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# Appendix B.16

## LTE Band 66



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.96	25.96	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	24.04	26.04	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.98	25.98	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.99	24.99	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	24.02	26.02	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	24.03	26.03	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	24.05	26.05	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	23.11	25.11	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	24.27	26.27	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	24.32	26.32	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	24.33	26.33	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	23.32	25.32	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	23.21	25.21	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.44	25.44	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	23.36	25.36	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	22.10	24.10	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	23.49	25.49	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.42	25.42	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	23.55	25.55	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	22.08	24.08	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	23.79	25.79	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	23.79	25.79	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	23.68	25.68	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	22.47	24.47	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.00	26.00	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	24.13	26.13	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	24.04	26.04	30.00	PASS



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Band66	3MHz	QPSK	131987	15RB#0	23.20	25.20	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	24.03	26.03	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	24.14	26.14	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	24.06	26.06	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.08	25.08	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	24.41	26.41	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	24.46	26.46	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	24.37	26.37	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.39	25.39	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.38	25.38	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	23.49	25.49	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	23.38	25.38	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	22.12	24.12	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	23.42	25.42	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.44	25.44	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	23.53	25.53	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.11	24.11	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	23.57	25.57	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	23.81	25.81	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.70	25.70	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	22.34	24.34	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	24.18	26.18	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	24.08	26.08	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	24.14	26.14	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	23.23	25.23	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	24.06	26.06	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	24.11	26.11	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	24.14	26.14	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	23.17	25.17	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	24.56	26.56	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	24.24	26.24	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	24.30	26.30	30.00	PASS



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Band66	5MHz	QPSK	132647	25RB#0	23.37	25.37	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	23.43	25.43	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.55	25.55	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	23.46	25.46	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	22.26	24.26	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	23.35	25.35	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	23.37	25.37	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	23.29	25.29	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	22.20	24.20	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.76	25.76	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	23.56	25.56	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.59	25.59	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.37	24.37	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.38	25.38	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.07	26.07	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	24.73	26.73	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.16	25.16	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.50	25.50	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.03	26.03	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	24.56	26.56	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	23.17	25.17	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.71	25.71	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	24.43	26.43	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	24.83	26.83	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.42	25.42	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.74	24.74	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.30	25.30	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.83	25.83	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	22.35	24.35	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.90	24.90	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.38	25.38	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.87	25.87	30.00	PASS



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Band66	10MHz	16QAM	132322	50RB#0	22.08	24.08	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.95	24.95	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.72	25.72	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	24.14	26.14	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	22.48	24.48	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	24.28	26.28	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	24.10	26.10	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	24.32	26.32	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	23.15	25.15	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	24.19	26.19	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.90	25.90	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	24.18	26.18	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.22	25.22	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	24.28	26.28	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	24.09	26.09	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	24.38	26.38	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.03	25.03	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.65	25.65	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	23.40	25.40	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	23.66	25.66	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	22.20	24.20	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	23.55	25.55	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	23.32	25.32	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	23.44	25.44	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.89	23.89	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.57	25.57	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.33	25.33	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	23.60	25.60	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	22.18	24.18	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.81	25.81	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.93	25.93	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	24.56	26.56	30.00	PASS



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Band66	20MHz	QPSK	132072	100RB#0	23.25	25.25	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.75	25.75	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.94	25.94	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	24.34	26.34	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.98	24.98	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.79	25.79	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	24.05	26.05	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	24.51	26.51	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	23.19	25.19	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.11	25.11	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	23.39	25.39	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	24.01	26.01	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	22.15	24.15	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.96	24.96	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.28	25.28	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.60	25.60	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.95	23.95	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.04	25.04	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.29	25.29	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	24.02	26.02	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.07	24.07	30.00	PASS



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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.48	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.70	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.32	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.24	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.48	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.14	13	PASS

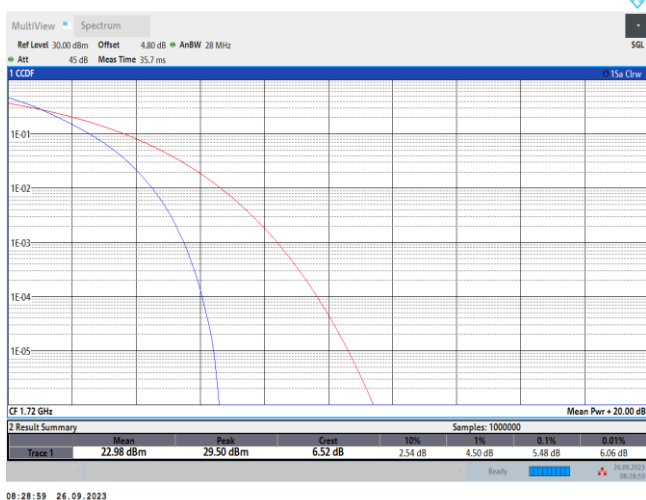


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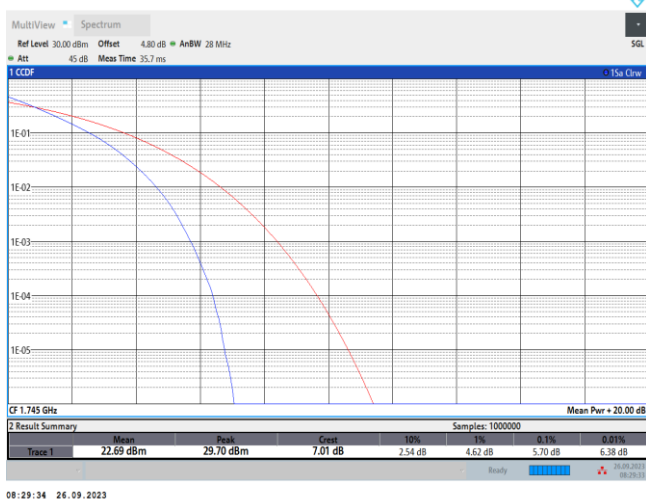
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Test Graphs

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



Band66-20MHz-QPSK-132322-100RB#0



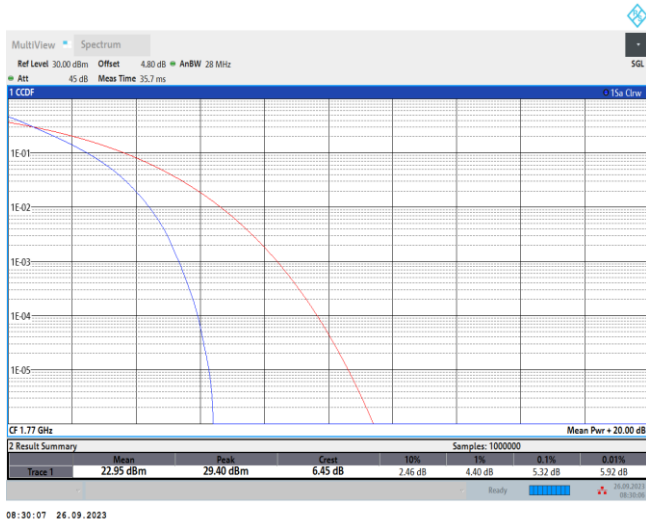
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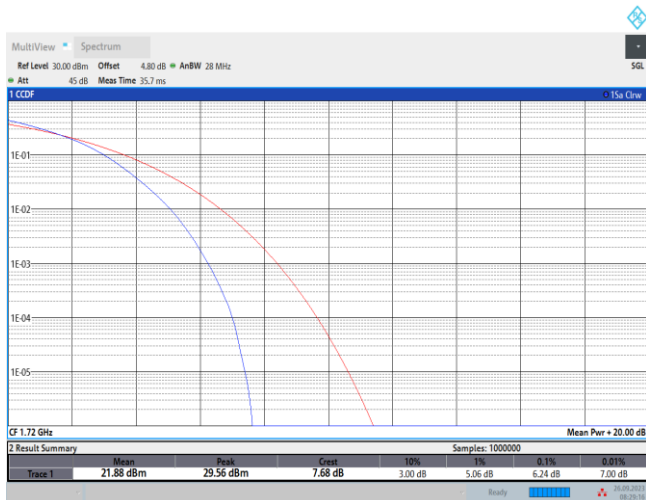


Band66-20MHz-QPSK-132572-100RB#0



08:30:07 26.09.2023

Band66-20MHz-16QAM-132072-100RB#0



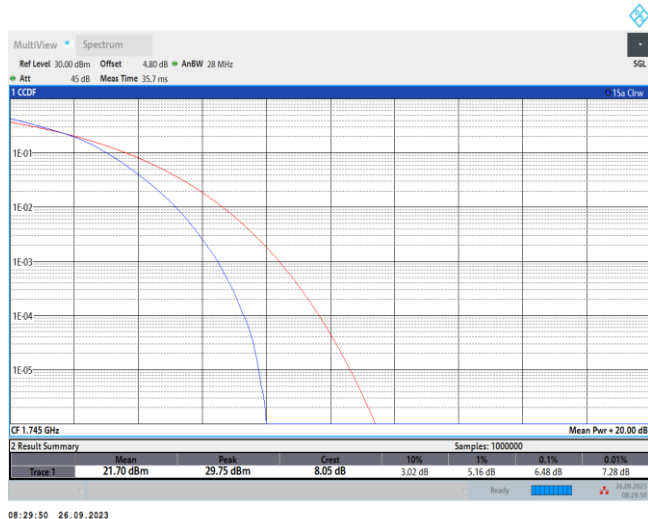
08:29:16 26.09.2023



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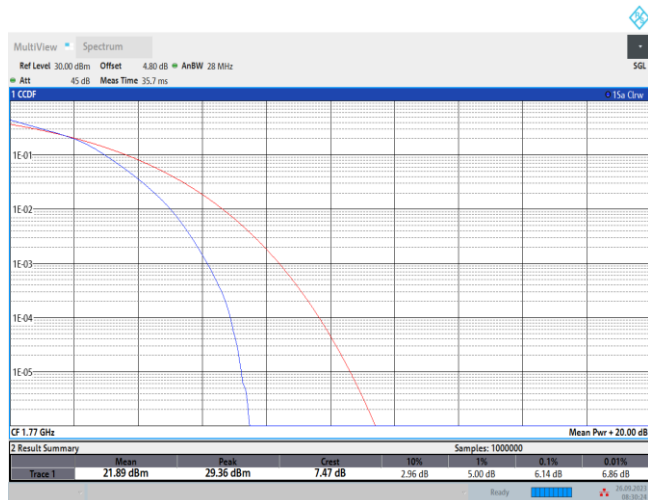
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Band66-20MHz-16QAM-132322-100RB#0



08:29:50 26.09.2023

Band66-20MHz-16QAM-132572-100RB#0



08:30:24 26.09.2023



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	132322	6RB#0	1.089	1.29	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.097	1.31	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.694	2.98	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.687	2.98	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.467	4.90	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.469	4.96	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.916	9.72	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.919	9.62	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.469	14.82	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.459	14.82	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.927	19.44	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.893	19.40	PASS



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Test Graphs



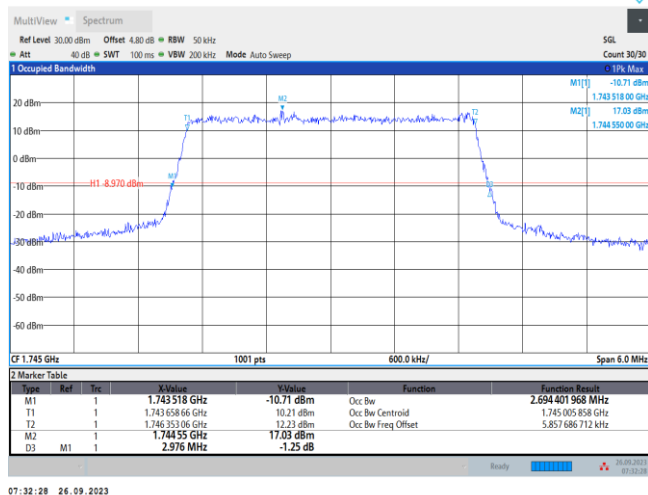
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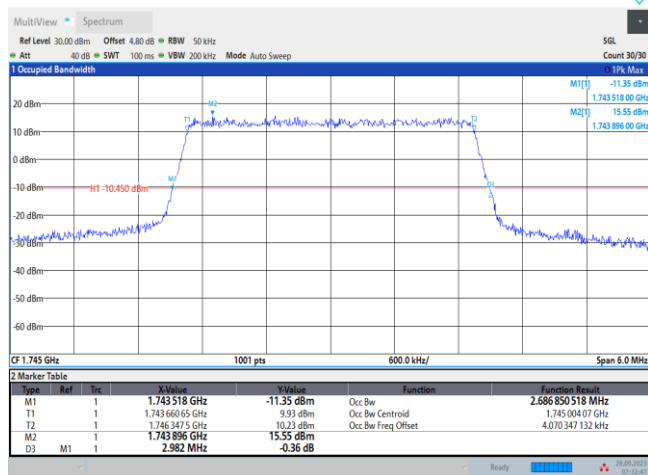


Band66-3MHz-QPSK-132322-15RB#0



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Band66-3MHz-16QAM-132322-15RB#0



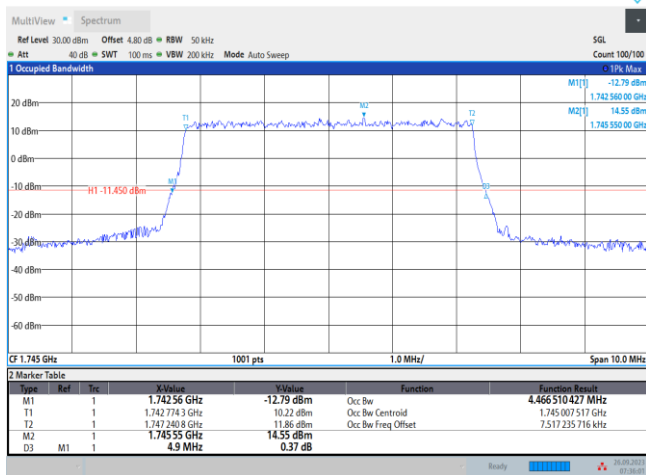
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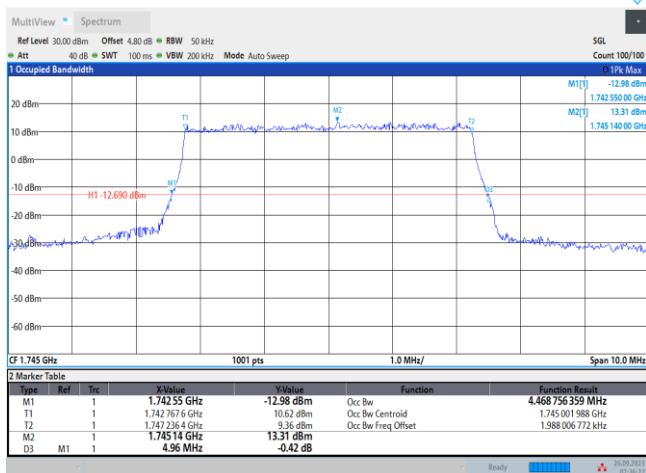
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Band66-5MHz-QPSK-132322-25RB#0



07:36:02 26.09.2023

Band66-5MHz-16QAM-132322-25RB#0



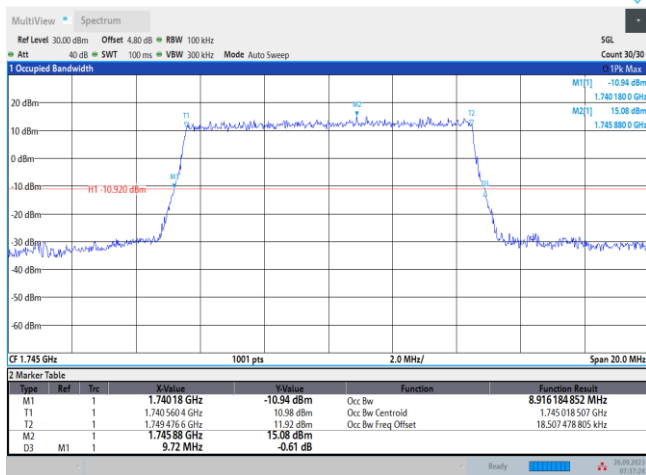
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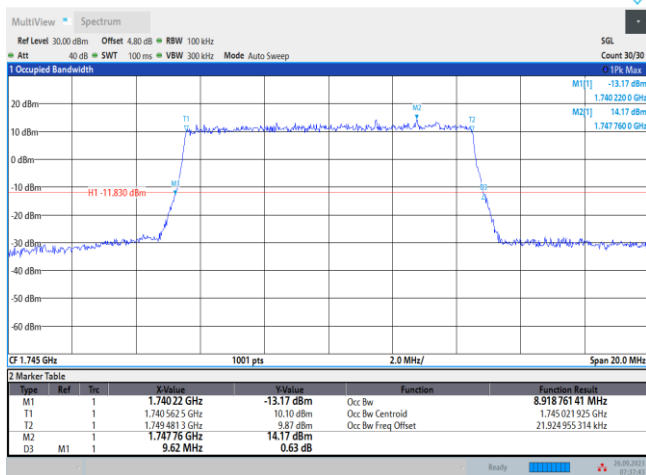
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Band66-10MHz-QPSK-132322-50RB#0



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Band66-10MHz-16QAM-132322-50RB#0



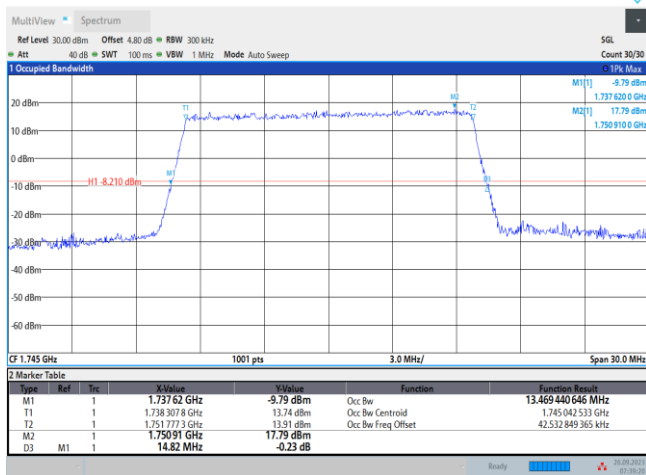
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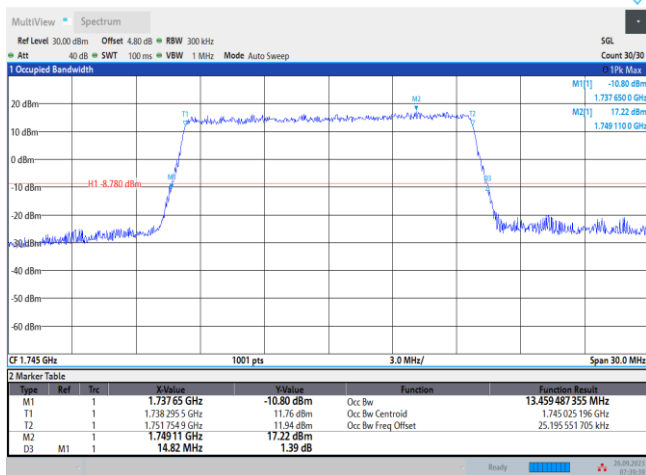
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Band66-15MHz-QPSK-132322-75RB#0



07:39:21 26.09.2023

Band66-15MHz-16QAM-132322-75RB#0



07:39:40 26.09.2023

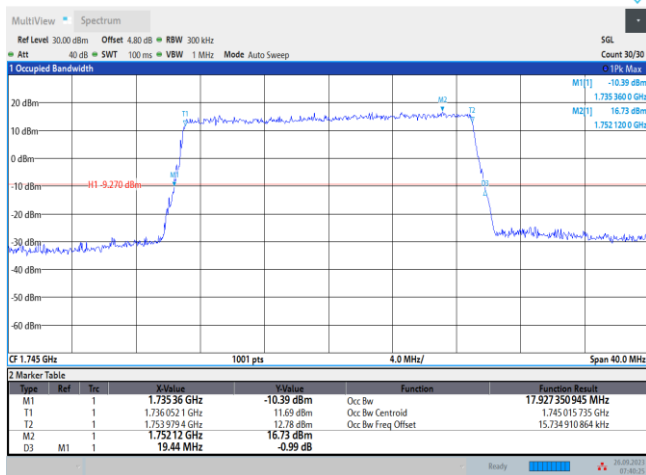


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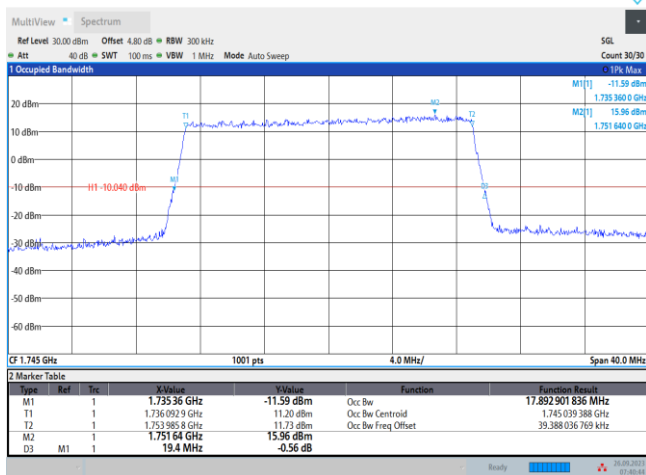


Band66-20MHz-QPSK-132322-100RB#0



07:40:26 26.09.2023

Band66-20MHz-16QAM-132322-100RB#0



07:40:44 26.09.2023



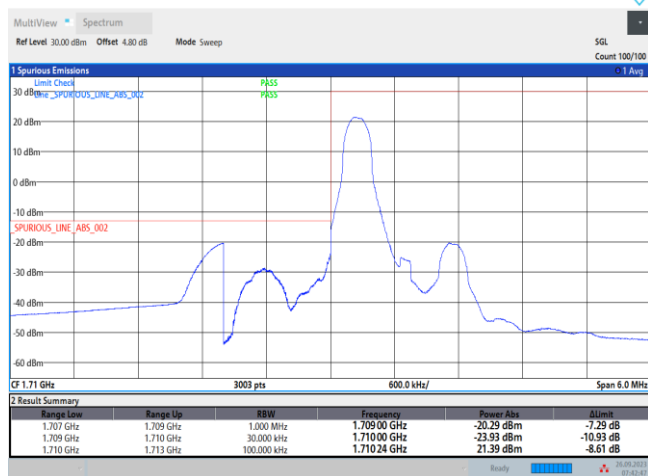
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## Band Edge

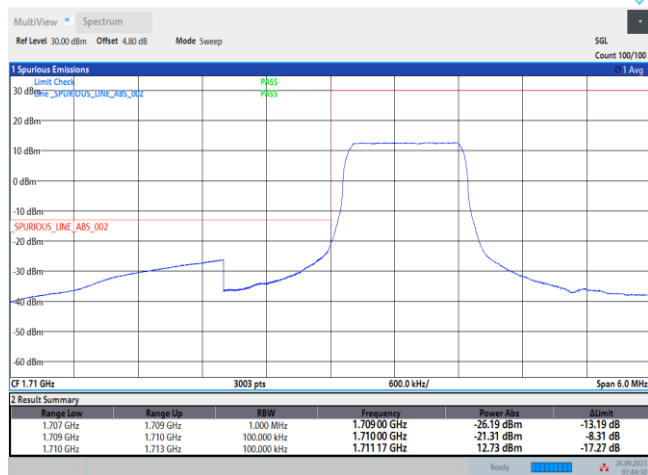
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Band66-1.4MHz-QPSK-131979-1RB#0



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



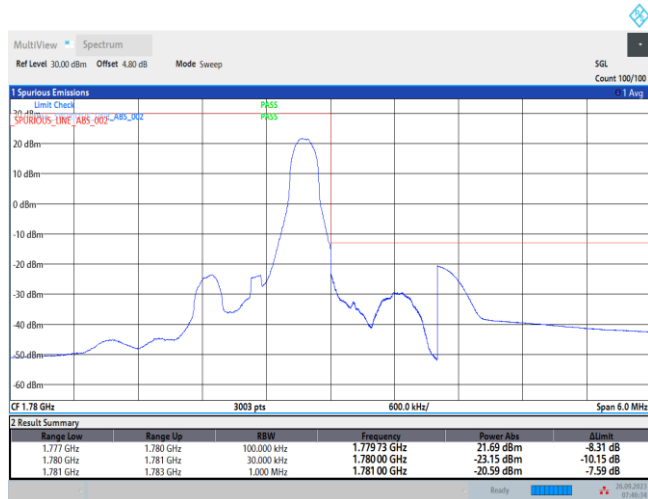
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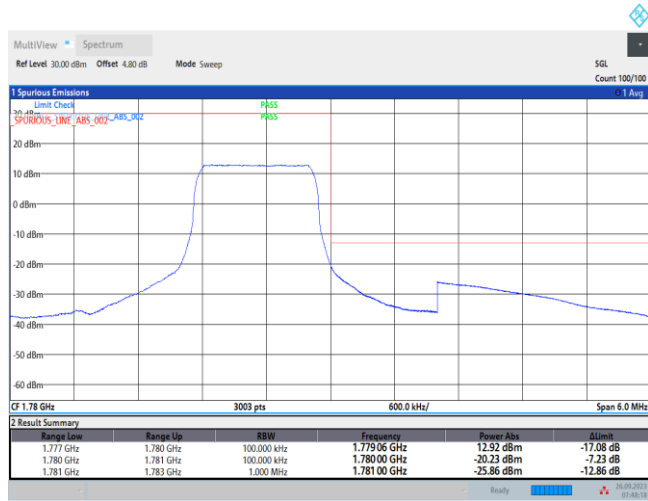
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Band66-1.4MHz-QPSK-132665-1RB#5



07:46:34 26.09.2023

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



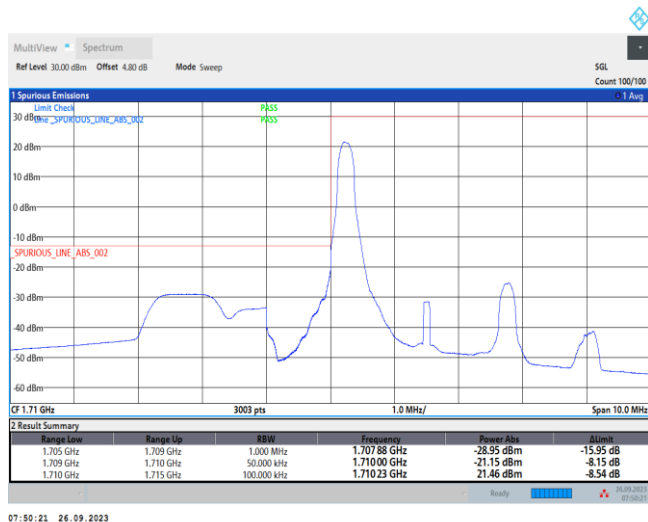
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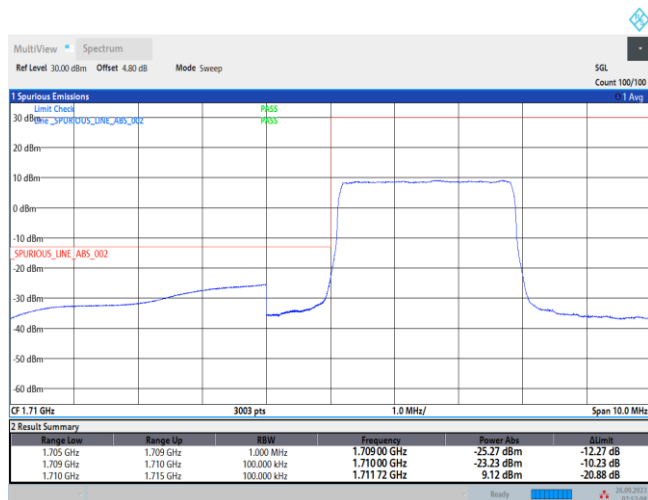
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Band66-3MHz-QPSK-131987-1RB#0



07:50:21 26.09.2023

Band66-3MHz-QPSK-131987-15RB#0



07:52:05 26.09.2023



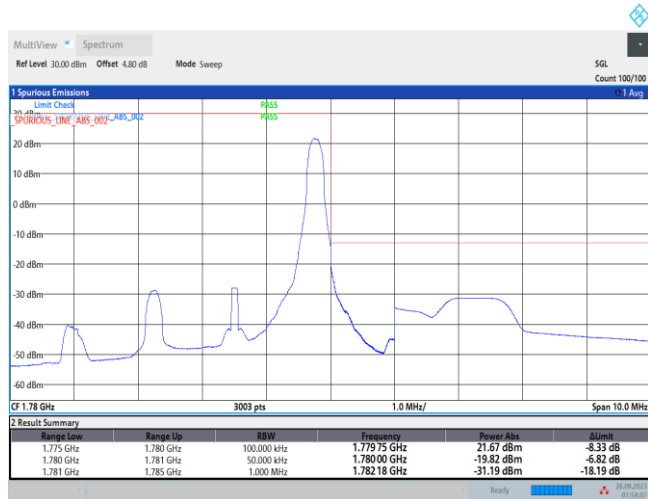
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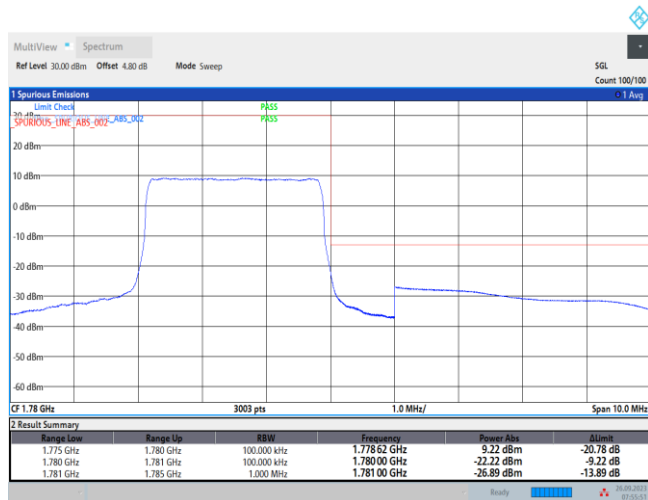


Band66-3MHz-QPSK-132657-1RB#14



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Band66-3MHz-QPSK-132657-15RB#0



07:55:51 26.09.2023

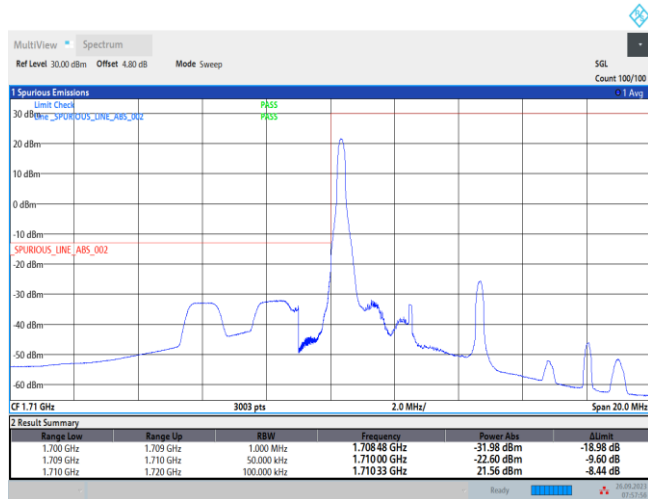


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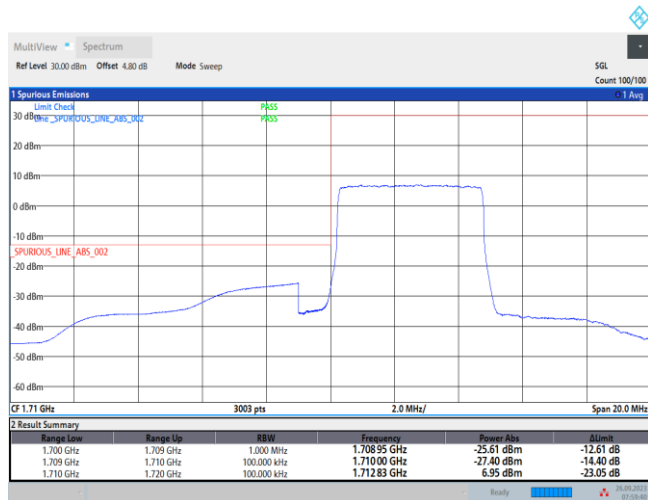
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Band66-5MHz-QPSK-131997-1RB#0



07:57:56 26.09.2023

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



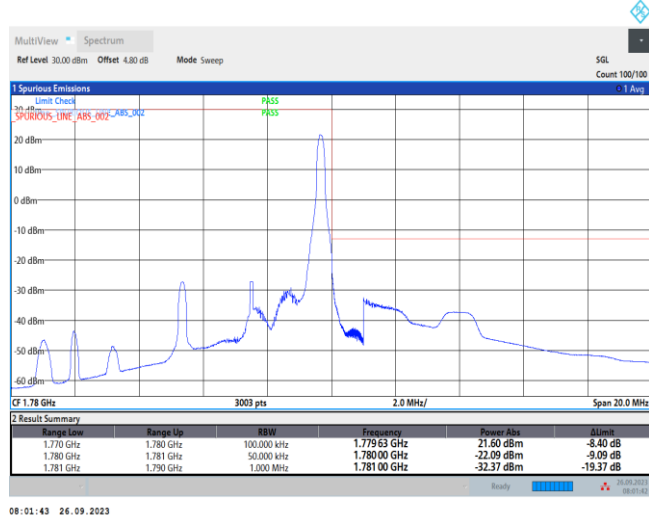
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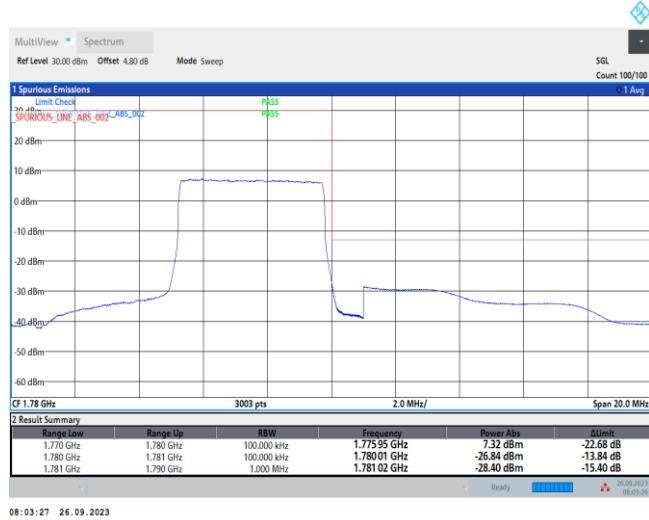
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Band66-5MHz-QPSK-132647-1RB#24



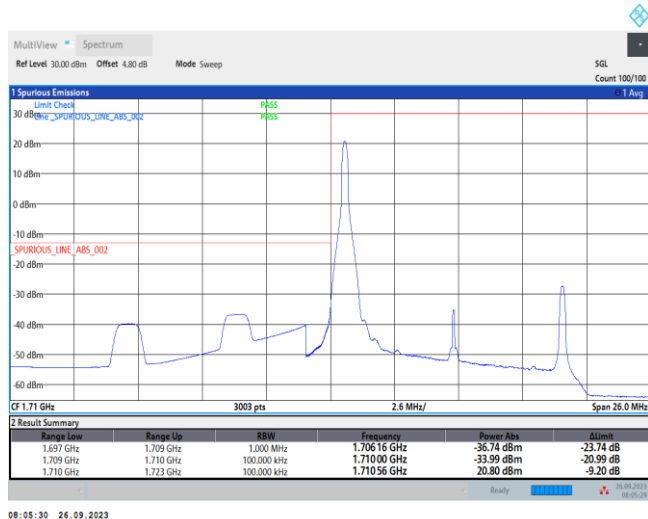
Band66-5MHz-QPSK-132647-25RB#0



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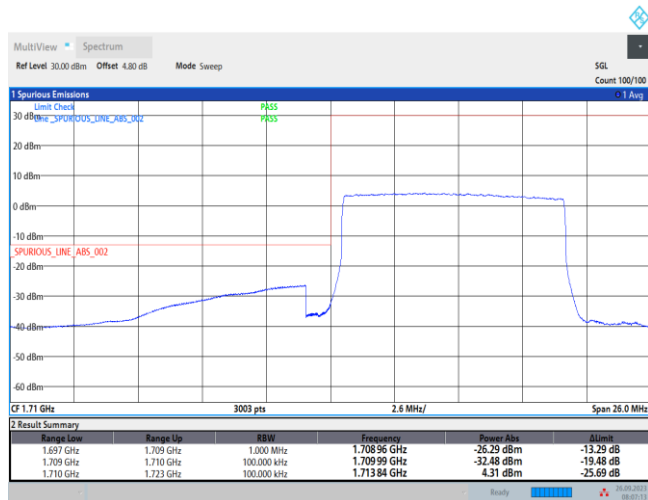
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Band66-10MHz-QPSK-132022-1RB#0



08:05:30 26.09.2023

Band66-10MHz-QPSK-132022-50RB#0



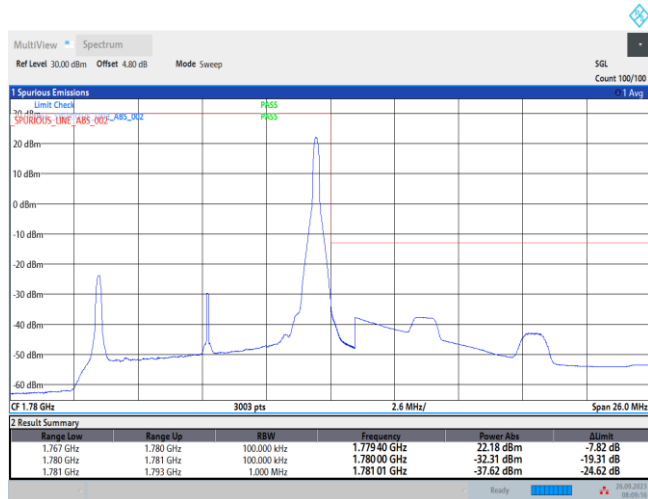
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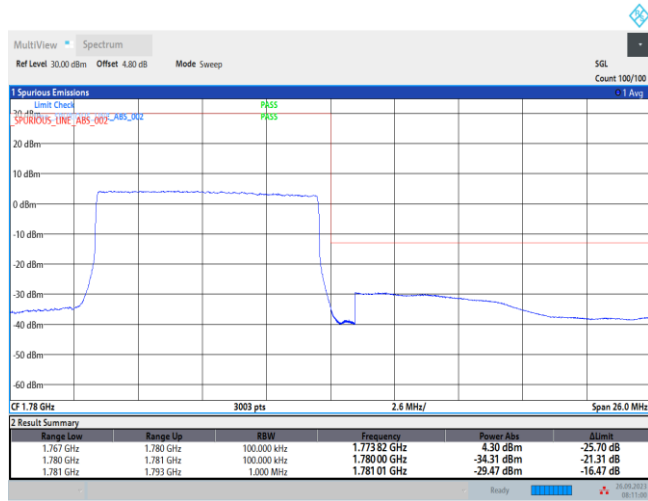
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Band66-10MHz-QPSK-132622-1RB#49



08:09:16 26.09.2023

Band66-10MHz-QPSK-132622-50RB#0



08:11:00 26.09.2023

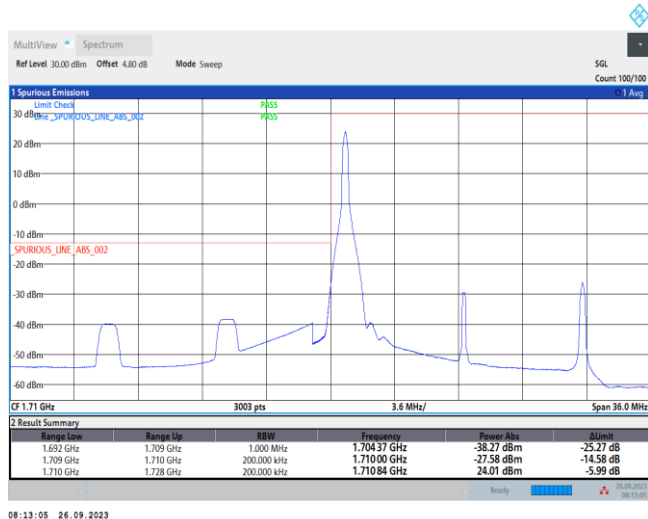


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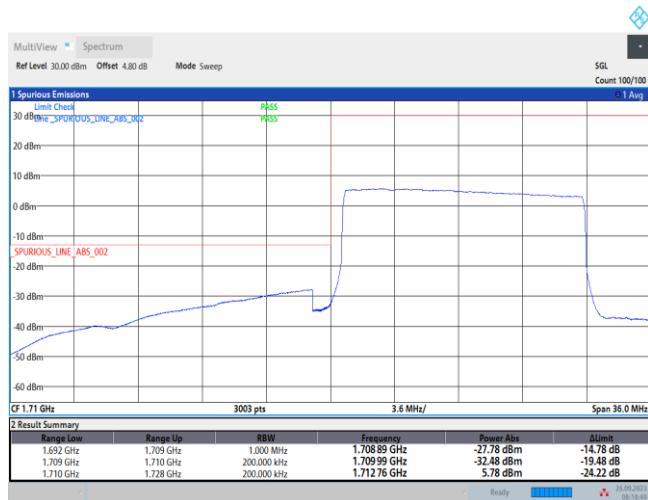


Band66-15MHz-QPSK-132047-1RB#0



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



08:14:49 26.09.2023

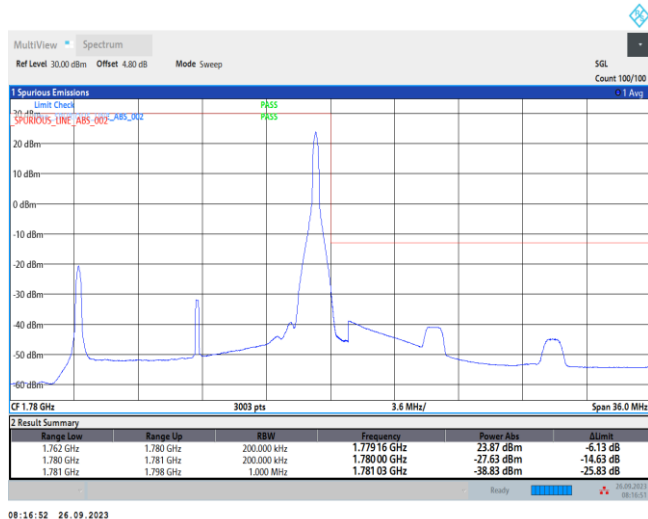


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Band66-15MHz-QPSK-132597-1RB#74



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

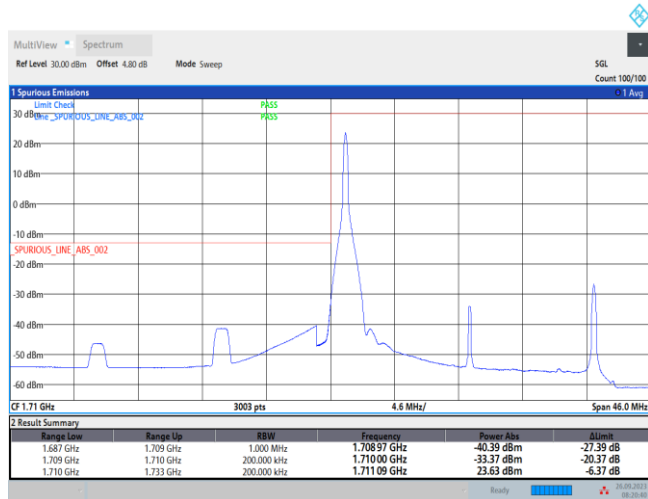


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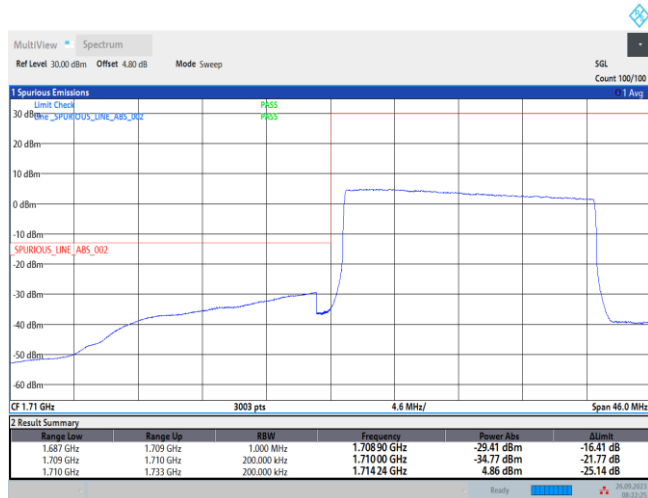
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Band66-20MHz-QPSK-132072-1RB#0



08:20:41 26.09.2023

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

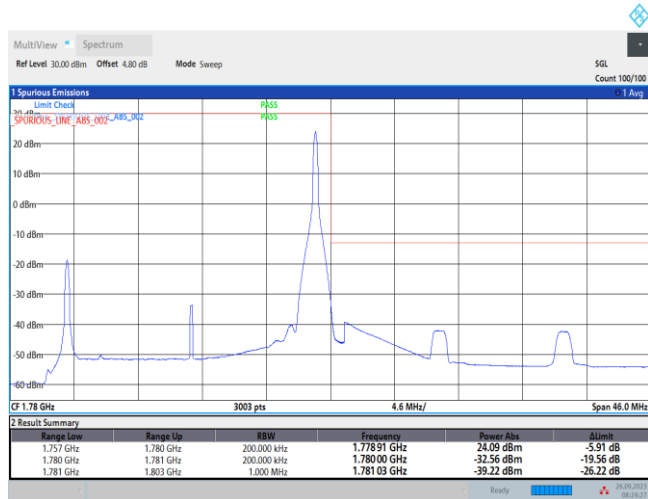


08:22:25 26.09.2023



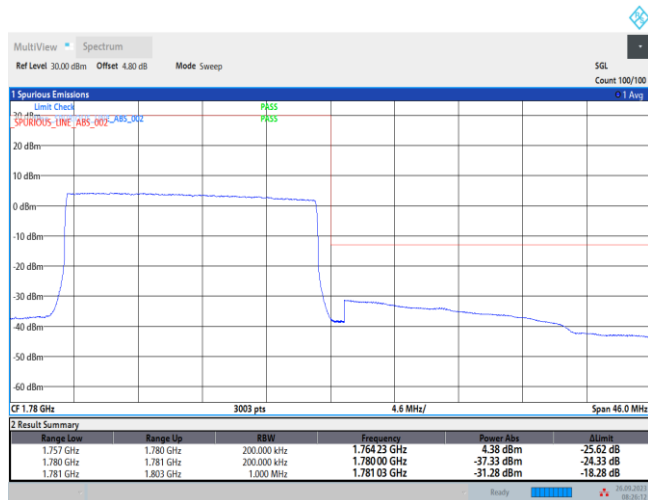
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Band66-20MHz-QPSK-132572-1RB#99



08:24:28 26.09.2023

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



08:26:12 26.09.2023



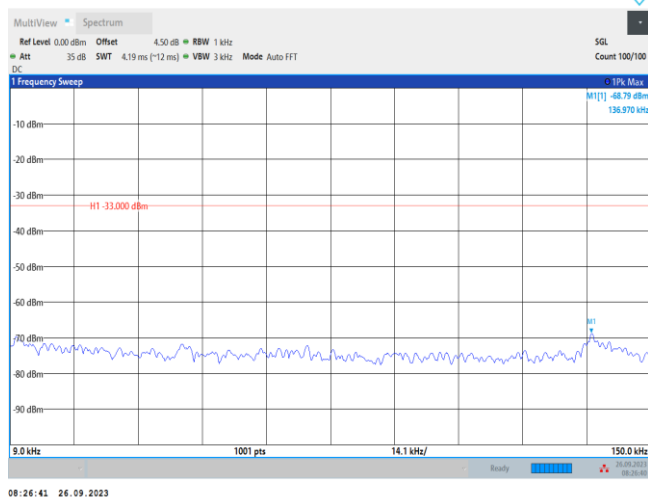
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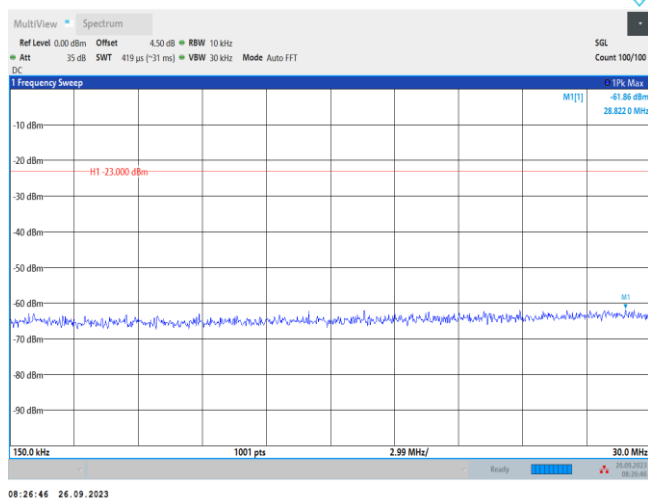
## Conducted Spurious Emission

### Test Graphs

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



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

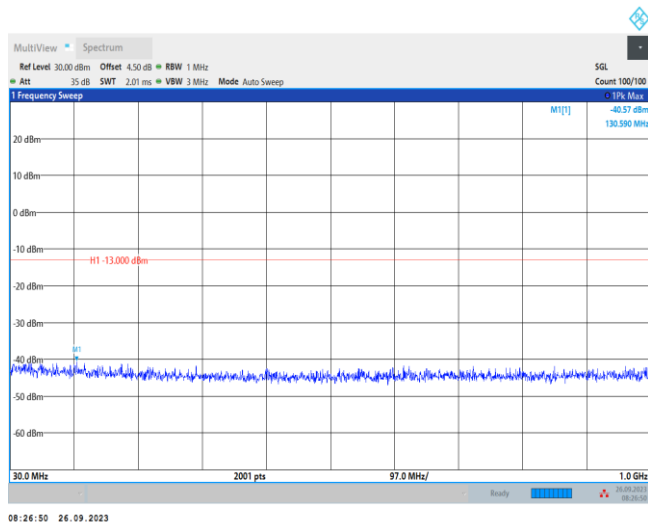


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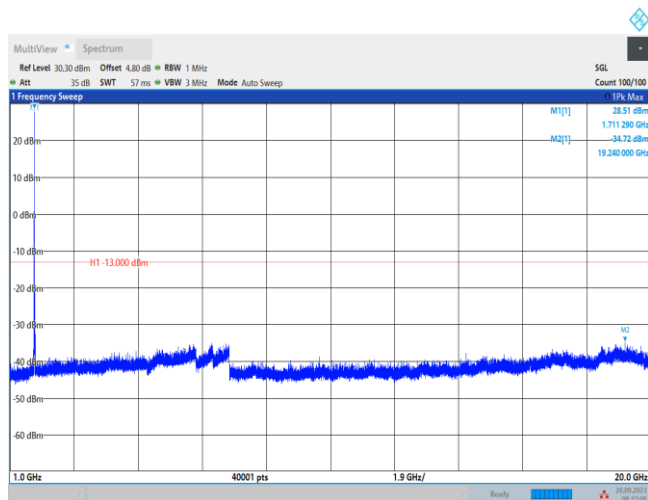


Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



08:26:50 26.09.2023

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



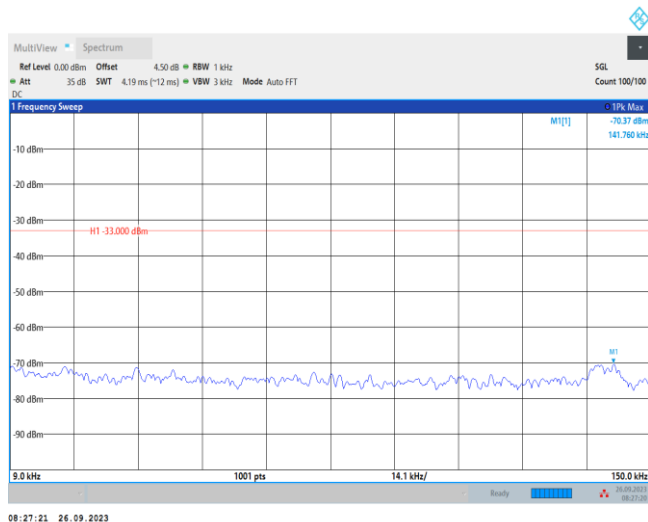
08:27:07 26.09.2023



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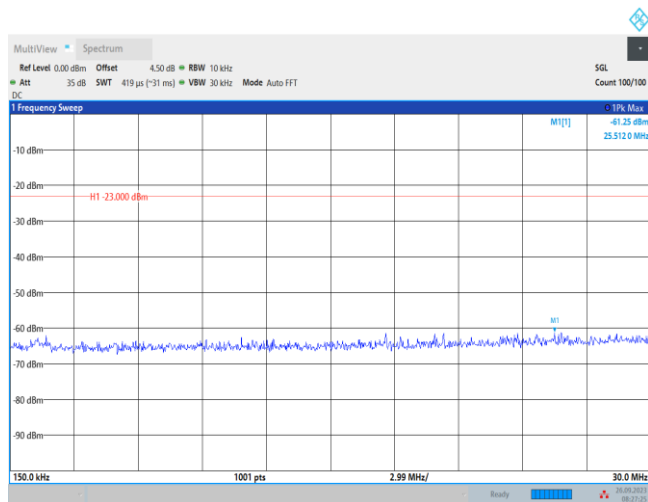
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



08:27:21 26.09.2023

Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



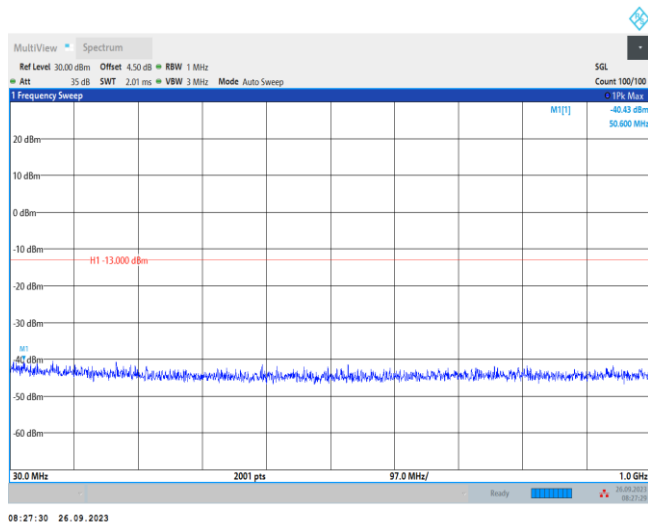
08:27:26 26.09.2023



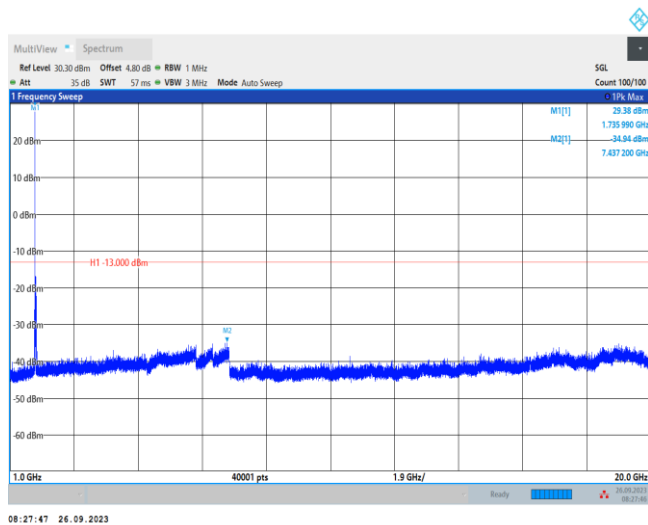
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz

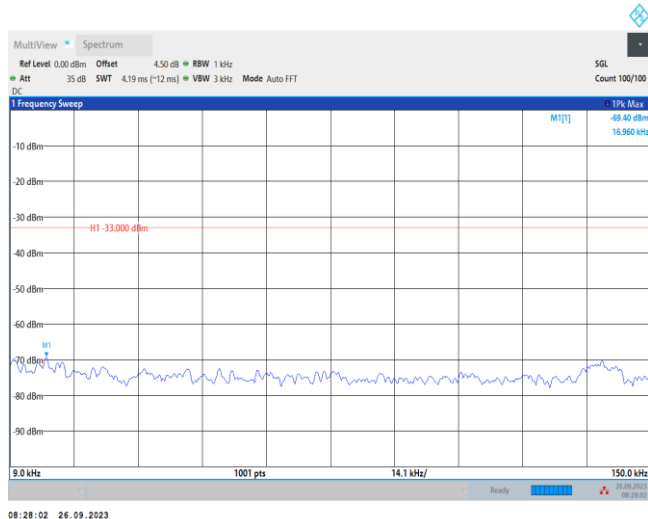


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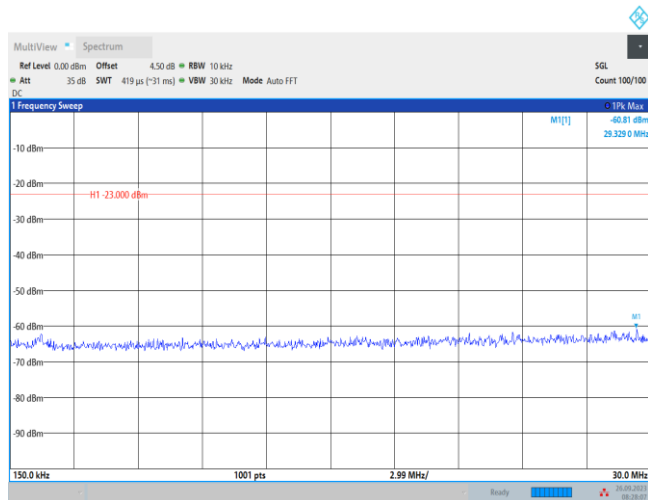
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



08:28:02 26.09.2023

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

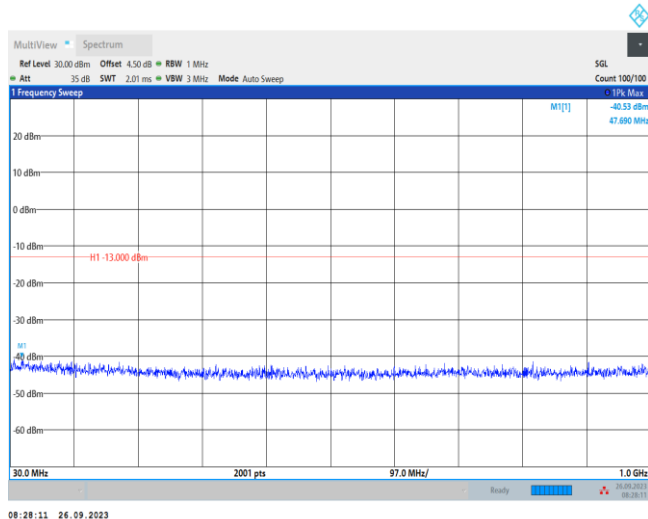


08:28:07 26.09.2023

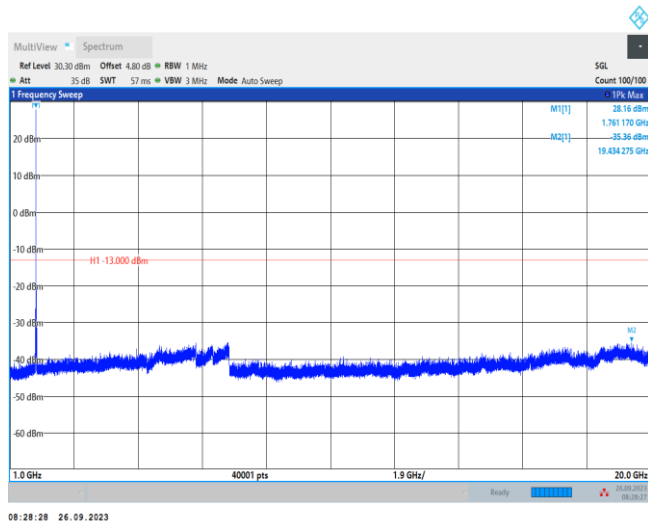


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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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## Field Strength of Spurious Radiation

Test Band = LTE Band66\_ TM1  
 Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	40.73	-46.28	28.54	-72.27	-13.00	59.27	Horizontal
2	5106.2700	38.91	-45.36	31.66	-70.06	-13.00	57.06	Horizontal
3	6808.3600	37.94	-44.16	34.86	-66.63	-13.00	53.63	Horizontal
4	8510.4500	35.58	-41.59	36.54	-64.72	-13.00	51.72	Horizontal
5	10212.5400	30.53	-39.45	38.31	-65.87	-13.00	52.87	Horizontal
6	11914.6300	26.20	-37.18	38.79	-67.45	-13.00	54.45	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	40.72	-46.28	28.54	-72.28	-13.00	59.28	Vertical
2	5106.2700	38.48	-45.36	31.66	-70.49	-13.00	57.49	Vertical
3	6808.3600	39.09	-44.16	34.86	-65.48	-13.00	52.48	Vertical
4	8510.4500	35.60	-41.59	36.54	-64.70	-13.00	51.70	Vertical
5	10212.5400	30.93	-39.45	38.31	-65.47	-13.00	52.47	Vertical
6	11914.6300	26.71	-37.18	38.79	-66.94	-13.00	53.94	Vertical



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**Test Band = LTE Band66\_ TM1**  
**Test Channel = Mid**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	41.62	-46.27	28.57	-71.34	-13.00	58.34	Horizontal
2	5181.2700	38.64	-45.30	31.84	-70.08	-13.00	57.08	Horizontal
3	6908.3600	38.33	-44.05	35.04	-65.94	-13.00	52.94	Horizontal
4	8635.4500	34.97	-41.46	36.48	-65.27	-13.00	52.27	Horizontal
5	10362.5400	30.36	-39.04	38.38	-65.56	-13.00	52.56	Horizontal
6	12089.6300	27.53	-37.37	38.83	-66.27	-13.00	53.27	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	41.60	-46.27	28.57	-71.36	-13.00	58.36	Vertical
2	5181.2700	39.38	-45.30	31.84	-69.34	-13.00	56.34	Vertical
3	6908.3600	37.57	-44.05	35.04	-66.70	-13.00	53.70	Vertical
4	8635.4500	35.46	-41.46	36.48	-64.78	-13.00	51.78	Vertical
5	10362.5400	30.63	-39.04	38.38	-65.29	-13.00	52.29	Vertical
6	12089.6300	26.85	-37.37	38.83	-66.95	-13.00	53.95	Vertical



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**Test Band = LTE Band66\_ TM1**

**Test Channel = High**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	41.11	-46.25	28.60	-71.80	-13.00	58.80	Horizontal
2	5256.2700	38.95	-45.17	32.02	-69.47	-13.00	56.47	Horizontal
3	7008.3600	38.17	-43.61	35.22	-65.47	-13.00	52.47	Horizontal
4	8760.4500	34.58	-41.42	36.42	-65.68	-13.00	52.68	Horizontal
5	10512.5400	30.16	-38.76	38.46	-65.40	-13.00	52.40	Horizontal
6	12262.6300	26.50	-37.44	38.88	-67.32	-13.00	54.32	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	41.67	-46.25	28.60	-71.24	-13.00	58.24	Vertical
2	5256.2700	38.90	-45.17	32.02	-69.52	-13.00	56.52	Vertical
3	7008.3600	38.06	-43.61	35.22	-65.58	-13.00	52.58	Vertical
4	8760.4500	34.82	-41.42	36.42	-65.44	-13.00	52.44	Vertical
5	10512.5400	30.14	-38.76	38.46	-65.42	-13.00	52.42	Vertical
6	12262.6300	26.99	-37.44	38.88	-66.83	-13.00	53.83	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
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-3.80	-0.002178	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	0.50	0.000287	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-2.90	-0.001662	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-2.60	-0.001490	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-3.60	-0.002063	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.80	-0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-1.10	-0.000630	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-3.90	-0.002235	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-2.70	-0.001547	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	0.10	0.000057	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-2.20	-0.001261	PASS

---End of Attachment---



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