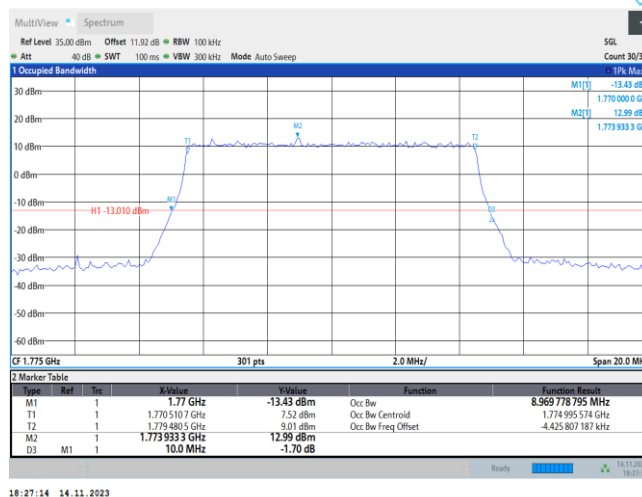


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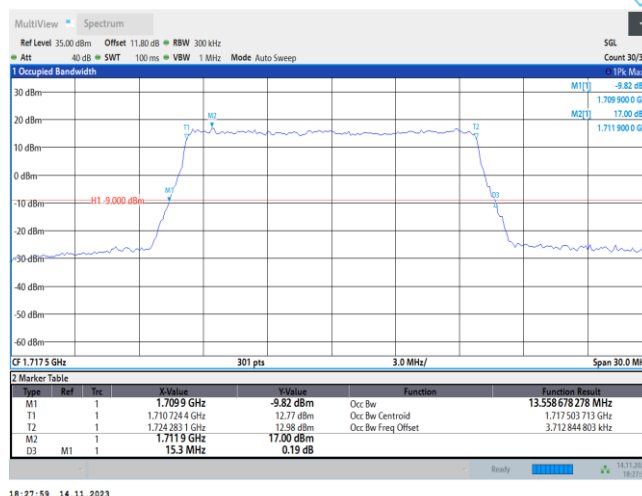
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Band66-10MHz-64QAM-132622-50RB#0



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



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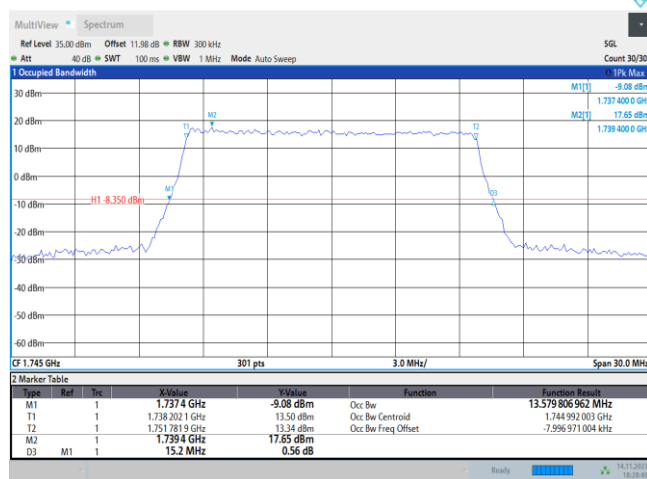
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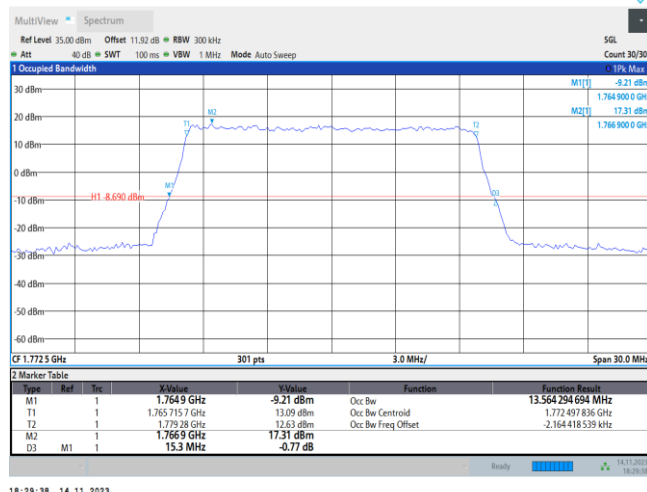
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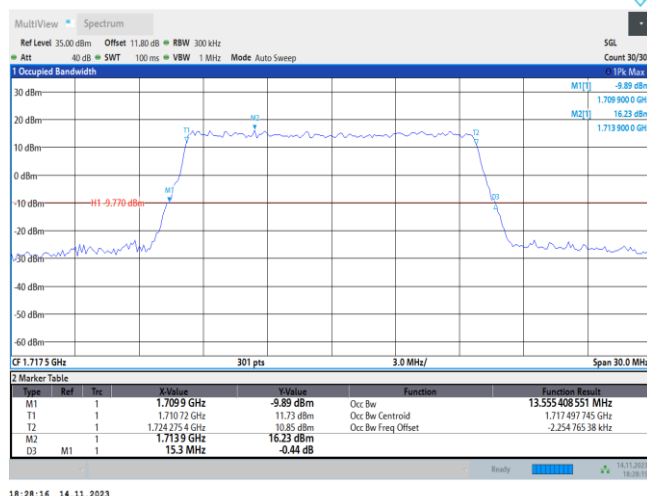
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Band66-15MHz-QPSK-132597-75RB#0



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



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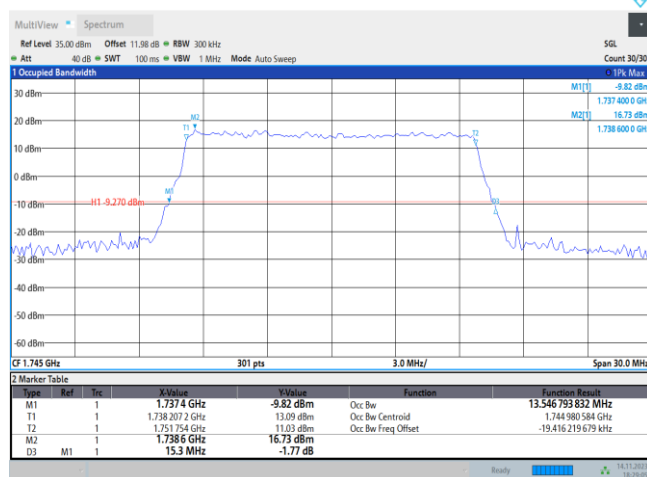
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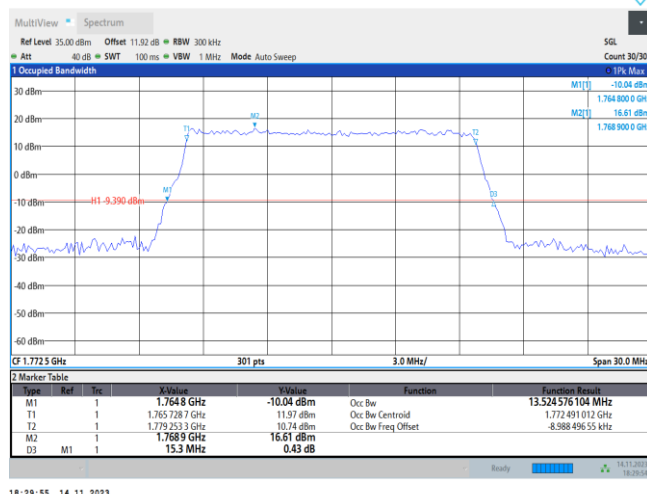
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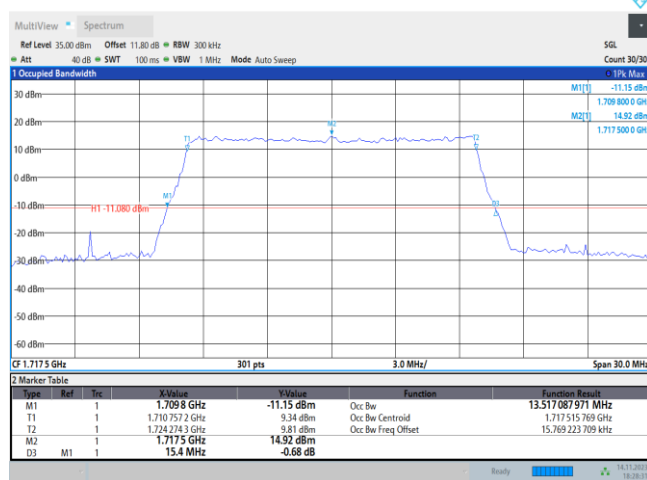
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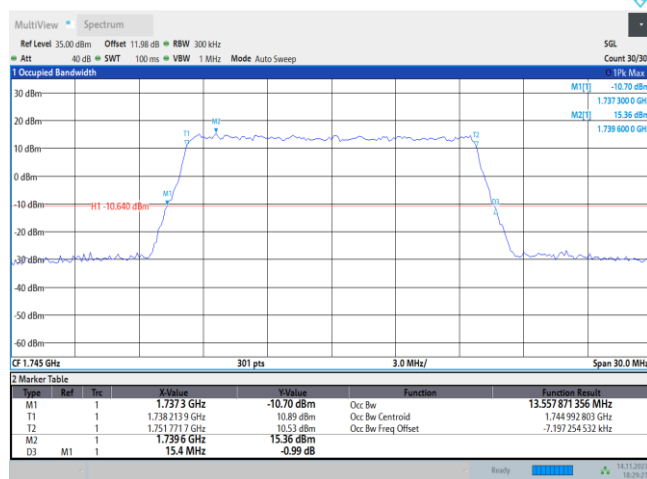
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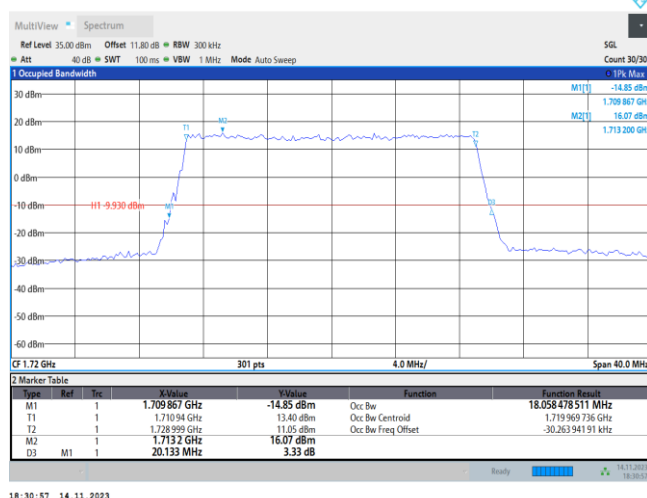
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Band66-20MHz-QPSK-132072-100RB#0



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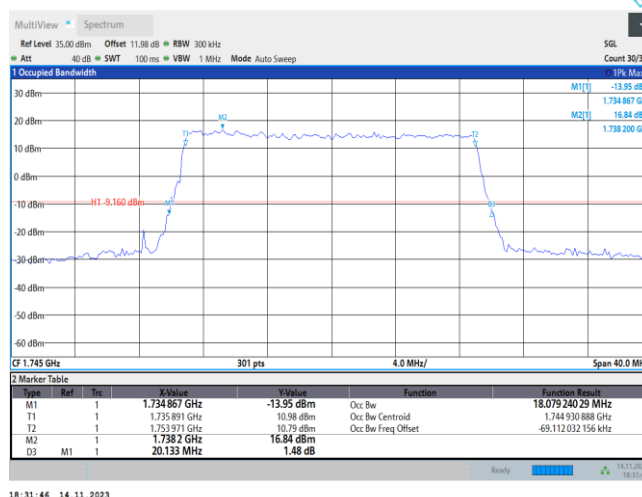
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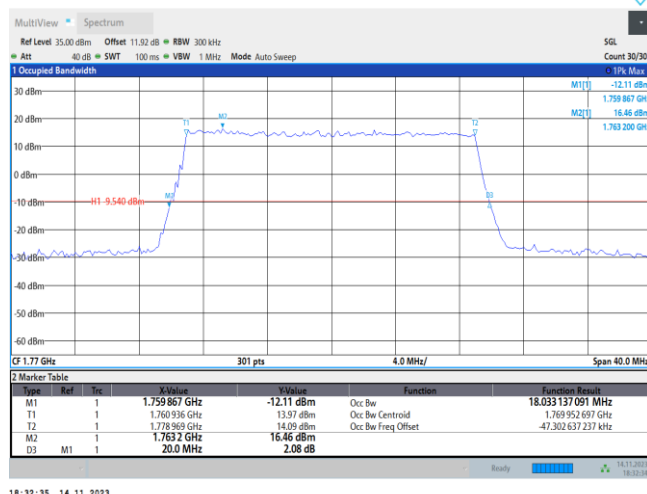
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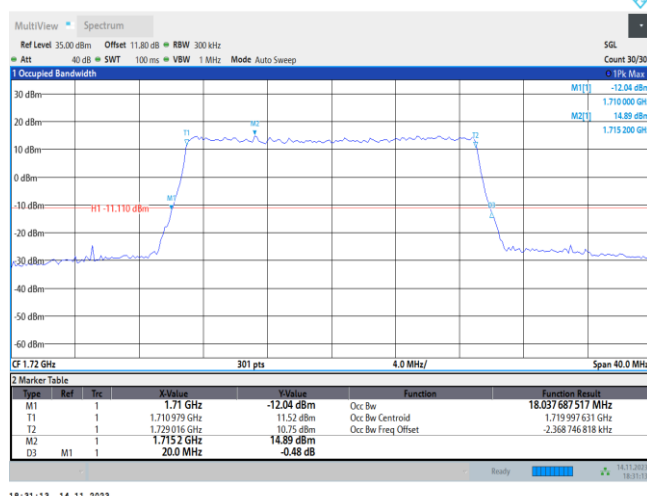
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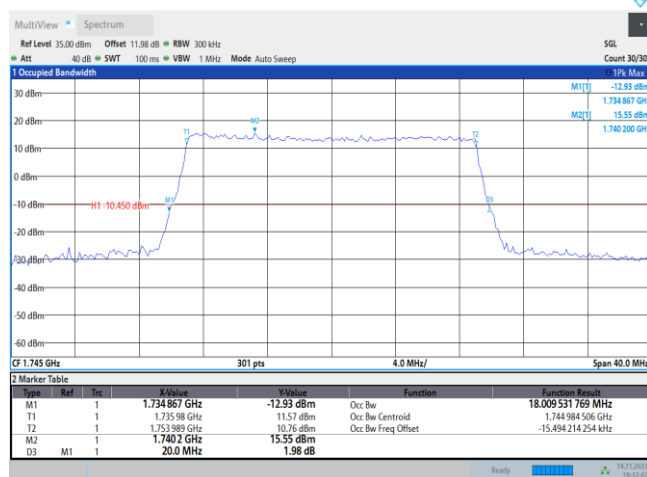
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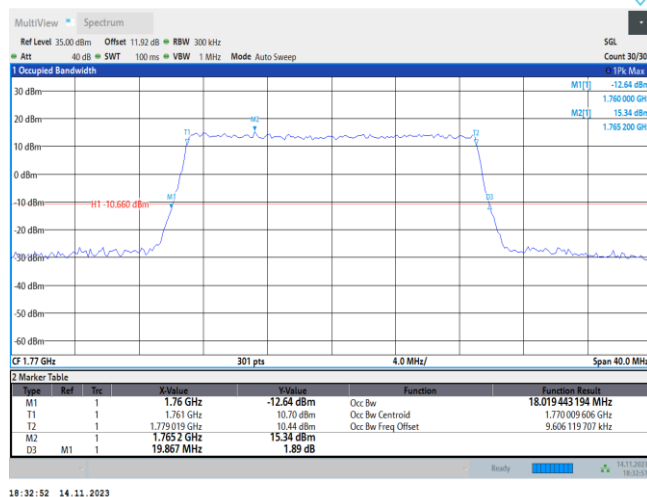
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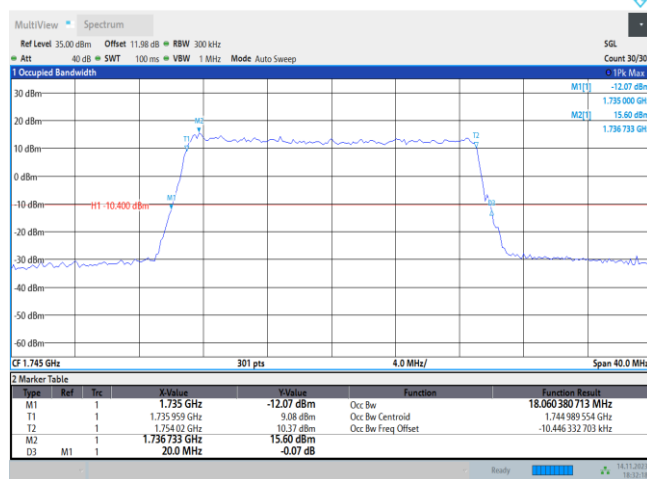
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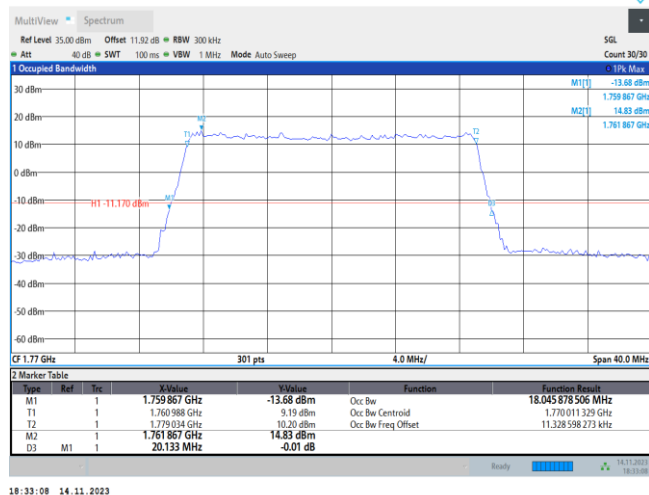
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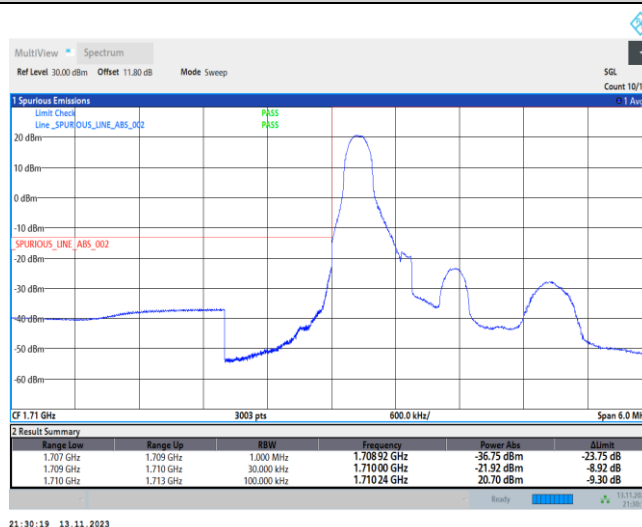
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Band Edge

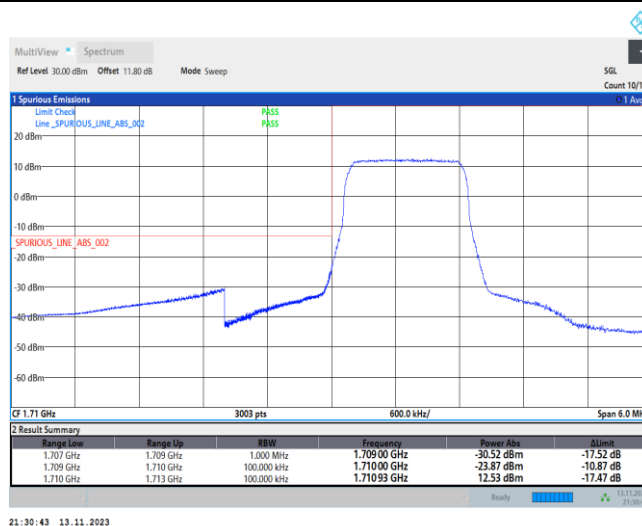
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Band66-1.4MHz-QPSK-131979-1RB#0



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



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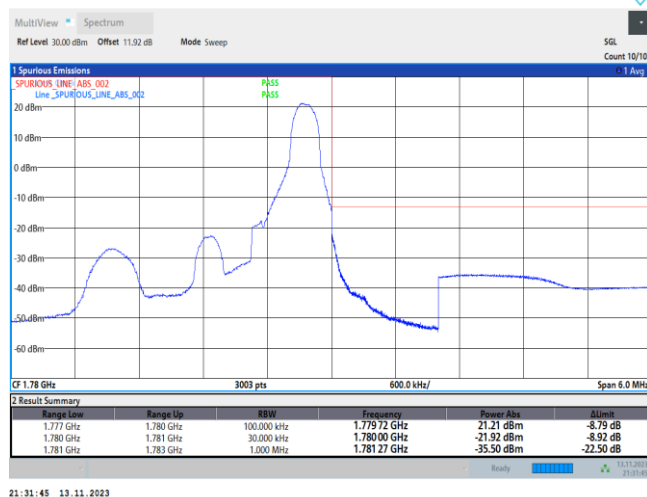
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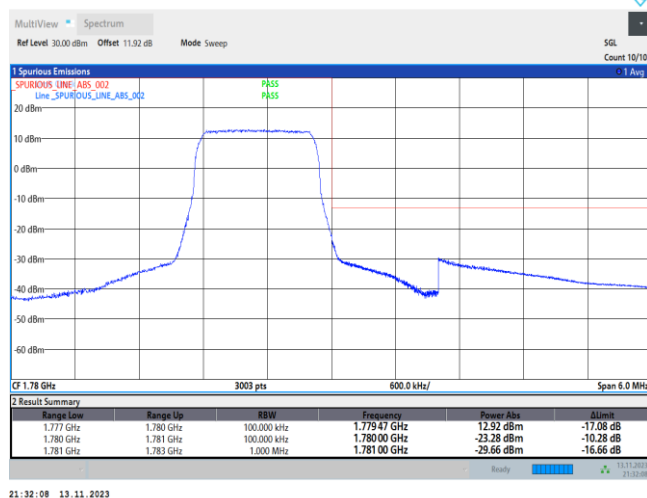
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Band66-1.4MHz-QPSK-132665-6RB#0



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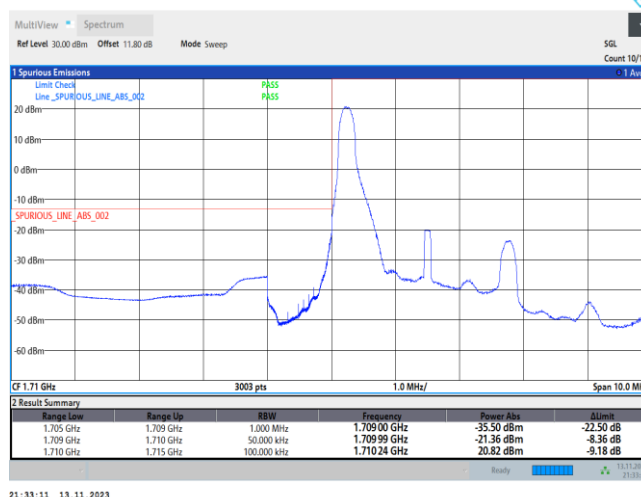
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Band66-3MHz-QPSK-131987-1RB#0



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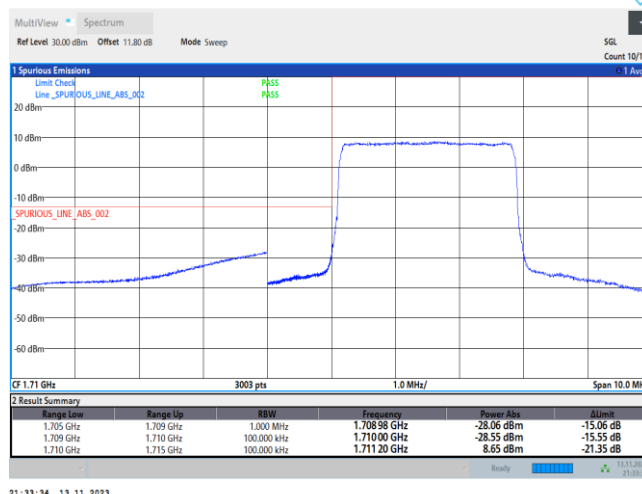
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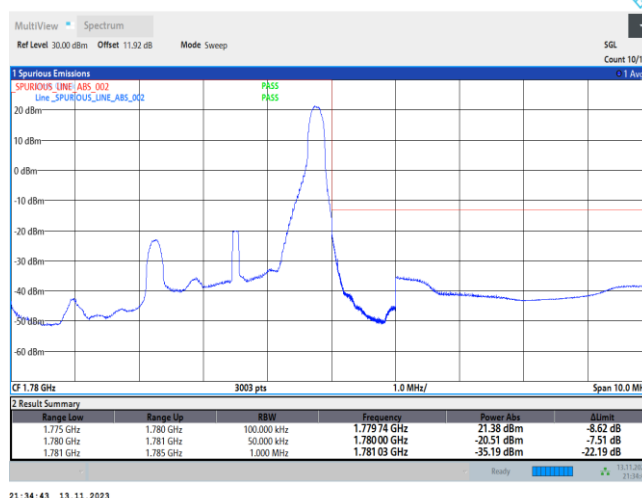
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Band66-3MHz-QPSK-132657-1RB#14



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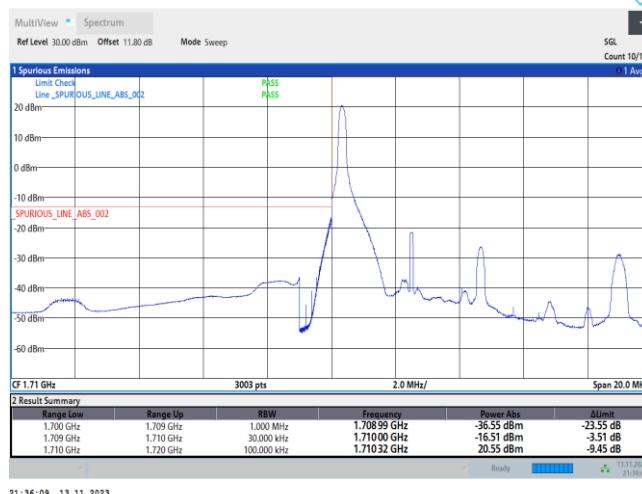
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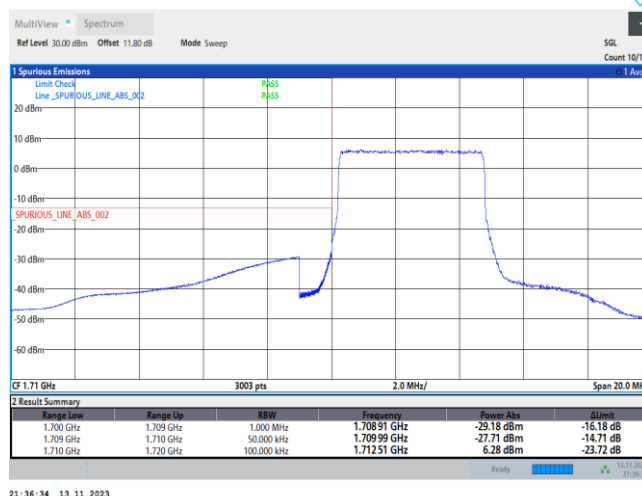
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Band66-5MHz-QPSK-131997-1RB#0



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



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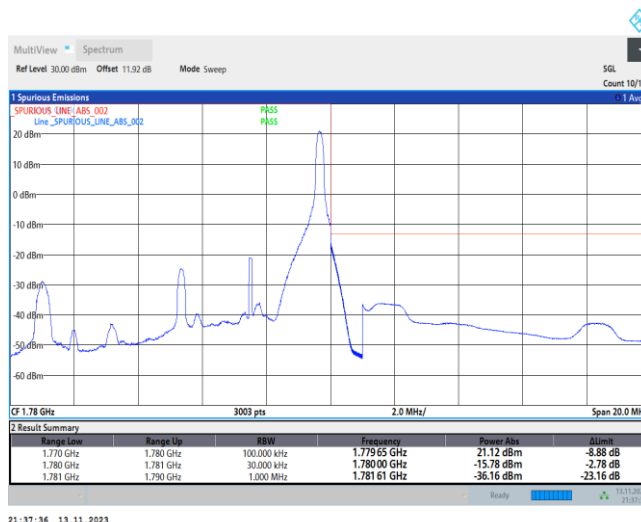
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Band66-5MHz-QPSK-132647-1RB#24



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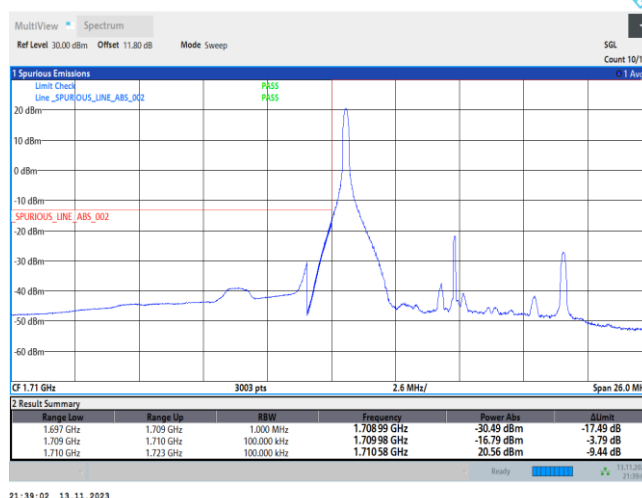
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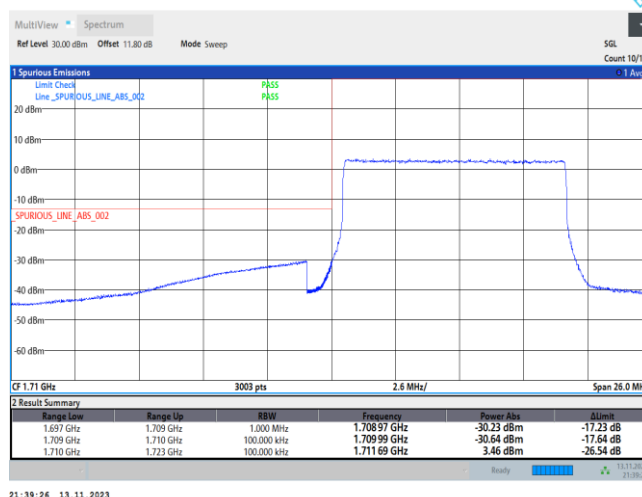
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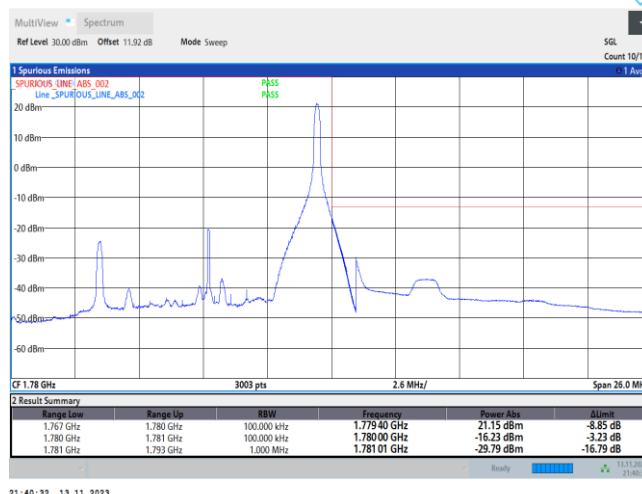
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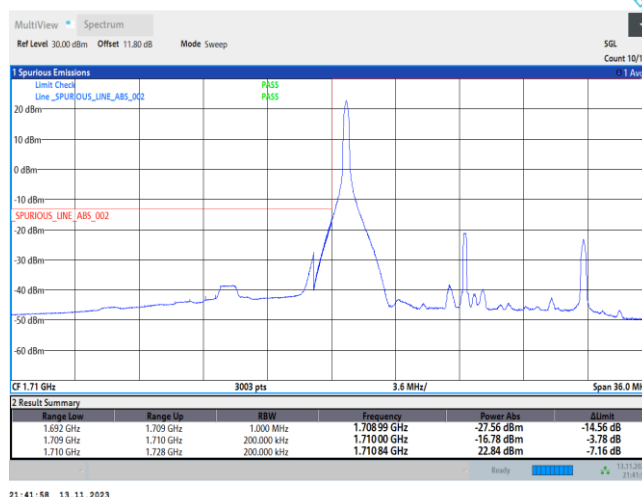
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Band66-15MHz-QPSK-132047-1RB#0



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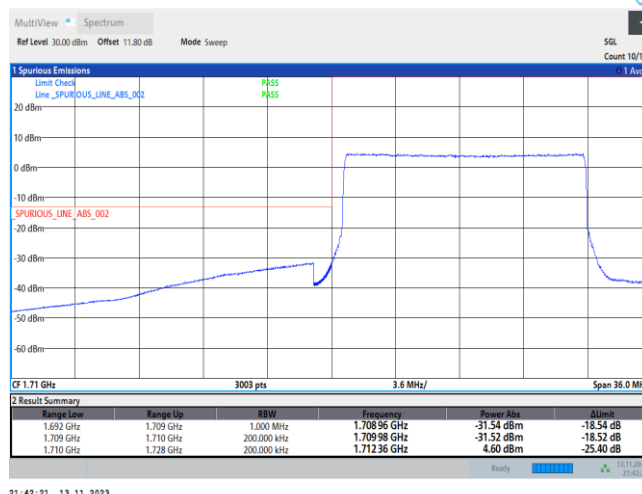
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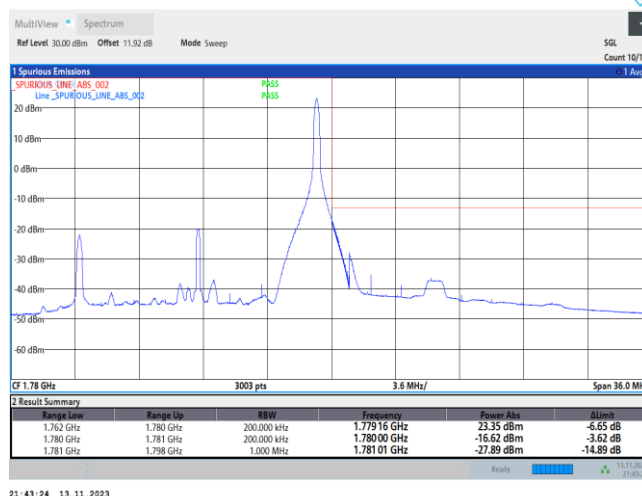
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Band66-15MHz-QPSK-132597-1RB#74



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



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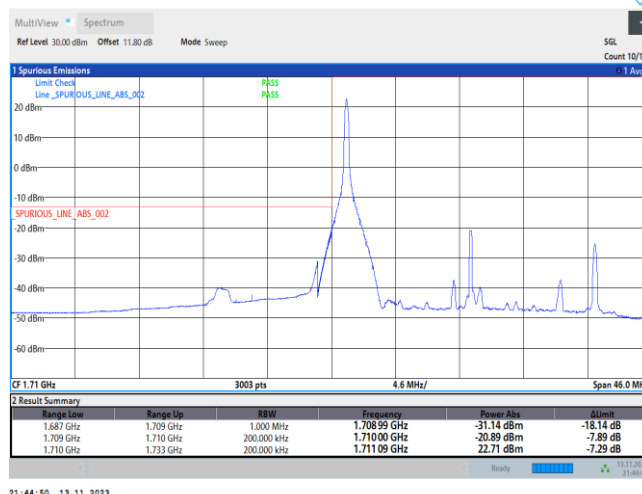
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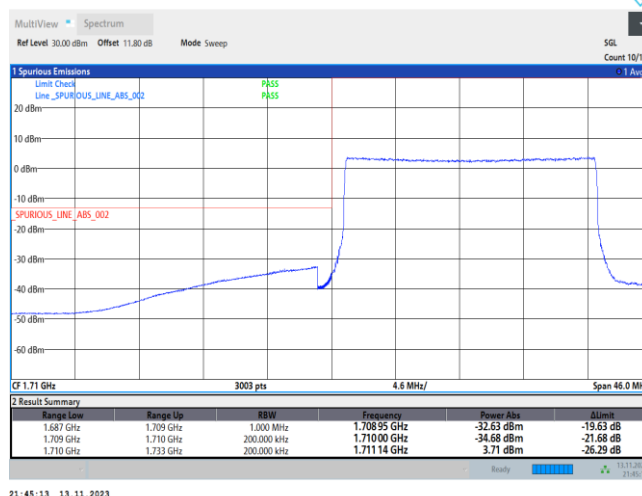
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Band66-20MHz-QPSK-132072-1RB#0



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



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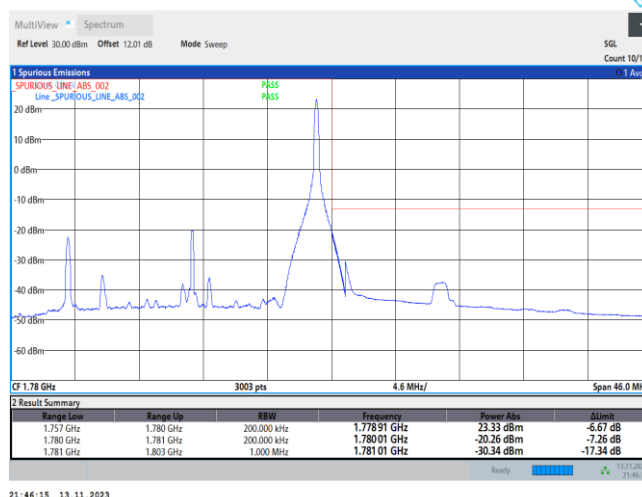
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Band66-20MHz-QPSK-132572-1RB#99

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



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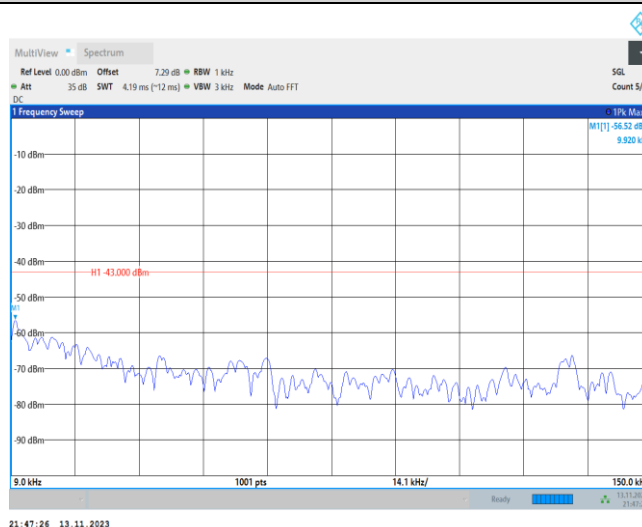
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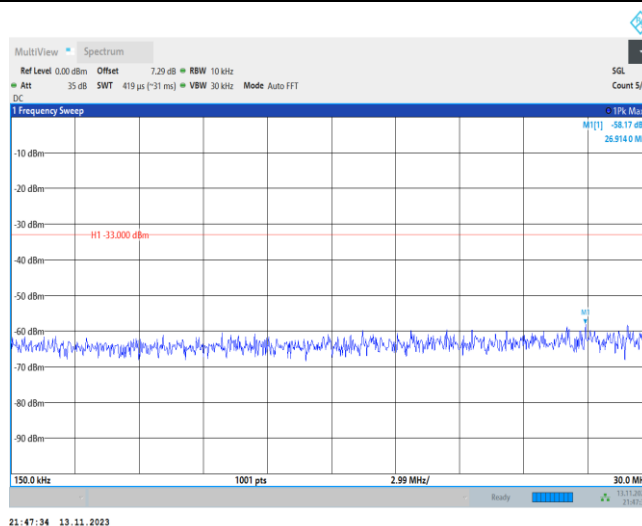
Conducted Spurious Emission

Test Graphs

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



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



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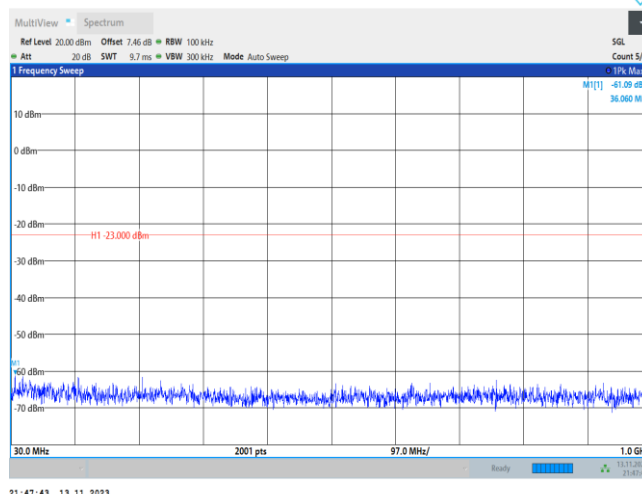
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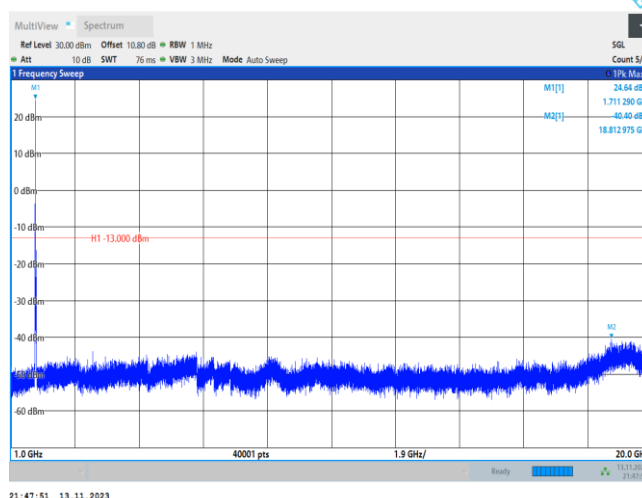
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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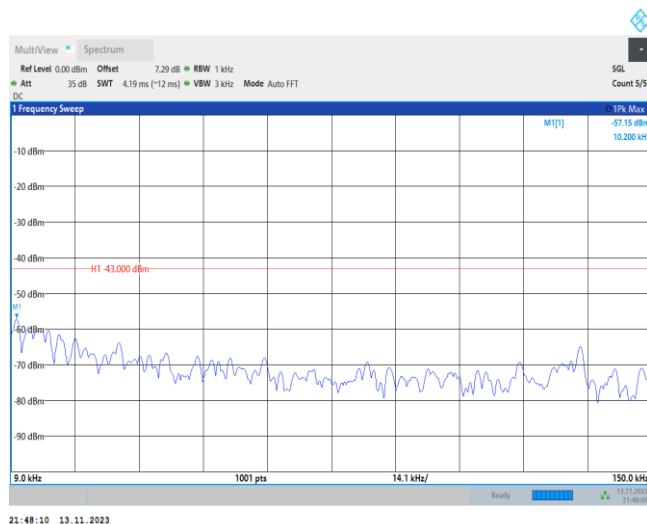
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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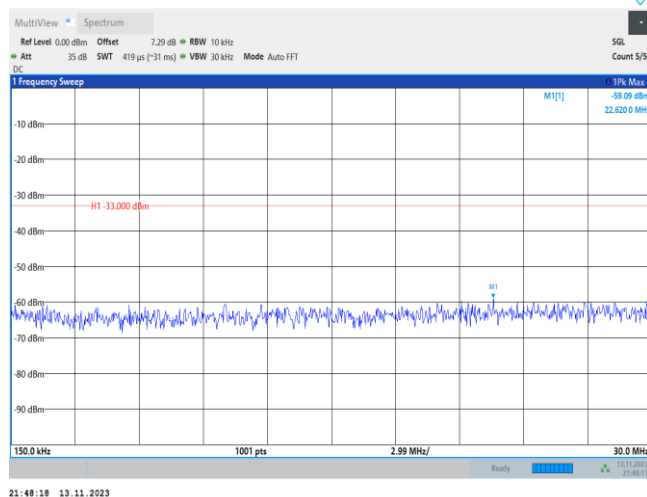
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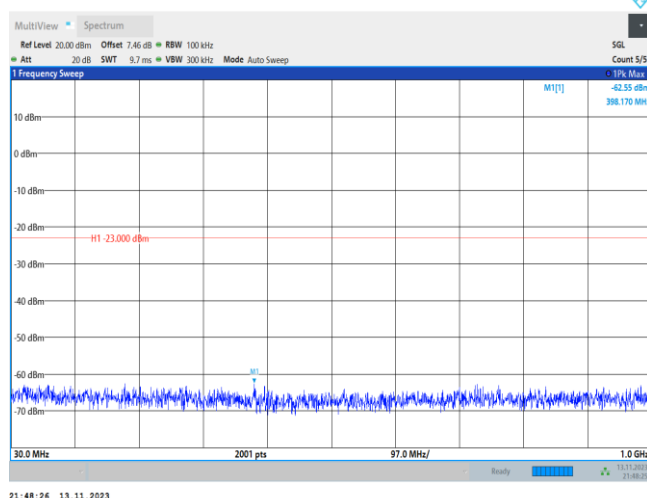
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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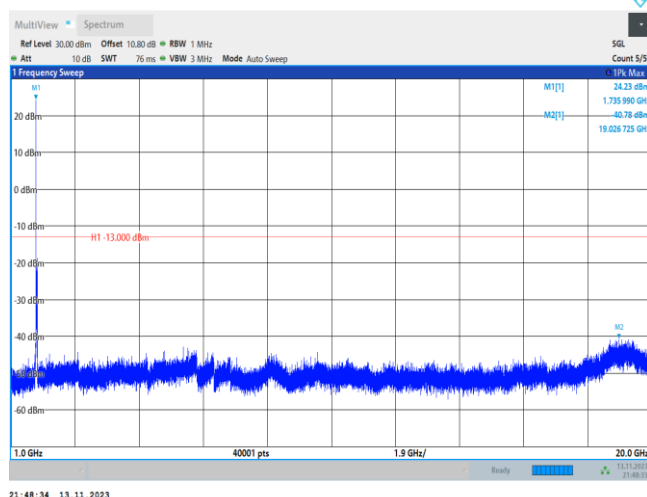
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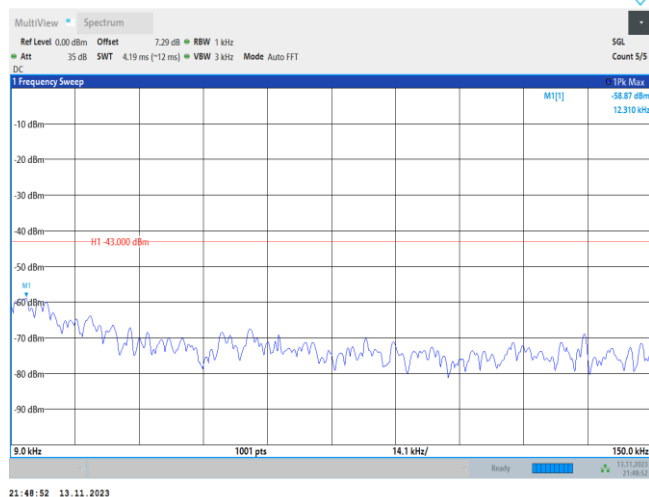
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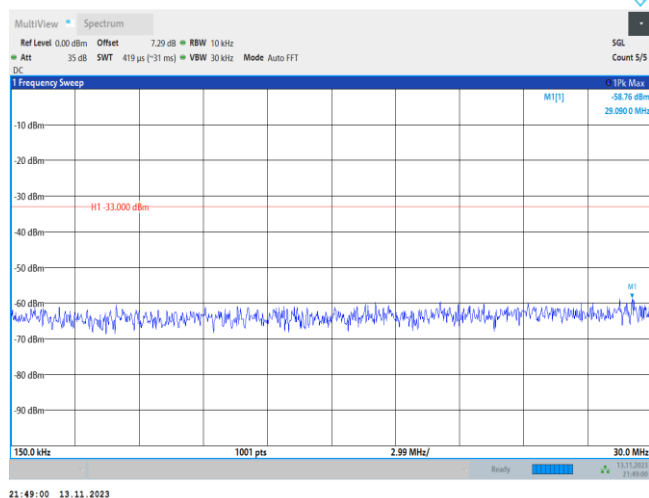
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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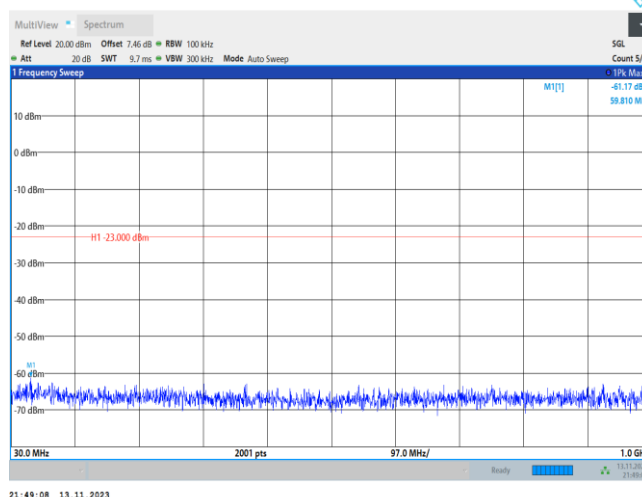
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Band66~20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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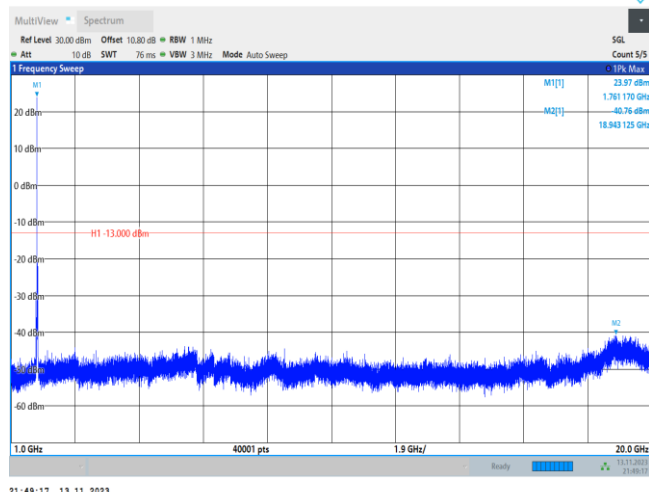
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Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation**Test Band = LTE_B66****Test Channel = LCH**

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.2711	59.35	-50.15	29.71	-56.35	-13.00	43.35	Horizontal
2	5016.1008	51.08	-47.11	33.20	-58.09	-13.00	45.09	Horizontal
3	6369.9185	50.90	-45.17	34.68	-54.85	-13.00	41.85	Horizontal
4	8537.5269	49.59	-42.43	38.80	-49.30	-13.00	36.30	Horizontal
5	9481.8241	50.13	-41.45	39.13	-47.45	-13.00	34.45	Horizontal
6	15026.1013	48.55	-38.96	39.87	-45.80	-13.00	32.80	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2659.4574	39.55	-17.55	28.34	-44.92	-13.00	31.92	Vertical
2	3422.2711	59.99	-50.15	29.71	-55.71	-13.00	42.71	Vertical
3	5129.3565	52.15	-47.10	33.56	-56.65	-13.00	43.65	Vertical
4	7113.9557	49.70	-43.87	36.96	-52.47	-13.00	39.47	Vertical
5	9525.3263	50.05	-41.56	39.15	-47.62	-13.00	34.62	Vertical
6	15014.8507	48.75	-38.88	39.89	-45.50	-13.00	32.50	Vertical



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Test Band = LTE_B66

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5236	57.80	-49.63	29.69	-57.40	-13.00	44.40	Horizontal
2	5141.3571	52.00	-47.06	33.58	-56.74	-13.00	43.74	Horizontal
3	6944.4472	53.24	-44.49	36.38	-50.13	-13.00	37.13	Horizontal
4	8551.0276	49.19	-42.26	39.08	-49.25	-13.00	36.25	Horizontal
5	12187.9594	47.59	-38.00	39.46	-46.21	-13.00	33.21	Horizontal
6	17987.9994	49.98	-43.90	42.73	-46.45	-13.00	33.45	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3471.7736	57.45	-49.64	29.69	-57.76	-13.00	44.76	Vertical
2	4842.0921	52.12	-47.64	32.74	-58.04	-13.00	45.04	Vertical
3	6943.6972	53.39	-44.50	36.37	-50.00	-13.00	37.00	Vertical
4	9484.0742	49.96	-41.46	39.14	-47.62	-13.00	34.62	Vertical
5	15026.8513	48.75	-38.97	39.87	-45.61	-13.00	32.61	Vertical
6	17985.7493	49.61	-43.85	42.71	-46.79	-13.00	33.79	Vertical



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Test Band = LTE_B66

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.0261	60.01	-49.33	29.93	-54.65	-13.00	41.65	Horizontal
2	5144.3572	51.85	-47.05	33.59	-56.87	-13.00	43.87	Horizontal
3	7044.2022	53.15	-44.86	36.32	-50.65	-13.00	37.65	Horizontal
4	9477.3239	49.98	-41.43	39.11	-47.60	-13.00	34.60	Horizontal
5	15041.1021	48.76	-39.08	39.86	-45.72	-13.00	32.72	Horizontal
6	17996.9998	49.74	-44.12	42.78	-46.86	-13.00	33.86	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.0261	60.13	-49.33	29.93	-54.53	-13.00	41.53	Vertical
2	5237.3619	52.16	-46.46	33.12	-56.44	-13.00	43.44	Vertical
3	7044.2022	52.07	-44.86	36.32	-51.73	-13.00	38.73	Vertical
4	8542.7771	49.40	-42.36	38.93	-49.29	-13.00	36.29	Vertical
5	12184.9592	47.70	-38.01	39.45	-46.12	-13.00	33.12	Vertical
6	17981.2491	49.55	-43.74	42.69	-46.76	-13.00	33.76	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

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-4.00	-0.002292	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-14.10	-0.008080	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-6.60	-0.003782	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-2.50	-0.001433	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-2.20	-0.001261	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-4.40	-0.002521	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-1.80	-0.001032	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-1.00	-0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-5.50	-0.003152	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-3.10	-0.001777	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-4.50	-0.002579	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-2.50	-0.001433	PASS

---End of Attachment---



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