

Report No.: SEWM2306000195RG01

Rev.: 01

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Appendix B.9

LTE Band 17



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.61	13.56	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.92	13.87	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.64	13.59	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	21.75	12.7	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.72	13.67	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.96	13.91	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.64	13.59	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.82	12.77	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.65	13.6	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.9	13.85	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.65	13.6	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.74	12.69	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.85	12.8	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.19	13.14	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.9	12.85	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.73	11.68	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	21.89	12.84	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.24	13.19	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.77	12.72	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.8	11.75	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.95	12.9	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.11	13.06	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.91	12.86	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.69	11.64	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	20.75	11.7	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.12	12.07	34.77	PASS



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Band17	5MHz	64QAM	23755	1RB#24	20.73	11.68	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	19.76	10.71	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	20.81	11.76	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.11	12.06	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	20.75	11.7	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	19.82	10.77	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	20.83	11.78	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.06	12.01	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	20.71	11.66	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	19.76	10.71	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.76	13.71	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.87	13.82	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.75	13.7	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.89	12.84	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.77	13.72	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.86	13.81	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.76	13.71	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.92	12.87	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.78	13.73	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.86	13.81	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.76	13.71	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.85	12.8	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	21.95	12.9	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.1	13.05	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.99	12.94	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	20.87	11.82	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.03	12.98	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.09	13.04	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.02	12.97	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	20.88	11.83	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	21.98	12.93	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.09	13.04	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.95	12.9	34.77	PASS



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Band17	10MHz	16QAM	23800	50RB#0	20.84	11.79	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	20.86	11.81	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21	11.95	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	20.88	11.83	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	19.89	10.84	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	20.98	11.93	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	20.98	11.93	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	20.9	11.85	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	19.93	10.88	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	20.93	11.88	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.01	11.96	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	20.88	11.83	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	19.86	10.81	34.77	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	5.46	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.46	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.44	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.08	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.16	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.10	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.24	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.28	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.22	13	PASS



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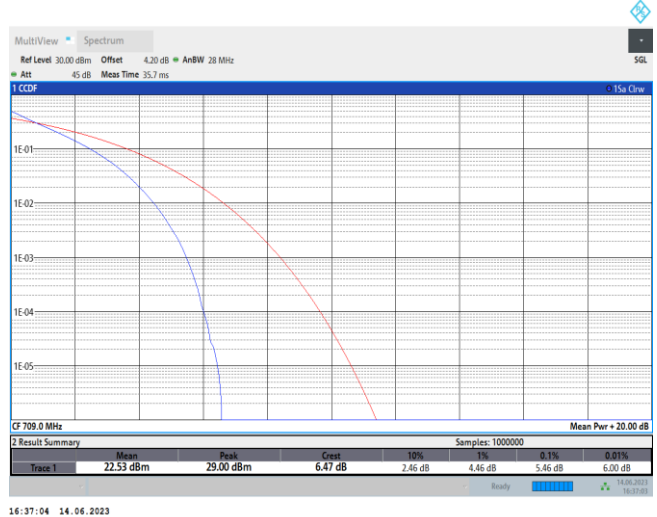
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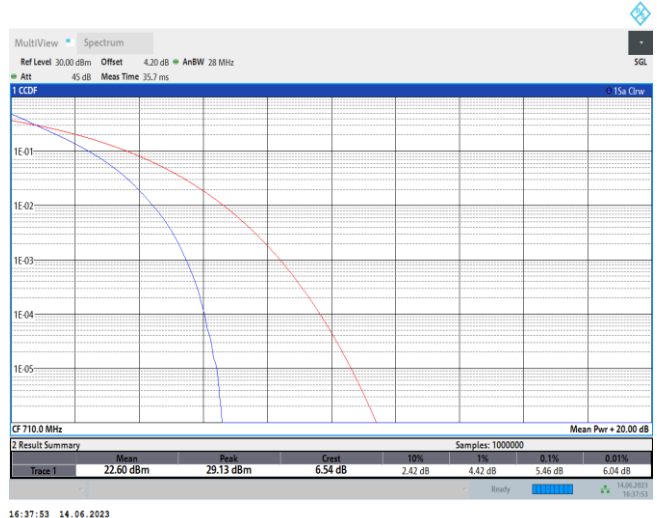
Test Graphs

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



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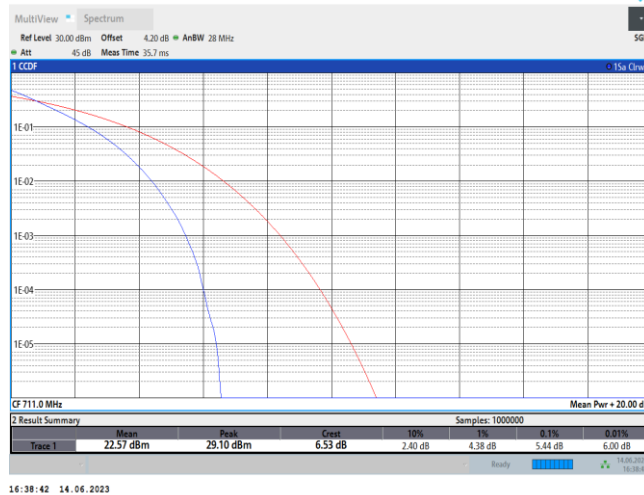
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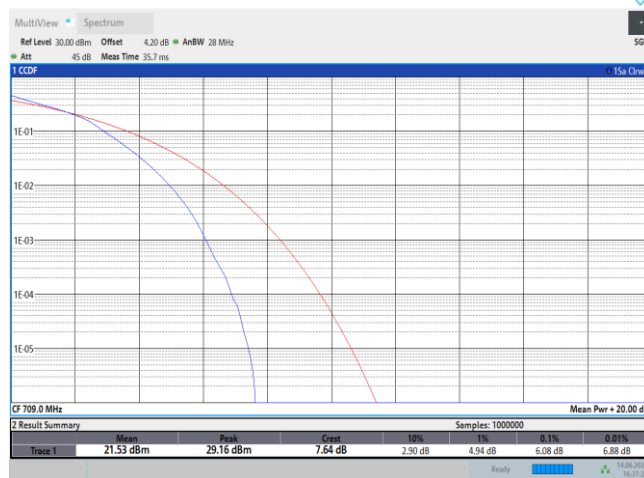


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Band17-10MHz-16QAM-23780-50RB#0



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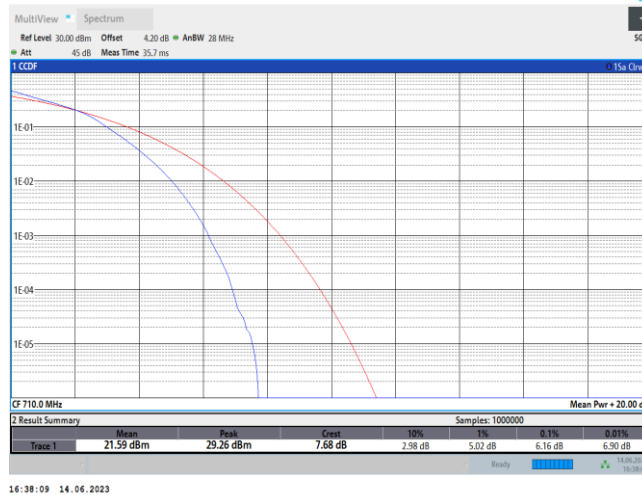
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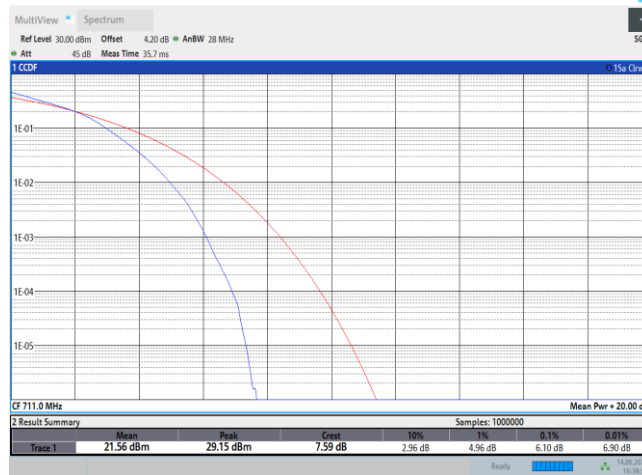
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Band17-10MHz-16QAM-23800-50RB#0



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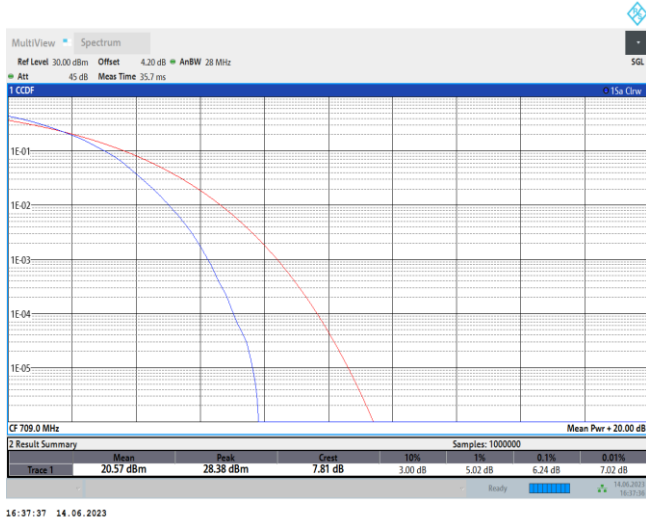
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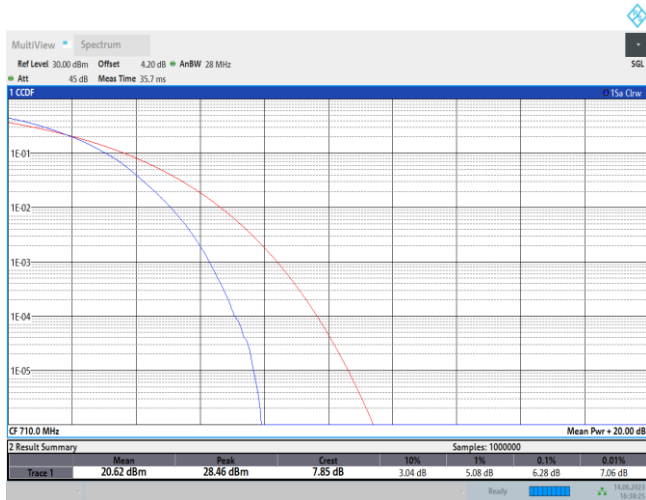
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Band17-10MHz-64QAM-23780-50RB#0



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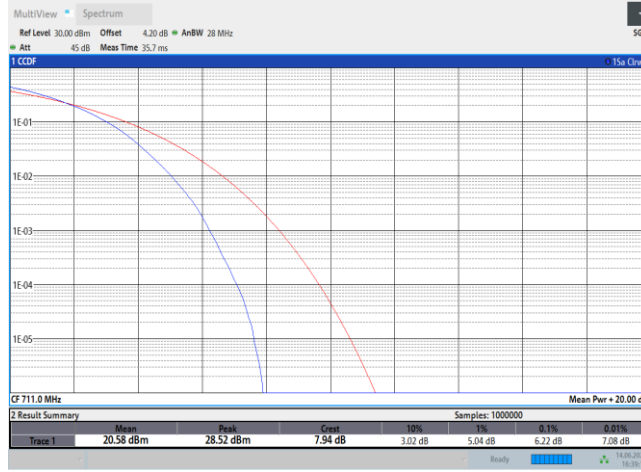


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Band17-10MHz-64QAM-23800-50RB#0



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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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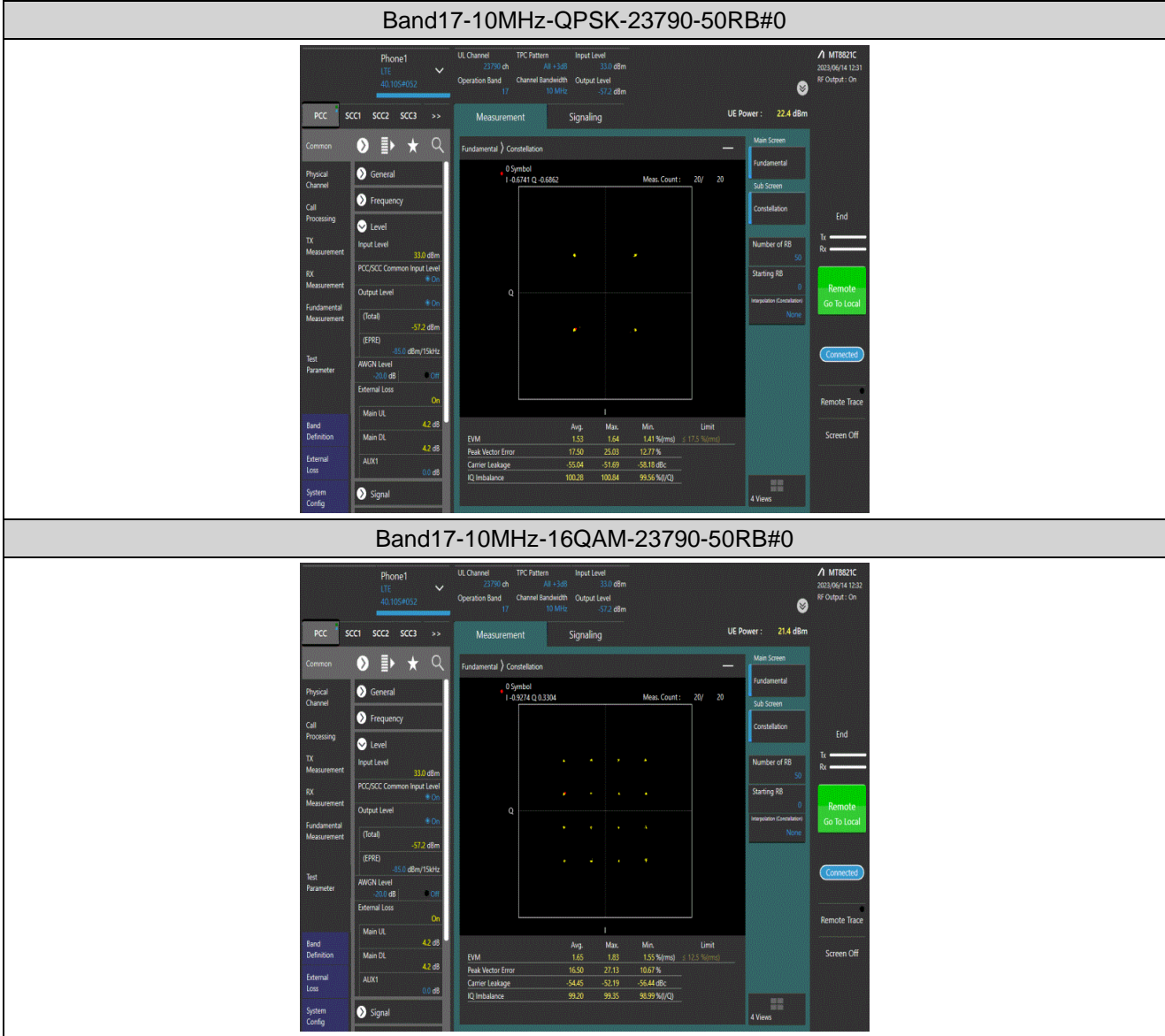
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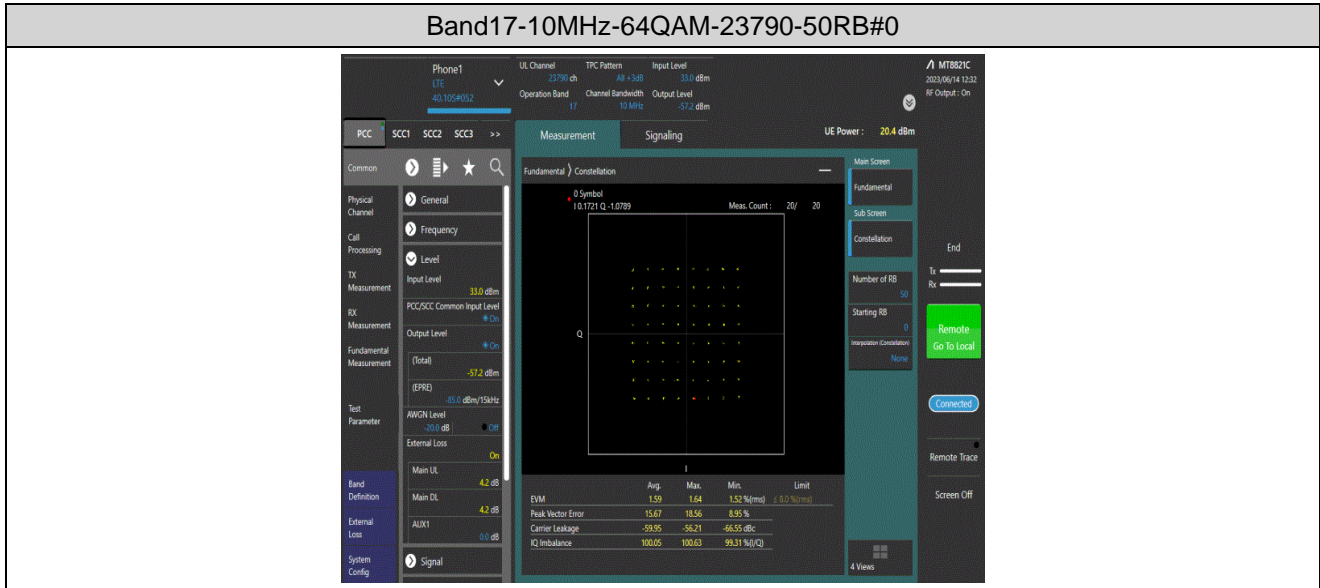
Test Graphs



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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	4.473	5.01	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.469	4.84	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.462	4.85	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.468	5.09	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.469	4.84	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.458	4.80	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.471	4.85	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.477	4.84	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.470	4.84	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.938	9.67	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.947	9.63	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.943	9.57	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.928	9.63	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.932	9.60	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.918	9.60	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.952	9.70	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.938	9.67	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.932	9.57	PASS



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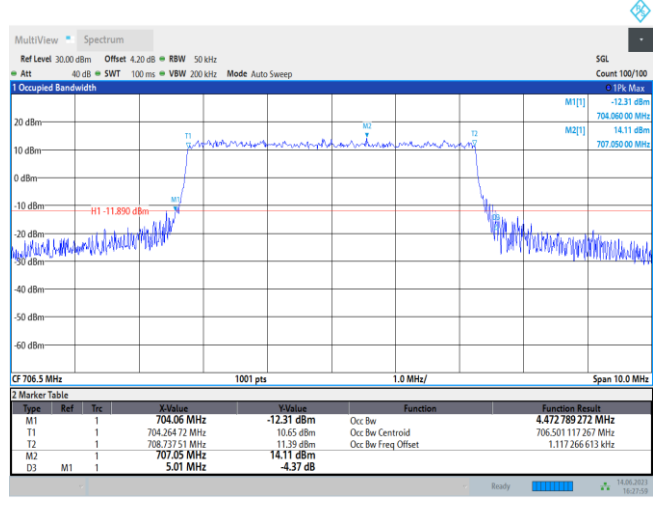
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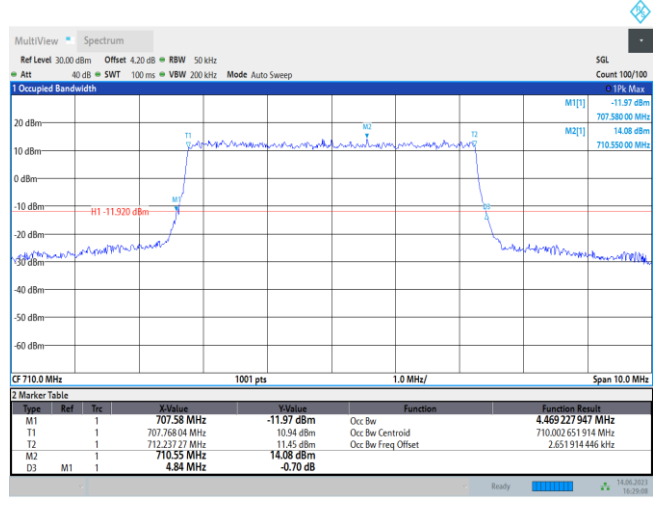
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Test Graphs

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



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



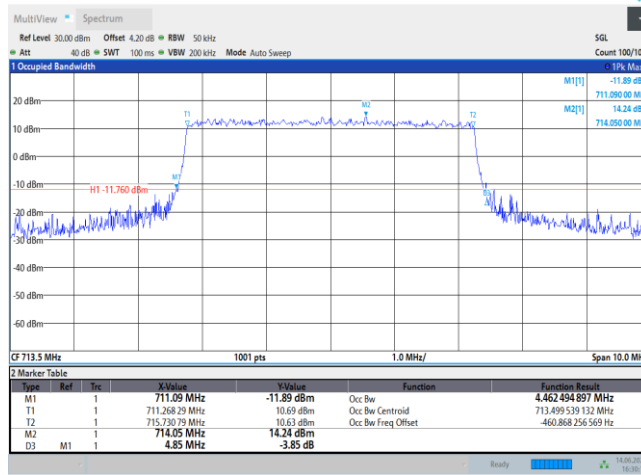
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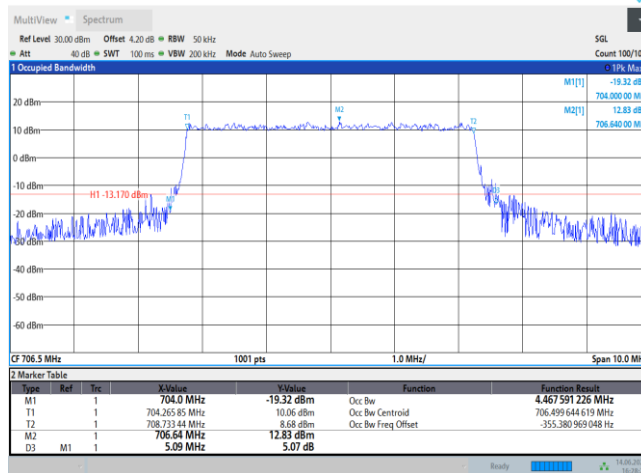
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Band17-5MHz-QPSK-23825-25RB#0



16:30:18 14.06.2023

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



16:28:22 14.06.2023

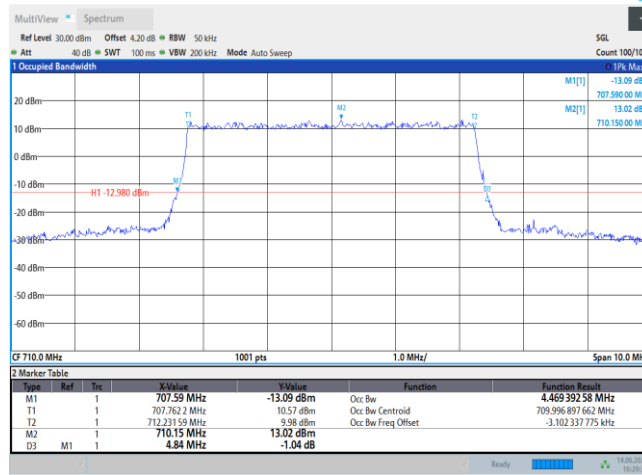


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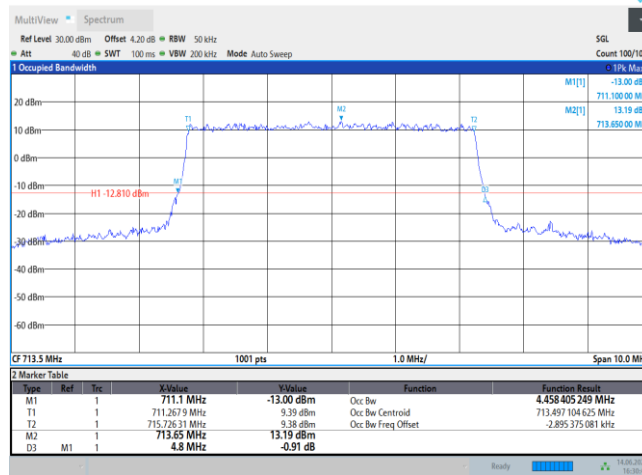
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Band17-5MHz-16QAM-23790-25RB#0



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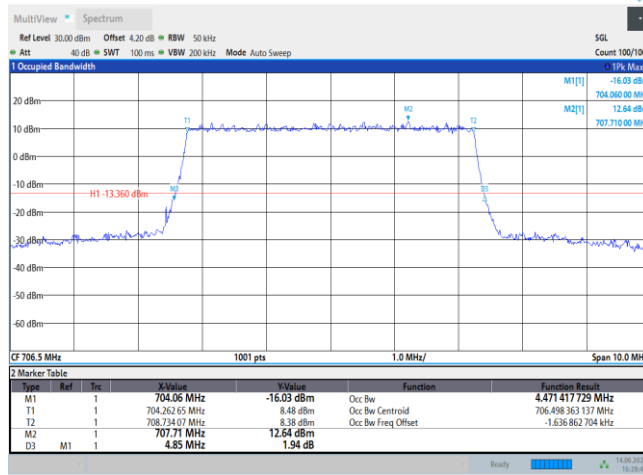
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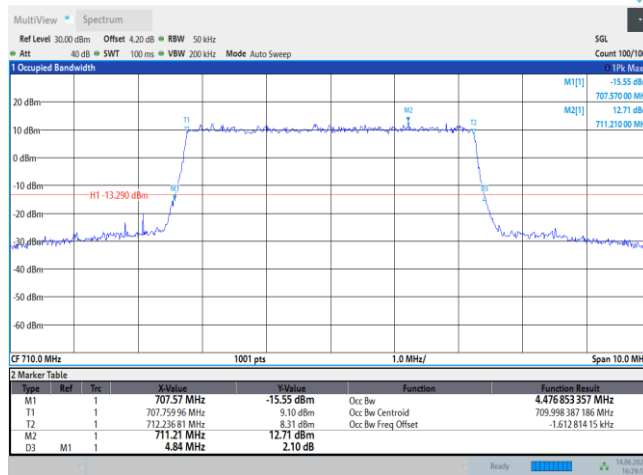


Band17-5MHz-64QAM-23755-25RB#0



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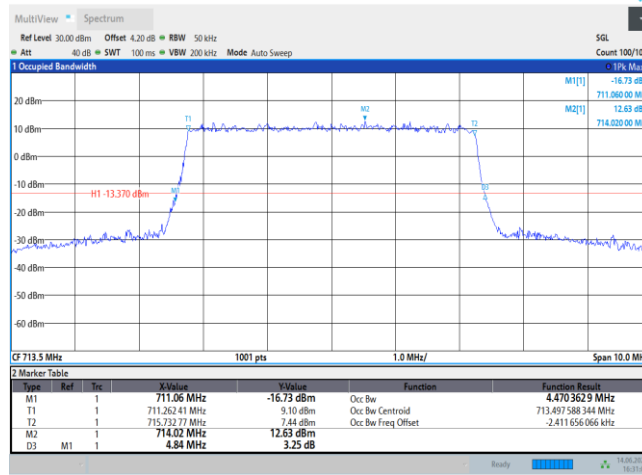
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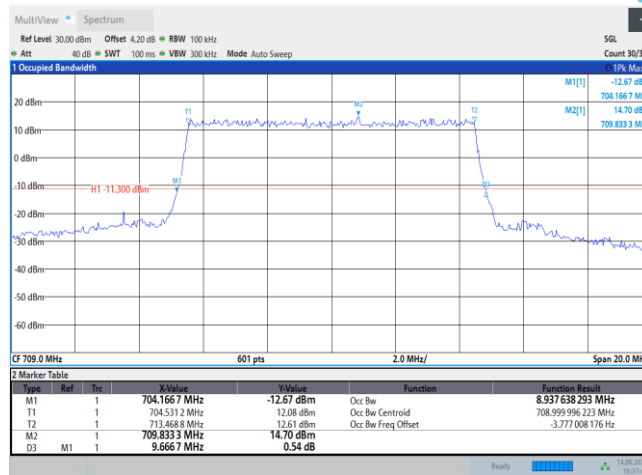


Band17-5MHz-64QAM-23825-25RB#0



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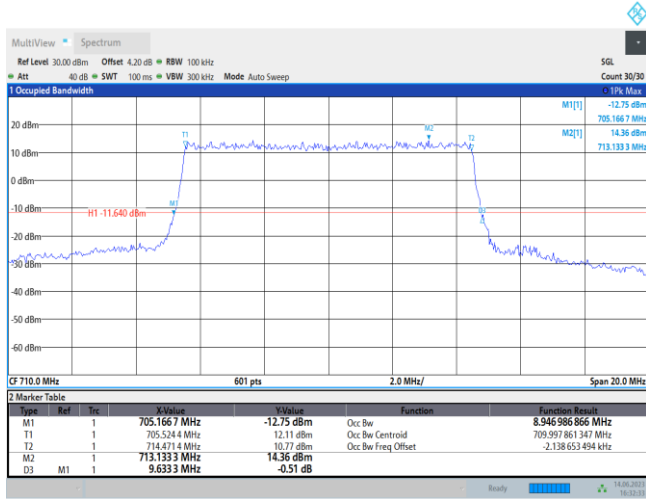
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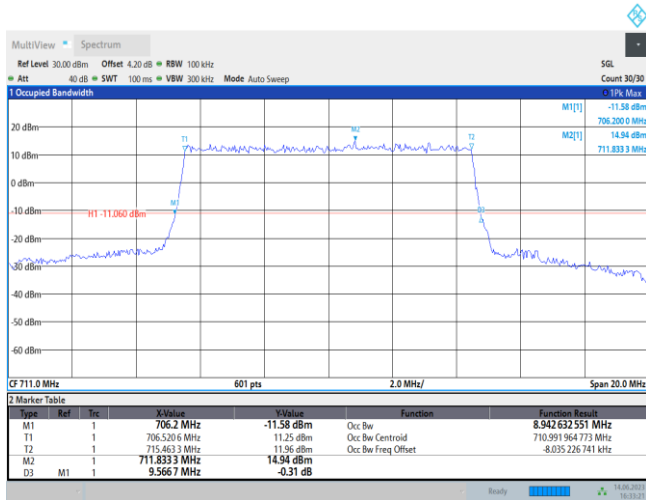


Band17-10MHz-QPSK-23790-50RB#0



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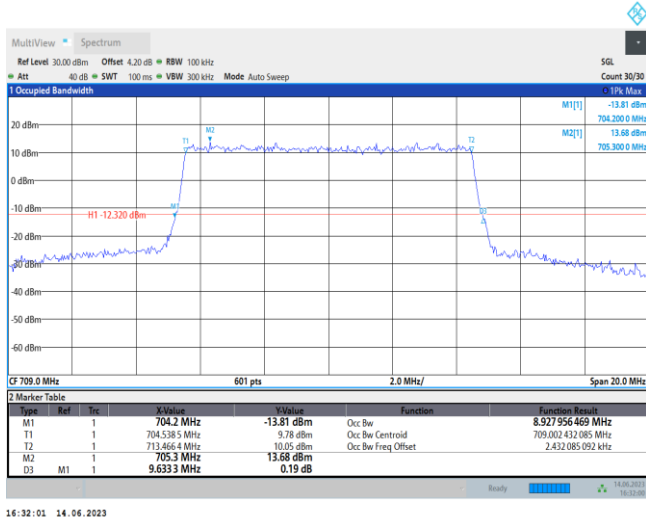


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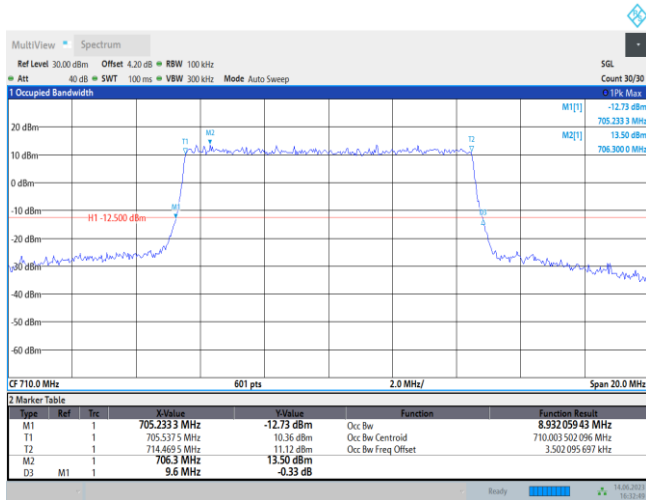
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Band17-10MHz-16QAM-23780-50RB#0



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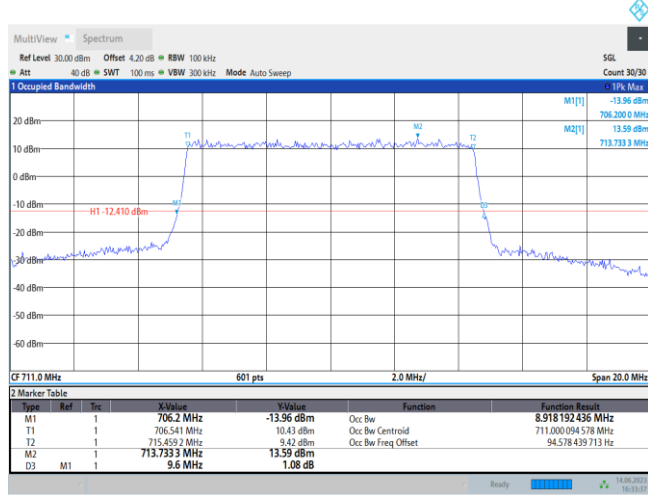


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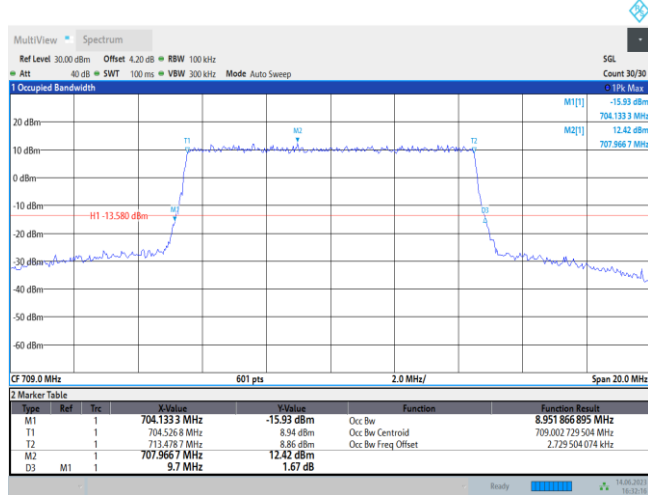
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Band17-10MHz-16QAM-23800-50RB#0



16:33:38 14.06.2023

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

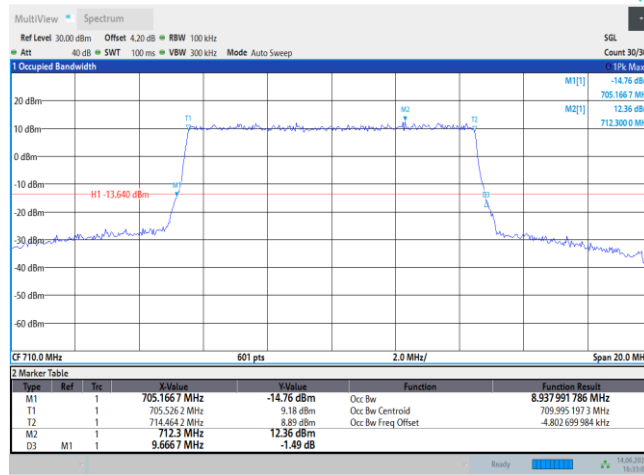


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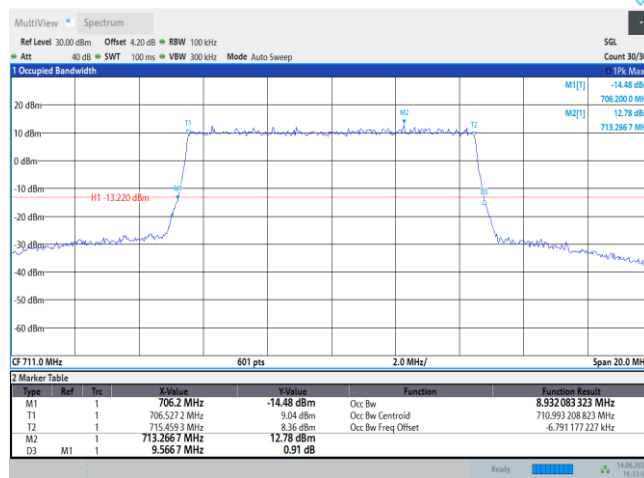
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Band17-10MHz-64QAM-23790-50RB#0



16:33:05 14.06.2023

Band17-10MHz-64QAM-23800-50RB#0



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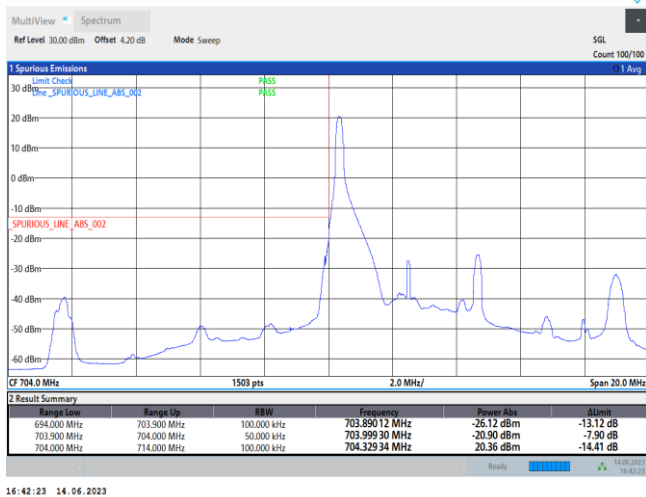
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Band Edge

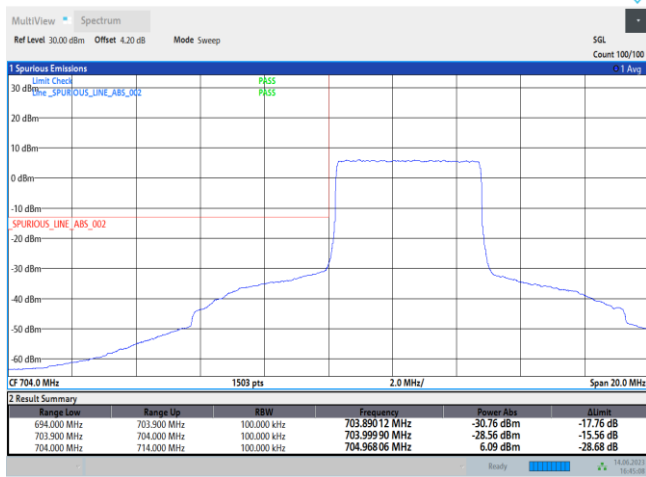
Test Graphs

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

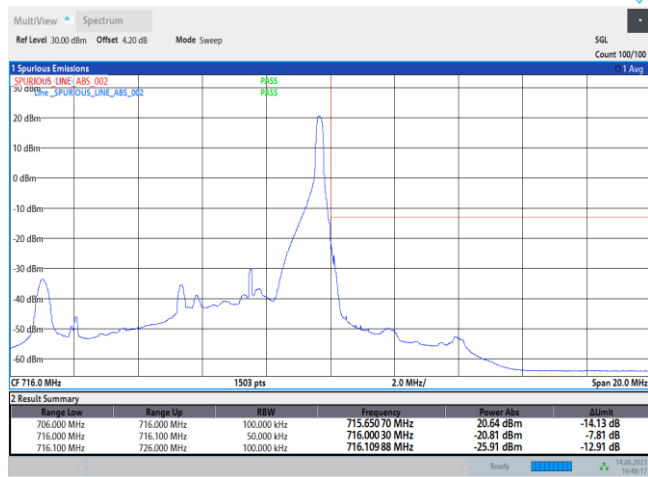


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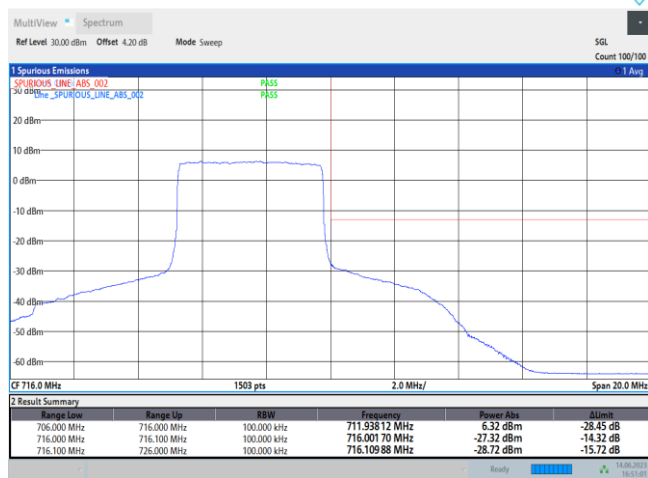


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Band17-5MHz-QPSK-23825-1RB#24



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

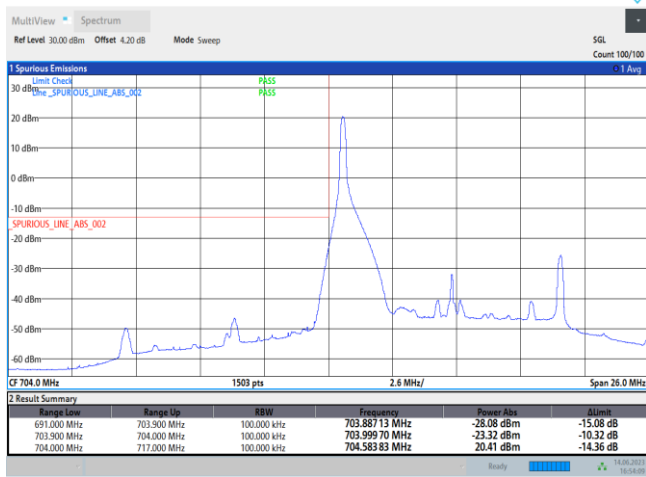


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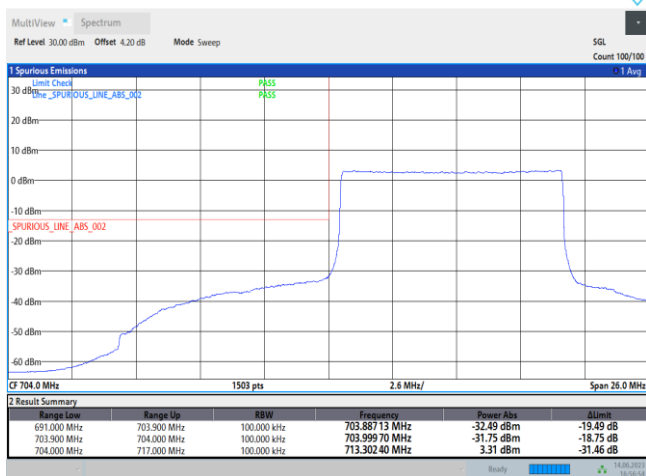
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Band17-10MHz-QPSK-23780-1RB#0



16:54:10 14.06.2023

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

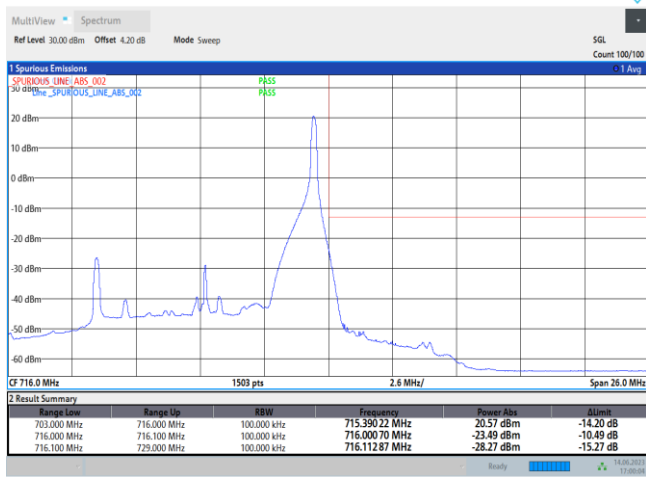


16:56:55 14.06.2023



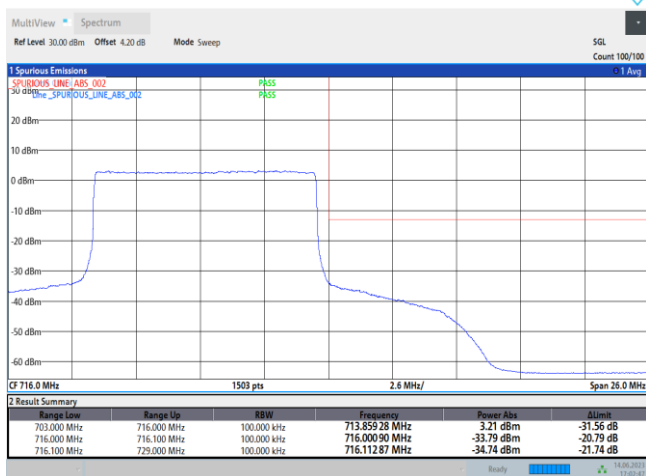
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Band17-10MHz-QPSK-23800-1RB#49



17:00:04 14.06.2023

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



17:02:47 14.06.2023

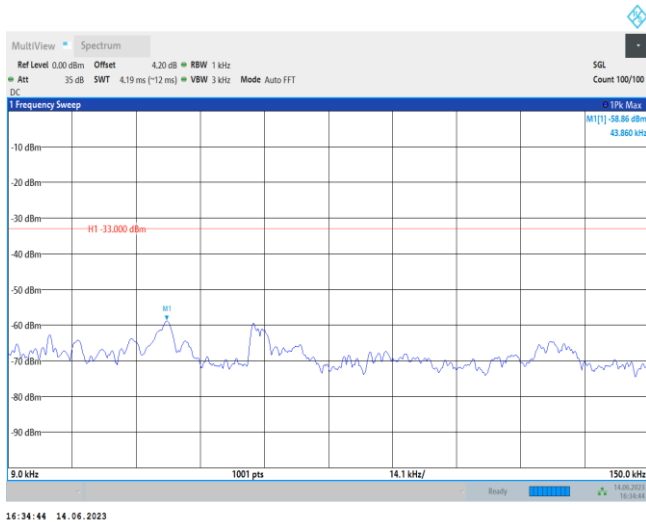


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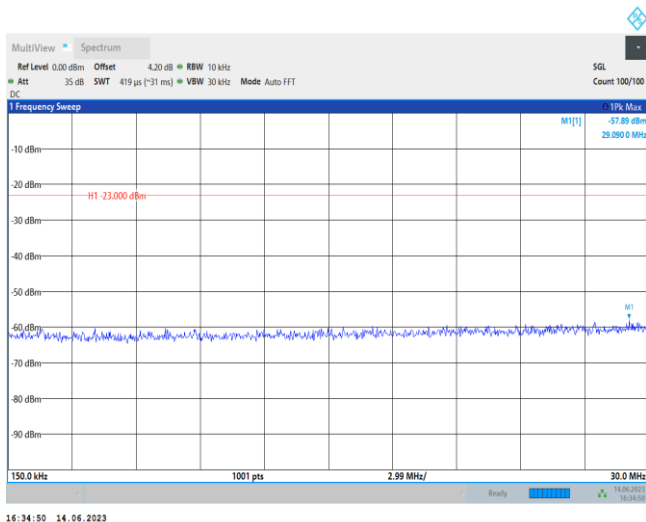
Conducted Spurious Emission

Test Graphs

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

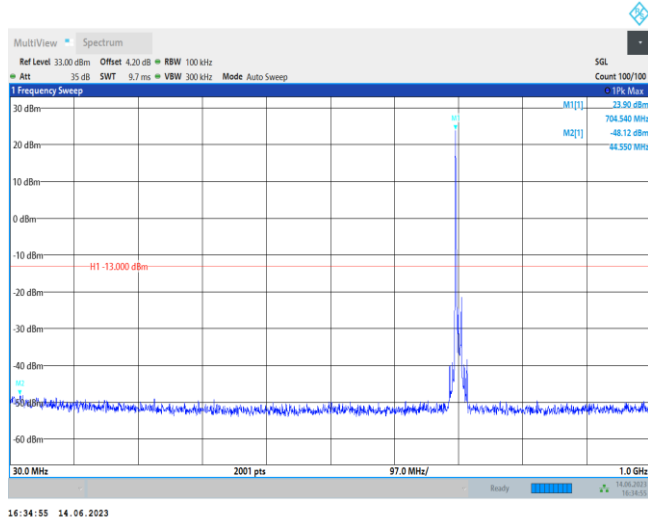


Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz



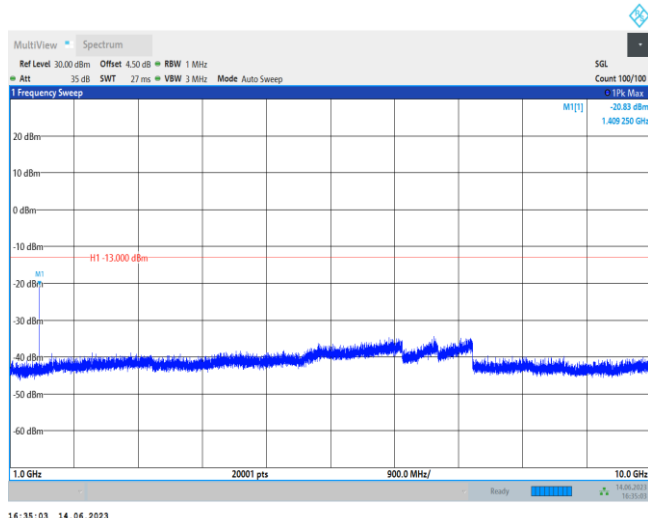
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Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz



16:34:55 14.06.2023

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

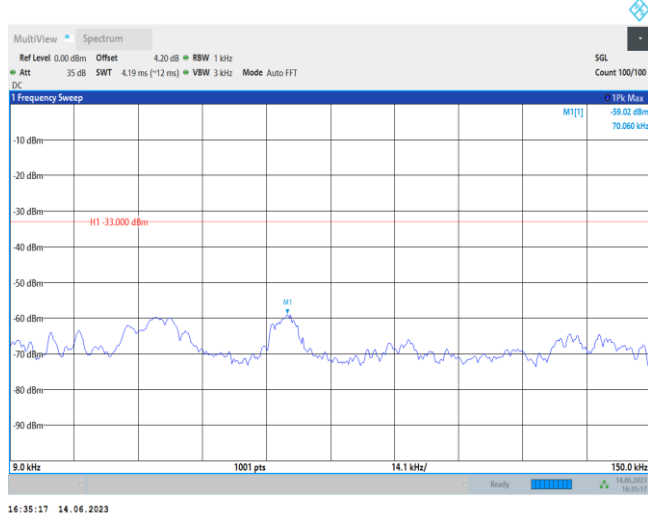


16:35:03 14.06.2023

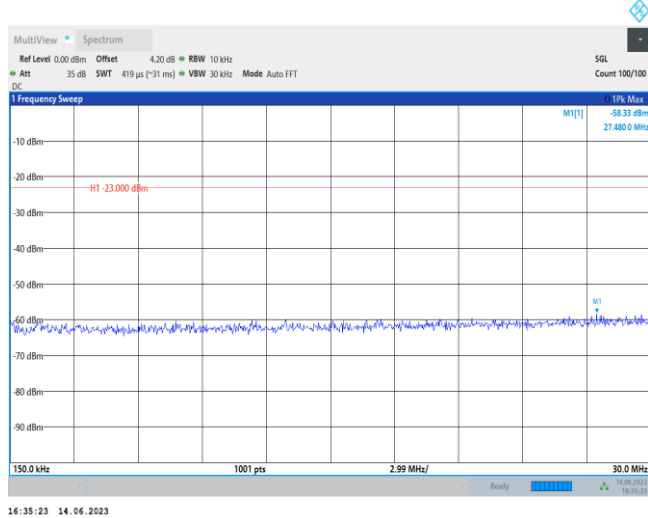


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Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



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

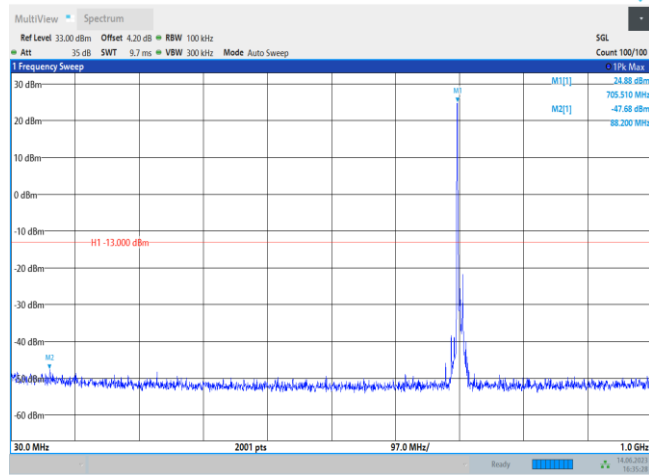


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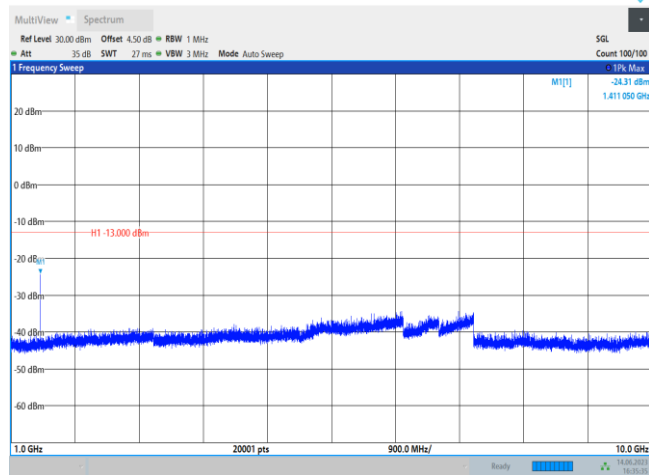
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Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



16:35:28 14.06.2023

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



16:35:36 14.06.2023



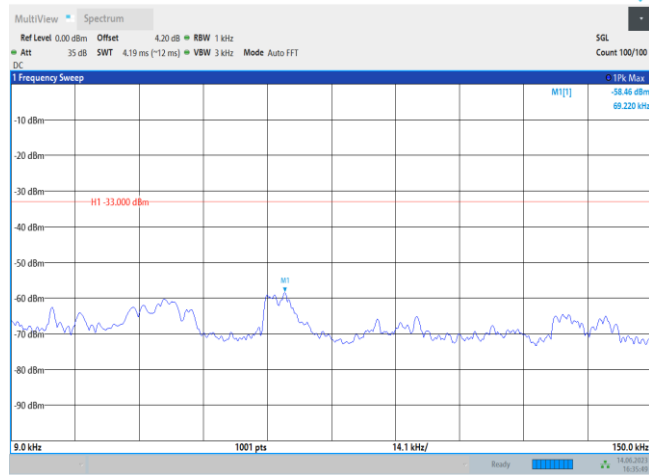
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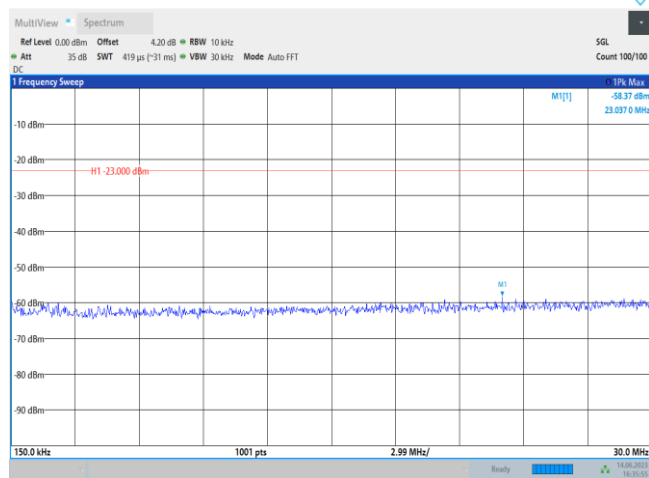
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Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz



16:35:50 14.06.2023

Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz



16:35:56 14.06.2023



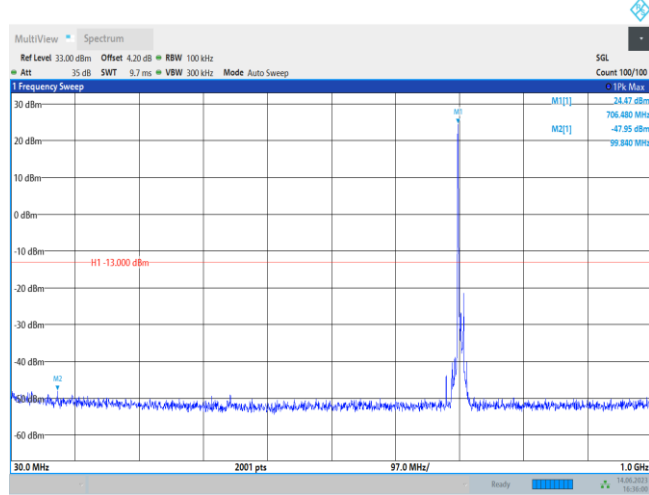
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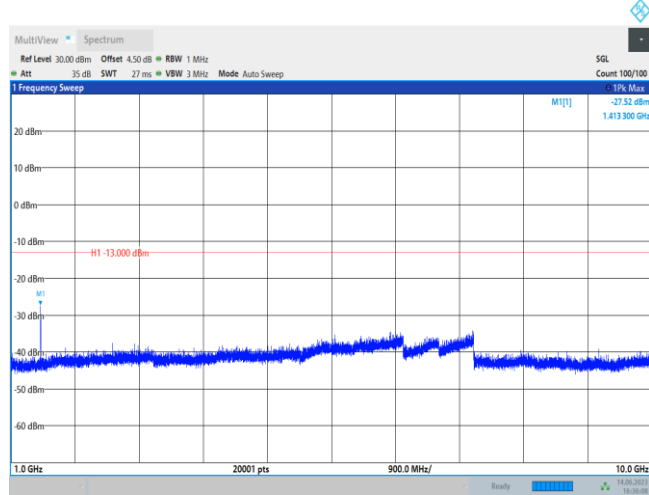
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Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz



16:36:01 14.06.2023

Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz



16:36:09 14.06.2023



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Field Strength of Spurious Radiation

Test Band = LTE Band17_10MHz_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	1418.8571	69.27	-48.06	25.11	-48.94	-13.00	35.94	266	242	Horizontal
2	1897.1429	44.79	-48.05	25.69	-72.82	-13.00	59.82	153	163	Horizontal
3	2581.7143	44.64	-46.99	27.46	-70.15	-13.00	57.15	150	96	Horizontal
4	3323.4286	44.44	-46.65	28.49	-68.97	-13.00	55.97	126	56	Horizontal
5	3973.7143	43.11	-46.21	29.07	-69.28	-13.00	56.28	144	4	Horizontal
6	4924	43.04	-45.64	31.23	-66.62	-13.00	53.62	180	281	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1366.8571	45.25	-48.04	25.12	-72.94	-13.00	59.94	163	40	Vertical
2	2038.8571	45.07	-47.83	26.01	-72.01	-13.00	59.01	258	105	Vertical
3	2771.4286	44.46	-46.96	27.84	-69.91	-13.00	56.91	186	40	Vertical
4	3239.4286	43.96	-46.44	28.44	-69.30	-13.00	56.30	211	289	Vertical
5	4001.7143	43.28	-46.19	29.10	-69.07	-13.00	56.07	145	251	Vertical
6	4884	43.29	-45.59	31.14	-66.41	-13.00	53.41	199	3	Vertical



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Test Band = LTE Band17_10MHz_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	1416.5714	68.65	-48.05	25.11	-49.55	-13.00	36.55	154	240	Horizontal
2	2013.7143	47.50	-47.87	25.94	-69.70	-13.00	56.70	126	0	Horizontal
3	2379.4286	44.96	-47.46	26.96	-70.80	-13.00	57.80	158	1	Horizontal
4	2828	44.80	-46.82	27.96	-69.33	-13.00	56.33	192	201	Horizontal
5	3480	44.10	-46.54	28.59	-69.11	-13.00	56.11	172	293	Horizontal
6	5287.4286	42.68	-45.25	32.09	-65.74	-13.00	52.74	130	29	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1418.8571	57.28	-48.06	25.11	-60.93	-13.00	47.93	163	302	Vertical
2	2013.7143	46.99	-47.87	25.94	-70.21	-13.00	57.21	251	3	Vertical
3	2232	44.68	-47.62	26.55	-71.65	-13.00	58.65	188	360	Vertical
4	2878.2857	44.33	-46.65	28.06	-69.52	-13.00	56.52	196	288	Vertical
5	3595.4286	43.54	-46.35	28.70	-69.37	-13.00	56.37	251	302	Vertical
6	4473.1429	43.04	-45.68	30.24	-67.66	-13.00	54.66	147	276	Vertical



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Test Band = LTE Band17_10MHz_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	1418.2857	67.85	-48.06	25.11	-50.36	-13.00	37.36	144	255	Horizontal
2	1778.2857	45.02	-48.00	25.47	-72.77	-13.00	59.77	126	1	Horizontal
3	2245.7143	44.88	-47.60	26.59	-71.39	-13.00	58.39	258	242	Horizontal
4	2724	44.40	-47.02	27.75	-70.13	-13.00	57.13	175	4	Horizontal
5	3528.5714	44.06	-46.48	28.63	-69.05	-13.00	56.05	186	17	Horizontal
6	4559.4286	43.10	-45.71	30.43	-67.44	-13.00	54.44	236	108	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1417.1429	57.38	-48.05	25.11	-60.83	-13.00	47.83	166	305	Vertical
2	1822.2857	44.94	-47.97	25.54	-72.75	-13.00	59.75	258	143	Vertical
3	2093.7143	44.77	-47.72	26.16	-72.05	-13.00	59.05	174	355	Vertical
4	2794.2857	44.30	-46.93	27.89	-70.00	-13.00	57.00	159	290	Vertical
5	3128.5714	44.19	-46.62	28.38	-69.31	-13.00	56.31	186	3	Vertical
6	4263.4286	42.92	-45.85	29.73	-68.45	-13.00	55.45	231	360	Vertical



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Test Band = LTE Band17_10MHz_TM1

Test Channel = Low ANT1

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1420	73.45	-48.06	25.11	-44.76	-13.00	31.76	177	0	Horizontal
2	1986.8571	44.97	-47.92	25.87	-72.34	-13.00	59.34	148	40	Horizontal
3	2411.4286	44.60	-47.43	27.05	-71.04	-13.00	58.04	186	173	Horizontal
4	2878.2857	44.46	-46.65	28.06	-69.39	-13.00	56.39	259	80	Horizontal
5	3330.2857	44.07	-46.64	28.50	-69.33	-13.00	56.33	136	334	Horizontal
6	4597.1429	43.15	-45.78	30.51	-67.38	-13.00	54.38	251	306	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1741.1429	45.13	-48.07	25.41	-72.79	-13.00	59.79	253	355	Vertical
2	2184	44.51	-47.68	26.42	-72.02	-13.00	59.02	142	120	Vertical
3	2413.1429	44.47	-47.43	27.06	-71.16	-13.00	58.16	156	132	Vertical
4	2827.4286	44.72	-46.82	27.95	-69.41	-13.00	56.41	299	360	Vertical
5	3784	42.93	-46.16	28.88	-69.60	-13.00	56.60	184	4	Vertical
6	4932.5714	42.84	-45.65	31.25	-66.82	-13.00	53.82	175	305	Vertical



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Test Band = LTE Band17_10MHz_TM1

Test Channel = Mid ANT1

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1593.7143	45.94	-48.28	25.20	-72.41	-13.00	59.41	236	122	Horizontal
2	2635.4286	44.11	-46.97	27.57	-70.55	-13.00	57.55	251	242	Horizontal
3	3130.8571	44.20	-46.61	28.38	-69.29	-13.00	56.29	145	162	Horizontal
4	3811.4286	43.47	-46.17	28.91	-69.05	-13.00	56.05	186	2	Horizontal
5	4322.2857	42.56	-45.80	29.87	-68.63	-13.00	55.63	259	215	Horizontal
6	5509.1429	42.07	-45.15	32.60	-65.74	-13.00	52.74	166	309	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1715.4286	45.19	-48.13	25.37	-72.82	-13.00	59.82	211	172	Vertical
2	2100	44.83	-47.71	26.18	-71.96	-13.00	58.96	145	184	Vertical
3	2716	44.64	-47.03	27.73	-69.92	-13.00	56.92	186	132	Vertical
4	3321.7143	44.17	-46.65	28.49	-69.25	-13.00	56.25	259	198	Vertical
5	4238.8571	42.42	-45.89	29.67	-69.06	-13.00	56.06	188	51	Vertical
6	5720	41.56	-44.59	32.64	-65.64	-13.00	52.64	173	355	Vertical



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Test Band = LTE Band17_10MHz_TM1
Test Channel = High ANT1

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1424	67.21	-48.08	25.11	-51.01	-13.00	38.01	175	242	Horizontal
2	2354.8571	44.54	-47.47	26.89	-71.30	-13.00	58.30	155	0	Horizontal
3	2673.7143	44.93	-47.02	27.65	-69.70	-13.00	56.70	126	109	Horizontal
4	3328	45.19	-46.64	28.50	-68.21	-13.00	55.21	259	215	Horizontal
5	4403.4286	42.79	-45.88	30.07	-68.28	-13.00	55.28	184	135	Horizontal
6	5174.2857	41.86	-45.09	31.82	-66.67	-13.00	53.67	176	175	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1419.4286	57.21	-48.06	25.11	-61.00	-13.00	48.00	216	306	Vertical
2	1848.5714	44.87	-48.00	25.60	-72.79	-13.00	59.79	154	252	Vertical
3	2354.8571	44.69	-47.47	26.89	-71.15	-13.00	58.15	188	360	Vertical
4	2821.1429	44.26	-46.85	27.94	-69.90	-13.00	56.90	163	38	Vertical
5	3583.4286	43.54	-46.37	28.68	-69.41	-13.00	56.41	105	292	Vertical
6	4886.8571	43.12	-45.59	31.15	-66.58	-13.00	53.58	155	4	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
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-5.50	-0.007746	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-4.20	-0.005915	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-11.70	-0.016479	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-8.70	-0.012254	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-11.20	-0.015775	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-3.90	-0.005493	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-6.60	-0.009296	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-7.60	-0.010704	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-9.00	-0.012676	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-8.70	-0.012254	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-5.90	-0.008310	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-8.20	-0.011549	PASS

---End of Attachment---



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