



Report No.: SEWM2306000194RG01

Rev.: 01

Page: 1 of 40

Appendix B.9

LTE Band 17



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant13:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.69	16.34	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.59	16.24	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.49	16.14	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.46	15.11	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.52	16.17	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.42	16.07	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.23	15.88	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.22	14.87	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.39	16.04	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.24	15.89	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.12	15.77	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.14	14.79	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.90	15.55	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.72	15.37	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.51	15.16	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.44	14.09	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.68	15.33	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.58	15.23	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.40	15.05	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.24	13.89	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.46	15.11	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.41	15.06	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.19	14.84	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.13	13.78	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.72	14.37	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.61	14.26	34.77	PASS



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Report No.: SEWM2306000194RG01

Rev.: 01

Page: 3 of 40

Band17	5MHz	64QAM	23755	1RB#24	21.50	14.15	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.41	13.06	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.47	14.12	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.43	14.08	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	21.26	13.91	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.22	12.87	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.51	14.16	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.28	13.93	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.14	13.79	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	20.12	12.77	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.71	16.36	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.46	16.11	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.16	15.81	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.27	14.92	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.60	16.25	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.40	16.05	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.05	15.70	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.23	14.88	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.52	16.17	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.32	15.97	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.05	15.70	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.20	14.85	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.83	15.48	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.58	15.23	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.35	15.00	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.26	13.91	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.78	15.43	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.48	15.13	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.27	14.92	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.19	13.84	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.67	15.32	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.51	15.16	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.23	14.88	34.77	PASS



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Report No.: SEWM2306000194RG01

Rev.: 01

Page: 4 of 40

Band17	10MHz	16QAM	23800	50RB#0	21.13	13.78	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.75	14.40	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.48	14.13	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.12	13.77	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.22	12.87	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.60	14.25	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.48	14.13	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.11	13.76	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.18	12.83	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.61	14.26	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.36	14.01	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.01	13.66	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.12	12.77	34.77	PASS



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Rev.: 01
Page: 5 of 40

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	5.08	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.08	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.14	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.90	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.86	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.96	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.18	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.14	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.14	13	PASS

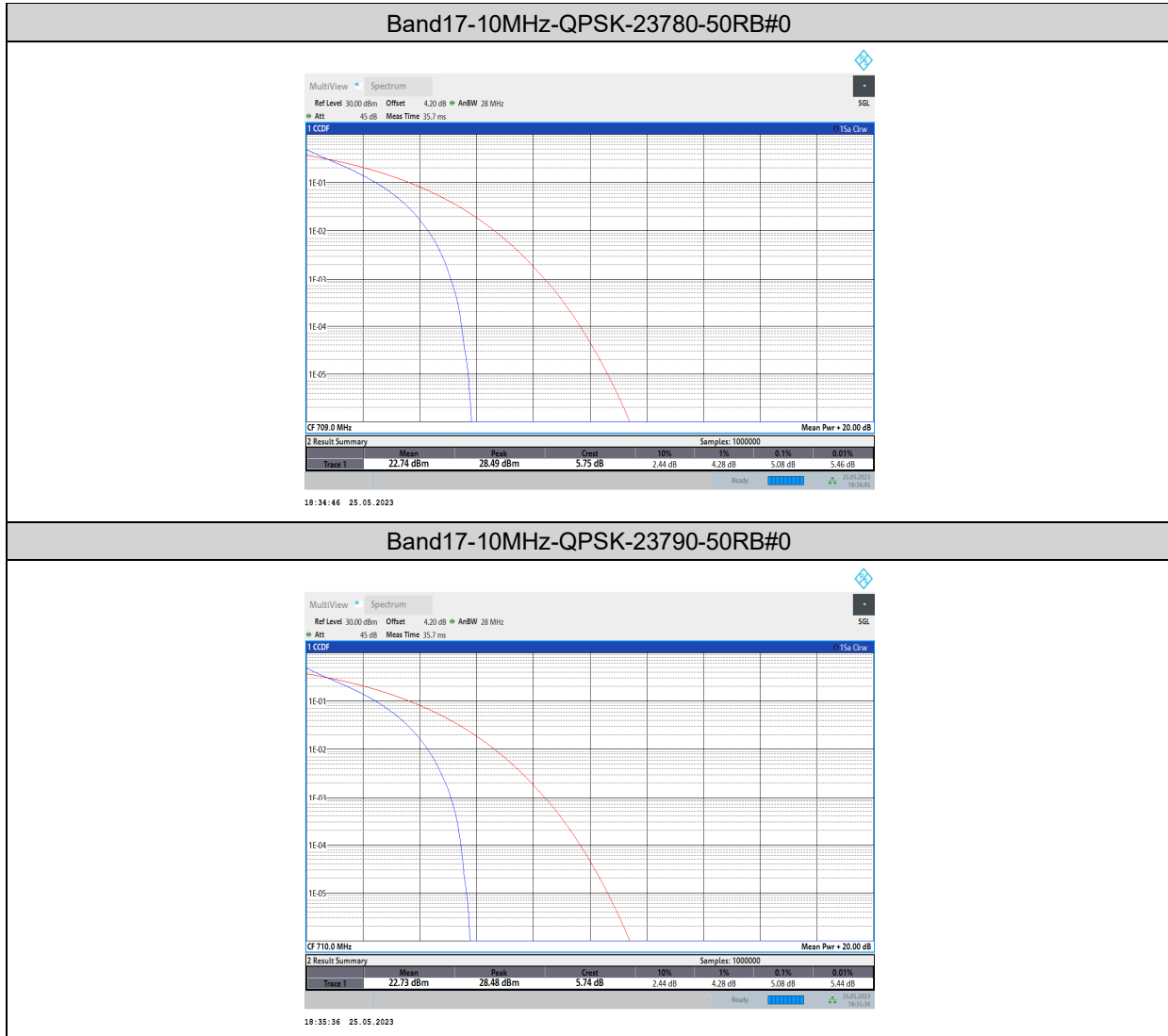


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Test Graphs



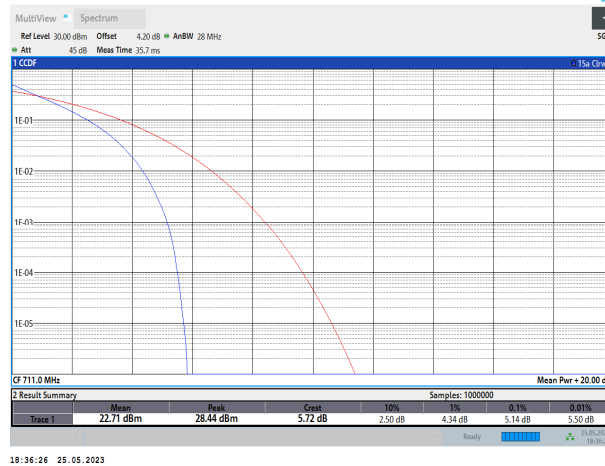
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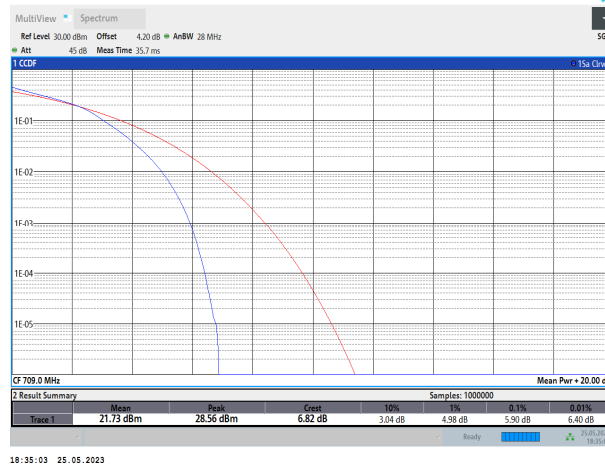
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Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-50RB#0

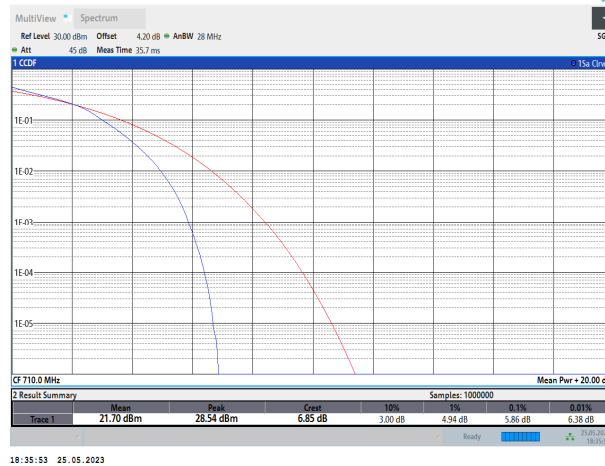


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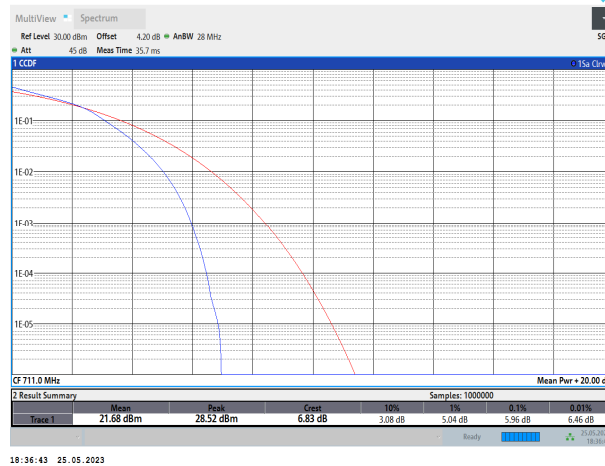
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Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-50RB#0

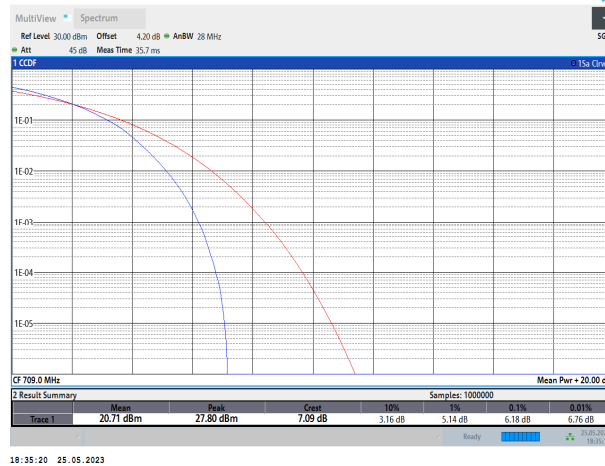


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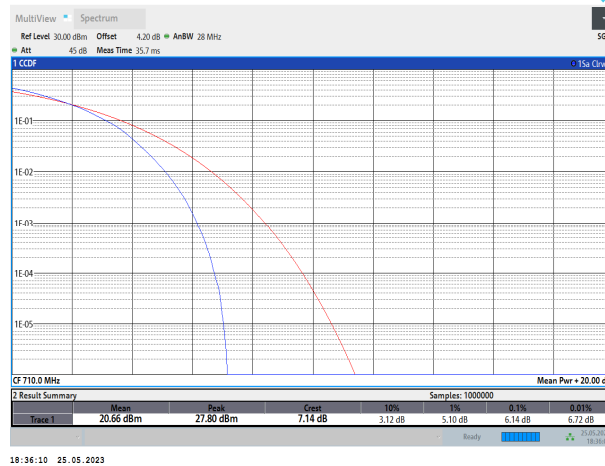
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Page: 9 of 40

Band17-10MHz-64QAM-23780-50RB#0



Band17-10MHz-64QAM-23790-50RB#0



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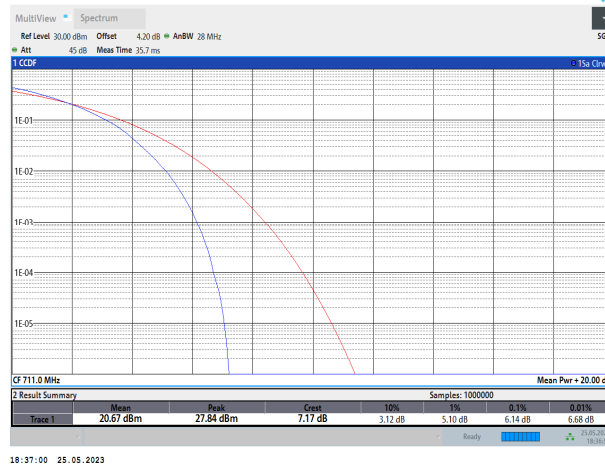


Report No.: SEWM2306000194RG01

Rev.: 01

Page: 10 of 40

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Report No.: SEWM2306000194RG01

Rev.: 01

Page: 11 of 40

Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band17	10MHz	QPSK	23790	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23790	50RB#0	PASS	PASS
Band17	10MHz	64QAM	23790	50RB#0	PASS	PASS

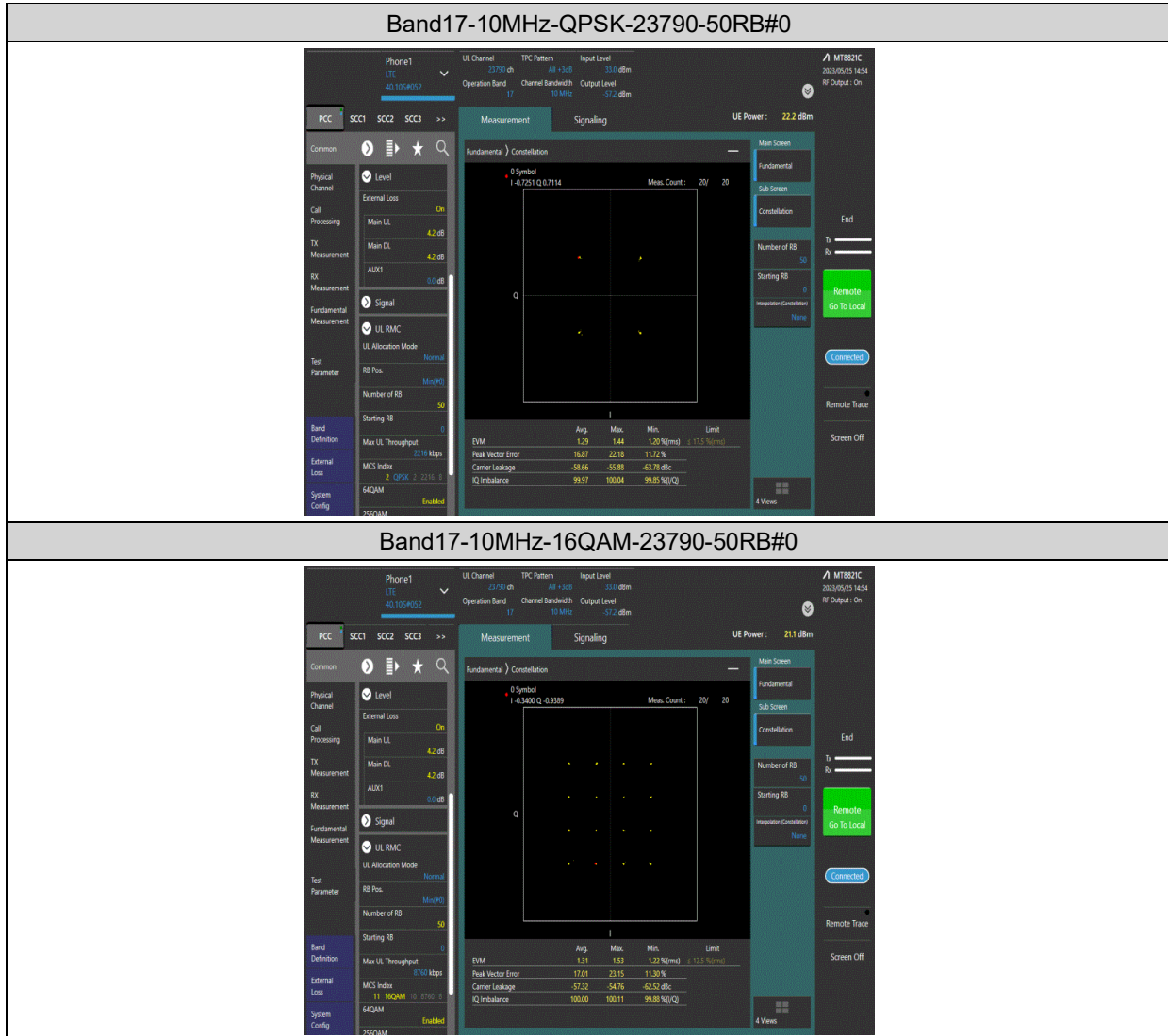


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Test Graphs



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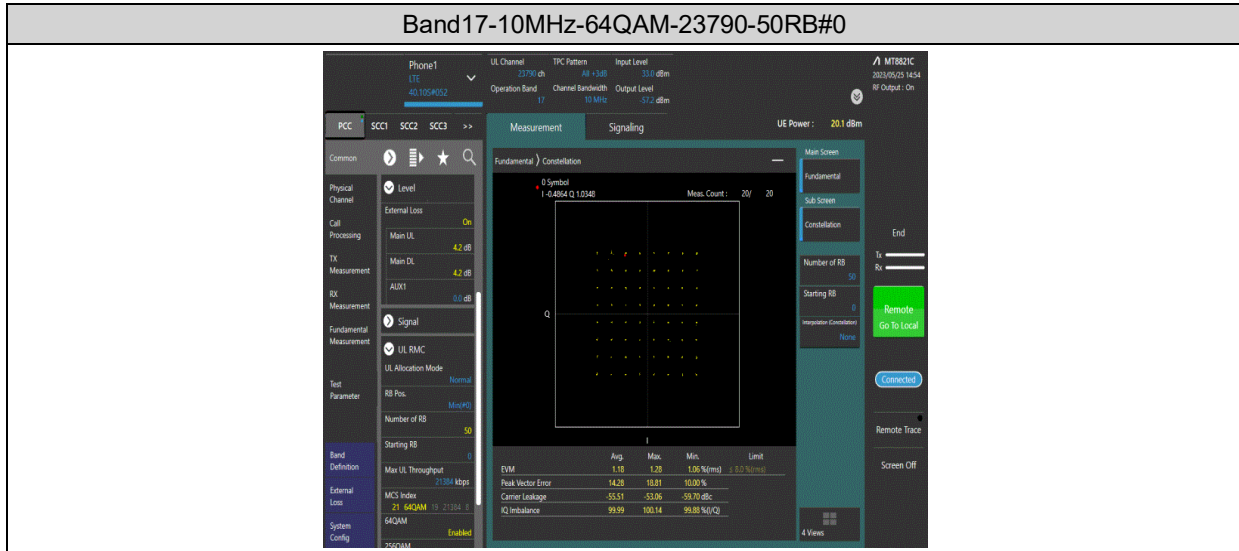
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Band17-10MHz-64QAM-23790-50RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.458	4.80	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.475	4.79	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.469	4.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.479	4.76	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.479	4.89	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.471	4.87	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.471	4.87	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.480	4.87	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.459	4.82	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.953	9.47	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.903	9.43	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.935	9.57	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.951	9.53	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.922	9.53	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.924	9.47	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.927	9.63	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.933	9.63	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.944	9.60	PASS



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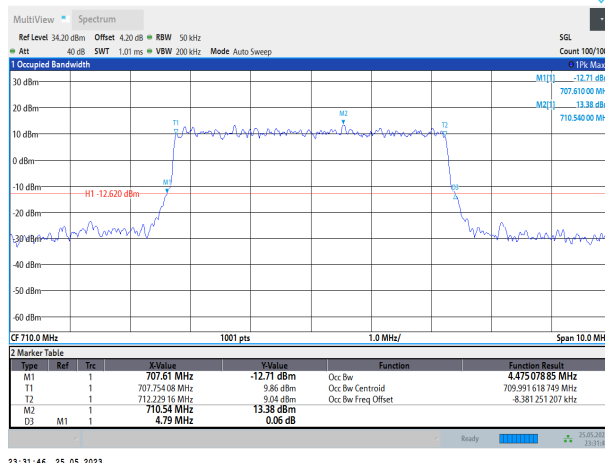
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Test Graphs

Band17-5MHz-QPSK-23755-25RB#0



Band17-5MHz-QPSK-23790-25RB#0



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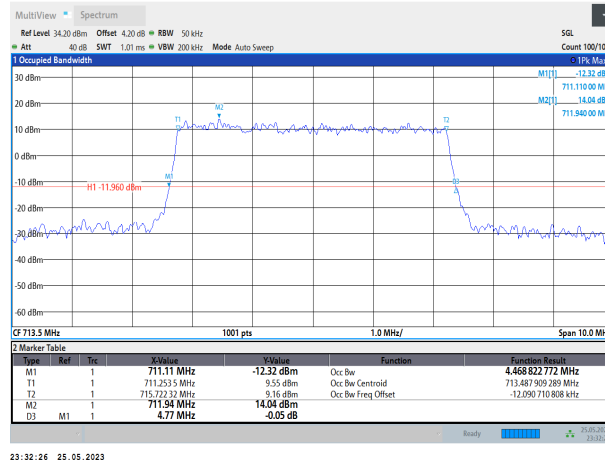
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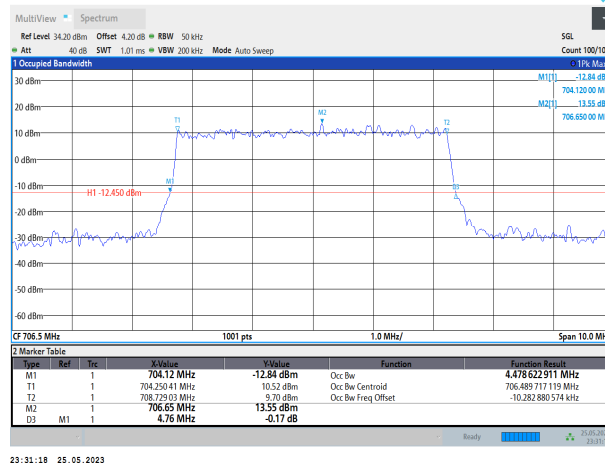
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Band17-5MHz-16QAM-23755-25RB#0

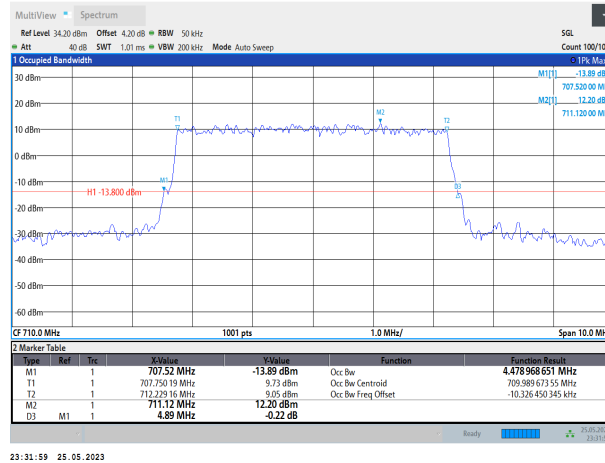


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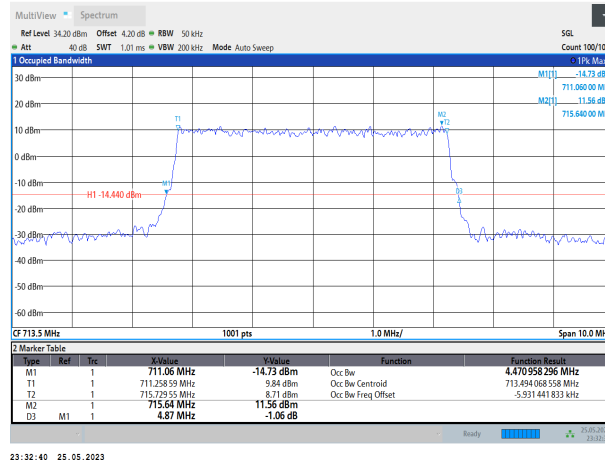
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Band17-5MHz-16QAM-23790-25RB#0



Band17-5MHz-16QAM-23825-25RB#0



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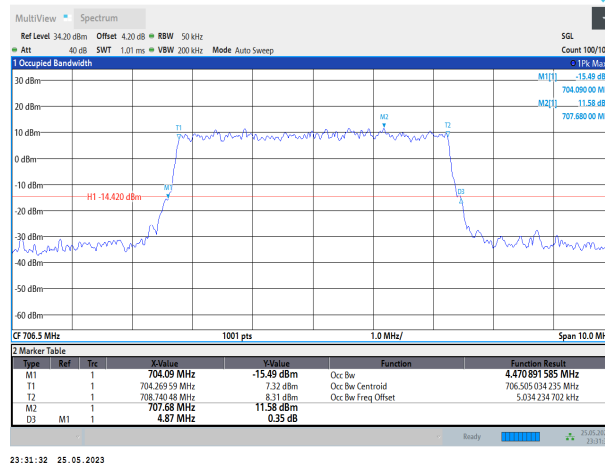
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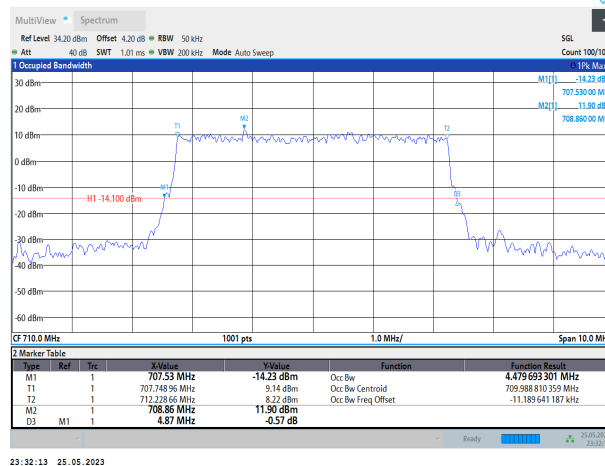
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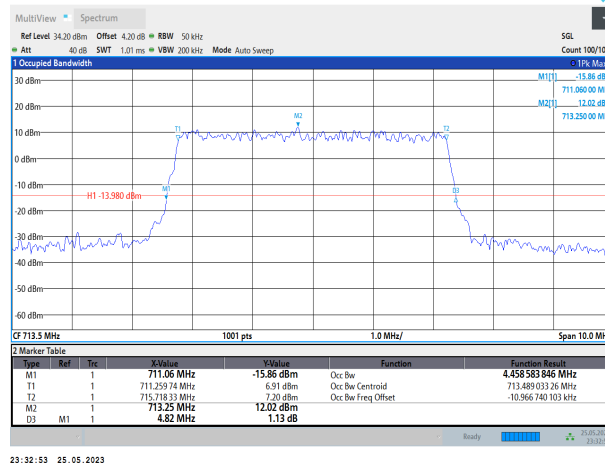
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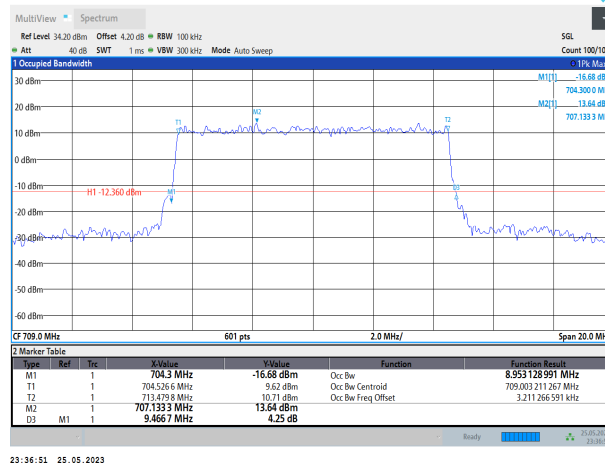
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Band17-10MHz-QPSK-23780-50RB#0



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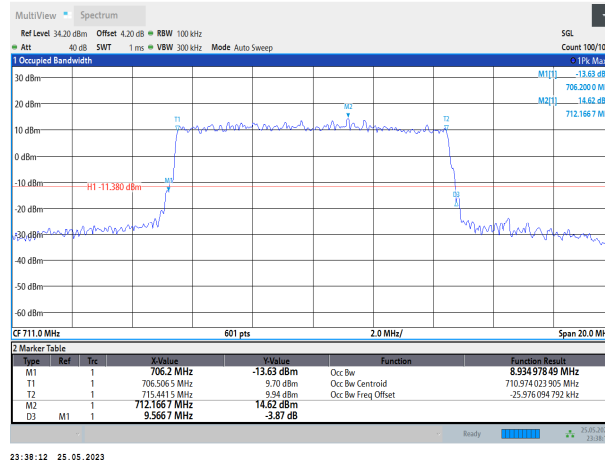
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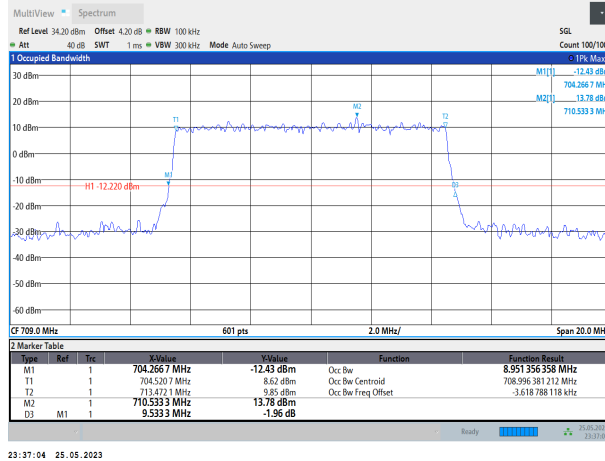
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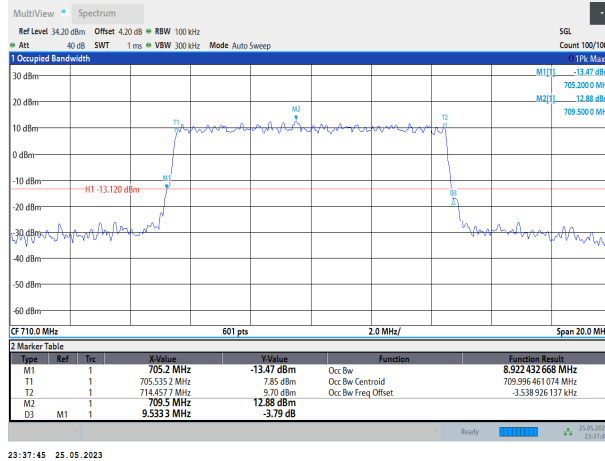
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Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23790-50RB#0



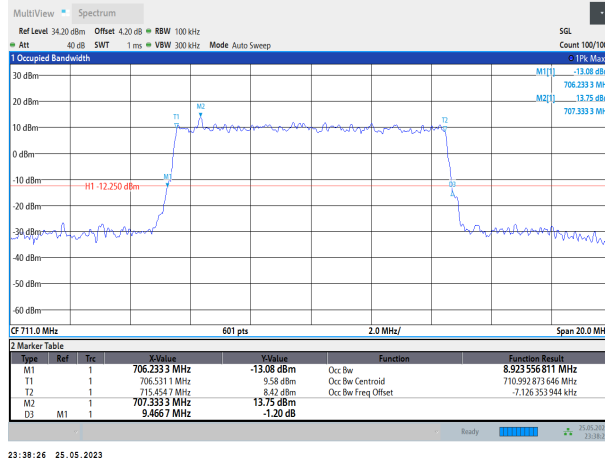
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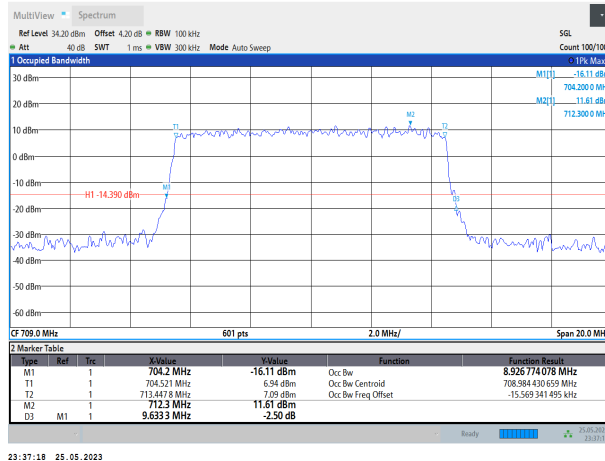
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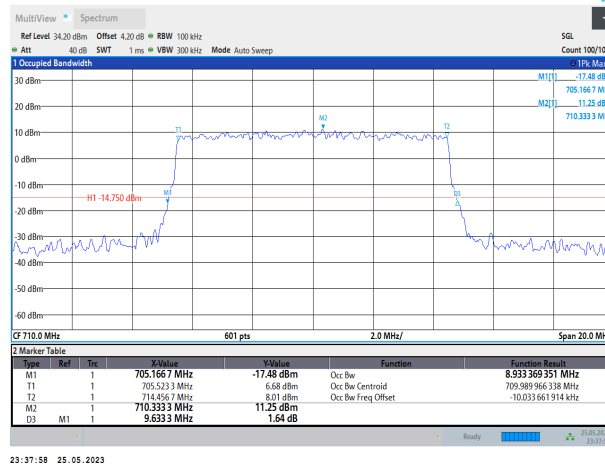


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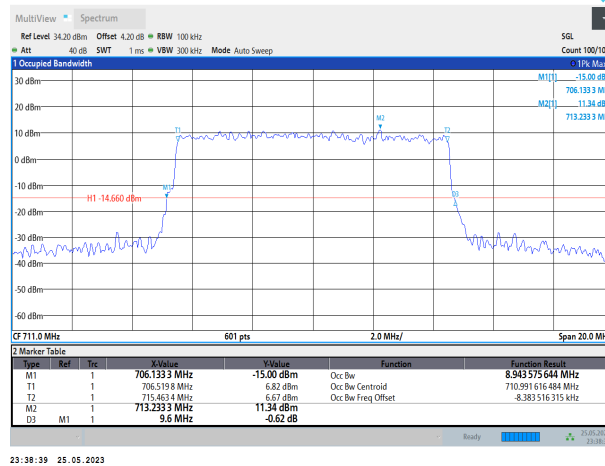
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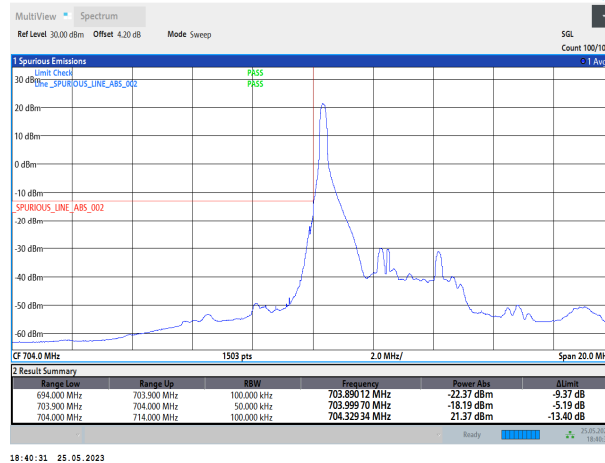
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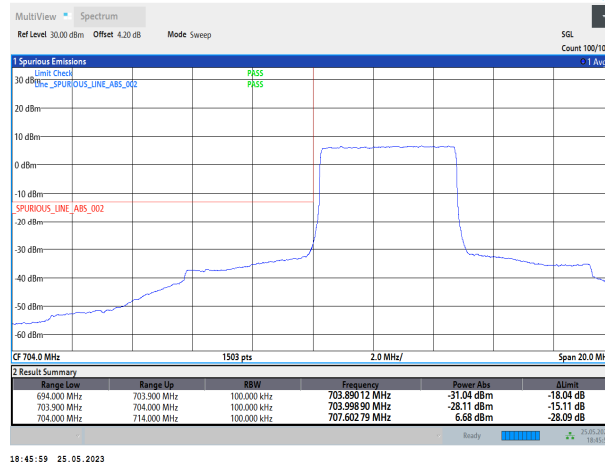
Band Edge

Test Graphs

Band17-5MHz-QPSK-23755-1RB#0



Band17-5MHz-QPSK-23755-25RB#0



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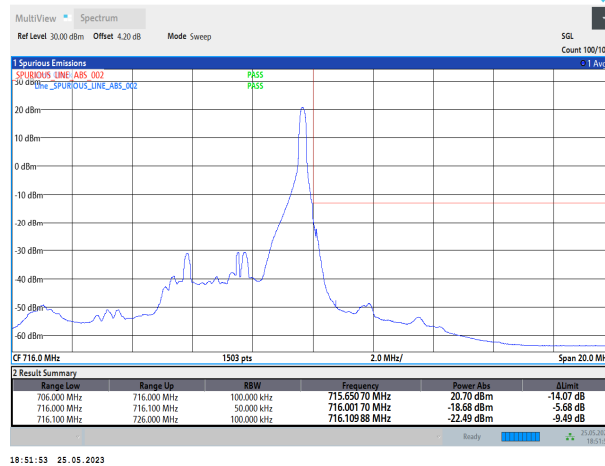
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Report No.: SEWM2306000194RG01

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Band17-5MHz-QPSK-23825-1RB#24



Band17-5MHz-QPSK-23825-25RB#0



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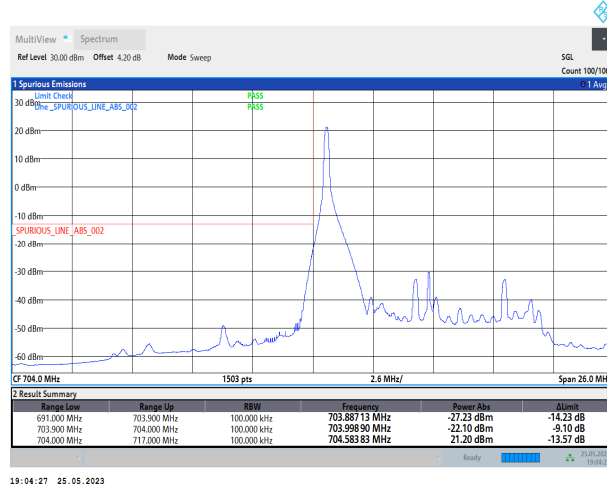
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Report No.: SEWM2306000194RG01

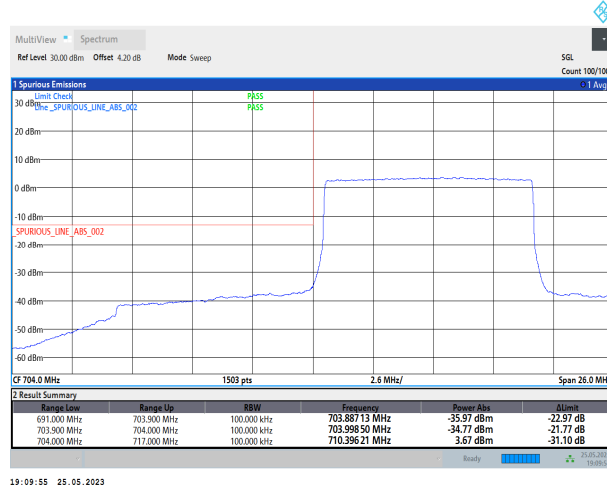
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Band17-10MHz-QPSK-23780-1RB#0



Band17-10MHz-QPSK-23780-50RB#0



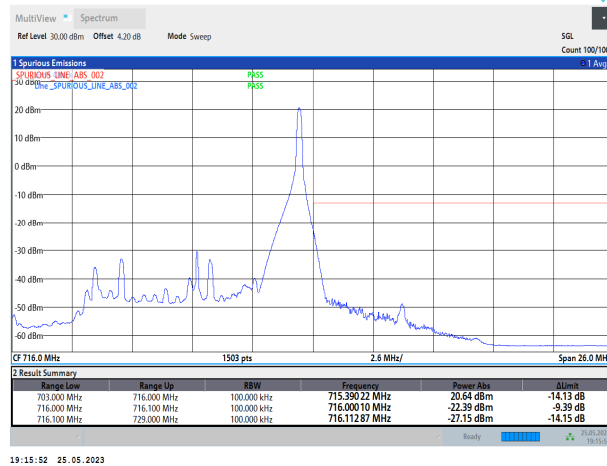
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Band17-10MHz-QPSK-23800-1RB#49



Band17-10MHz-QPSK-23800-50RB#0



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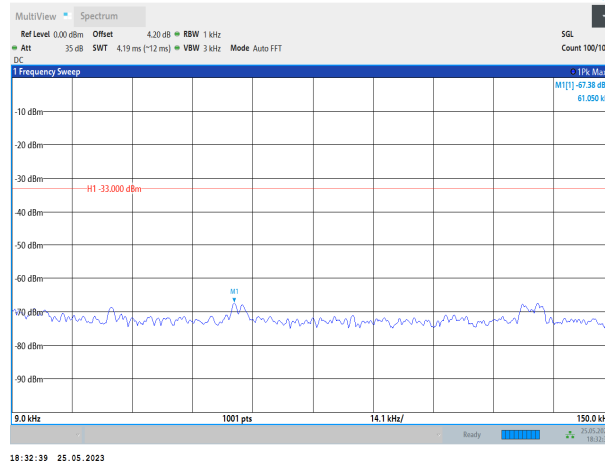
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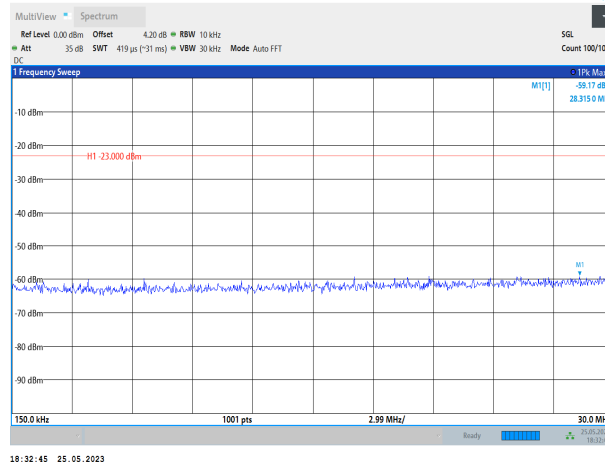
Conducted Spurious Emission

Test Graphs

Band17-10MHz-QPSK-23780-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz



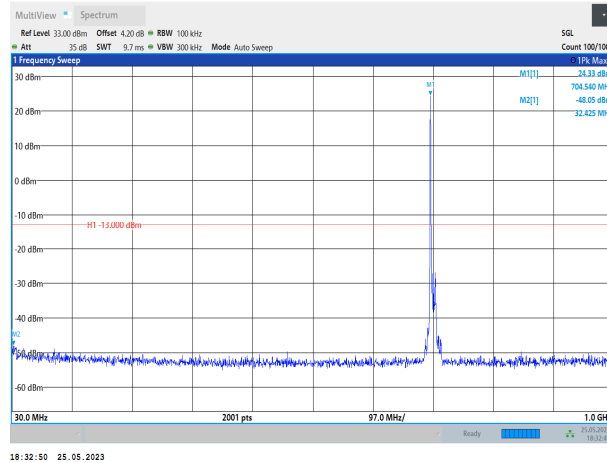
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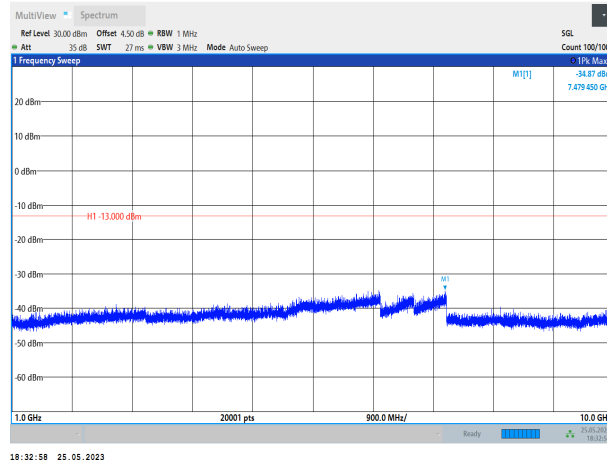
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Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz



Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz



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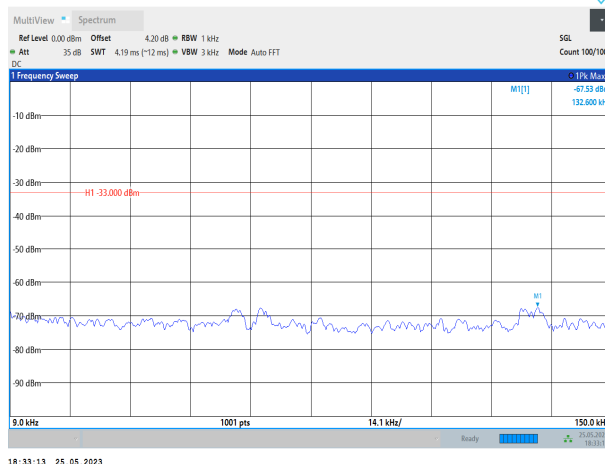
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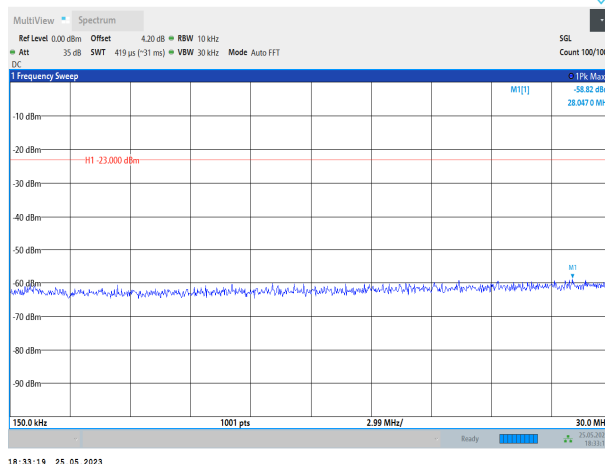
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Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



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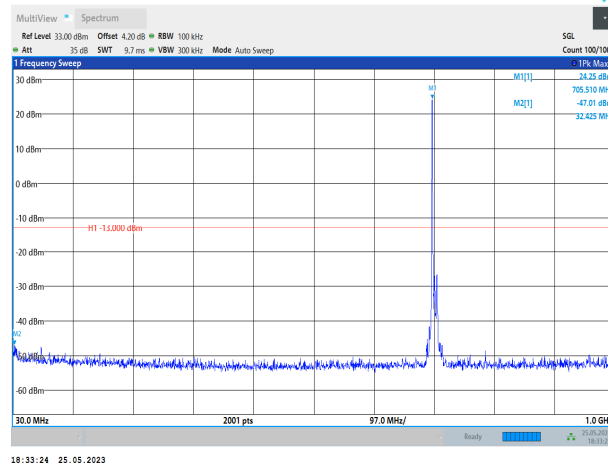
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Report No.: SEWM2306000194RG01

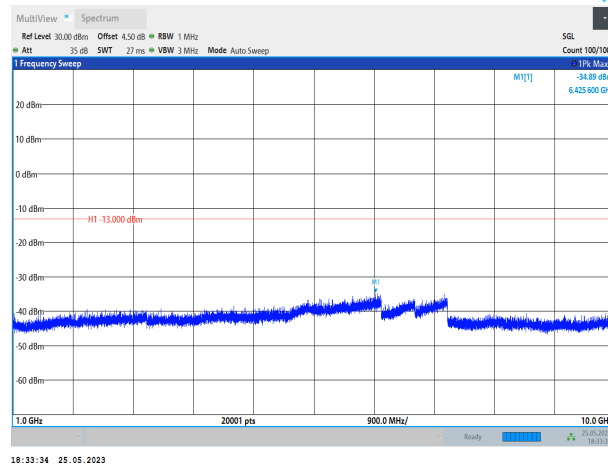
Rev.: 01

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Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



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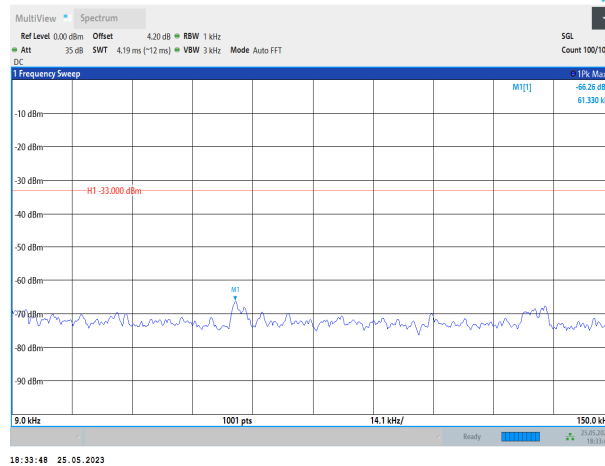
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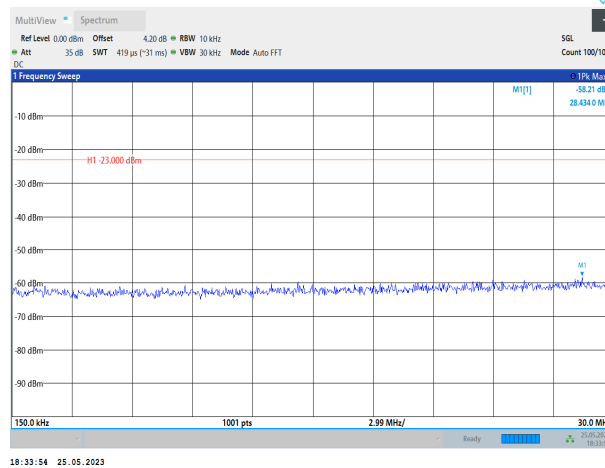
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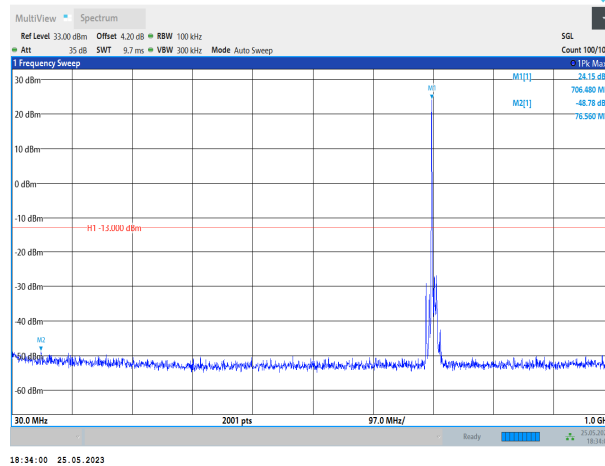


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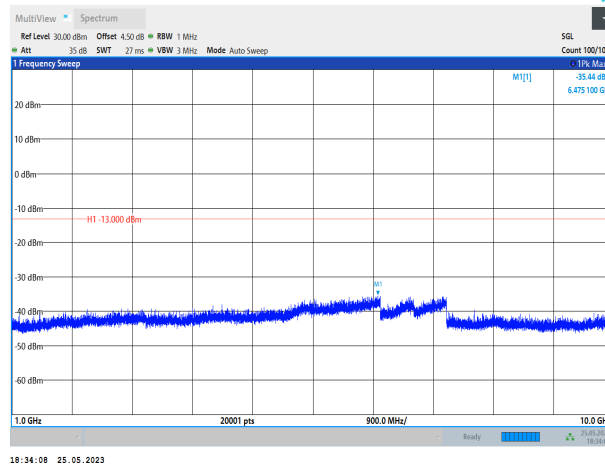
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Field Strength of Spurious Radiation

Test Band = LTE Band 17_ TM1_ Ant13

Test Channel = Low Channel_10MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1409.18	64.51	-48.71	25.41	-54.05	-13.00	41.05	174	60	Horizontal
2	2113.77	42.30	-47.86	27.13	-73.69	-13.00	60.69	289	200	Horizontal
3	2818.36	41.90	-46.70	28.98	-71.08	-13.00	58.08	237	325	Horizontal
4	3522.95	41.31	-46.02	29.46	-70.52	-13.00	57.52	147	350	Horizontal
5	4227.54	40.51	-45.11	30.96	-68.90	-13.00	55.90	159	247	Horizontal
6	4932.13	40.59	-45.10	32.44	-67.34	-13.00	54.34	286	138	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1409.18	58.42	-48.71	25.41	-60.14	-13.00	47.14	271	20	Vertical
2	2113.77	41.17	-47.86	27.13	-74.82	-13.00	61.82	154	268	Vertical
3	2818.36	41.73	-46.70	28.98	-71.25	-13.00	58.25	163	145	Vertical
4	3522.95	40.83	-46.02	29.46	-71.00	-13.00	58.00	209	20	Vertical
5	4227.54	40.06	-45.11	30.96	-69.35	-13.00	56.35	285	35	Vertical
6	4932.13	40.37	-45.10	32.44	-67.56	-13.00	54.56	148	83	Vertical



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Test Band = LTE Band 17_ TM1_ Ant13
Test Channel = Mid Channel_10MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.1111	67.60	-48.70	25.41	-50.95	-13.00	37.95	142	47	Horizontal
2	2116.77	41.24	-47.86	27.13	-74.74	-13.00	61.74	239	359	Horizontal
3	2822.36	42.43	-46.71	29.00	-70.54	-13.00	57.54	282	219	Horizontal
4	3527.95	42.00	-46.02	29.47	-69.81	-13.00	56.81	164	236	Horizontal
5	4233.54	40.75	-45.11	30.97	-68.65	-13.00	55.65	172	125	Horizontal
6	4939.13	40.70	-45.09	32.45	-67.20	-13.00	54.20	209	360	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.1111	64.74	-48.70	25.41	-53.81	-13.00	40.81	129	110	Vertical
2	2116.77	41.04	-47.86	27.13	-74.94	-13.00	61.94	185	172	Vertical
3	2822.36	42.30	-46.71	29.00	-70.67	-13.00	57.67	168	172	Vertical
4	3527.95	41.22	-46.02	29.47	-70.59	-13.00	57.59	247	357	Vertical
5	4233.54	40.68	-45.11	30.97	-68.72	-13.00	55.72	309	126	Vertical
6	4939.13	39.77	-45.09	32.45	-68.13	-13.00	55.13	284	141	Vertical



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Report No.: SEWM2306000194RG01

Rev.: 01

Page: 36 of 40

Test Band = LTE Band 17_ TM1_ Ant13

Test Channel = High Channel_10MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.3333	67.99	-48.70	25.41	-50.55	-13.00	37.55	128	31	Horizontal
2	2119.77	43.42	-47.85	27.14	-72.55	-13.00	59.55	271	285	Horizontal
3	2826.36	42.23	-46.71	29.01	-70.73	-13.00	57.73	194	314	Horizontal
4	3532.95	41.92	-46.01	29.48	-69.87	-13.00	56.87	203	345	Horizontal
5	4239.54	41.30	-45.11	30.98	-68.09	-13.00	55.09	266	221	Horizontal
6	4946.13	39.93	-45.09	32.47	-67.94	-13.00	54.94	179	63	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.18	61.59	-48.70	25.41	-56.95	-13.00	43.95	131	266	Vertical
2	2119.77	41.19	-47.85	27.14	-74.78	-13.00	61.78	289	126	Vertical
3	2826.36	42.18	-46.71	29.01	-70.78	-13.00	57.78	174	237	Vertical
4	3532.95	41.86	-46.01	29.48	-69.93	-13.00	56.93	166	345	Vertical
5	4239.54	41.00	-45.11	30.98	-68.39	-13.00	55.39	298	345	Vertical
6	4946.13	40.47	-45.09	32.47	-67.40	-13.00	54.40	205	157	Vertical



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Test Band = LTE Band 17_ TM1_ Ant31

Test Channel = Low Channel_10MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1409.18	44.39	-48.71	25.41	-74.17	-13.00	61.17	137	3	Horizontal
2	2113.77	41.48	-47.86	27.13	-74.51	-13.00	61.51	269	3	Horizontal
3	2818.36	42.27	-46.70	28.98	-70.71	-13.00	57.71	178	78	Horizontal
4	3522.95	41.82	-46.02	29.46	-70.01	-13.00	57.01	168	15	Horizontal
5	4227.54	41.08	-45.11	30.96	-68.33	-13.00	55.33	241	352	Horizontal
6	4932.13	40.18	-45.10	32.44	-67.75	-13.00	54.75	163	94	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1409.18	44.54	-48.71	25.41	-74.02	-13.00	61.02	149	107	Vertical
2	2113.77	41.26	-47.86	27.13	-74.73	-13.00	61.73	287	345	Vertical
3	2818.36	42.59	-46.70	28.98	-70.39	-13.00	57.39	169	218	Vertical
4	3522.95	41.56	-46.02	29.46	-70.27	-13.00	57.27	234	2	Vertical
5	4227.54	41.25	-45.11	30.96	-68.16	-13.00	55.16	185	297	Vertical
6	4932.13	39.59	-45.10	32.44	-68.34	-13.00	55.34	167	31	Vertical



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Test Band = LTE Band 17_ TM1_ Ant31
Test Channel = Mid Channel_10MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.18	43.93	-48.70	25.41	-74.62	-13.00	61.62	148	186	Horizontal
2	2116.77	40.68	-47.86	27.13	-75.30	-13.00	62.30	246	76	Horizontal
3	2822.36	41.89	-46.71	29.00	-71.08	-13.00	58.08	138	312	Horizontal
4	3527.95	41.30	-46.02	29.47	-70.51	-13.00	57.51	294	248	Horizontal
5	4233.54	41.16	-45.11	30.97	-68.24	-13.00	55.24	147	360	Horizontal
6	4939.13	40.12	-45.09	32.45	-67.78	-13.00	54.78	251	45	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.18	44.26	-48.70	25.41	-74.29	-13.00	61.29	281	27	Vertical
2	2116.77	40.97	-47.86	27.13	-75.01	-13.00	62.01	177	2	Vertical
3	2822.36	42.48	-46.71	29.00	-70.49	-13.00	57.49	195	313	Vertical
4	3527.95	42.33	-46.02	29.47	-69.48	-13.00	56.48	246	1	Vertical
5	4233.54	41.36	-45.11	30.97	-68.04	-13.00	55.04	186	141	Vertical
6	4939.13	39.92	-45.09	32.45	-67.98	-13.00	54.98	201	186	Vertical



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Test Band = LTE Band 17_ TM1_ Ant31
Test Channel = High Channel_10MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.18	45.17	-48.70	25.41	-73.37	-13.00	60.37	152	217	Horizontal
2	2119.77	41.84	-47.85	27.14	-74.13	-13.00	61.13	234	328	Horizontal
3	2826.36	42.51	-46.71	29.01	-70.45	-13.00	57.45	187	313	Horizontal
4	3532.95	41.86	-46.01	29.48	-69.93	-13.00	56.93	191	352	Horizontal
5	4239.54	42.57	-45.11	30.98	-66.82	-13.00	53.82	245	266	Horizontal
6	4946.13	40.47	-45.09	32.47	-67.40	-13.00	54.40	168	251	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.18	44.91	-48.70	25.41	-73.63	-13.00	60.63	248	46	Vertical
2	2119.77	41.70	-47.85	27.14	-74.27	-13.00	61.27	191	0	Vertical
3	2826.36	41.86	-46.71	29.01	-71.10	-13.00	58.10	205	204	Vertical
4	3532.95	41.88	-46.01	29.48	-69.91	-13.00	56.91	167	17	Vertical
5	4239.54	41.19	-45.11	30.98	-68.20	-13.00	55.20	184	141	Vertical
6	4946.13	39.67	-45.09	32.47	-68.20	-13.00	55.20	238	298	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) - Preamplicifier (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
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-2.40	-0.003380	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-1.20	-0.001690	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-1.10	-0.001549	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	0.30	0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	1.00	0.001408	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-0.20	-0.000282	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-0.70	-0.000986	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-0.80	-0.001127	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-2.00	-0.002817	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1.20	-0.001690	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-0.30	-0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-0.80	-0.001127	PASS

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