MHz-5MHz-QPSK-QPSK-132047-132140-1RB#0-0RB#0



#### 66-66-15MHz-5MHz-QPSK-QPSK-132047-132140-75RB#0-25RB#0







Report No.: SEWA2309000114RG01

Rev.:

Page: 61 of 77



12:38:53 27.04.2022

#### 66-66-15MHz-5MHz-QPSK-QPSK-132549-132642-75RB#0-25RB#0





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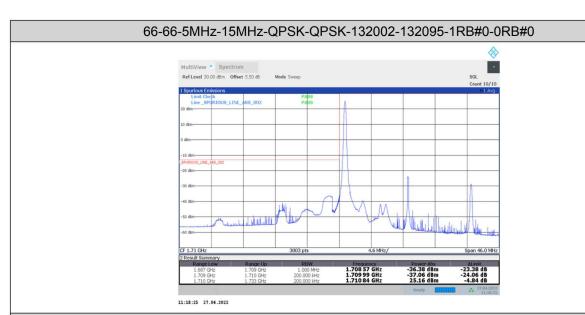
t (86-512) 62992980



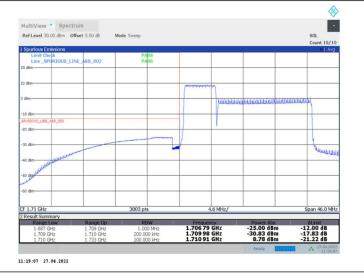
Report No.: SEWA2309000114RG01

Rev.:

Page: 62 of 77



#### 66-66-5MHz-15MHz-QPSK-QPSK-132002-132095-25RB#0-75RB#0



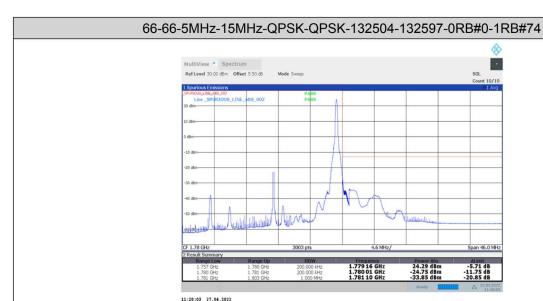




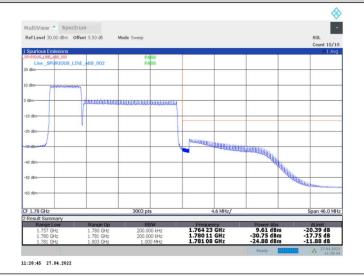
Report No.: SEWA2309000114RG01

Rev.:

Page: 63 of 77



#### 66-66-5MHz-15MHz-QPSK-QPSK-132504-132597-25RB#0-75RB#0





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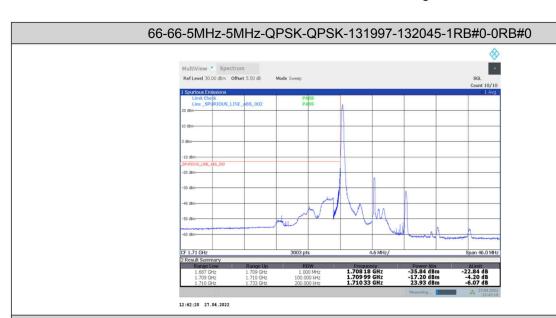
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Report No.: SEWA2309000114RG01

Rev.:

Page: 64 of 77



#### 66-66-5MHz-5MHz-QPSK-QPSK-131997-132045-25RB#0-25RB#0







Report No.: SEWA2309000114RG01

Rev.:

Page: 65 of 77



#### 66-66-5MHz-5MHz-QPSK-QPSK-132599-132647-25RB#0-25RB#0



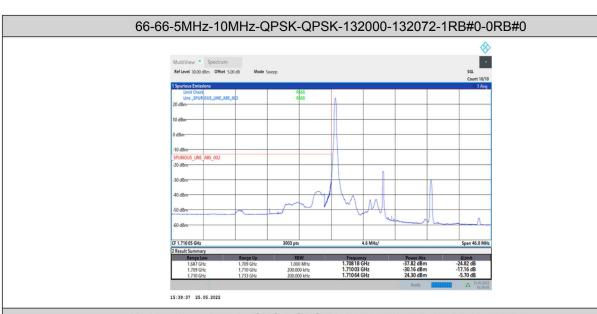




Report No.: SEWA2309000114RG01

Rev.:

Page: 66 of 77



#### 66-66-5MHz-10MHz-QPSK-QPSK-132000-132072-25RB#0-50RB#0





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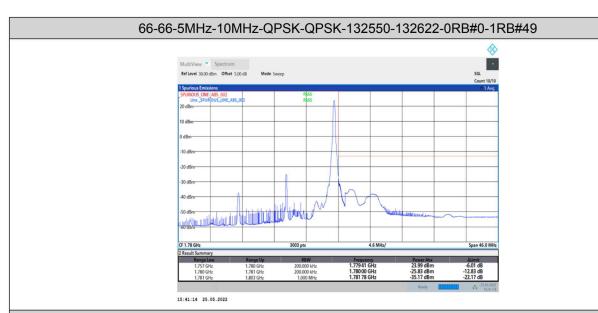
t (86-512) 62992980



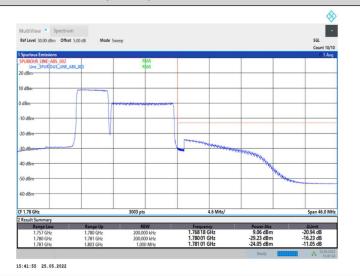
Report No.: SEWA2309000114RG01

Rev.: 01

Page: 67 of 77



#### 66-66-5MHz-10MHz-QPSK-QPSK-132550-132622-25RB#0-50RB#0







Report No.: SEWA2309000114RG01

Rev.: 01

Page: 68 of 77

#### **Conducted Spurious Emission**

#### **Test Graphs**





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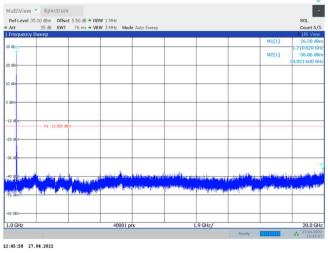


Report No.: SEWA2309000114RG01

Rev.: 01

Page: 69 of 77

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Report No.: SEWA2309000114RG01

Rev.:

Page: 70 of 77





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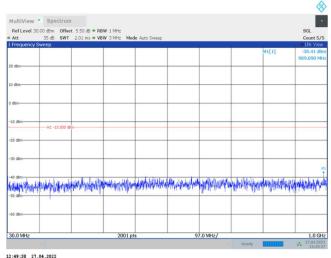


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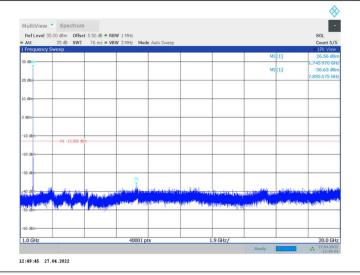
Rev.: 01

Page: 71 of 77

### 66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-1RB#0-0RB#0-30~1000MHz



#### 66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-1RB#0-0RB#0-1000~20000MHz





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Report No.: SEWA2309000114RG01

Rev.:

Page: 72 of 77





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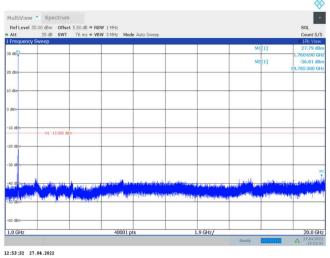


Report No.: SEWA2309000114RG01

Rev.: 01

Page: 73 of 77

# 66-66-10MHz-10MHz-QPSK-QPSK-132523-132622-1RB#0-0RB#0-30~1000MHz | Hill | Mark | State | Stat





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Report No.: SEWA2309000114RG01

Rev.: 01

Page: 74 of 77

#### **Field Strength of Spurious Radiation**

Test Band = UL CA Band 66B\_ TM1
Test Channel = Low Channel

Final Data List											
NO	Frequency	Reading	Factor	V [[4] [] (==]	Level	Limit	Margin	Height	Angle	Polarity	
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]		
1	3404.1800	42.19	-46.28	29.43	-69.92	-13.00	56.92	228	87	Horizontal	
2	5106.2700	40.06	-45.36	32.94	-67.63	-13.00	54.63	142	73	Horizontal	
3	6808.3600	39.82	-44.16	35.85	-63.75	-13.00	50.75	136	360	Horizontal	
4	8510.4500	36.59	-41.59	37.56	-62.70	-13.00	49.70	299	360	Horizontal	
5	10212.5400	33.44	-39.45	38.81	-62.45	-13.00	49.45	250	4	Horizontal	
6	11914.6300	29.62	-37.18	38.88	-63.94	-13.00	50.94	143	360	Horizontal	

Final Data List										
NO.	Frequency	Reading	Factor	Λ Γ[dD/ma]	Level	Limit	Margin	Height	Angle	Doloritu
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3404.1800	40.96	-46.28	29.43	-71.15	-13.00	58.15	254	59	Vertical
2	5106.2700	39.92	-45.36	32.94	-67.77	-13.00	54.77	136	344	Vertical
3	6808.3600	40.51	-44.16	35.85	-63.06	-13.00	50.06	259	254	Vertical
4	8510.4500	36.89	-41.59	37.56	-62.40	-13.00	49.40	185	360	Vertical
5	10212.5400	32.99	-39.45	38.81	-62.90	-13.00	49.90	140	59	Vertical
6	11914.6300	29.85	-37.18	38.88	-63.71	-13.00	50.71	129	118	Vertical





Report No.: SEWA2309000114RG01

Rev.:

75 of 77 Page:

#### Test Band = UL CA Band 66B\_ TM1 **Test Channel = Mid Channel**

Final Data List											
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Height	Angle	Polarity	
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]		
1	3472.3800	44.35	-46.27	29.50	-67.68	-13.00	54.68	174	342	Horizontal	
2	5208.5700	41.49	-45.26	32.98	-66.05	-13.00	53.05	158	329	Horizontal	
3	6944.7600	38.77	-43.85	36.01	-64.33	-13.00	51.33	196	25	Horizontal	
4	8680.9500	36.80	-41.62	37.88	-62.20	-13.00	49.20	142	233	Horizontal	
5	10417.1400	33.07	-38.97	38.88	-62.29	-13.00	49.29	236	216	Horizontal	
6	12153.3300	31.21	-37.42	39.09	-62.38	-13.00	49.38	251	46	Horizontal	

Final	Final Data List											
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Delovity		
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity		
1	3472.3800	42.46	-46.27	29.50	-69.57	-13.00	56.57	159	13	Vertical		
2	5208.5700	43.31	-45.26	32.98	-64.23	-13.00	51.23	182	58	Vertical		
3	6944.7600	40.21	-43.85	36.01	-62.89	-13.00	49.89	193	103	Vertical		
4	8680.9500	37.78	-41.62	37.88	-61.22	-13.00	48.22	171	29	Vertical		
5	10417.1400	32.65	-38.97	38.88	-62.71	-13.00	49.71	142	13	Vertical		
6	12153.3300	30.97	-37.42	39.09	-62.62	-13.00	49.62	160	238	Vertical		





Report No.: SEWA2309000114RG01

Rev.: 01

Page: 76 of 77

# Test Band = UL CA Band 66B\_ TM1 Test Channel = High Channel

Final Data List											
NO	Frequency	Reading	Factor	VEIGD/mJ	Level	Limit	Margin	Height	Angle	Polarity	
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]		
1	3482.5800	42.13	-46.26	29.50	-69.89	-13.00	56.89	222	360	Horizontal	
2	5223.8700	40.25	-45.23	32.97	-67.28	-13.00	54.28	301	43	Horizontal	
3	6965.1600	39.34	-43.74	36.04	-63.62	-13.00	50.62	154	103	Horizontal	
4	8706.4500	36.81	-41.66	37.93	-62.18	-13.00	49.18	183	178	Horizontal	
5	10447.7400	32.94	-38.91	38.91	-62.32	-13.00	49.32	251	360	Horizontal	
6	12189.0300	30.39	-37.47	39.12	-63.22	-13.00	50.22	199	269	Horizontal	

Final Data List											
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Height	Angle	Dolority	
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity	
1	3482.5800	42.30	-46.26	29.50	-69.72	-13.00	56.72	204	74	Vertical	
2	5223.8700	40.63	-45.23	32.97	-66.90	-13.00	53.90	187	238	Vertical	
3	6965.1600	39.61	-43.74	36.04	-63.35	-13.00	50.35	198	252	Vertical	
4	8706.4500	38.12	-41.66	37.93	-60.87	-13.00	47.87	145	209	Vertical	
5	10447.7400	32.75	-38.91	38.91	-62.51	-13.00	49.51	156	351	Vertical	
6	12189.0300	31.26	-37.47	39.12	-62.35	-13.00	49.35	135	351	Vertical	

#### Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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