Appendix B.12

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	23.46	26.46	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.37	26.37	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.27	26.27	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.45	25.45	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.1	26.1	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.27	26.27	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.08	26.08	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.32	25.32	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.69	25.69	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.85	25.85	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.74	25.74	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.95	24.95	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.29	25.29	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.34	25.34	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.4	25.4	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.49	24.49	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.08	25.08	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.1	25.1	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.14	25.14	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.31	24.31	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.83	24.83	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.8	24.8	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.9	24.9	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.99	23.99	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.25	26.25	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.3	26.3	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.39	26.39	30	PASS

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Band66	3MHz	QPSK	131987	15RB#0	22.51	25.51	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.27	26.27	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.35	26.35	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.29	26.29	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.38	25.38	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.79	25.79	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.65	25.65	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.97	25.97	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.92	24.92	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.53	25.53	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.31	25.31	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.62	25.62	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.4	24.4	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.49	25.49	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.47	25.47	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.29	25.29	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.22	24.22	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.87	24.87	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.67	24.67	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.99	24.99	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.02	24.02	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.46	26.46	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.48	26.48	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.36	26.36	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.55	25.55	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.29	26.29	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.4	26.4	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.25	26.25	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.36	25.36	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.71	25.71	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.88	25.88	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.73	25.73	30	PASS

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Band66	5MHz	QPSK	132647	25RB#0	21.91	24.91	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.79	25.79	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.01	26.01	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.41	25.41	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.43	24.43	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.21	25.21	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.05	25.05	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.34	25.34	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.29	24.29	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.7	24.7	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.98	24.98	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.8	24.8	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21	24	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.35	26.35	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.79	26.79	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.27	26.27	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.59	25.59	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.49	26.49	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.51	26.51	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.24	26.24	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.45	25.45	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.89	25.89	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.11	26.11	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.11	26.11	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.94	24.94	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.52	25.52	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.38	25.38	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.32	25.32	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.64	24.64	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.8	25.8	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.82	25.82	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.22	25.22	30	PASS

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Band66	10MHz	16QAM	132322	50RB#0	21.5	24.5	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.88	24.88	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.46	25.46	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.48	25.48	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.83	23.83	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.44	26.44	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.59	26.59	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.28	26.28	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.52	25.52	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.37	26.37	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.42	26.42	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.28	26.28	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.41	25.41	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.06	26.06	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.02	26.02	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.94	25.94	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.05	25.05	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.47	25.47	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.94	25.94	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.44	25.44	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.56	24.56	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.34	25.34	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.59	25.59	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.13	25.13	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.37	24.37	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.03	25.03	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.44	24.44	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.09	25.09	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.04	24.04	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.33	26.33	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.42	26.42	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.28	26.28	30	PASS

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Band66	20MHz	QPSK	132072	100RB#0	22.55	25.55	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.21	26.21	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.54	26.54	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.31	26.31	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.35	25.35	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.12	26.12	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.27	26.27	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.73	25.73	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.05	25.05	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.31	25.31	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.32	25.32	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.37	25.37	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.49	24.49	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.24	25.24	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.86	25.86	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.31	25.31	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.38	24.38	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.94	24.94	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.57	25.57	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.81	24.81	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.12	24.12	30	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	4.98	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.32	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.20	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.80	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.14	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.00	13	PASS

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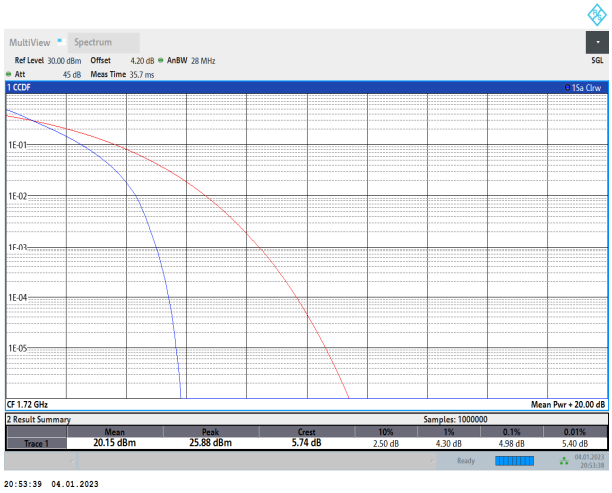
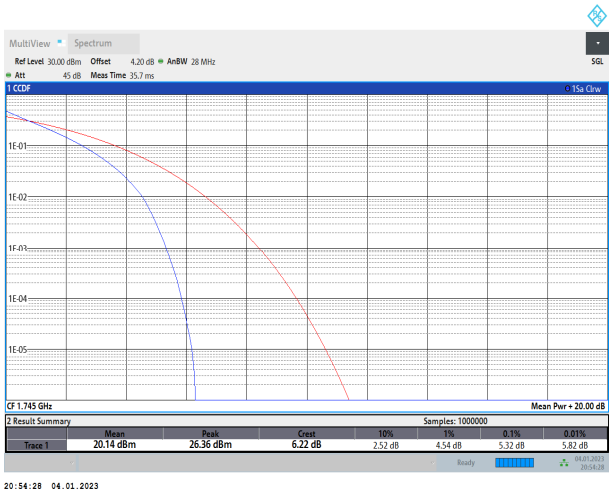
Test Graphs

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



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



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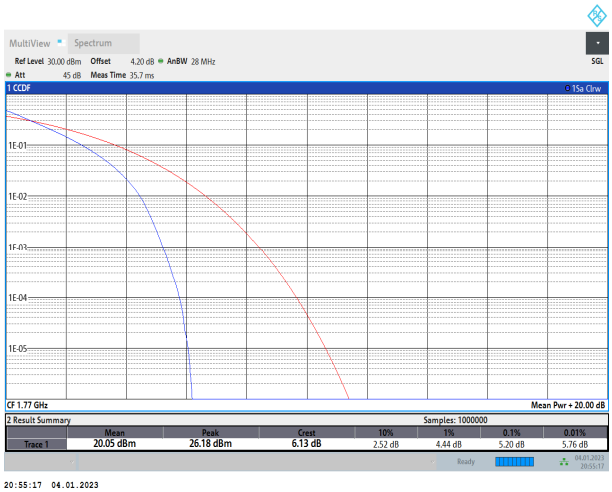
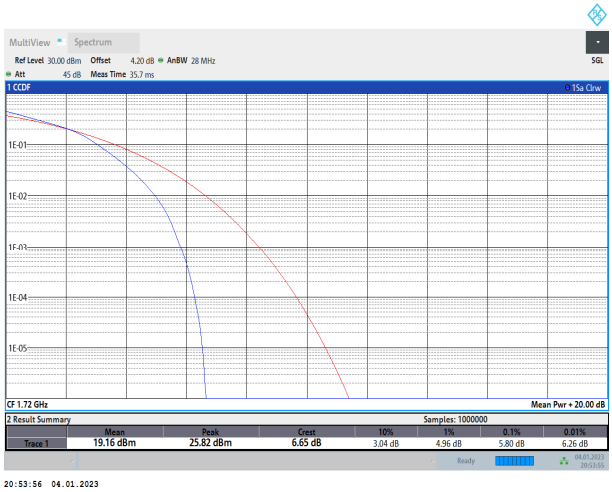
Band66-20MHz-QPSK-132572-100RB#0



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



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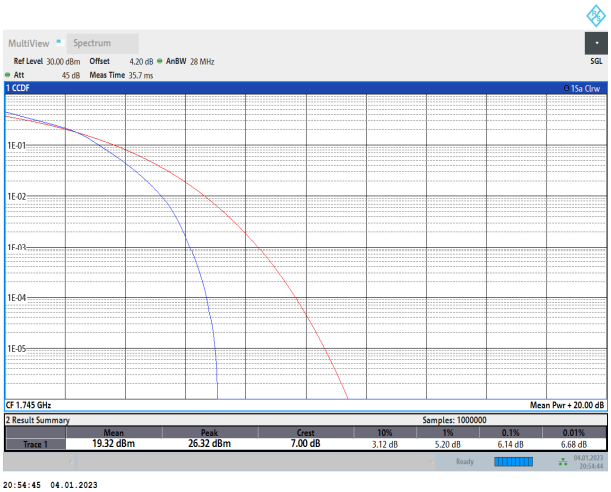
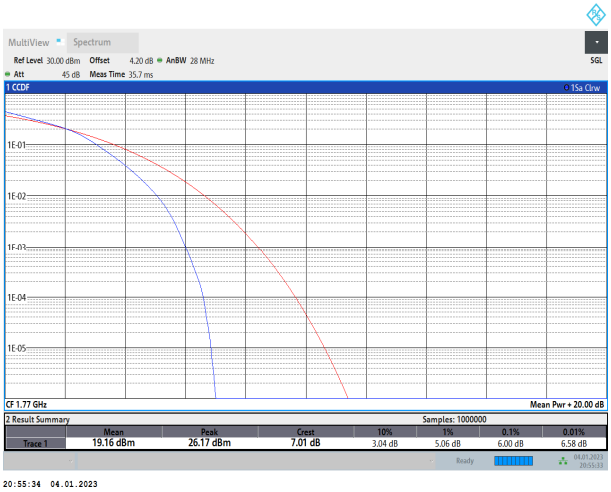
Band66-20MHz-16QAM-132322-100RB#0



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



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS

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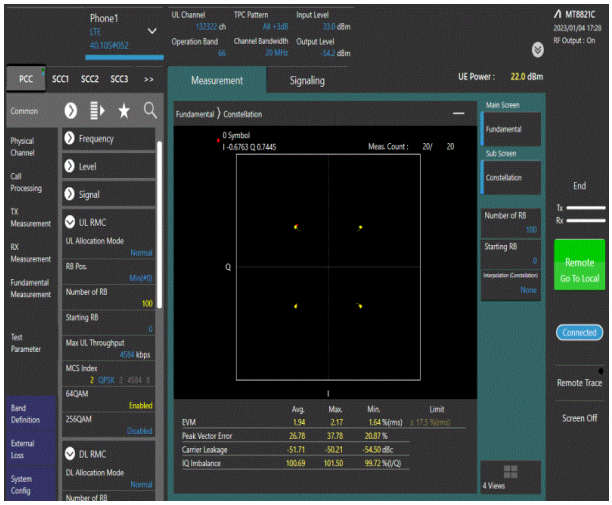
Test Graphs

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

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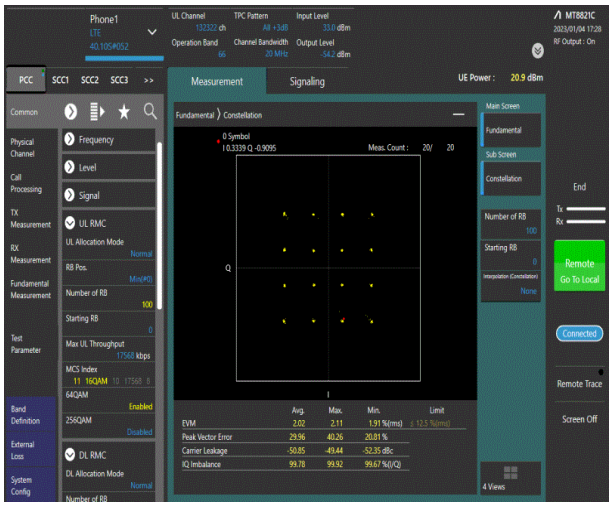

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.087	1.29	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.087	1.28	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.086	1.28	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.098	1.31	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.097	1.31	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.693	2.97	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.692	2.95	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.688	2.97	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.687	2.98	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.97	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.686	2.98	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.469	4.90	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.468	4.87	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.466	4.89	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.463	4.96	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.464	4.91	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.464	4.93	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.916	9.72	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.923	9.62	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.924	9.68	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.901	9.66	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.91	9.66	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.905	9.66	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.431	14.73	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.436	14.73	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.427	14.70	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.409	14.79	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.411	14.70	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.403	14.76	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.867	19.44	PASS

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Band66	20MHz	QPSK	132322	100RB#0	17.877	19.48	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.856	19.32	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.85	19.44	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.875	19.40	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.874	19.32	PASS

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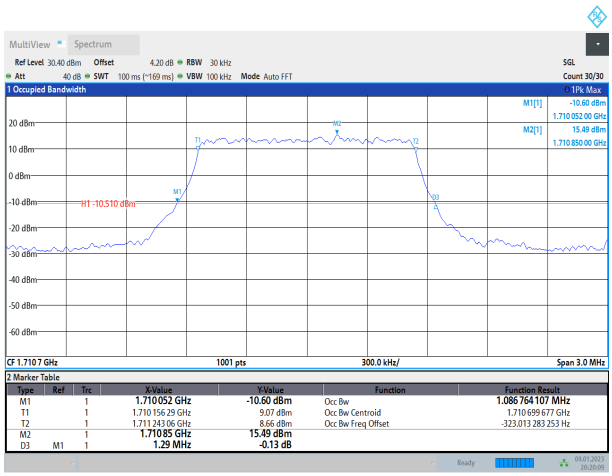
Test Graphs

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



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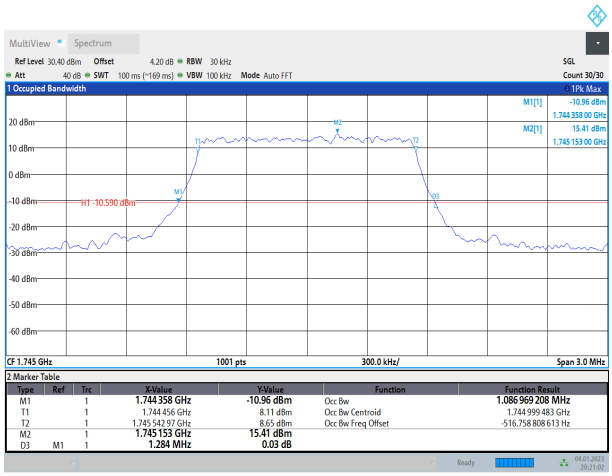

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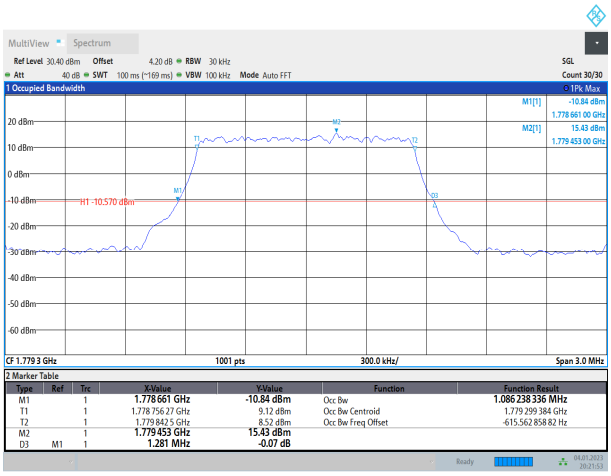
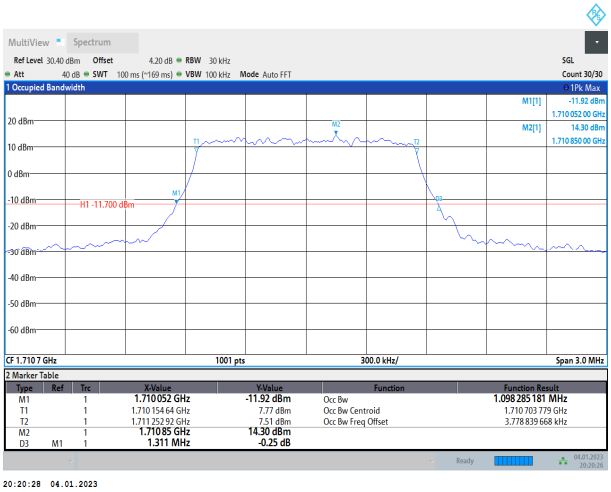
Band66-1.4MHz-QPSK-132665-6RB#0



Band66-1.4MHz-16QAM-131979-6RB#0



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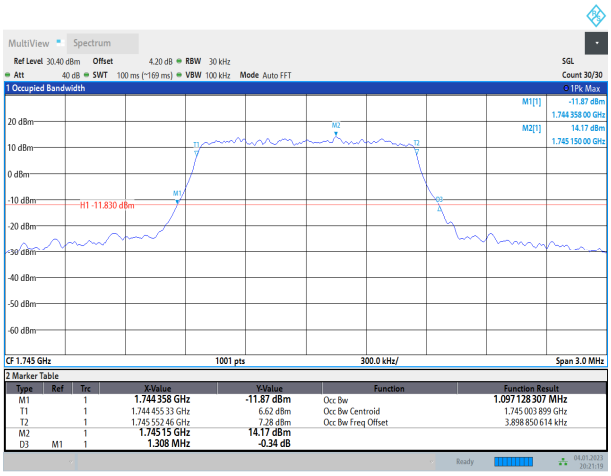
Band66-1.4MHz-16QAM-132322-6RB#0



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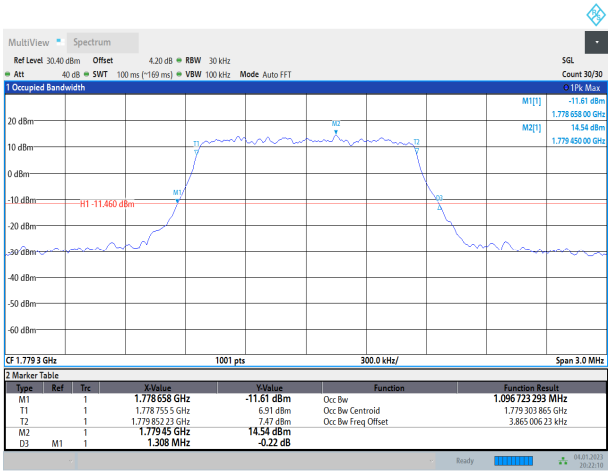

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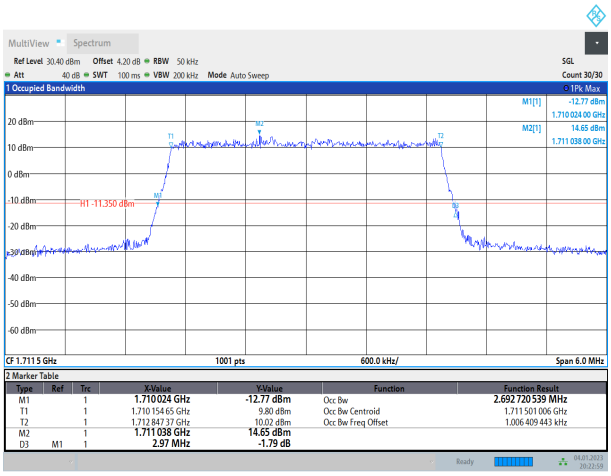
Band66-3MHz-QPSK-131987-15RB#0



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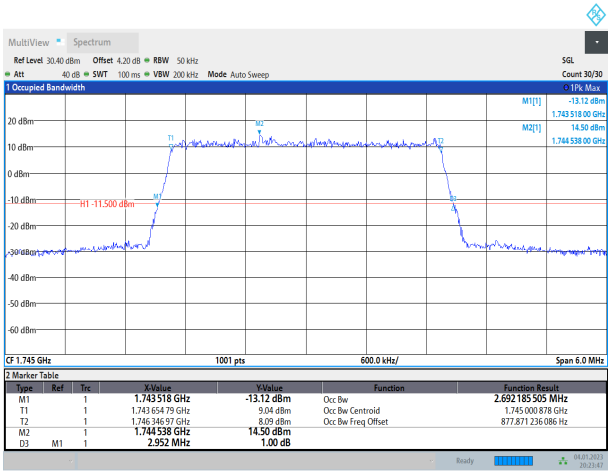

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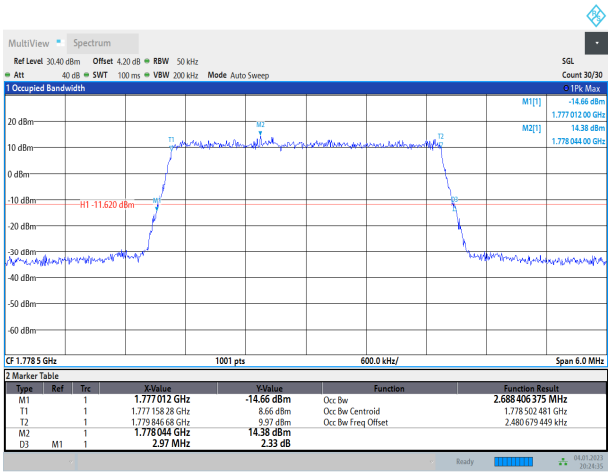

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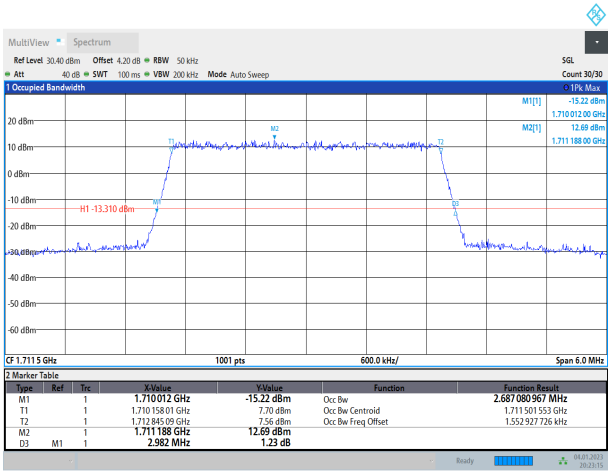

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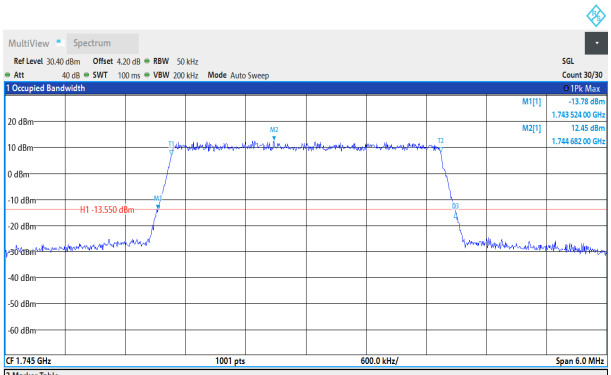

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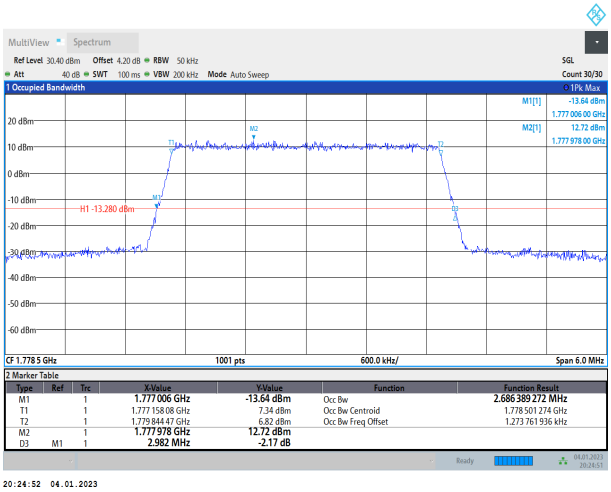

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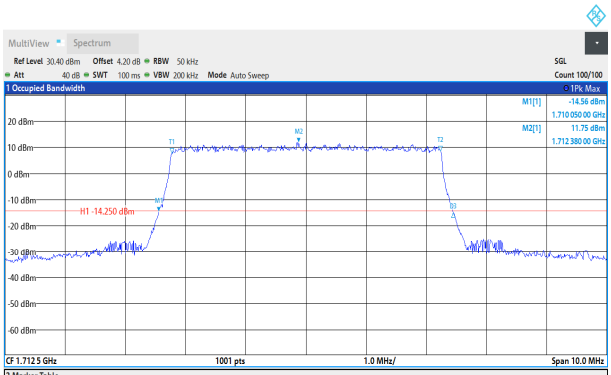

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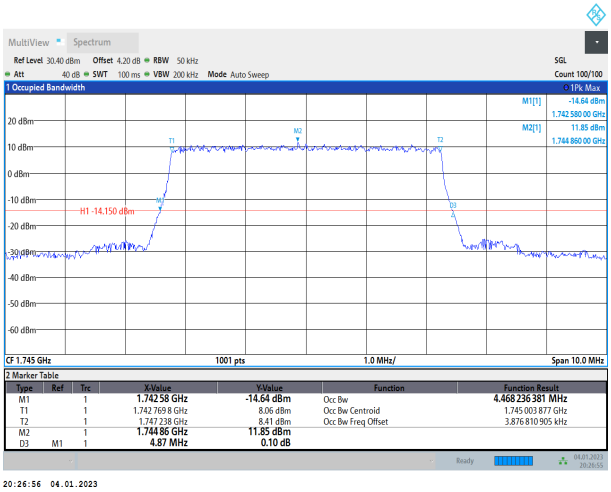

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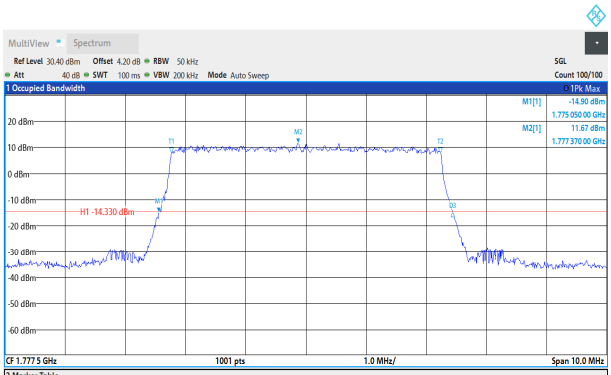

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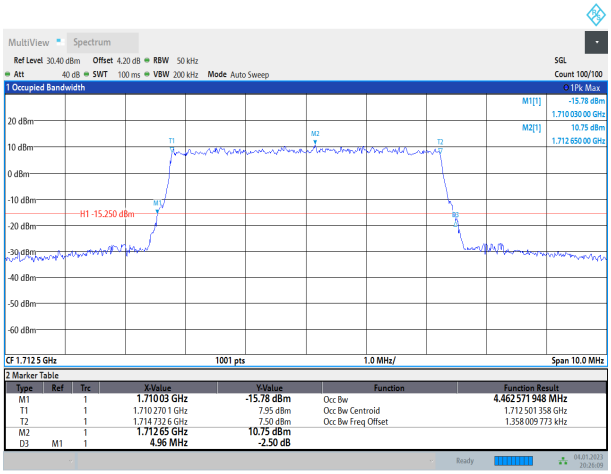

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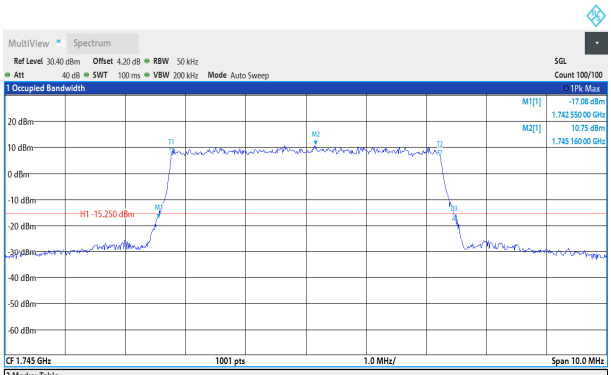

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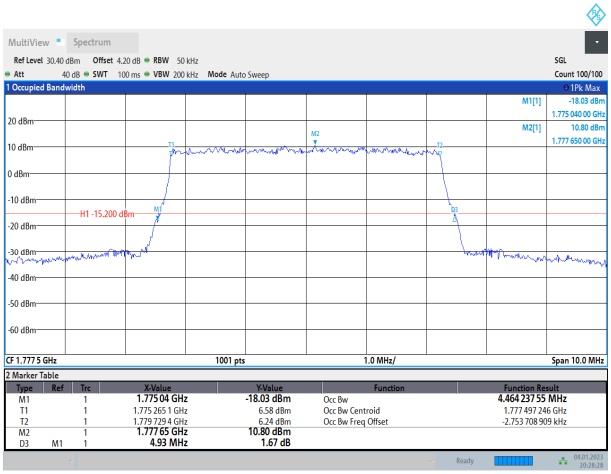

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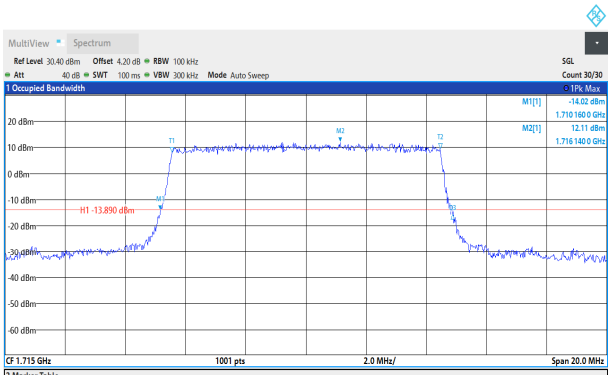

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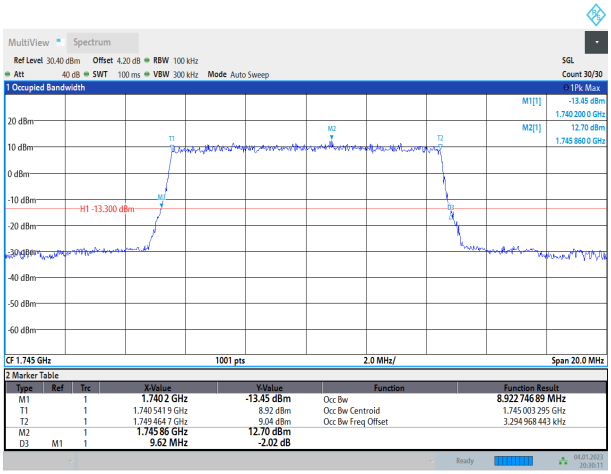

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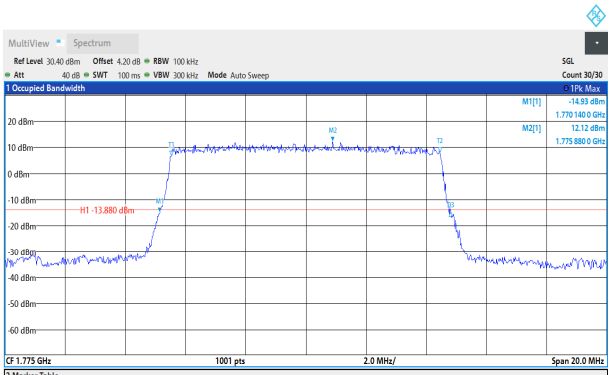
Band66-10MHz-QPSK-132622-50RB#0



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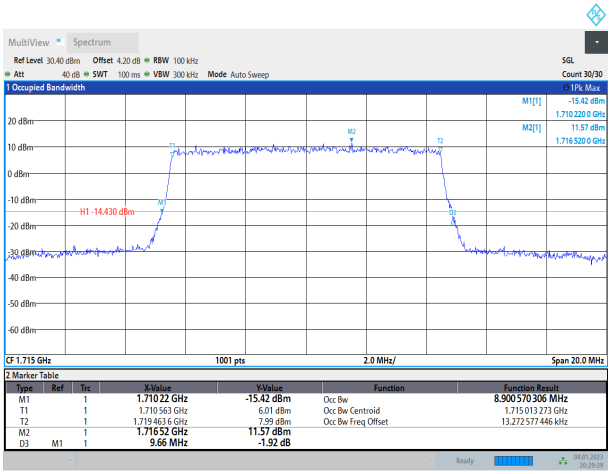

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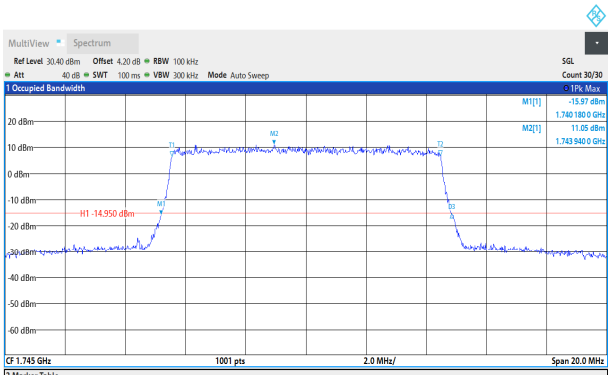

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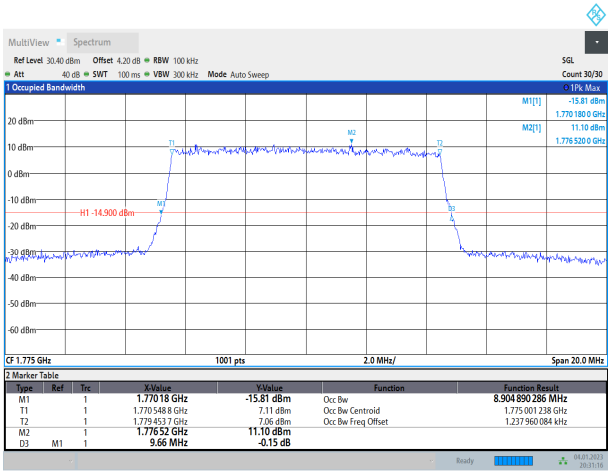

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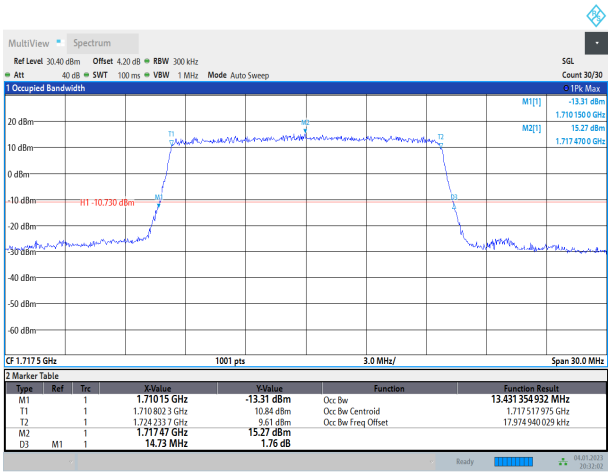
Band66-15MHz-QPSK-132047-75RB#0



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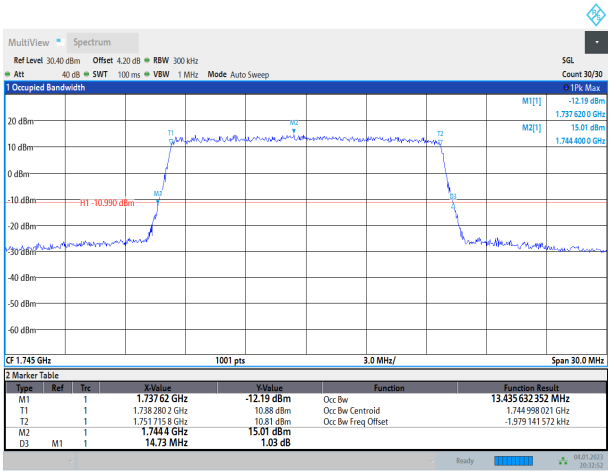

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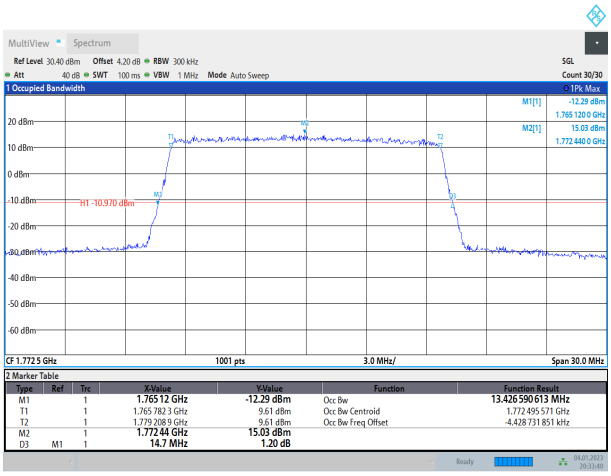

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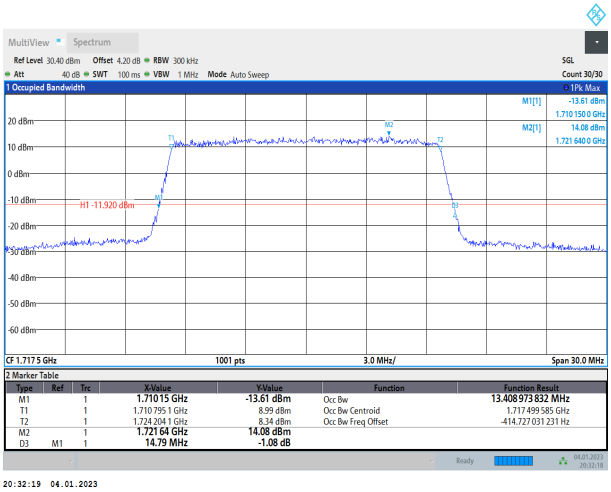

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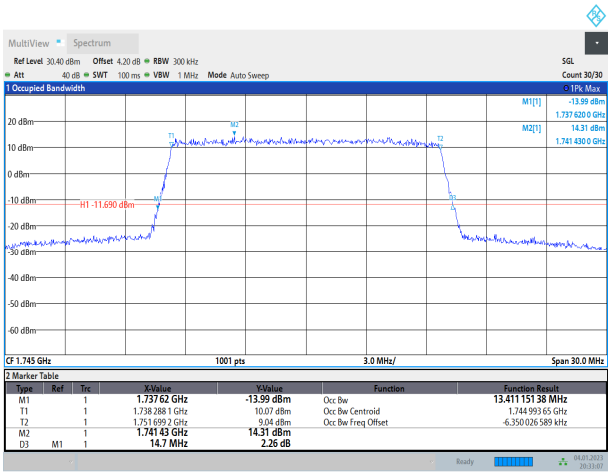
Band66-15MHz-16QAM-132322-75RB#0



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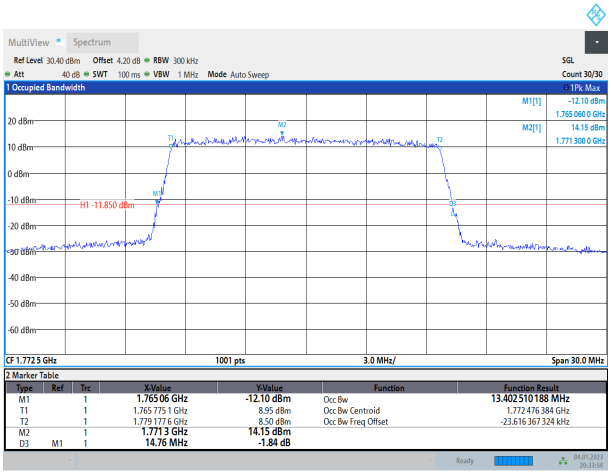

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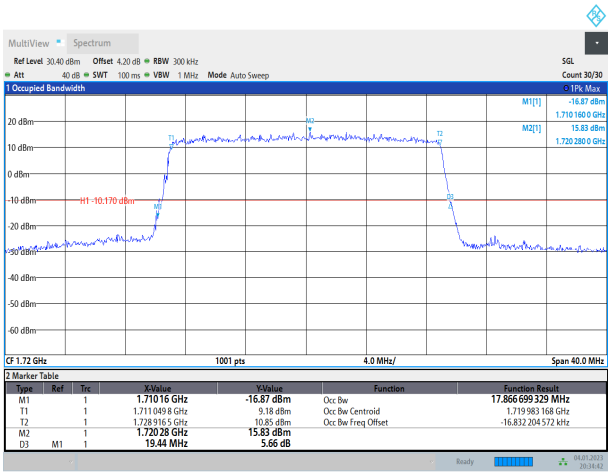
Band66-20MHz-QPSK-132072-100RB#0



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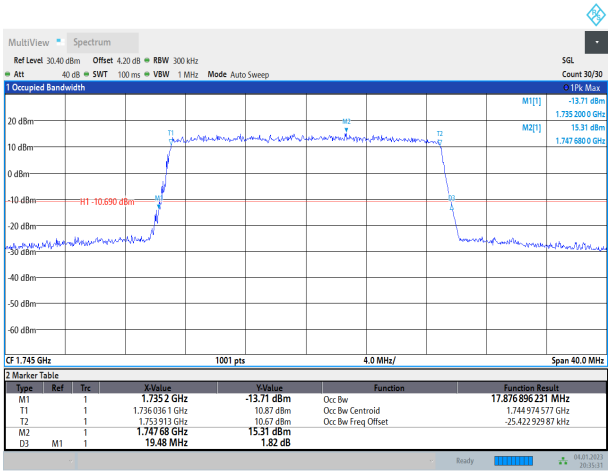

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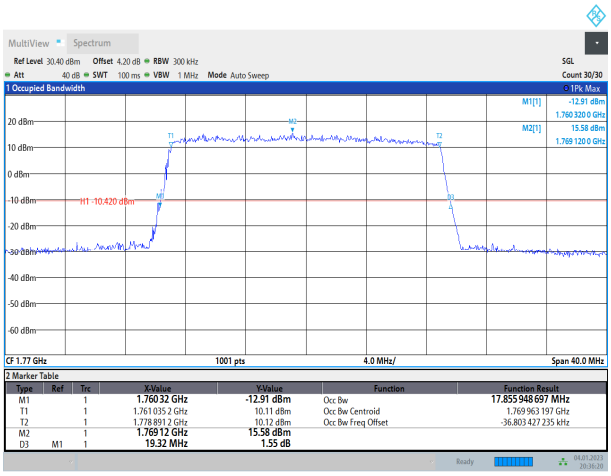
Band66-20MHz-QPSK-132572-100RB#0



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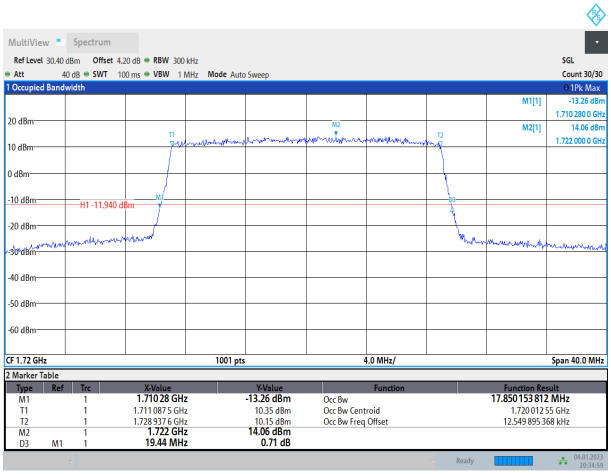
Band66-20MHz-16QAM-132072-100RB#0



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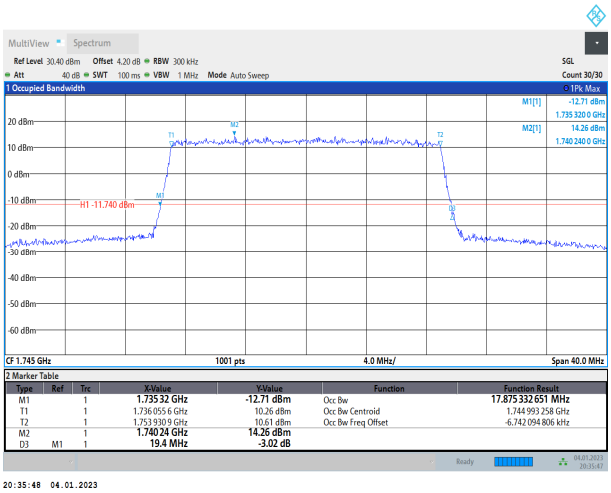
Band66-20MHz-16QAM-132322-100RB#0



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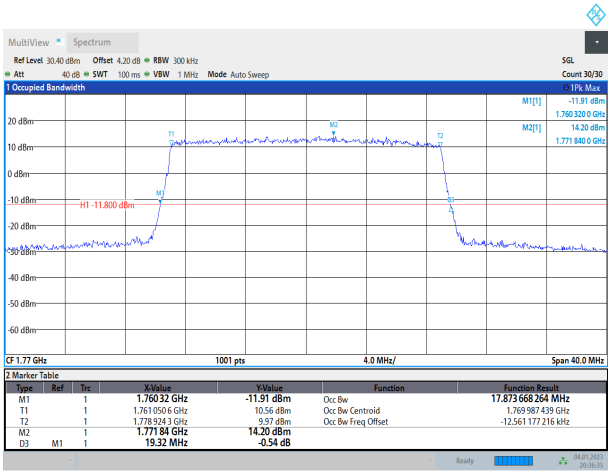

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Band Edge

Test Graphs

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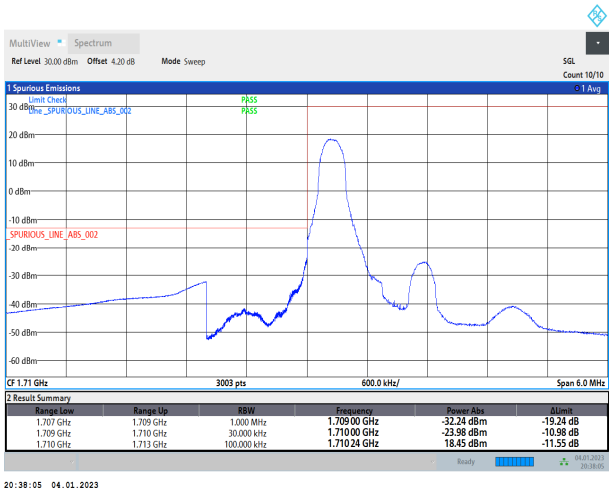

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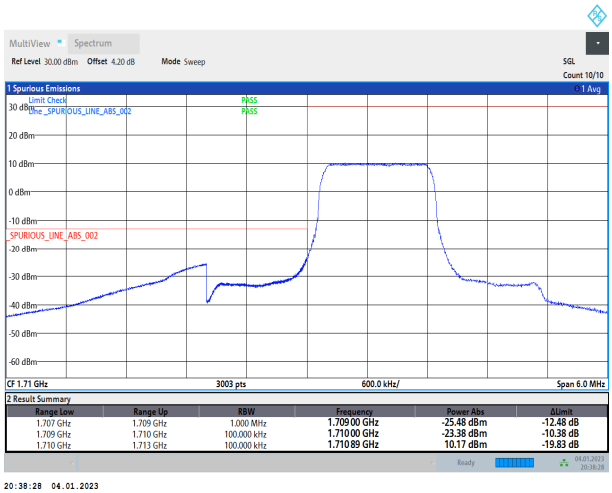

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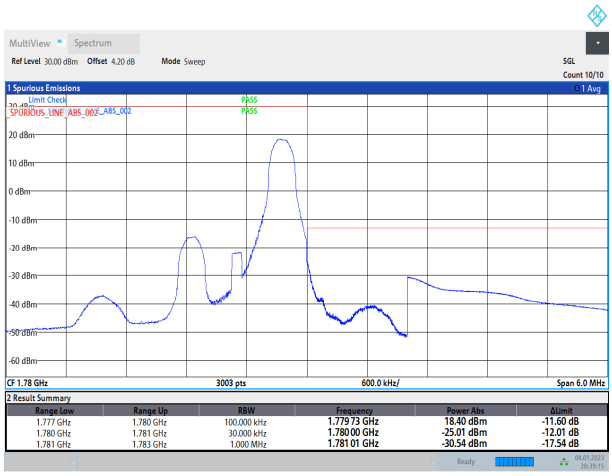
Band66-1.4MHz-QPSK-132665-1RB#5



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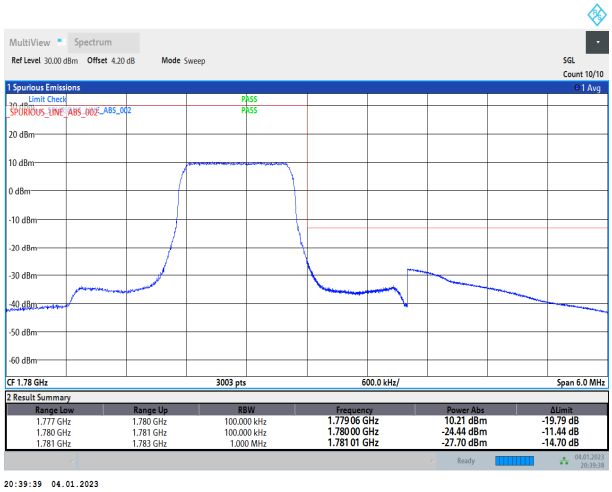

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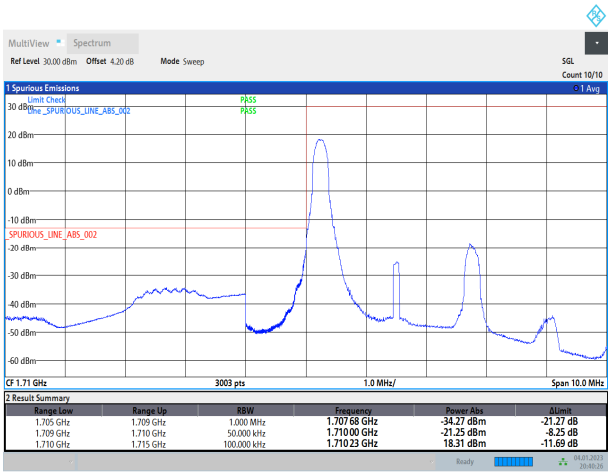

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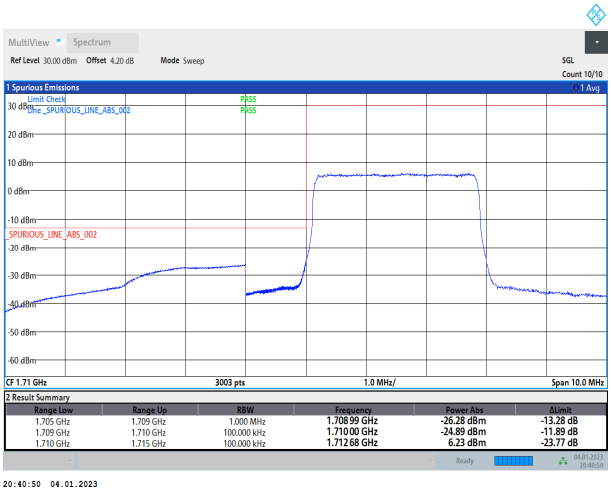

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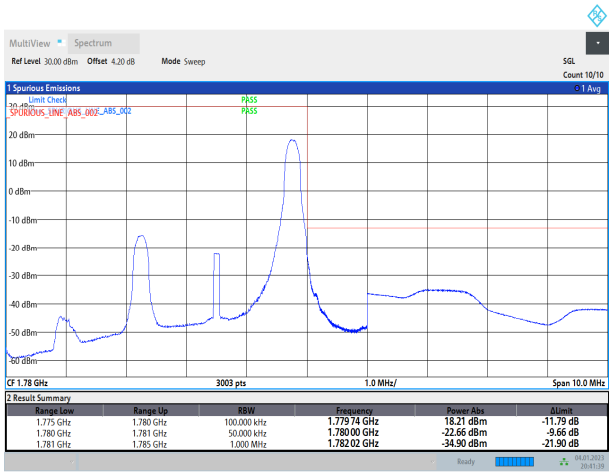
Band66-3MHz-QPSK-132657-1RB#14



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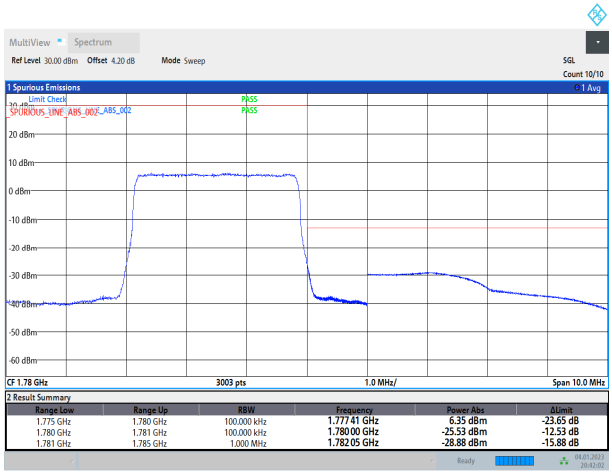
Band66-3MHz-QPSK-132657-15RB#0



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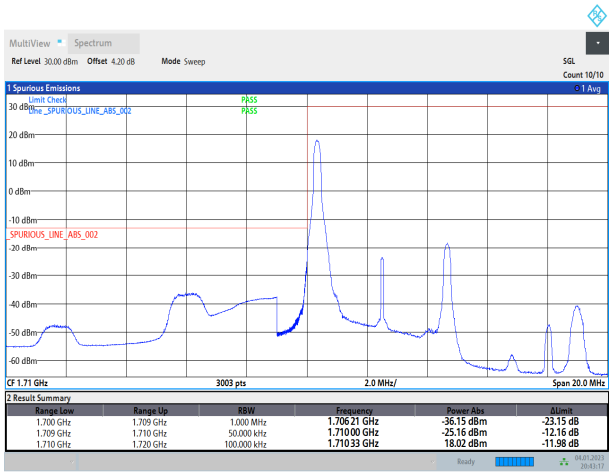
Band66-5MHz-QPSK-131997-1RB#0



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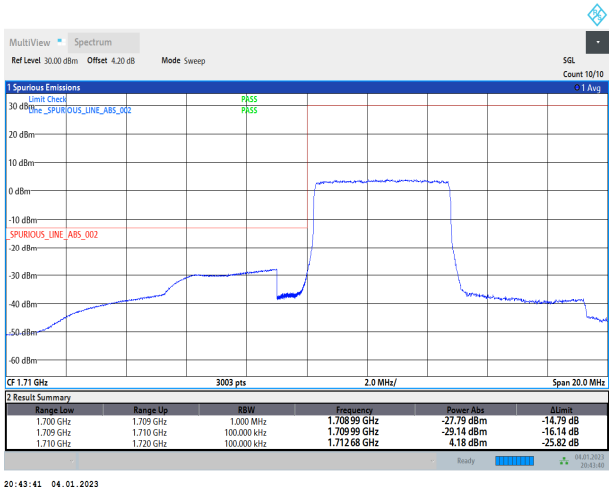

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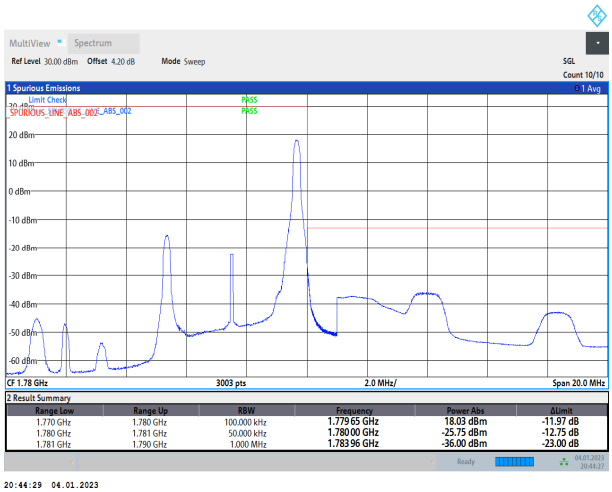
Band66-5MHz-QPSK-132647-1RB#24



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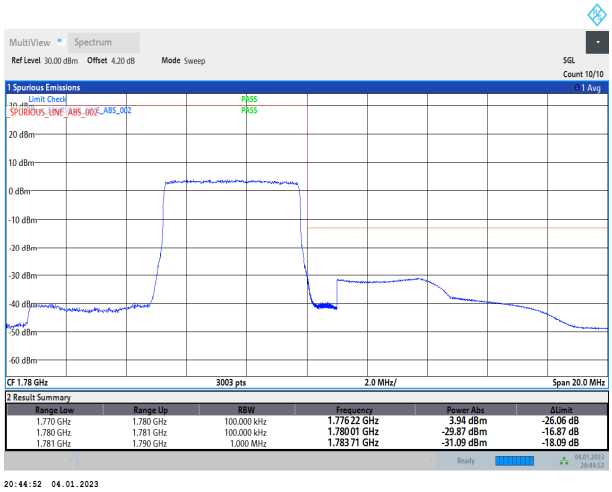

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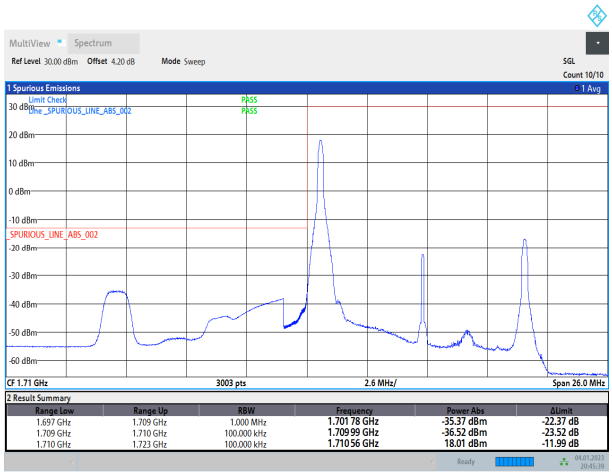
Band66-10MHz-QPSK-132022-1RB#0



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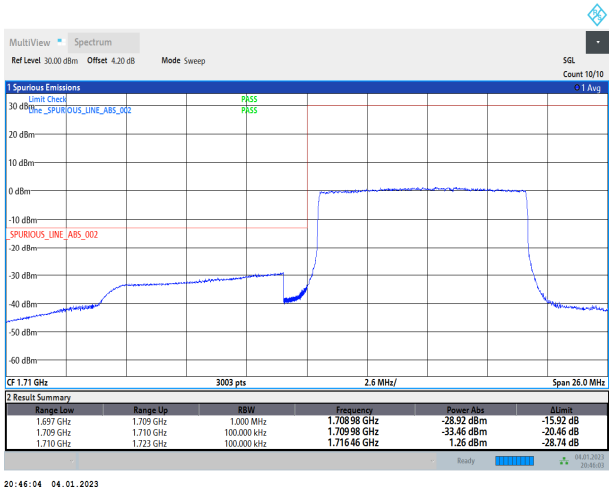

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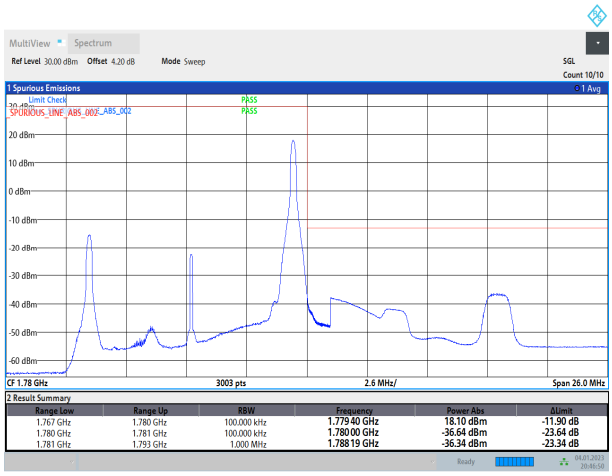
Band66-10MHz-QPSK-132622-1RB#49



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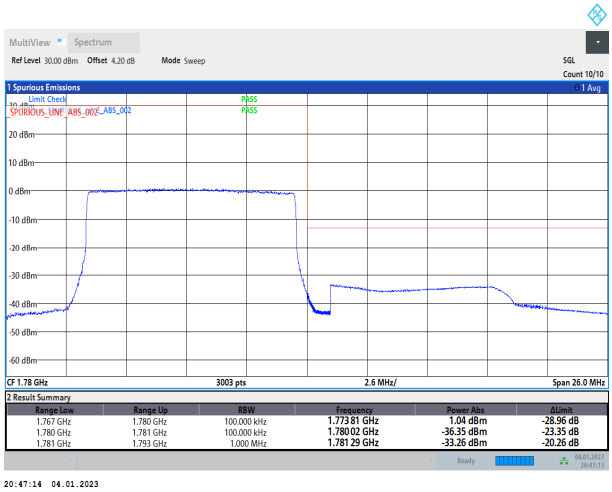

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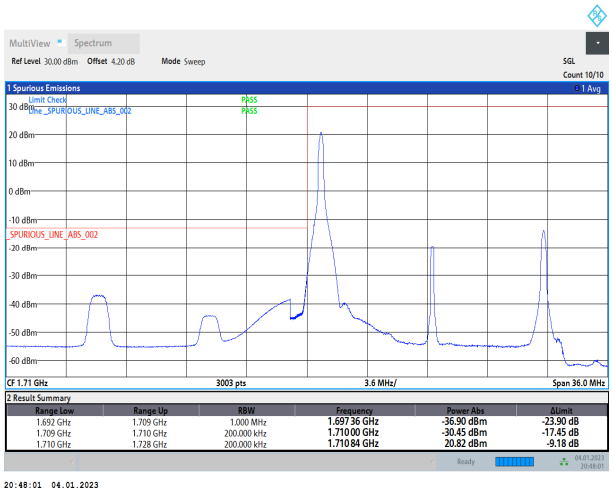
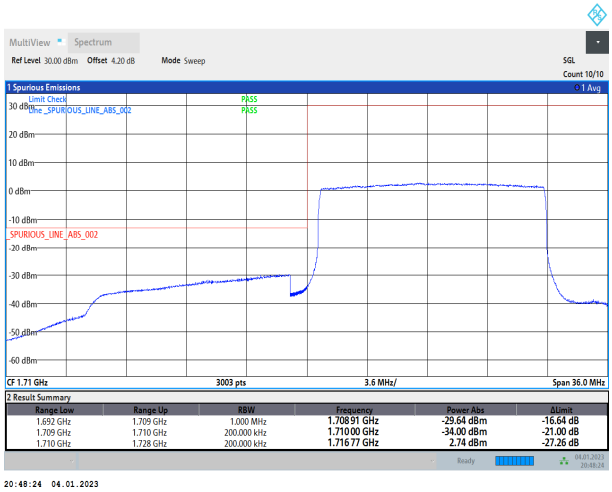
Band66-15MHz-QPSK-132047-1RB#0



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



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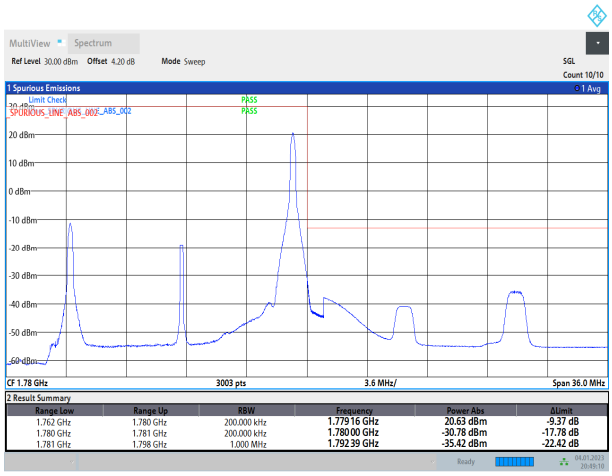
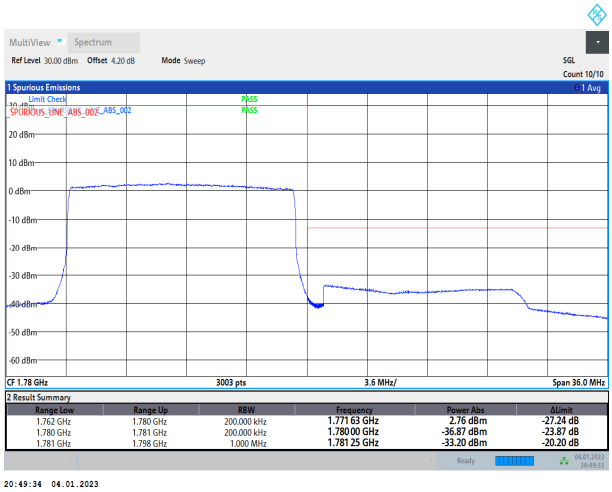
Band66-15MHz-QPSK-132597-1RB#74



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



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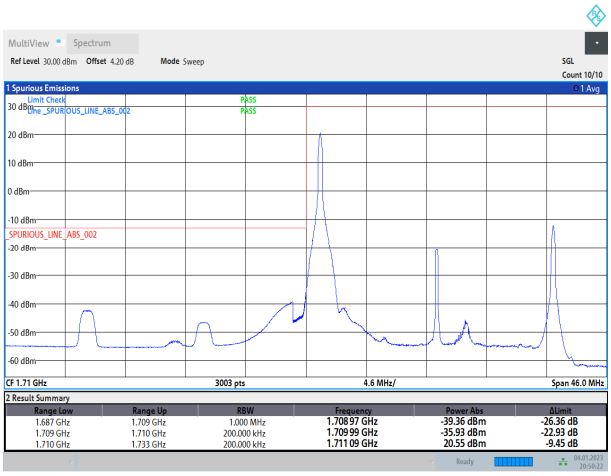
Band66-20MHz-QPSK-132072-1RB#0



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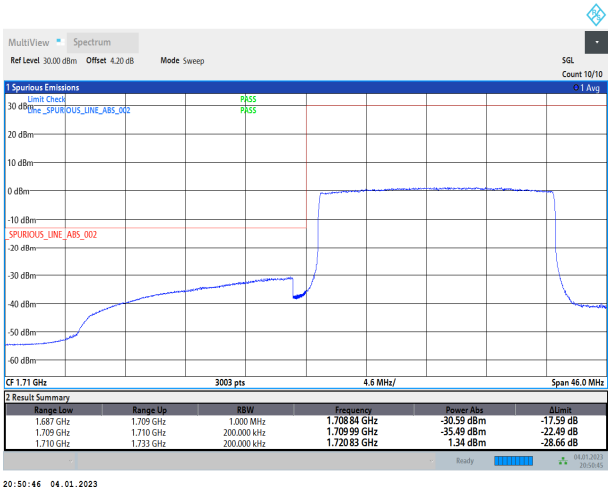

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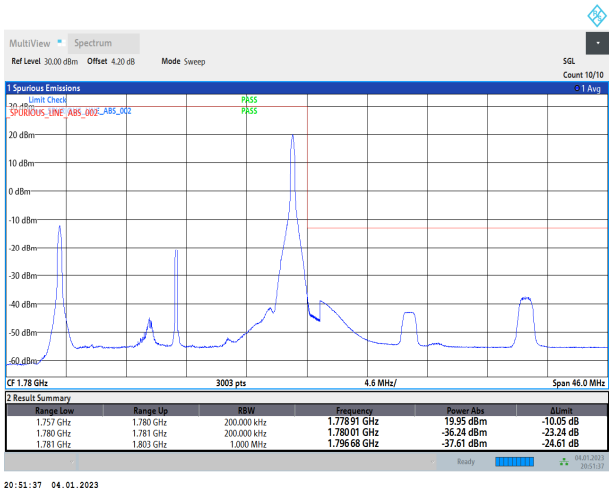
Band66-20MHz-QPSK-132572-1RB#99



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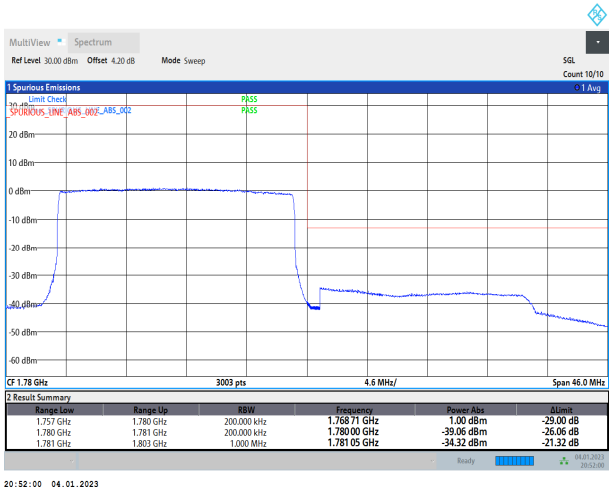

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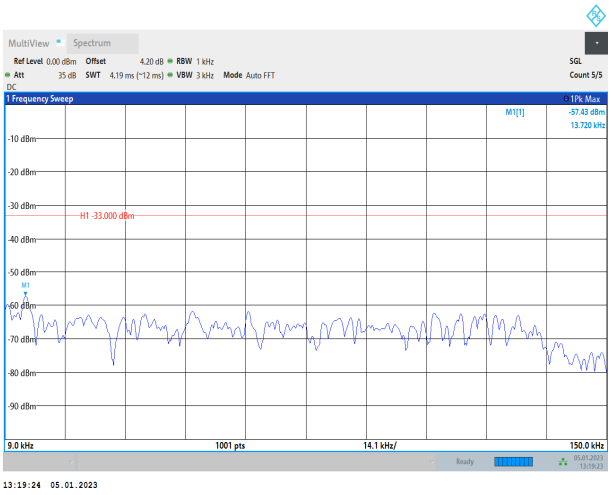
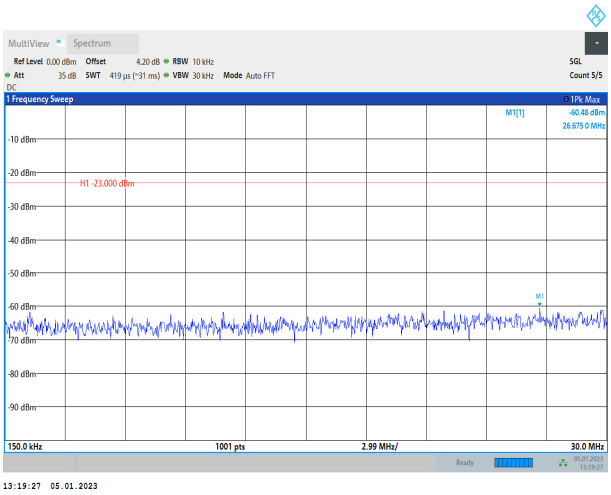
Conducted Spurious Emission

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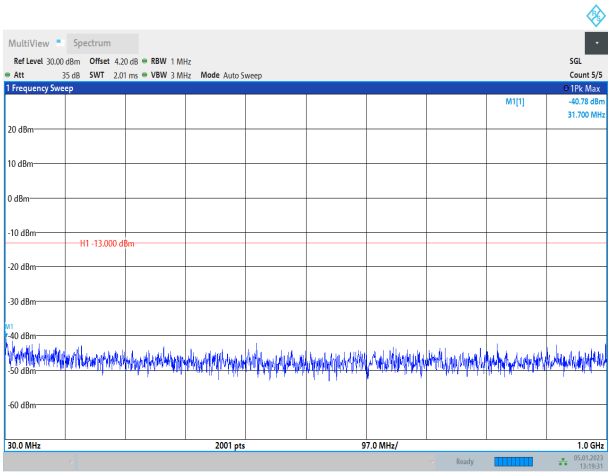
Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz


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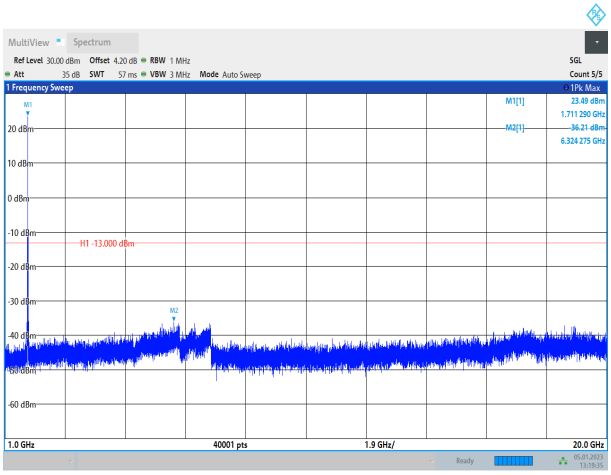

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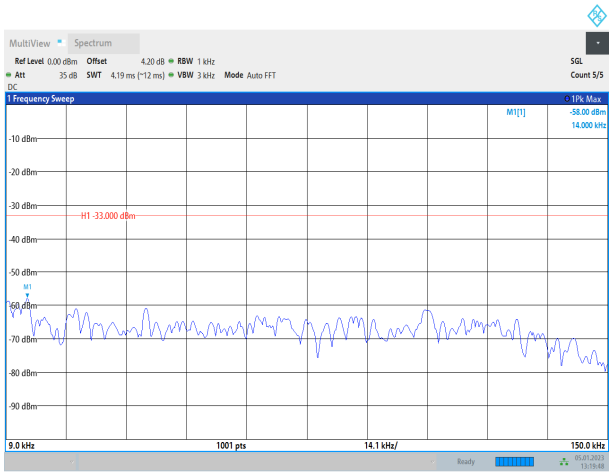
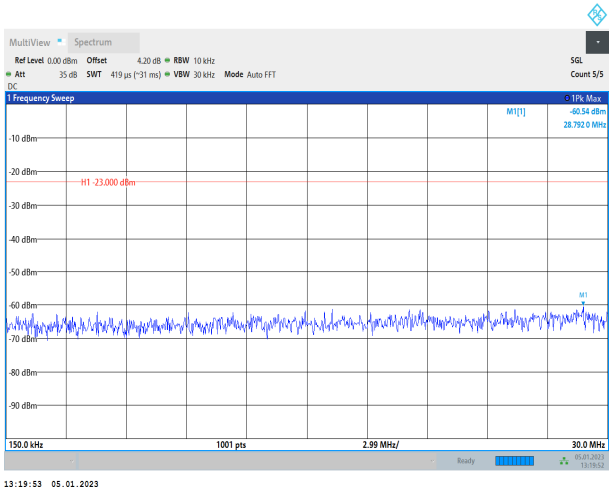
Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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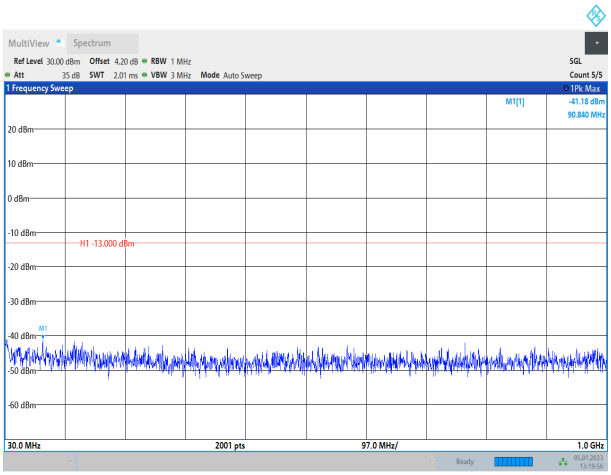
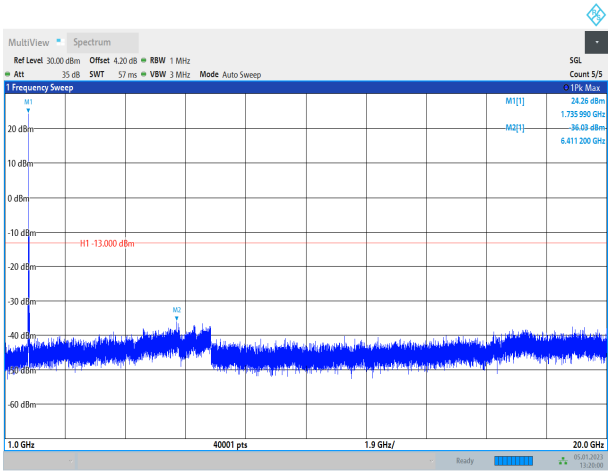
Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



13:19:56 05.01.2023

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



13:20:01 05.01.2023

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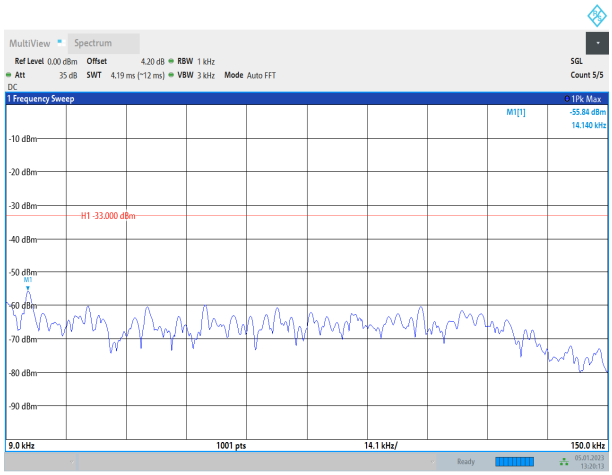
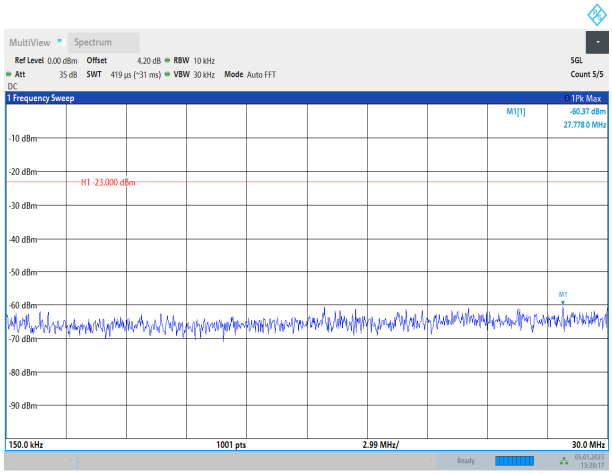
Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



13:20:14 05.01.2023

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



13:20:18 05.01.2023

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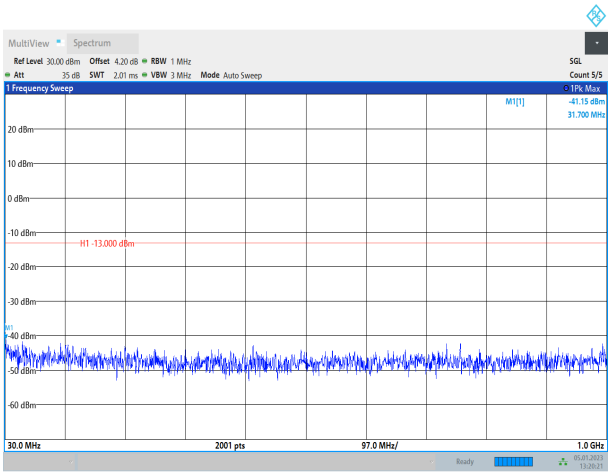
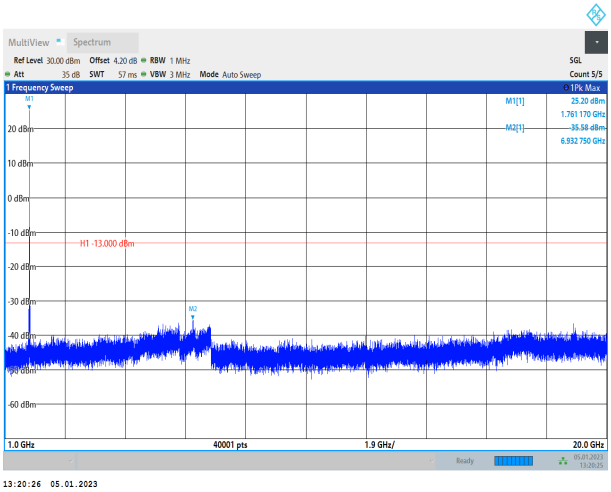
Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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]	Height [cm]	Angle [°]	Polarity
1	3404.1800	40.37	-46.28	29.43	-71.74	-13.00	58.74	177	226	Horizontal
2	5106.2700	39.84	-45.36	32.94	-67.85	-13.00	54.85	148	31	Horizontal
3	6808.3600	38.93	-44.16	35.85	-64.64	-13.00	51.64	195	90	Horizontal
4	8510.4500	36.51	-41.59	37.56	-62.78	-13.00	49.78	142	212	Horizontal
5	10212.5400	33.63	-39.45	38.81	-62.26	-13.00	49.26	216	347	Horizontal
6	11914.6300	31.82	-37.18	38.88	-61.74	-13.00	48.74	258	107	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	3404.1800	40.86	-46.28	29.43	-71.25	-13.00	58.25	142	148	Vertical
2	5106.2700	39.16	-45.36	32.94	-68.53	-13.00	55.53	155	269	Vertical
3	6808.3600	39.57	-44.16	35.85	-64.00	-13.00	51.00	261	329	Vertical
4	8510.4500	36.78	-41.59	37.56	-62.51	-13.00	49.51	200	86	Vertical
5	10212.5400	33.74	-39.45	38.81	-62.15	-13.00	49.15	136	356	Vertical
6	11914.6300	31.81	-37.18	38.88	-61.75	-13.00	48.75	281	344	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]	Height [cm]	Angle [°]	Polarity
1	3454.1800	41.36	-46.27	29.48	-70.69	-13.00	57.69	178	300	Horizontal
2	5181.2700	38.94	-45.30	32.98	-68.64	-13.00	55.64	195	2	Horizontal
3	6908.3600	38.87	-44.05	35.97	-64.47	-13.00	51.47	142	164	Horizontal
4	8635.4500	36.64	-41.46	37.81	-62.27	-13.00	49.27	265	43	Horizontal
5	10362.5400	33.77	-39.04	38.85	-61.68	-13.00	48.68	144	74	Horizontal
6	12089.6300	31.85	-37.37	39.04	-61.74	-13.00	48.74	138	195	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	3454.1800	42.37	-46.27	29.48	-69.68	-13.00	56.68	147	257	Vertical
2	5181.2700	39.86	-45.30	32.98	-67.72	-13.00	54.72	145	91	Vertical
3	6908.3600	39.53	-44.05	35.97	-63.81	-13.00	50.81	125	243	Vertical
4	8635.4500	36.34	-41.46	37.81	-62.57	-13.00	49.57	233	152	Vertical
5	10362.5400	33.14	-39.04	38.85	-62.31	-13.00	49.31	261	331	Vertical
6	12089.6300	31.75	-37.37	39.04	-61.84	-13.00	48.84	188	3	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]	Height [cm]	Angle [°]	Polarity
1	3504.1800	41.60	-46.25	29.52	-70.39	-13.00	57.39	156	14	Horizontal
2	5256.2700	39.39	-45.17	32.94	-68.11	-13.00	55.11	259	2	Horizontal
3	7008.3600	39.54	-43.61	36.10	-63.23	-13.00	50.23	148	0	Horizontal
4	8760.4500	36.59	-41.42	38.02	-62.08	-13.00	49.08	175	0	Horizontal
5	10512.5400	32.91	-38.76	38.97	-62.14	-13.00	49.14	129	103	Horizontal
6	12262.6300	31.91	-37.44	39.11	-61.68	-13.00	48.68	190	284	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	3504.1800	41.40	-46.25	29.52	-70.59	-13.00	57.59	165	224	Vertical
2	5256.2700	39.11	-45.17	32.94	-68.39	-13.00	55.39	122	15	Vertical
3	7008.3600	38.37	-43.61	36.10	-64.40	-13.00	51.40	142	103	Vertical
4	8760.4500	36.87	-41.42	38.02	-61.80	-13.00	48.80	136	2	Vertical
5	10512.5400	33.91	-38.76	38.97	-61.14	-13.00	48.14	291	317	Vertical
6	12262.6300	31.45	-37.44	39.11	-62.14	-13.00	49.14	175	7	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 (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-1.40	-0.000802	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-2.50	-0.001433	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-4.50	-0.002579	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-3.50	-0.002006	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-3.50	-0.002006	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-2.20	-0.001261	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-3.60	-0.002063	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-1.50	-0.000860	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-0.50	-0.000287	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-1.70	-0.000974	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-3.10	-0.001777	PASS

---End of Attachment---

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