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Appendix B.13

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	23.01	25.01	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.85	24.85	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.14	25.14	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.45	24.45	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.96	24.96	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.74	24.74	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.89	24.89	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.75	23.75	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.89	24.89	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.96	24.96	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.82	24.82	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.93	23.93	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.91	23.91	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.83	23.83	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.14	24.14	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.82	22.82	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.41	24.41	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.32	24.32	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.85	23.85	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.74	22.74	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.32	24.32	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.85	23.85	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.74	23.74	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.15	22.15	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.83	24.83	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.96	24.96	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.85	24.85	30	PASS



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Band66	3MHz	QPSK	131987	15RB#0	21.74	23.74	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.96	24.96	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.87	24.87	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.79	24.79	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.83	23.83	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.88	24.88	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.83	24.83	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.86	24.86	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.96	23.96	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.85	23.85	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.21	24.21	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.87	23.87	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.89	22.89	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.32	24.32	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.98	23.98	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.85	23.85	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.69	22.69	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.32	24.32	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.07	24.07	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.13	24.13	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.84	22.84	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.92	24.92	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.85	24.85	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.02	25.02	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.45	24.45	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.9	24.9	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.76	24.76	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.93	24.93	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.73	23.73	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.02	25.02	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.14	25.14	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.79	24.79	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.83	23.83	30	PASS



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Band66	5MHz	16QAM	131997	1RB#0	22.13	24.13	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.16	24.16	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.86	23.86	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.77	22.77	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.27	24.27	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.95	23.95	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.04	24.04	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.78	22.78	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.29	24.29	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.95	23.95	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.1	24.1	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.86	22.86	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.87	24.87	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.01	25.01	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.12	25.12	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.73	23.73	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.91	24.91	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.14	25.14	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.85	24.85	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.85	23.85	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.24	25.24	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.21	25.21	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.22	25.22	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.82	23.82	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.52	23.52	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.04	24.04	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.47	24.47	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.68	22.68	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.37	23.37	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.02	24.02	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.44	24.44	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.77	22.77	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.61	23.61	30	PASS



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Band66	10MHz	16QAM	132622	1RB#24	22.17	24.17	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.59	24.59	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.86	22.86	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.96	24.96	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.14	25.14	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.02	25.02	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.52	24.52	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.02	25.02	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23	25	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.96	24.96	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.58	24.58	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.12	25.12	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.76	24.76	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.84	24.84	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.67	23.67	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.25	25.25	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	23.14	25.14	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.54	24.54	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	22.21	24.21	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.24	24.24	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.98	23.98	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.11	24.11	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.64	22.64	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.45	24.45	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.1	24.1	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.33	24.33	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.68	22.68	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23	25	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.12	25.12	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.02	25.02	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.58	24.58	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.01	25.01	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.85	24.85	30	PASS



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Band66	20MHz	QPSK	132322	100RB#0	21.55	23.55	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.85	24.85	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.96	24.96	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.32	25.32	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.45	24.45	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.34	24.34	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.12	24.12	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.53	24.53	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.62	22.62	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.04	24.04	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.07	24.07	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.28	24.28	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.48	22.48	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.01	24.01	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.04	24.04	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.46	24.46	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.67	22.67	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	5.86	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.84	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.86	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.68	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.66	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.64	13	PASS



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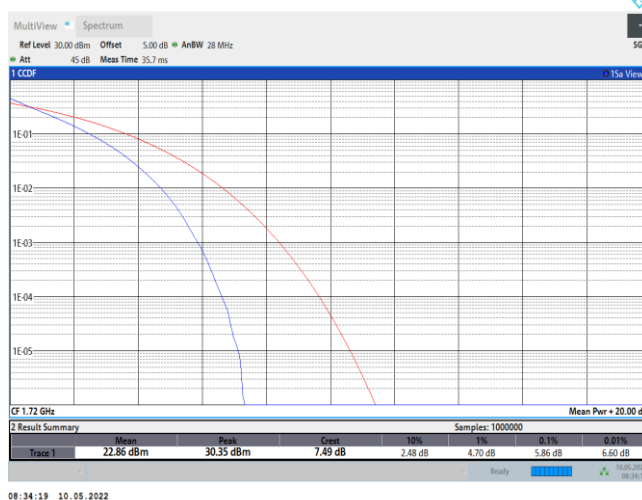
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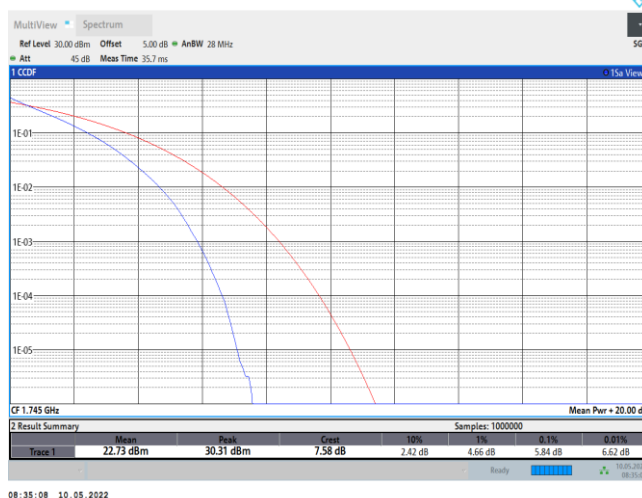
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Test Graphs

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



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



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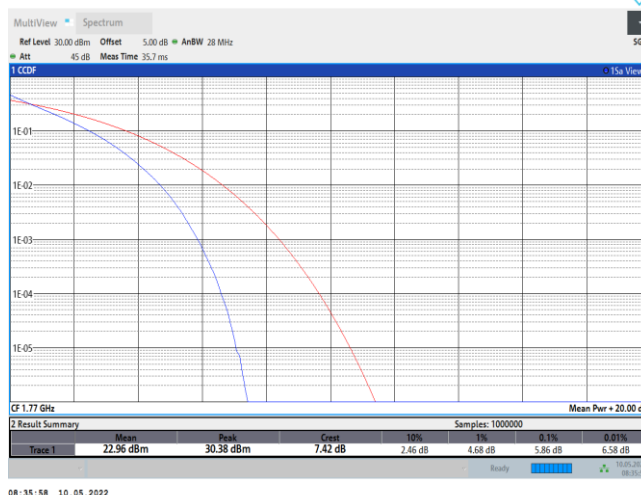
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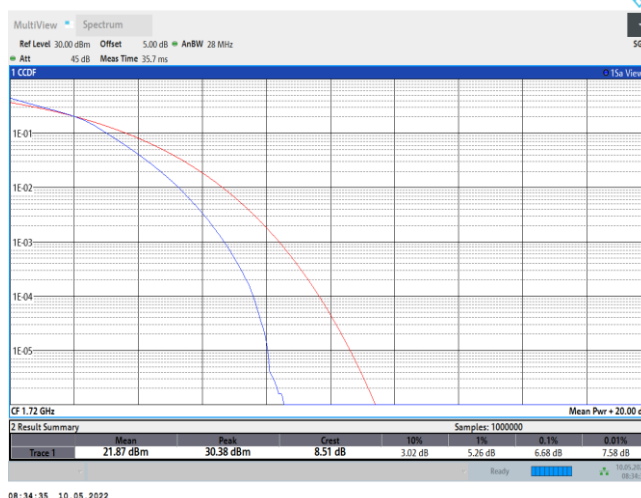
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Band66-20MHz-QPSK-132572-100RB#0



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



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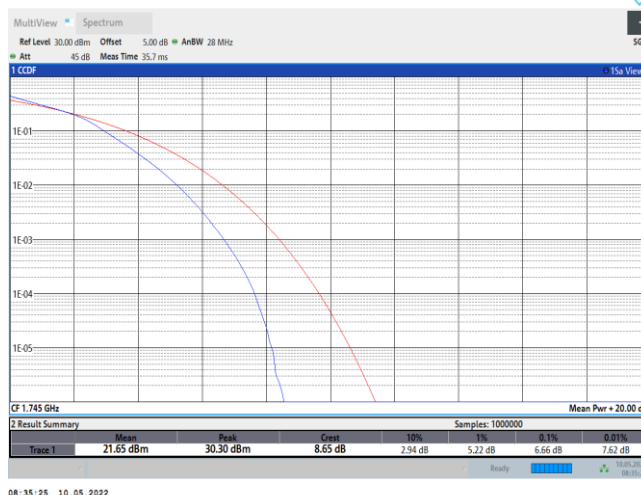
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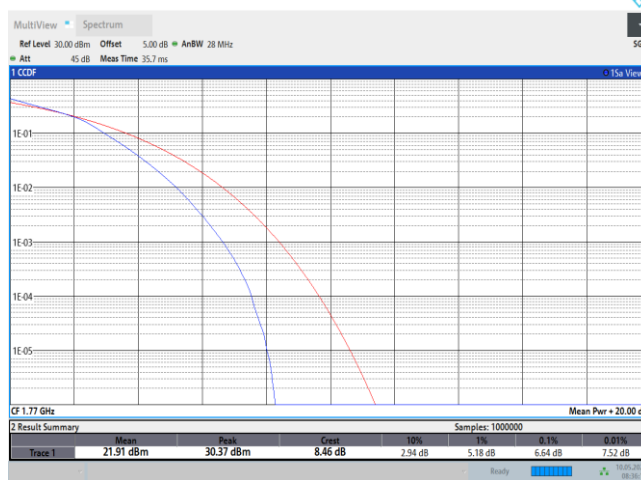
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Band66-20MHz-16QAM-132322-100RB#0



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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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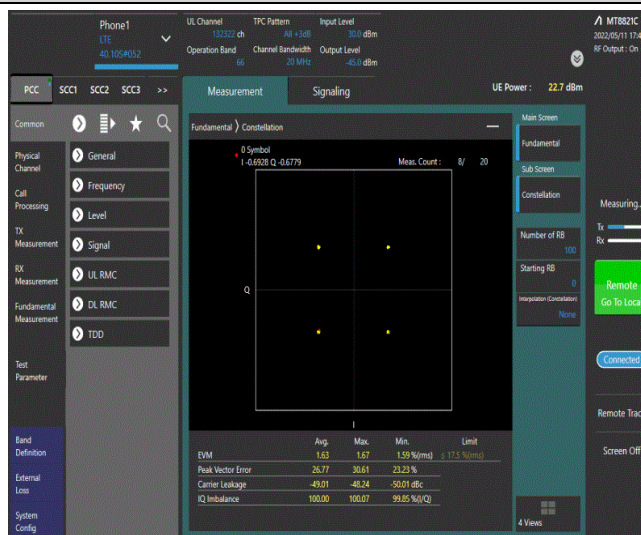
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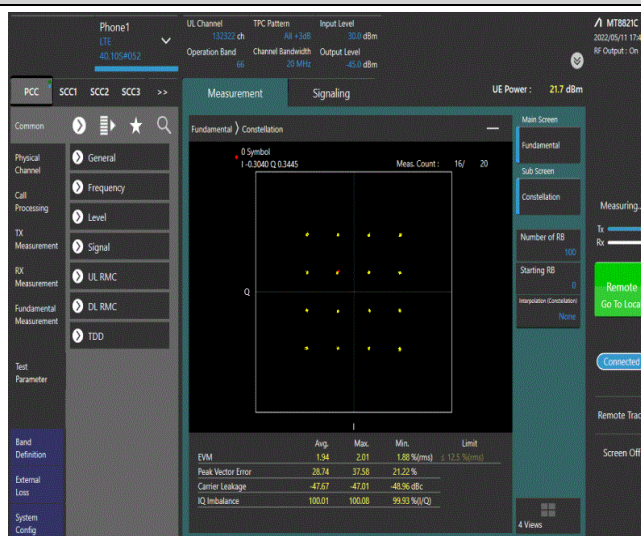
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Test Graphs

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



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



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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	1.089	1.28	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.09	1.28	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.09	1.27	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.097	1.30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.098	1.29	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.098	1.30	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.697	2.98	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.692	2.97	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.695	2.96	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.689	2.98	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.69	2.98	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.689	2.97	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.469	4.93	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.47	4.91	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.47	4.92	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.465	4.95	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.469	4.93	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.469	4.95	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.923	9.70	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.919	9.72	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.92	9.64	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.909	9.64	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.909	9.64	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.906	9.68	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.463	14.79	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.456	14.73	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.456	14.73	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.448	14.76	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.448	14.85	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.441	14.73	PASS



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Band66	20MHz	QPSK	132072	100RB#0	17.9	19.44	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.899	19.32	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.943	19.48	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.872	19.36	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.89	19.40	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.872	19.40	PASS



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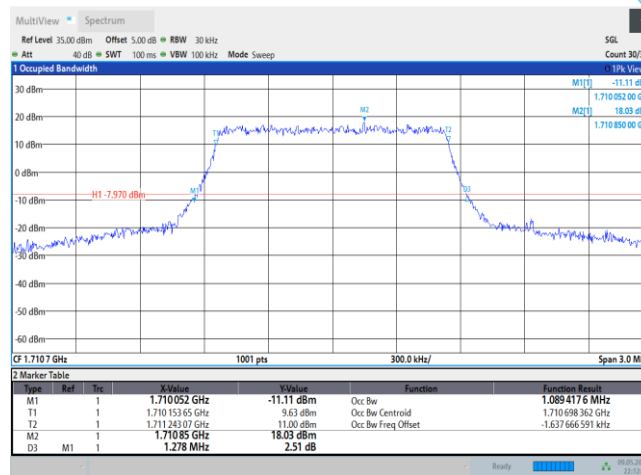
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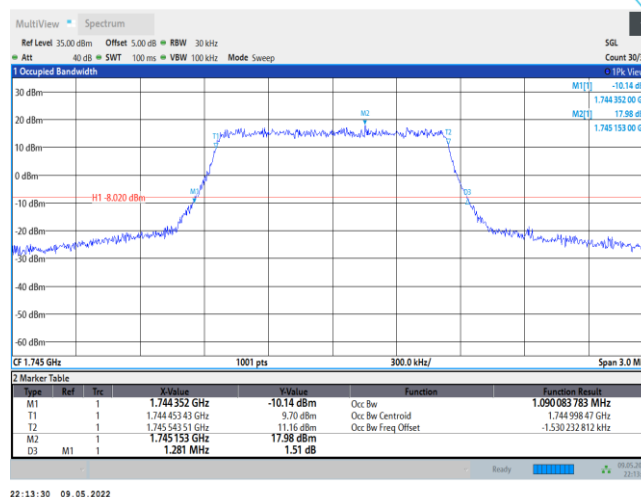
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Test Graphs

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



Band66-1.4MHz-QPSK-132322-6RB#0



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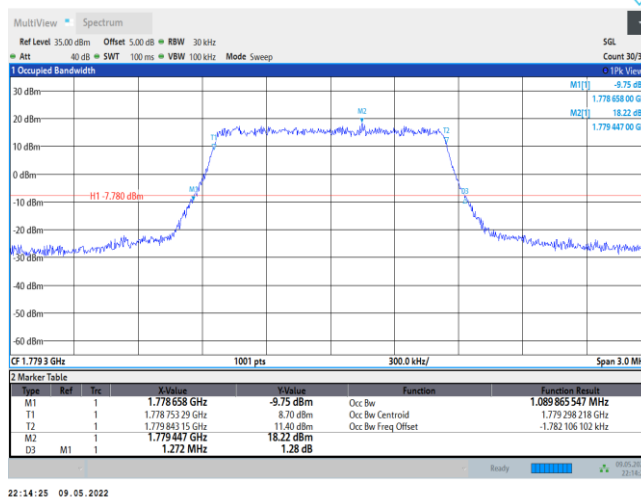
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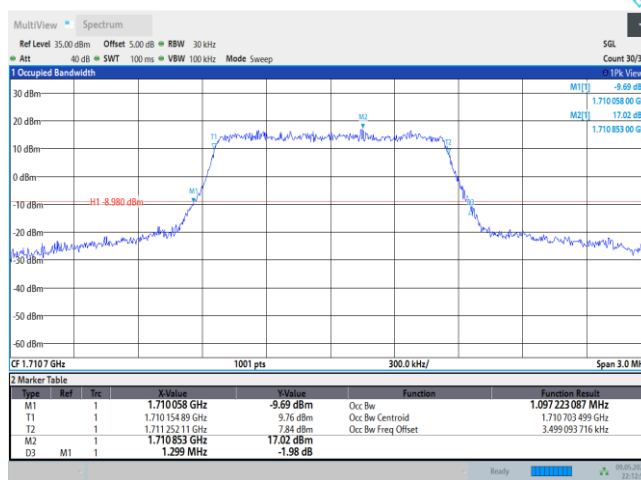
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Band66-1.4MHz-QPSK-132665-6RB#0



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



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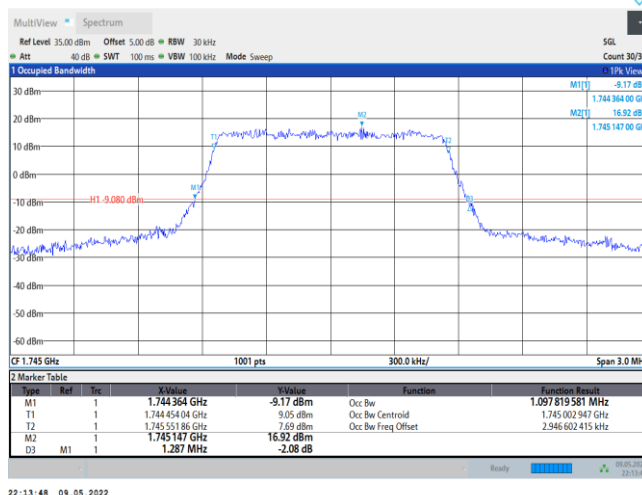
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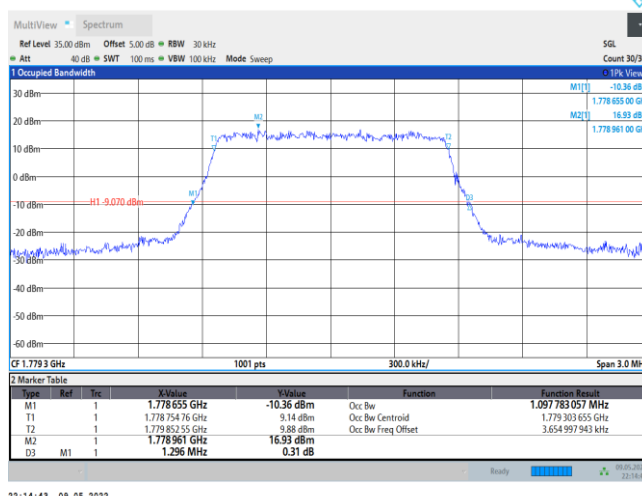
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Band66-1.4MHz-16QAM-132665-6RB#0



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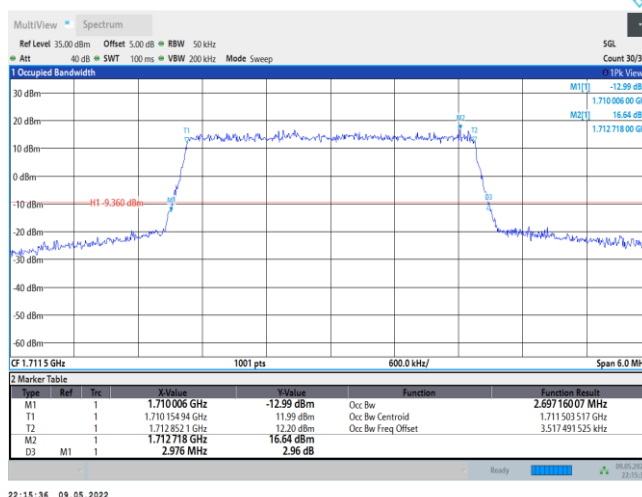
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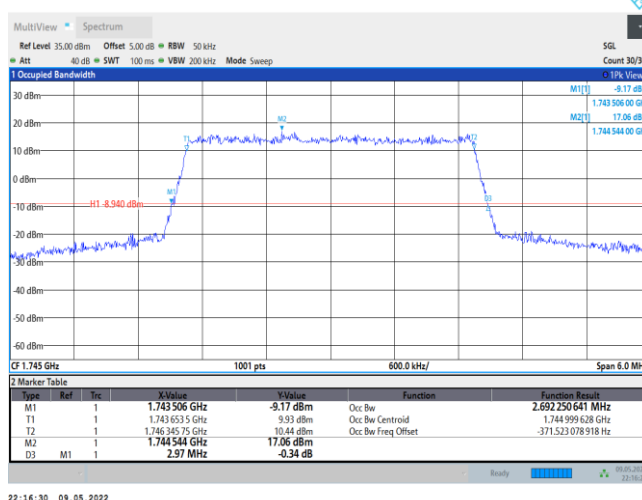
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Band66-3MHz-QPSK-131987-15RB#0



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



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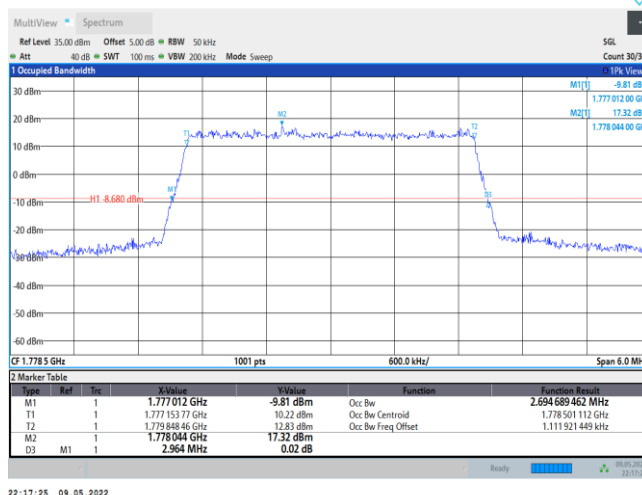
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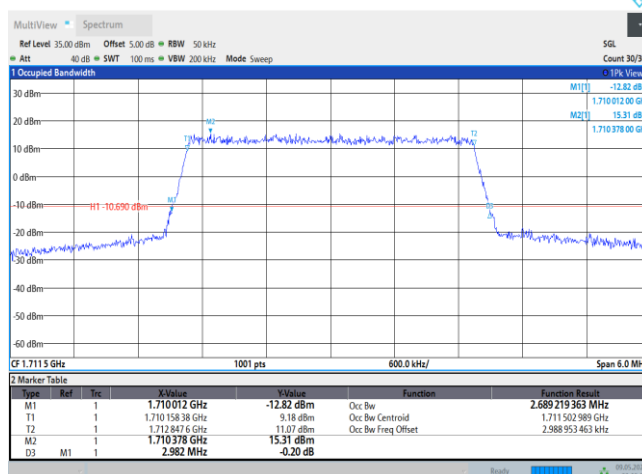
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Band66-3MHz-16QAM-131987-15RB#0



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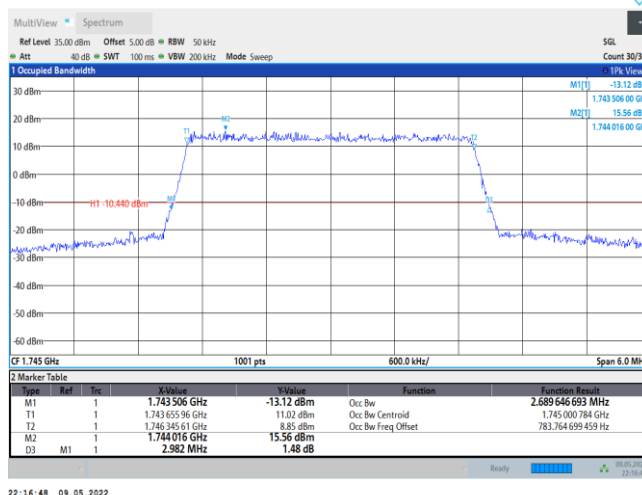
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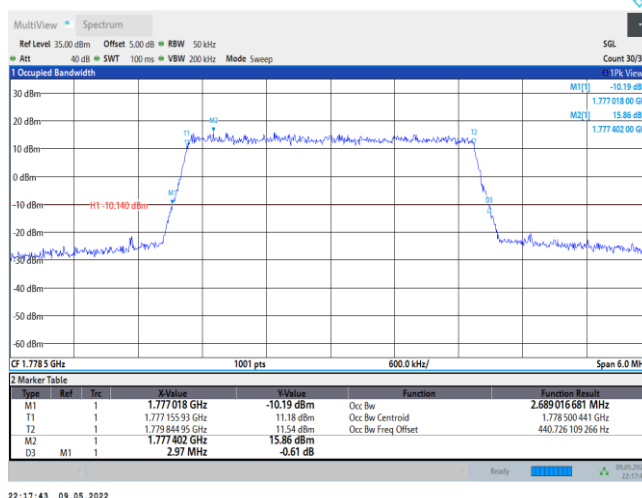
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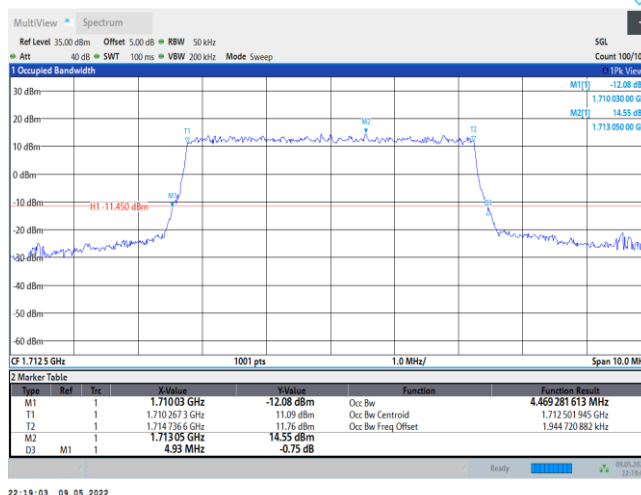
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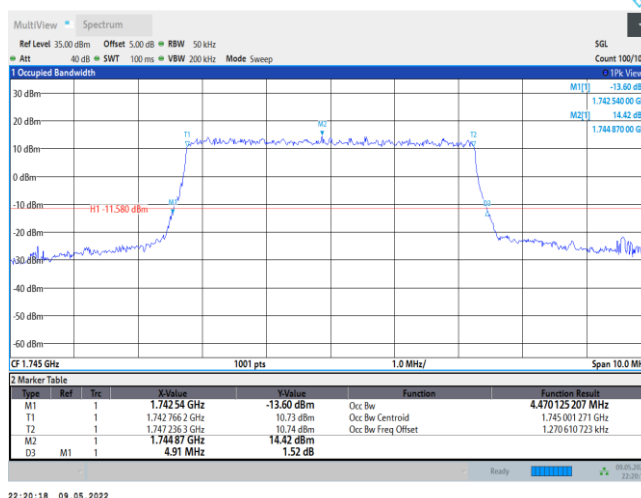
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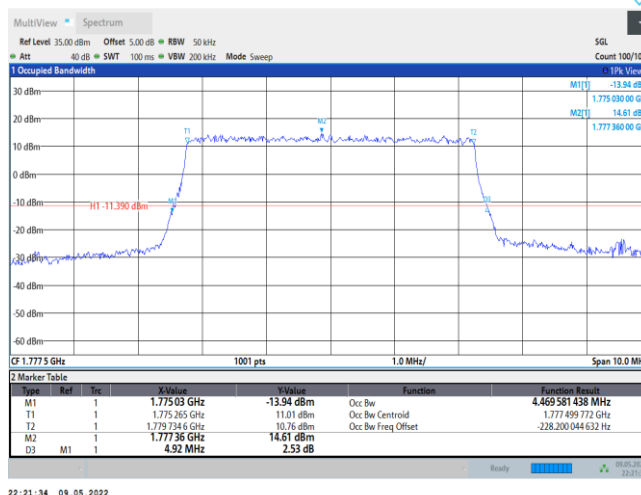
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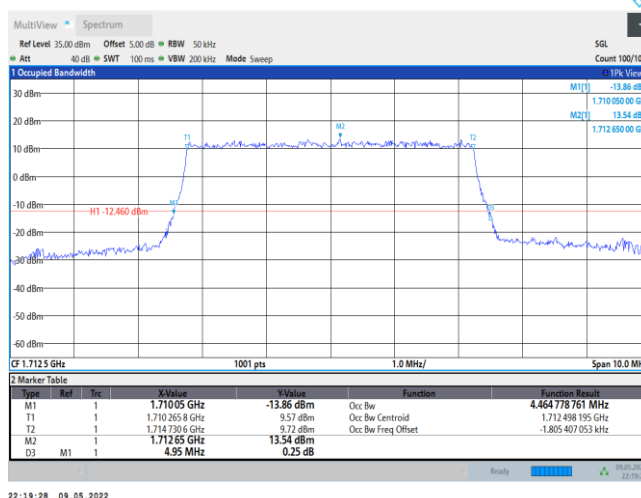
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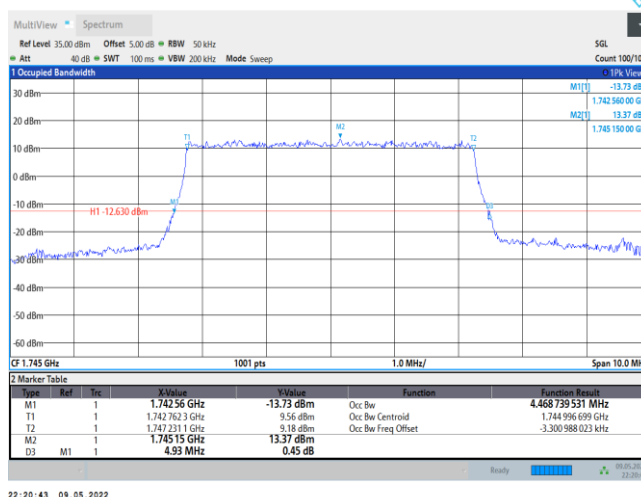
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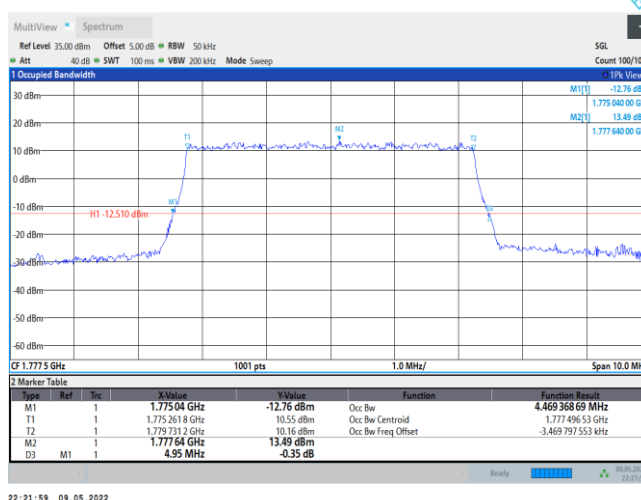
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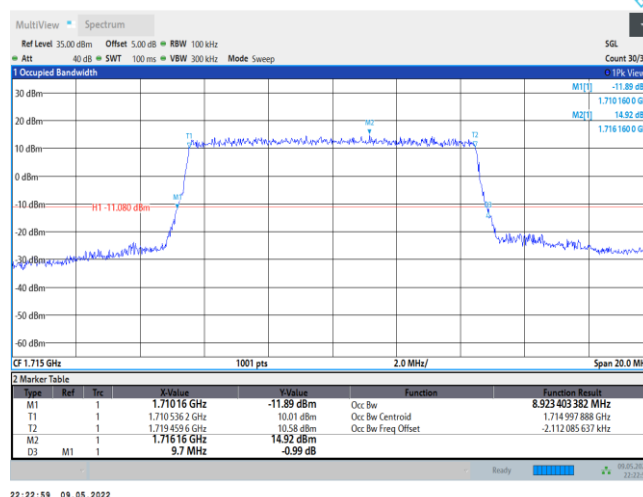
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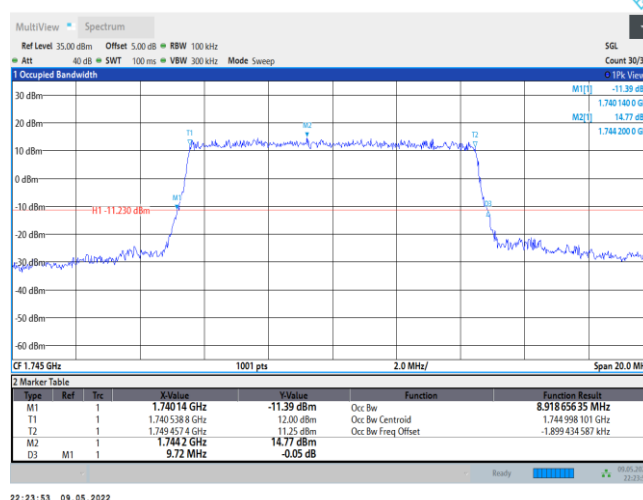
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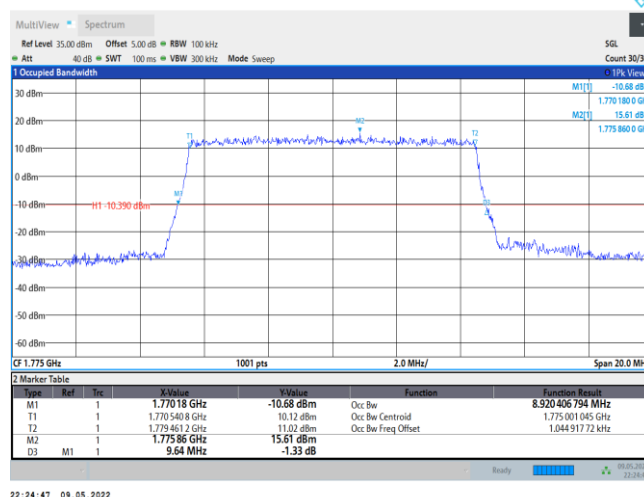
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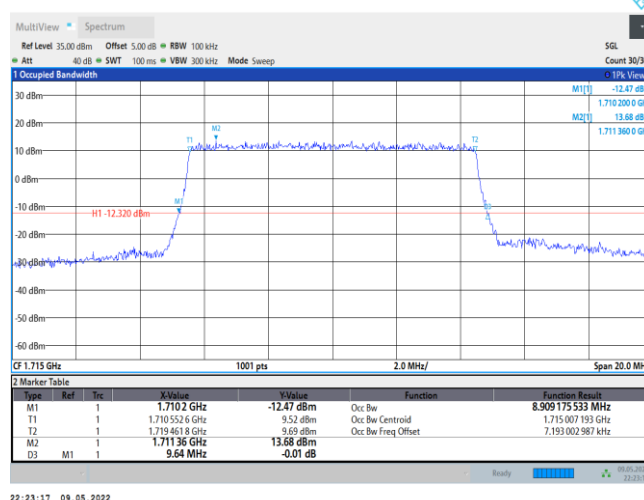
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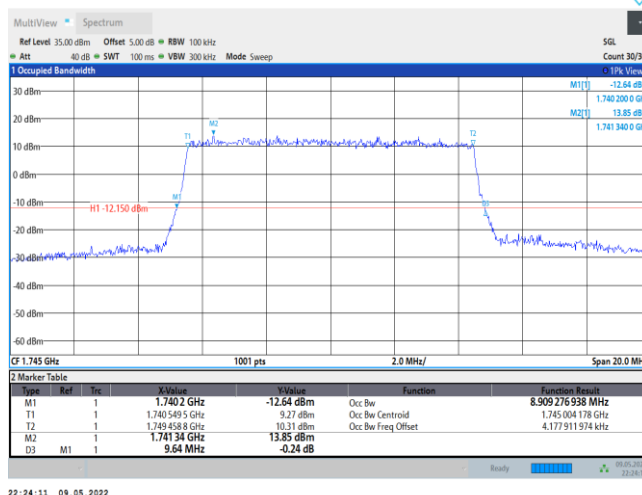
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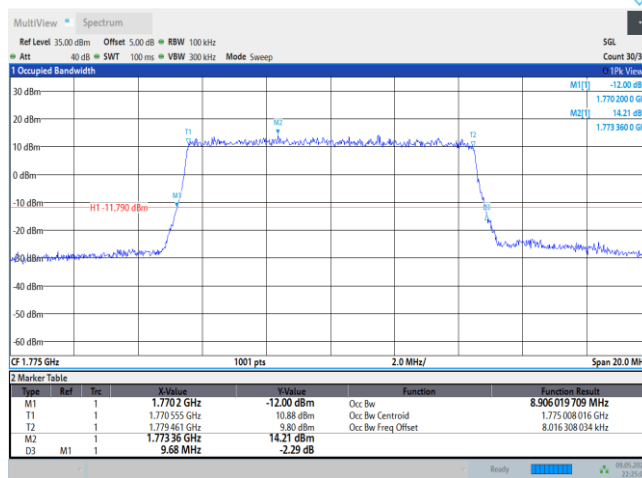
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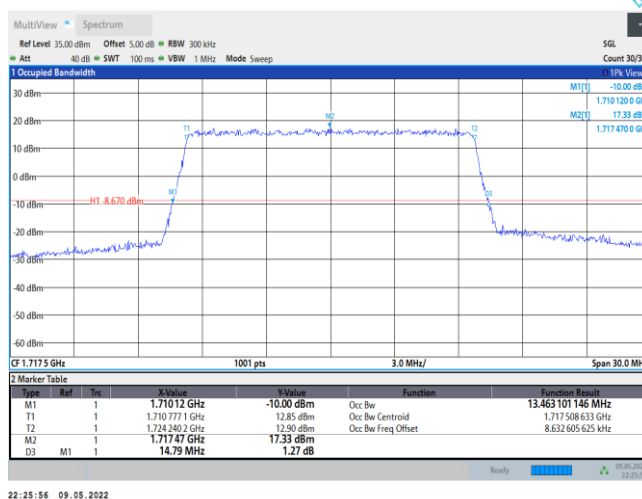
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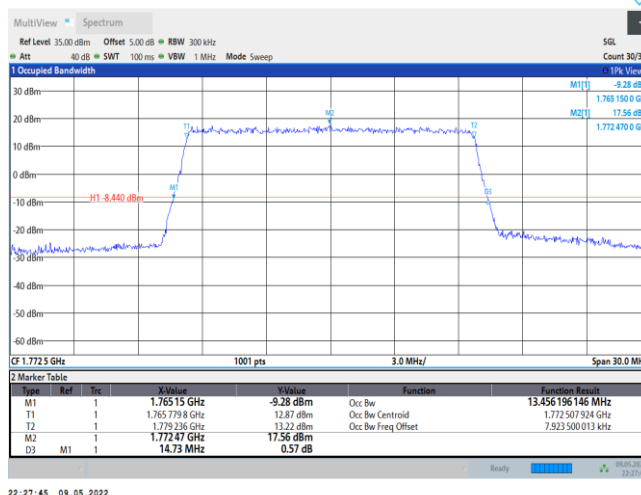
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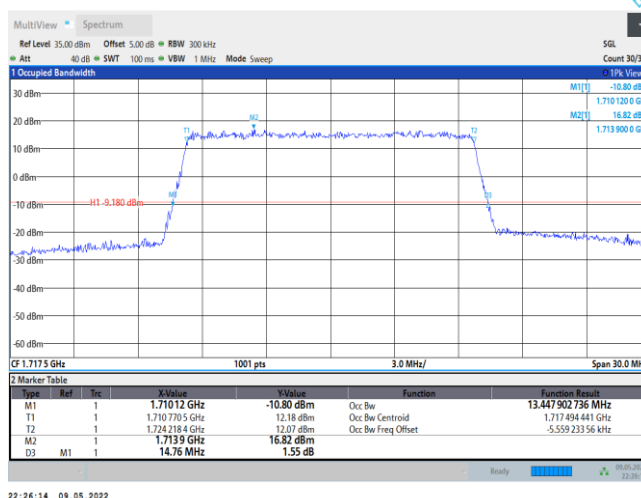
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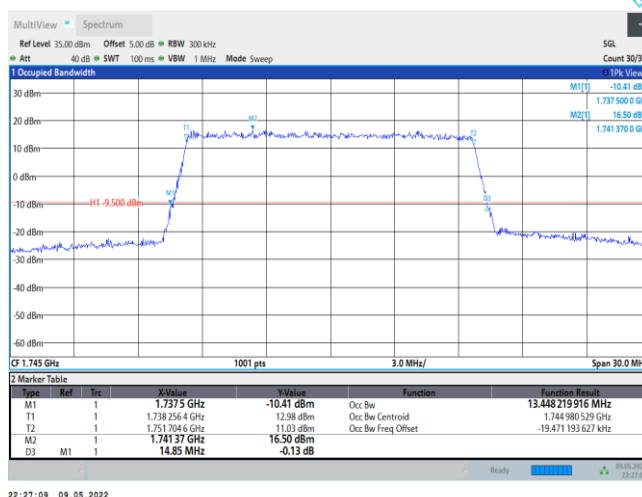
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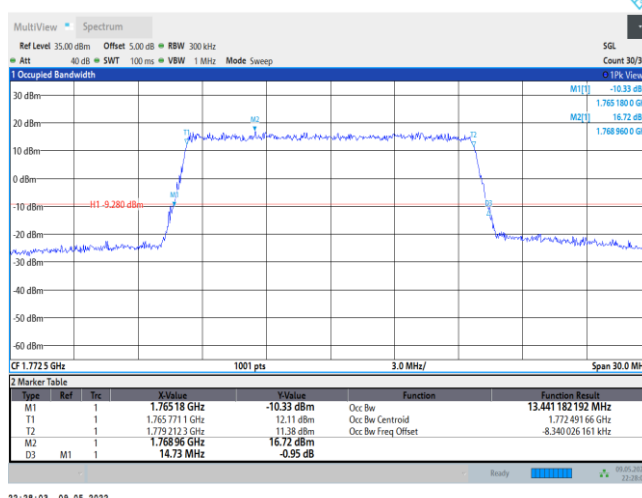
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Band66-15MHz-16QAM-132597-75RB#0



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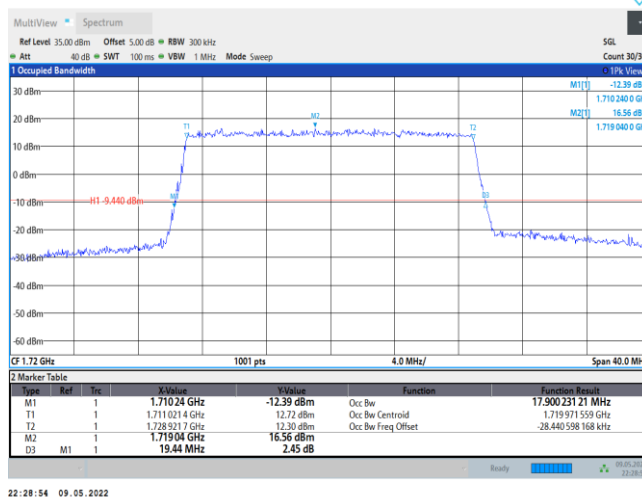
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Band66-20MHz-QPSK-132072-100RB#0



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



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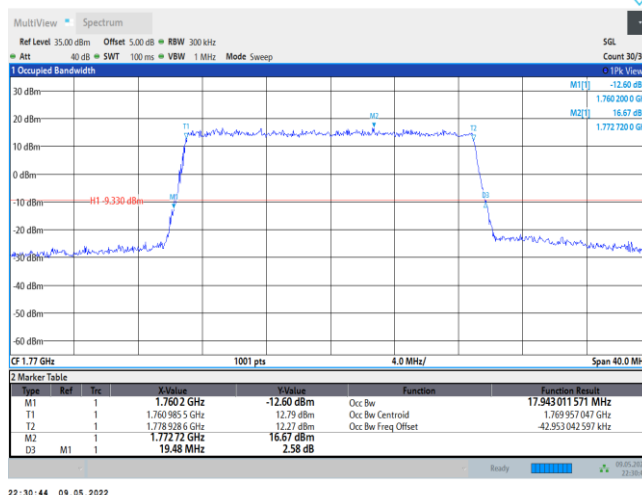
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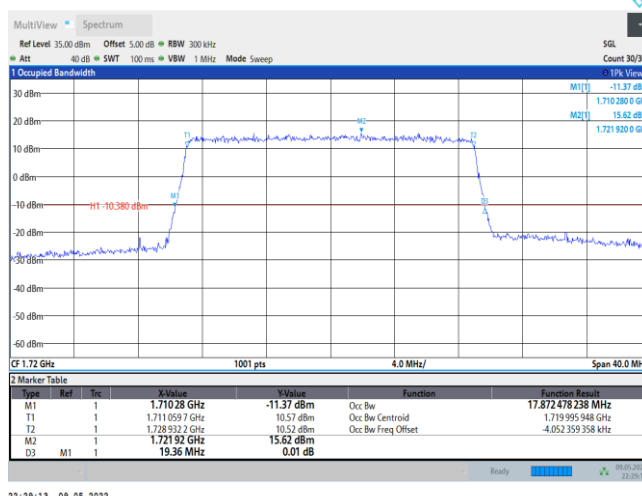
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Band66-20MHz-16QAM-132072-100RB#0



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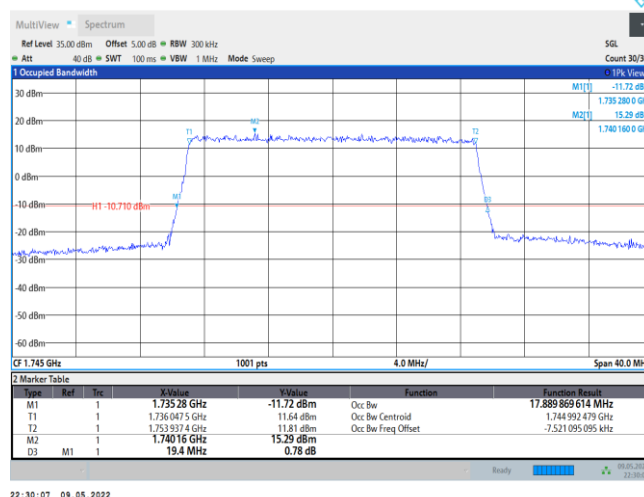
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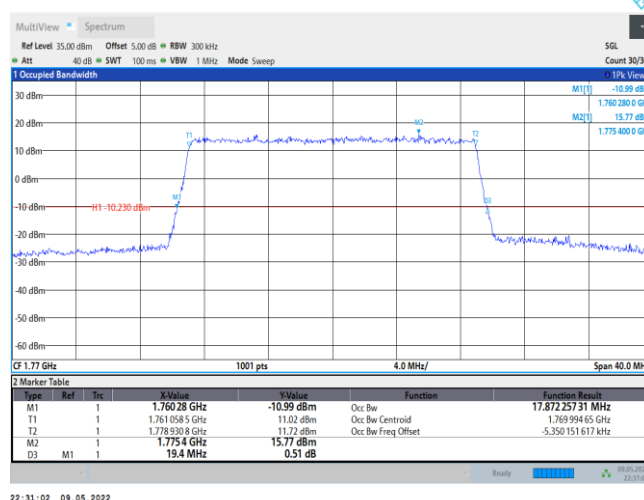
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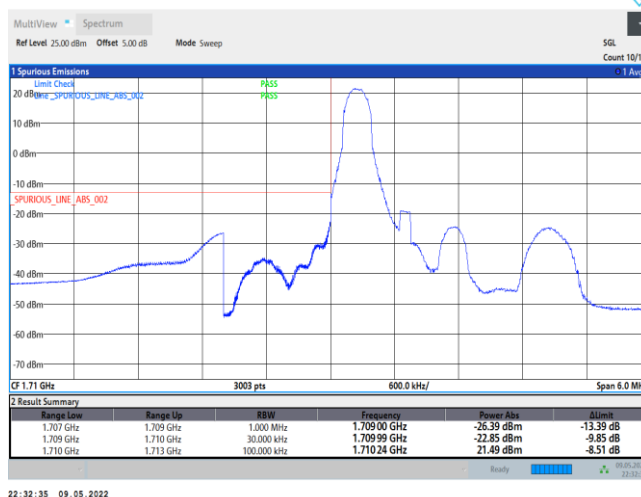
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Band Edge

Test Graphs

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



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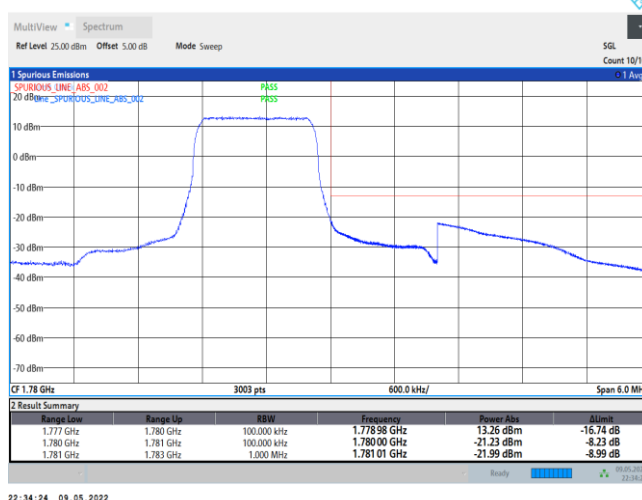
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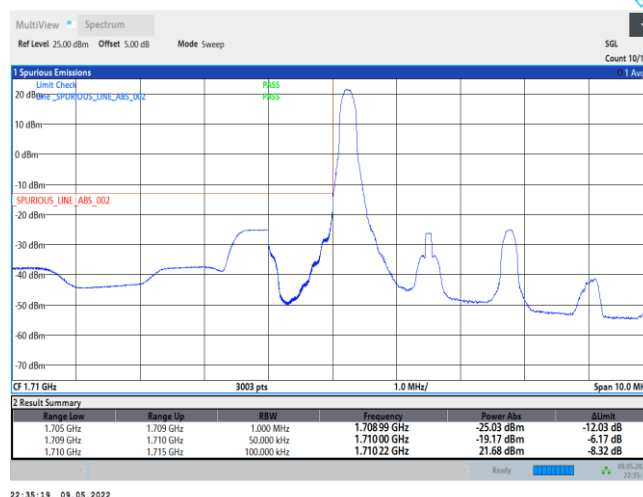
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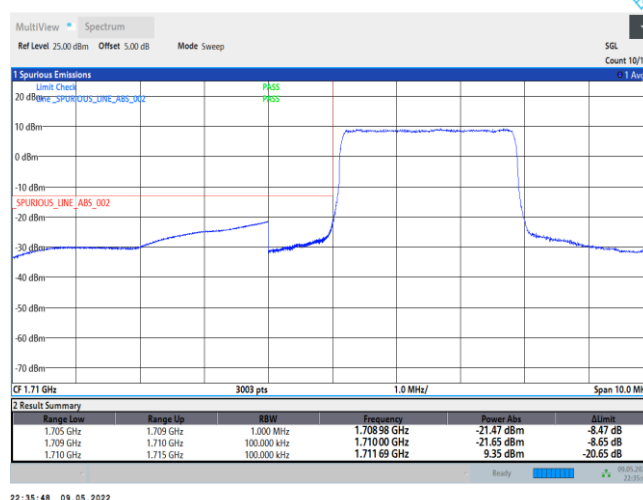
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Band66-3MHz-QPSK-131987-1RB#0



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



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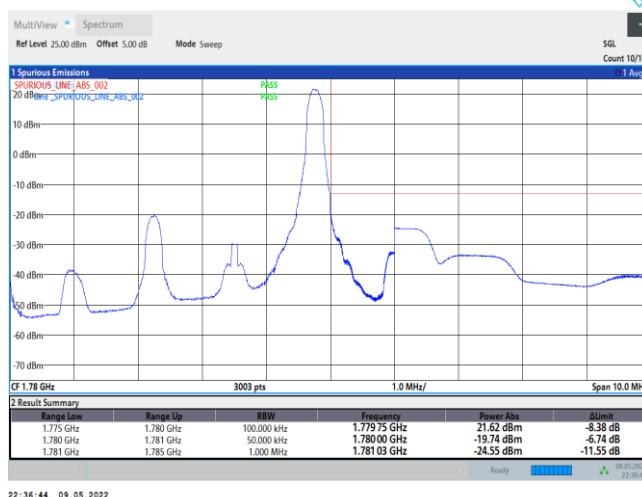
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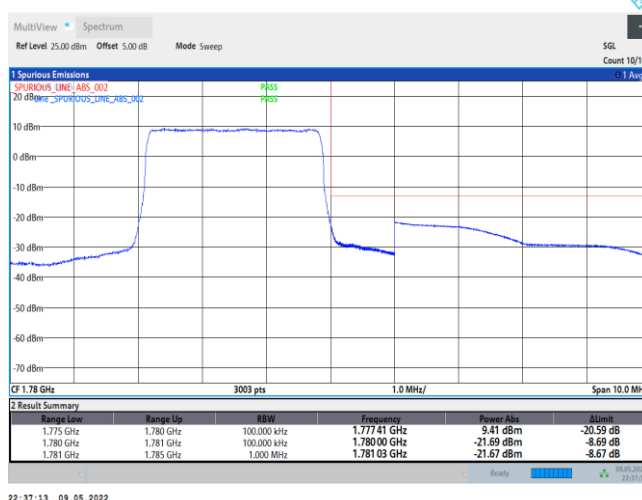
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Band66-5MHz-QPSK-131997-25RB#0



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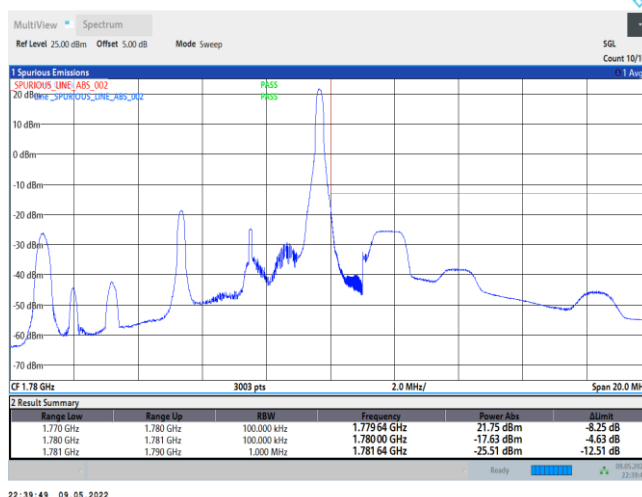
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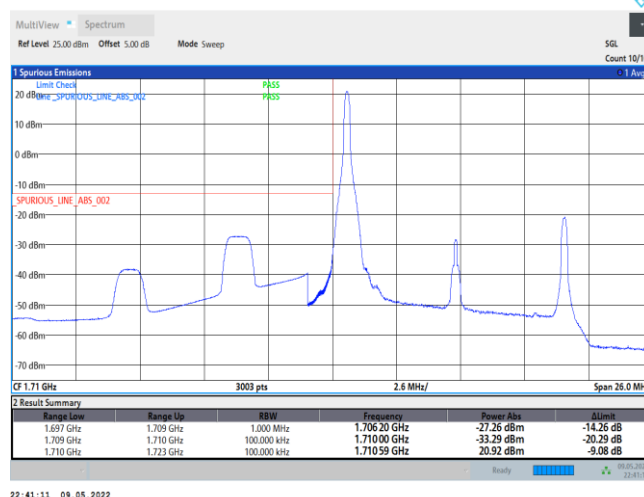
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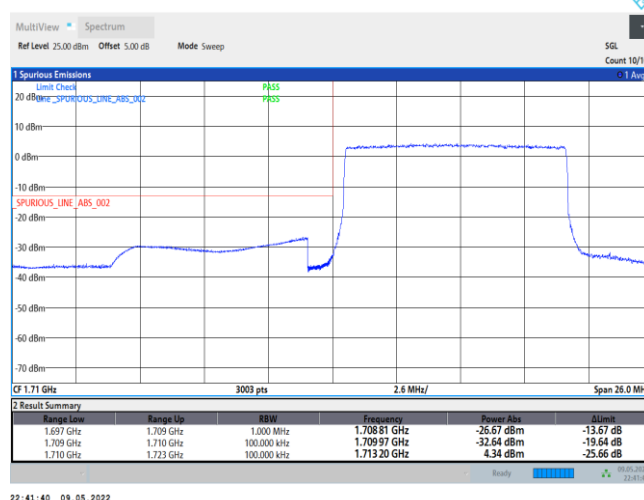
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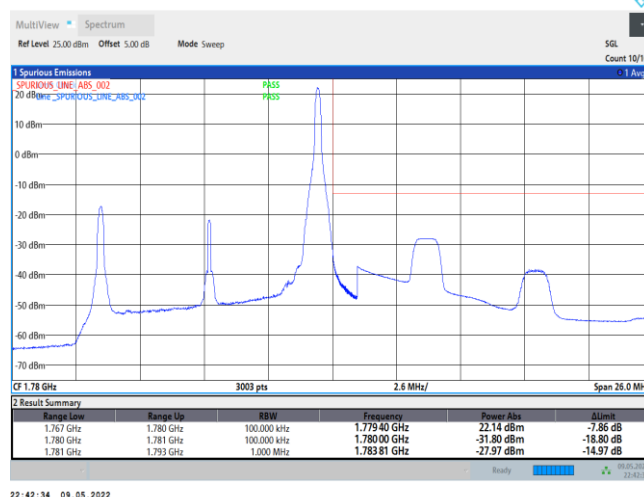
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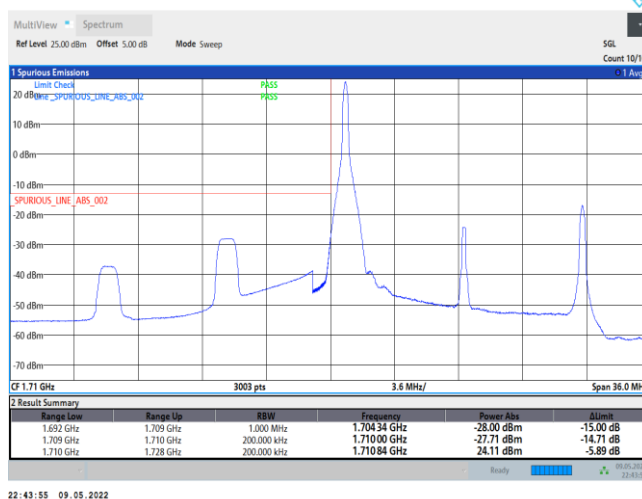
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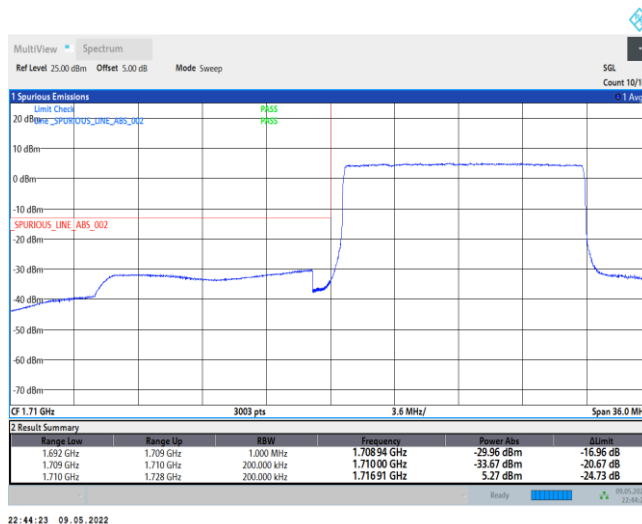
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Band66-15MHz-QPSK-132047-1RB#0



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



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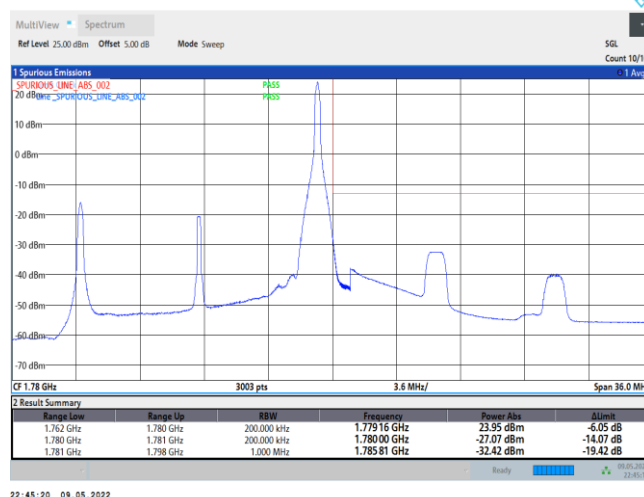
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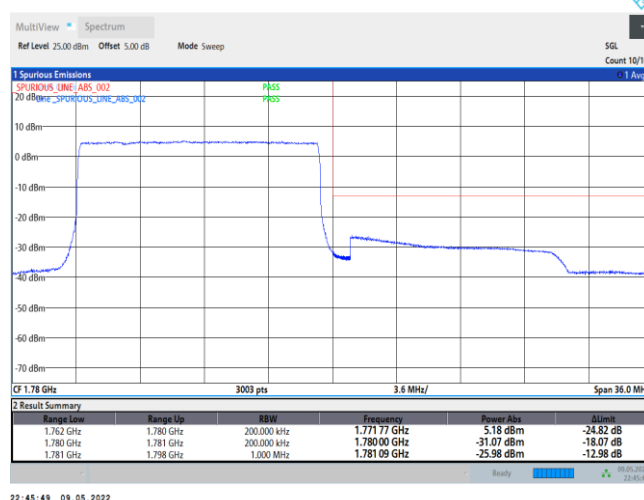
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Band66-15MHz-QPSK-132597-1RB#74



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



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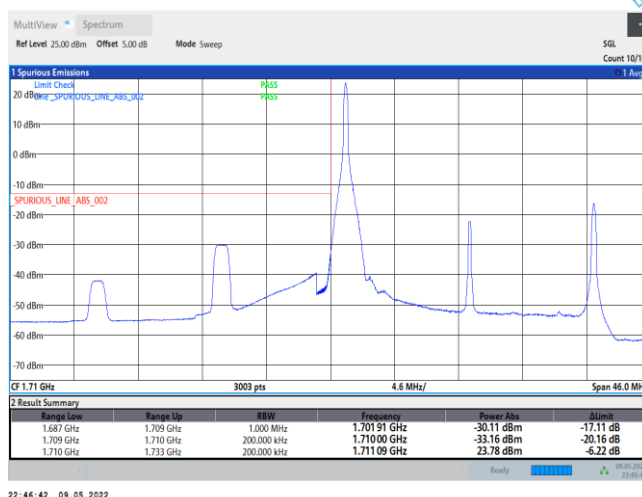
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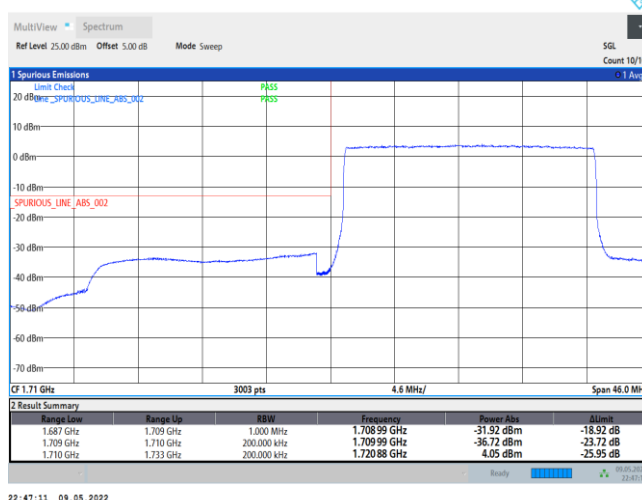
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Band66-20MHz-QPSK-132072-1RB#0



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



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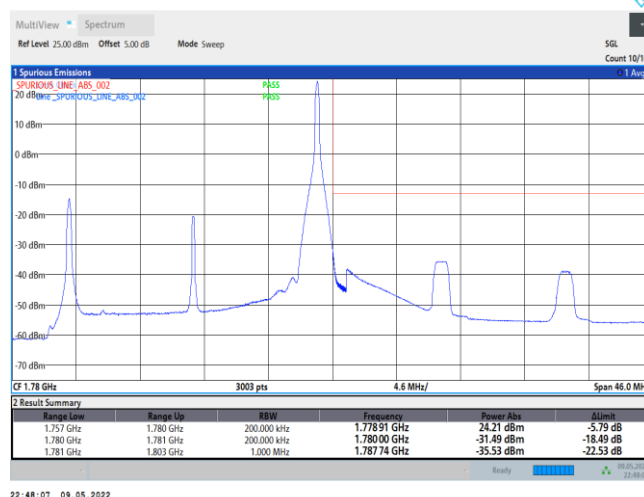
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Band66-20MHz-QPSK-132572-1RB#99



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



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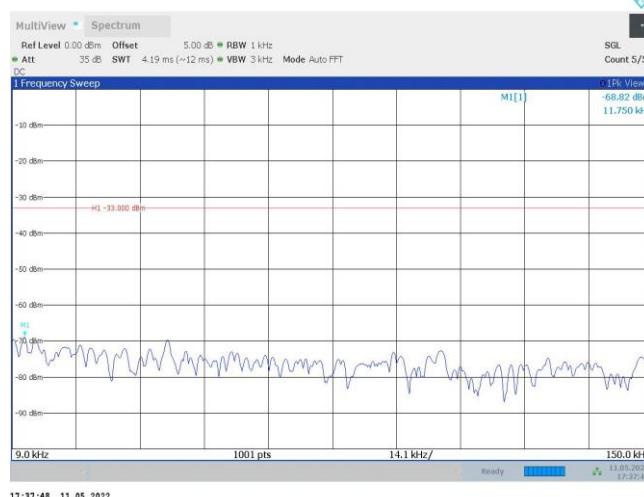
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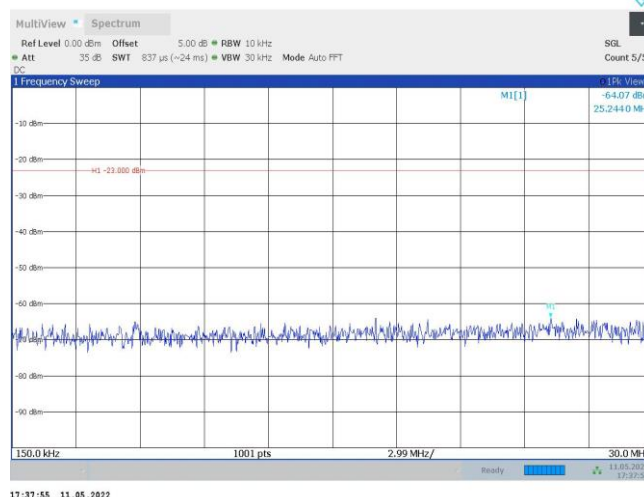
Conducted Spurious Emission

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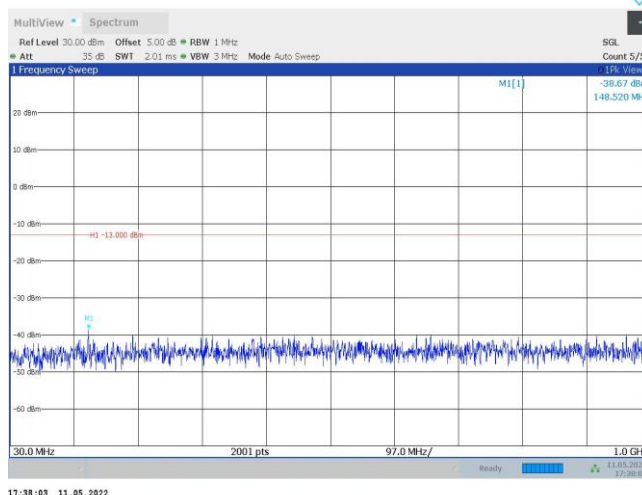
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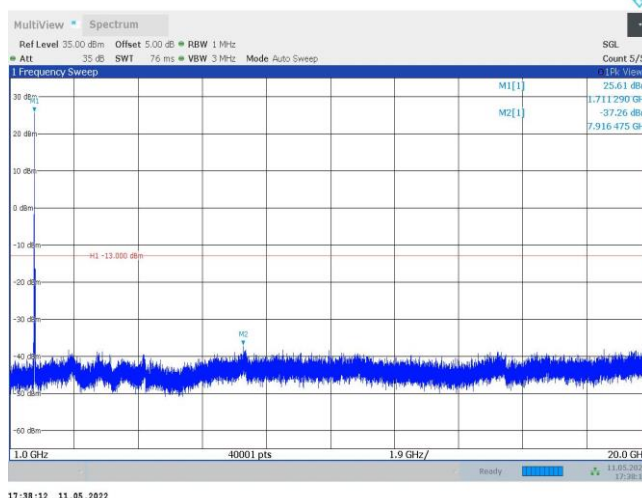
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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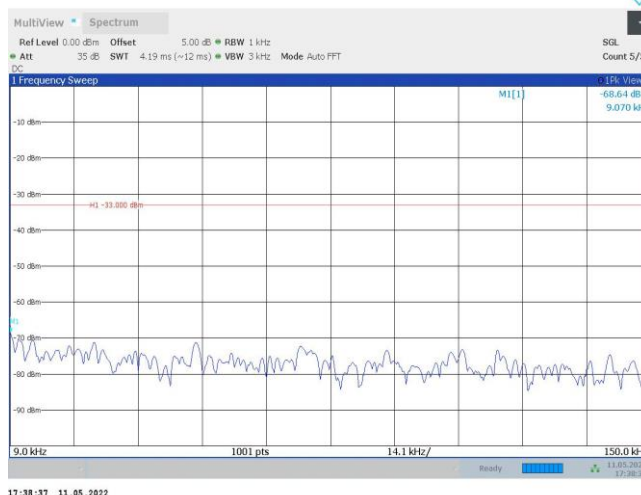
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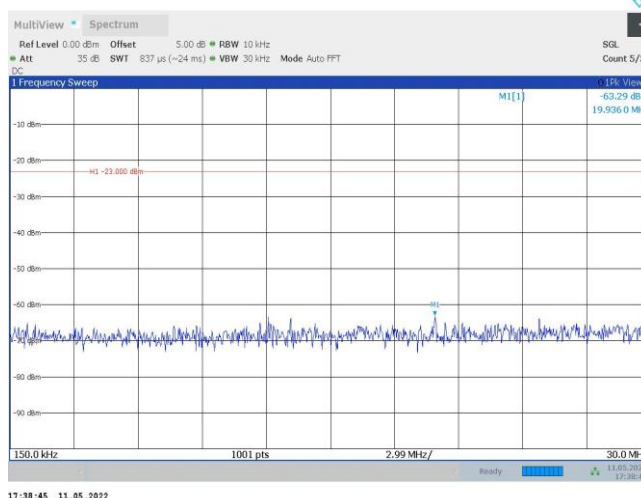
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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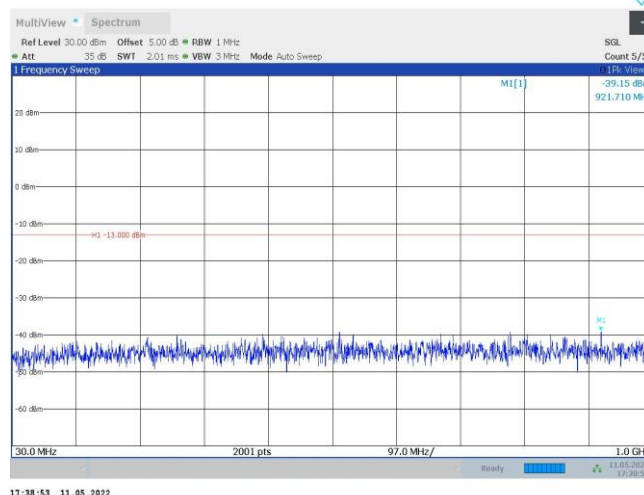
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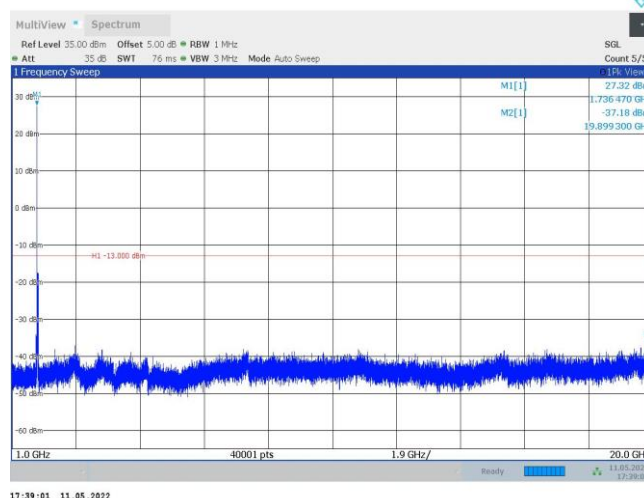
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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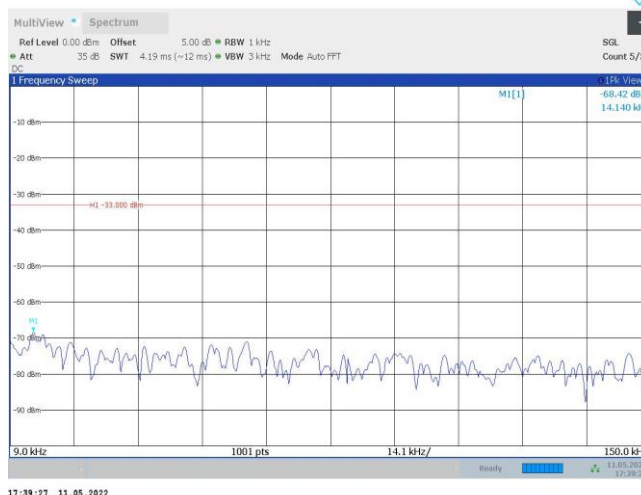
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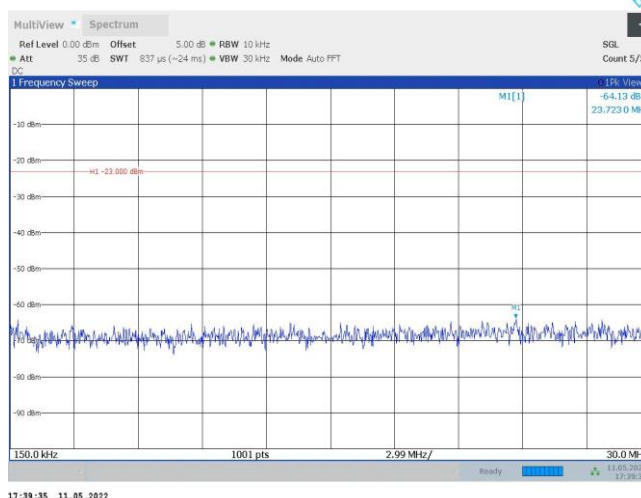
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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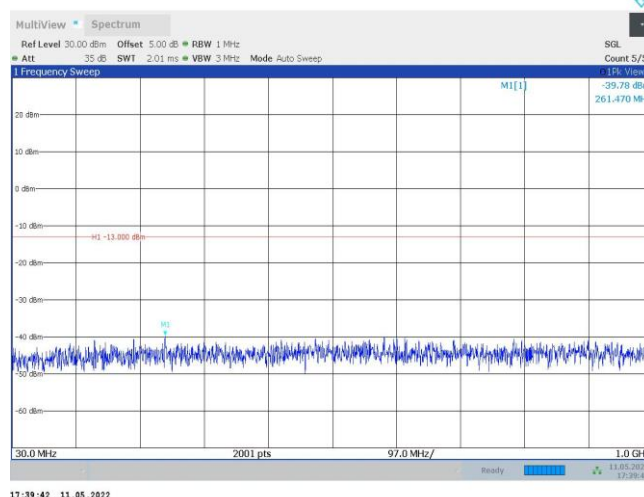
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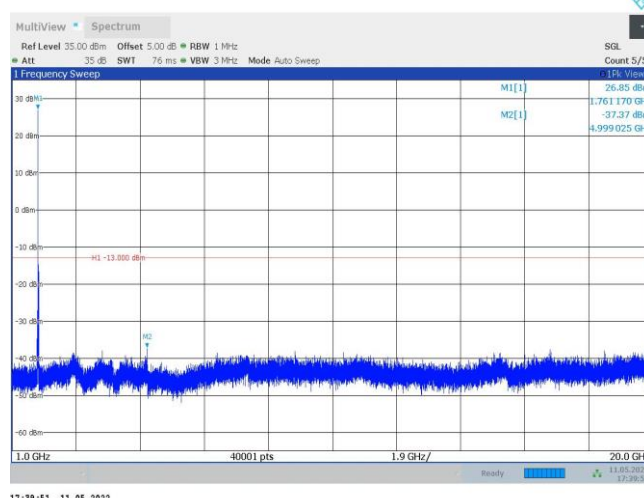
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



17:39:51 11.05.2022



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Field Strength of Spurious Radiation

Test Band = LTE Band 66_ TM1
Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	66.35	-112.09	-45.74	-13.00	32.74	184	40	Horizontal
2	5106.2700	50.50	-107.69	-57.19	-13.00	44.19	172	327	Horizontal
3	6808.3600	49.75	-103.57	-53.82	-13.00	40.82	236	4	Horizontal
4	8510.4500	48.05	-99.29	-51.24	-13.00	38.24	155	215	Horizontal
5	10212.5400	45.08	-95.89	-50.81	-13.00	37.81	196	338	Horizontal
6	11914.6300	43.86	-93.56	-49.70	-13.00	36.70	180	64	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	64.46	-112.09	-47.63	-13.00	34.63	205	66	Vertical
2	5106.2700	50.79	-107.69	-56.90	-13.00	43.90	152	359	Vertical
3	6808.3600	50.57	-103.57	-53.00	-13.00	40.00	133	201	Vertical
4	8510.4500	47.95	-99.29	-51.34	-13.00	38.34	165	355	Vertical
5	10212.5400	46.03	-95.89	-49.86	-13.00	36.86	185	66	Vertical
6	11914.6300	44.16	-93.56	-49.40	-13.00	36.40	172	4	Vertical



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Test Band = LTE Band 66_ TM1
Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3471.75	69.91	-112.03	-42.12	-13.00	29.12	184	355	Horizontal
2	5181.2700	51.77	-107.58	-55.81	-13.00	42.81	266	4	Horizontal
3	6908.3600	49.60	-103.34	-53.74	-13.00	40.74	251	202	Horizontal
4	8635.4500	46.85	-98.91	-52.06	-13.00	39.06	172	163	Horizontal
5	10362.5400	45.21	-95.45	-50.24	-13.00	37.24	203	128	Horizontal
6	12089.6300	44.58	-93.59	-49.01	-13.00	36.01	211	202	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3471.75	63.56	-112.03	-48.47	-13.00	35.47	254	51	Vertical
2	5181.2700	50.39	-107.58	-57.19	-13.00	44.19	188	359	Vertical
3	6908.3600	49.54	-103.34	-53.80	-13.00	40.80	196	337	Vertical
4	8635.4500	46.84	-98.91	-52.07	-13.00	39.07	250	152	Vertical
5	10362.5400	45.34	-95.45	-50.11	-13.00	37.11	237	355	Vertical
6	12089.6300	45.00	-93.59	-48.59	-13.00	35.59	171	301	Vertical



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Test Band = LTE Band 66_ TM1
Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	66.15	-111.95	-45.80	-13.00	32.80	205	26	Horizontal
2	5256.2700	49.98	-107.50	-57.52	-13.00	44.52	168	4	Horizontal
3	7008.3600	49.47	-102.77	-53.30	-13.00	40.30	191	359	Horizontal
4	8760.4500	47.67	-98.67	-51.00	-13.00	38.00	182	153	Horizontal
5	10512.5400	45.53	-95.05	-49.52	-13.00	36.52	263	39	Horizontal
6	12262.6300	43.96	-93.59	-49.63	-13.00	36.63	231	129	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	62.30	-111.95	-49.65	-13.00	36.65	158	115	Vertical
2	5256.2700	50.49	-107.50	-57.01	-13.00	44.01	154	347	Vertical
3	7008.3600	49.14	-102.77	-53.63	-13.00	40.63	196	314	Vertical
4	8760.4500	48.52	-98.67	-50.15	-13.00	37.15	182	265	Vertical
5	10512.5400	45.12	-95.05	-49.93	-13.00	36.93	142	214	Vertical
6	12262.6300	45.45	-93.59	-48.14	-13.00	35.14	222	238	Vertical



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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	-3.90	-0.002235	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-4.50	-0.002579	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-2.50	-0.001433	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-3.80	-0.002178	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	0.20	0.000115	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-1.10	-0.000630	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-2.70	-0.001547	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.40	-0.001375	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-3.20	-0.001834	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-2.30	-0.001318	PASS

The End



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