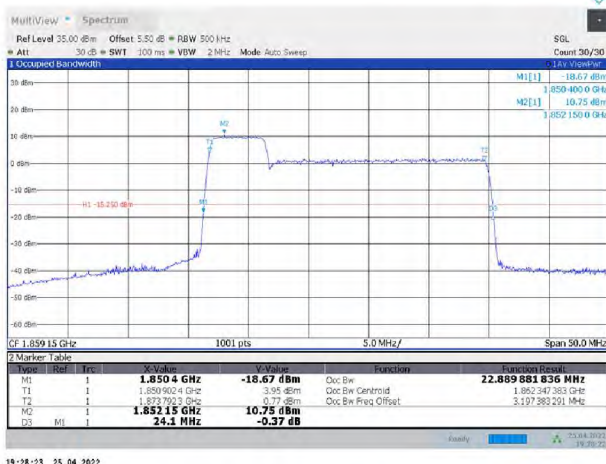
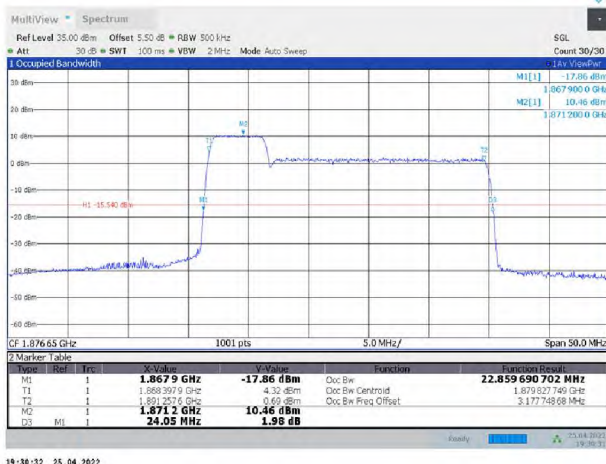


Report No.: SEWA2204000008RG01
Rev.: 01
Page: 81 of 114

2-2-5MHz-20MHz-64QAM-64QAM-18633-18750-25RB#0-100RB#0



2-2-5MHz-20MHz-64QAM-64QAM-18808-18925-25RB#0-100RB#0



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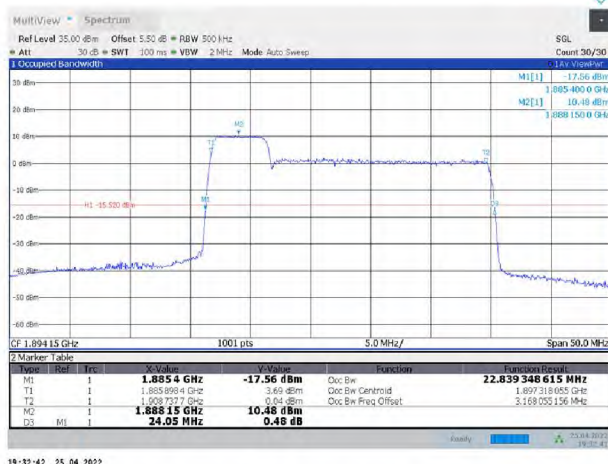
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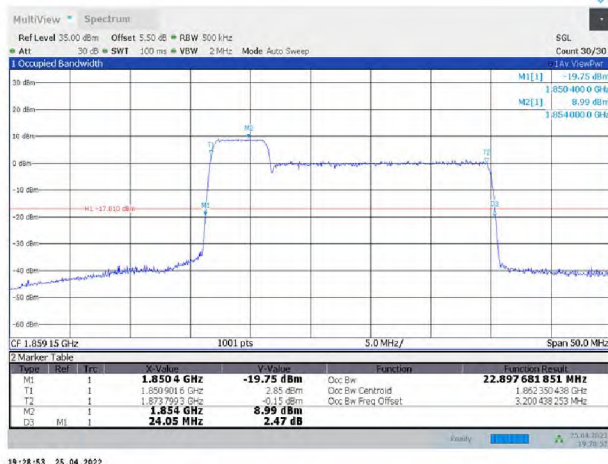
Rev.: 01

Page: 82 of 114

2-2-5MHz-20MHz-64QAM-64QAM-18983-19100-25RB#0-100RB#0



2-2-5MHz-20MHz-256QAM-256QAM-18633-18750-25RB#0-100RB#0



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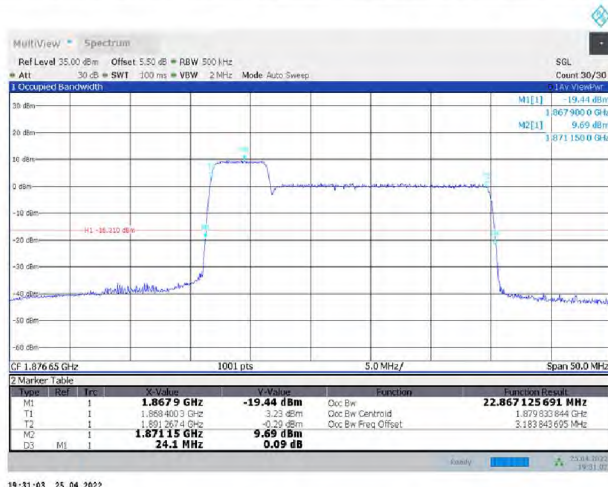
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Report No.: SEWA2204000008RG01

Rev.: 01

Page: 83 of 114

2-2-5MHz-20MHz-256QAM-256QAM-18808-18925-25RB#0-100RB#0



2-2-5MHz-20MHz-256QAM-256QAM-18983-19100-25RB#0-100RB#0



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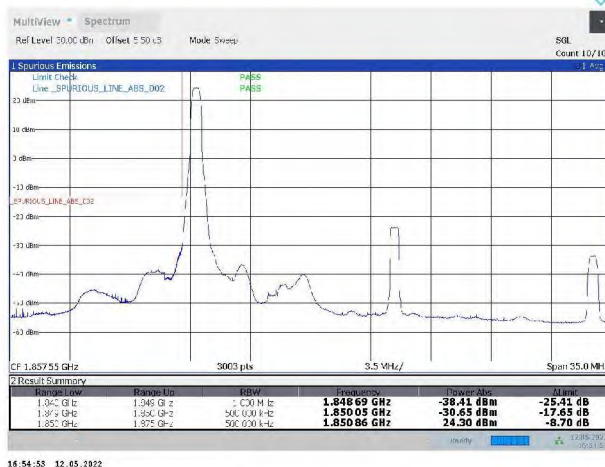
Rev.: 01

Page: 84 of 114

Band Edge

Test Graphs

2-2-10MHz-15MHz-QPSK-QPSK-18653-18773-1RB#0-0RB#0



2-2-10MHz-15MHz-QPSK-QPSK-18653-18773-50RB#0-75RB#0

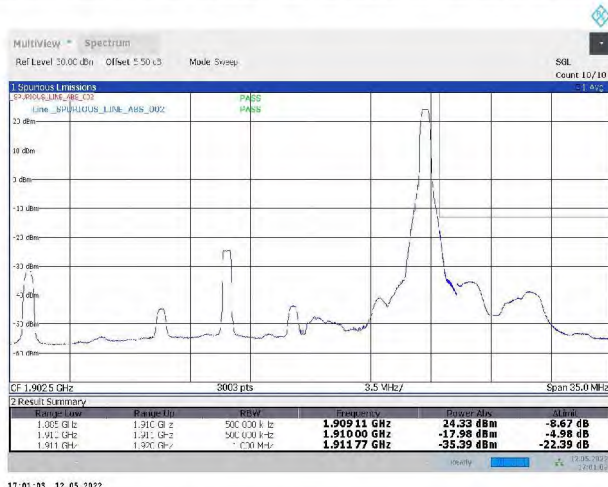


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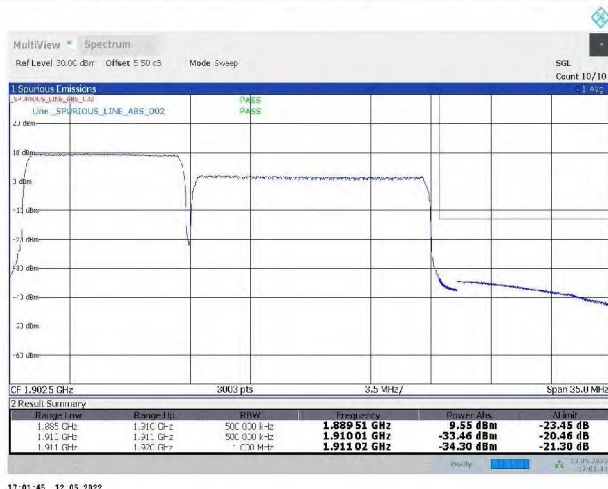
Rev.: 01

Page: 85 of 114

2-2-10MHz-15MHz-QPSK-QPSK-19005-19125-0RB#0-1RB#74



2-2-10MHz-15MHz-QPSK-QPSK-19005-19125-50RB#0-75RB#0



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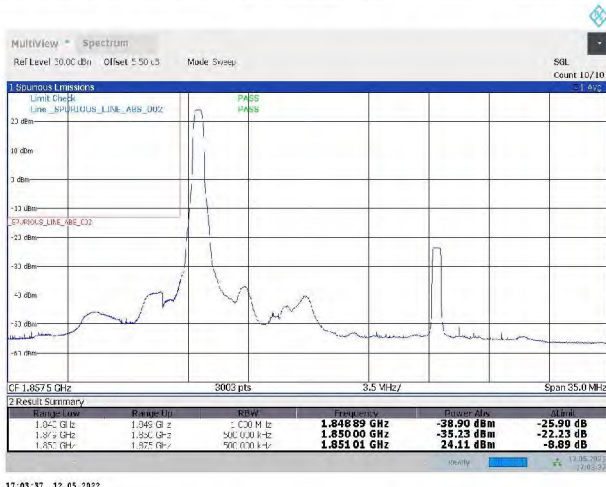
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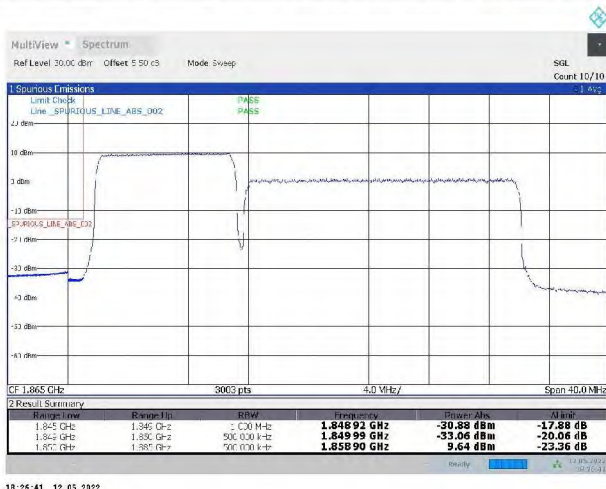
Rev.: 01

Page: 86 of 114

2-2-10MHz-20MHz-QPSK-QPSK-18655-18799-1RB#0-0RB#0



2-2-10MHz-20MHz-QPSK-QPSK-18655-18799-50RB#0-100RB#0



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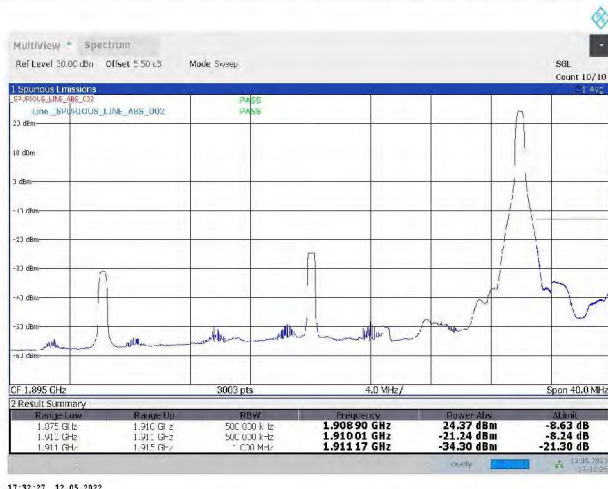
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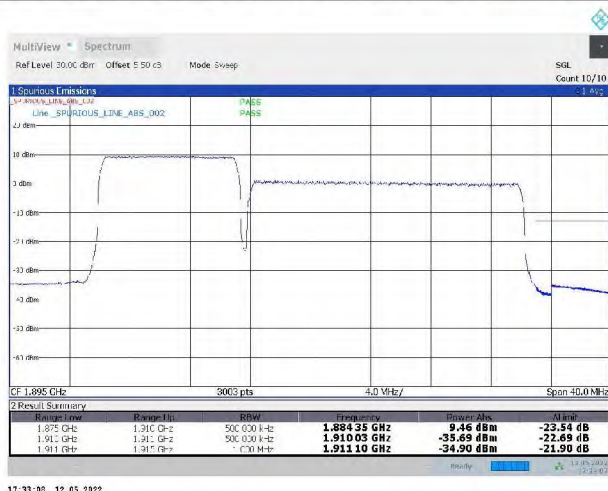
Rev.: 01

Page: 87 of 114

2-2-10MHz-20MHz-QPSK-QPSK-18956-19100-0RB#0-1RB#99



2-2-10MHz-20MHz-QPSK-QPSK-18956-19100-50RB#0-100RB#0



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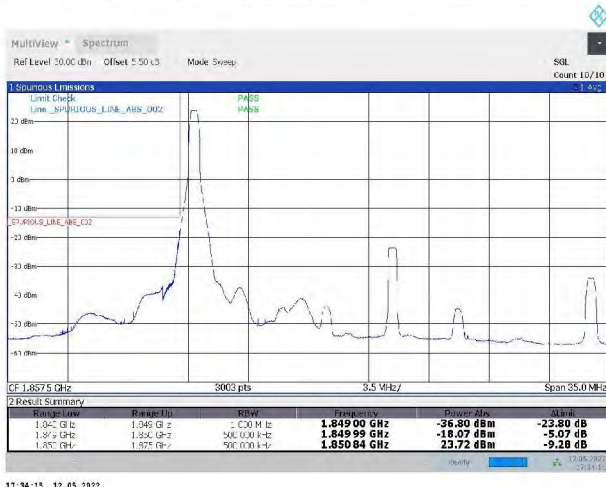
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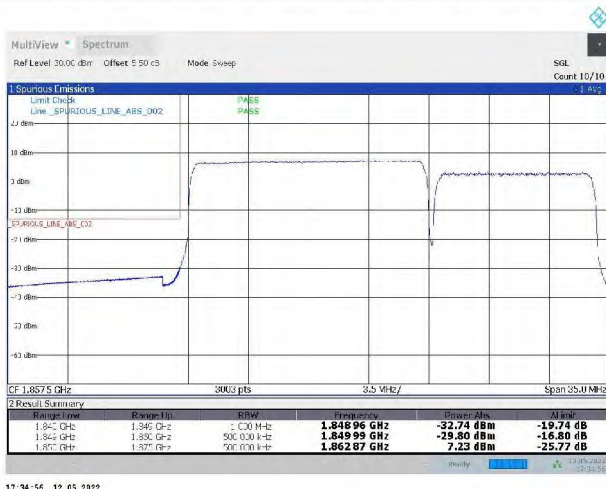
Rev.: 01

Page: 88 of 114

2-2-15MHz-10MHz-QPSK-QPSK-18675-18795-1RB#0-0RB#0



2-2-15MHz-10MHz-QPSK-QPSK-18675-18795-75RB#0-50RB#0



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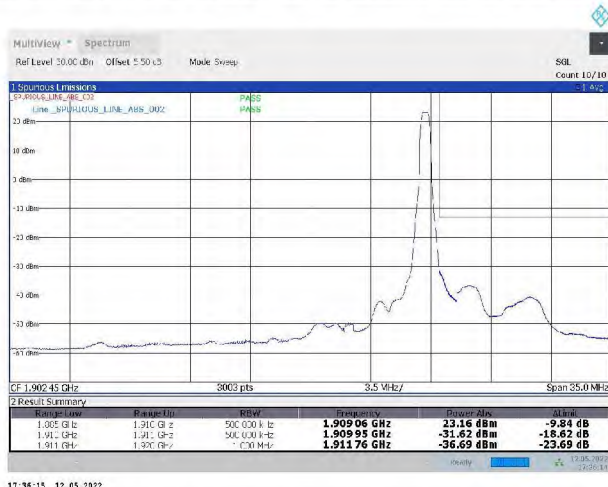
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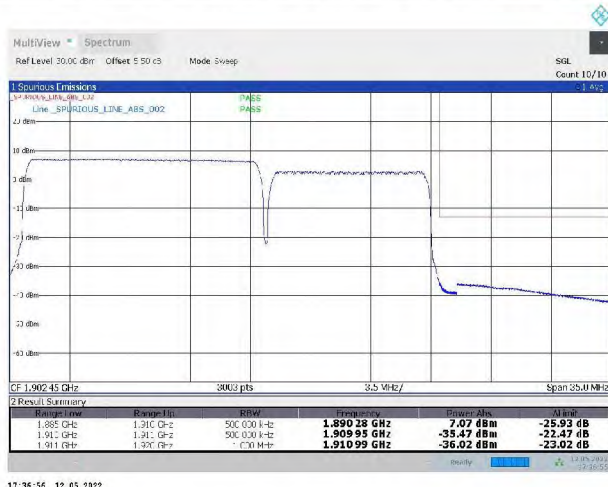
Rev.: 01

Page: 89 of 114

2-2-15MHz-10MHz-QPSK-QPSK-19027-19147-0RB#0-1RB#49



2-2-15MHz-10MHz-QPSK-QPSK-19027-19147-75RB#0-50RB#0



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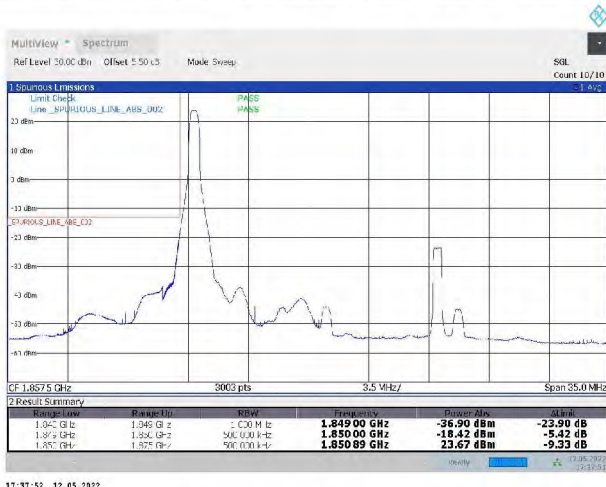
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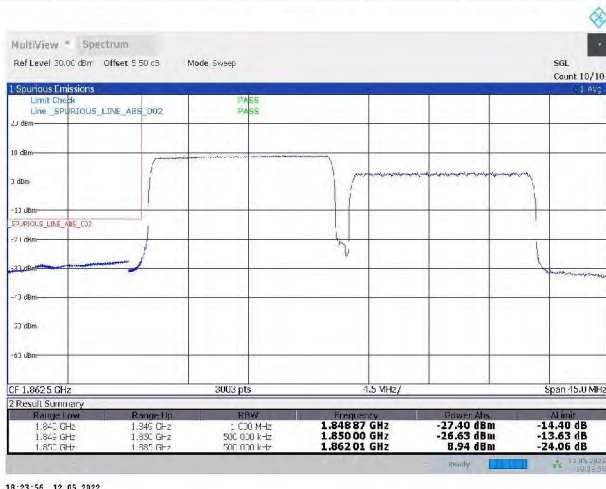
Rev.: 01

Page: 90 of 114

2-2-15MHz-15MHz-QPSK-QPSK-18675-18825-1RB#0-0RB#0



2-2-15MHz-15MHz-QPSK-QPSK-18675-18825-75RB#0-75RB#0



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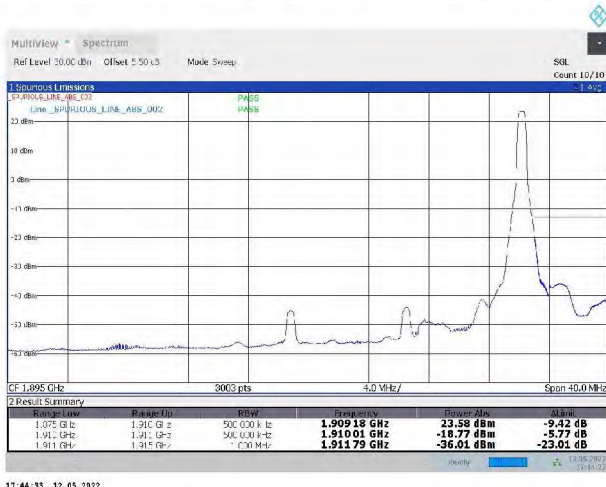
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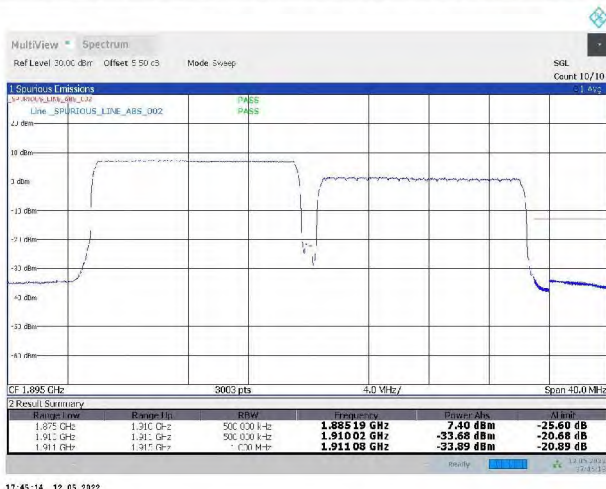
Rev.: 01

Page: 91 of 114

2-2-15MHz-15MHz-QPSK-QPSK-18975-19125-0RB#0-1RB#74



2-2-15MHz-15MHz-QPSK-QPSK-18975-19125-75RB#0-75RB#0



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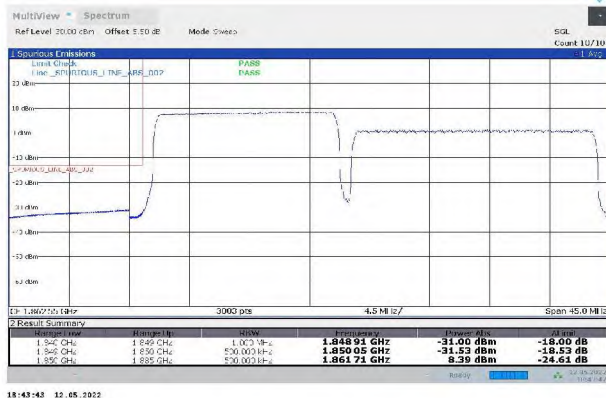
Rev.: 01

Page: 92 of 114

2-2-15MHz-20MHz-QPSK-QPSK-18678-18849-1RB#0-0RB#0



2-2-15MHz-20MHz-QPSK-QPSK-18678-18849-75RB#0-100RB#0



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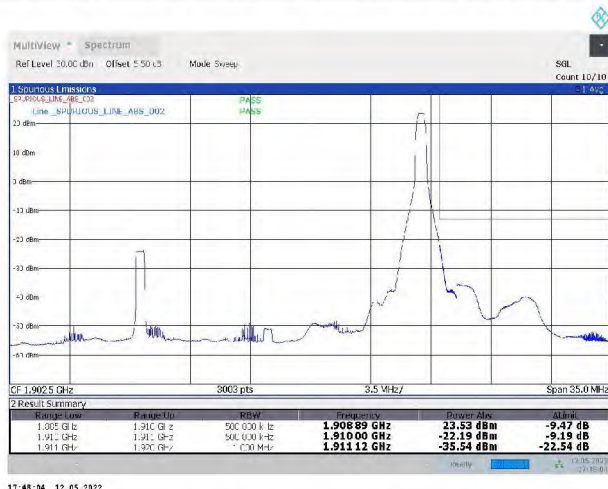
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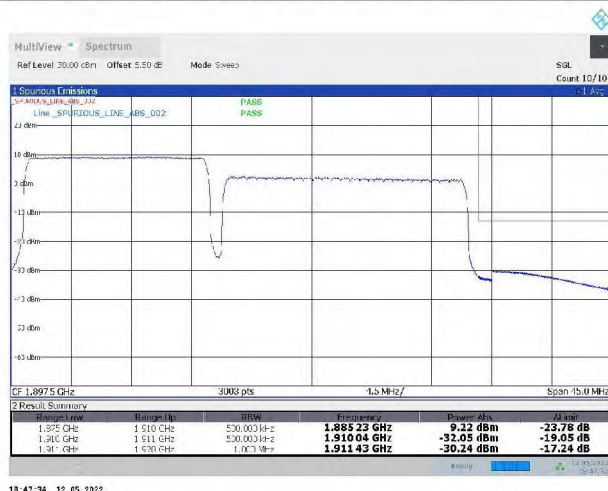
Rev.: 01

Page: 93 of 114

2-2-15MHz-20MHz-QPSK-QPSK-18929-19100-0RB#0-1RB#99



2-2-15MHz-20MHz-QPSK-QPSK-18929-19100-75RB#0-100RB#0



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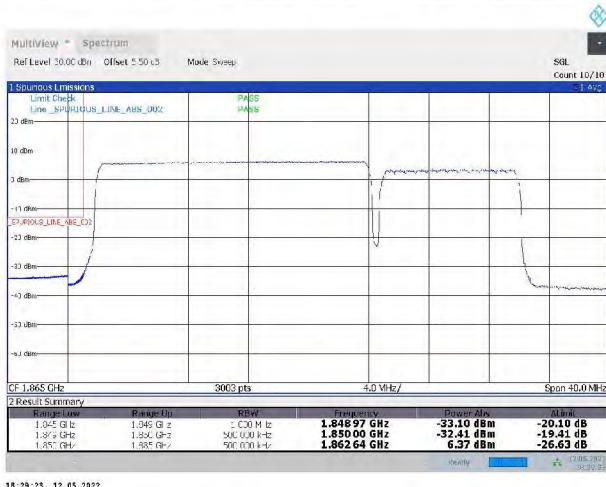
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Report No.: SEWA2204000008RG01

Rev.: 01

Page: 94 of 114

2-2-20MHz-10MHz-QPSK-QPSK-18700-18844-100RB#0-50RB#0



2-2-20MHz-10MHz-QPSK-QPSK-18700-18844-1RB#0-0RB#0



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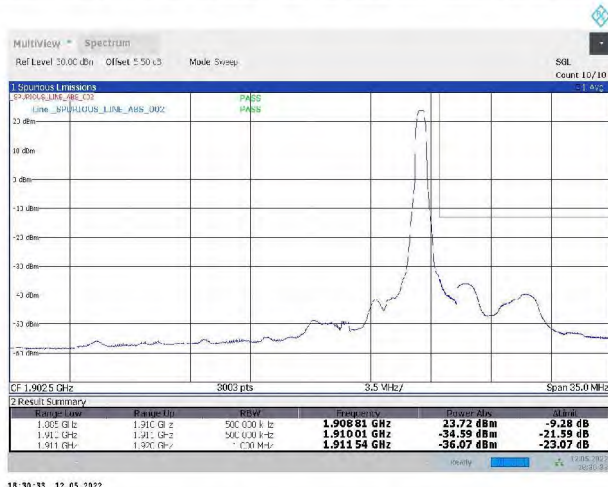
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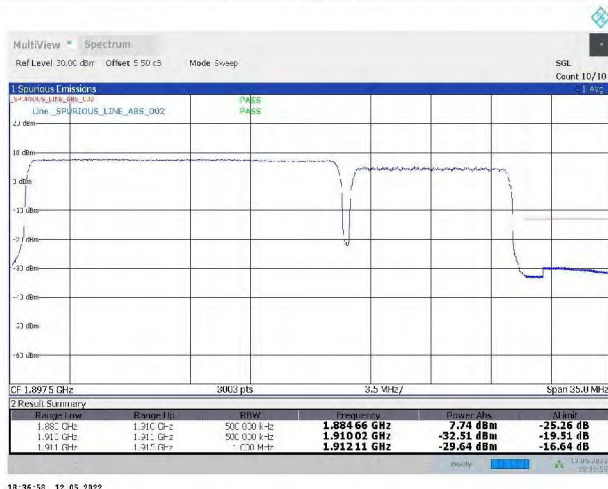
Rev.: 01

Page: 95 of 114

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2-2-20MHz-10MHz-QPSK-QPSK-19001-19145-100RB#0-50RB#0



Report No.: SEWA2204000008RG01

Rev.: 01

Page: 96 of 114

2-2-20MHz-15MHz-QPSK-QPSK-18700-18871-1RB#0-0RB#0



2-2-20MHz-15MHz-QPSK-QPSK-18700-18871-100RB#0-75RB#0



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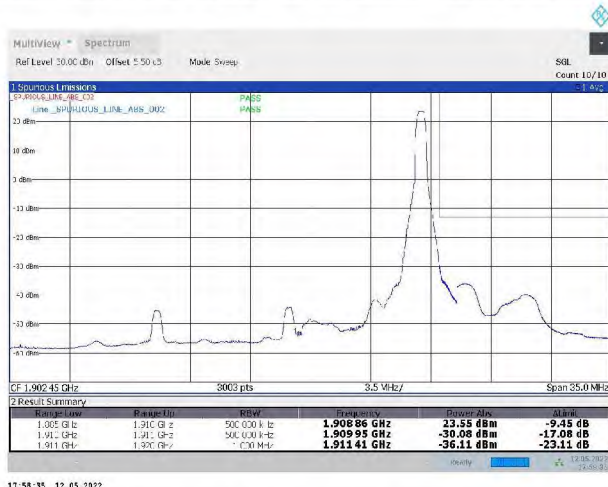
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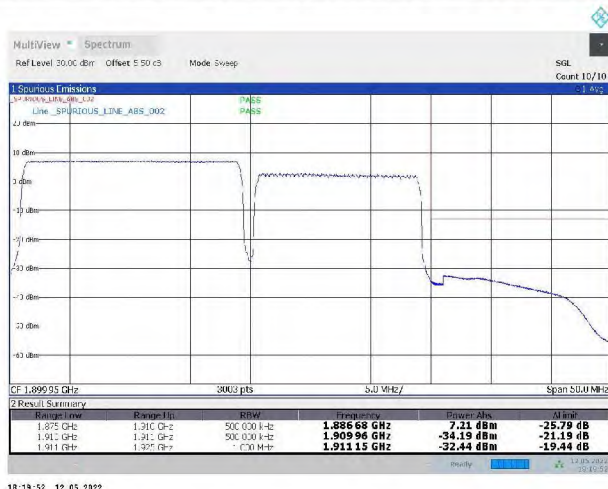
Rev.: 01

Page: 97 of 114

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2-2-20MHz-15MHz-QPSK-QPSK-18951-19122-100RB#0-75RB#0



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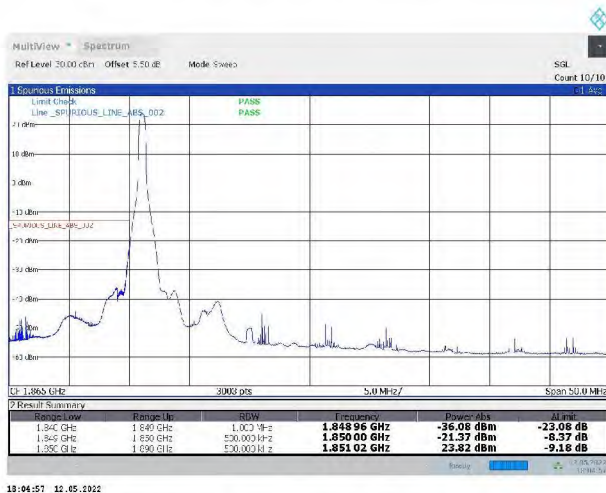
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Report No.: SEWA2204000008RG01

Rev.: 01

Page: 98 of 114

2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0



2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-100RB#0-100RB#0



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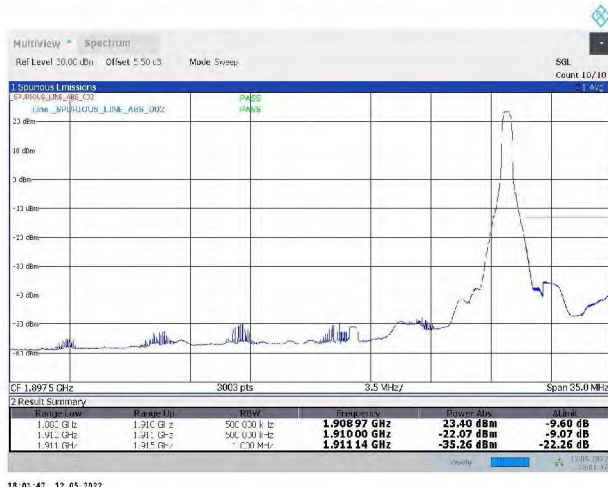
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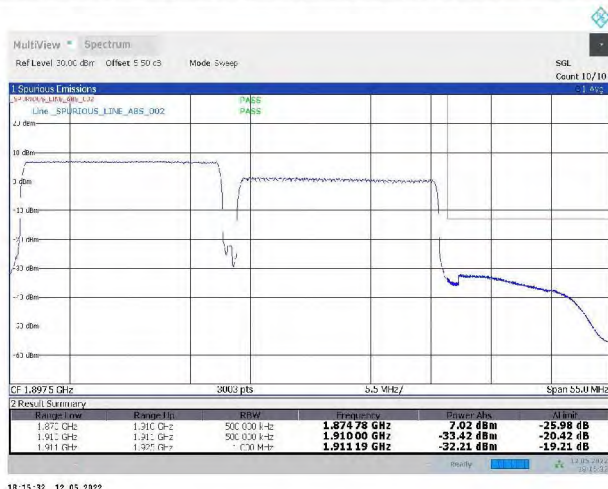
Rev.: 01

Page: 99 of 114

2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-0RB#0-1RB#99



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-100RB#0-100RB#0



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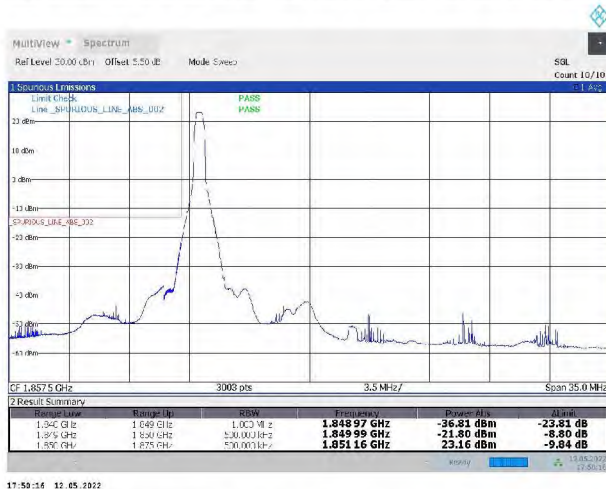
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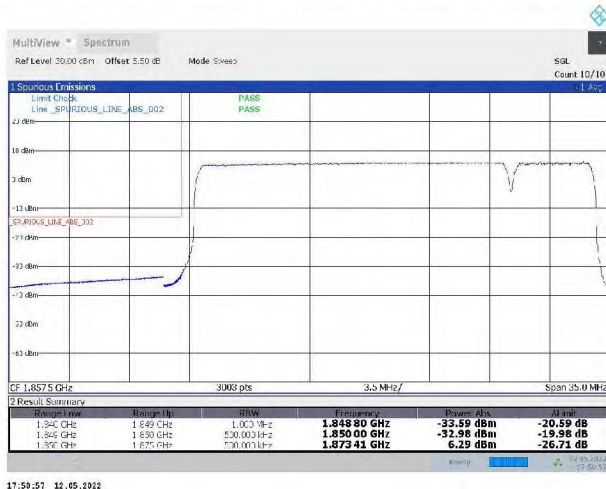
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Page: 100 of 114

2-2-20MHz-5MHz-QPSK-QPSK-18700-18817-1RB#0-0RB#0



2-2-20MHz-5MHz-QPSK-QPSK-18700-18817-100RB#0-25RB#0



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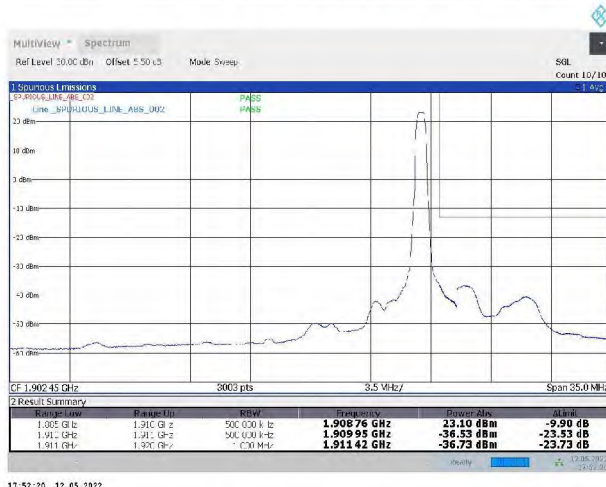
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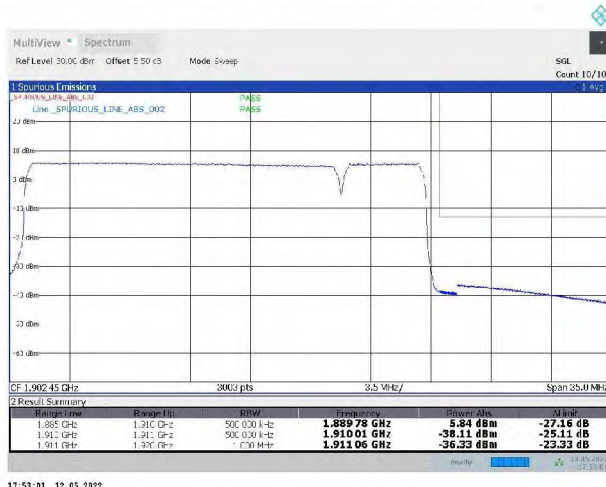
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2-2-20MHz-5MHz-QPSK-QPSK-19050-19167-0RB#0-1RB#24



2-2-20MHz-5MHz-QPSK-QPSK-19050-19167-100RB#0-25RB#0



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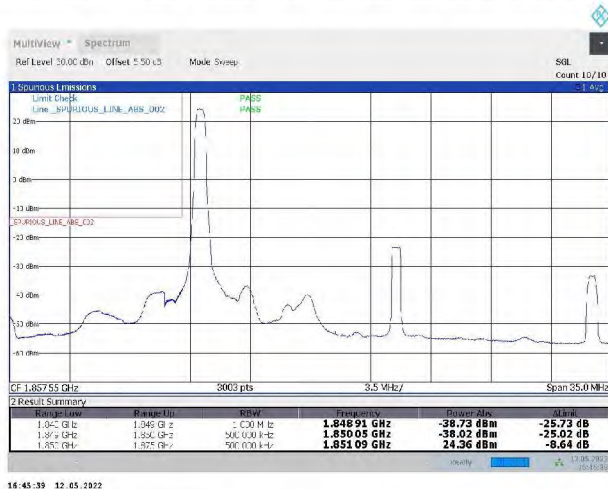
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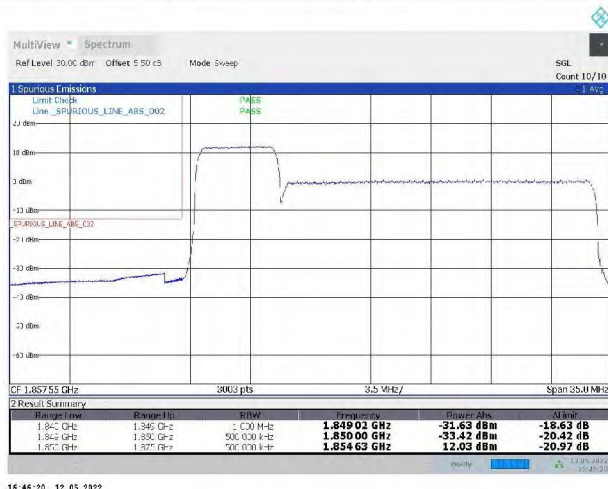
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2-2-5MHz-20MHz-QPSK-QPSK-18633-18750-1RB#0-0RB#0



2-2-5MHz-20MHz-QPSK-QPSK-18633-18750-25RB#0-100RB#0



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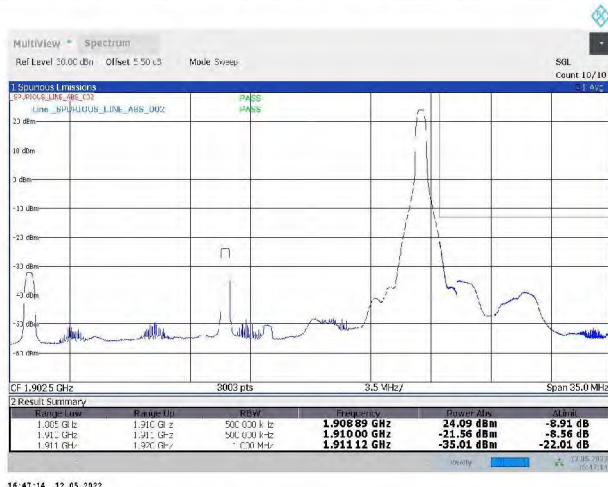
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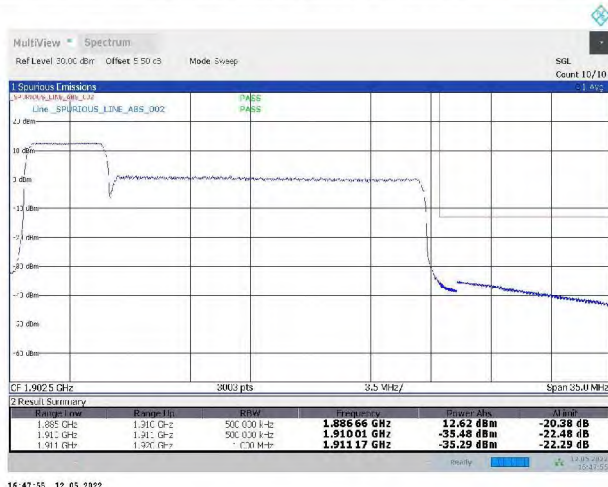
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2-2-5MHz-20MHz-QPSK-QPSK-18983-19100-0RB#0-1RB#99



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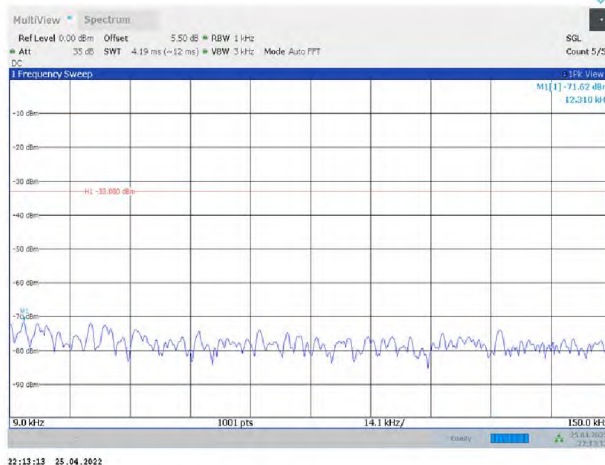
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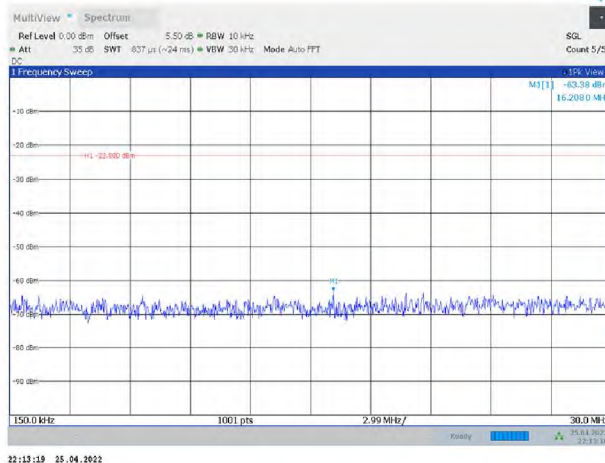
Conducted Spurious Emission

Test Graphs

2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-0.009~0.15MHz



2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-0.15~30MHz



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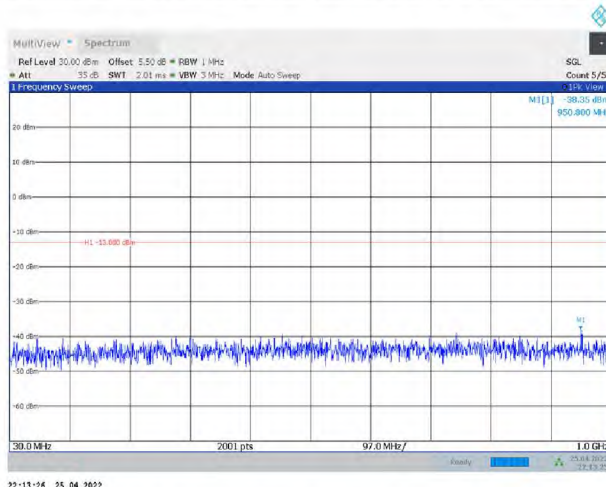
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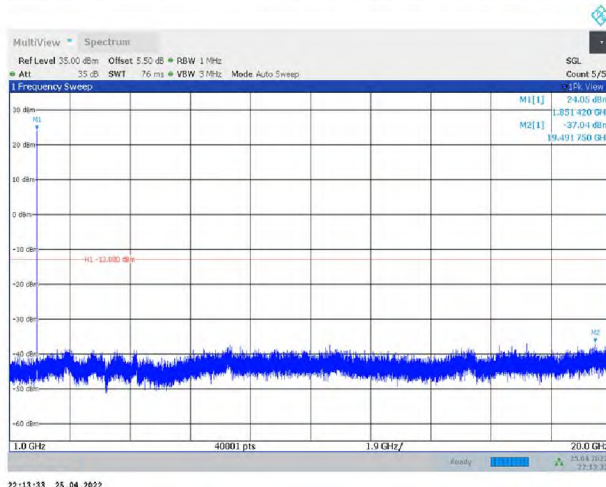
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Page: 105 of 114

2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-30~1000MHz



2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-1000~20000MHz



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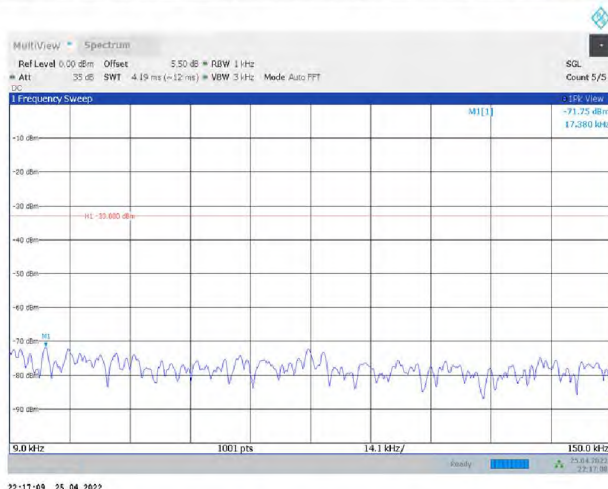
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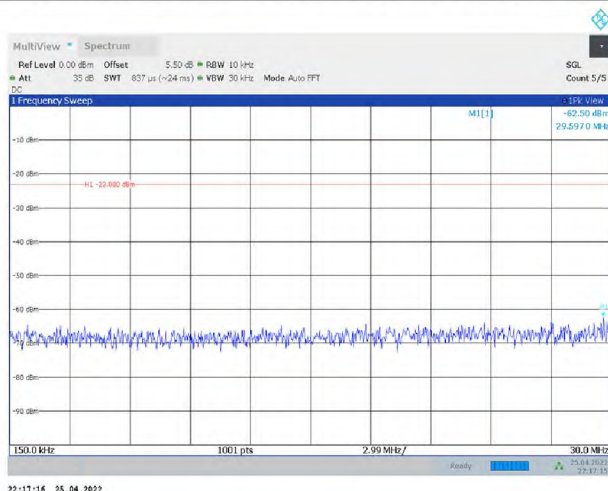
Rev.: 01

Page: 106 of 114

2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-0.009~0.15MHz



2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-0.15~30MHz



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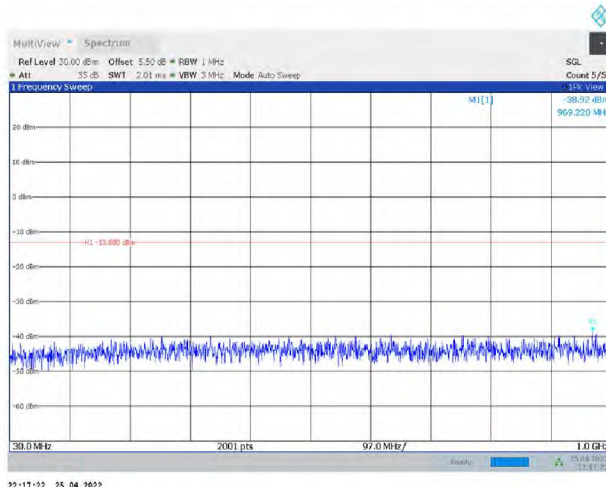
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Report No.: SEWA2204000008RG01

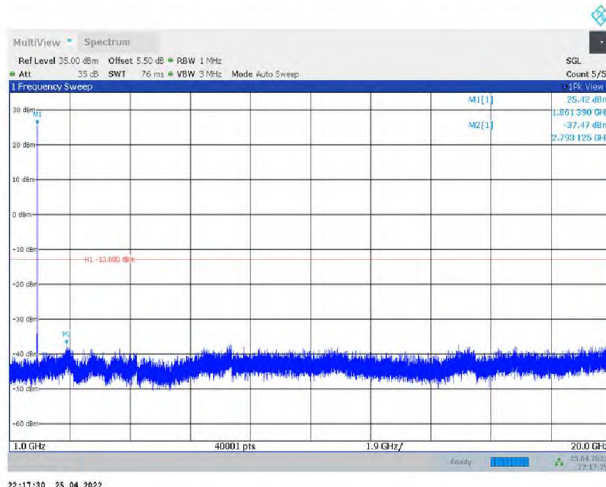
Rev.: 01

Page: 107 of 114

2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-30~1000MHz



2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-1000~20000MHz



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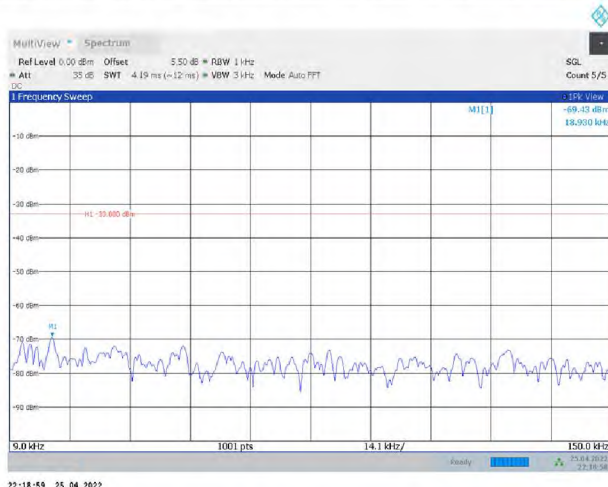
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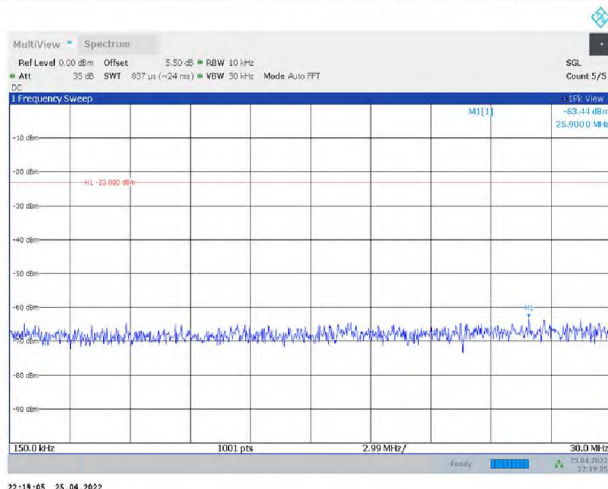
Rev.: 01

Page: 108 of 114

2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-0.009~0.15MHz



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-0.15~30MHz



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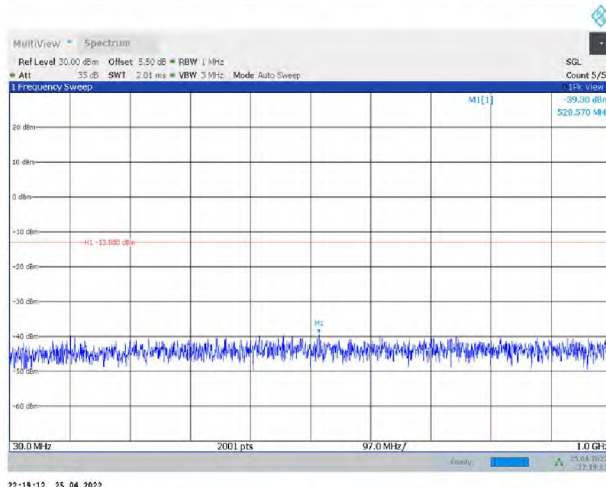
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Report No.: SEWA2204000008RG01

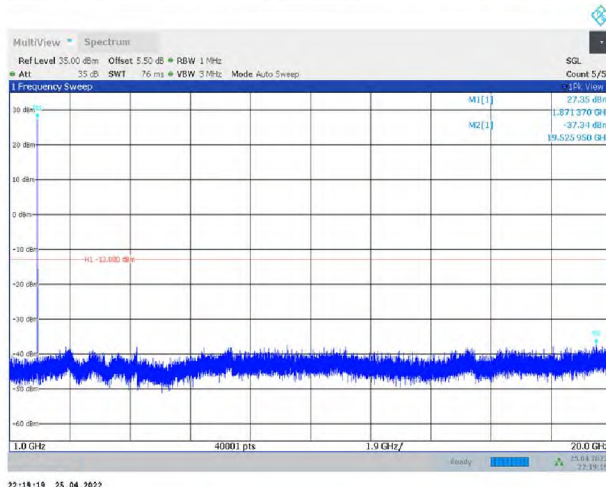
Rev.: 01

Page: 109 of 114

2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-30~1000MHz



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-1000~20000MHz



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Report No.: SEWA2204000008RG01
 Rev.: 01
 Page: 110 of 114

Field Strength of Spurious Radiation

Test Band = UL CA Band 2C_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	53.56	-111.07	-57.51	-13.00	44.51	252	198	Horizontal
2	5553.27	49.30	-106.36	-57.06	-13.00	44.06	262	296	Horizontal
3	7404.36	48.37	-100.78	-52.41	-13.00	39.41	241	164	Horizontal
4	9255.45	46.52	-95.08	-48.56	-13.00	35.56	175	116	Horizontal
5	11106.54	41.54	-91.12	-49.58	-13.00	36.58	263	149	Horizontal
6	12957.63	42.78	-90.60	-47.82	-13.00	34.82	251	245	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	54.37	-111.07	-56.70	-13.00	43.70	263	180	Vertical
2	5553.27	49.79	-106.36	-56.57	-13.00	43.57	241	245	Vertical
3	7404.36	49.81	-100.78	-50.97	-13.00	37.97	175	359	Vertical
4	9255.45	47.04	-95.08	-48.04	-13.00	35.04	262	351	Vertical
5	11106.54	42.29	-91.12	-48.83	-13.00	35.83	241	245	Vertical
6	12957.63	42.09	-90.60	-48.51	-13.00	35.51	188	100	Vertical



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Report No.: SEWA2204000008RG01
 Rev.: 01
 Page: 111 of 114

Test Band = UL CA Band 2C_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3722.18	53.46	-110.97	-57.51	-13.00	44.51	263	196	Horizontal
2	5583.27	50.20	-106.26	-56.06	-13.00	43.06	251	246	Horizontal
3	7444.76	46.66	-100.60	-53.94	-13.00	40.94	174	343	Horizontal
4	9305.95	47.88	-95.07	-47.19	-13.00	34.19	262	265	Horizontal
5	11167.14	43.64	-90.92	-47.28	-13.00	34.28	284	212	Horizontal
6	13028.33	42.89	-90.43	-47.54	-13.00	34.54	177	312	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3722.18	56.39	-110.97	-54.58	-13.00	41.58	263	192	Vertical
2	5583.27	49.63	-106.26	-56.63	-13.00	43.63	251	3	Vertical
3	7444.76	51.00	-100.60	-49.60	-13.00	36.60	174	64	Vertical
4	9305.95	46.85	-95.07	-48.22	-13.00	35.22	262	240	Vertical
5	11167.14	43.53	-90.92	-47.39	-13.00	34.39	284	257	Vertical
6	13028.33	43.43	-90.43	-47.00	-13.00	34.00	188	112	Vertical



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Report No.: SEWA2204000008RG01

Rev.: 01

Page: 112 of 114

Test Band = UL CA Band 2C_ TM1
Test Channel = High Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.5	55.96	-110.86	-54.90	-13.00	41.90	263	198	Horizontal
2	5613.87	49.69	-106.14	-56.45	-13.00	43.45	251	198	Horizontal
3	7485.16	48.17	-100.42	-52.25	-13.00	39.25	174	98	Horizontal
4	9356.45	46.96	-94.95	-47.99	-13.00	34.99	162	47	Horizontal
5	11227.74	43.04	-90.96	-47.92	-13.00	34.92	284	181	Horizontal
6	13099.03	42.74	-90.06	-47.32	-13.00	34.32	166	81	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.5	58.08	-110.86	-52.78	-13.00	39.78	263	196	Vertical
2	5613.87	49.79	-106.14	-56.35	-13.00	43.35	251	227	Vertical
3	7485.16	50.52	-100.42	-49.90	-13.00	36.90	174	179	Vertical
4	9356.45	46.52	-94.95	-48.43	-13.00	35.43	186	49	Vertical
5	11227.74	43.05	-90.96	-47.91	-13.00	34.91	264	351	Vertical
6	13099.03	41.73	-90.06	-48.33	-13.00	35.33	152	243	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VH	NT	54.20	0.028982	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VL	NT	46.10	0.024651	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VN	NT	42.50	0.022726	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	50	19.20	0.010267	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	40	20.60	0.011015	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	30	43.00	0.022993	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	20	26.70	0.014277	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	10	29.60	0.015828	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	0	30.40	0.016256	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-10	46.30	0.024758	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-20	34.00	0.018181	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-30	41.80	0.022352	PASS





Report No.: SEWA2204000008RG01

Rev.: 01

Page: 114 of 114

The End



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