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Appendix B.16

LTE CA_38C



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	1RB#0-0RB#0	23.75	24.45	33.00	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	22.71	23.41	33.00	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#0-0RB#0	23.68	24.38	33.00	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	22.75	23.45	33.00	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#0-0RB#0	23.71	24.41	33.00	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	22.75	23.45	33.00	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	1RB#0-0RB#0	22.71	23.41	33.00	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	21.76	22.46	33.00	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	1RB#0-0RB#0	22.77	23.47	33.00	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	21.75	22.45	33.00	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	1RB#0-0RB#0	22.76	23.46	33.00	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	21.73	22.43	33.00	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#0-0RB#0	21.80	22.50	33.00	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	21.39	22.09	33.00	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	1RB#0-0RB#0	21.72	22.42	33.00	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	21.45	22.15	33.00	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	1RB#0-0RB#0	21.88	22.58	33.00	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	75RB#0-75RB#0	21.66	22.36	33.00	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	100RB#0-100RB#0	22.77	23.47	33.00	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	1RB#0-0RB#0	23.92	24.62	33.00	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	22.74	23.44	33.00	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	1RB#0-0RB#0	23.68	24.38	33.00	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	100RB#0-100RB#0	22.73	23.43	33.00	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	1RB#0-0RB#0	22.85	23.55	33.00	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	100RB#0-100RB#0	21.73	22.43	33.00	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	1RB#0-0RB#0	23.06	23.76	33.00	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	21.75	22.45	33.00	PASS



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38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	1RB#0-0RB#0	22.73	23.43	33.00	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	100RB#0-100RB#0	21.76	22.46	33.00	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	1RB#0-0RB#0	22.69	23.39	33.00	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	100RB#0-100RB#0	21.47	22.17	33.00	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	1RB#0-0RB#0	22.00	22.70	33.00	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	21.54	22.24	33.00	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	1RB#0-0RB#0	21.83	22.53	33.00	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	100RB#0-100RB#0	21.63	22.33	33.00	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	1RB#0-0RB#0	21.78	22.48	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	100RB#0-100RB#0	9.00	13	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	9.04	13	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	100RB#0-100RB#0	8.86	13	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	100RB#0-100RB#0	8.80	13	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	8.98	13	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	100RB#0-100RB#0	9.08	13	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	100RB#0-100RB#0	8.90	13	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	8.98	13	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	100RB#0-100RB#0	8.88	13	PASS



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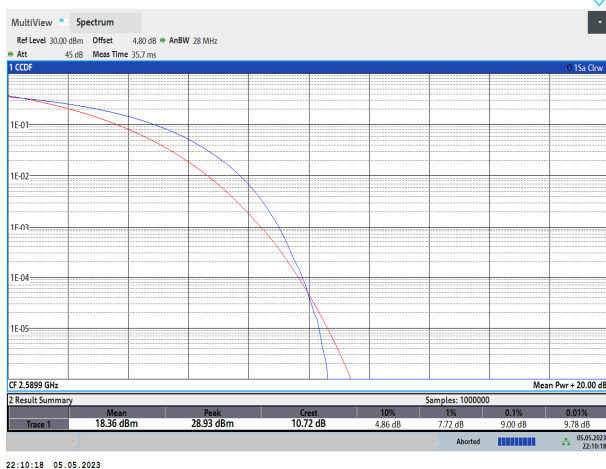
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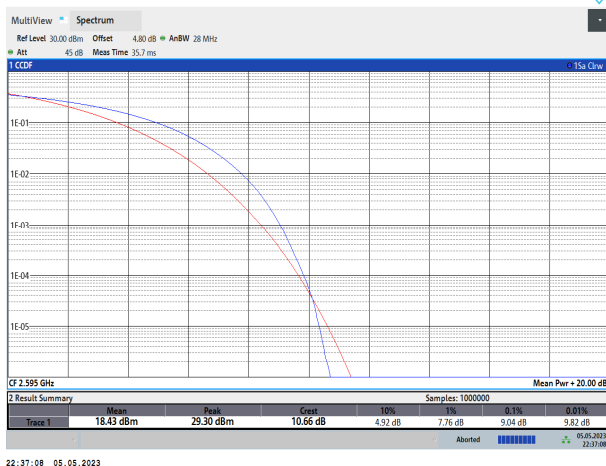
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Test Graphs

38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-100RB#0-100RB#0



38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-100RB#0-100RB#0



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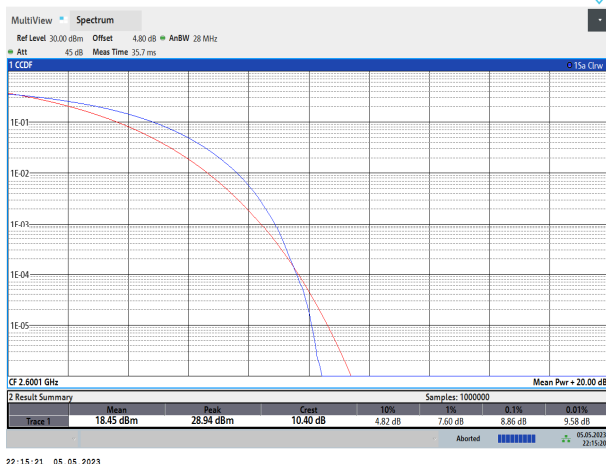
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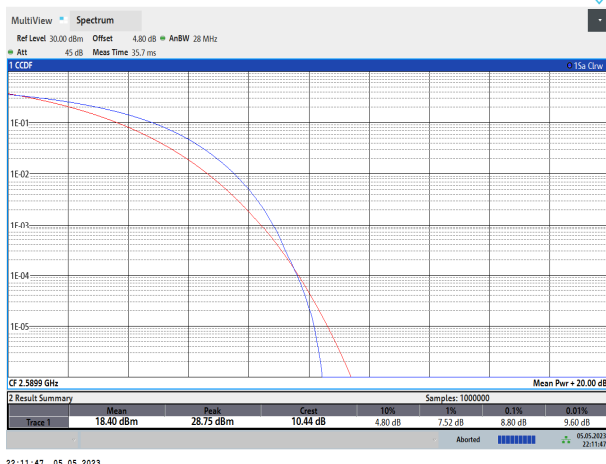
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38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-100RB#0-100RB#0



38-38-20MHz-20MHz-16QAM-16QAM-37850-38048-100RB#0-100RB#0



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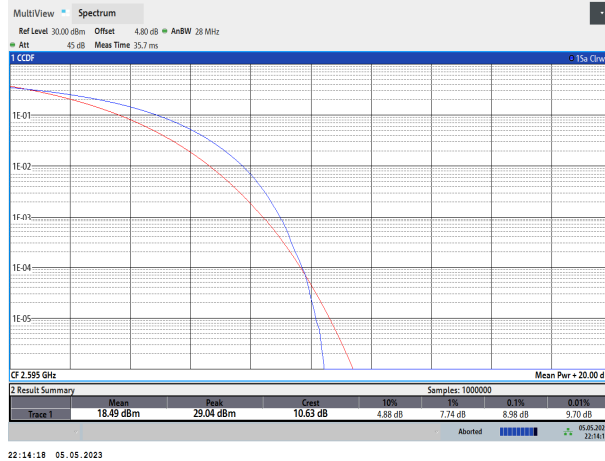
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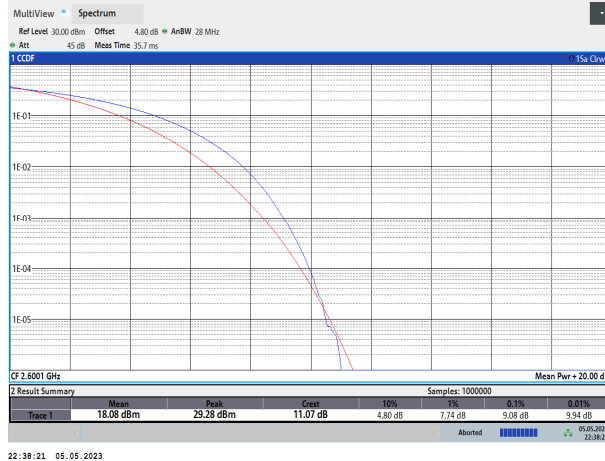
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38-38-20MHz-20MHz-16QAM-16QAM-37901-38099-100RB#0-100RB#0



38-38-20MHz-20MHz-16QAM-16QAM-37952-38150-100RB#0-100RB#0



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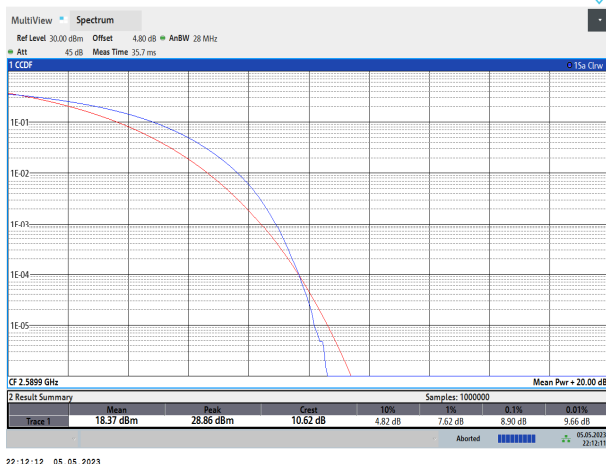
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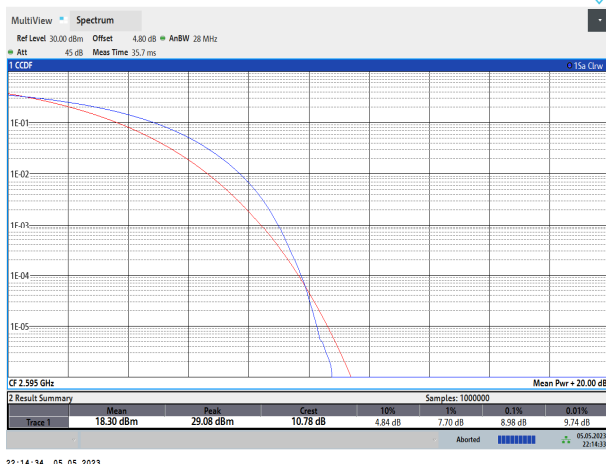
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38-38-20MHz-20MHz-64QAM-64QAM-37850-38048-100RB#0-100RB#0



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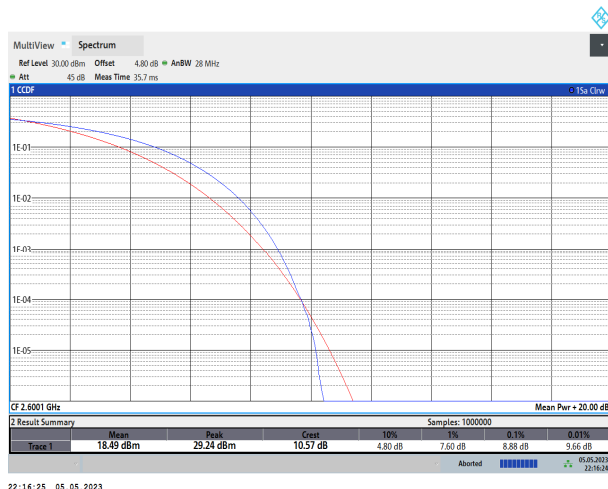
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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	PASS



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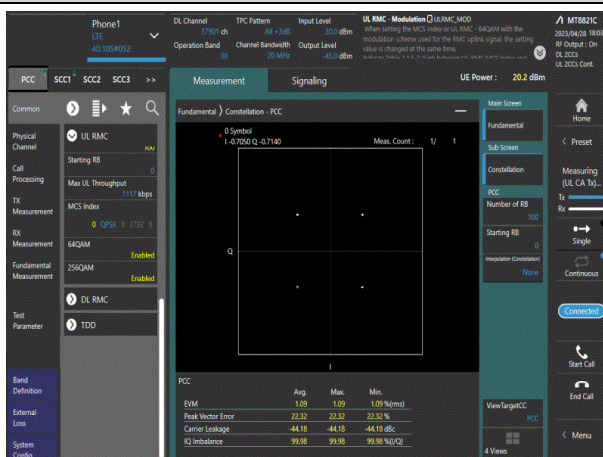
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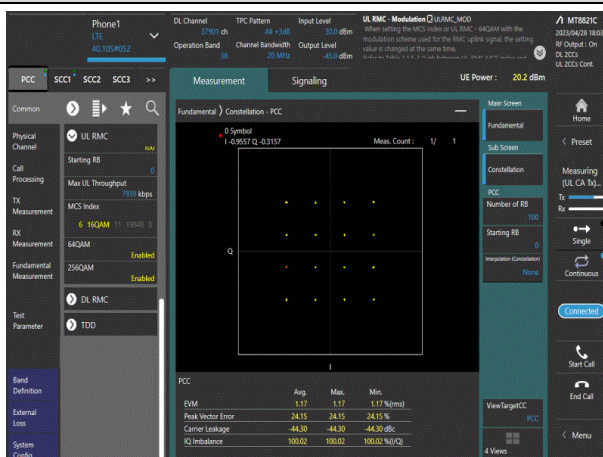
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Test Graphs

38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-100RB#0-100RB#0



38-38-20MHz-20MHz-16QAM-16QAM -37901-38099-100RB#0-100RB#0



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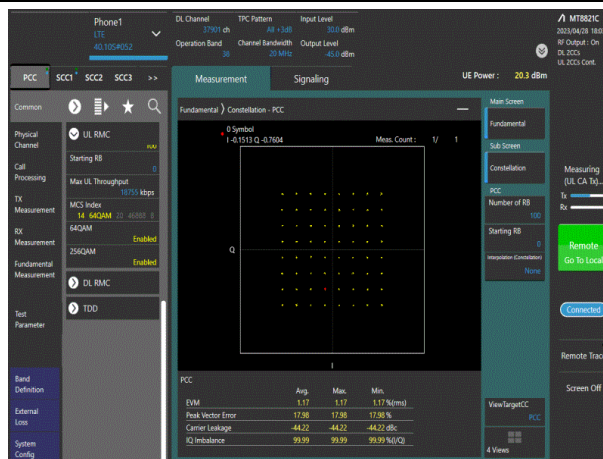
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38-38-20MHz-20MHz-64QAM-64QAM-37901-38099-100RB#0-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	28.333	30.48	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	28.357	31.50	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	28.348	29.82	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	28.263	32.34	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	28.360	30.24	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	75RB#0-75RB#0	28.314	30.06	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	37.980	40.48	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	100RB#0-100RB#0	37.692	41.92	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	37.794	40.24	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	100RB#0-100RB#0	37.754	40.16	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	37.765	40.32	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	100RB#0-100RB#0	37.858	40.08	PASS



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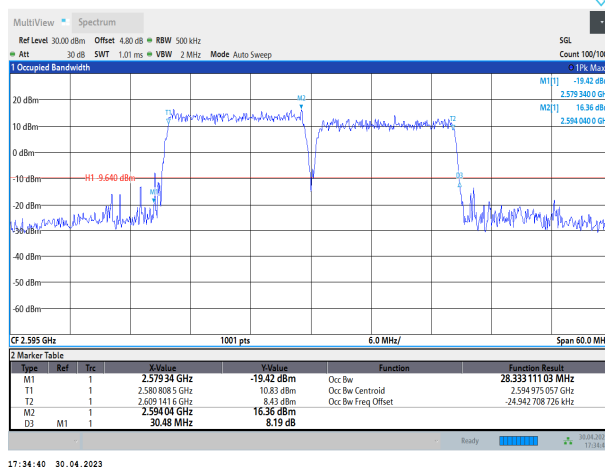
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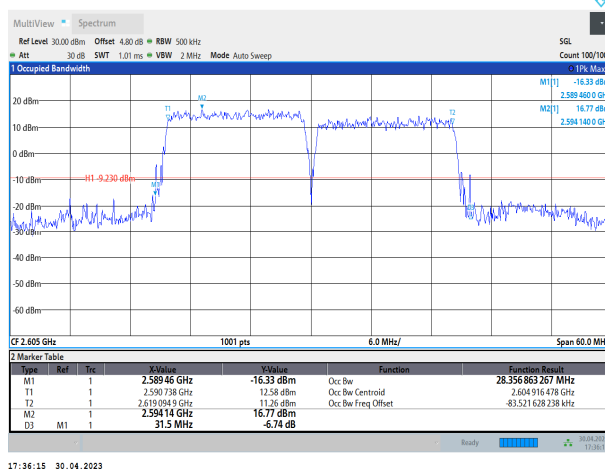
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Test Graphs

38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-75RB#0-75RB#0



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-75RB#0-75RB#0

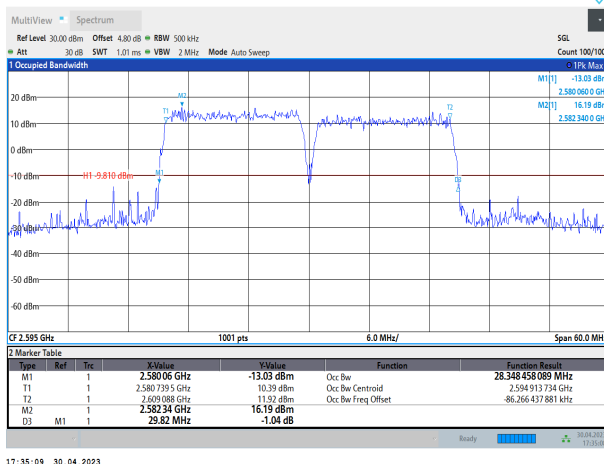


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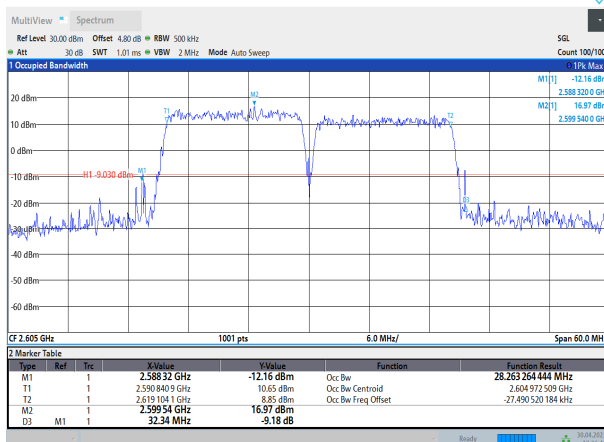
Page: 15 of 31

38-38-15MHz-15MHz-16QAM-16QAM-37925-38075-75RB#0-75RB#0



17:35:09 30.04.2023

38-38-15MHz-15MHz-16QAM-16QAM-38025-38175-75RB#0-75RB#0



17:36:44 30.04.2023



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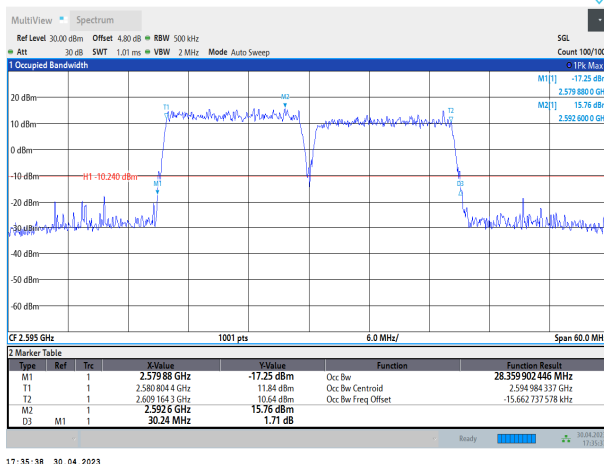
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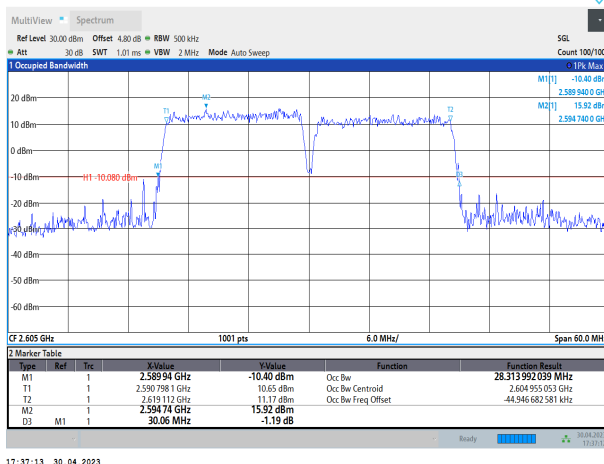
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38-38-15MHz-15MHz-64QAM-64QAM-37925-38075-75RB#0-75RB#0



38-38-15MHz-15MHz-64QAM-64QAM-38025-38175-75RB#0-75RB#0

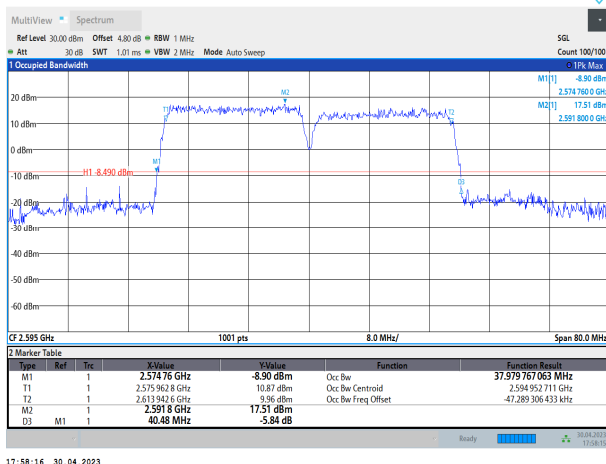


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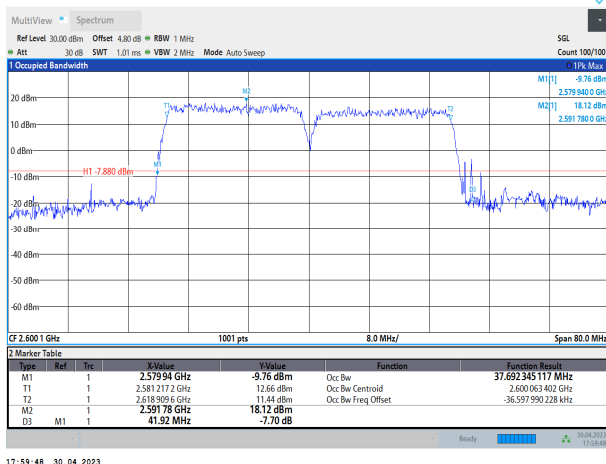
Page: 17 of 31

38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-100RB#0-100RB#0



17:59:16 30.04.2023

38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-100RB#0-100RB#0



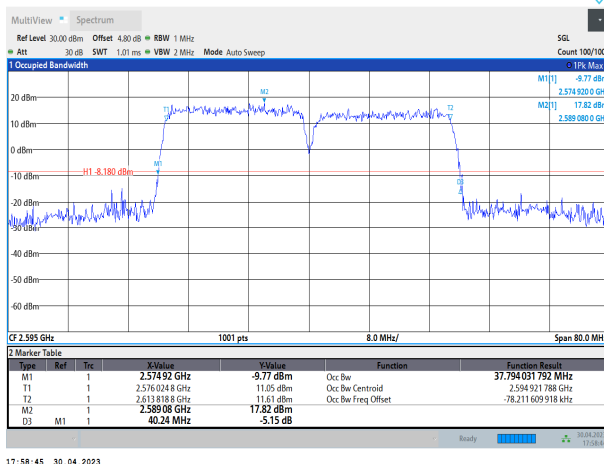
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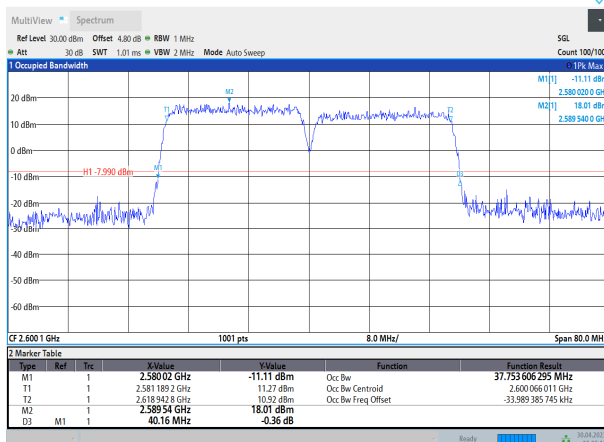
Page: 18 of 31

38-38-20MHz-20MHz-16QAM-16QAM-37901-38099-100RB#0-100RB#0



17:58:45 30.04.2023

38-38-20MHz-20MHz-16QAM-16QAM-37952-38150-100RB#0-100RB#0



18:00:17 30.04.2023

Report No.: SEWM2304000137RG01

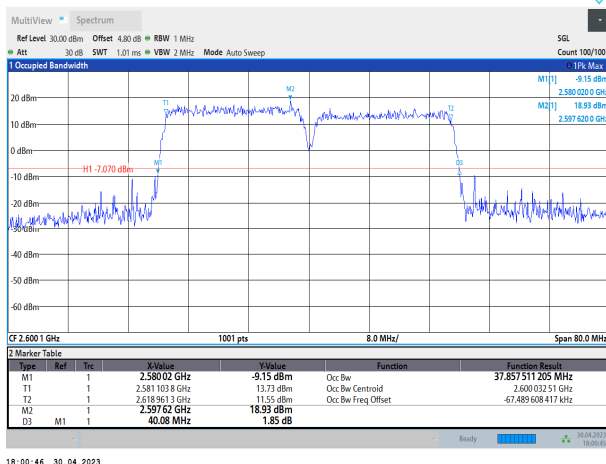
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38-38-20MHz-20MHz-64QAM-64QAM-37901-38099-100RB#0-100RB#0



38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-100RB#0-100RB#0



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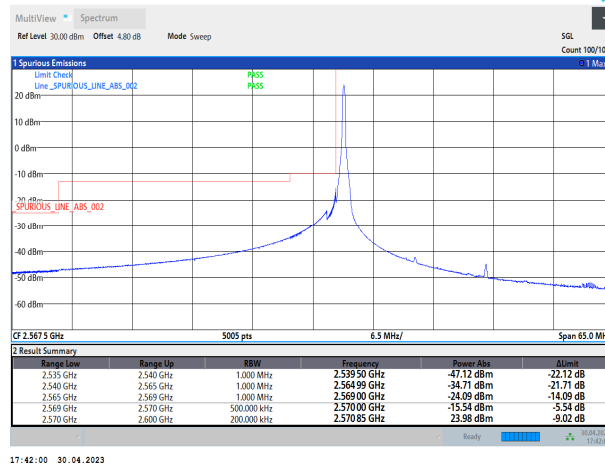
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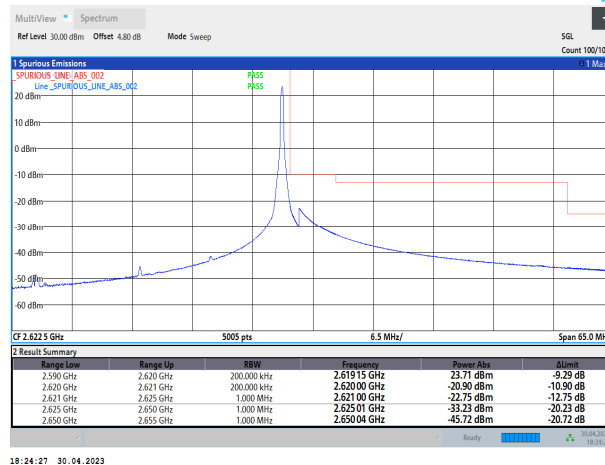
Band Edge

Test Graphs

38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-1RB#0-0RB#0



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-0RB#0-1RB#74

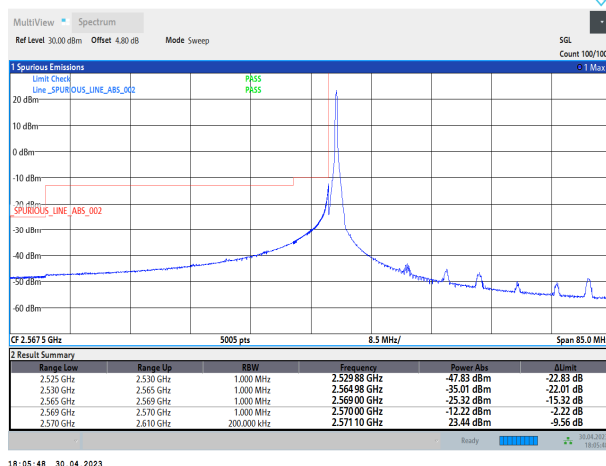


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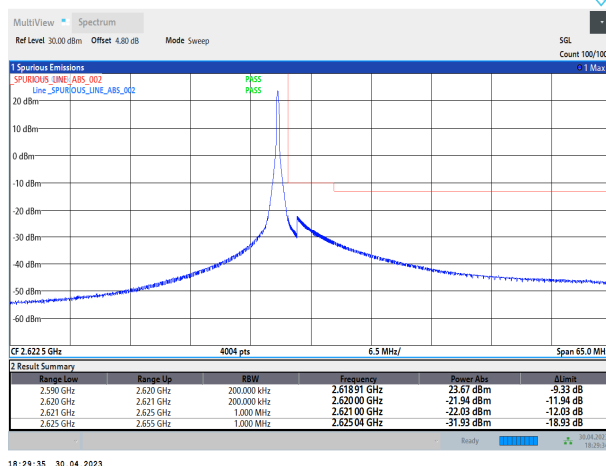
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38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-1RB#0-0RB#0



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-0RB#0-1RB#99



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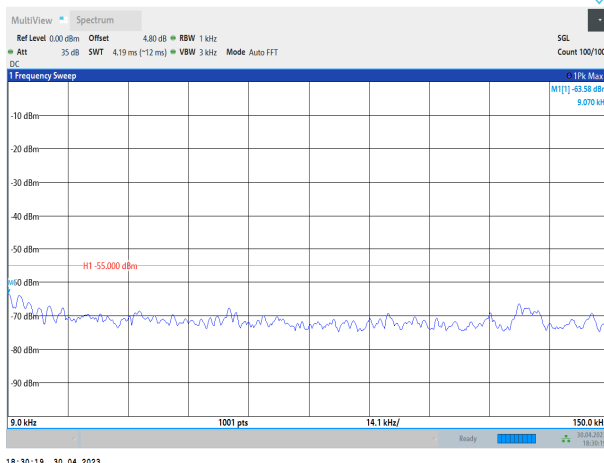
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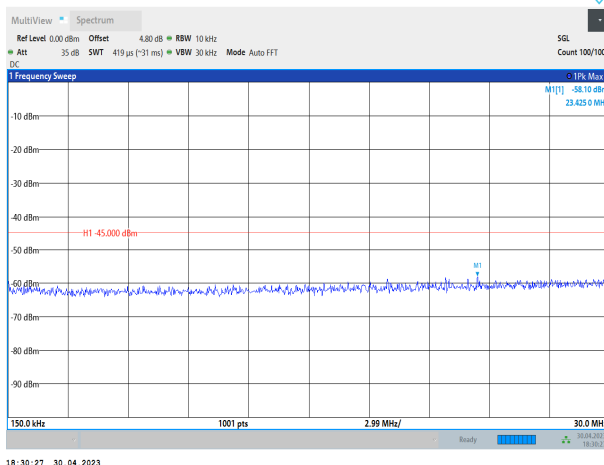
Conducted Spurious Emission

Test Graphs

38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0-0.009~0.15MHz



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0-0.15~30MHz



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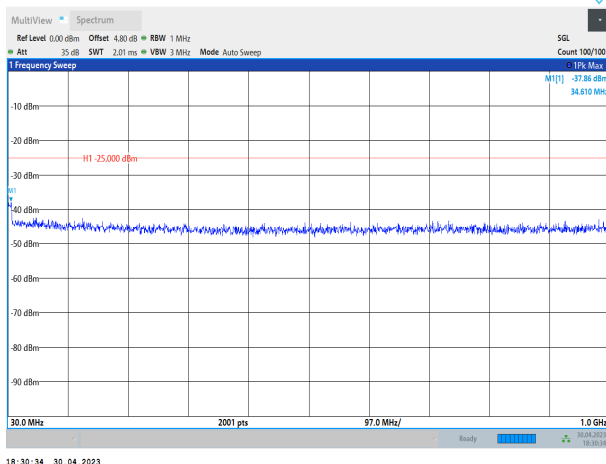
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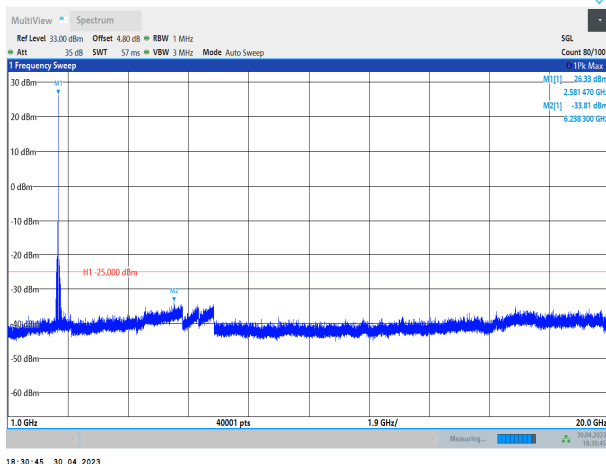
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38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0-30~1000MHz



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0-1000~20000MHz



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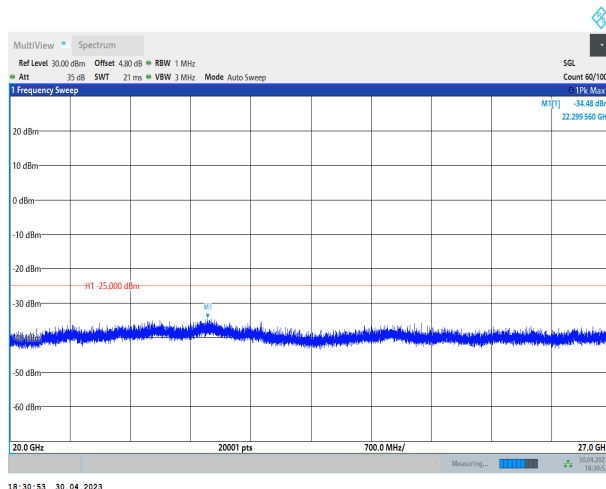


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38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-1RB#0-0RB#0-20000~27000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band38_CA_TM1

Test Channel = Low ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.1800	40.72	-45.33	32.96	-66.91	-25.00	41.91	125	150	Horizontal
2	7713.2700	39.95	-43.01	36.61	-61.71	-25.00	36.71	144	17	Horizontal
3	10284.3600	34.68	-39.15	38.83	-60.90	-25.00	35.90	174	330	Horizontal
4	12855.4500	32.20	-36.99	39.69	-60.36	-25.00	35.36	158	346	Horizontal
5	15426.5400	30.84	-33.99	38.67	-59.74	-25.00	34.74	186	90	Horizontal
6	17997.6300	32.13	-34.58	42.23	-55.47	-25.00	30.47	261	195	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.1800	41.33	-45.33	32.96	-66.30	-25.00	41.30	145	240	Vertical
2	7713.2700	39.65	-43.01	36.61	-62.01	-25.00	37.01	128	346	Vertical
3	10284.3600	33.98	-39.15	38.83	-61.60	-25.00	36.60	186	300	Vertical
4	12855.4500	32.23	-36.99	39.69	-60.33	-25.00	35.33	136	16	Vertical
5	15426.5400	30.21	-33.99	38.67	-60.37	-25.00	35.37	256	269	Vertical
6	17997.6300	32.00	-34.58	42.23	-55.60	-25.00	30.60	219	356	Vertical



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Test Band = LTE Band38_CA_TM1

Test Channel = Mid ANT0

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3541.5	43.83	-46.21	29.56	-68.08	-25.00	43.08	174	92	Horizontal
2	5152.3800	40.87	-45.32	32.96	-66.75	-25.00	41.75	185	228	Horizontal
3	7728.5700	38.95	-42.89	36.64	-62.56	-25.00	37.56	145	0	Horizontal
4	10304.7600	34.06	-39.09	38.84	-61.45	-25.00	36.45	169	0	Horizontal
5	12880.9500	31.50	-37.06	39.71	-61.11	-25.00	36.11	291	214	Horizontal
6	15457.1400	30.35	-34.57	38.63	-60.85	-25.00	35.85	154	0	Horizontal

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3738.75	42.79	-45.66	30.11	-68.02	-25.00	43.02	245	317	Vertical
2	5152.3800	41.41	-45.32	32.96	-66.21	-25.00	41.21	148	91	Vertical
3	7728.5700	39.36	-42.89	36.64	-62.15	-25.00	37.15	175	357	Vertical
4	10304.7600	34.02	-39.09	38.84	-61.49	-25.00	36.49	142	331	Vertical
5	12880.9500	31.76	-37.06	39.71	-60.85	-25.00	35.85	136	303	Vertical
6	15457.1400	30.38	-34.57	38.63	-60.82	-25.00	35.82	258	165	Vertical



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Test Band = LTE Band38_CA_ TM1

Test Channel = High ANTO

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4038	43.42	-45.93	30.86	-66.92	-25.00	41.92	211	227	Horizontal
2	5162.5800	40.95	-45.31	32.97	-66.65	-25.00	41.65	145	273	Horizontal
3	7743.8700	39.63	-42.76	36.67	-61.72	-25.00	36.72	188	17	Horizontal
4	10325.1600	33.85	-39.07	38.84	-61.64	-25.00	36.64	196	346	Horizontal
5	12906.4500	32.18	-37.12	39.74	-60.47	-25.00	35.47	184	287	Horizontal
6	15487.7400	28.58	-35.15	38.59	-63.24	-25.00	38.24	175	152	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3789	42.93	-45.87	30.29	-67.91	-25.00	42.91	214	300	Vertical
2	5162.5800	41.14	-45.31	32.97	-66.46	-25.00	41.46	153	226	Vertical
3	7743.8700	40.21	-42.76	36.67	-61.14	-25.00	36.14	263	105	Vertical
4	10325.1600	34.16	-39.07	38.84	-61.33	-25.00	36.33	261	8	Vertical
5	12906.4500	32.01	-37.12	39.74	-60.64	-25.00	35.64	154	31	Vertical
6	15487.7400	29.07	-35.15	38.59	-62.75	-25.00	37.75	188	255	Vertical



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Test Band = LTE Band38_CA_TM1

Test Channel = Low ANT4

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.1800	41.74	-45.33	32.96	-65.89	-25.00	40.89	214	30	Horizontal
2	7713.2700	39.48	-43.01	36.61	-62.18	-25.00	37.18	156	3	Horizontal
3	10284.3600	34.35	-39.15	38.83	-61.23	-25.00	36.23	236	165	Horizontal
4	12855.4500	31.47	-36.99	39.69	-61.09	-25.00	36.09	259	256	Horizontal
5	15426.5400	30.21	-33.99	38.67	-60.37	-25.00	35.37	191	270	Horizontal
6	17997.6300	31.85	-34.58	42.23	-55.75	-25.00	30.75	175	90	Horizontal

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.1800	40.47	-45.33	32.96	-67.16	-25.00	42.16	241	226	Vertical
2	7713.2700	39.81	-43.01	36.61	-61.85	-25.00	36.85	175	240	Vertical
3	10284.3600	33.86	-39.15	38.83	-61.72	-25.00	36.72	145	226	Vertical
4	12855.4500	31.23	-36.99	39.69	-61.33	-25.00	36.33	126	0	Vertical
5	15426.5400	31.01	-33.99	38.67	-59.57	-25.00	34.57	155	0	Vertical
6	17997.6300	31.76	-34.58	42.23	-55.84	-25.00	30.84	182	121	Vertical



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Test Band = LTE Band38_CA_TM1

Test Channel = Mid ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3945	43.55	-46.17	30.67	-67.21	-25.00	42.21	211	346	Horizontal
2	5152.3800	40.56	-45.32	32.96	-67.06	-25.00	42.06	142	1	Horizontal
3	7728.5700	39.17	-42.89	36.64	-62.34	-25.00	37.34	158	0	Horizontal
4	10304.7600	33.29	-39.09	38.84	-62.22	-25.00	37.22	186	287	Horizontal
5	12880.9500	31.12	-37.06	39.71	-61.49	-25.00	36.49	236	106	Horizontal
6	15457.1400	29.67	-34.57	38.63	-61.53	-25.00	36.53	165	227	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3811.5	43.13	-45.96	30.36	-67.73	-25.00	42.73	147	319	Vertical
2	5152.3800	40.88	-45.32	32.96	-66.74	-25.00	41.74	185	0	Vertical
3	7728.5700	39.35	-42.89	36.64	-62.16	-25.00	37.16	169	0	Vertical
4	10304.7600	34.24	-39.09	38.84	-61.27	-25.00	36.27	192	91	Vertical
5	12880.9500	31.61	-37.06	39.71	-61.00	-25.00	36.00	147	303	Vertical
6	15457.1400	29.64	-34.57	38.63	-61.56	-25.00	36.56	175	17	Vertical



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Test Band = LTE Band38_CA_TM1**Test Channel = High ANT4****Data List**

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3794.25	43.33	-45.90	30.31	-67.52	-25.00	42.52	126	181	Horizontal
2	5162.5800	40.36	-45.31	32.97	-67.24	-25.00	42.24	235	0	Horizontal
3	7743.8700	39.39	-42.76	36.67	-61.96	-25.00	36.96	145	135	Horizontal
4	10325.1600	34.33	-39.07	38.84	-61.16	-25.00	36.16	122	299	Horizontal
5	12906.4500	32.01	-37.12	39.74	-60.64	-25.00	35.64	185	330	Horizontal
6	15487.7400	28.45	-35.15	38.59	-63.37	-25.00	38.37	172	255	Horizontal

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3979.5	43.32	-46.09	30.75	-67.28	-25.00	42.28	211	209	Vertical
2	5162.5800	40.49	-45.31	32.97	-67.11	-25.00	42.11	145	1	Vertical
3	7743.8700	39.78	-42.76	36.67	-61.57	-25.00	36.57	126	225	Vertical
4	10325.1600	34.54	-39.07	38.84	-60.95	-25.00	35.95	258	299	Vertical
5	12906.4500	31.96	-37.12	39.74	-60.69	-25.00	35.69	186	7	Vertical
6	15487.7400	28.32	-35.15	38.59	-63.50	-25.00	38.50	236	270	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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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	VH	NT	7.50	0.002901	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	VL	NT	10.20	0.003946	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	VN	NT	8.30	0.003211	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	-30	12.10	0.004681	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	-20	11.90	0.004603	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	-10	11.50	0.004449	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	0	11.70	0.004526	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	10	9.60	0.003714	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	20	10.60	0.004100	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	30	7.30	0.002824	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	40	9.70	0.003752	PASS
38-38	20MHz -20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	NV	50	8.30	0.004256	PASS

---End of Attachment---



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