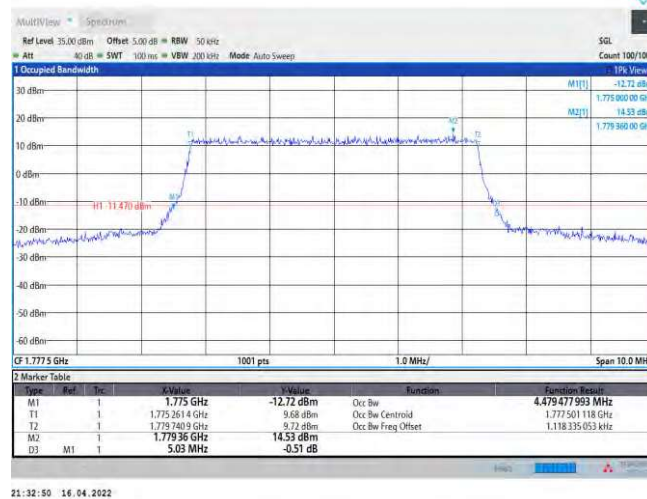


Report No.: SEWA2304000052RG01

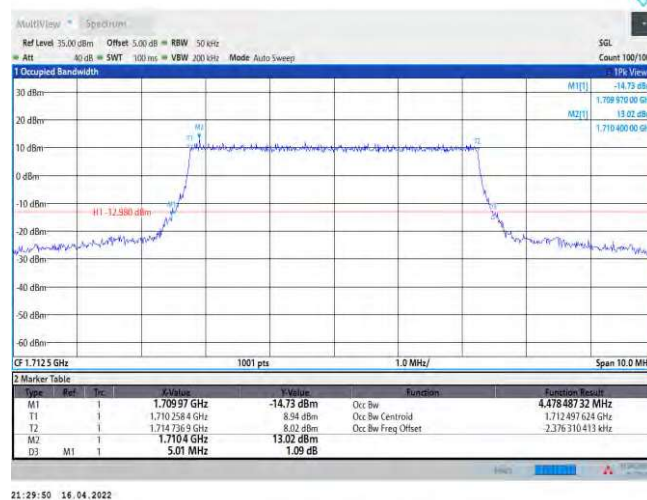
Rev.: 01

Page: 40 of 81

Band66-5MHz-64QAM-132647-25RB#0



Band66-5MHz-256QAM-131997-25RB#0

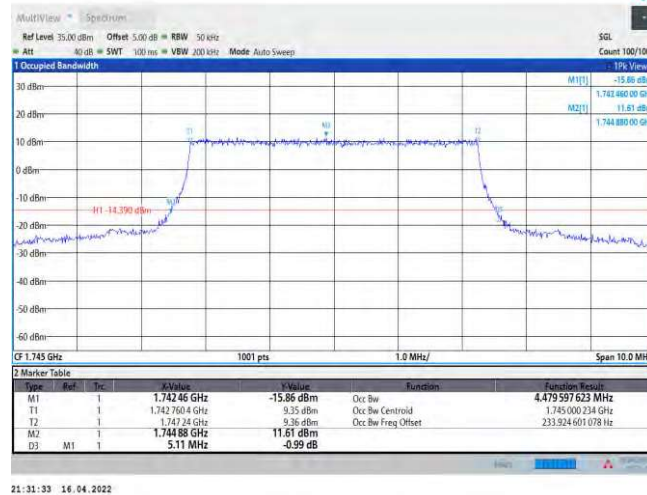


Report No.: SEWA2304000052RG01

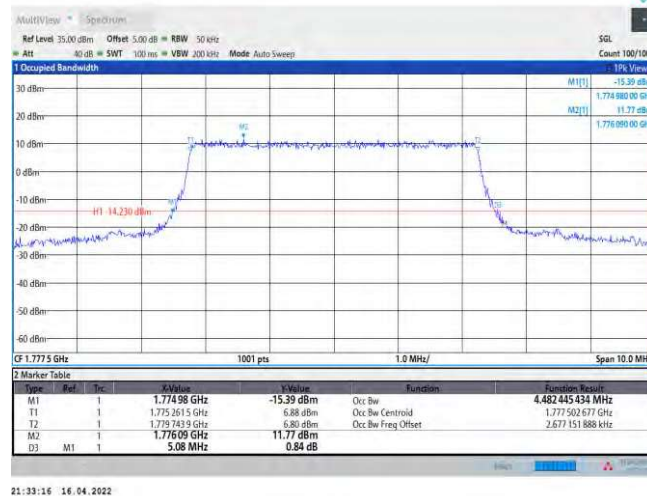
Rev.: 01

Page: 41 of 81

Band66-5MHz-256QAM-132322-25RB#0



Band66-5MHz-256QAM-132647-25RB#0

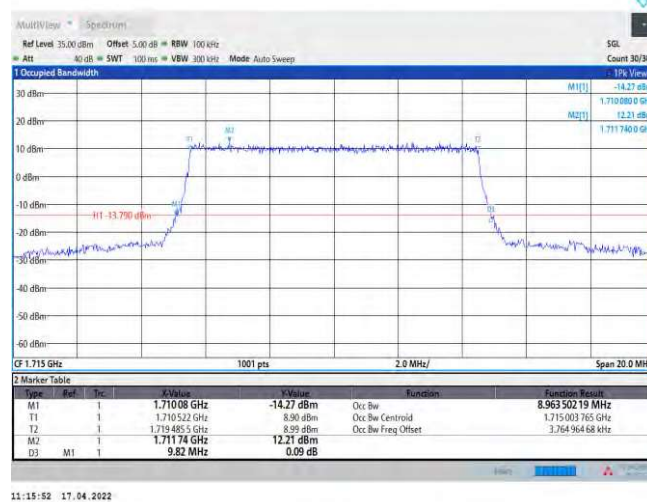


Report No.: SEWA2304000052RG01

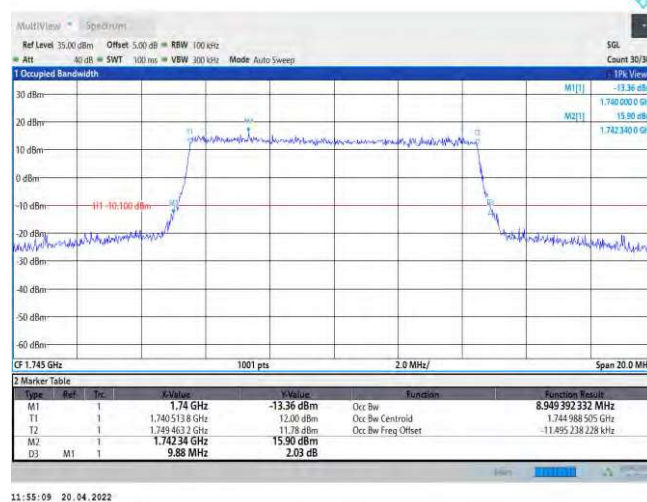
Rev.: 01

Page: 42 of 81

Band66-10MHz-QPSK-132022-50RB#0



Band66-10MHz-QPSK-132322-50RB#0

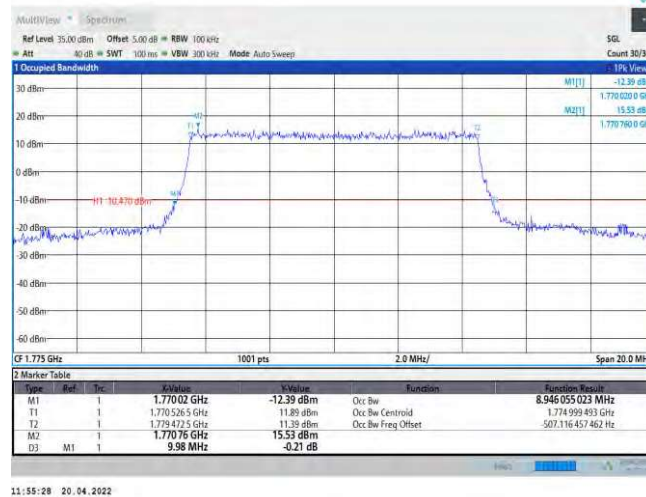


Report No.: SEWA2304000052RG01

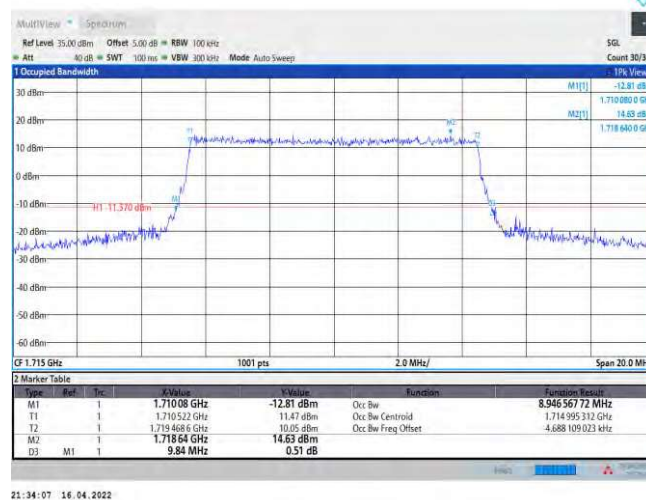
Rev.: 01

Page: 43 of 81

Band66-10MHz-QPSK-132622-50RB#0



Band66-10MHz-16QAM-132022-50RB#0

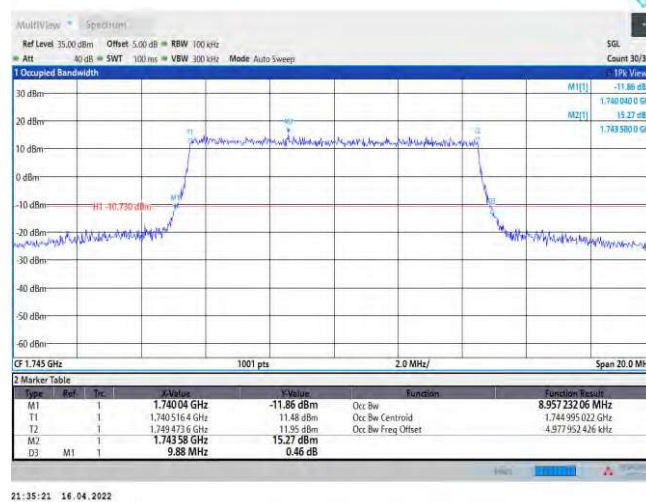


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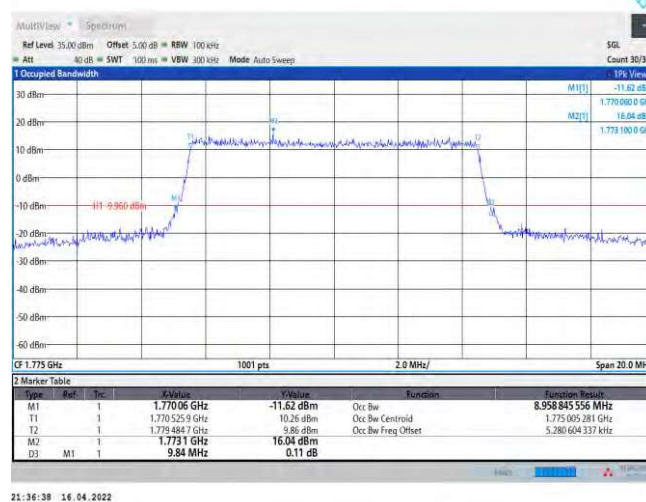
Rev.: 01

Page: 44 of 81

Band66-10MHz-16QAM-132322-50RB#0



Band66-10MHz-16QAM-132622-50RB#0

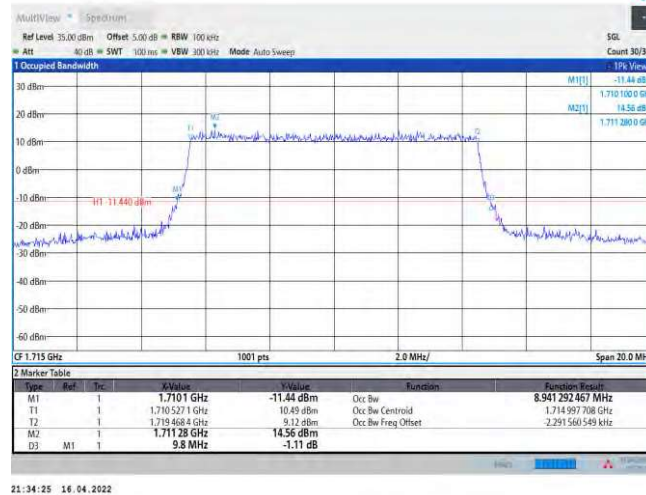


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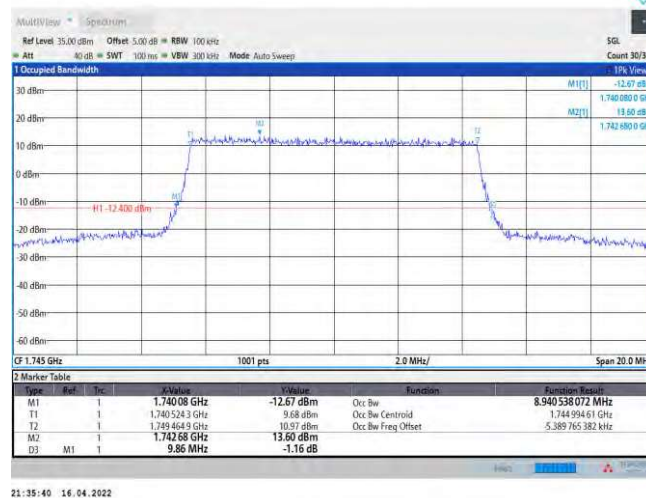
Rev.: 01

Page: 45 of 81

Band66-10MHz-64QAM-132022-50RB#0



Band66-10MHz-64QAM-132322-50RB#0

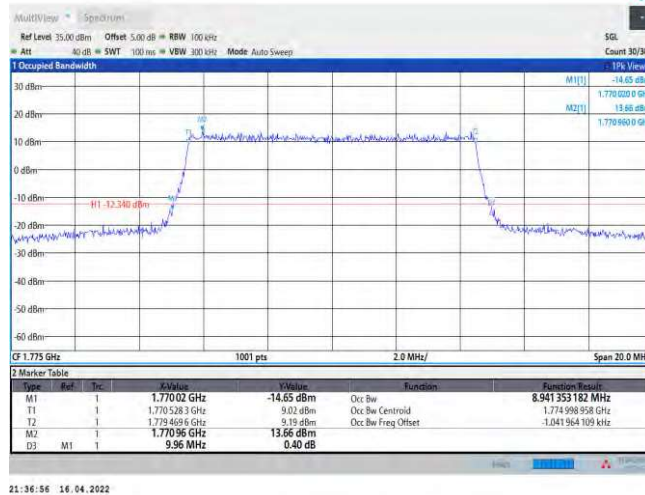


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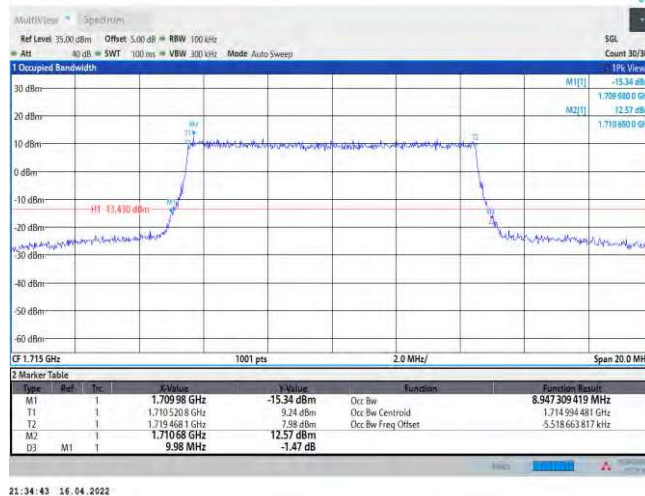
Rev.: 01

Page: 46 of 81

Band66-10MHz-64QAM-132622-50RB#0



Band66-10MHz-256QAM-132022-50RB#0

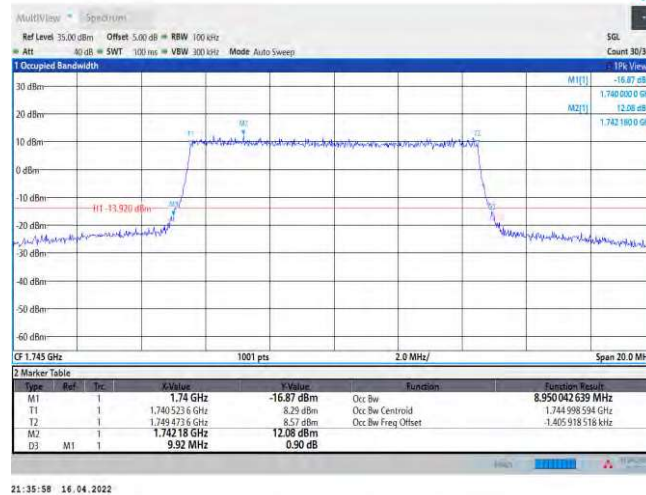


Report No.: SEWA2304000052RG01

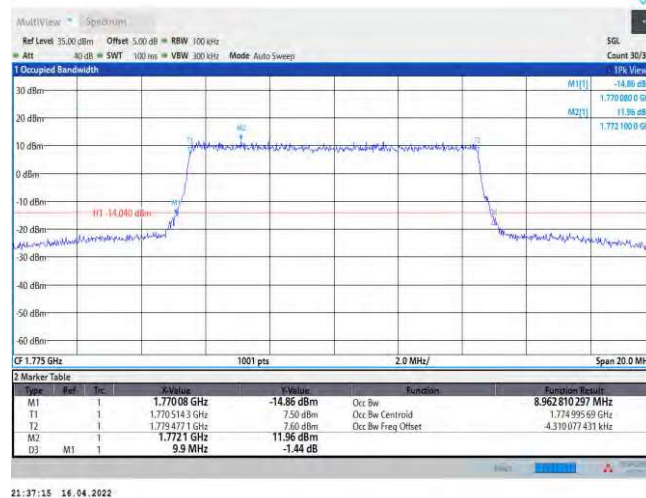
Rev.: 01

Page: 47 of 81

Band66-10MHz-256QAM-132322-50RB#0



Band66-10MHz-256QAM-132622-50RB#0

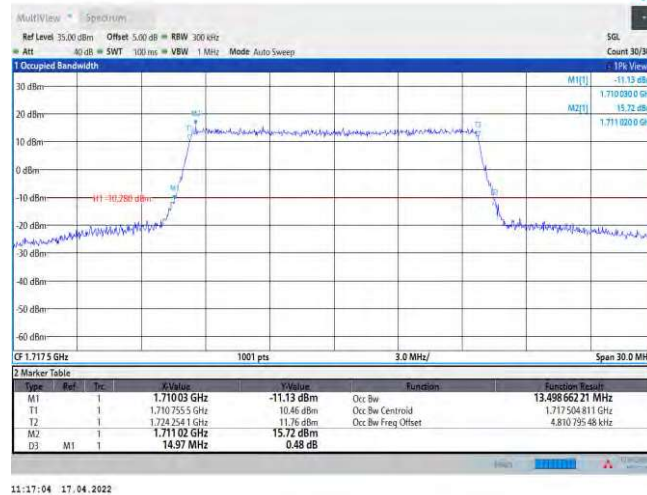


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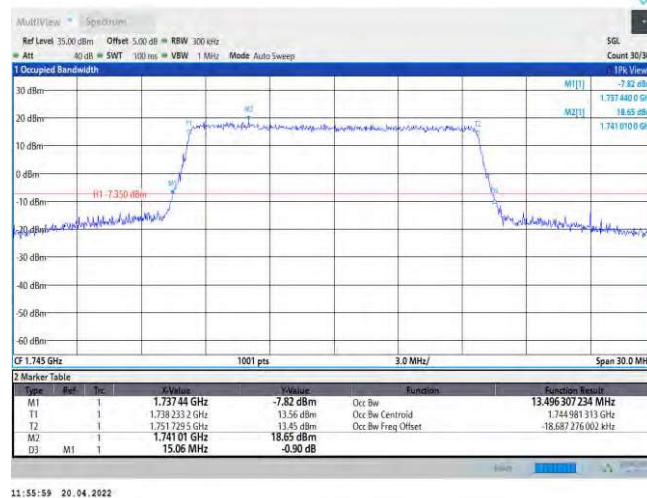
Rev.: 01

Page: 48 of 81

Band66-15MHz-QPSK-132047-75RB#0



Band66-15MHz-QPSK-132322-75RB#0

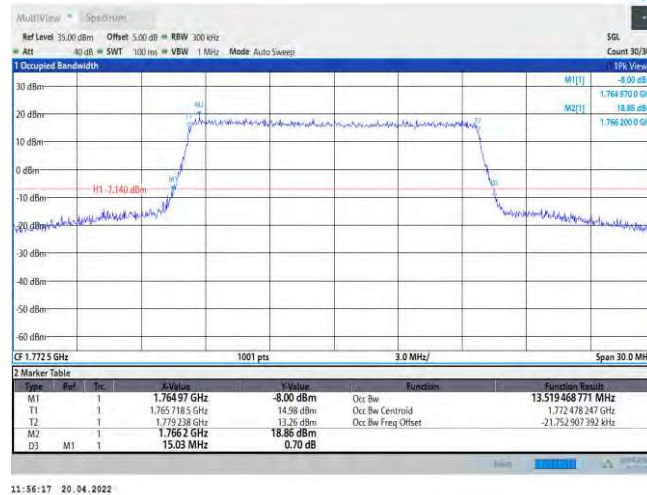


Report No.: SEWA2304000052RG01

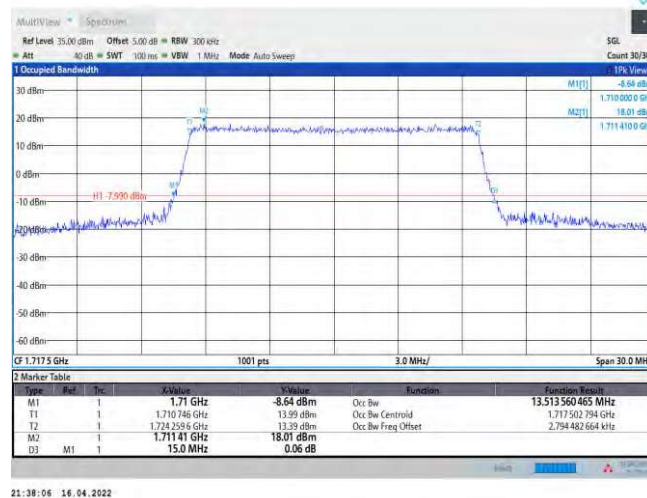
Rev.: 01

Page: 49 of 81

Band66-15MHz-QPSK-132597-75RB#0



Band66-15MHz-16QAM-132047-75RB#0

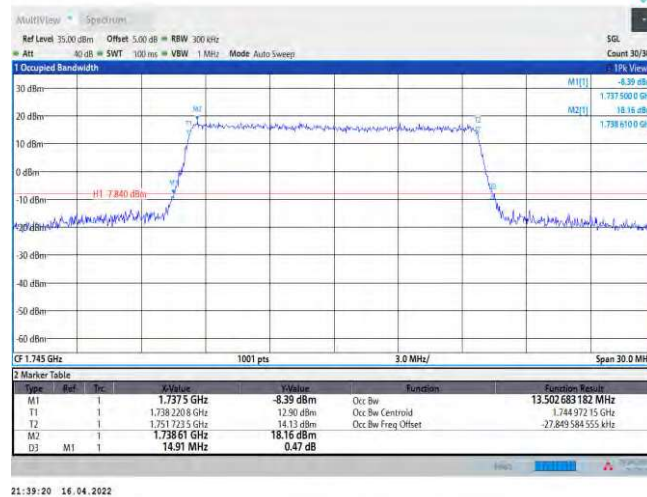


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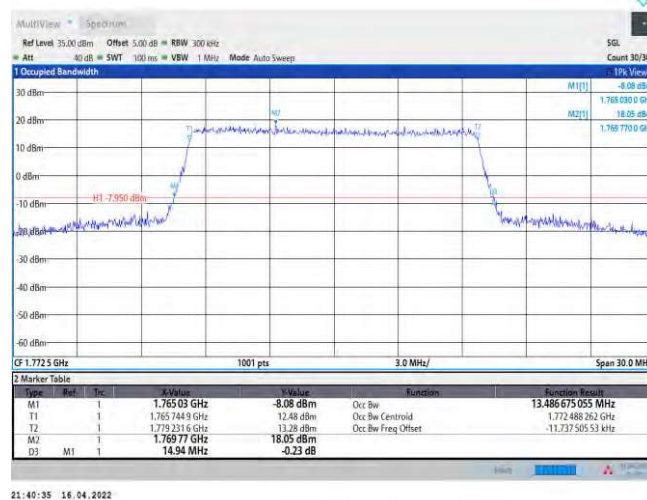
Rev.: 01

Page: 50 of 81

Band66-15MHz-16QAM-132322-75RB#0



Band66-15MHz-16QAM-132597-75RB#0

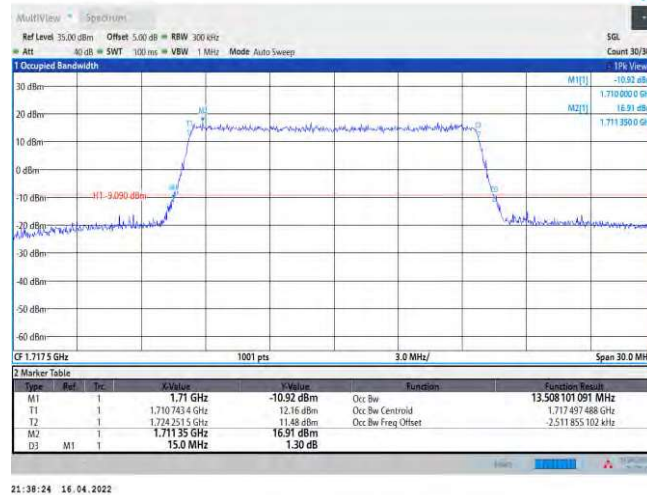


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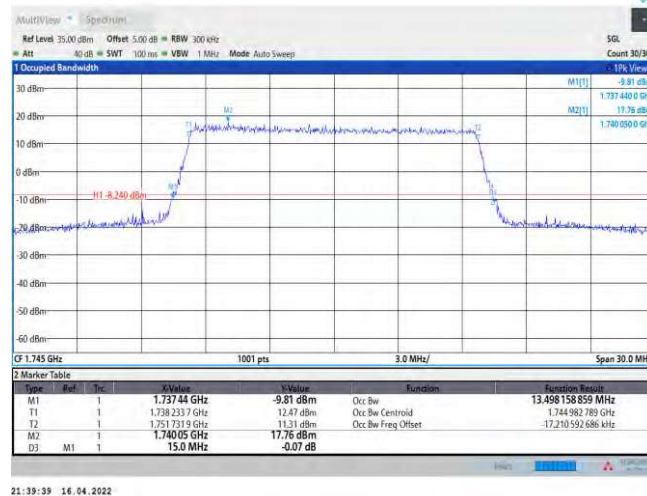
Rev.: 01

Page: 51 of 81

Band66-15MHz-64QAM-132047-75RB#0



Band66-15MHz-64QAM-132322-75RB#0

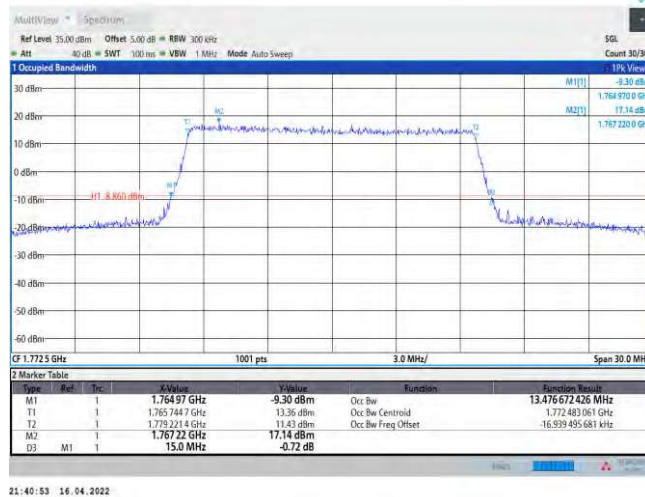


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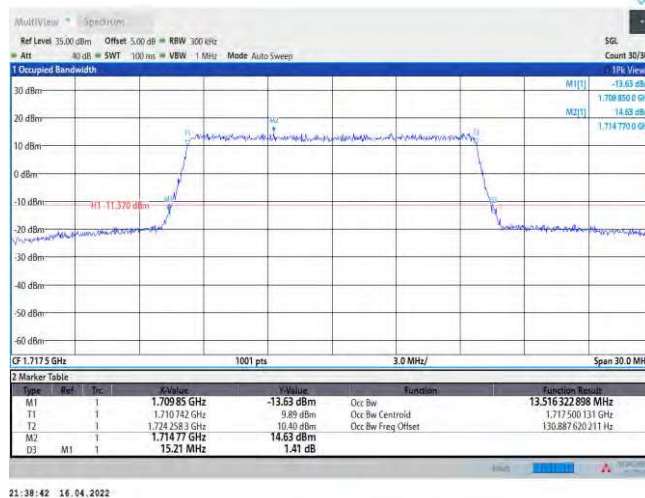
Rev.: 01

Page: 52 of 81

Band66-15MHz-64QAM-132597-75RB#0



Band66-15MHz-256QAM-132047-75RB#0

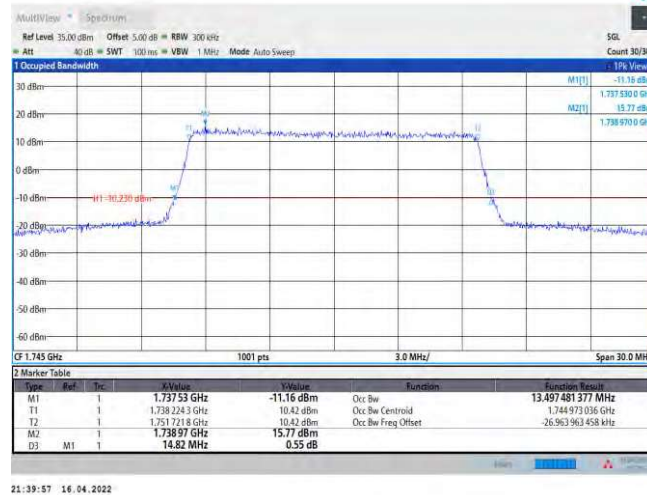


Report No.: SEWA2304000052RG01

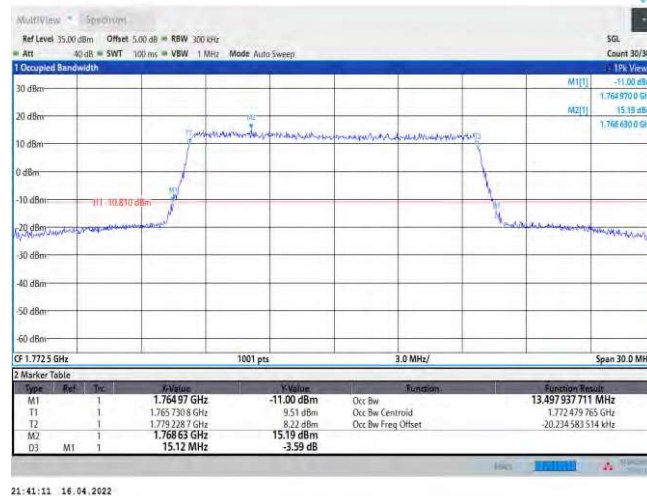
Rev.: 01

Page: 53 of 81

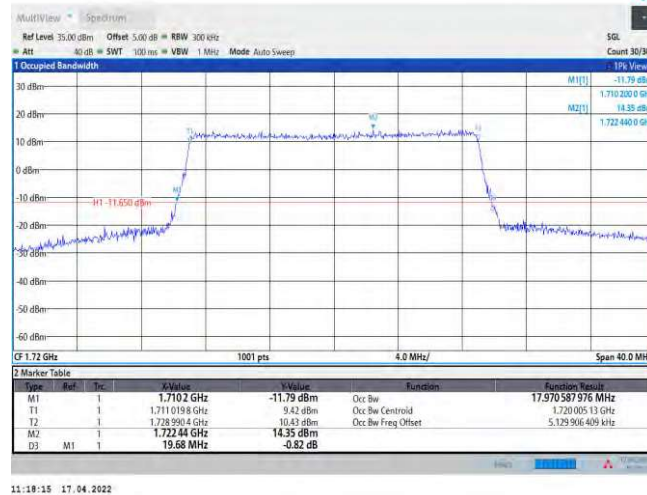
Band66-15MHz-256QAM-132322-75RB#0



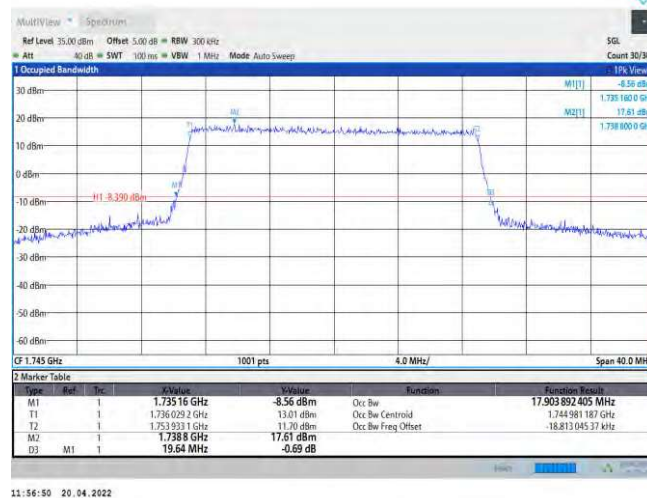
Band66-15MHz-256QAM-132597-75RB#0



Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132322-100RB#0

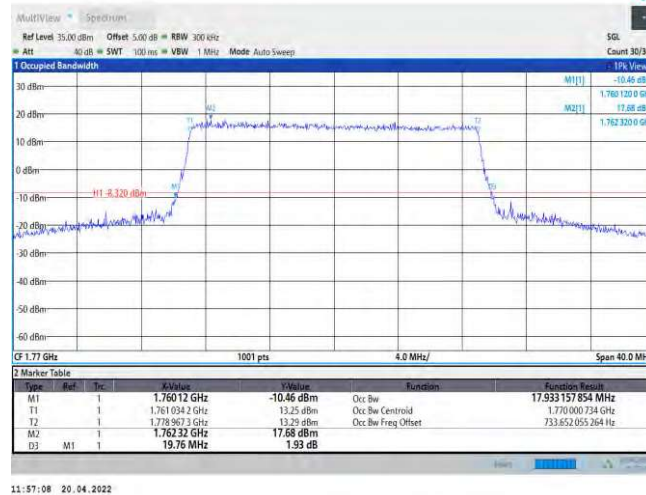


Report No.: SEWA2304000052RG01

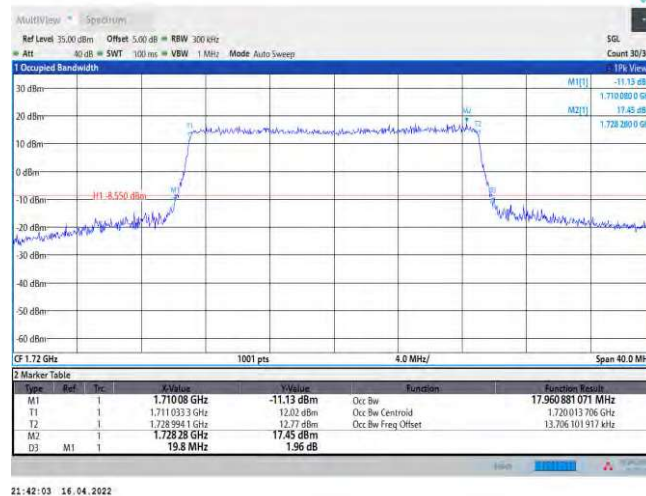
Rev.: 01

Page: 55 of 81

Band66-20MHz-QPSK-132572-100RB#0



Band66-20MHz-16QAM-132072-100RB#0

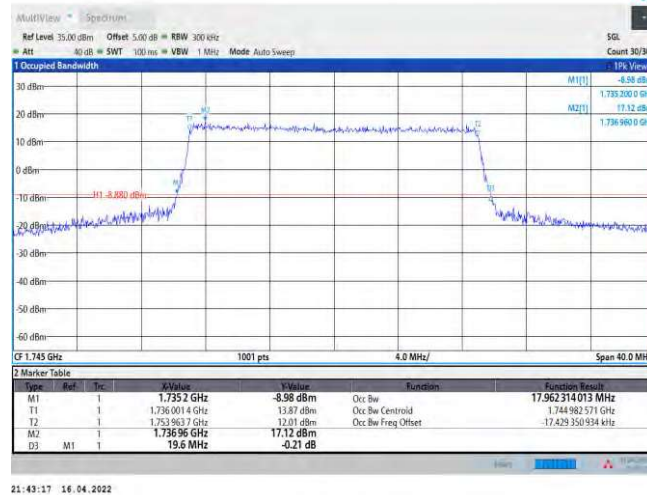


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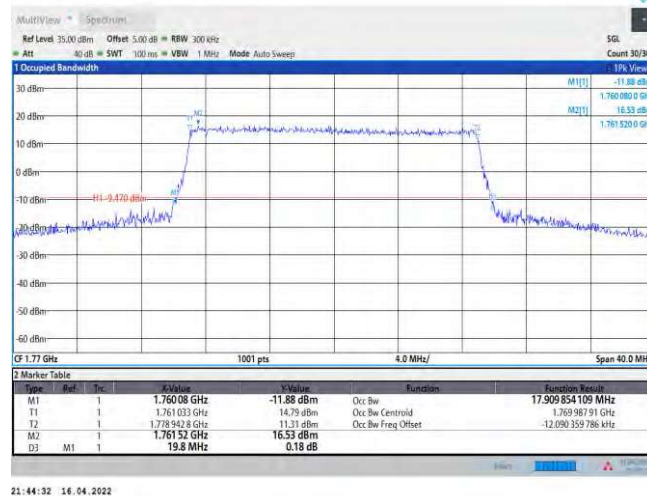
Rev.: 01

Page: 56 of 81

Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-100RB#0

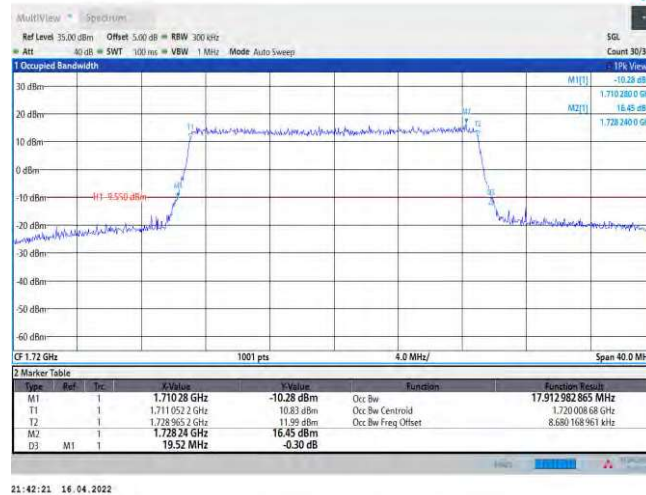


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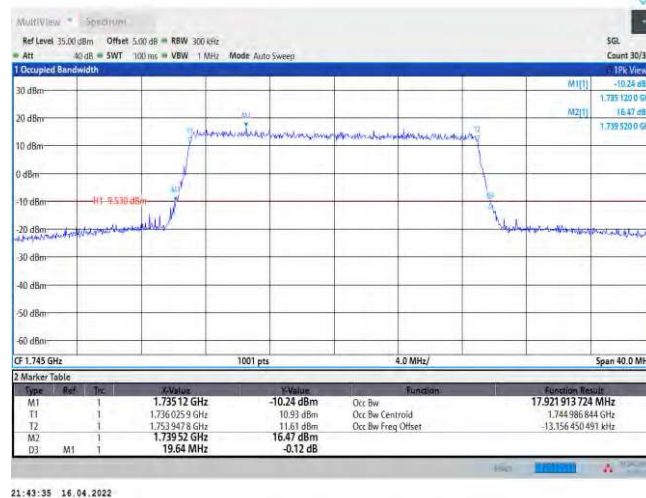
Rev.: 01

Page: 57 of 81

Band66-20MHz-64QAM-132072-100RB#0



Band66-20MHz-64QAM-132322-100RB#0

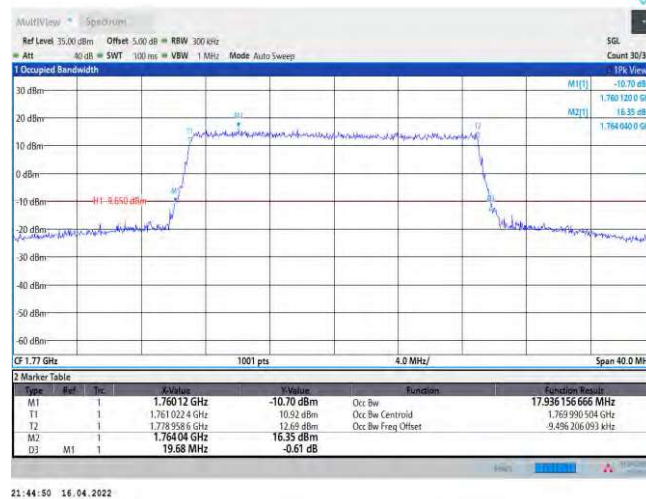


Report No.: SEWA2304000052RG01

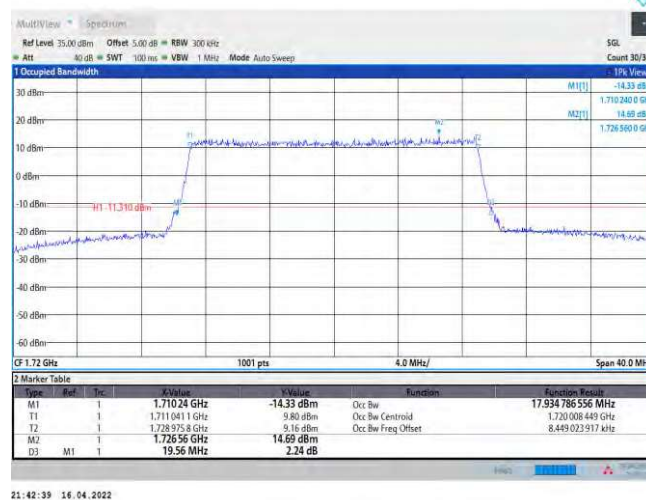
Rev.: 01

Page: 58 of 81

Band66-20MHz-64QAM-132572-100RB#0



Band66-20MHz-256QAM-132072-100RB#0



Report No.: SEWA2304000052RG01

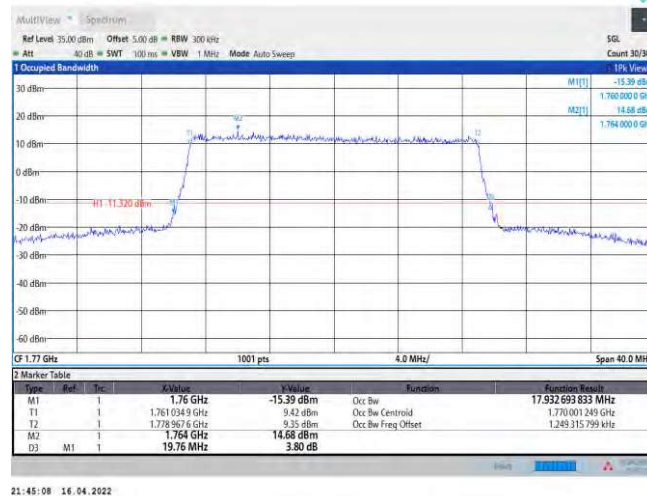
Rev.: 01

Page: 59 of 81

Band66-20MHz-256QAM-132322-100RB#0



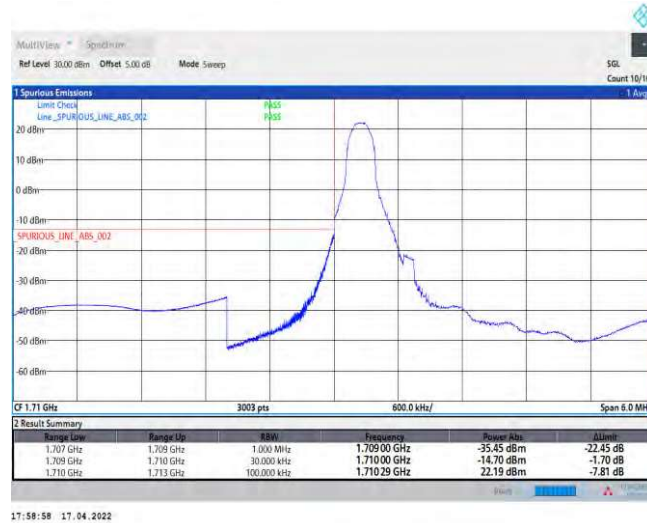
Band66-20MHz-256QAM-132572-100RB#0



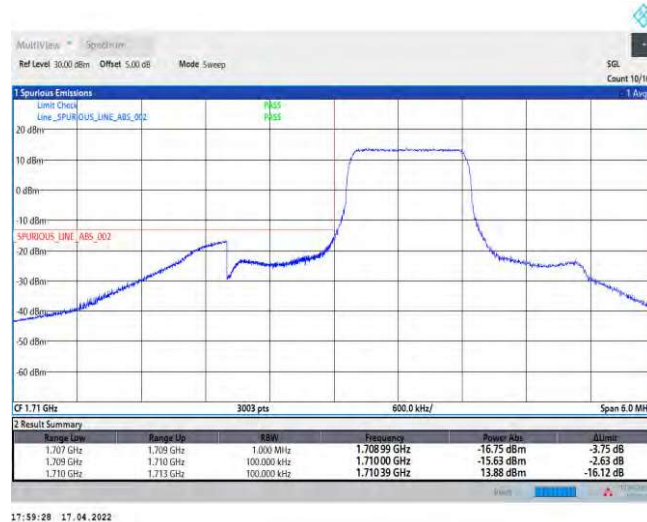
Band Edge

Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



Band66-1.4MHz-QPSK-131979-6RB#0

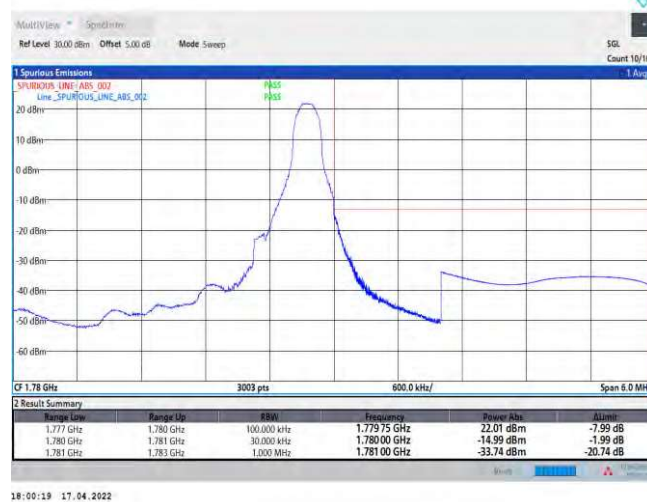


Report No.: SEWA2304000052RG01

Rev.: 01

Page: 61 of 81

Band66-1.4MHz-QPSK-132665-1RB#5



Band66-1.4MHz-QPSK-132665-6RB#0

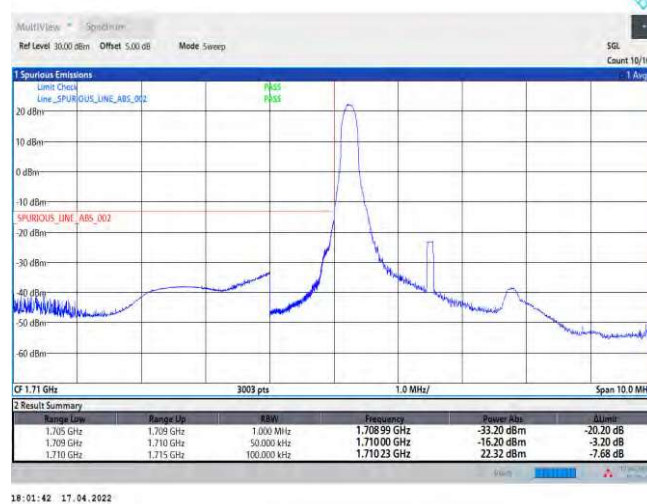


Report No.: SEWA2304000052RG01

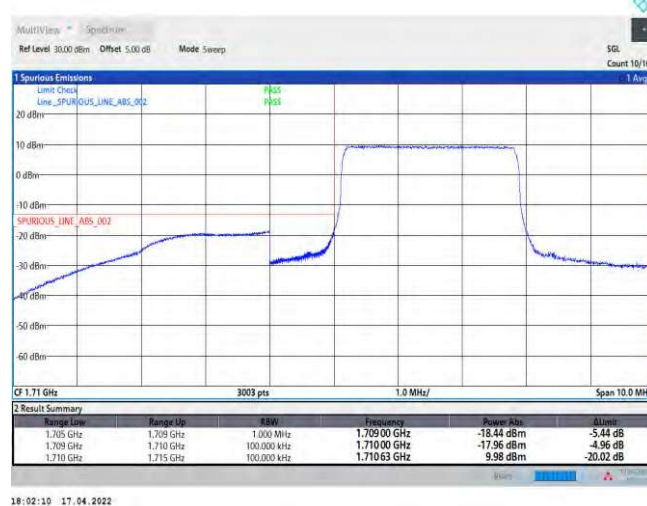
Rev.: 01

Page: 62 of 81

Band66-3MHz-QPSK-131987-1RB#0



Band66-3MHz-QPSK-131987-15RB#0

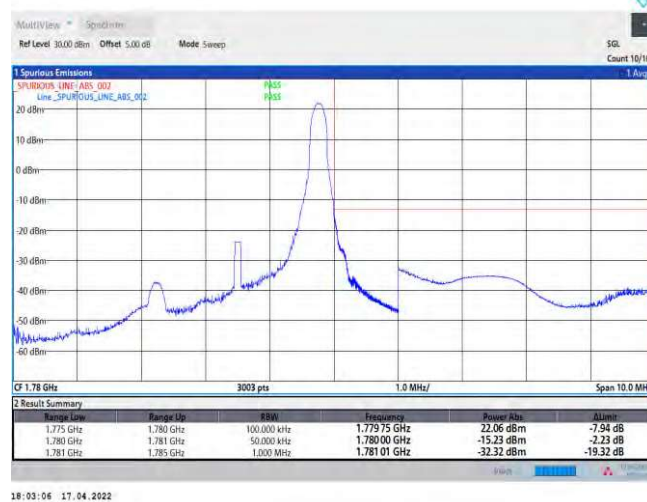


Report No.: SEWA2304000052RG01

Rev.: 01

Page: 63 of 81

Band66-3MHz-QPSK-132657-1RB#14



Band66-3MHz-QPSK-132657-15RB#0

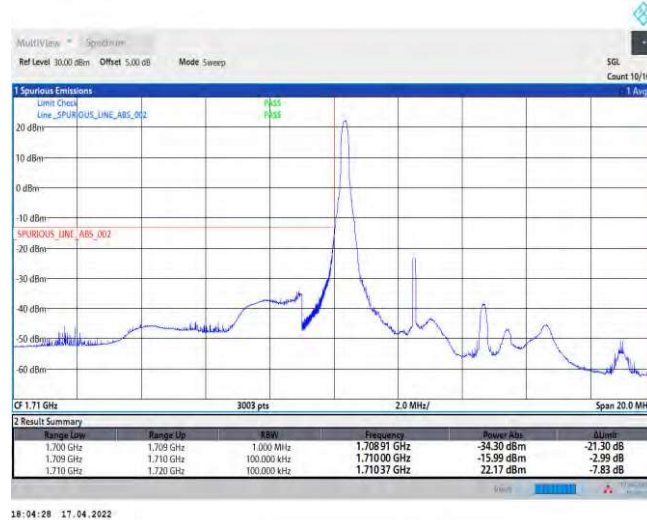


Report No.: SEWA2304000052RG01

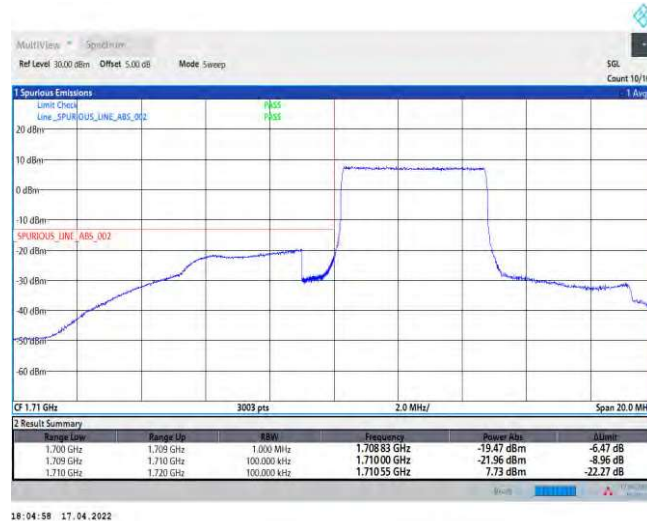
Rev.: 01

Page: 64 of 81

Band66-5MHz-QPSK-131997-1RB#0



Band66-5MHz-QPSK-131997-25RB#0

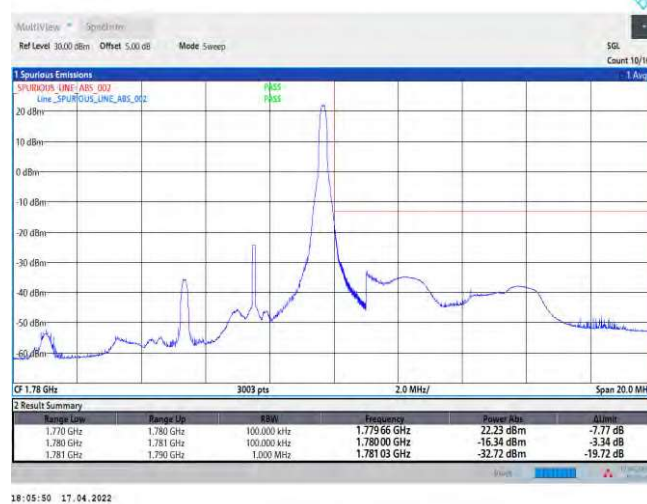


Report No.: SEWA2304000052RG01

Rev.: 01

Page: 65 of 81

Band66-5MHz-QPSK-132647-1RB#24



Band66-5MHz-QPSK-132647-25RB#0

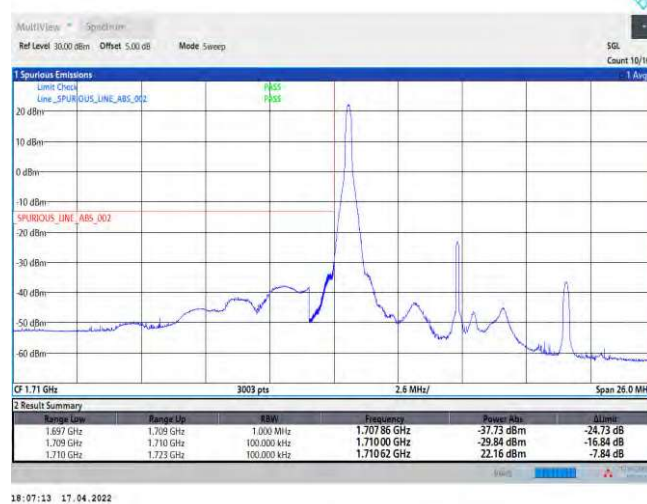


Report No.: SEWA2304000052RG01

Rev.: 01

Page: 66 of 81

Band66-10MHz-QPSK-132022-1RB#0



Band66-10MHz-QPSK-132022-50RB#0

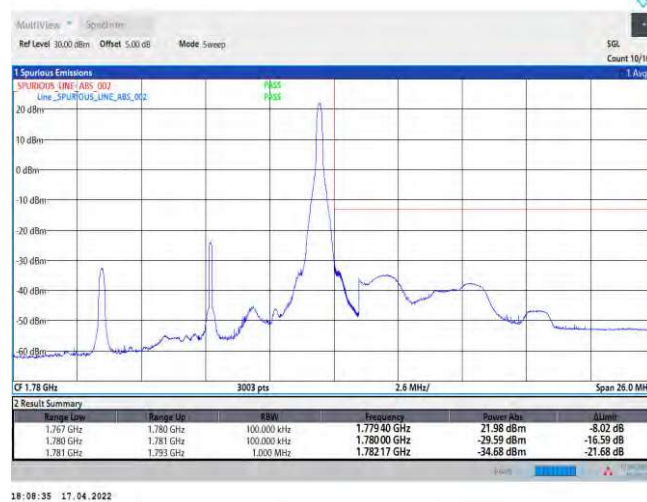


Report No.: SEWA2304000052RG01

Rev.: 01

Page: 67 of 81

Band66-10MHz-QPSK-132622-1RB#49



Band66-10MHz-QPSK-132622-50RB#0

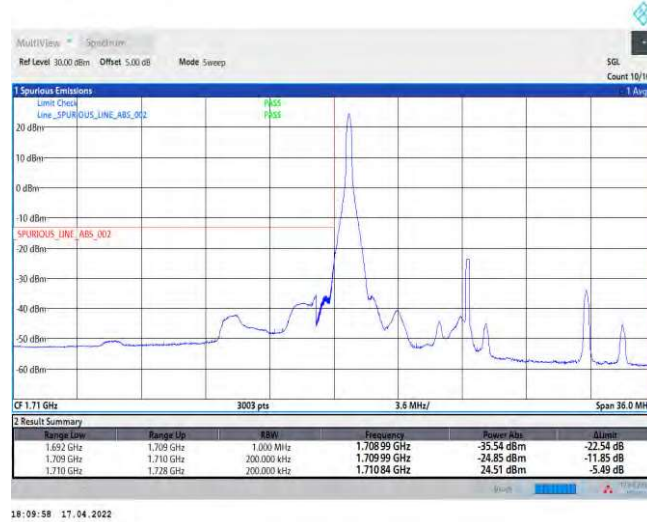


Report No.: SEWA2304000052RG01

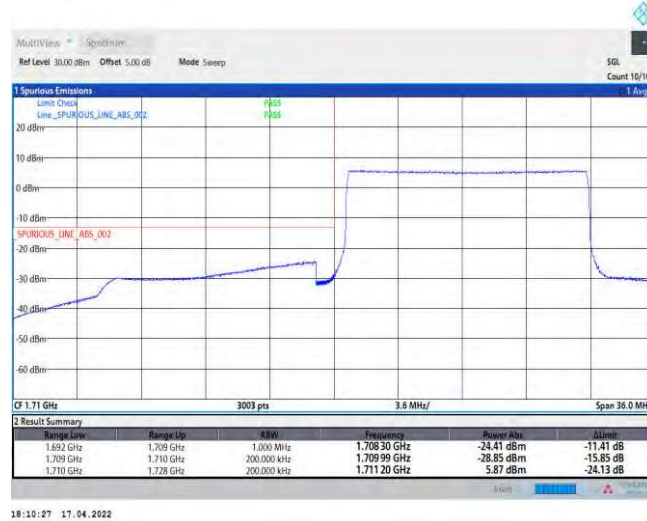
Rev.: 01

Page: 68 of 81

Band66-15MHz-QPSK-132047-1RB#0



Band66-15MHz-QPSK-132047-75RB#0

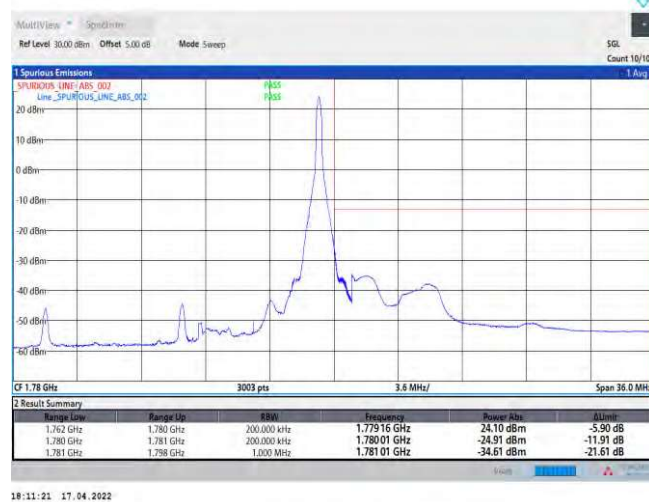


Report No.: SEWA2304000052RG01

Rev.: 01

Page: 69 of 81

Band66-15MHz-QPSK-132597-1RB#74



Band66-15MHz-QPSK-132597-75RB#0

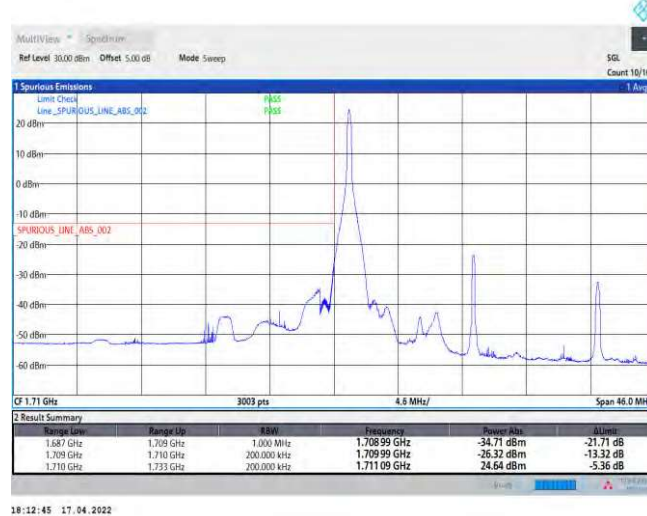


Report No.: SEWA2304000052RG01

Rev.: 01

Page: 70 of 81

Band66-20MHz-QPSK-132072-1RB#0



Band66-20MHz-QPSK-132072-100RB#0

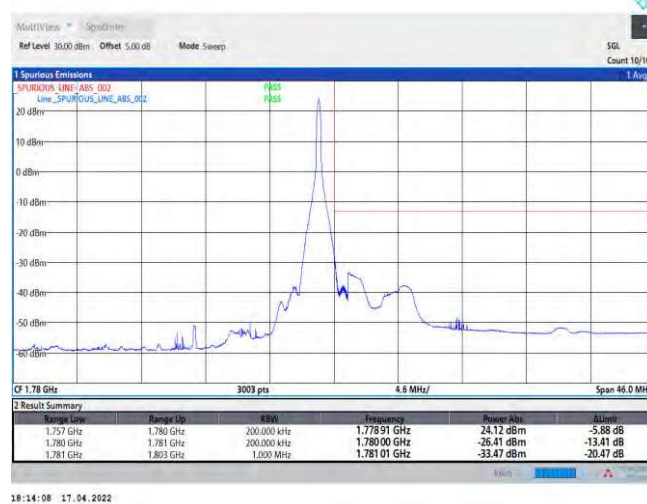


Report No.: SEWA2304000052RG01

Rev.: 01

Page: 71 of 81

Band66-20MHz-QPSK-132572-1RB#99



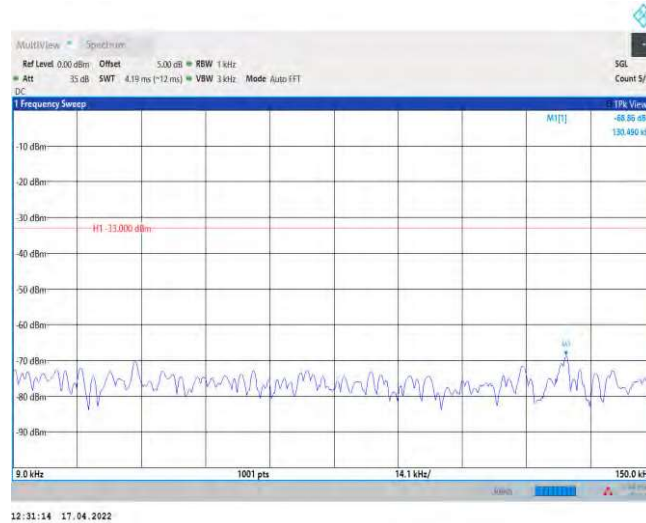
Band66-20MHz-QPSK-132572-100RB#0



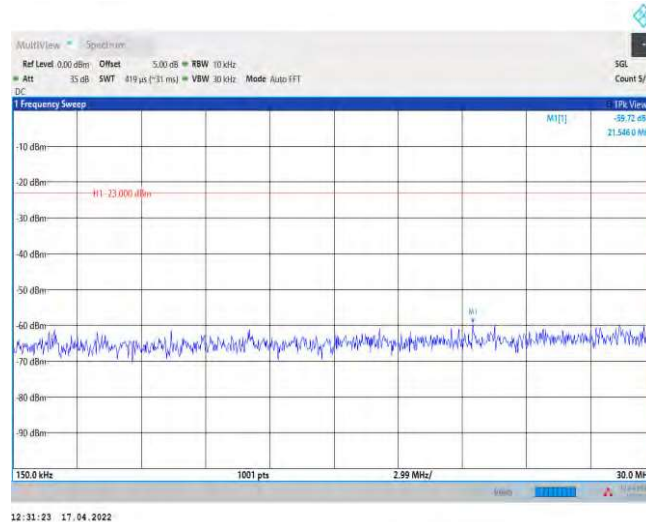
Conducted Spurious Emission

Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz

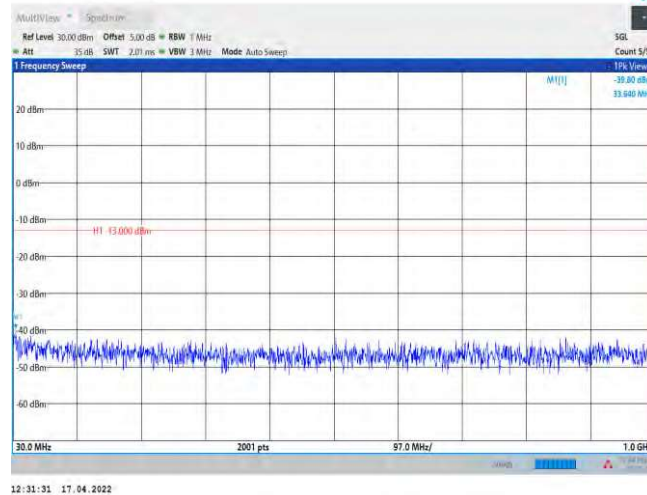


Report No.: SEWA2304000052RG01

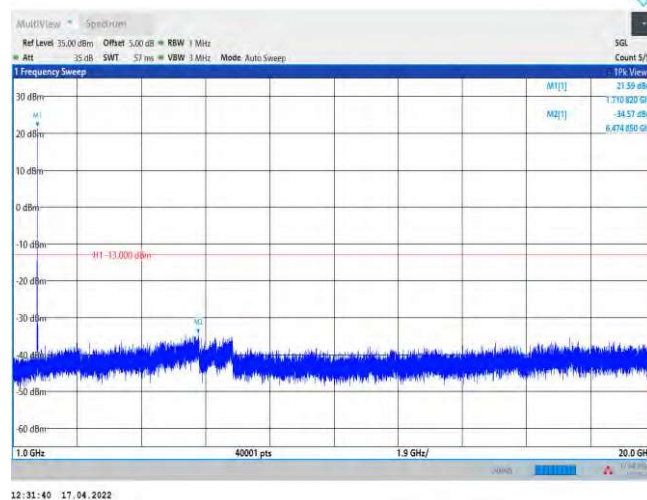
Rev.: 01

Page: 73 of 81

Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz

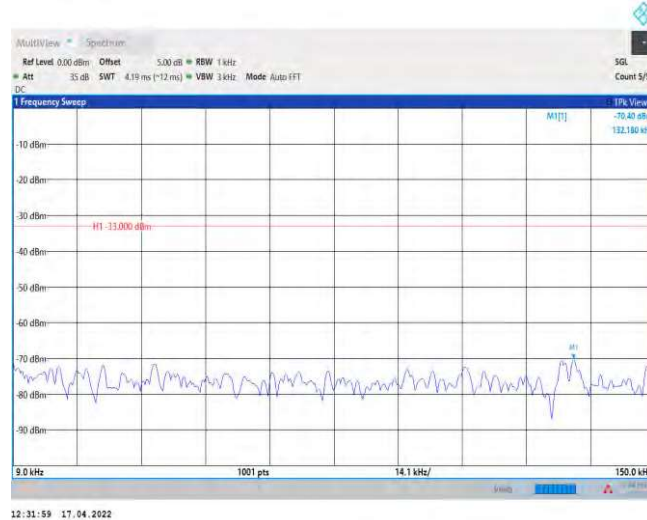


Report No.: SEWA2304000052RG01

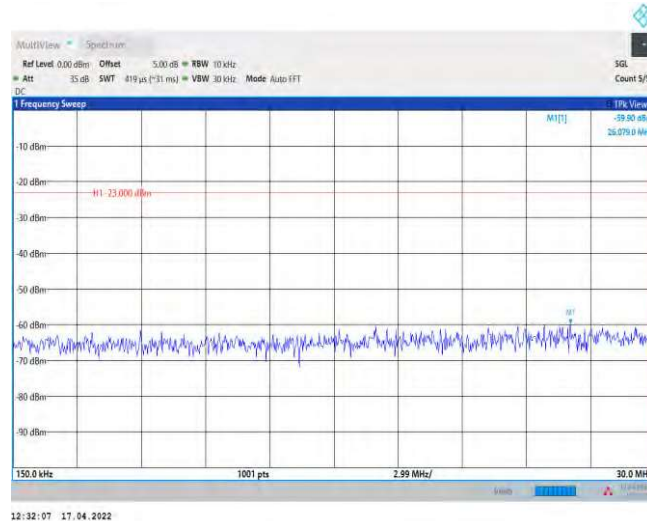
Rev.: 01

Page: 74 of 81

Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz

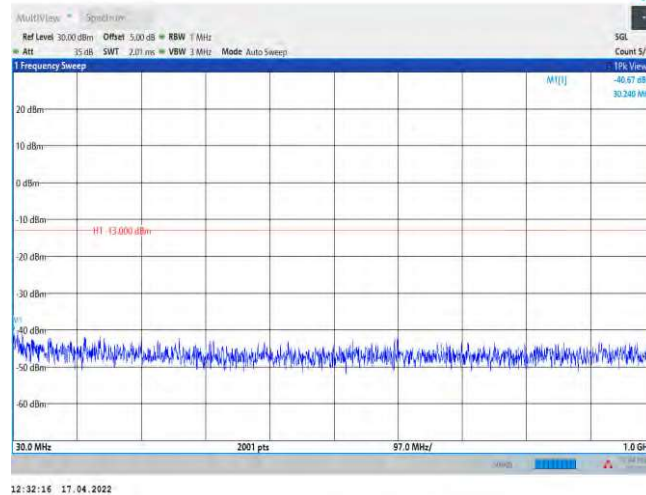


Report No.: SEWA2304000052RG01

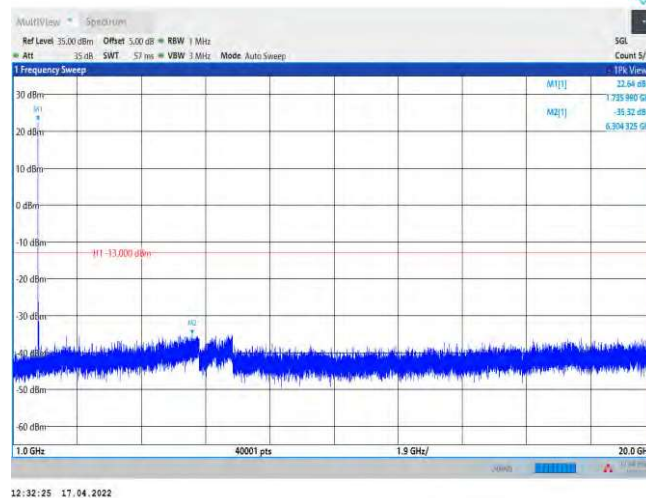
Rev.: 01

Page: 75 of 81

Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz

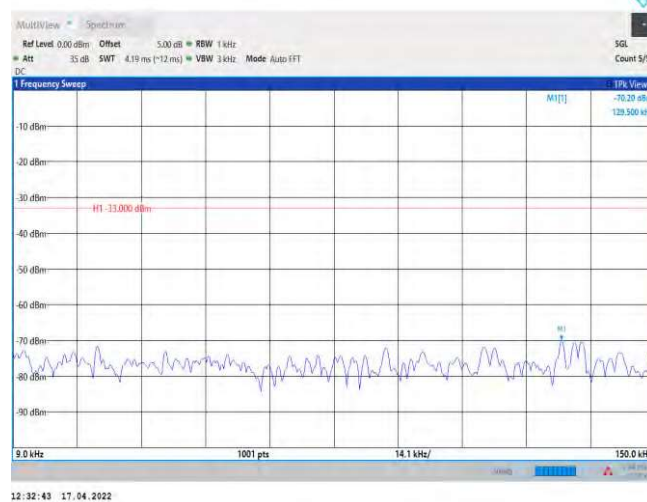


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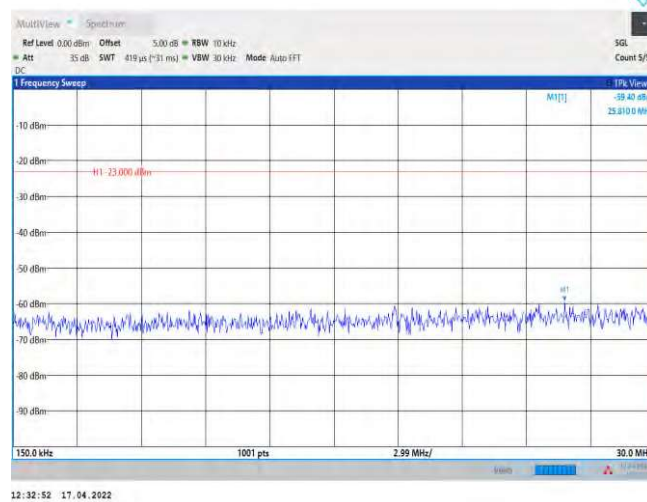
Rev.: 01

Page: 76 of 81

Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz

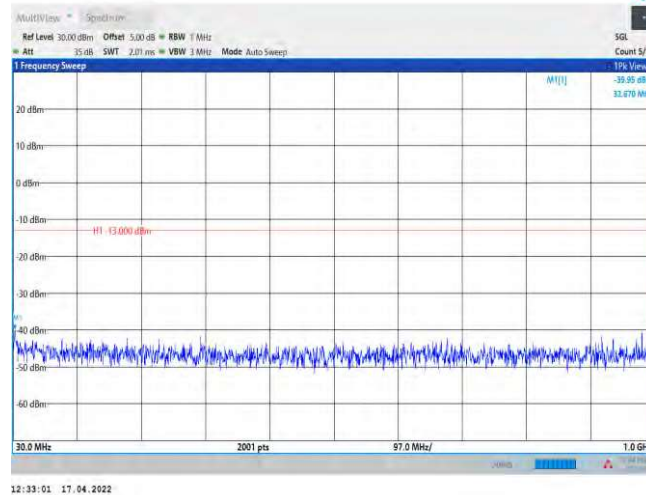


Report No.: SEWA2304000052RG01

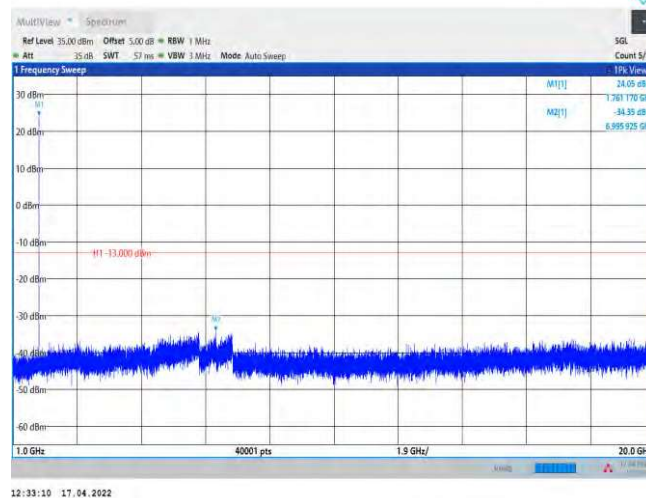
Rev.: 01

Page: 77 of 81

Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz





Report No.: SEWA2304000052RG01

Rev.: 01

Page: 78 of 81

Field Strength of Spurious Radiation

Test Band = LTE Band 66_ TM1

Test Channel = Low Channel

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.75	-46.28	29.43	-69.36	-13.00	56.36	211	25	Horizontal
2	5106.2700	40.88	-45.36	32.94	-66.81	-13.00	53.81	132	252	Horizontal
3	6808.3600	40.36	-44.16	35.85	-63.21	-13.00	50.21	154	283	Horizontal
4	8510.4500	38.23	-41.59	37.56	-61.06	-13.00	48.06	148	207	Horizontal
5	10212.540	34.24	-39.45	38.81	-61.65	-13.00	48.65	197	60	Horizontal
6	11914.630	31.33	-37.18	38.88	-62.23	-13.00	49.23	183	29	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.76	-46.28	29.43	-69.35	-13.00	56.35	233	357	Vertical
2	5106.2700	41.32	-45.36	32.94	-66.37	-13.00	53.37	215	359	Vertical
3	6808.3600	41.00	-44.16	35.85	-62.57	-13.00	49.57	145	352	Vertical
4	8510.4500	37.85	-41.59	37.56	-61.44	-13.00	48.44	196	4	Vertical
5	10212.540	34.33	-39.45	38.81	-61.56	-13.00	48.56	258	59	Vertical
6	11914.630	31.22	-37.18	38.88	-62.34	-13.00	49.34	142	210	Vertical





Report No.: SEWA2304000052RG01

Rev.: 01

Page: 79 of 81

Test Band = LTE Band 66_ TM1

Test Channel = Mid Channel

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.70	-46.27	29.48	-69.35	-13.00	56.35	222	359	Horizontal
2	5181.2700	41.22	-45.30	32.98	-66.36	-13.00	53.36	302	350	Horizontal
3	6908.3600	40.39	-44.05	35.97	-62.95	-13.00	49.95	159	296	Horizontal
4	8635.4500	37.85	-41.46	37.81	-61.06	-13.00	48.06	192	29	Horizontal
5	10362.540	34.42	-39.04	38.85	-61.03	-13.00	48.03	184	43	Horizontal
6	12089.630	32.45	-37.37	39.04	-61.14	-13.00	48.14	170	360	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.47	-46.27	29.48	-69.58	-13.00	56.58	298	104	Vertical
2	5181.2700	40.68	-45.30	32.98	-66.90	-13.00	53.90	122	313	Vertical
3	6908.3600	39.31	-44.05	35.97	-64.03	-13.00	51.03	263	29	Vertical
4	8635.4500	37.41	-41.46	37.81	-61.50	-13.00	48.50	210	60	Vertical
5	10362.540	33.99	-39.04	38.85	-61.46	-13.00	48.46	140	330	Vertical
6	12089.630	31.23	-37.37	39.04	-62.36	-13.00	49.36	172	283	Vertical



Report No.: SEWA2304000052RG01

Rev.: 01

Page: 80 of 81

Test Band = LTE Band 66_ TM1
Test Channel = High Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	43.24	-46.25	29.52	-68.75	-13.00	55.75	263	4	Horizontal
2	5256.2700	41.16	-45.17	32.94	-66.34	-13.00	53.34	215	329	Horizontal
3	7008.3600	40.21	-43.61	36.10	-62.56	-13.00	49.56	148	360	Horizontal
4	8760.4500	37.37	-41.42	38.02	-61.30	-13.00	48.30	188	329	Horizontal
5	10512.540	34.28	-38.76	38.97	-60.77	-13.00	47.77	192	4	Horizontal
6	12262.630	32.68	-37.44	39.11	-60.91	-13.00	47.91	200	222	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	42.64	-46.25	29.52	-69.35	-13.00	56.35	245	88	Vertical
2	5256.2700	41.49	-45.17	32.94	-66.01	-13.00	53.01	133	344	Vertical
3	7008.3600	40.60	-43.61	36.10	-62.17	-13.00	49.17	261	134	Vertical
4	8760.4500	37.81	-41.42	38.02	-60.86	-13.00	47.86	100	286	Vertical
5	10512.540	34.05	-38.76	38.97	-61.00	-13.00	48.00	184	74	Vertical
6	12262.630	31.49	-37.44	39.11	-62.10	-13.00	49.10	199	120	Vertical



Report No.: SEWA2304000052RG01

Rev.: 01

Page: 81 of 81

Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-0.40	-0.000229	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-0.70	-0.000401	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-1.30	-0.000745	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	0.70	0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.40	-0.001375	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-1.80	-0.001032	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	0.20	0.000115	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-0.70	-0.000401	PASS

The End

