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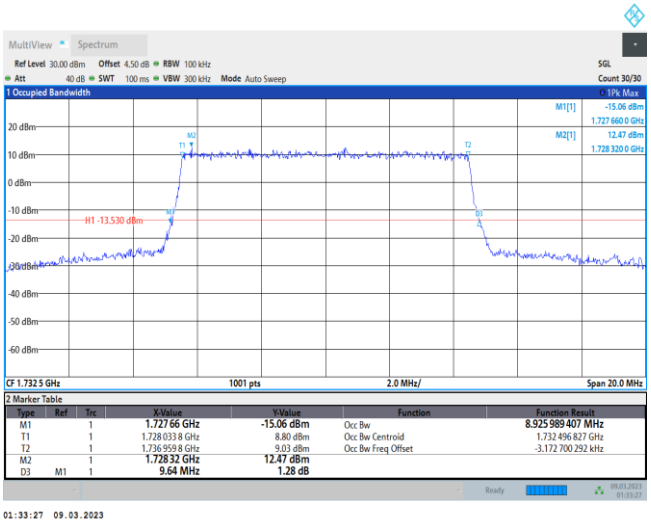

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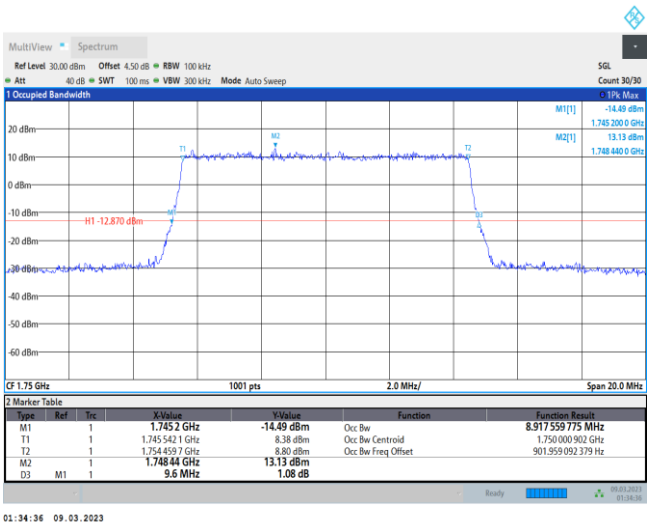

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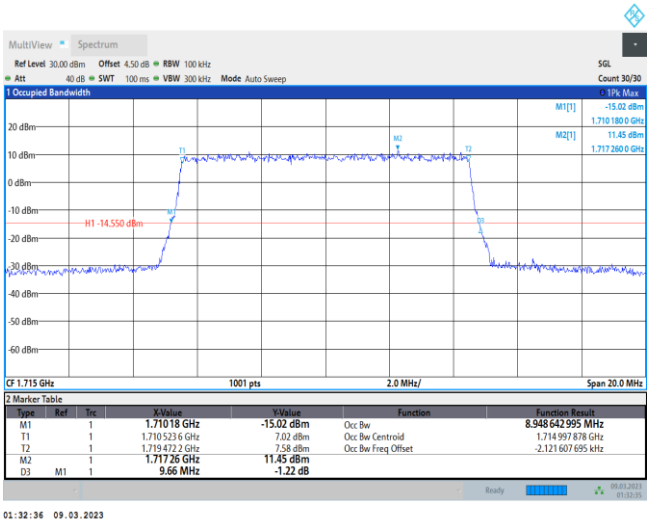
Band4-10MHz-64QAM-20000-50RB#0



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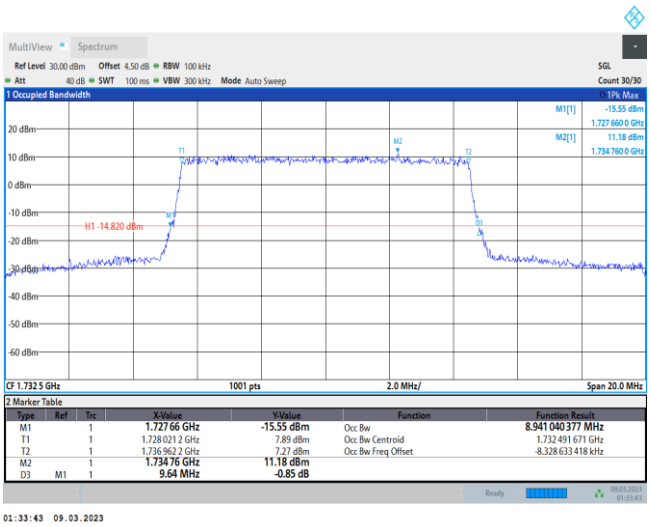

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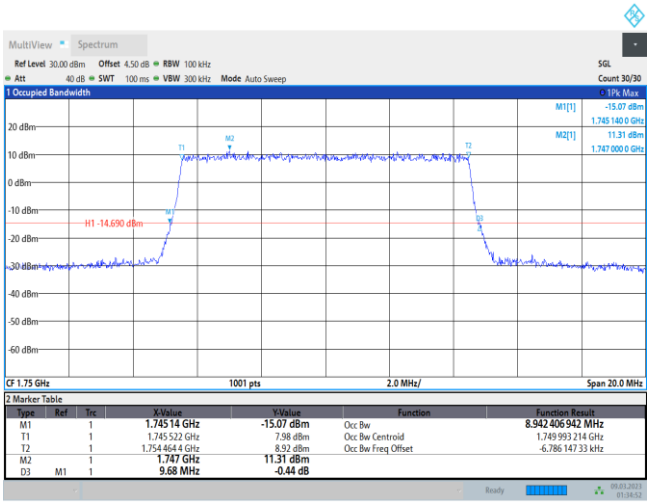
Band4-10MHz-64QAM-20350-50RB#0



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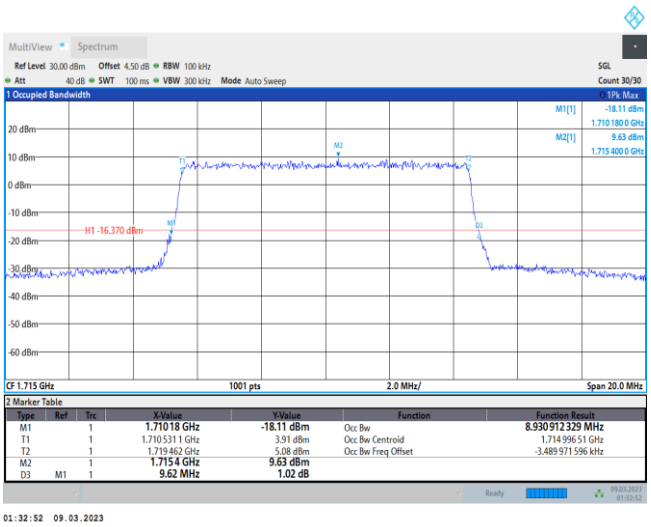

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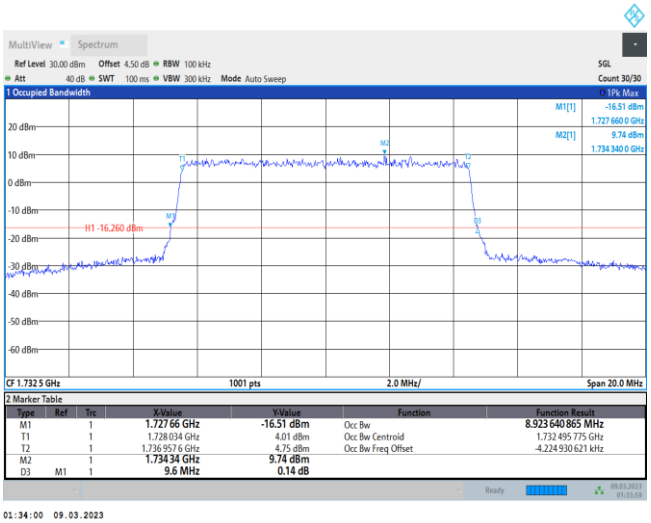
Band4-10MHz-256QAM-20175-50RB#0



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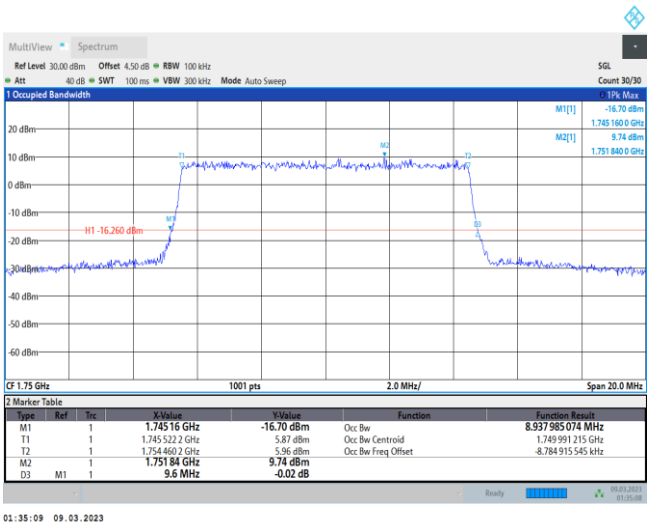

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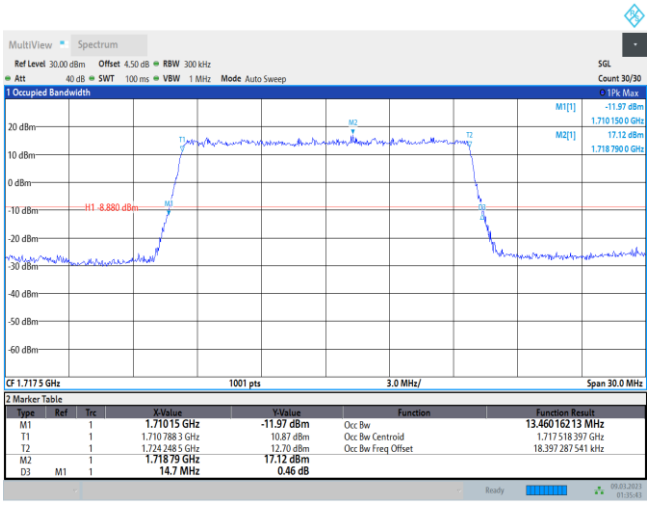
Band4-15MHz-QPSK-20025-75RB#0



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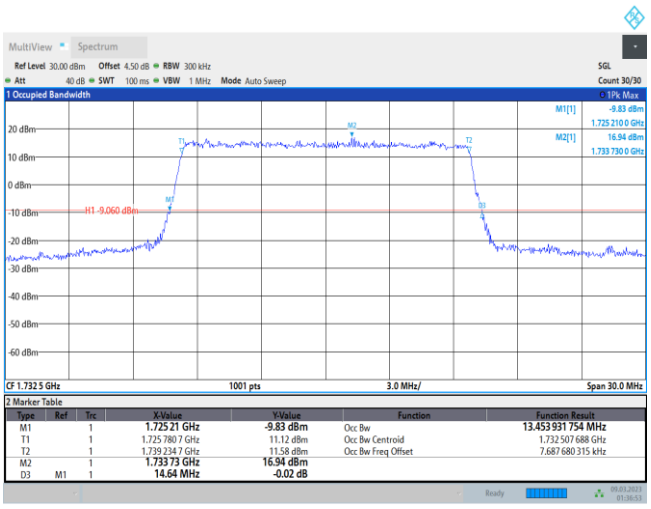

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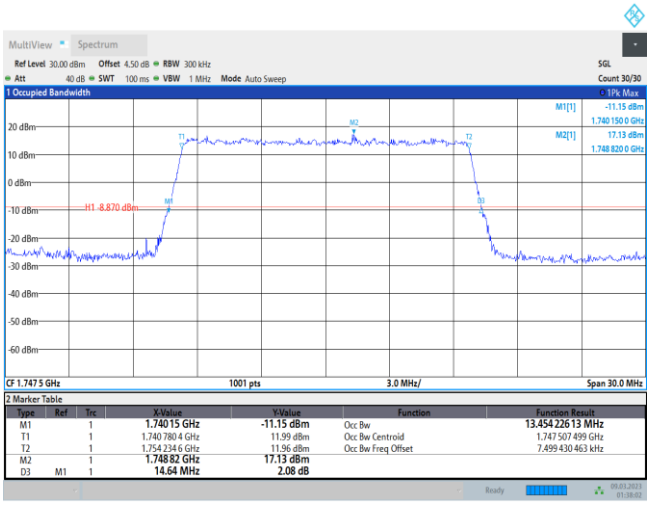
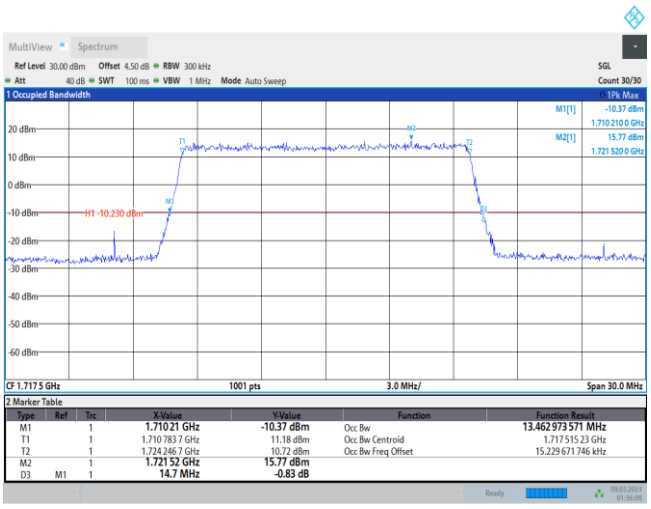
Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-75RB#0



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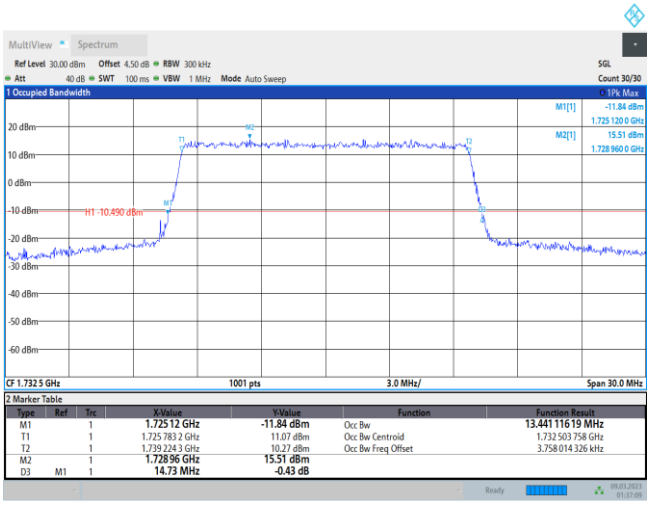
Band4-15MHz-16QAM-20175-75RB#0



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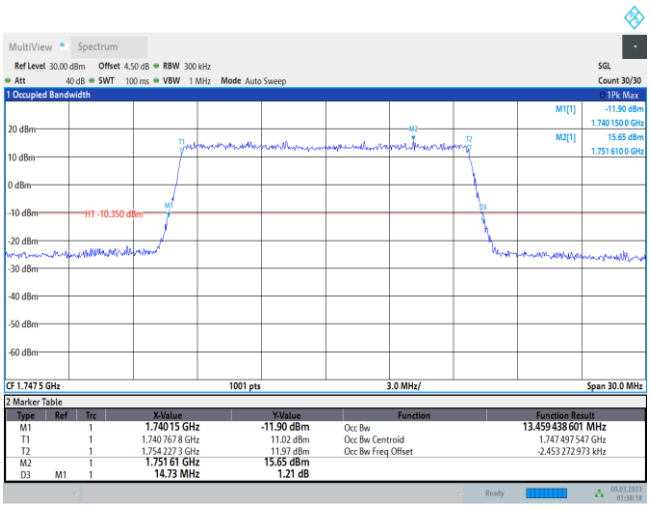

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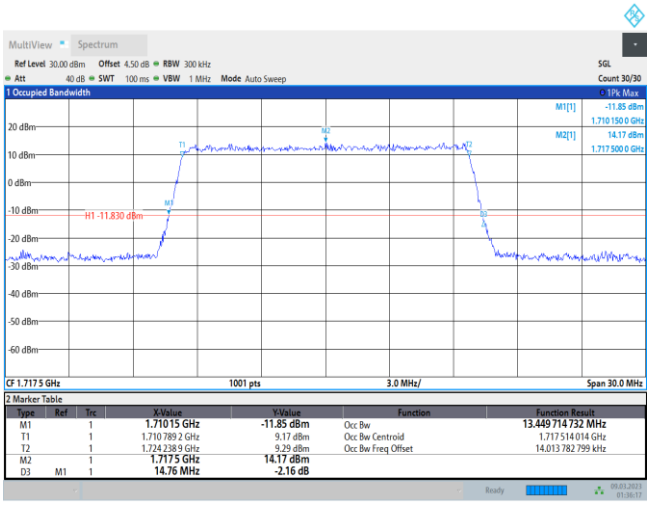
Band4-15MHz-64QAM-20025-75RB#0



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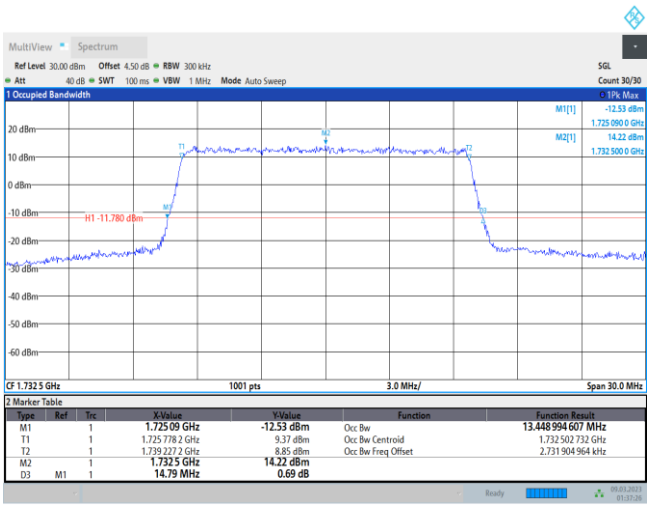

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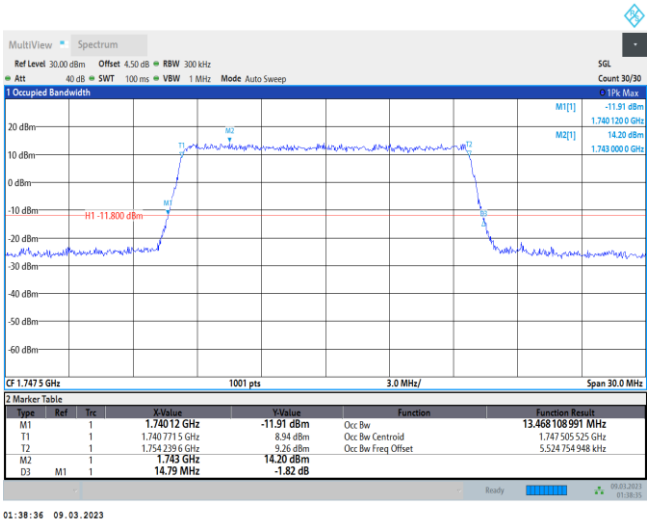
Band4-15MHz-64QAM-20325-75RB#0



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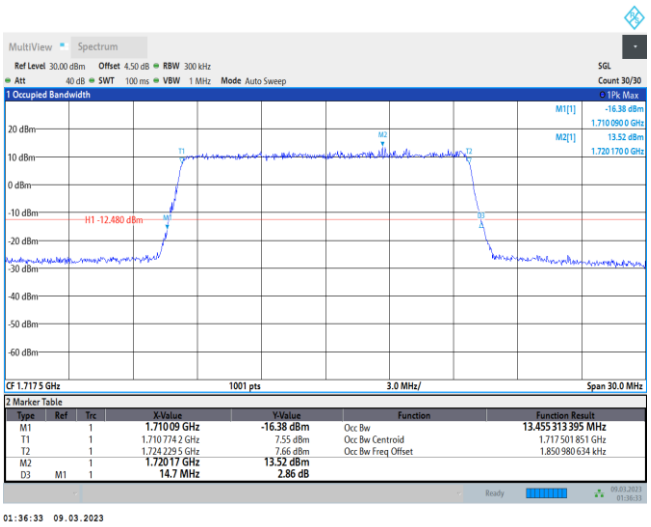

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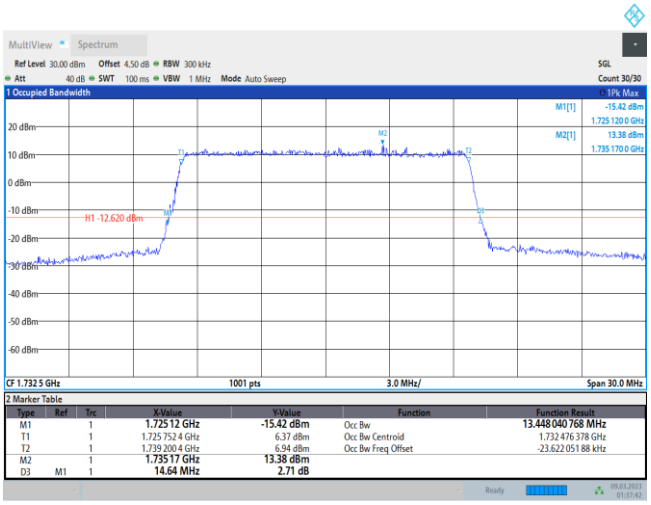
Band4-15MHz-256QAM-20175-75RB#0



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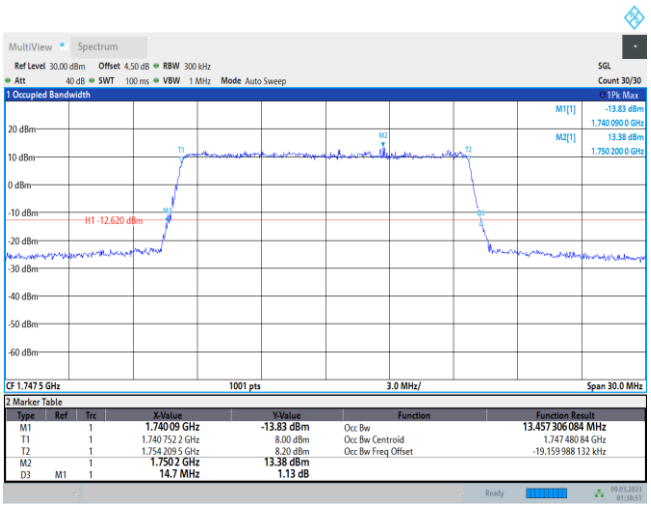

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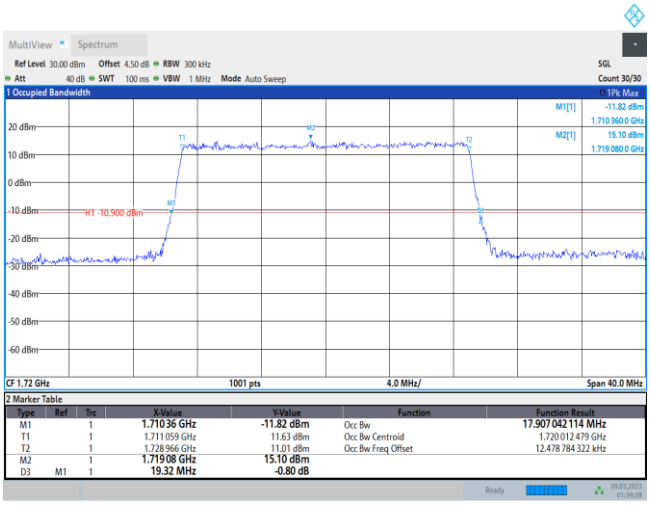
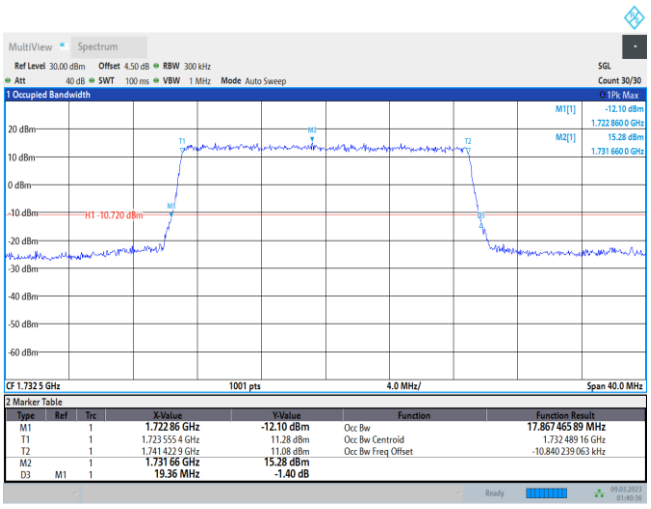
Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20175-100RB#0



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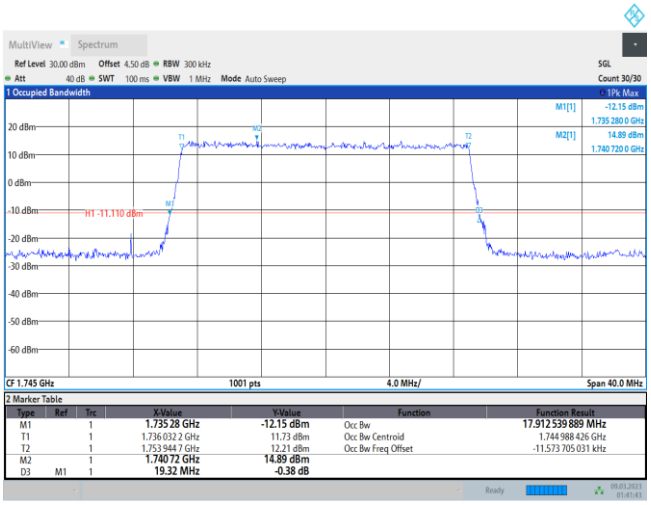
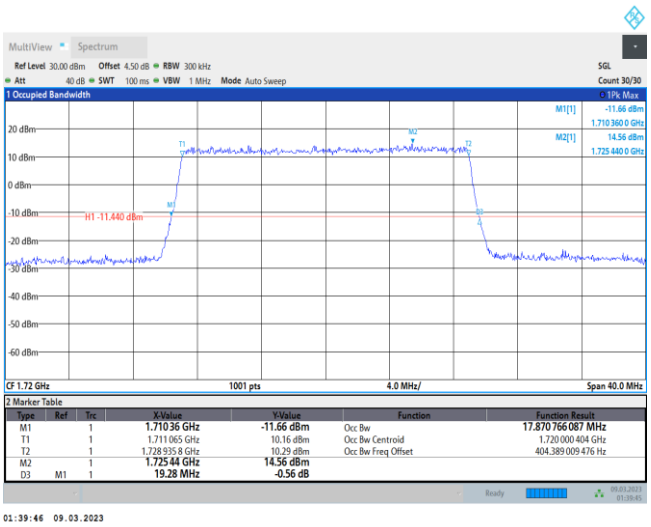
Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-100RB#0



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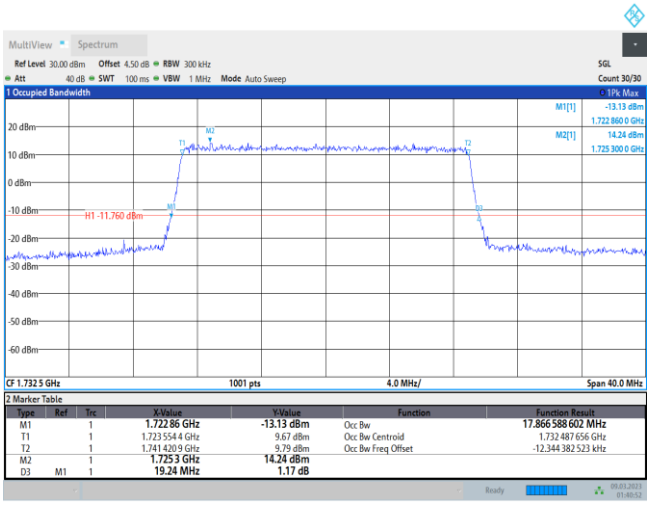
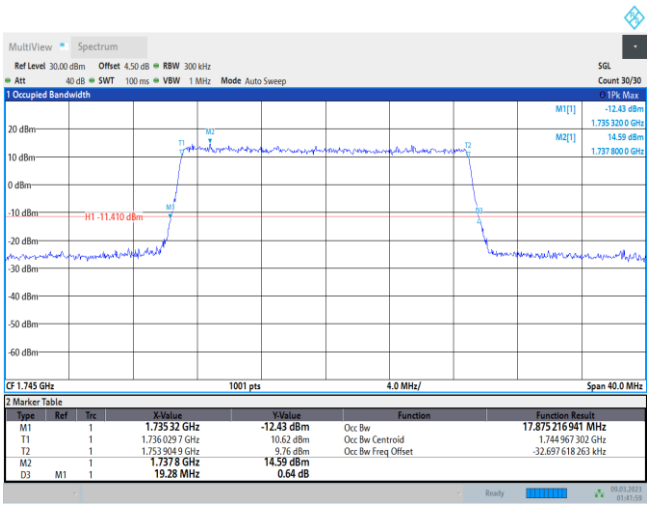
Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-100RB#0



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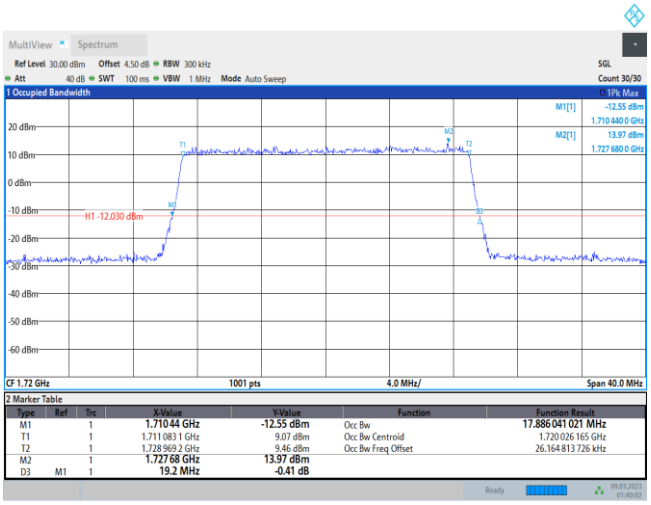
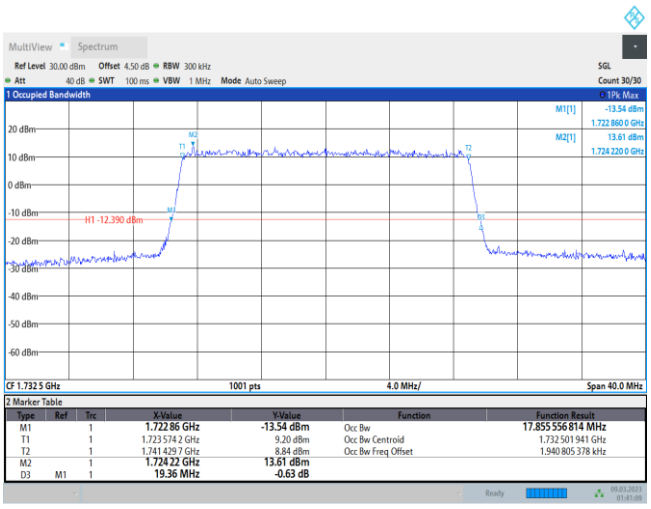
Band4-20MHz-64QAM-20050-100RB#0



Band4-20MHz-64QAM-20175-100RB#0



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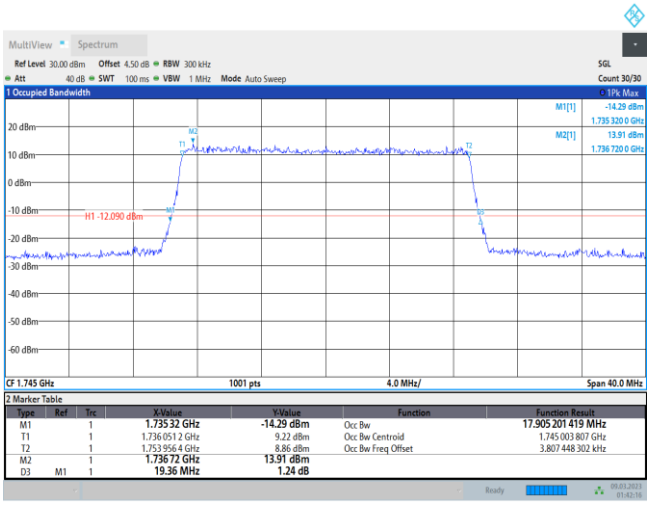
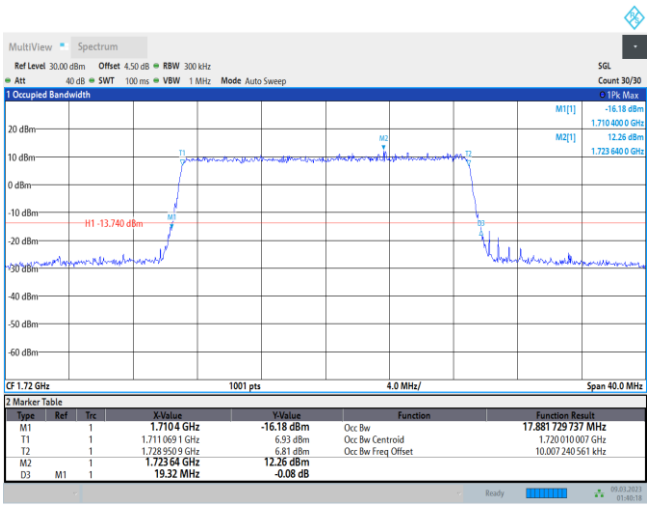
Band4-20MHz-64QAM-20300-100RB#0



Band4-20MHz-256QAM-20050-100RB#0



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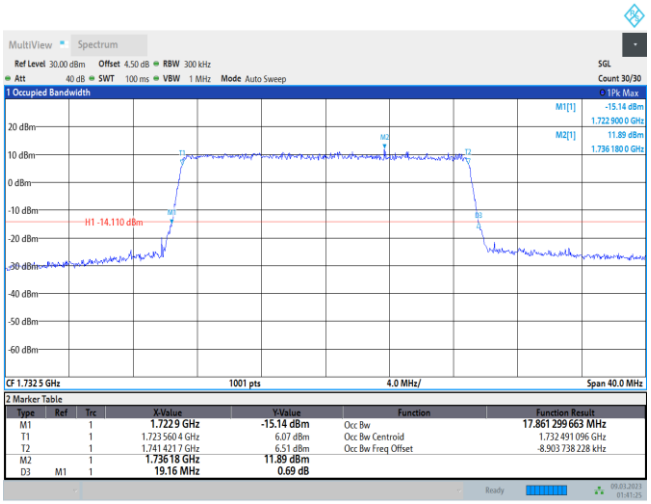
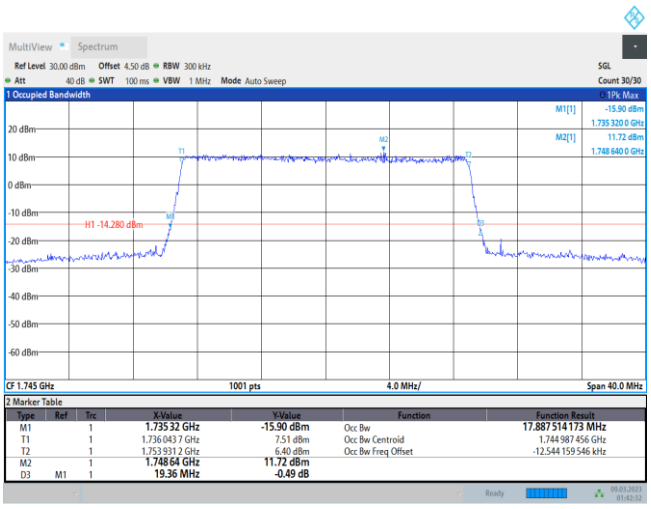
Band4-20MHz-256QAM-20175-100RB#0



Band4-20MHz-256QAM-20300-100RB#0



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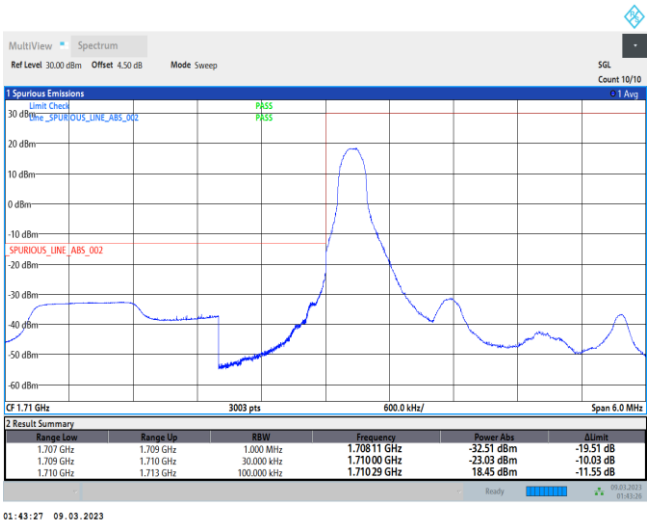
Band Edge

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0



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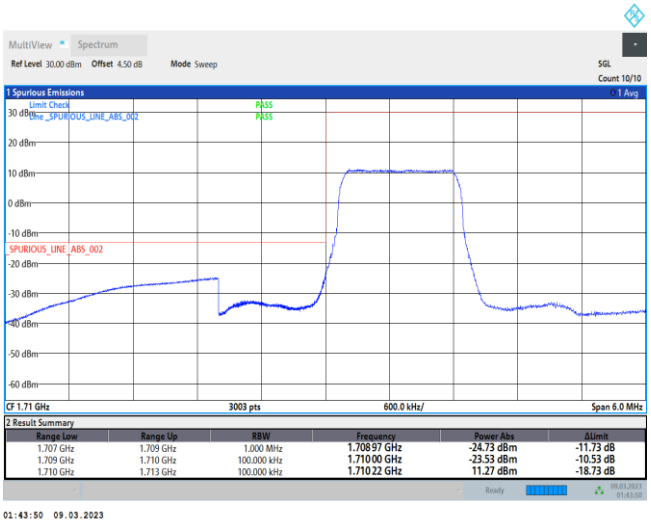

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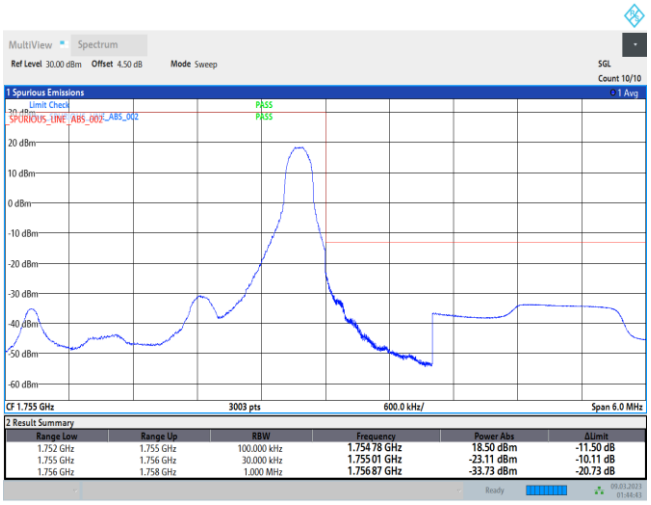
Band4-1.4MHz-QPSK-20393-1RB#5



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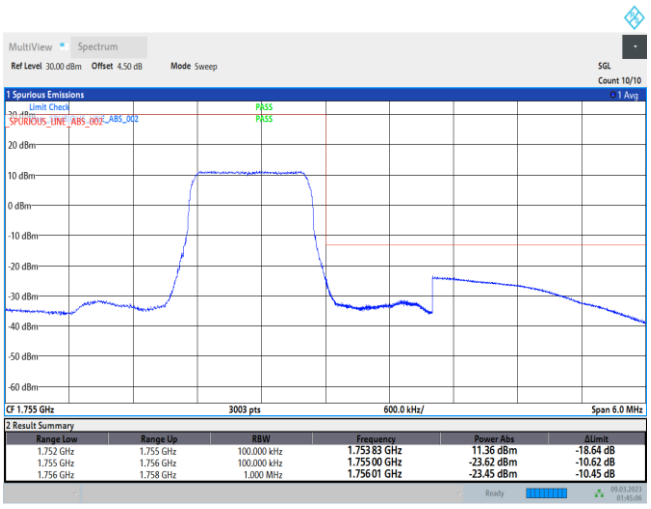

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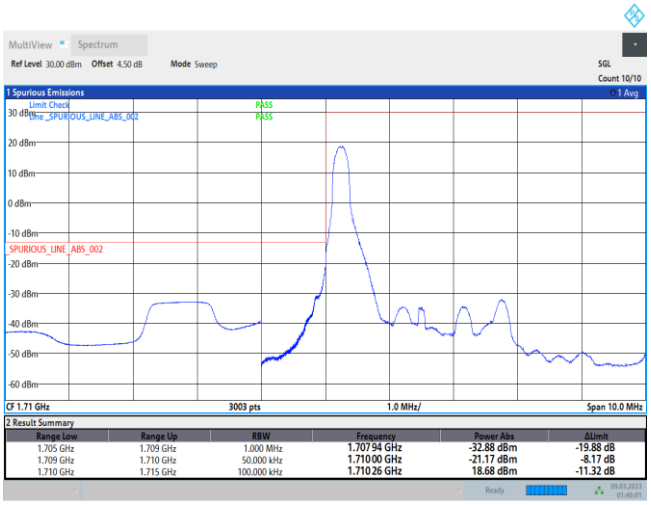
Band4-3MHz-QPSK-19965-1RB#0



Band4-3MHz-QPSK-19965-15RB#0

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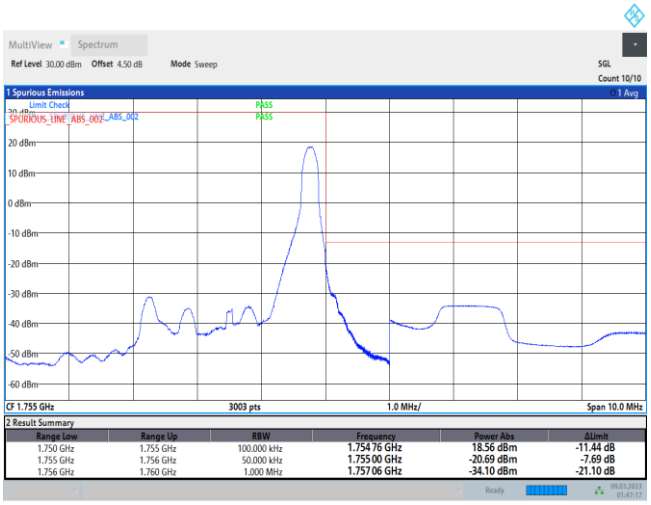
Band4-3MHz-QPSK-20385-1RB#14



Band4-3MHz-QPSK-20385-15RB#0

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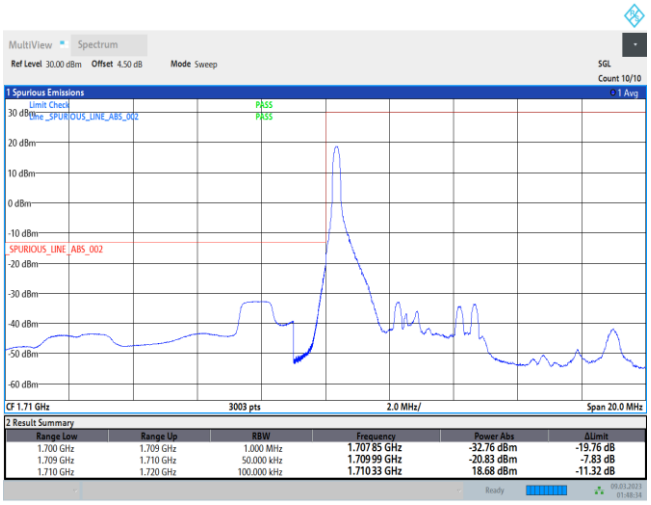
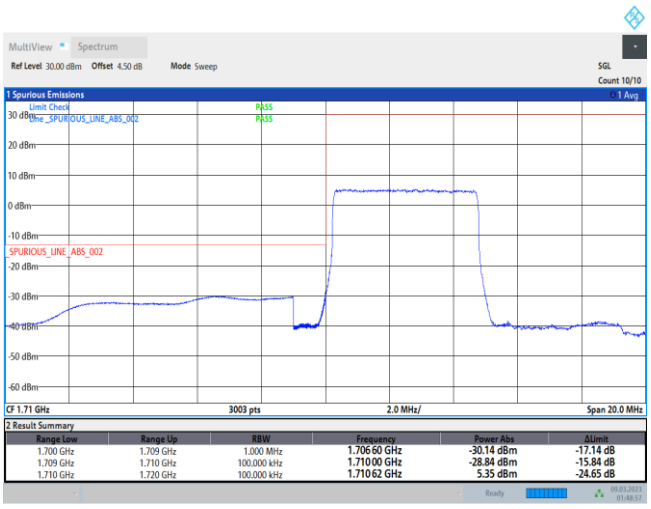
Band4-5MHz-QPSK-19975-1RB#0



Band4-5MHz-QPSK-19975-25RB#0



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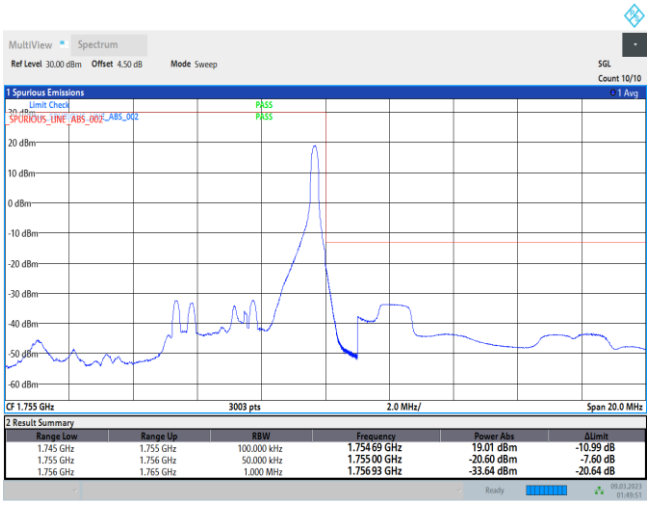
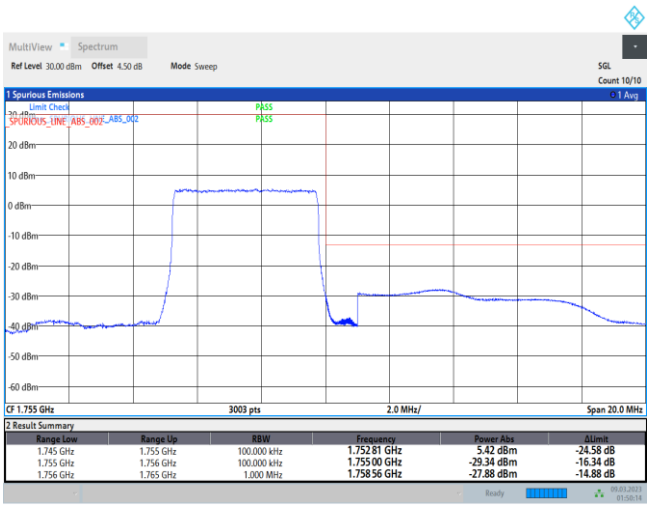
Band4-5MHz-QPSK-20375-1RB#24



Band4-5MHz-QPSK-20375-25RB#0



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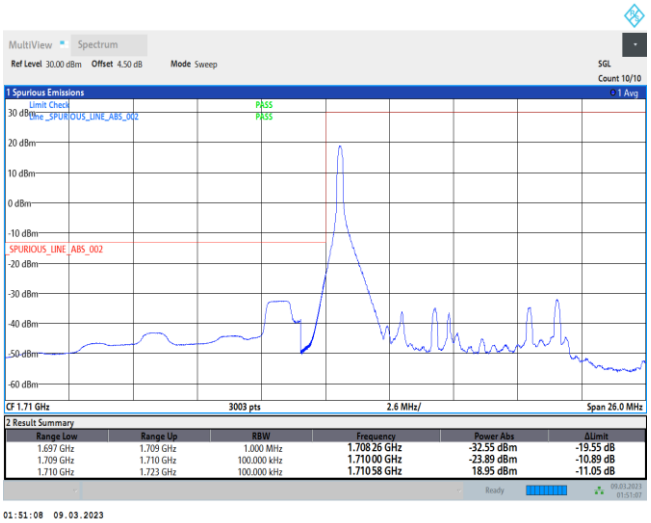
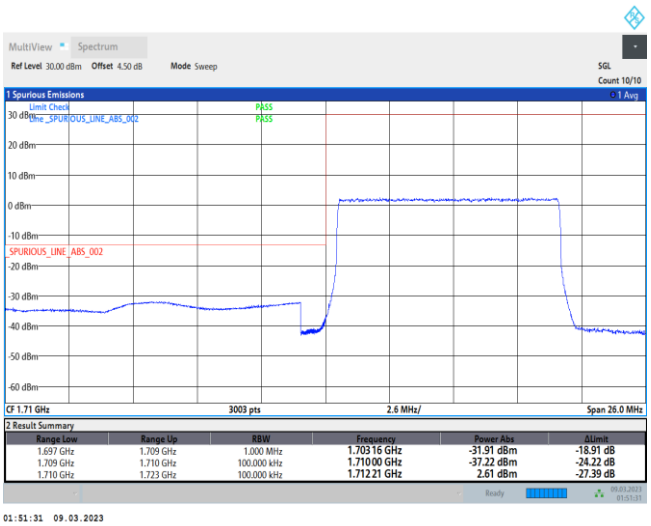
Band4-10MHz-QPSK-20000-1RB#0



Band4-10MHz-QPSK-20000-50RB#0



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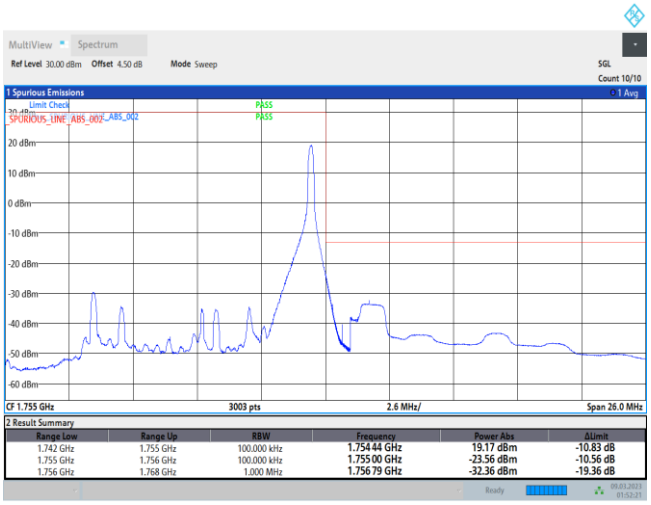
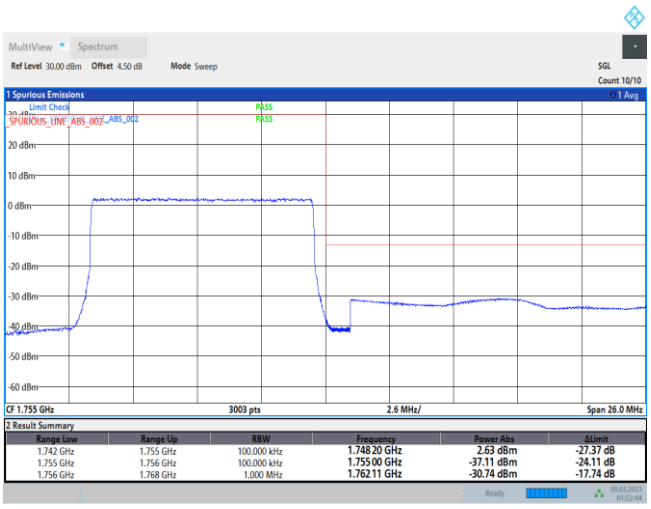
Band4-10MHz-QPSK-20350-1RB#49



Band4-10MHz-QPSK-20350-50RB#0



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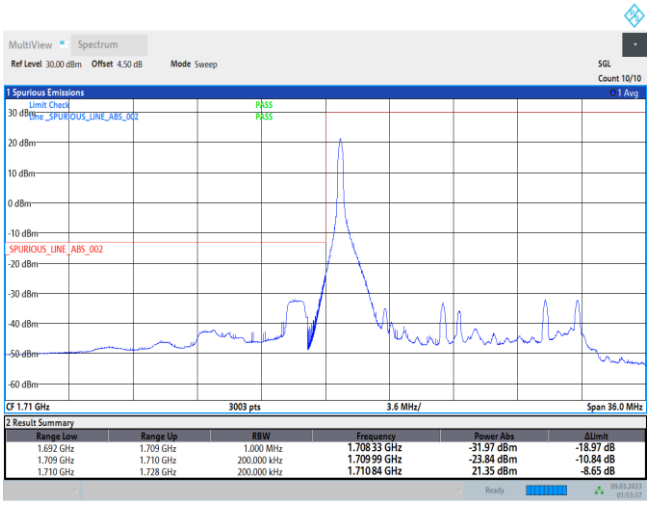
Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-75RB#0

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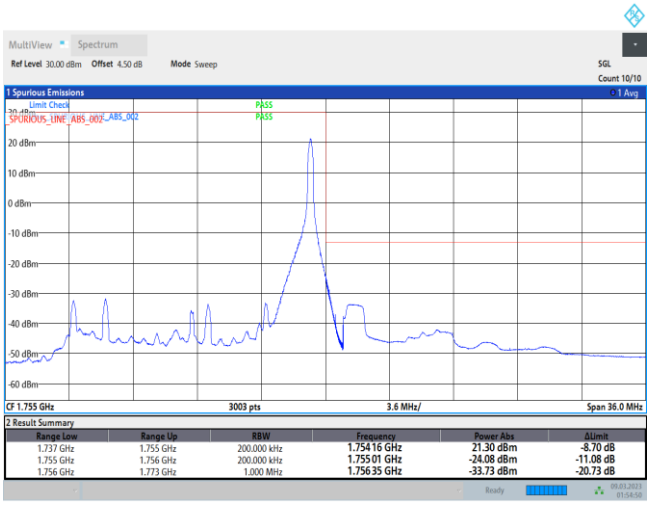
Band4-15MHz-QPSK-20325-1RB#74



Band4-15MHz-QPSK-20325-75RB#0

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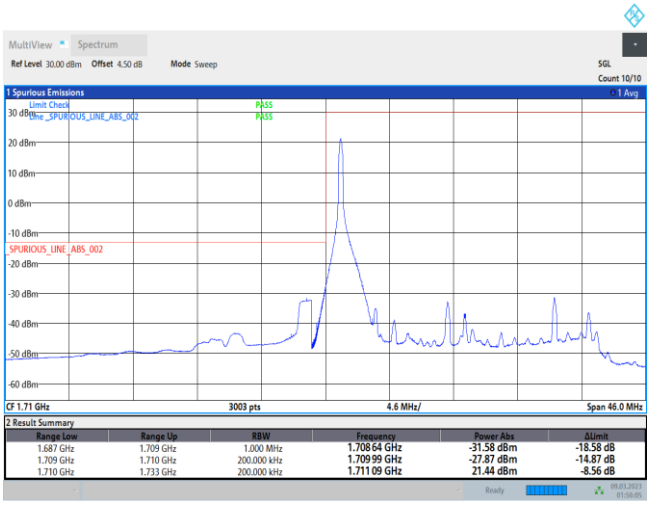
Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-100RB#0

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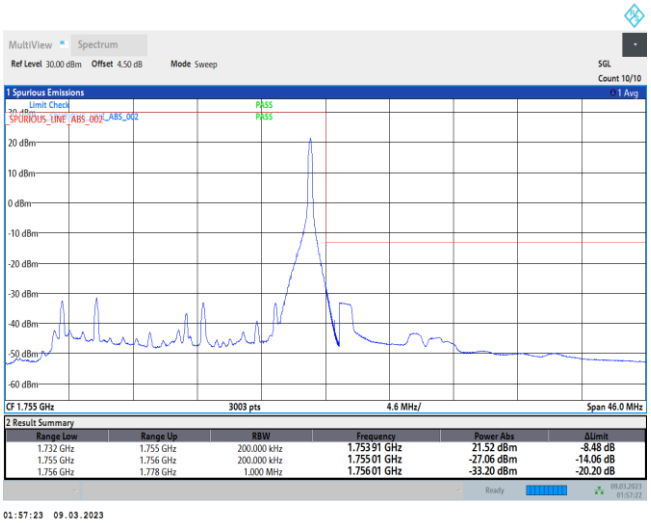
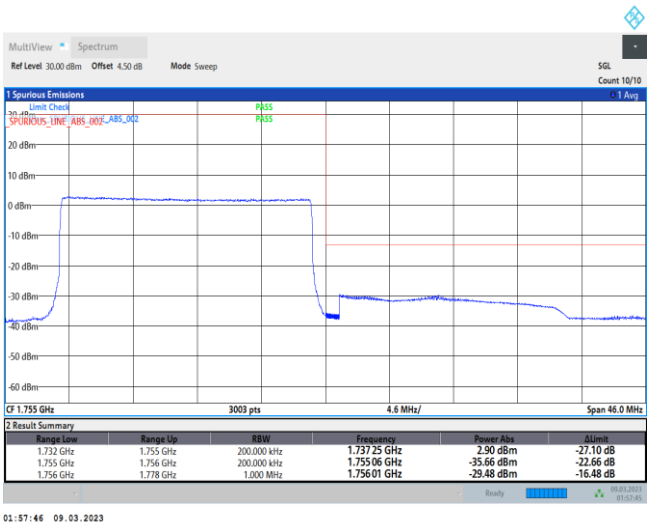
Band4-20MHz-QPSK-20300-1RB#99



Band4-20MHz-QPSK-20300-100RB#0



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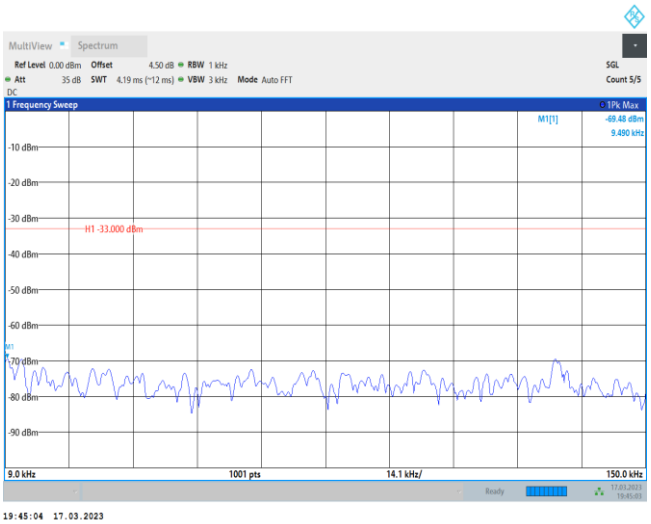
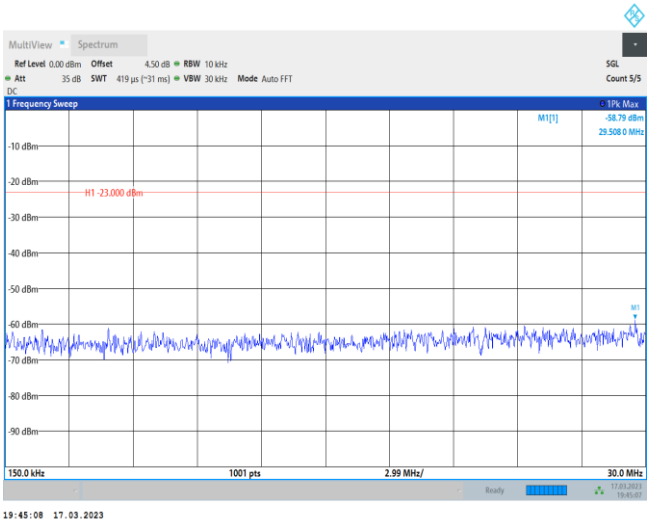
Conducted Spurious Emission

Test Graphs

Band4-20MHz-QPSK-20050-1RB#0-Range1:0.009~0.15MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:0.15~30MHz



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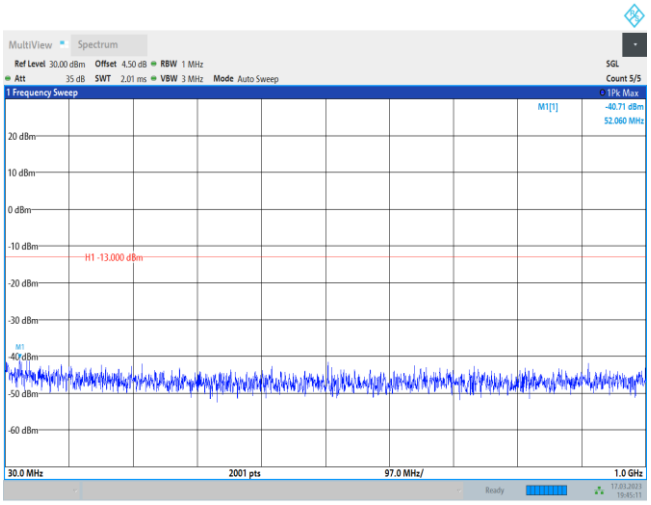
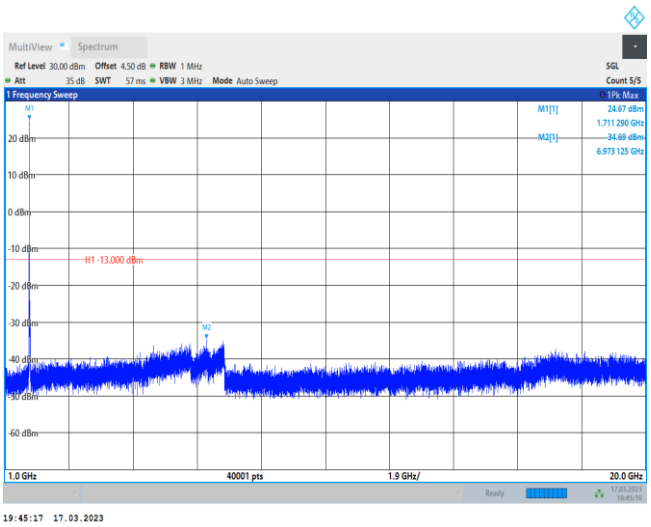
Band4-20MHz-QPSK-20050-1RB#0-Range3:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range4:1000~20000MHz



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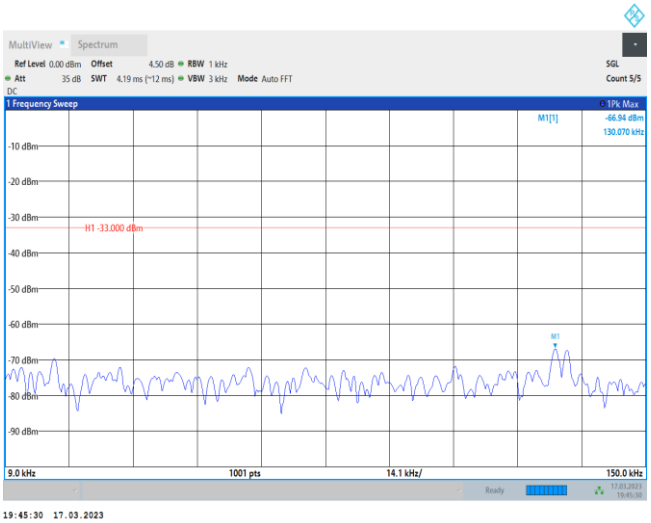
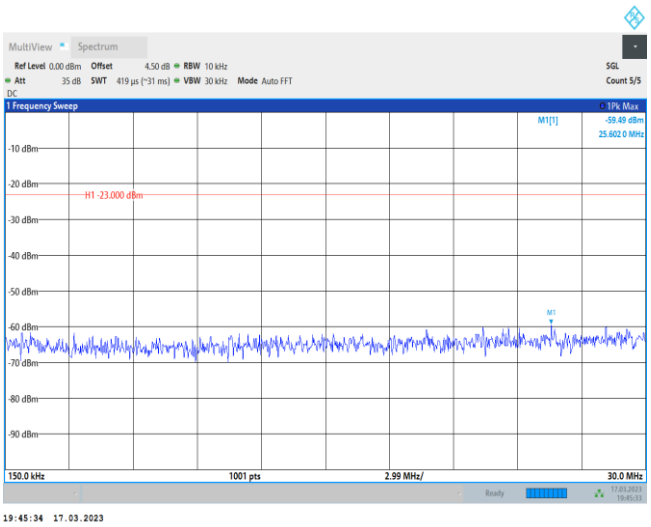
Band4-20MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz



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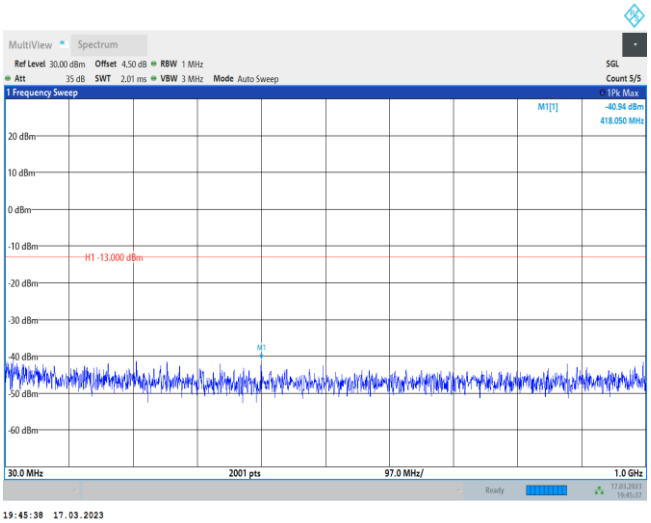
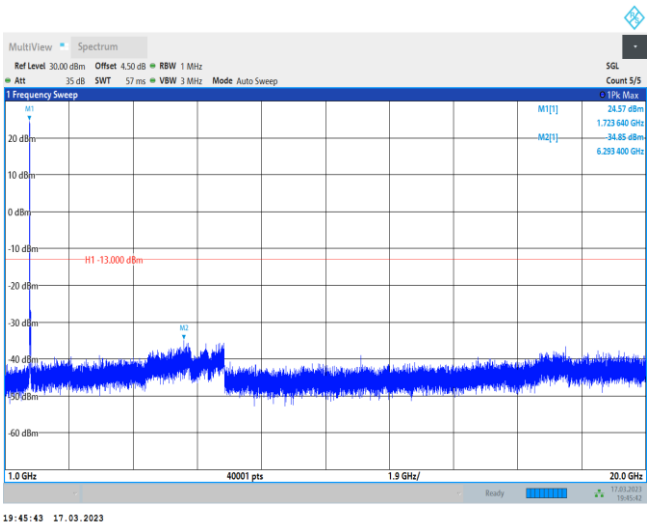
Band4-20MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range4:1000~20000MHz



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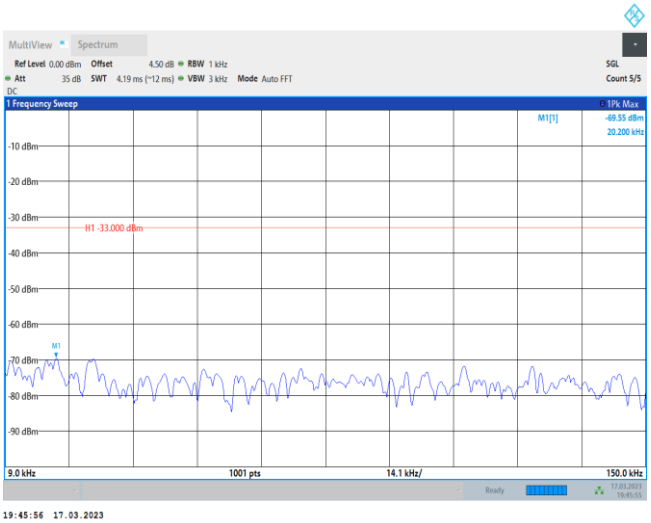
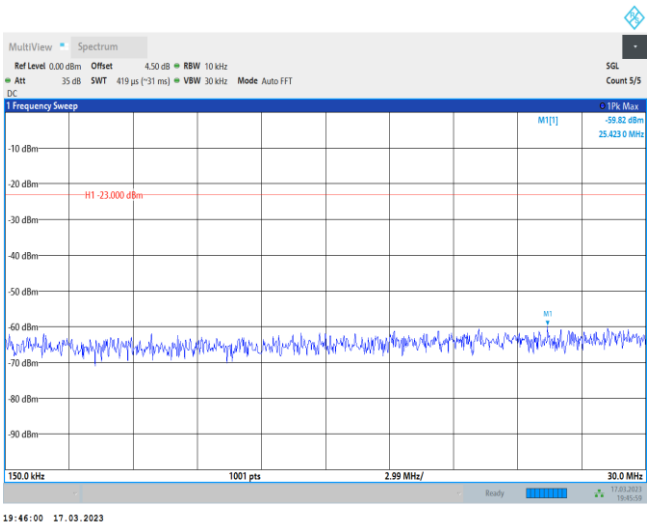
Band4-20MHz-QPSK-20300-1RB#0-Range1:0.009~0.15MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:0.15~30MHz



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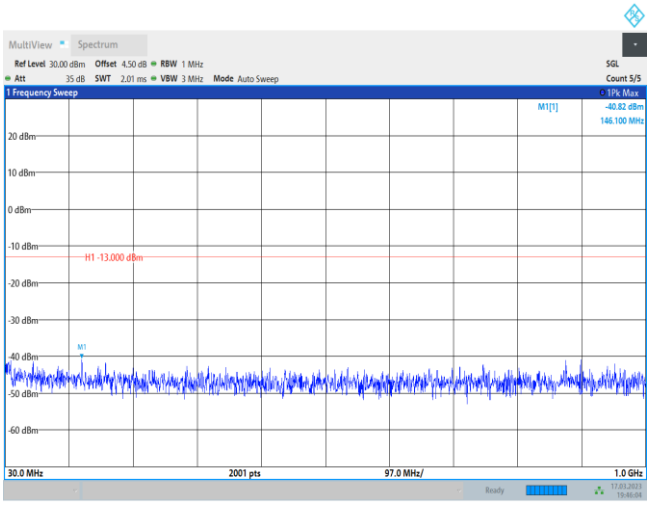
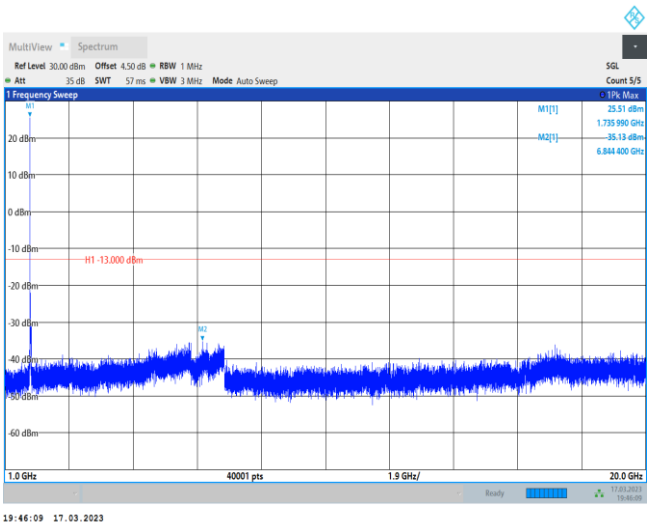
Band4-20MHz-QPSK-20300-1RB#0-Range3:30~1000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band4_20MHz_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	51.13	-46.28	29.45	-60.96	-13.00	47.96	185	44	Horizontal
2	5133	45.07	-45.34	32.95	-62.58	-13.00	49.58	126	133	Horizontal
3	6844.3600	56.88	-44.14	35.89	-46.63	-13.00	33.63	164	282	Horizontal
4	8555.4500	39.45	-41.46	37.66	-59.61	-13.00	46.61	251	87	Horizontal
5	10266.5400	34.69	-39.23	38.83	-60.97	-13.00	47.97	203	192	Horizontal
6	11977.6300	32.28	-37.51	38.95	-61.55	-13.00	48.55	167	87	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	3422.1800	53.63	-46.28	29.45	-58.46	-13.00	45.46	211	43	Vertical
2	4843.5	48.01	-45.54	32.44	-60.34	-13.00	47.34	210	133	Vertical
3	6844.3600	64.66	-44.14	35.89	-38.85	-13.00	25.85	248	178	Vertical
4	8555.4500	43.14	-41.46	37.66	-55.92	-13.00	42.92	265	164	Vertical
5	10266.5400	34.48	-39.23	38.83	-61.18	-13.00	48.18	158	357	Vertical
6	11977.6300	32.54	-37.51	38.95	-61.29	-13.00	48.29	209	299	Vertical

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Test Band = LTE Band4_20MHz _ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447	51.17	-46.27	29.47	-60.89	-13.00	47.89	150	102	Horizontal
2	5170.7700	42.64	-45.31	32.97	-64.95	-13.00	51.95	245	192	Horizontal
3	6894.3600	51.89	-44.10	35.95	-51.52	-13.00	38.52	193	282	Horizontal
4	8617.9500	38.13	-41.40	37.78	-60.75	-13.00	47.75	286	87	Horizontal
5	10341.5400	35.33	-39.06	38.85	-60.14	-13.00	47.14	156	357	Horizontal
6	12065.1300	32.62	-37.44	39.02	-61.06	-13.00	48.06	241	357	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	3447.1800	49.69	-46.27	29.47	-62.37	-13.00	49.37	205	88	Vertical
2	5170.7700	42.75	-45.31	32.97	-64.84	-13.00	51.84	168	134	Vertical
3	6894.3600	59.02	-44.10	35.95	-44.39	-13.00	31.39	235	208	Vertical
4	8617.9500	42.39	-41.40	37.78	-56.49	-13.00	43.49	164	179	Vertical
5	10341.5400	35.49	-39.06	38.85	-59.98	-13.00	46.98	182	14	Vertical
6	12065.1300	32.81	-37.44	39.02	-60.87	-13.00	47.87	226	239	Vertical

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Test Band = LTE Band4_20MHz _ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	47.73	-46.27	29.50	-64.30	-13.00	51.30	147	28	Horizontal
2	5208.2700	42.67	-45.26	32.98	-64.87	-13.00	51.87	221	148	Horizontal
3	6944.25	55.23	-43.86	36.01	-47.87	-13.00	34.87	187	103	Horizontal
4	8680.4500	39.27	-41.62	37.88	-59.73	-13.00	46.73	284	268	Horizontal
5	10416.5400	33.97	-38.97	38.88	-61.39	-13.00	48.39	171	312	Horizontal
6	12152.6300	33.11	-37.42	39.09	-60.48	-13.00	47.48	152	208	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	3472.1800	50.87	-46.27	29.50	-61.16	-13.00	48.16	265	282	Vertical
2	5208.2700	44.68	-45.26	32.98	-62.86	-13.00	49.86	214	133	Vertical
3	6944.25	64.82	-43.86	36.01	-38.28	-13.00	25.28	186	328	Vertical
4	8680.4500	41.27	-41.62	37.88	-57.73	-13.00	44.73	235	163	Vertical
5	10416.5400	34.36	-38.97	38.88	-61.00	-13.00	48.00	192	222	Vertical
6	12152.6300	33.18	-37.42	39.09	-60.41	-13.00	47.41	141	104	Vertical

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Test Band = LTE 4A_5A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1800	29.44	-24.82	25.37	-65.27	-13.00	52.27	137	323	Horizontal
2	2473.7700	30.37	-23.55	27.68	-60.75	-13.00	47.75	211	214	Horizontal
3	3298.3600	43.61	-46.45	29.56	-68.54	-13.00	55.54	159	30	Horizontal
4	3422.1800	52.71	-46.28	29.45	-59.38	-13.00	46.38	262	44	Horizontal
5	5133.2700	42.05	-45.34	32.95	-65.60	-13.00	52.60	148	210	Horizontal
6	6844.3600	55.44	-44.14	35.89	-48.07	-13.00	35.07	251	359	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	1649.1800	28.85	-24.82	25.37	-65.86	-13.00	52.86	238	272	Vertical
2	2473.7700	32.95	-23.55	27.68	-58.17	-13.00	45.17	174	214	Vertical
3	3298.3600	43.68	-46.45	29.56	-68.47	-13.00	55.47	165	60	Vertical
4	3422.1800	54.45	-46.28	29.45	-57.64	-13.00	44.64	289	134	Vertical
5	5133.2700	44.10	-45.34	32.95	-63.55	-13.00	50.55	244	331	Vertical
6	6844.3600	61.30	-44.14	35.89	-42.21	-13.00	29.21	155	120	Vertical

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