



# Appendix B

## E-UTRA Band 66



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

### Down Antenna:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.56	21.56	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.12	21.12	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.13	21.13	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.41	21.41	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.14	21.14	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.00	21.00	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.36	20.36	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.51	21.51	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.28	21.28	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.14	21.14	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	22.30	21.30	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	22.30	21.30	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	22.17	21.17	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.30	20.30	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.56	21.56	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.18	21.18	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.21	21.21	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	22.47	21.47	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	22.23	21.23	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	22.04	21.04	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.07	20.07	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.48	20.48	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.38	20.38	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.56	20.56	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.14	20.14	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	21.33	20.33	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	21.17	20.17	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.42	19.42	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.24	20.24	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.28	20.28	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.08	20.08	30.00	PASS



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Band66	1.4MHz	16QAM	132322	3RB#0	20.08	19.08	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	20.15	19.15	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	20.07	19.07	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.38	19.38	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.49	20.49	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.40	20.40	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.59	20.59	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	21.31	20.31	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	21.15	20.15	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	21.31	20.31	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.58	19.58	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.55	21.55	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.33	21.33	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	21.98	20.98	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.36	20.36	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.30	20.30	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#7	21.33	20.33	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.19	20.19	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.44	21.44	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.41	21.41	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.15	21.15	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#0	21.21	20.21	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	21.16	20.16	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	21.15	20.15	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.17	20.17	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.53	21.53	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.30	21.30	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.00	21.00	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#0	21.10	20.10	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#4	21.05	20.05	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#7	21.04	20.04	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.06	20.06	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.37	20.37	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.28	20.28	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.36	20.36	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.25	19.25	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.21	19.21	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.15	19.15	30.00	PASS



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Band66	3MHz	16QAM	131987	15RB#0	20.16	19.16	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.18	20.18	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.14	20.14	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	20.85	19.85	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#0	19.92	18.92	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#4	20.00	19.00	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#7	19.93	18.93	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.17	19.17	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.07	20.07	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.13	20.13	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	20.82	19.82	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#0	20.19	19.19	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#4	20.04	19.04	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#7	20.21	19.21	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	19.93	18.93	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.45	21.45	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.05	21.05	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.16	21.16	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.40	20.40	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.42	20.42	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.22	20.22	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.41	20.41	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.48	21.48	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.24	21.24	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.17	21.17	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#0	21.23	20.23	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#6	21.26	20.26	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#13	21.02	20.02	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.32	20.32	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.36	21.36	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.15	21.15	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	21.98	20.98	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#0	21.31	20.31	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#6	21.26	20.26	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#13	20.93	19.93	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.07	20.07	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.52	20.52	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.32	20.32	30.00	PASS



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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band66	5MHz	16QAM	131997	1RB#24	21.46	20.46	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.20	19.20	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#6	20.19	19.19	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.00	19.00	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.25	19.25	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.26	20.26	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.20	20.20	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	20.97	19.97	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#0	20.02	19.02	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#6	20.00	19.00	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#13	19.89	18.89	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.32	19.32	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.48	20.48	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.29	20.29	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.45	20.45	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#0	20.24	19.24	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#6	19.99	18.99	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#13	20.12	19.12	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.03	19.03	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.49	21.49	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.36	21.36	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.22	21.22	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.36	20.36	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.39	20.39	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.32	20.32	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.27	20.27	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.28	21.28	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.41	21.41	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.22	21.22	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#0	21.18	20.18	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#12	21.22	20.22	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#25	21.11	20.11	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.22	20.22	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.37	21.37	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.28	21.28	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.14	21.14	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#0	21.05	20.05	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#12	21.09	20.09	30.00	PASS



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Band66	10MHz	QPSK	132622	25RB#25	20.98	19.98	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.09	20.09	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.40	20.40	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.22	20.22	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.35	20.35	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#0	20.28	19.28	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#12	20.17	19.17	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.08	19.08	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.09	19.09	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.19	20.19	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.06	20.06	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	20.83	19.83	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#0	19.88	18.88	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#12	19.95	18.95	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#25	19.85	18.85	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.12	19.12	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.05	20.05	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.02	20.02	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	20.77	19.77	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#0	20.14	19.14	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#12	19.98	18.98	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#25	20.12	19.12	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	19.87	18.87	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.49	21.49	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.15	21.15	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.07	21.07	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#0	21.38	20.38	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#18	21.34	20.34	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#37	21.25	20.25	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.36	20.36	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.35	21.35	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.34	21.34	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.06	21.06	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#0	21.20	20.20	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#18	21.17	20.17	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#37	21.04	20.04	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.26	20.26	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.58	21.58	30.00	PASS



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Band66	15MHz	QPSK	132597	1RB#38	22.12	21.12	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.18	21.18	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#0	21.14	20.14	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#18	21.11	20.11	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#37	20.98	19.98	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.20	20.20	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.49	20.49	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.31	20.31	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.38	20.38	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#0	20.12	19.12	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#18	20.17	19.17	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#37	20.03	19.03	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.24	19.24	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.22	20.22	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.19	20.19	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	20.89	19.89	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#0	19.99	18.99	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#18	19.98	18.98	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#37	19.92	18.92	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.23	19.23	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.16	20.16	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.13	20.13	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	20.83	19.83	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#0	20.23	19.23	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#18	19.99	18.99	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#37	20.17	19.17	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	19.96	18.96	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.55	21.55	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.35	21.35	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.11	21.11	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.23	20.23	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.32	20.32	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.26	20.26	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.39	20.39	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.52	21.52	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.56	21.56	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.13	21.13	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#0	21.37	20.37	30.00	PASS



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Band66	20MHz	QPSK	132322	50RB#25	21.38	20.38	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#50	21.17	20.17	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.22	20.22	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.51	21.51	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.24	21.24	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.13	21.13	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#0	21.25	20.25	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#25	21.30	20.30	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#50	21.04	20.04	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.07	20.07	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.59	20.59	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.46	20.46	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.53	20.53	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#0	19.96	18.96	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.08	19.08	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#50	20.06	19.06	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	19.97	18.97	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.72	20.72	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.70	20.70	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.42	20.42	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#0	20.14	19.14	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#25	20.21	19.21	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#50	20.09	19.09	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.36	19.36	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.57	20.57	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.45	20.45	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.55	20.55	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#0	20.04	19.04	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#25	20.11	19.11	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#50	20.14	19.14	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.06	19.06	30.00	PASS



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**Up Antenna:**

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	19.49	18.49	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	19.42	18.42	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	19.36	18.36	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	19.34	18.34	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	19.49	18.49	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	19.30	18.30	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	19.39	18.39	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	19.64	18.64	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	19.58	18.58	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	19.40	18.40	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	19.27	18.27	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	19.47	18.47	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	19.54	18.54	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	19.39	18.39	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	19.32	18.32	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	19.46	18.46	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	19.35	18.35	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	19.35	18.35	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	19.43	18.43	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	19.57	18.57	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	19.31	18.31	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	19.28	18.28	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	19.31	18.31	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	19.27	18.27	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	19.56	18.56	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	19.49	18.49	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	19.39	18.39	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	19.43	18.43	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	19.29	18.29	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	19.34	18.34	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	19.23	18.23	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	19.66	18.66	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	19.38	18.38	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	19.49	18.49	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	19.45	18.45	30.00	PASS



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Band66	1.4MHz	16QAM	132665	1RB#0	19.46	18.46	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	19.33	18.33	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	19.19	18.19	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	19.39	18.39	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	19.39	18.39	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	19.50	18.50	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	19.37	18.37	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	19.28	18.28	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	19.47	18.47	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	19.52	18.52	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#0	19.69	18.69	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#4	19.39	18.39	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#7	19.35	18.35	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	19.53	18.53	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	19.27	18.27	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	19.45	18.45	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	19.48	18.48	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#0	19.39	18.39	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	19.49	18.49	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	19.61	18.61	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	19.22	18.22	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	19.42	18.42	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	19.44	18.44	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	19.56	18.56	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#0	19.32	18.32	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#4	19.54	18.54	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#7	19.41	18.41	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	19.28	18.28	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	19.52	18.52	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	19.56	18.56	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	19.51	18.51	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#0	19.37	18.37	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#4	19.24	18.24	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#7	19.56	18.56	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	19.42	18.42	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	19.47	18.47	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	19.33	18.33	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	19.30	18.30	30.00	PASS



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Band66	3MHz	16QAM	132322	8RB#0	19.47	18.47	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#4	19.33	18.33	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#7	19.55	18.55	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	19.39	18.39	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	19.52	18.52	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	19.44	18.44	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	19.45	18.45	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#0	19.16	18.16	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#4	19.29	18.29	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#7	19.61	18.61	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	19.34	18.34	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	19.30	18.30	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	19.47	18.47	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	19.49	18.49	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#0	19.43	18.43	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#6	19.28	18.28	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#13	19.44	18.44	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	19.54	18.54	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	19.40	18.40	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	19.56	18.56	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	19.36	18.36	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#0	19.56	18.56	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#6	19.30	18.30	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#13	19.38	18.38	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	19.45	18.45	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	19.38	18.38	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	19.50	18.50	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	19.46	18.46	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#0	19.36	18.36	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#6	19.45	18.45	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#13	19.39	18.39	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	19.54	18.54	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	19.35	18.35	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	19.17	18.17	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	19.37	18.37	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#0	19.28	18.28	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#6	19.44	18.44	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#13	19.68	18.68	30.00	PASS



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Band66	5MHz	16QAM	131997	25RB#0	19.36	18.36	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	19.29	18.29	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	19.18	18.18	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	19.28	18.28	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#0	19.49	18.49	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#6	19.30	18.30	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#13	19.60	18.60	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	19.29	18.29	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	19.49	18.49	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	19.27	18.27	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	19.28	18.28	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#0	19.18	18.18	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#6	19.21	18.21	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#13	19.68	18.68	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	19.34	18.34	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	19.31	18.31	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	19.19	18.19	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	19.32	18.32	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#0	19.63	18.63	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#12	19.31	18.31	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#25	19.37	18.37	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	19.26	18.26	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	19.28	18.28	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	19.45	18.45	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	19.40	18.40	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#0	19.26	18.26	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#12	19.41	18.41	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#25	19.50	18.50	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	19.20	18.20	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	19.48	18.48	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	19.48	18.48	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	19.33	18.33	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#0	19.29	18.29	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#12	19.41	18.41	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#25	19.54	18.54	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	19.31	18.31	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	19.46	18.46	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	19.43	18.43	30.00	PASS



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Band66	10MHz	16QAM	132022	1RB#49	19.30	18.30	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#0	19.37	18.37	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#12	19.44	18.44	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#25	19.47	18.47	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	19.49	18.49	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	19.39	18.39	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	19.33	18.33	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	19.28	18.28	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#0	19.44	18.44	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#12	19.43	18.43	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#25	19.48	18.48	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	19.26	18.26	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	19.57	18.57	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	19.40	18.40	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	19.32	18.32	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#0	19.35	18.35	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#12	19.37	18.37	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#25	19.46	18.46	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	19.23	18.23	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	19.29	18.29	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	19.20	18.20	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	19.31	18.31	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#0	19.68	18.68	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#18	19.34	18.34	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#37	19.51	18.51	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	19.27	18.27	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	19.27	18.27	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	19.38	18.38	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	19.38	18.38	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#0	19.35	18.35	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#18	19.30	18.30	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#37	19.63	18.63	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	19.26	18.26	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	19.29	18.29	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	19.39	18.39	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	19.38	18.38	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#0	19.47	18.47	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#18	19.47	18.47	30.00	PASS



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Band66	15MHz	QPSK	132597	38RB#37	19.55	18.55	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	19.26	18.26	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	19.20	18.20	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	19.50	18.50	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	19.39	18.39	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#0	19.39	18.39	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#18	19.51	18.51	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#37	19.36	18.36	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	19.55	18.55	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	19.25	18.25	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	19.34	18.34	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	19.33	18.33	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#0	19.49	18.49	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#18	19.31	18.31	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#37	19.41	18.41	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	19.39	18.39	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	19.33	18.33	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	19.43	18.43	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	19.29	18.29	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#0	19.25	18.25	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#18	19.27	18.27	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#37	19.53	18.53	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	19.28	18.28	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	19.23	18.23	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	19.32	18.32	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	19.21	18.21	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#0	19.40	18.40	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#25	19.32	18.32	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	19.26	18.26	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	19.40	18.40	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	19.21	18.21	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	19.42	18.42	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	19.35	18.35	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#0	19.20	18.20	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#25	19.51	18.51	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#50	19.45	18.45	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	19.29	18.29	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	19.33	18.33	30.00	PASS



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Band66	20MHz	QPSK	132572	1RB#49	19.41	18.41	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	19.30	18.30	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#0	19.28	18.28	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#25	19.50	18.50	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#50	19.42	18.42	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	19.21	18.21	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	19.33	18.33	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	19.30	18.30	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	19.18	18.18	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#0	19.33	18.33	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#25	19.41	18.41	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#50	19.55	18.55	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	19.28	18.28	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	19.39	18.39	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	19.25	18.25	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	19.24	18.24	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#0	19.50	18.50	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#25	19.27	18.27	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#50	19.50	18.50	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	19.26	18.26	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	19.41	18.41	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	19.33	18.33	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	19.24	18.24	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#0	19.29	18.29	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#25	19.33	18.33	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#50	19.54	18.54	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	19.17	18.17	30.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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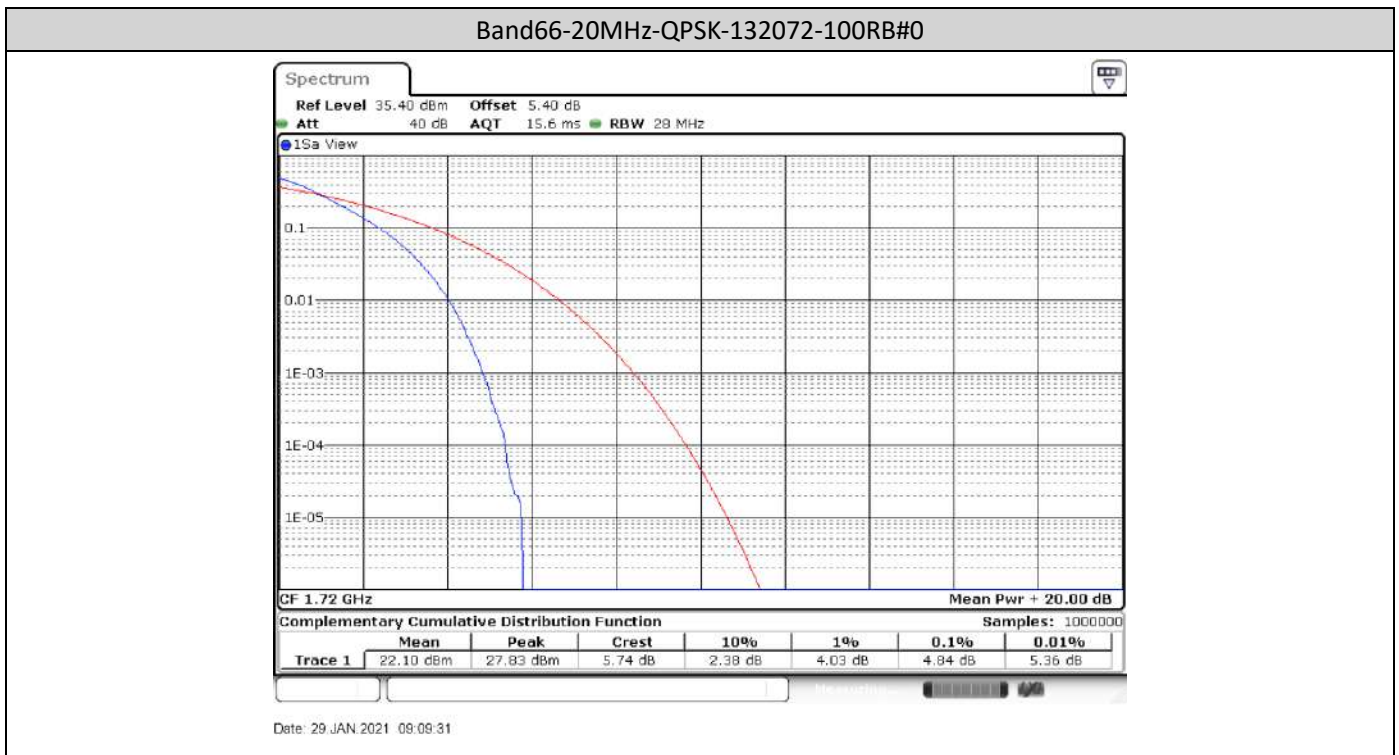


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	4.84	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.75	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.87	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.71	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.65	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.77	13	PASS

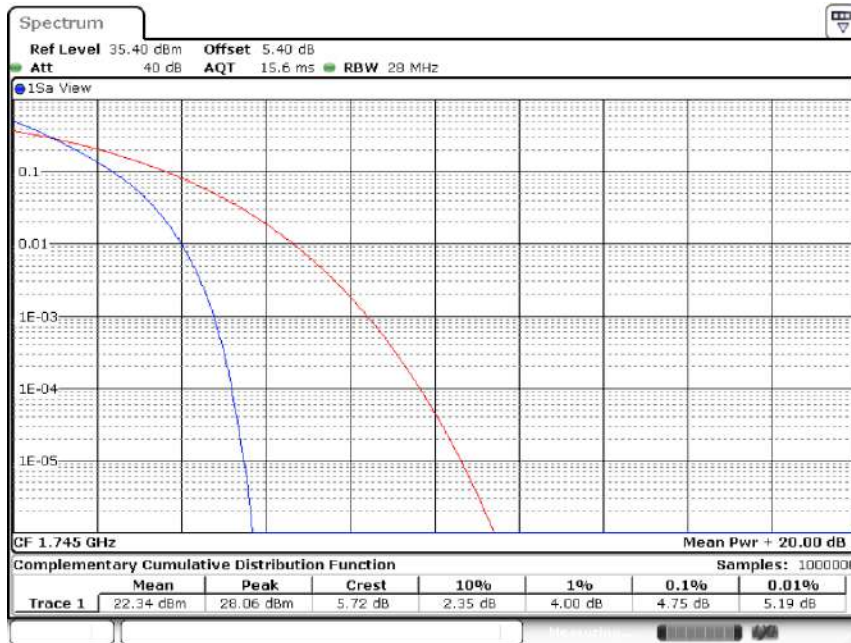
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**Band66-20MHz-QPSK-132322-100RB#0**



Date: 29 JAN 2021 08:09:54

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



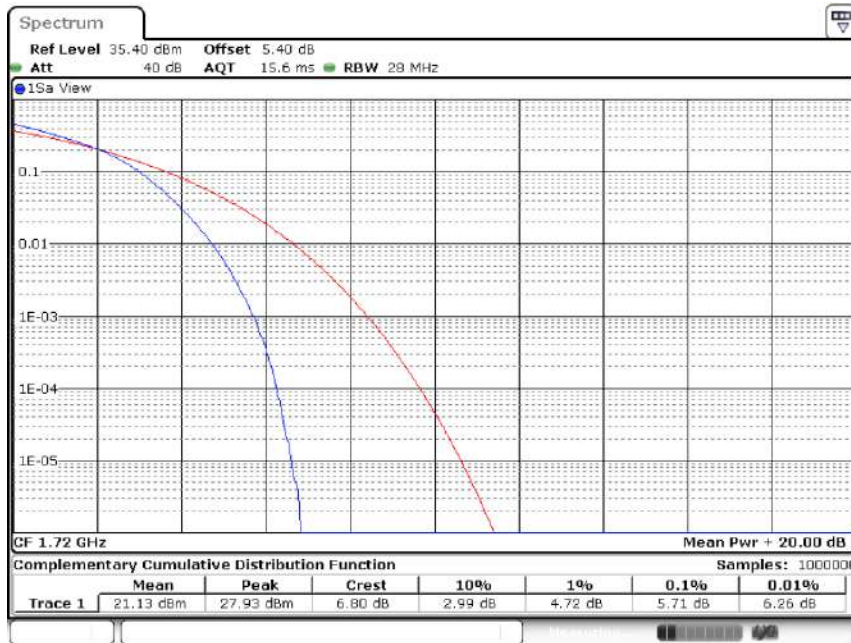
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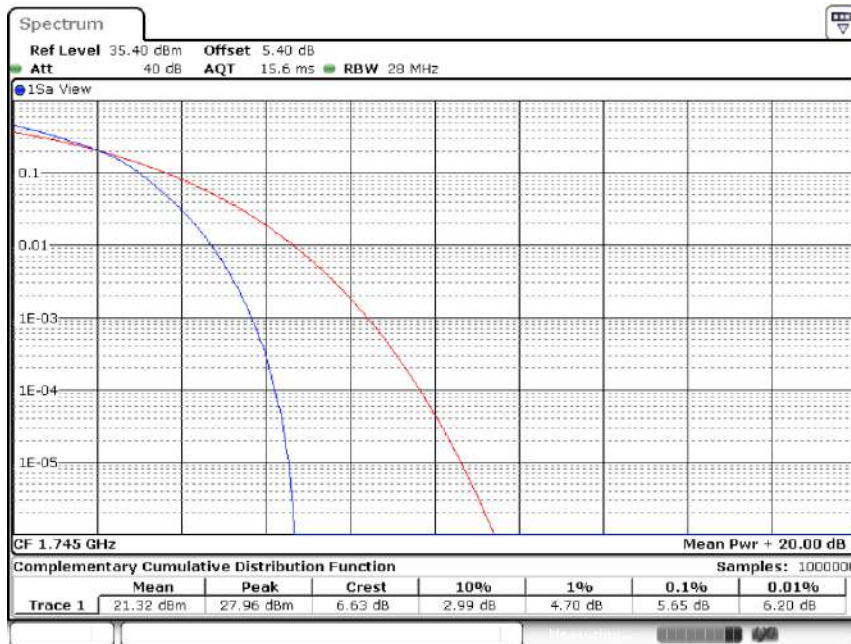


**Band66-20MHz-16QAM-132072-100RB#0**



Date: 29 JAN 2021 08:09:42

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



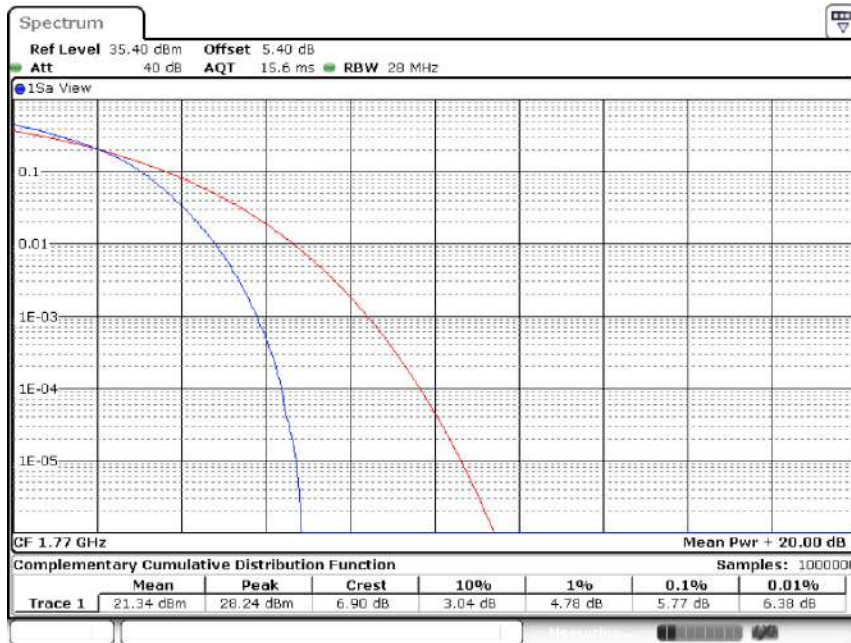
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Band66-20MHz-16QAM-132572-100RB#0



Date: 29 JAN 2021 09:10:28



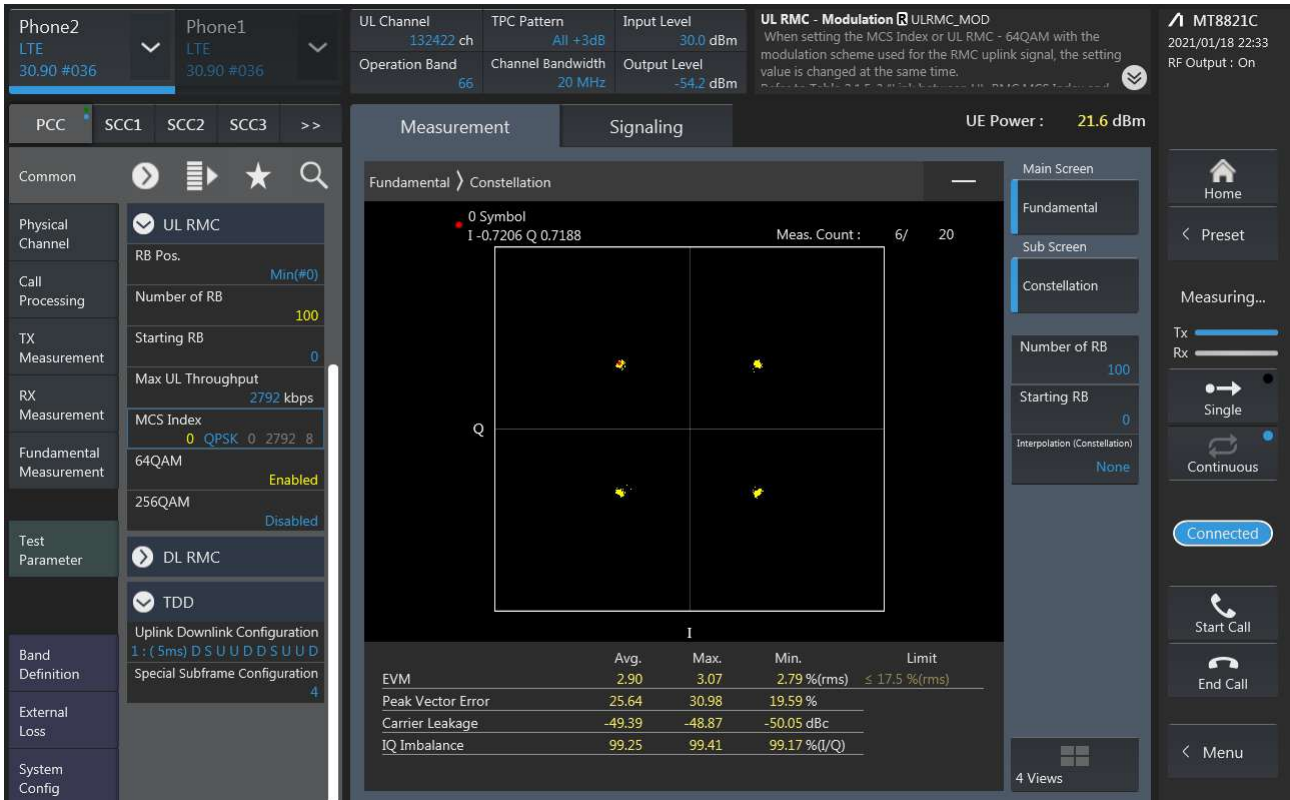
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1. Test Channel = MCH

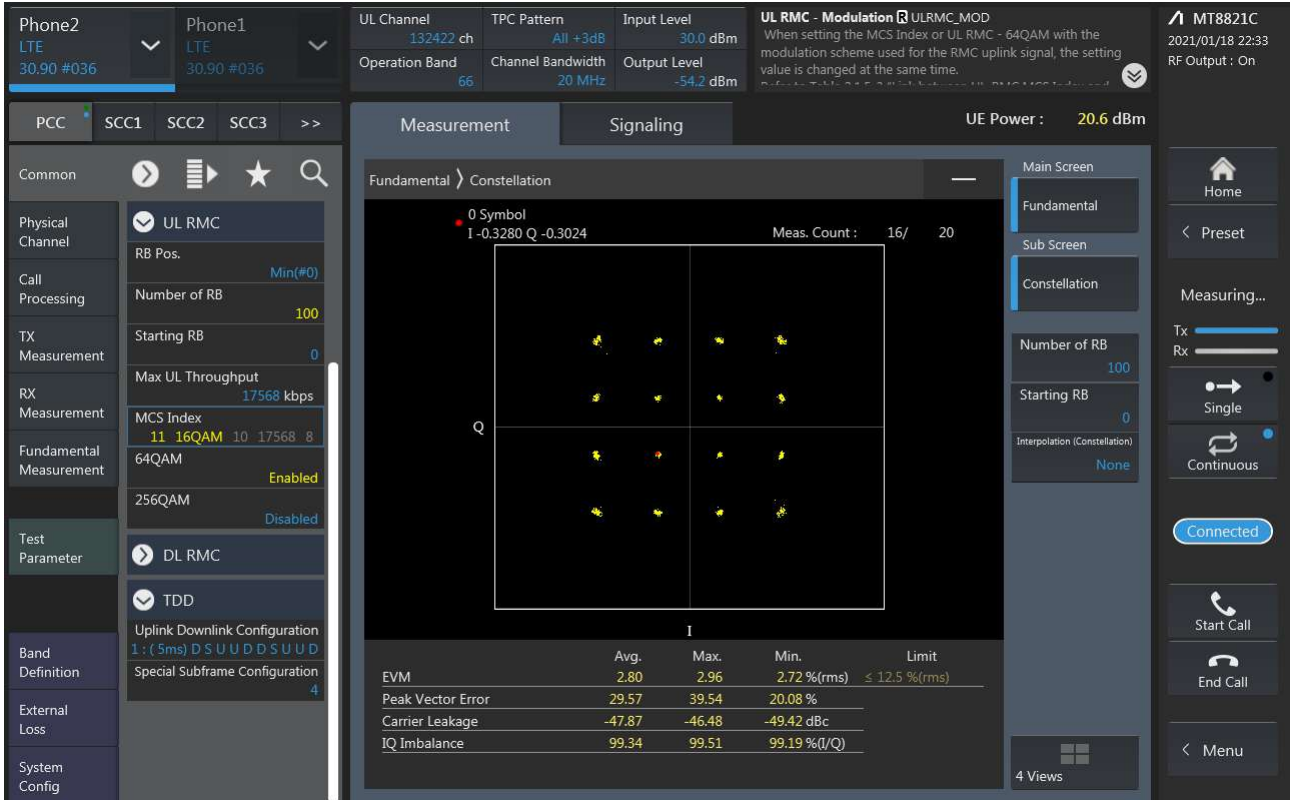


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### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1. Test Channel = MCH



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## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.088	1.284	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.302	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.281	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.091	1.284	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.094	1.284	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.703	2.976	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.703	2.994	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.697	2.994	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.685	2.964	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.970	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.691	2.964	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	4.900	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.920	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.466	4.950	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.496	4.960	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.486	4.960	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.486	4.960	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.911	9.680	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.740	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.931	9.700	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.911	9.720	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.911	9.780	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.931	9.760	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.457	14.700	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.427	14.760	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.427	14.790	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.457	14.700	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.457	14.760	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.427	14.700	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.902	19.480	PASS

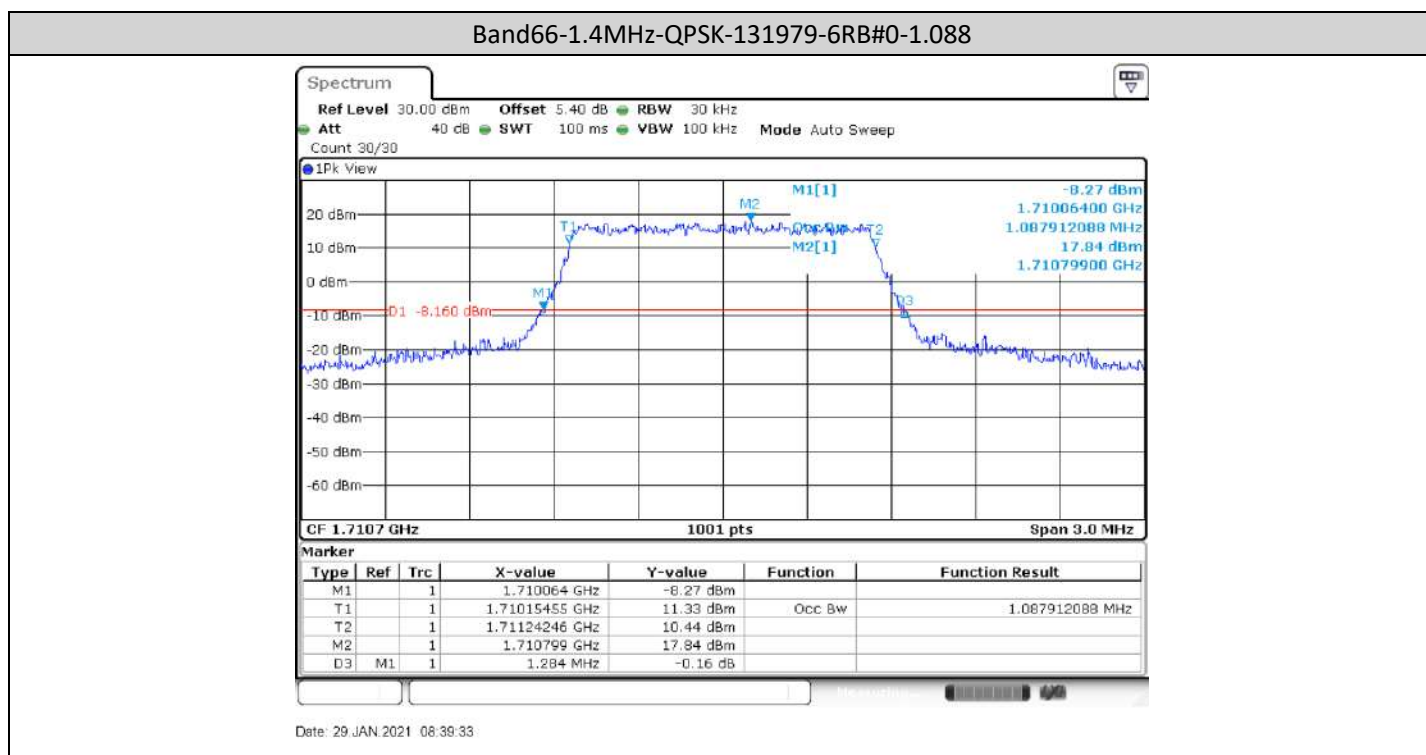


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Band66	20MHz	QPSK	132322	100RB#0	17.862	19.400	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.862	19.440	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.862	19.320	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.862	19.400	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.902	19.400	PASS

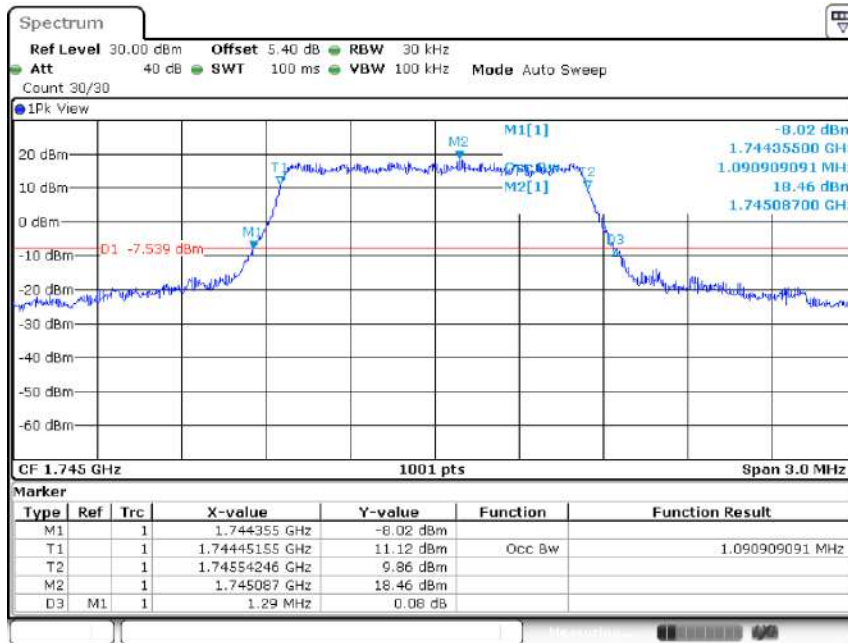
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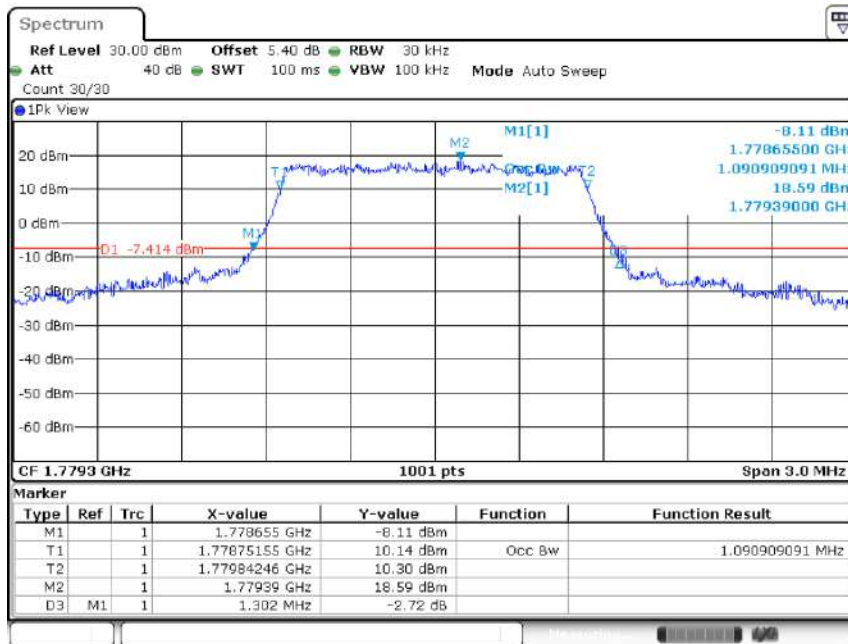


Band66-1.4MHz-QPSK-132322-6RB#0-1.091



Date: 29 JAN 2021 08:39:59

Band66-1.4MHz-QPSK-132665-6RB#0-1.091



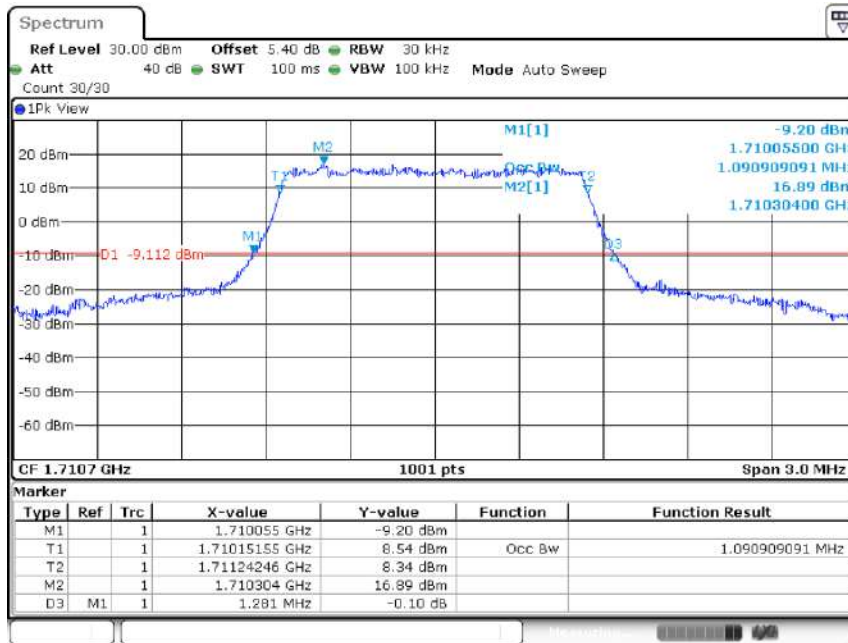
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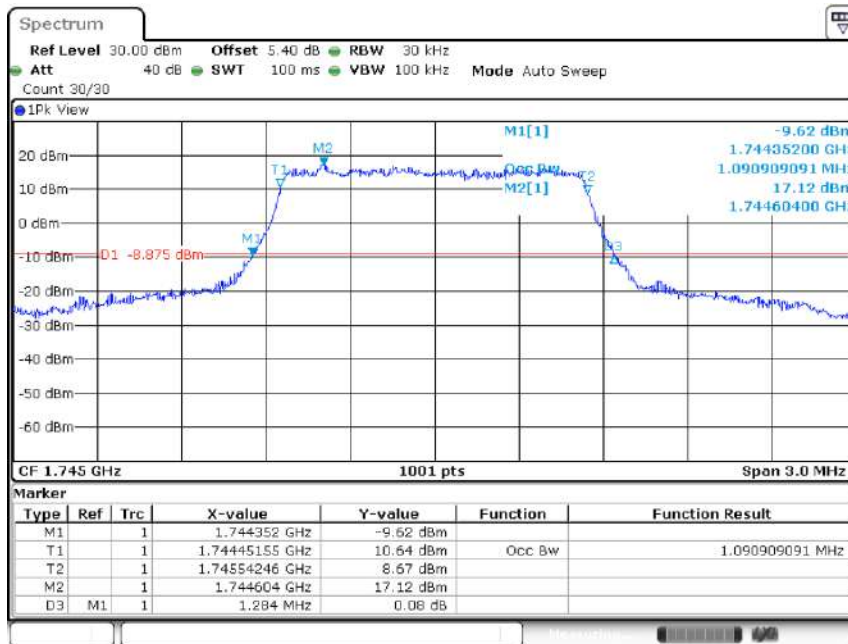


**Band66-1.4MHz-16QAM-131979-6RB#0-1.091**



Date: 29 JAN 2021 08:39:46

**Band66-1.4MHz-16QAM-132322-6RB#0-1.091**

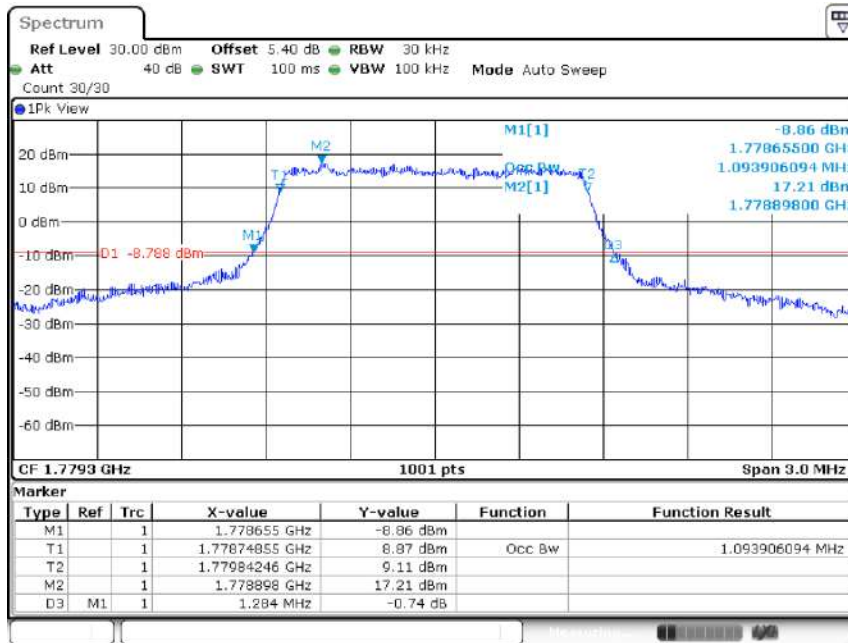


Date: 29 JAN 2021 08:40:12



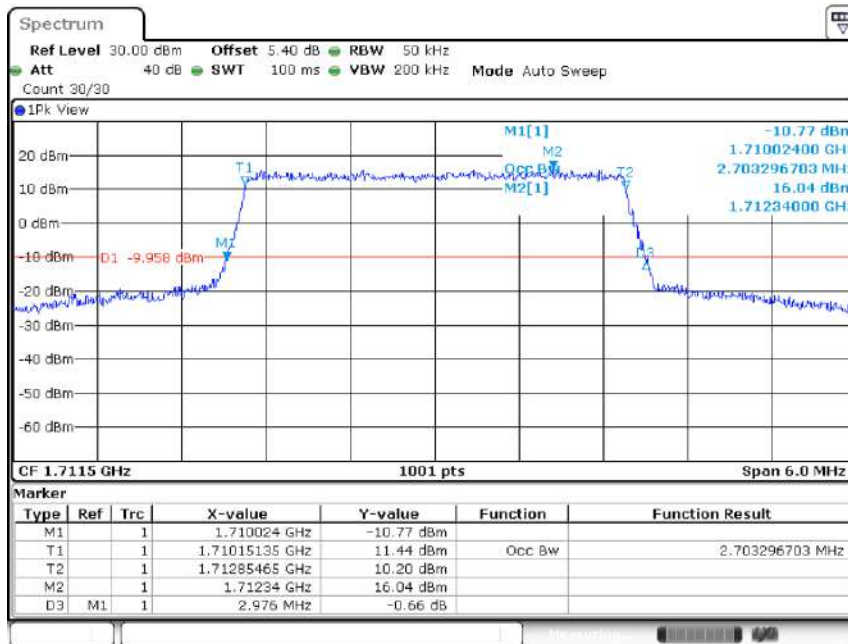
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**Band66-1.4MHz-16QAM-132665-6RB#0-1.094**



Date: 29 JAN 2021 08:40:38

**Band66-3MHz-QPSK-131987-15RB#0-2.703**

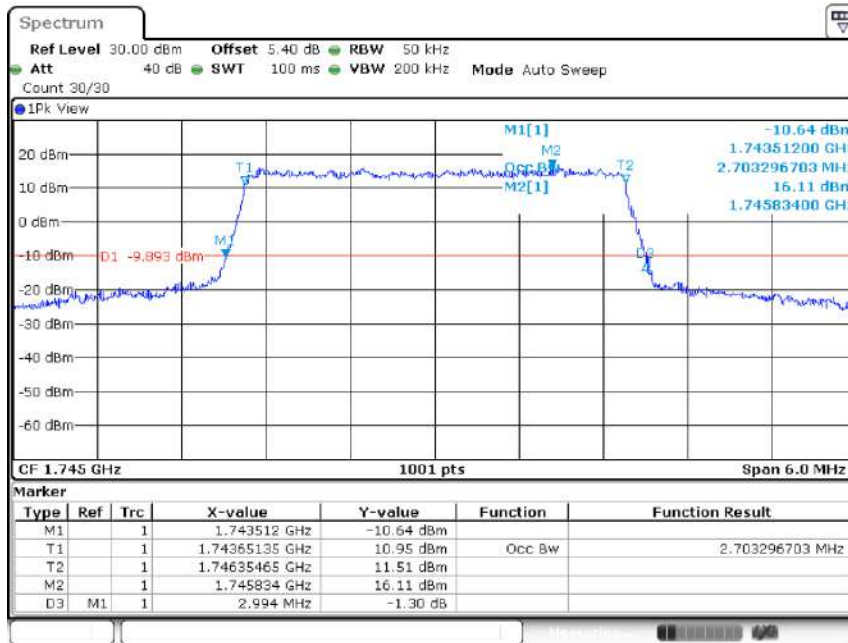


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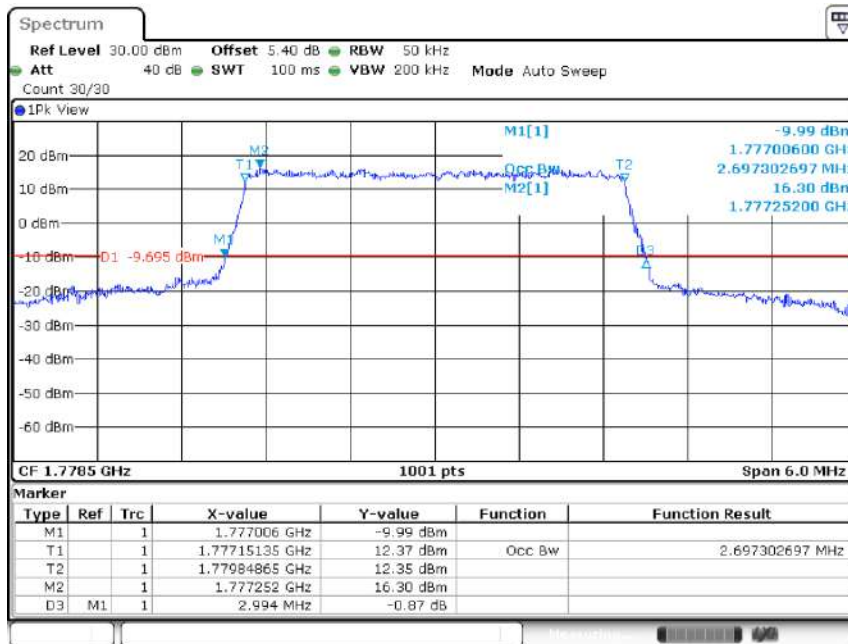
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**Band66-3MHz-QPSK-132322-15RB#0-2.703**



Date: 29 JAN 2021 08:41:22

**Band66-3MHz-QPSK-132657-15RB#0-2.697**



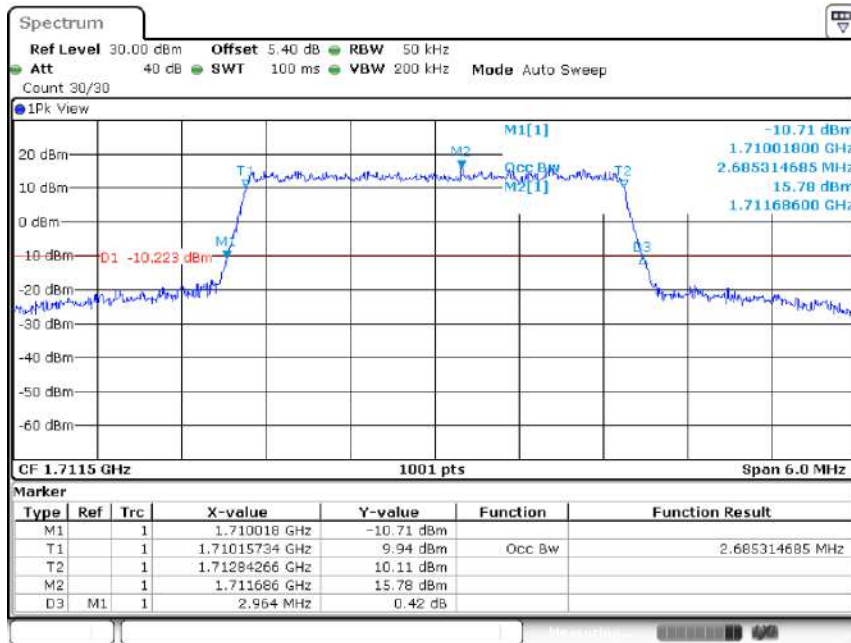
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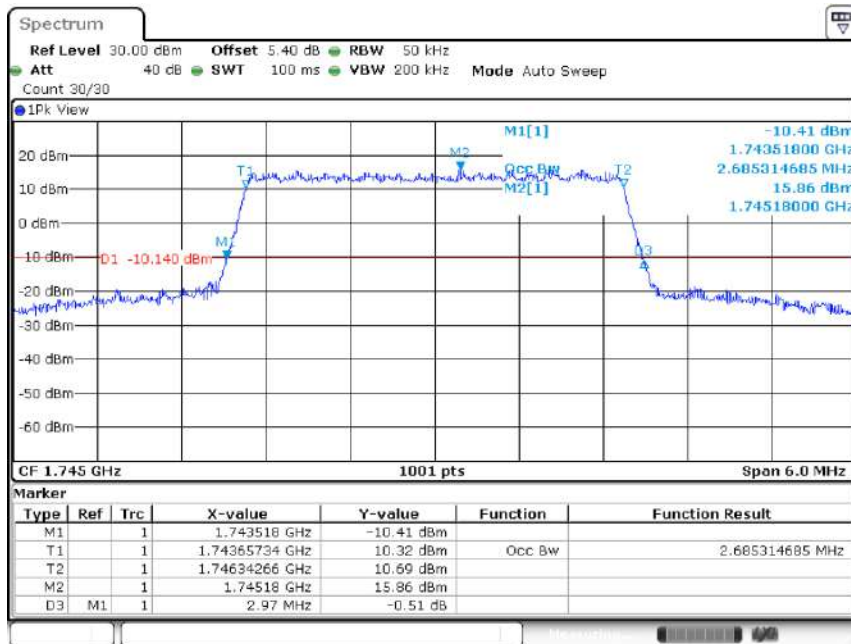


**Band66-3MHz-16QAM-131987-15RB#0-2.685**



Date: 29 JAN 2021 08:41:09

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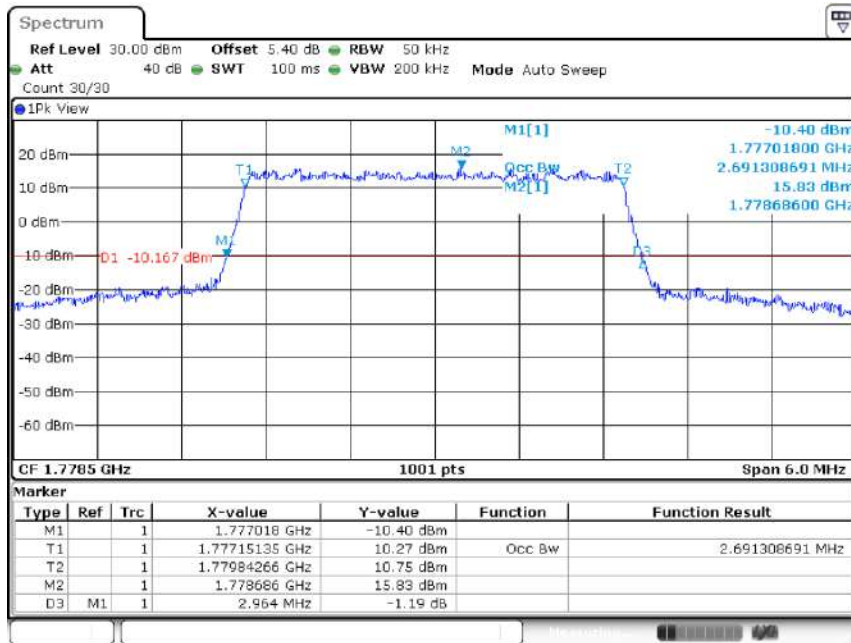


Date: 29 JAN 2021 08:41:35



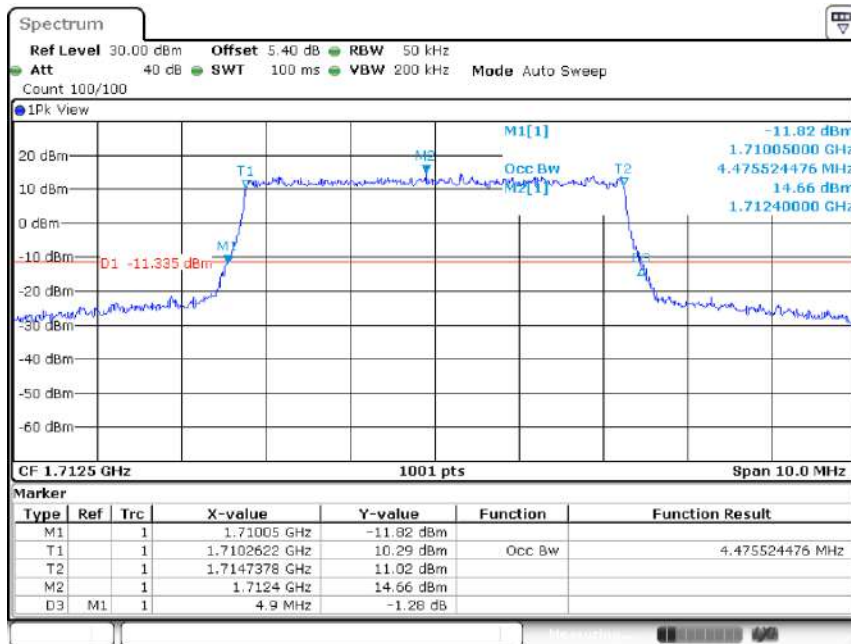
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**Band66-3MHz-16QAM-132657-15RB#0-2.691**



Date: 29 JAN 2021 08:42:01

**Band66-5MHz-QPSK-131997-25RB#0-4.476**

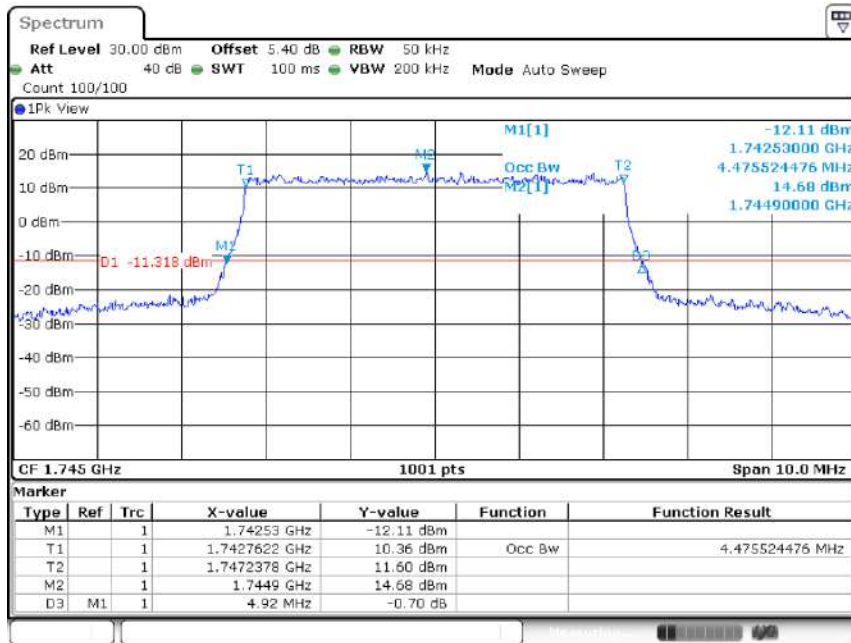


Date: 29 JAN 2021 08:42:27



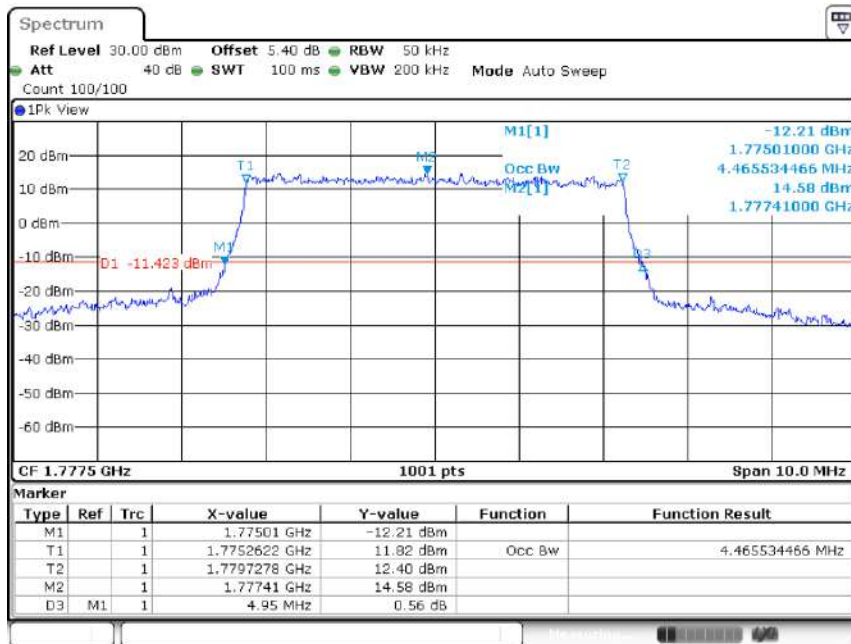
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**Band66-5MHz-QPSK-132322-25RB#0-4.476**



Date: 29 JAN 2021 08:43:07

**Band66-5MHz-QPSK-132647-25RB#0-4.466**



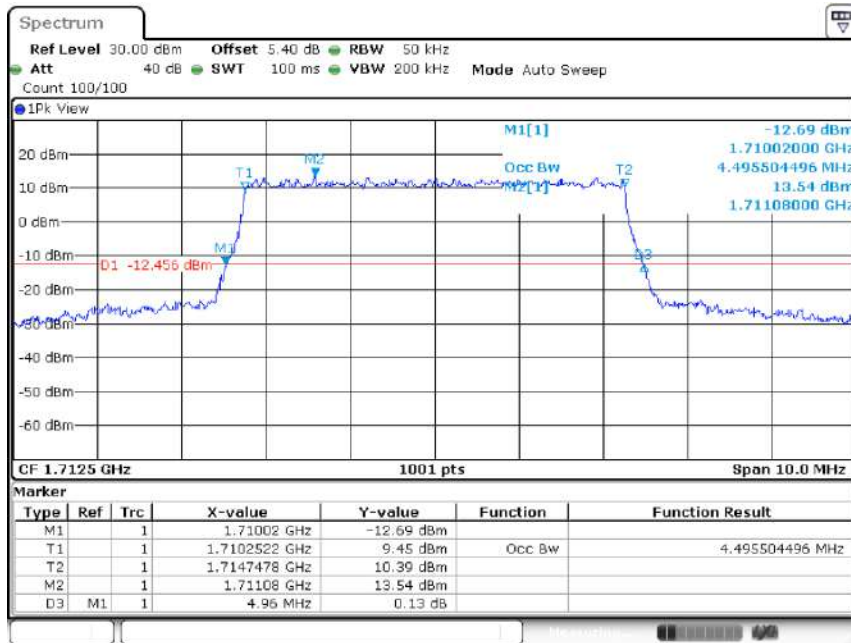
Date: 29 JAN 2021 08:43:46



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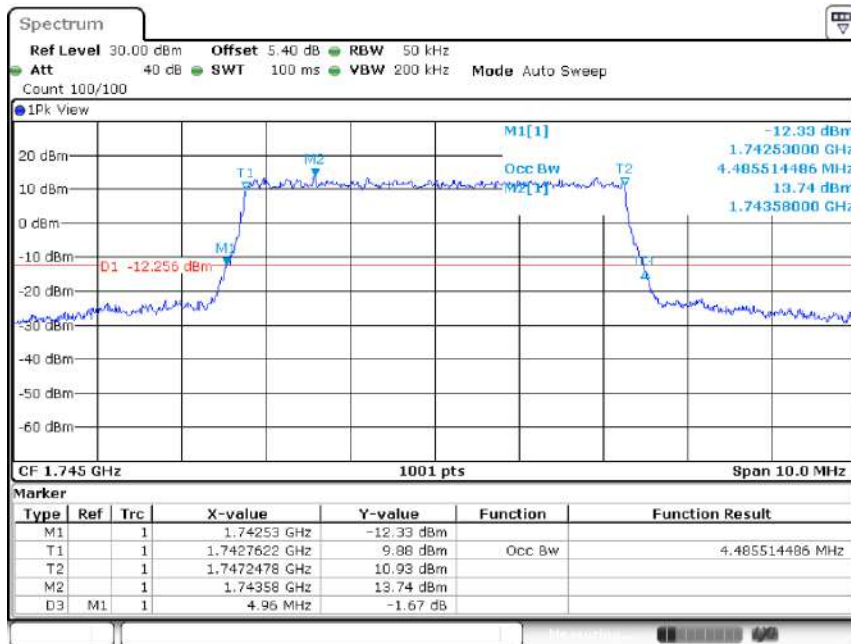


**Band66-5MHz-16QAM-131997-25RB#0-4.496**



Date: 29 JAN 2021 08:42:47

**Band66-5MHz-16QAM-132322-25RB#0-4.486**

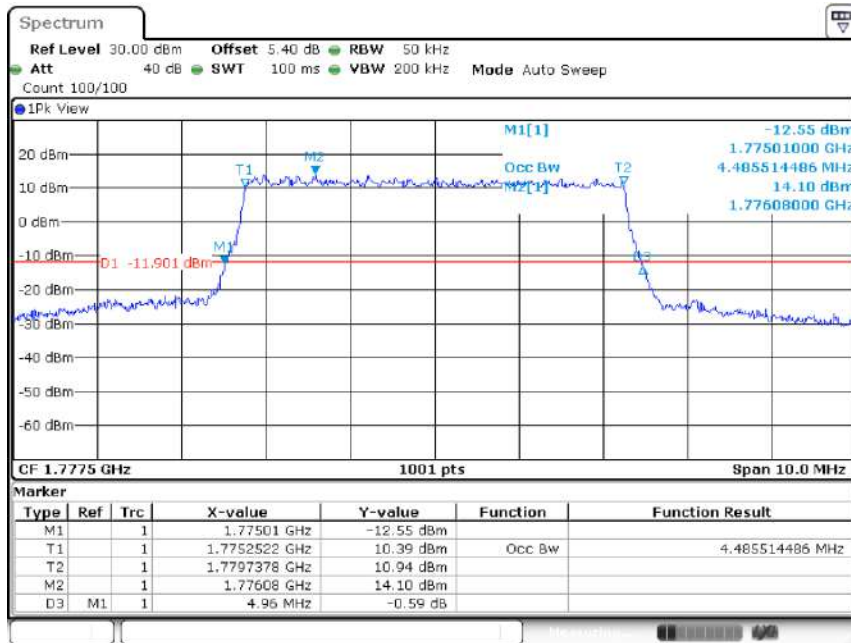


Date: 29 JAN 2021 08:43:26



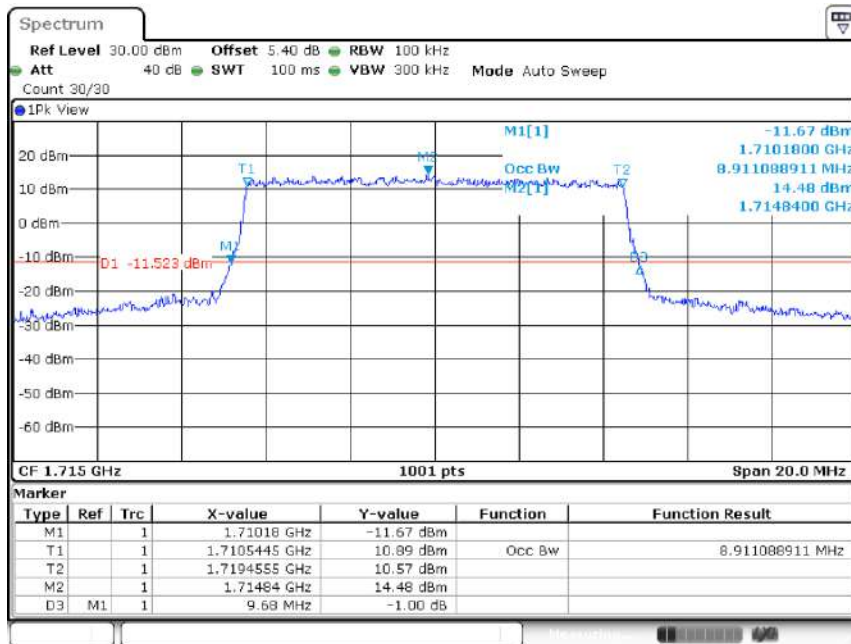
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**Band66-5MHz-16QAM-132647-25RB#0-4.486**



Date: 29 JAN 2021 08:44:06

**Band66-10MHz-QPSK-132022-50RB#0-8.911**

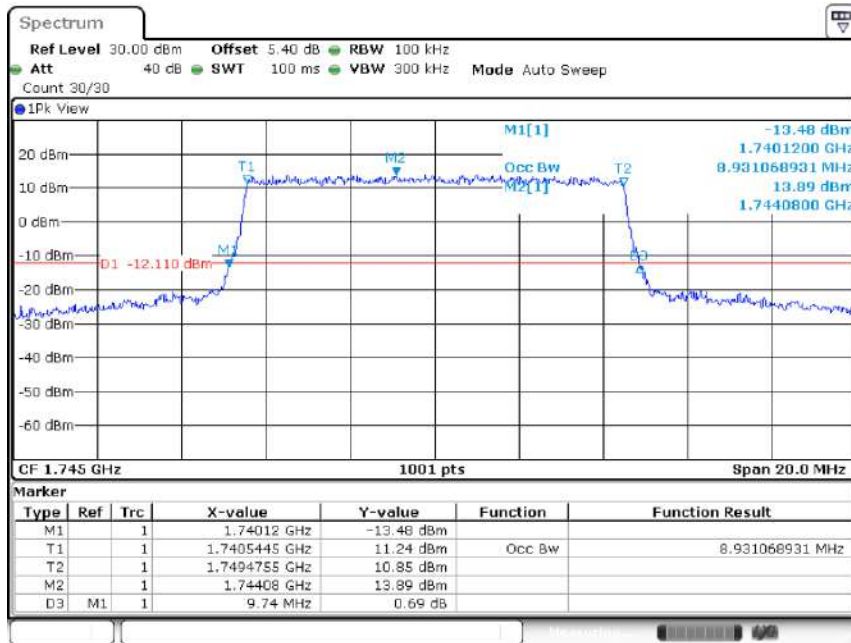


Date: 29 JAN 2021 08:44:24



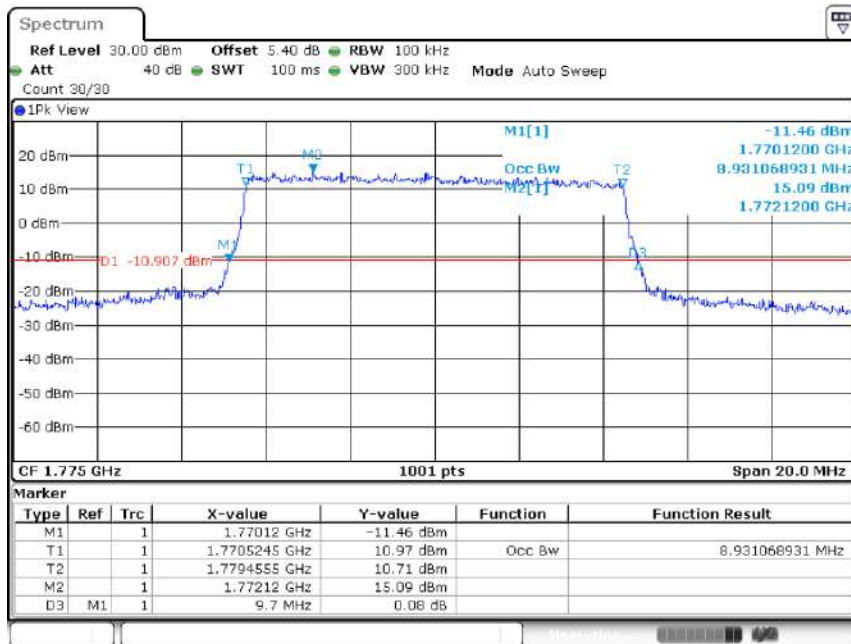
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**Band66-10MHz-QPSK-132322-50RB#0-8.931**



Date: 29 JAN 2021 08:44:50

**Band66-10MHz-QPSK-132622-50RB#0-8.931**



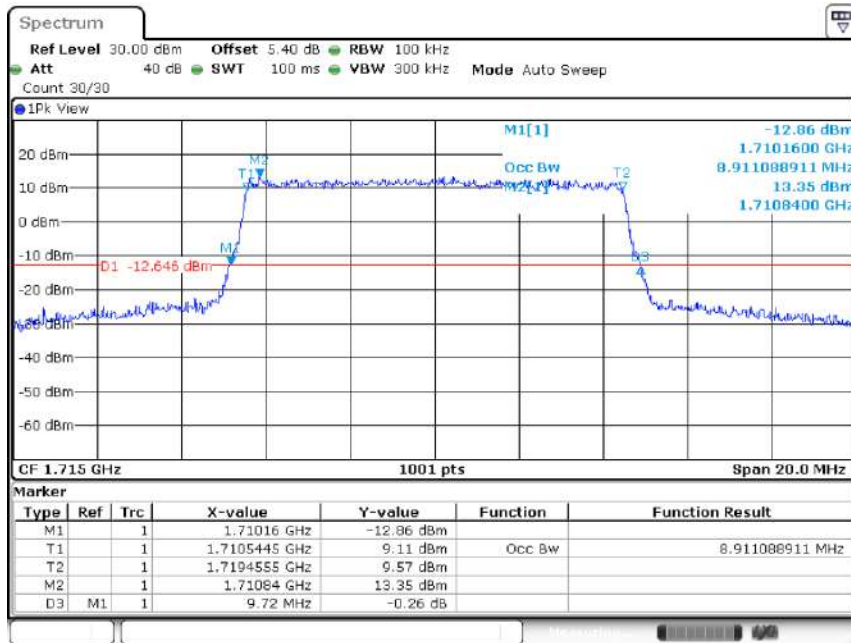
Date: 29 JAN 2021 08:45:15



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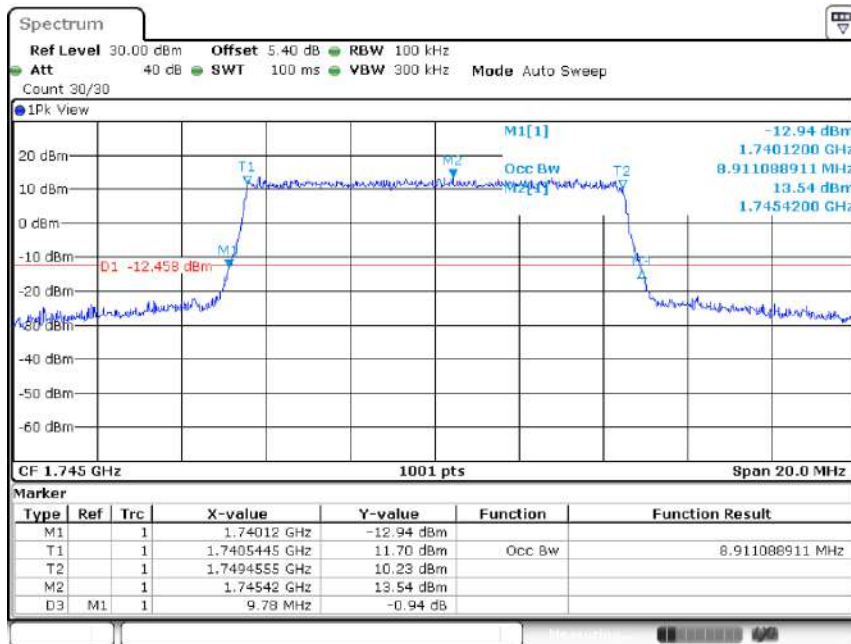


**Band66-10MHz-16QAM-132022-50RB#0-8.911**



Date: 29 JAN 2021 08:44:36

**Band66-10MHz-16QAM-132322-50RB#0-8.911**

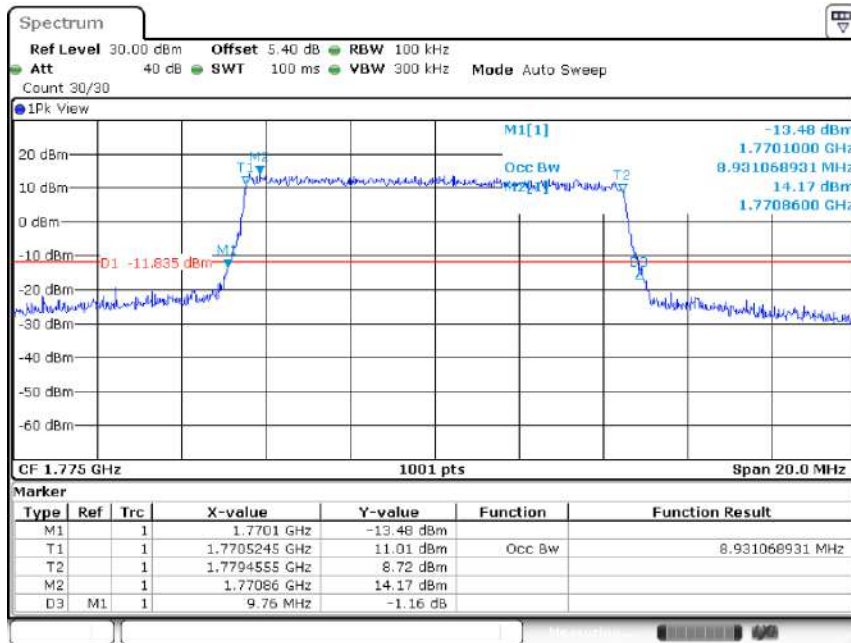


Date: 29 JAN 2021 08:45:02



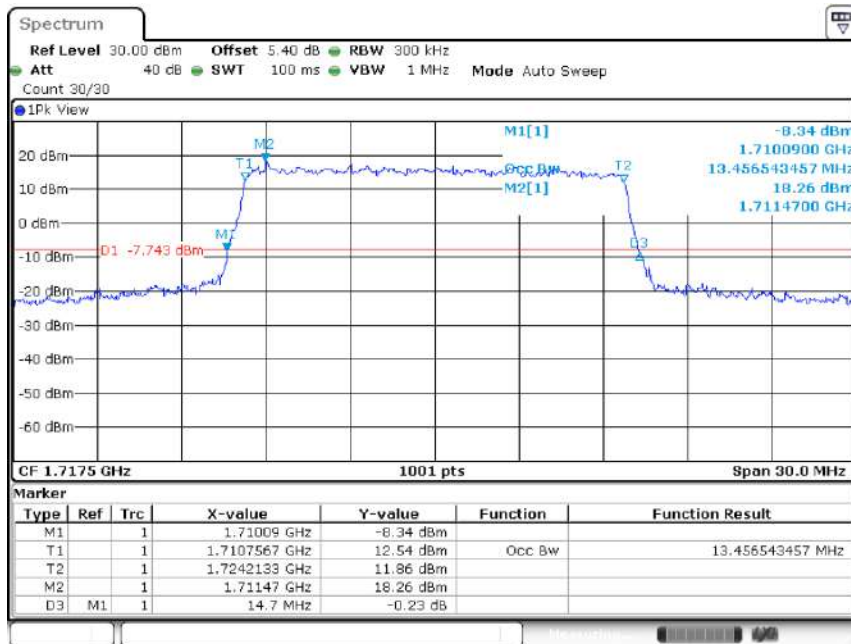
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**Band66-10MHz-16QAM-132622-50RB#0-8.931**



Date: 29 JAN 2021 08:45:28

**Band66-15MHz-QPSK-132047-75RB#0-13.457**

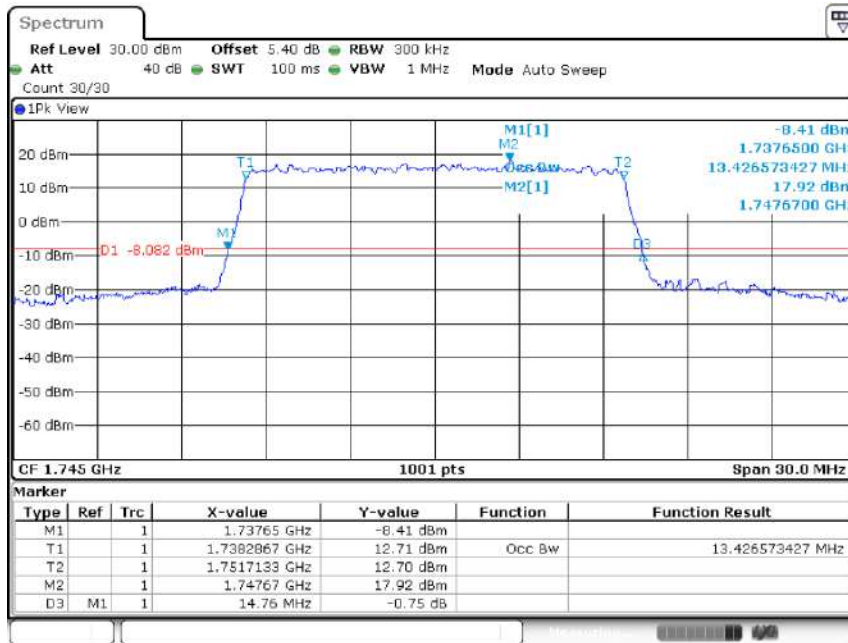


Date: 29 JAN 2021 08:45:46



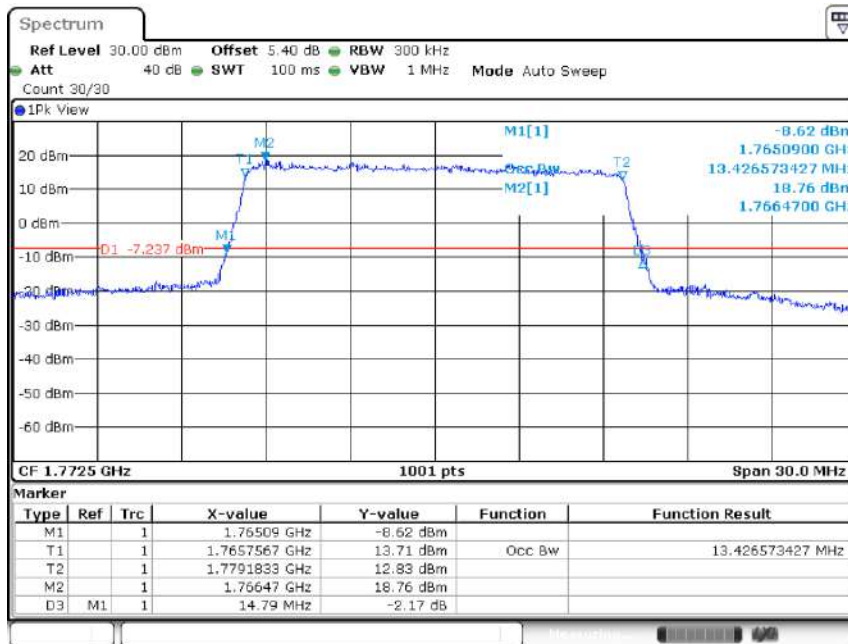
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**Band66-15MHz-QPSK-132322-75RB#0-13.427**



Date: 29 JAN 2021 08:46:12

**Band66-15MHz-QPSK-132597-75RB#0-13.427**



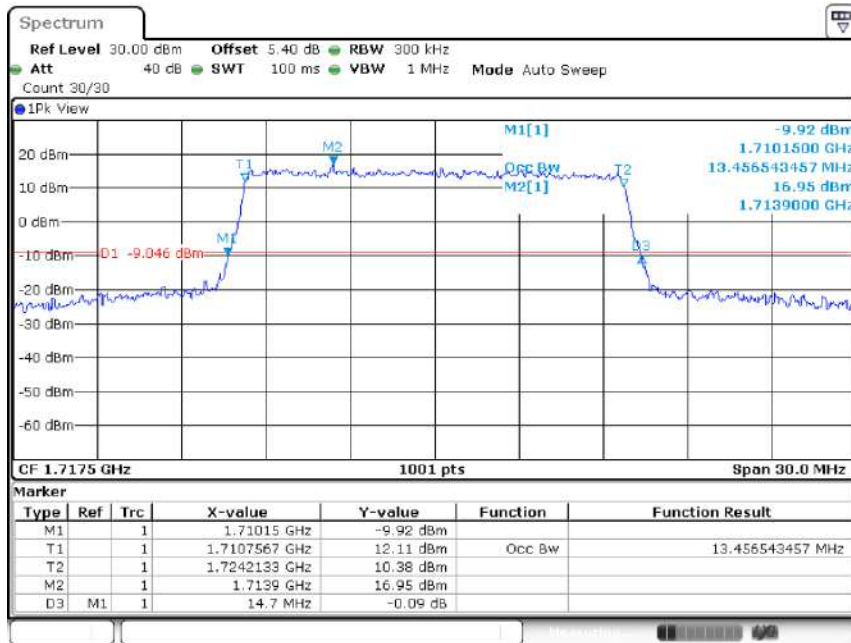
Date: 29 JAN 2021 08:46:37



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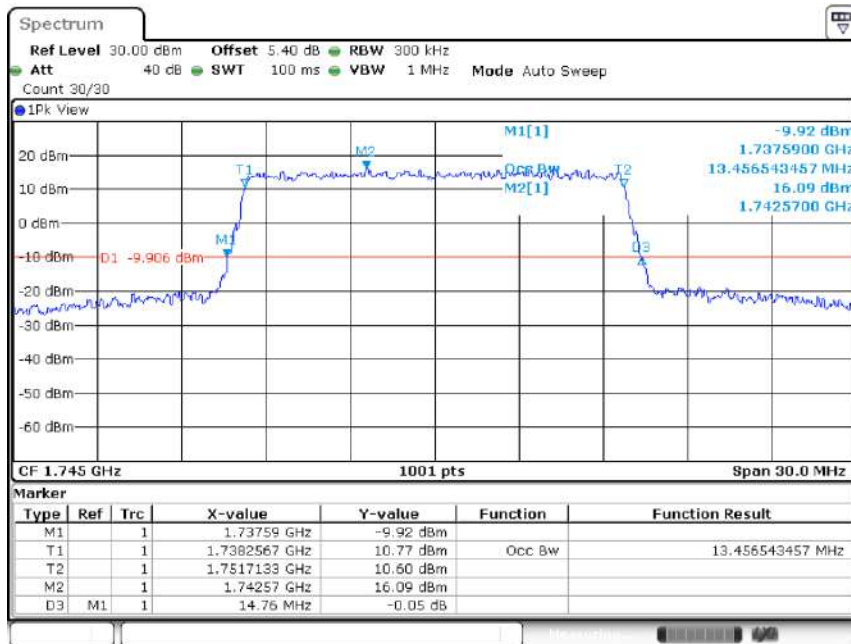


**Band66-15MHz-16QAM-132047-75RB#0-13.457**



Date: 29 JAN 2021 08:45:58

**Band66-15MHz-16QAM-132322-75RB#0-13.457**

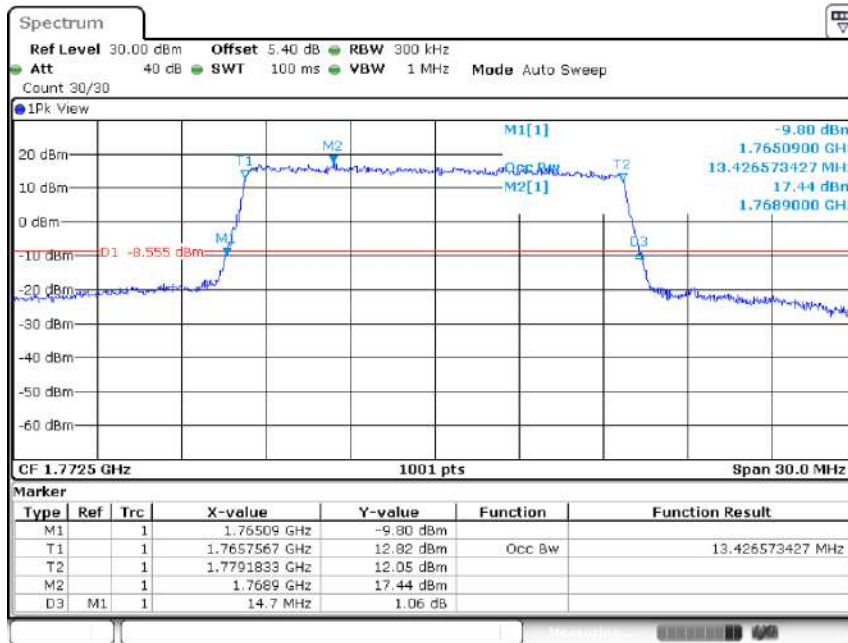


Date: 29 JAN 2021 08:46:24



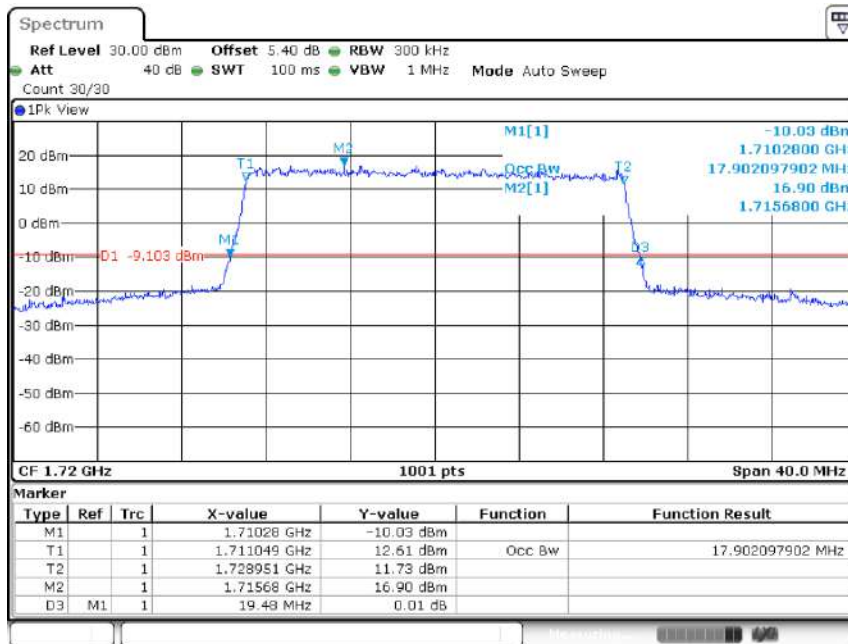
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**Band66-15MHz-16QAM-132597-75RB#0-13.427**



Date: 29 JAN 2021 08:46:50

**Band66-20MHz-QPSK-132072-100RB#0-17.902**

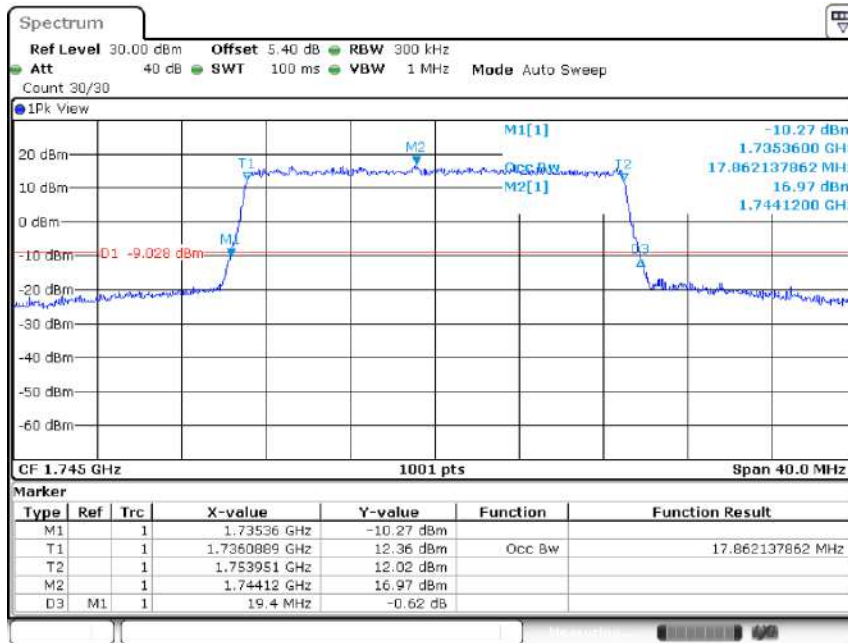


Date: 29 JAN 2021 08:47:08



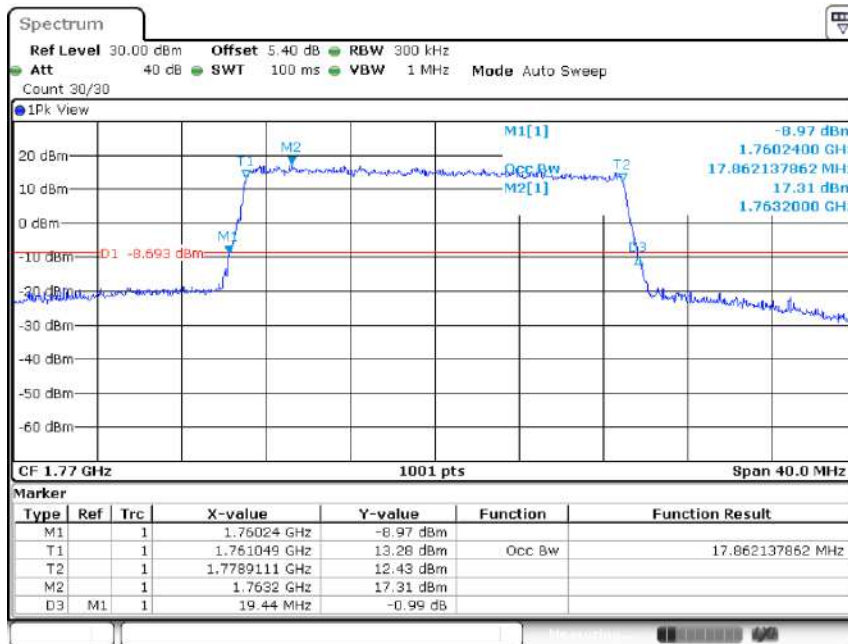
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**Band66-20MHz-QPSK-132322-100RB#0-17.862**



Date: 29 JAN 2021 08:47:33

**Band66-20MHz-QPSK-132572-100RB#0-17.862**



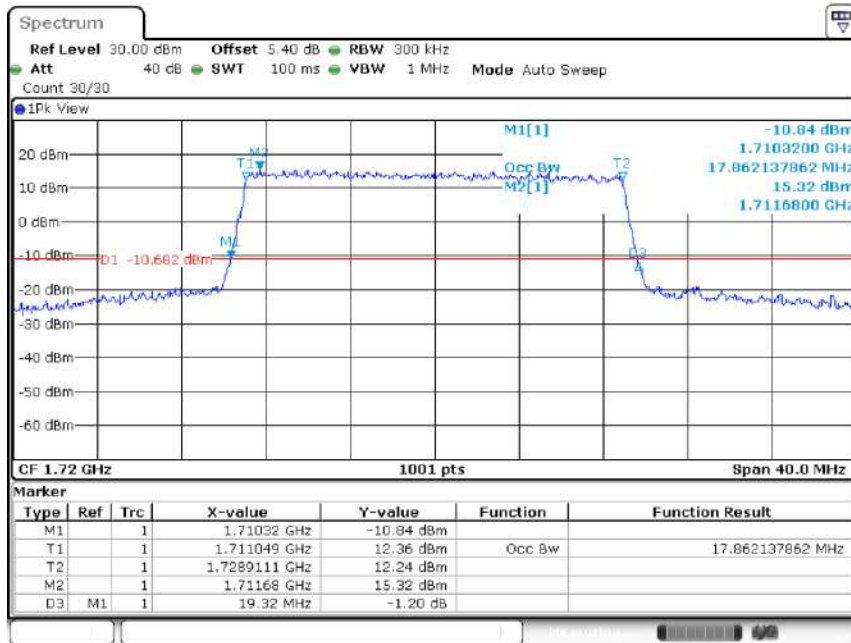
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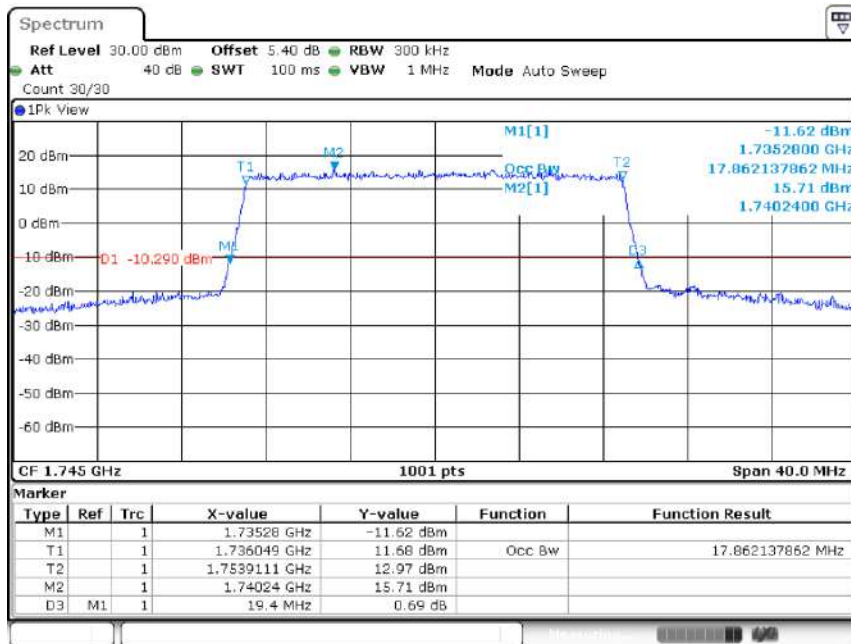


**Band66-20MHz-16QAM-132072-100RB#0-17.862**



Date: 29 JAN 2021 08:47:20

**Band66-20MHz-16QAM-132322-100RB#0-17.862**

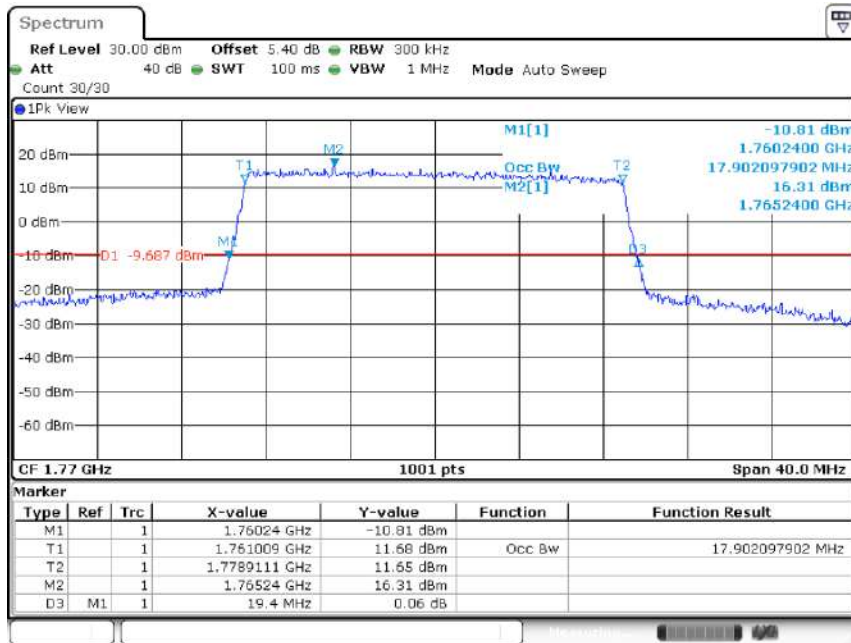


Date: 29 JAN 2021 08:47:46



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Band66-20MHz-16QAM-132572-100RB#0-17.902



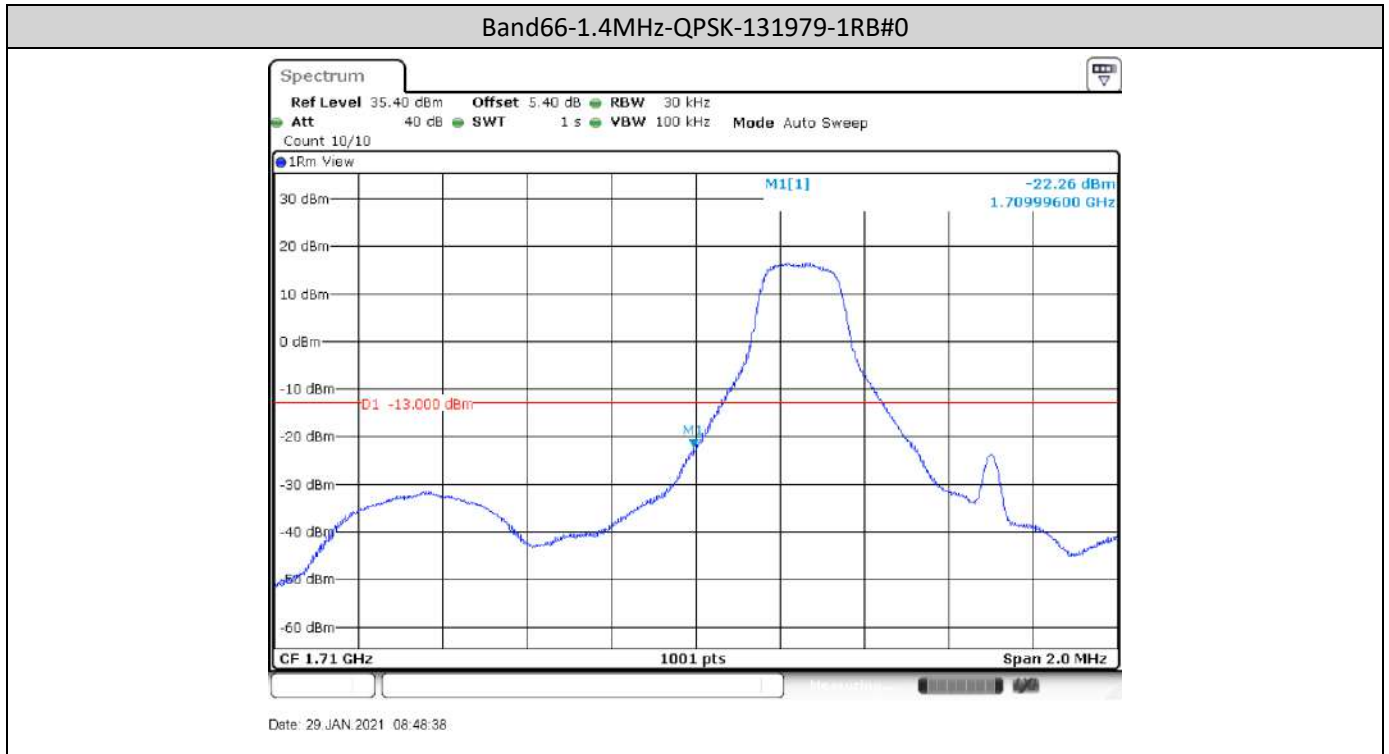
Date: 29 JAN 2021 08:48:12



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## 5. Band Edge Compliance

### 5.1. Test Plots

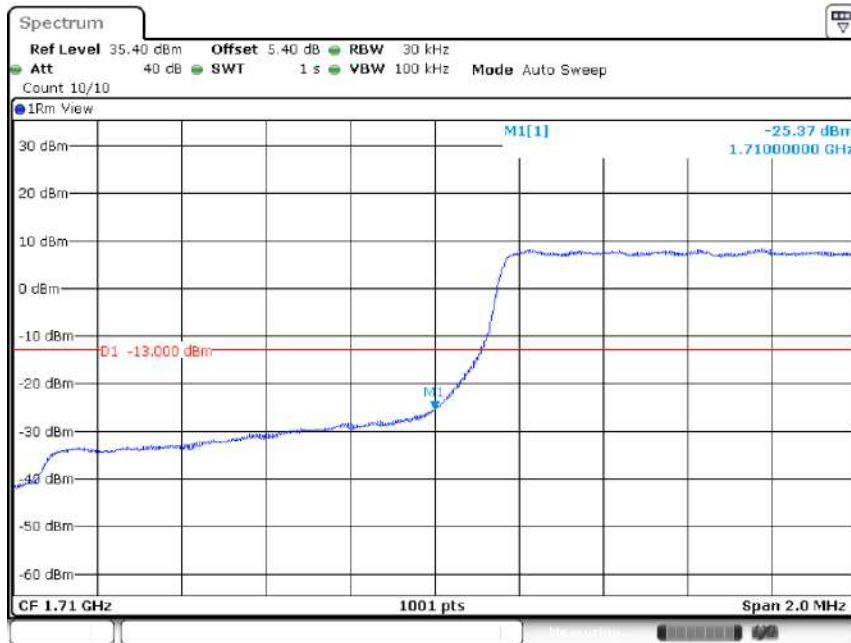


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**Band66-1.4MHz-QPSK-131979-6RB#0**



Date: 29 JAN 2021 08:49:19

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

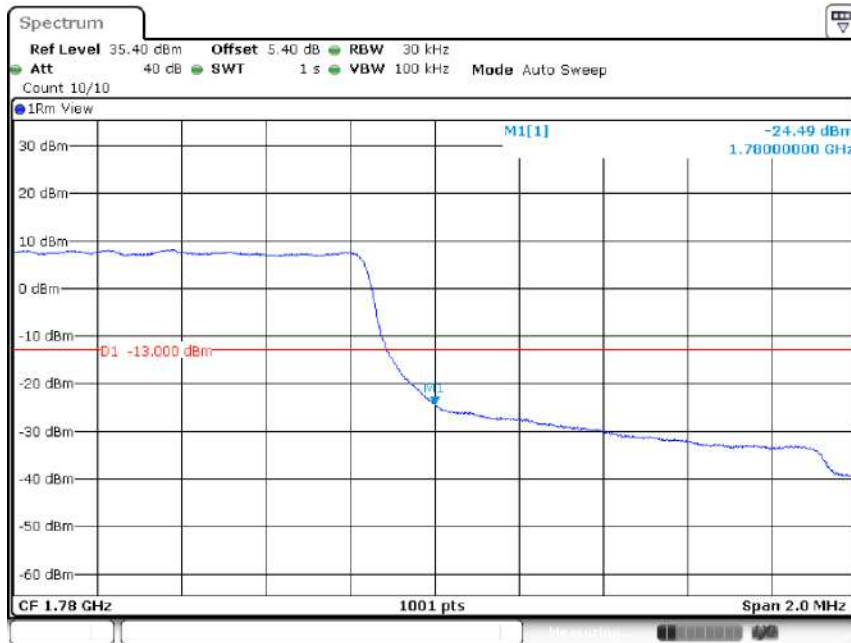


Date: 29 JAN 2021 08:50:05



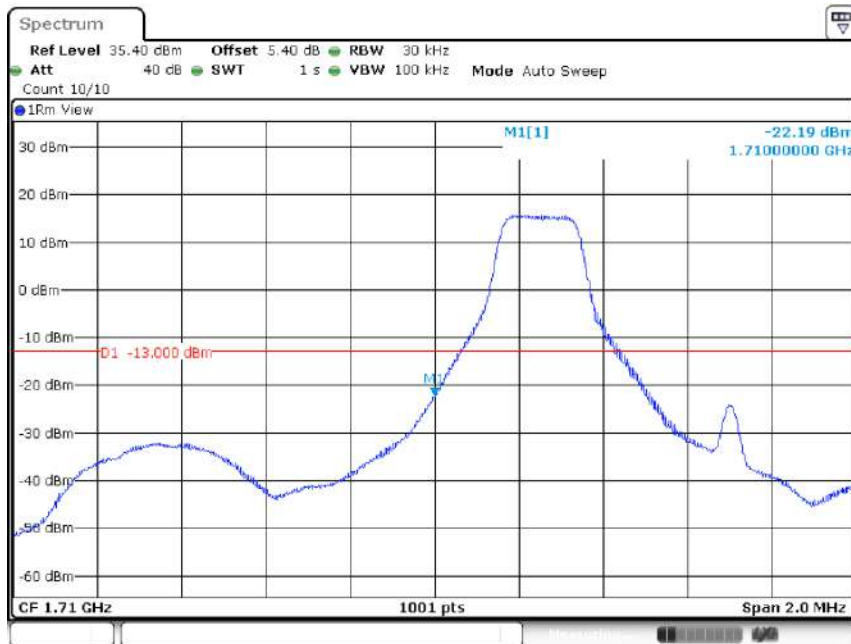
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**Band66-1.4MHz-QPSK-132665-6RB#0**



Date: 29 JAN 2021 08:50:46

**Band66-1.4MHz-16QAM-131979-1RB#0**

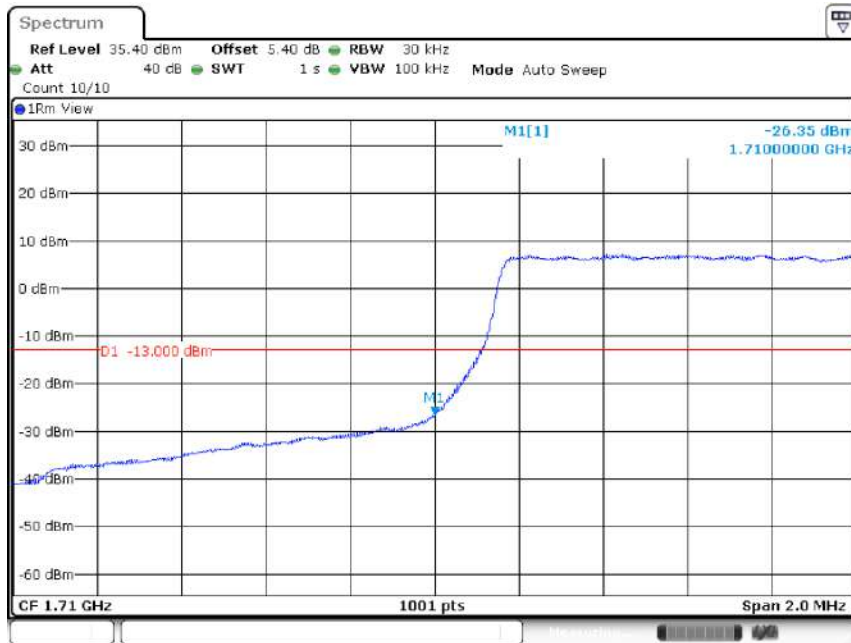


Date: 29 JAN 2021 08:48:59



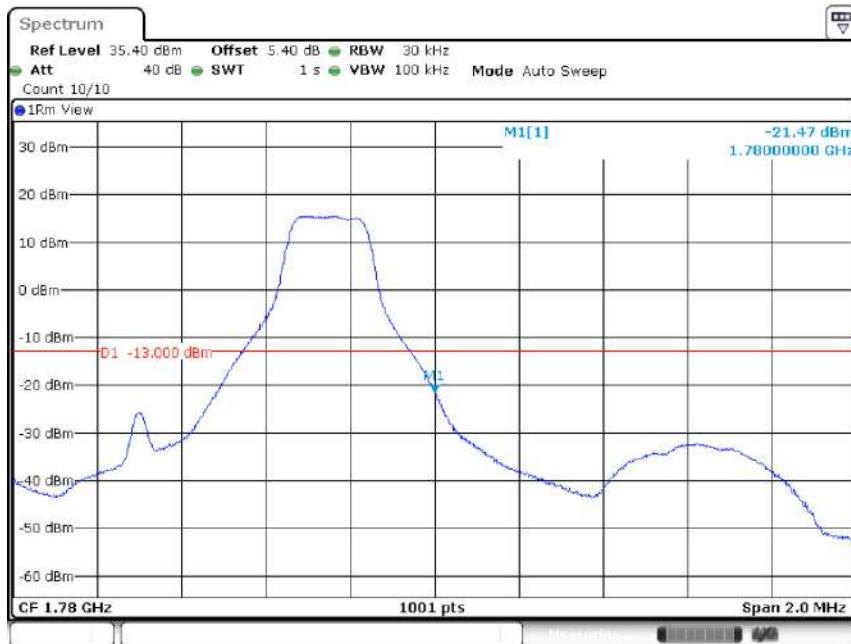
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**Band66-1.4MHz-16QAM-131979-6RB#0**



Date: 29 JAN 2021 08:49:40

**Band66-1.4MHz-16QAM-132665-1RB#5**



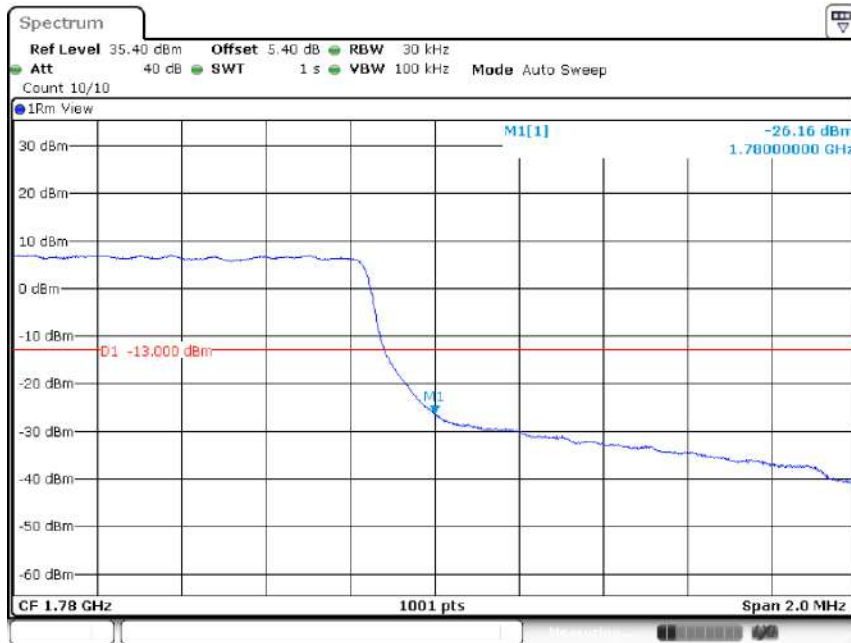
Date: 29 JAN 2021 08:50:25



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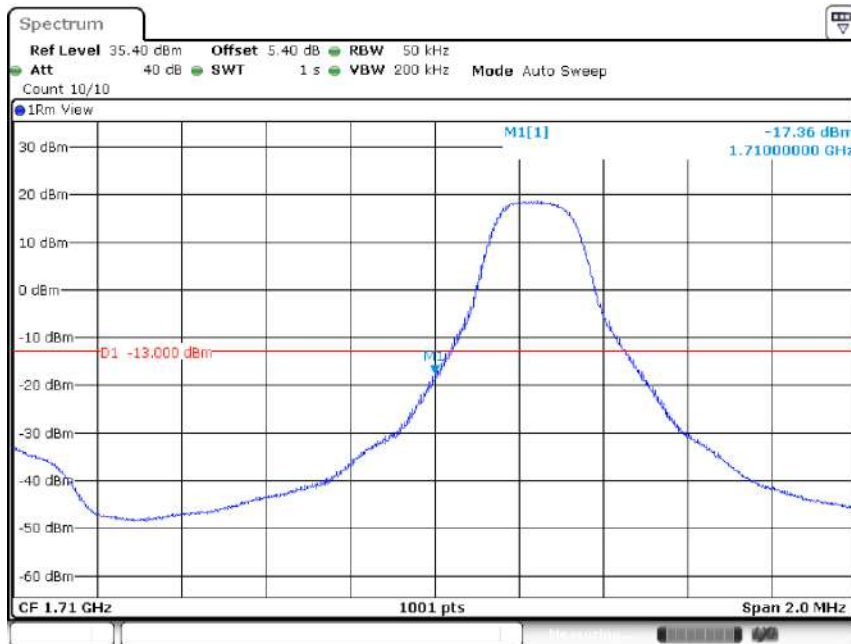


**Band66-1.4MHz-16QAM-132665-6RB#0**



Date: 29 JAN 2021 08:51:06

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

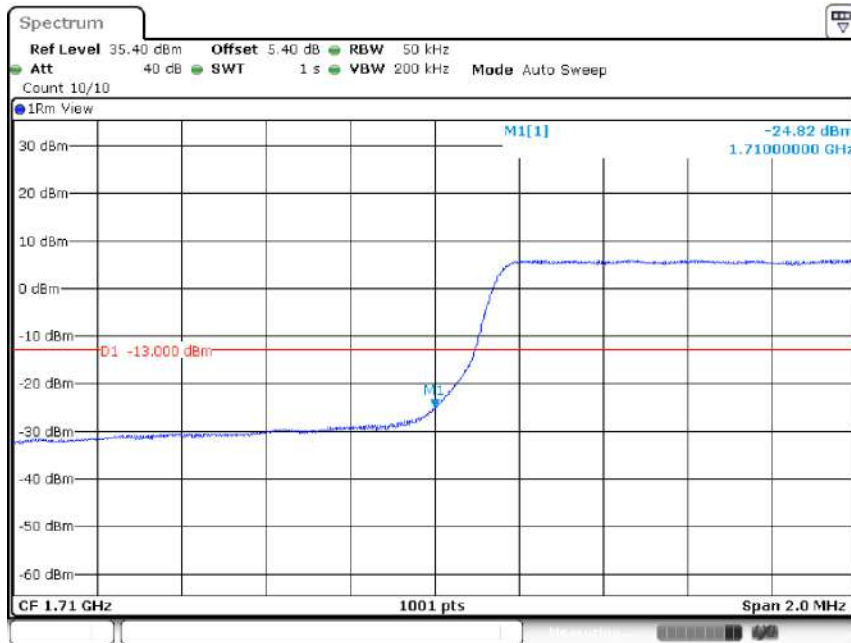


Date: 29 JAN 2021 08:51:34



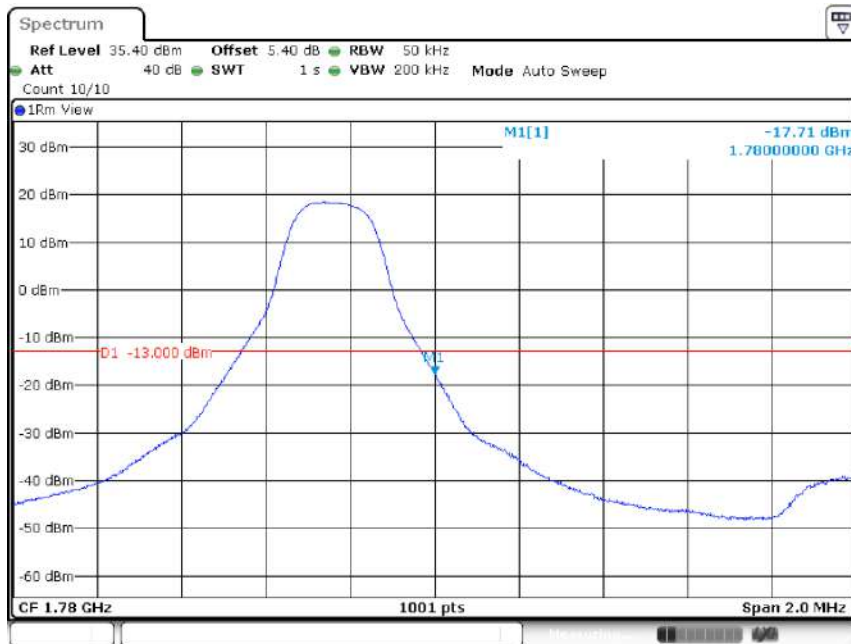
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**Band66-3MHz-QPSK-131987-15RB#0**



Date: 29 JAN 2021 08:52:15

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



Date: 29 JAN 2021 08:53:01



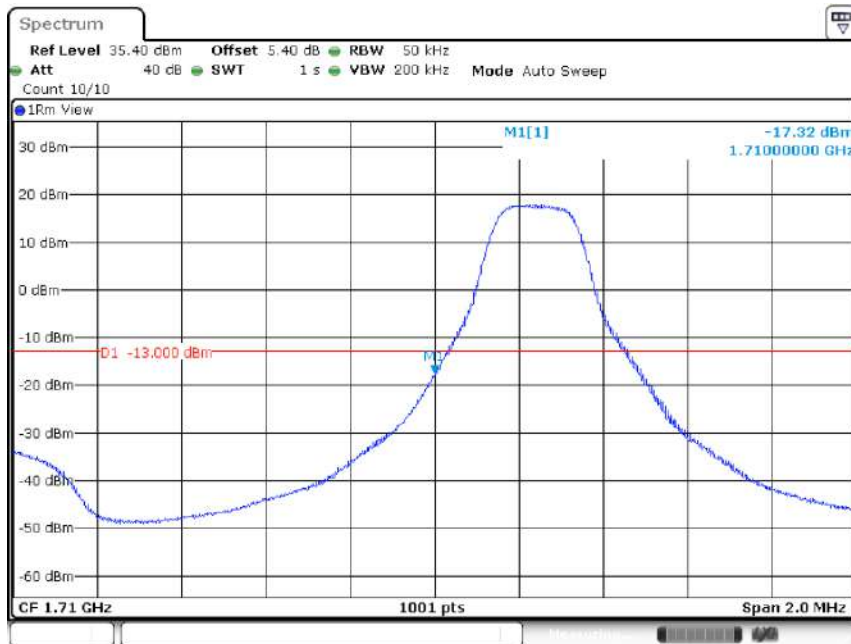
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**Band66-3MHz-QPSK-132657-15RB#0**



Date: 29 JAN 2021 08:53:42

**Band66-3MHz-16QAM-131987-1RB#0**



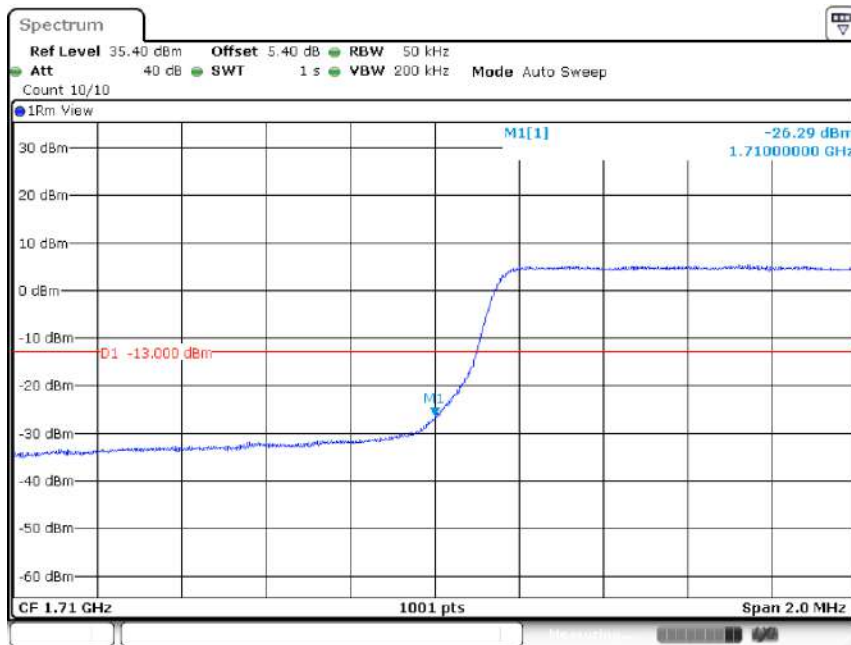
Date: 29 JAN 2021 08:51:54



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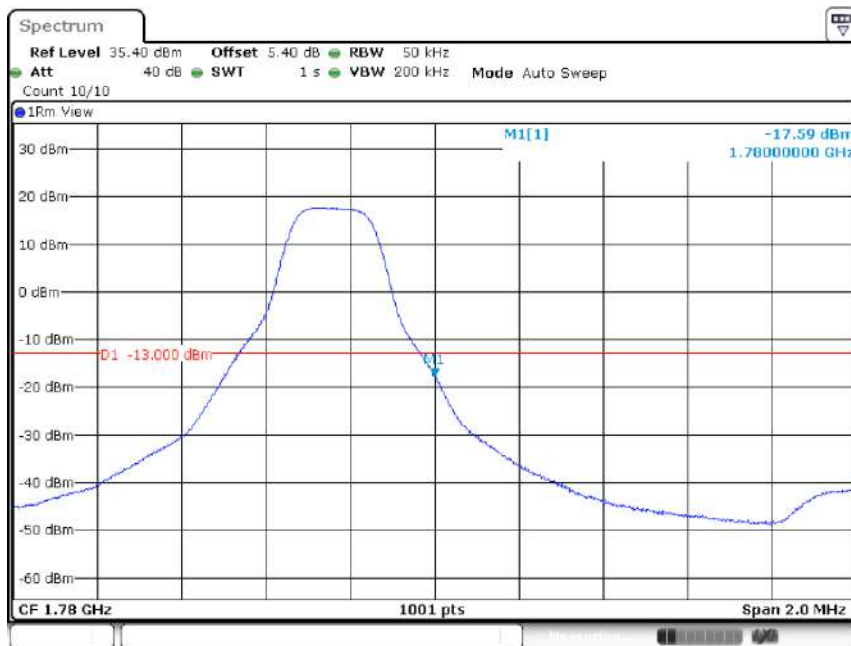


**Band66-3MHz-16QAM-131987-15RB#0**



Date: 29 JAN 2021 08:52:35

**Band66-3MHz-16QAM-132657-1RB#14**

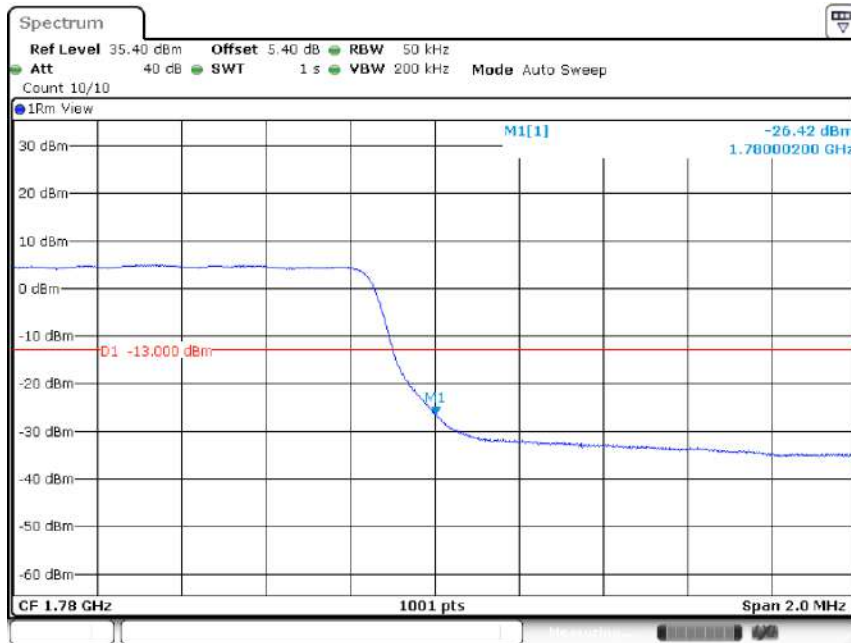


Date: 29 JAN 2021 08:53:21



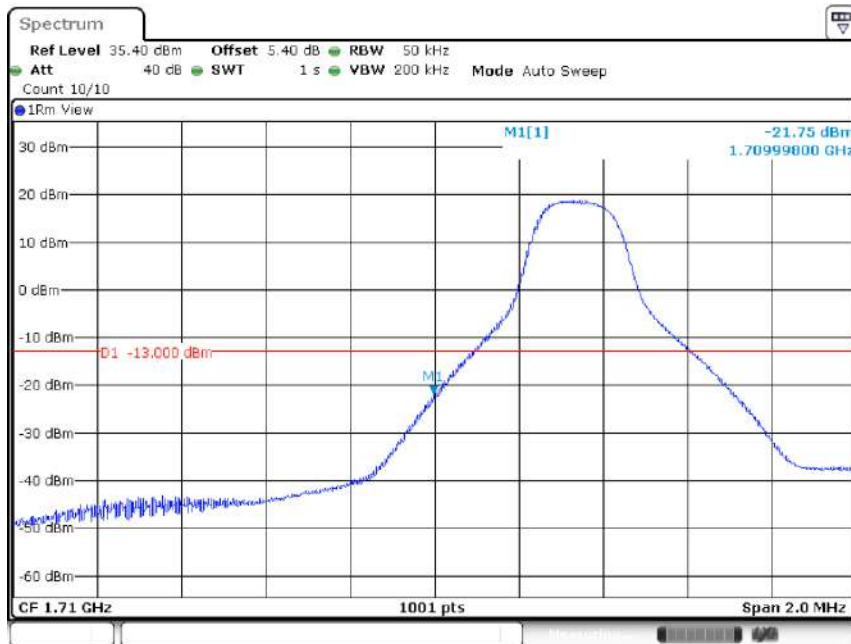
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**Band66-3MHz-16QAM-132657-15RB#0**



Date: 29 JAN 2021 08:54:02

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

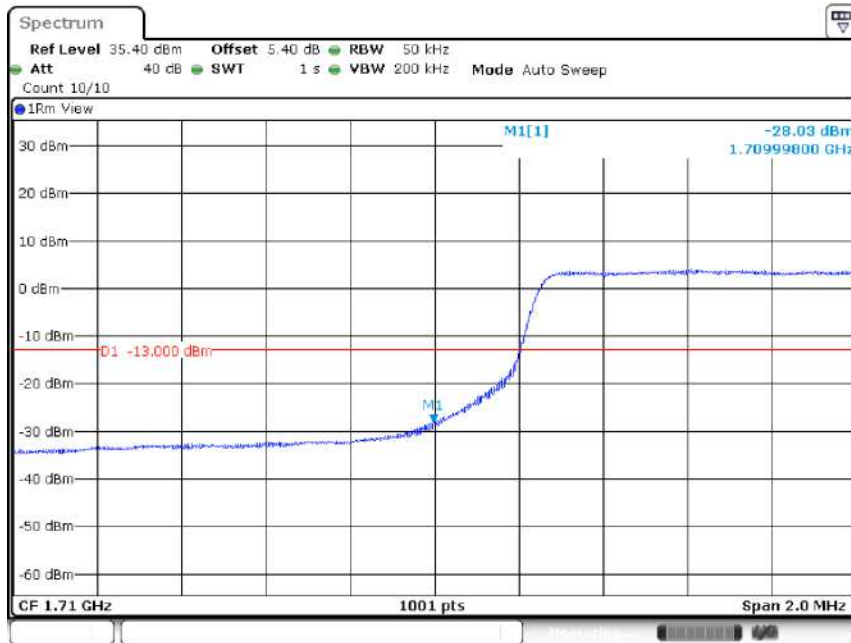


Date: 29 JAN 2021 08:54:28



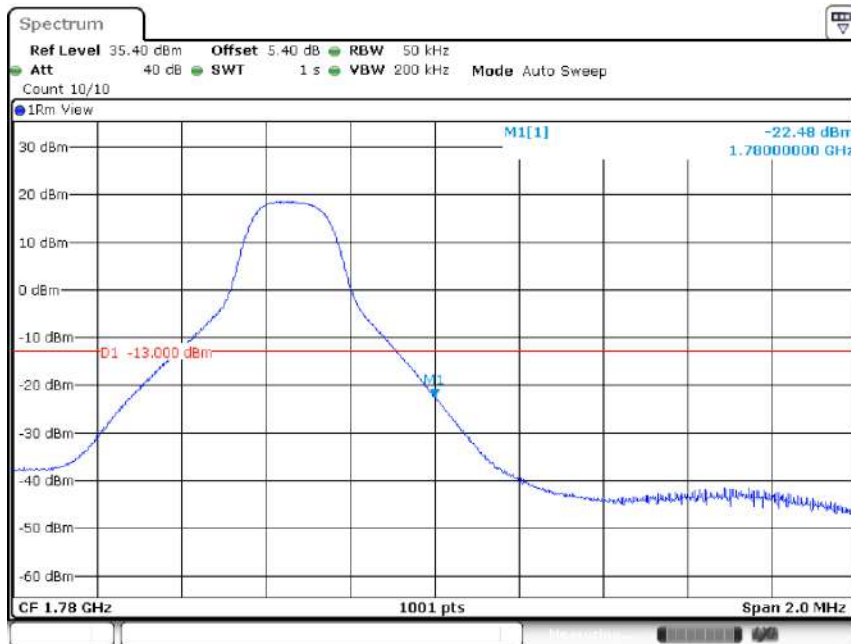
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**Band66-5MHz-QPSK-131997-25RB#0**



Date: 29 JAN 2021 08:55:09

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



Date: 29 JAN 2021 08:55:55



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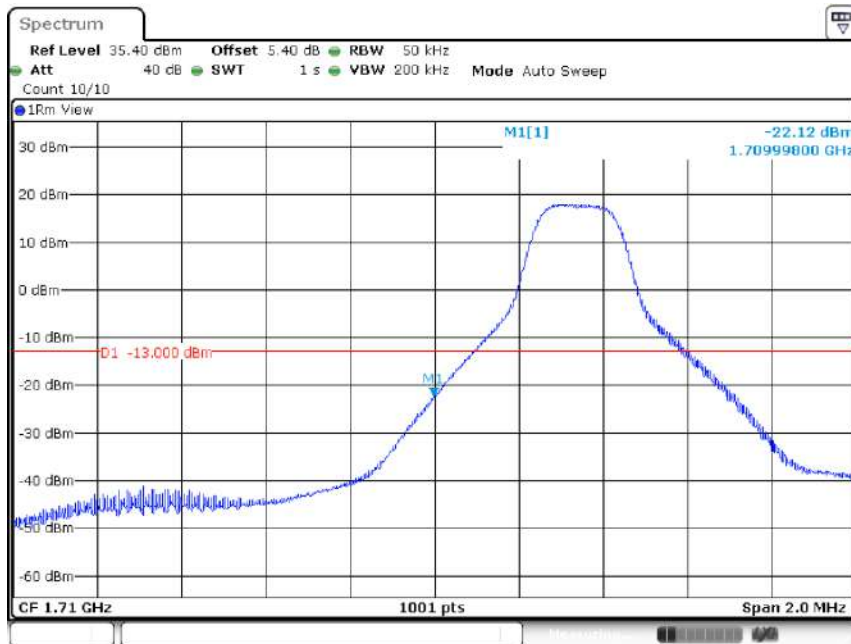


**Band66-5MHz-QPSK-132647-25RB#0**



Date: 29 JAN 2021 08:56:36

**Band66-5MHz-16QAM-131997-1RB#0**

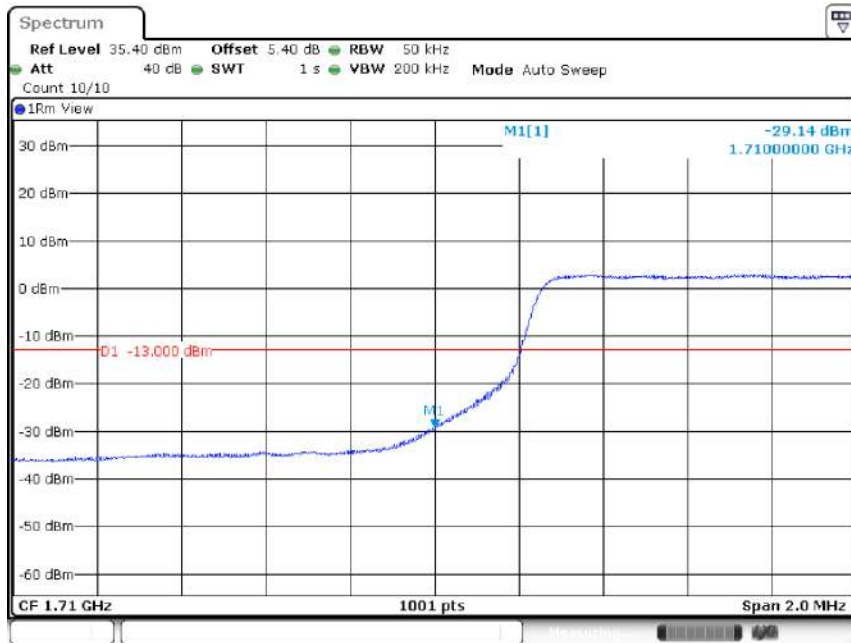


Date: 29 JAN 2021 08:54:49



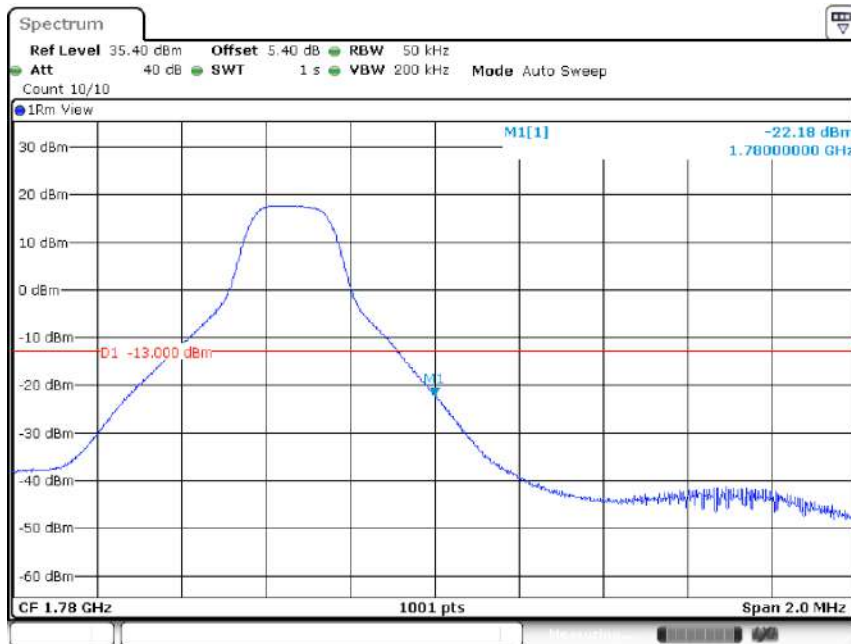
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**Band66-5MHz-16QAM-131997-25RB#0**



Date: 29 JAN 2021 08:55:30

**Band66-5MHz-16QAM-132647-1RB#24**

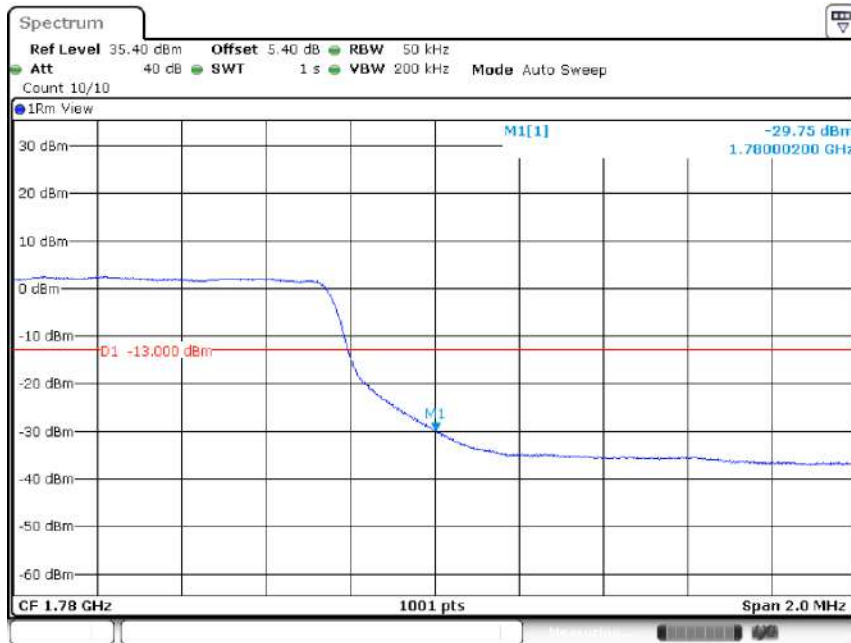


Date: 29 JAN 2021 08:56:16



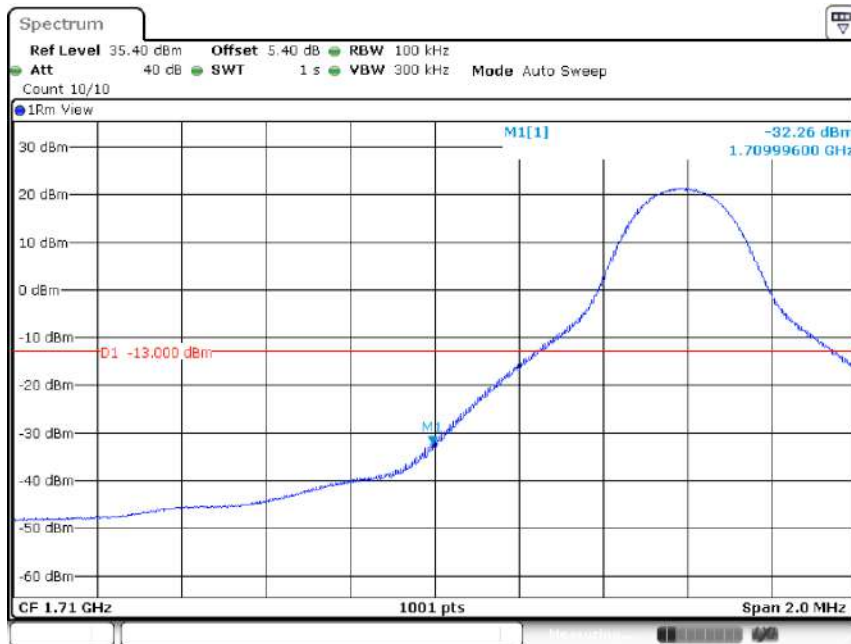
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**Band66-5MHz-16QAM-132647-25RB#0**



Date: 29 JAN 2021 08:56:57

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



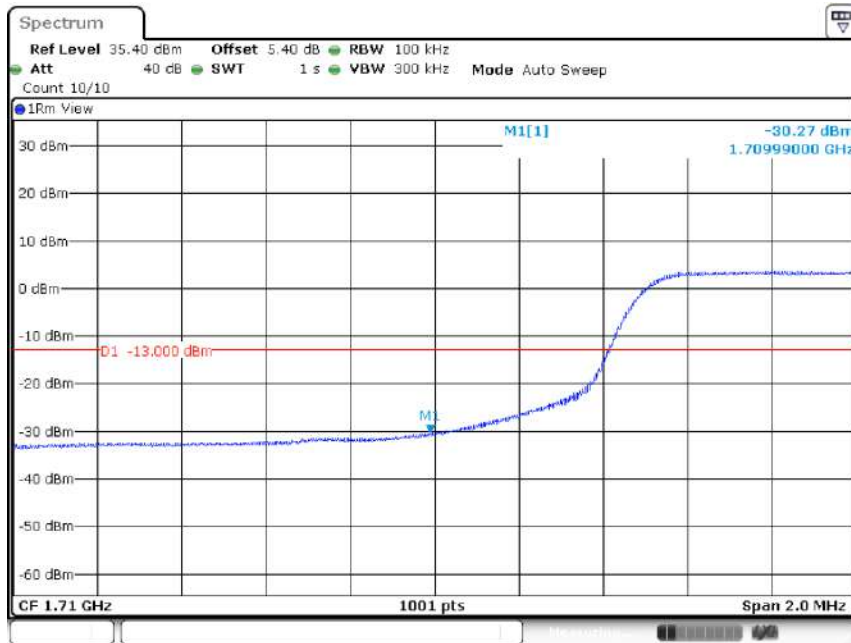
Date: 29 JAN 2021 08:57:22



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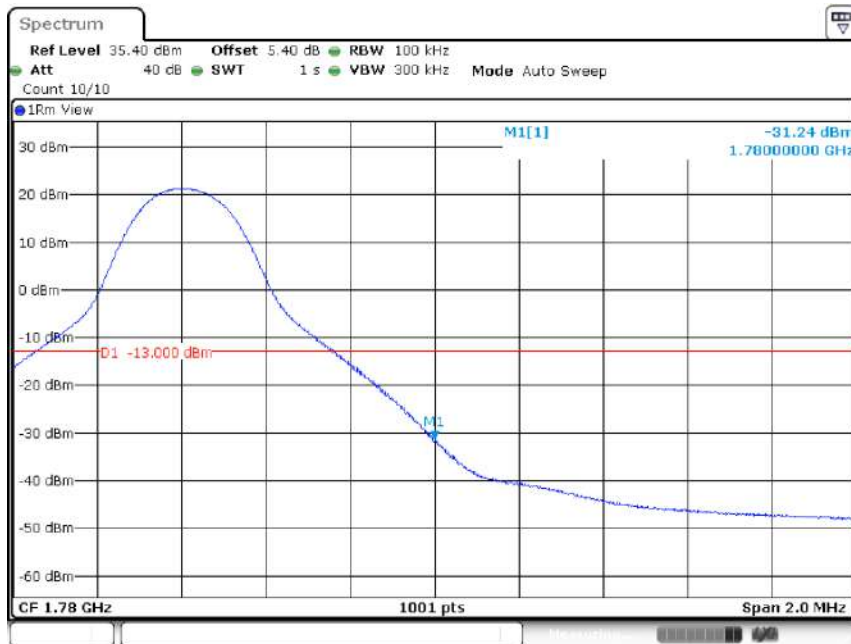


**Band66-10MHz-QPSK-132022-50RB#0**



Date: 29 JAN 2021 08:58:04

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

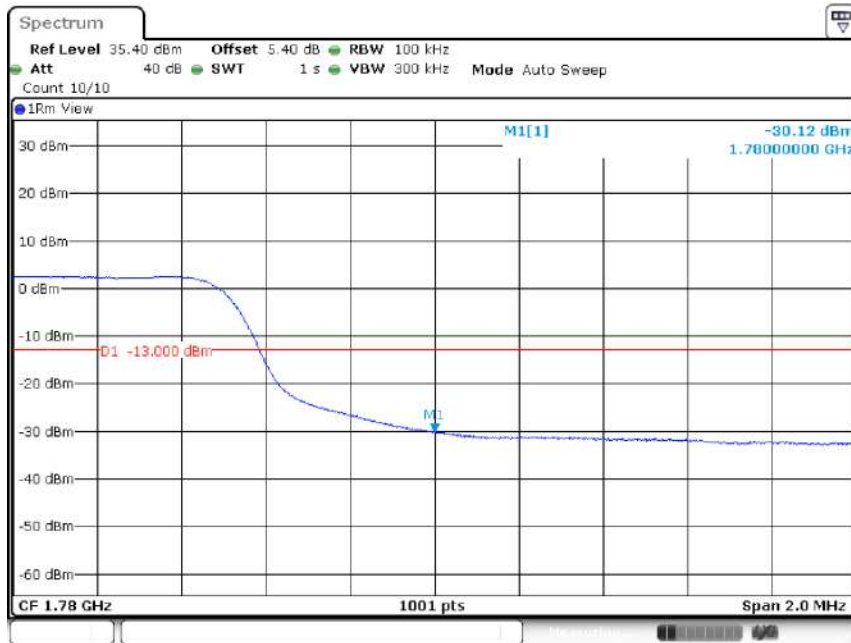


Date: 29 JAN 2021 08:58:49



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



Date: 29 JAN 2021 08:59:31

**Band66-10MHz-16QAM-132022-1RB#0**

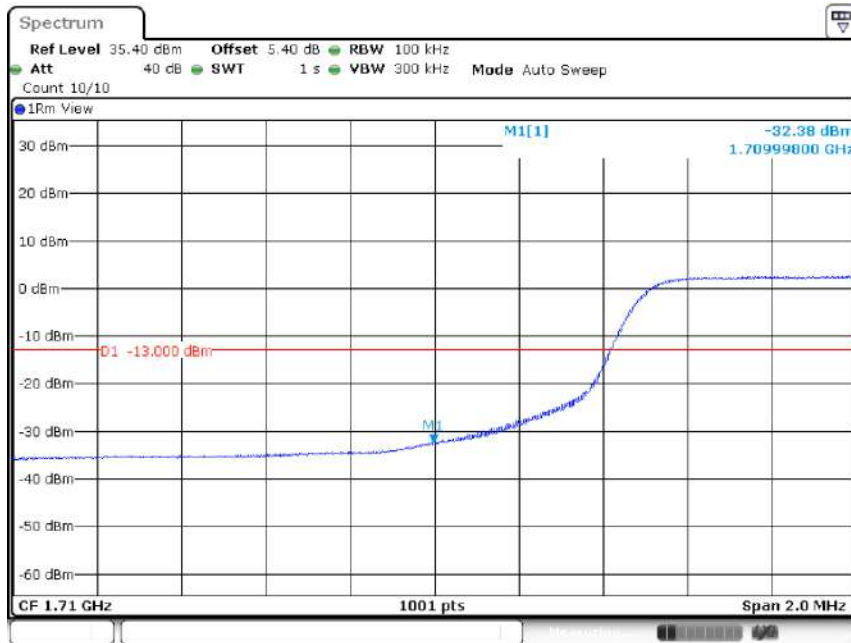


Date: 29 JAN 2021 08:57:43



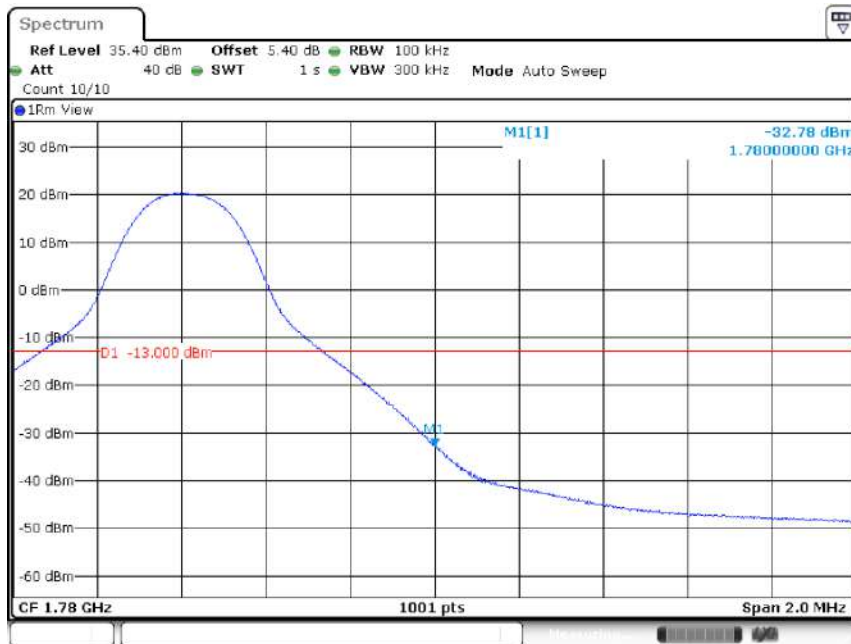
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**Band66-10MHz-16QAM-132022-50RB#0**



Date: 29 JAN 2021 08:58:24

**Band66-10MHz-16QAM-132622-1RB#49**



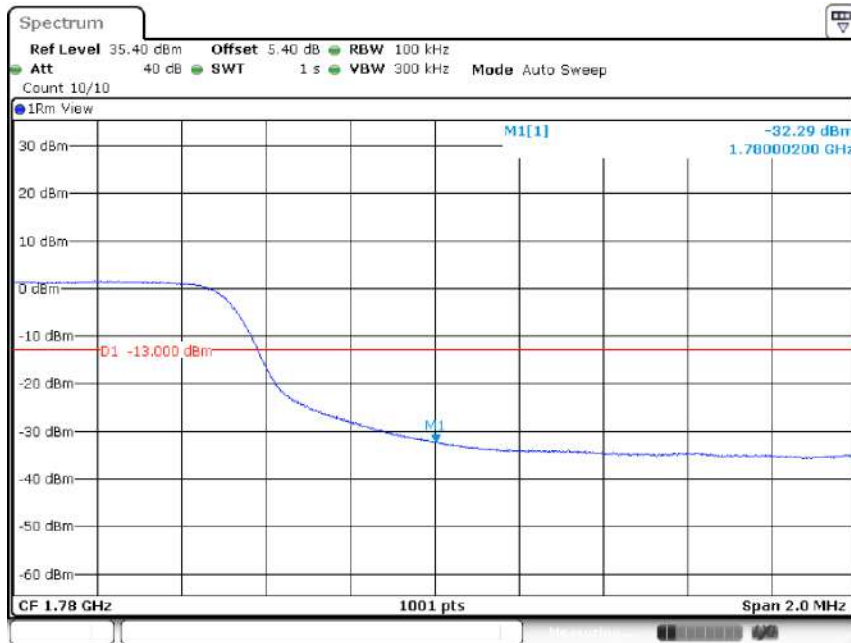
Date: 29 JAN 2021 08:58:10



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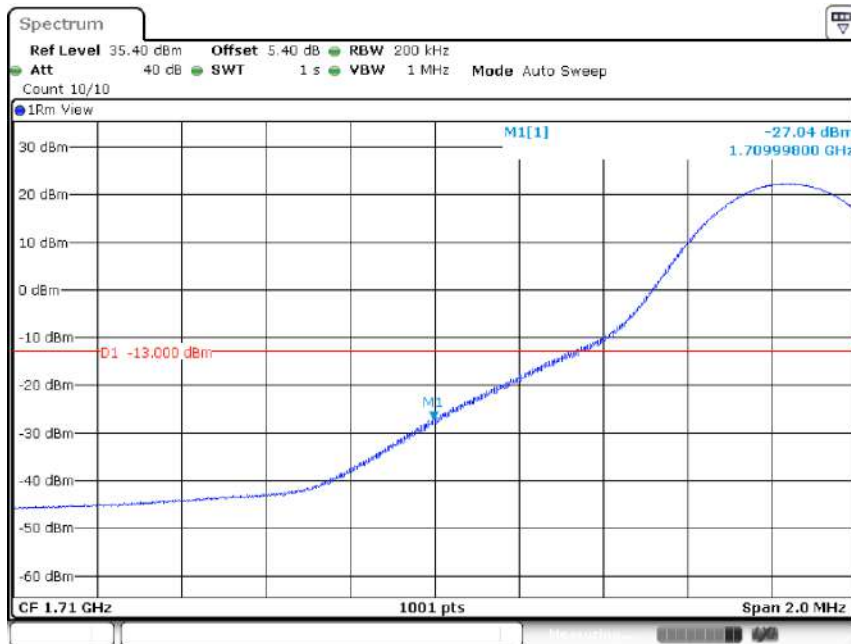


**Band66-10MHz-16QAM-132622-50RB#0**



Date: 29 JAN 2021 08:59:51

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

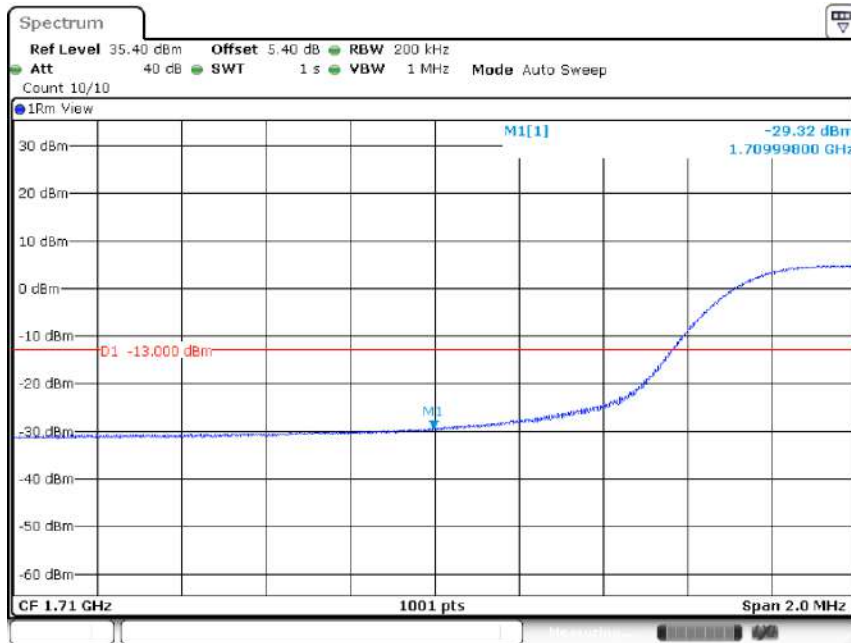


Date: 29 JAN 2021 09:00:17



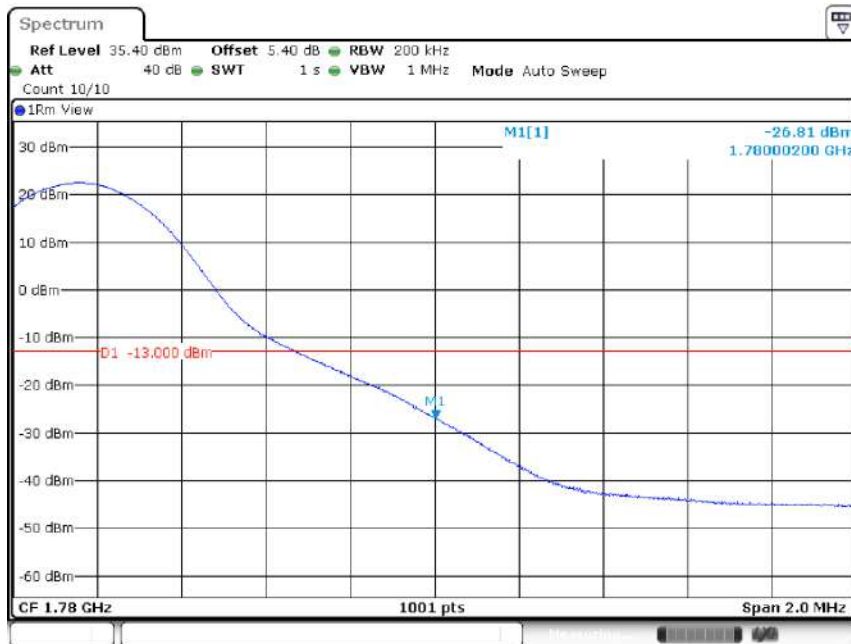
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**Band66-15MHz-QPSK-132047-75RB#0**



Date: 29 JAN 2021 09:00:58

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

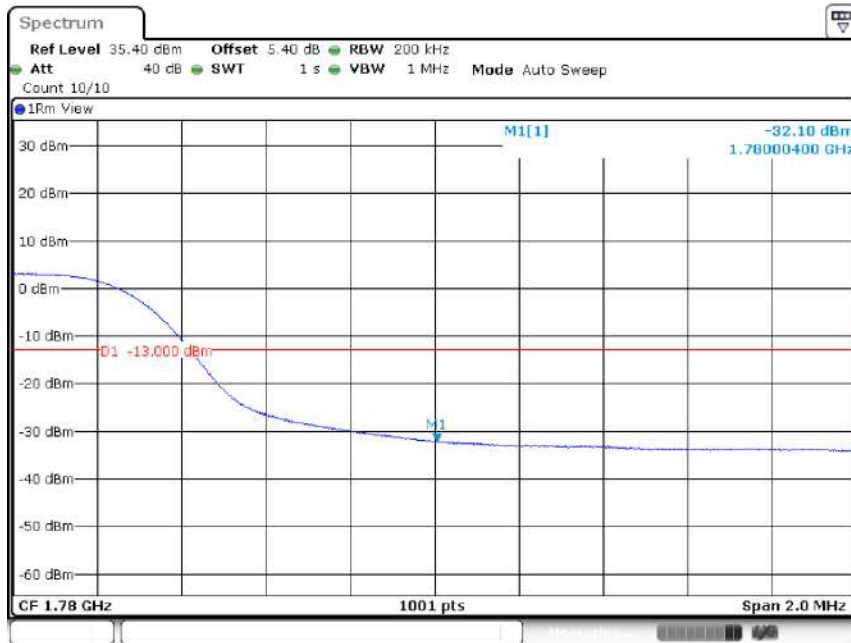


Date: 29 JAN 2021 09:01:43



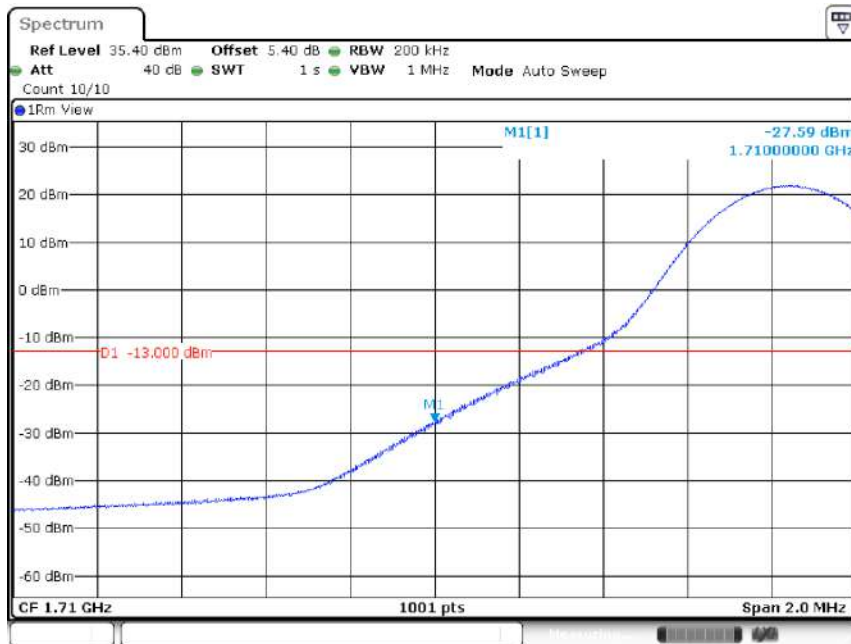
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**Band66-15MHz-QPSK-132597-75RB#0**



Date: 29 JAN 2021 08:02:24

**Band66-15MHz-16QAM-132047-1RB#0**



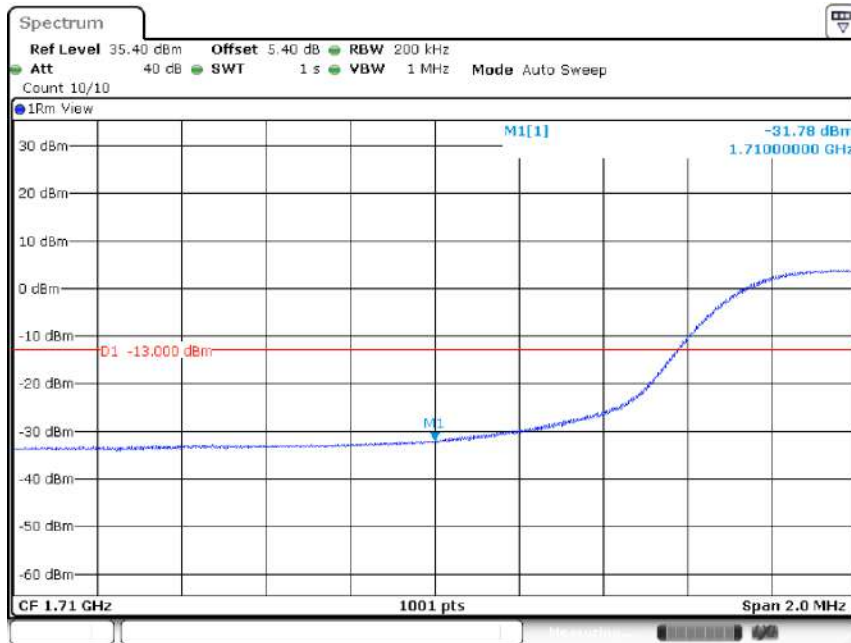
Date: 29 JAN 2021 08:00:37



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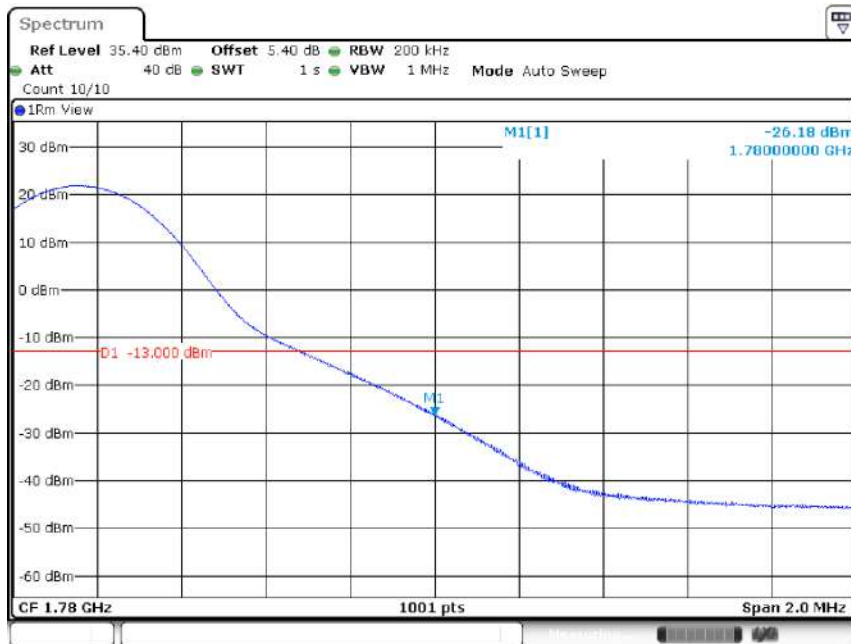


**Band66-15MHz-16QAM-132047-75RB#0**



Date: 29 JAN 2021 08:01:18

**Band66-15MHz-16QAM-132597-1RB#74**

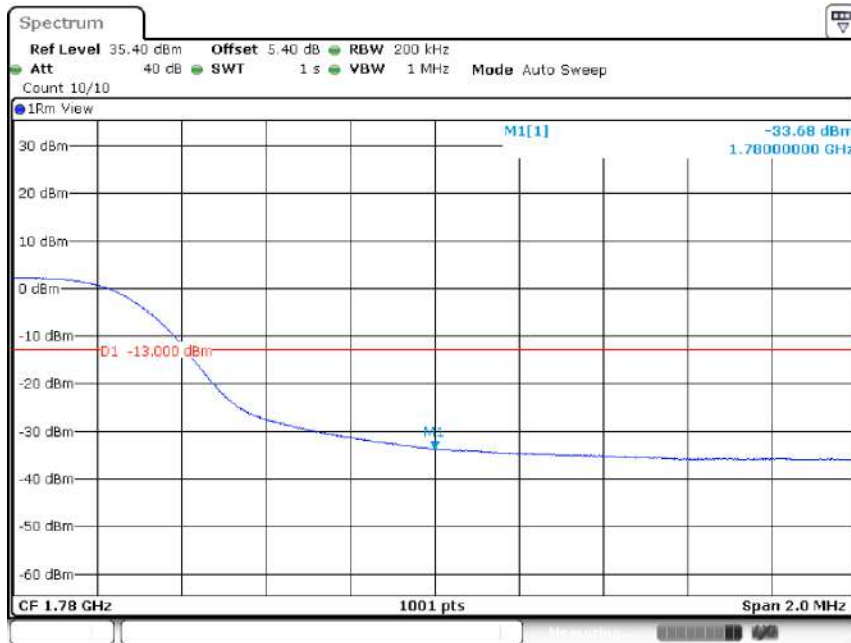


Date: 29 JAN 2021 08:02:04



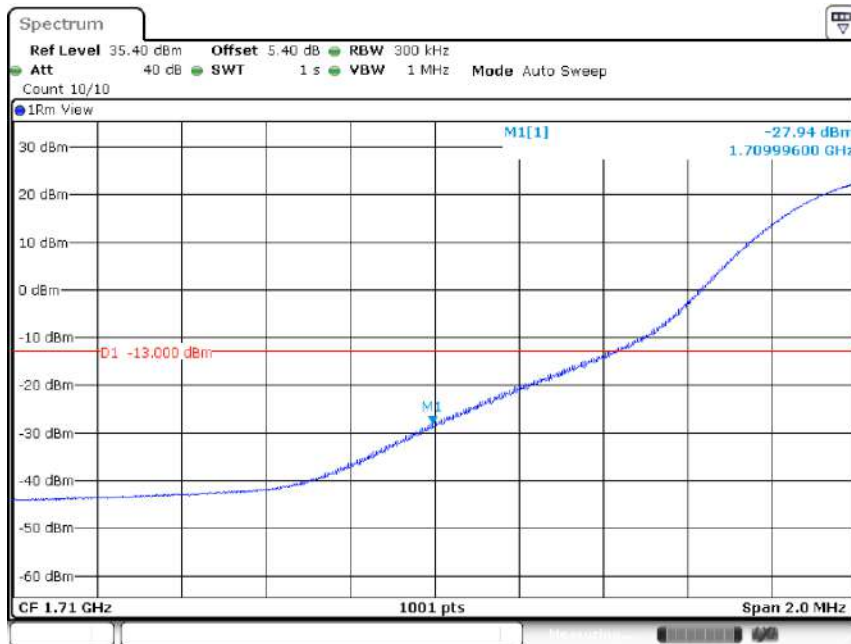
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**Band66-15MHz-16QAM-132597-75RB#0**



Date: 29 JAN 2021 08:02:45

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

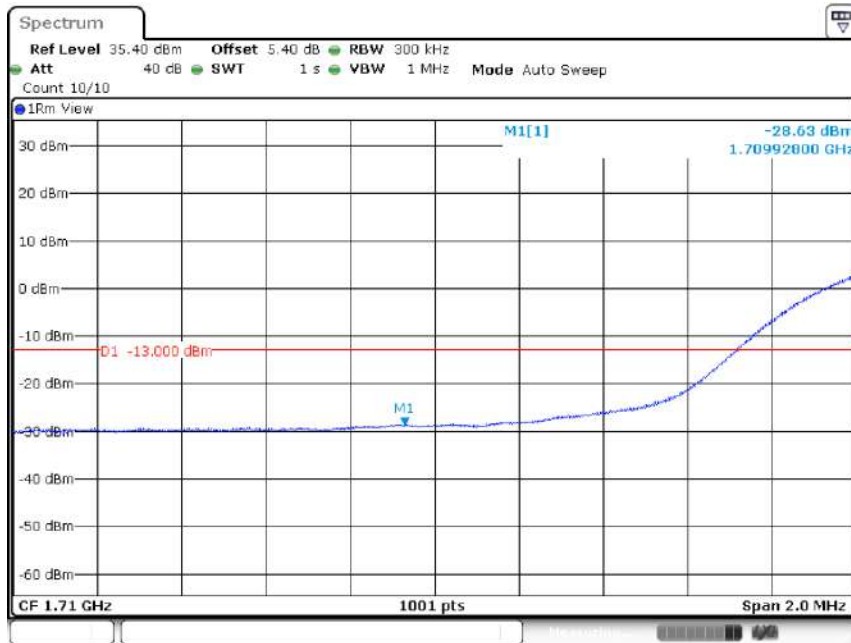


Date: 29 JAN 2021 08:03:11



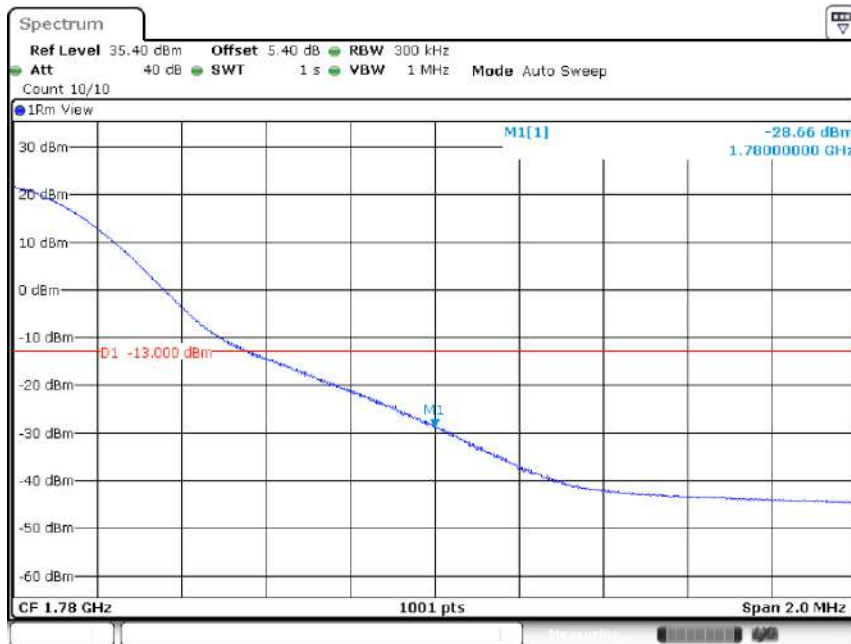
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**Band66-20MHz-QPSK-132072-100RB#0**



Date: 29 JAN 2021 09:03:52

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



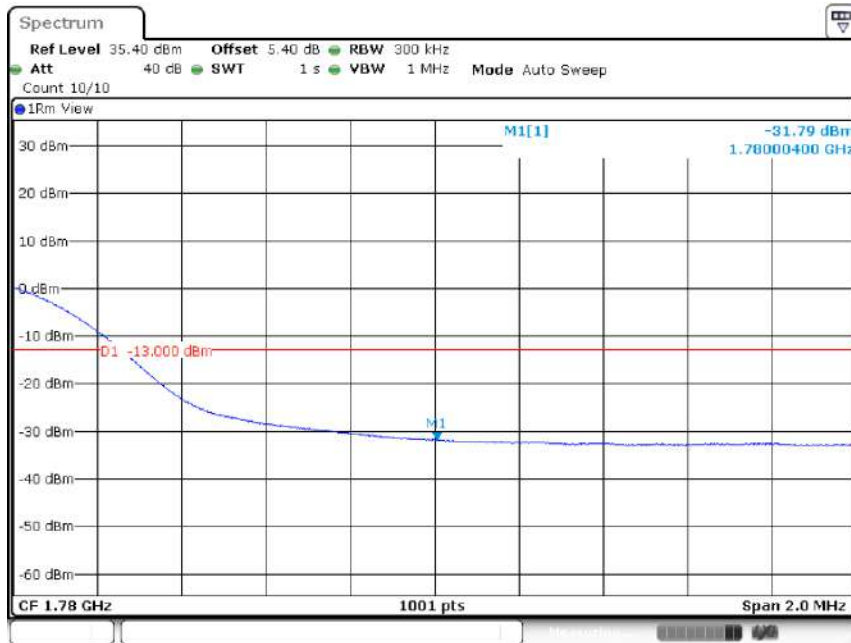
Date: 29 JAN 2021 09:04:38



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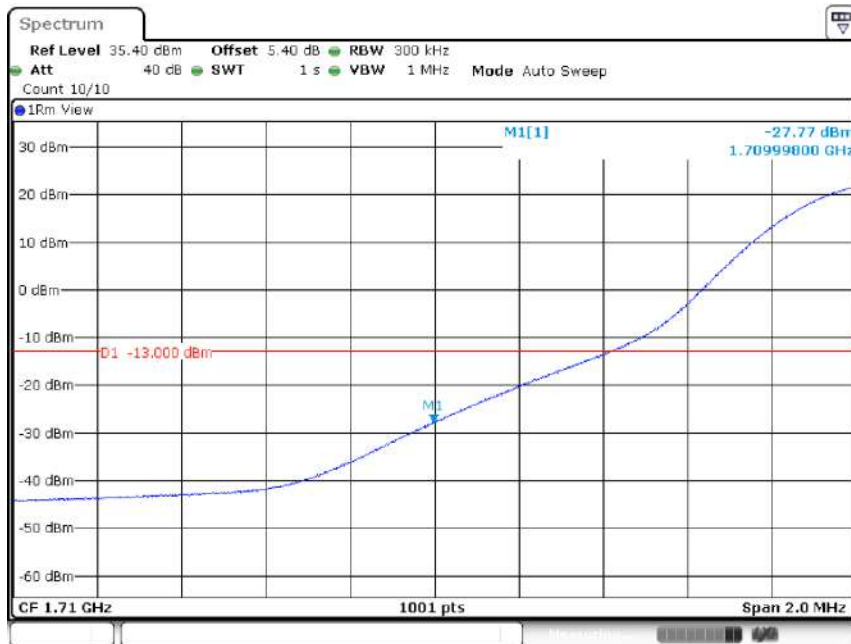


**Band66-20MHz-QPSK-132572-100RB#0**



Date: 29 JAN 2021 09:05:19

**Band66-20MHz-16QAM-132072-1RB#0**



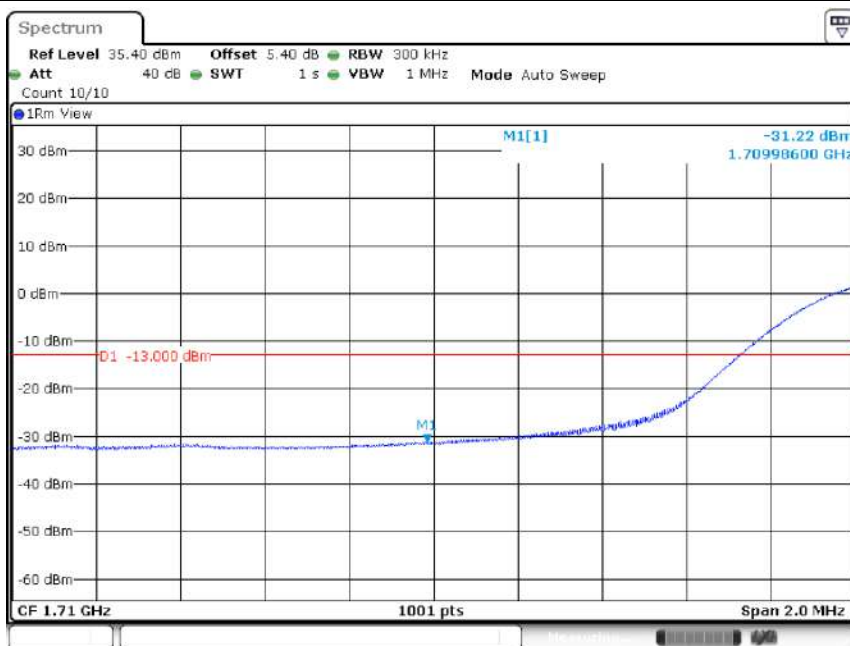
Date: 29 JAN 2021 09:03:31



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



Date: 29 JAN 2021 09:04:12

Band66-20MHz-16QAM-132572-1RB#99



Date: 29 JAN 2021 09:04:58

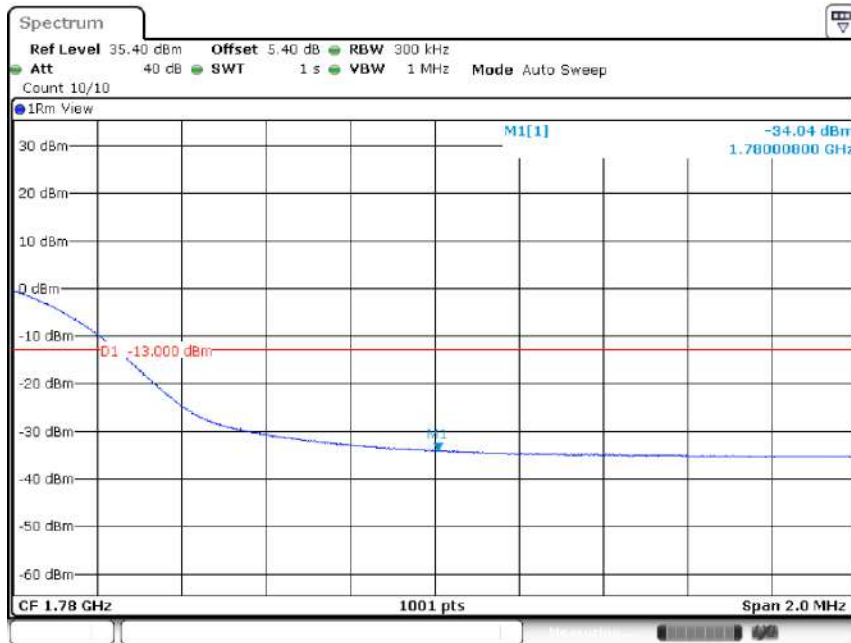


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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 29 JAN 2021 09:05:39



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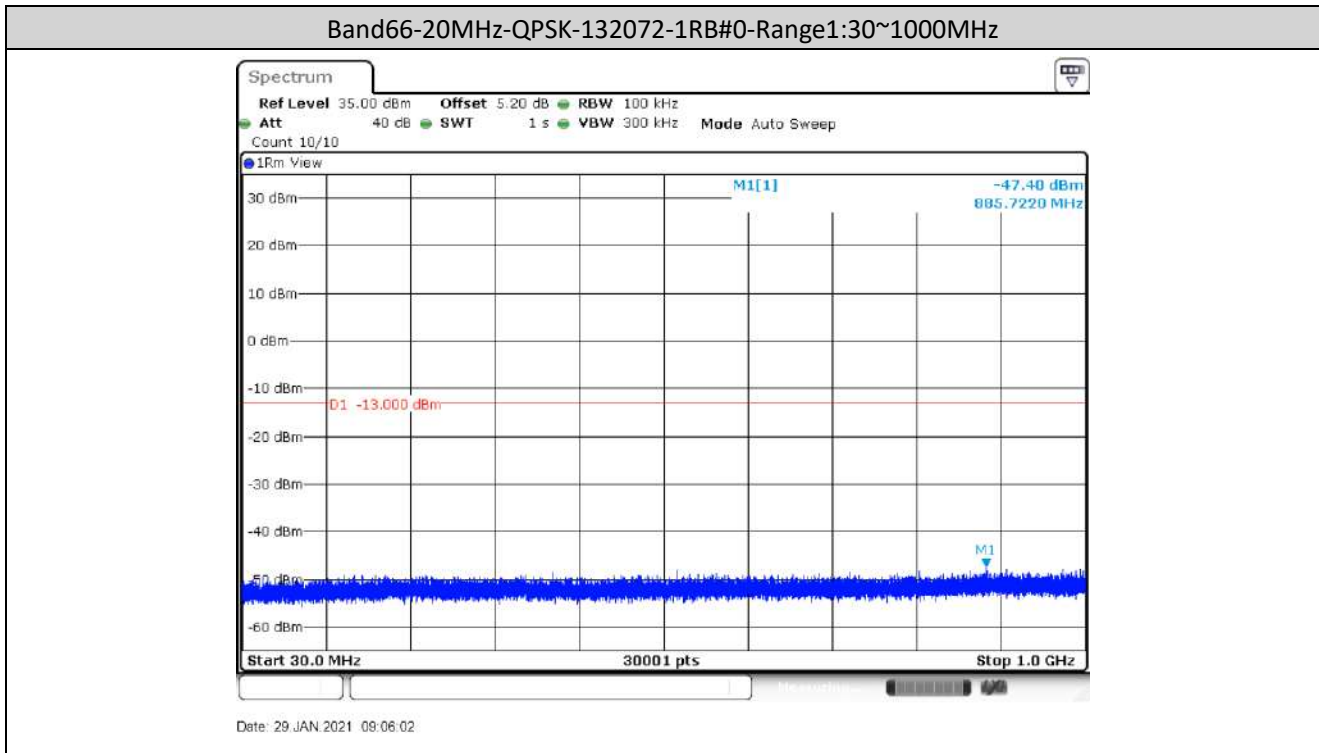
## 6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

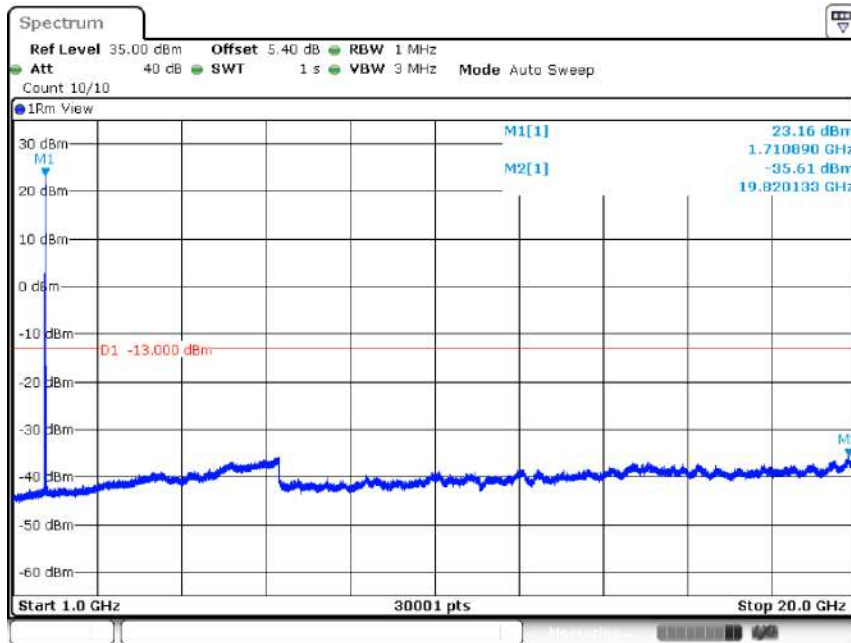
Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

### 6.1. Test Plots



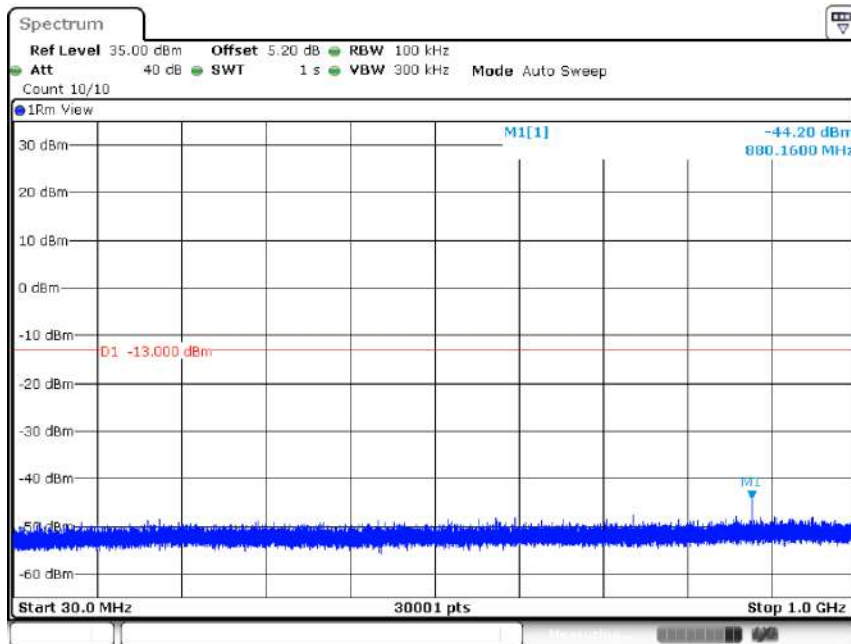
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**Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~20000MHz**



Date: 29 JAN 2021 09:06:19

**Band66-20MHz-QPSK-132322-1RB#0-Range1:30~1000MHz**

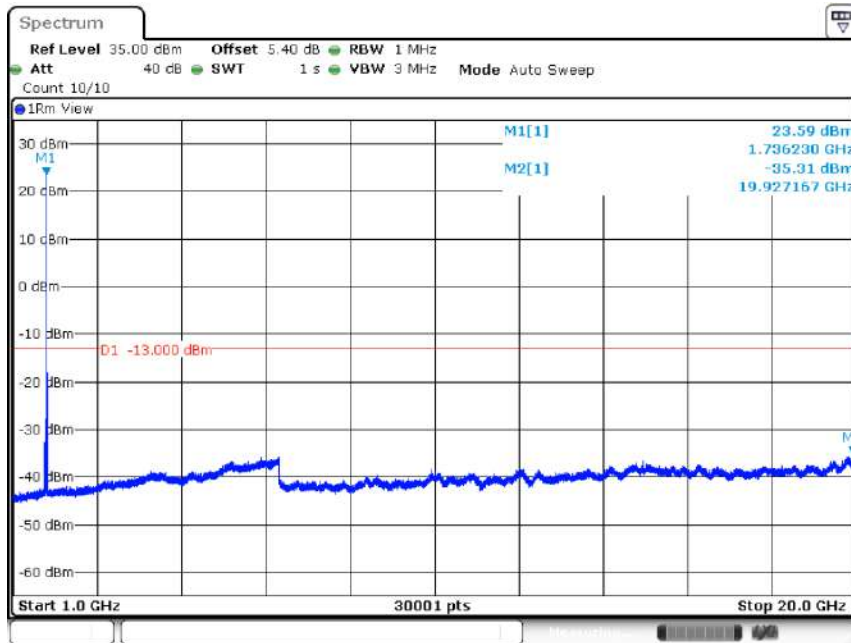


Date: 29 JAN 2021 09:07:13



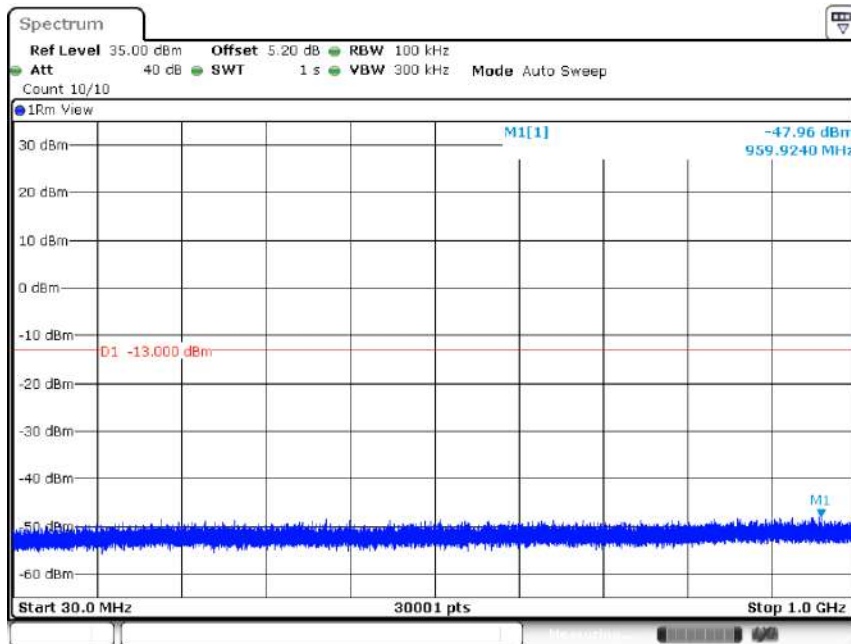
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**Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz**



Date: 29 JAN 2021 09:07:29

**Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz**



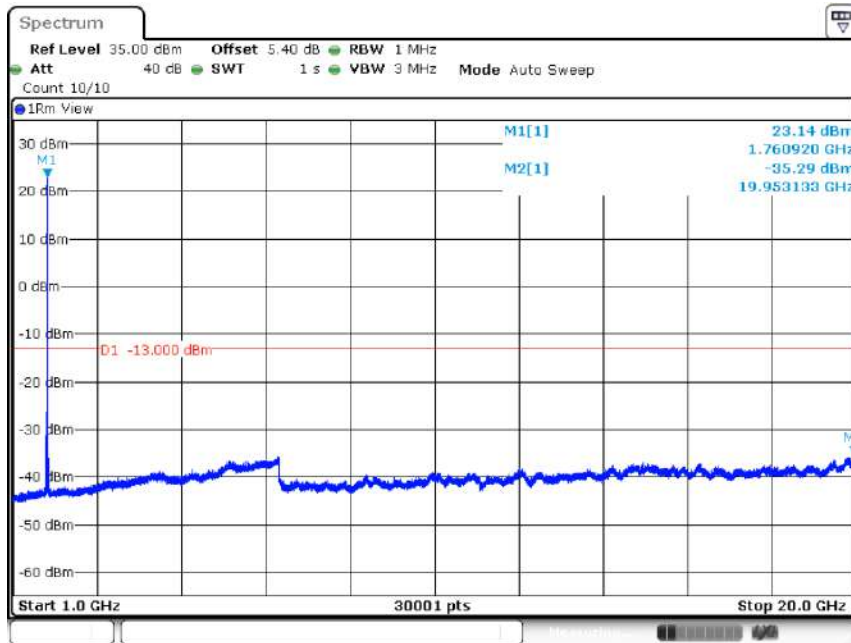
Date: 29 JAN 2021 09:08:24



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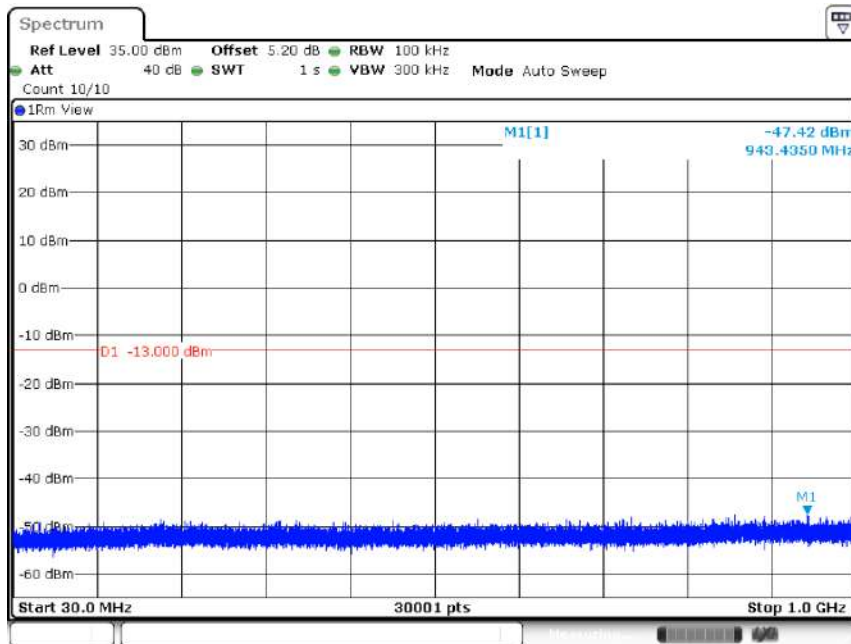


**Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~20000MHz**



Date: 29 JAN 2021 09:08:40

**Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz**

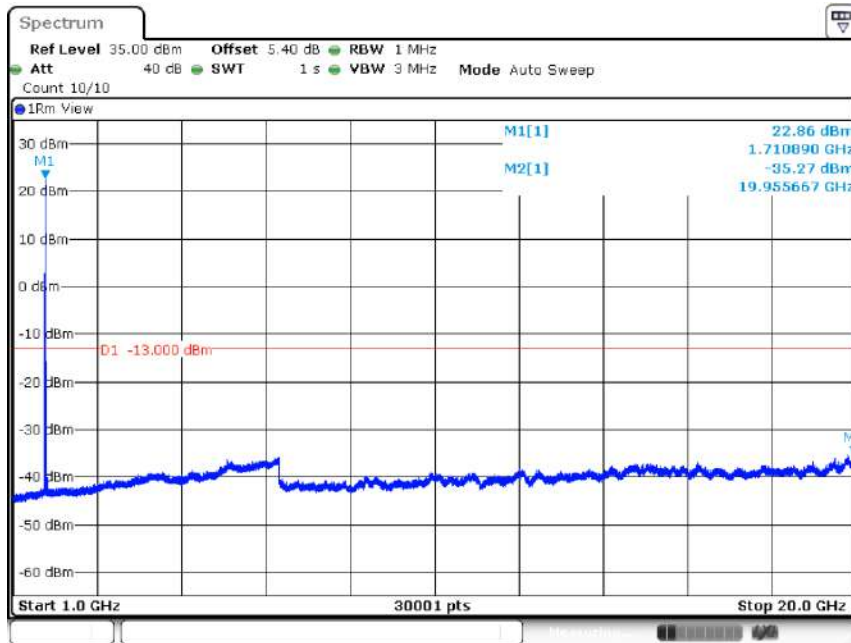


Date: 29 JAN 2021 09:06:38



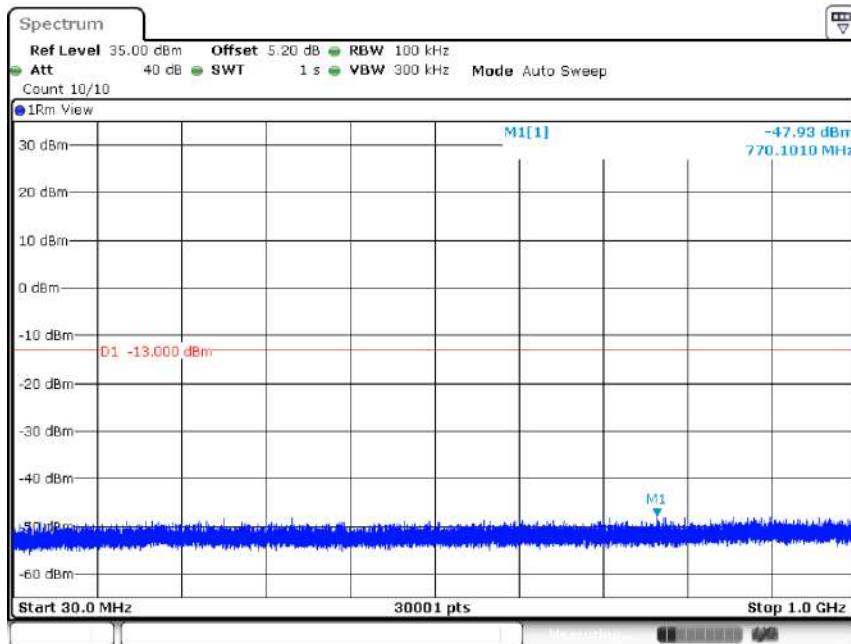
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**Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~20000MHz**



Date: 29 JAN 2021 09:06:54

**Band66-20MHz-16QAM-132322-1RB#0-Range1:30~1000MHz**

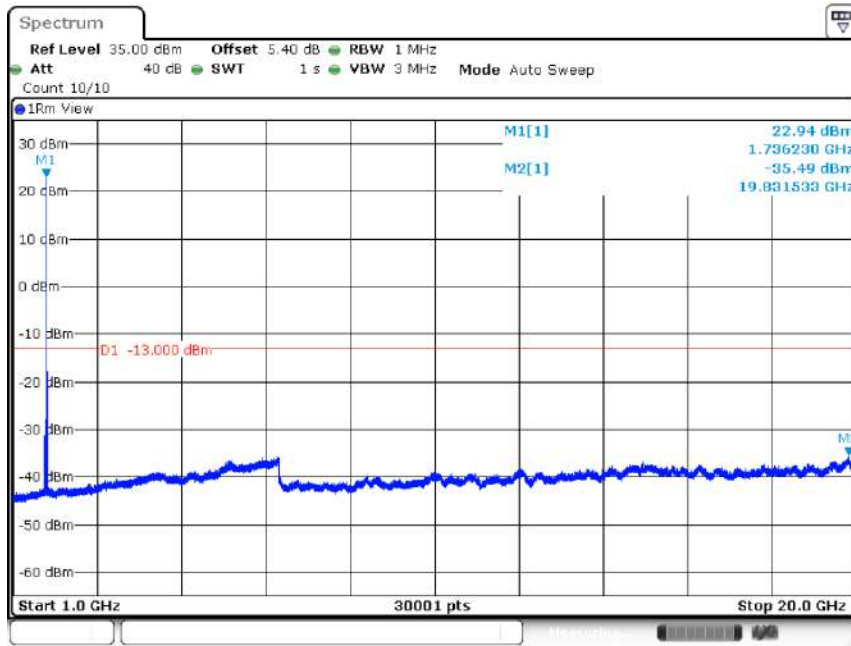


Date: 29 JAN 2021 09:07:48



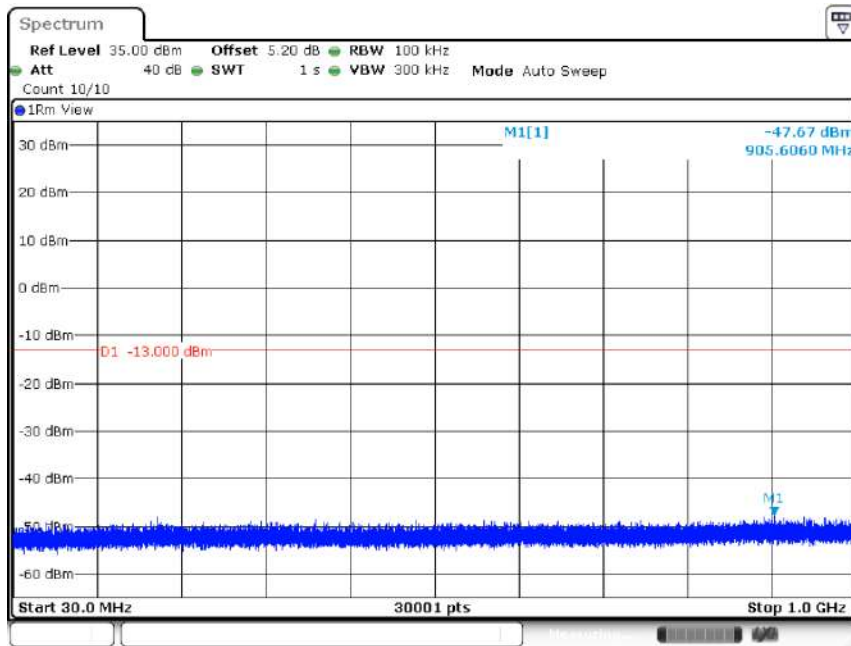
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**Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz**



Date: 29 JAN 2021 09:08:05

**Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz**



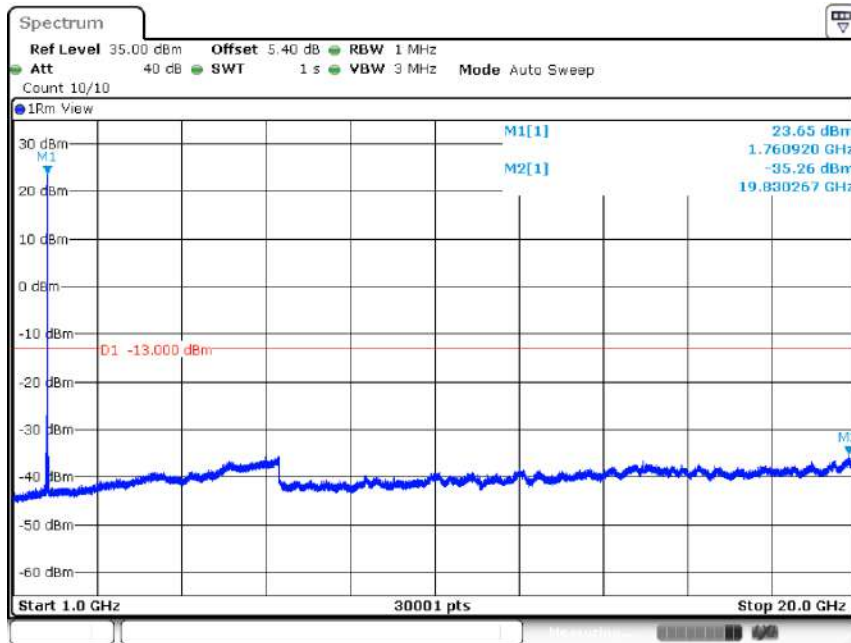
Date: 29 JAN 2021 09:08:59



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**Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~20000MHz**



Date: 29 JAN 2021 09:09:15



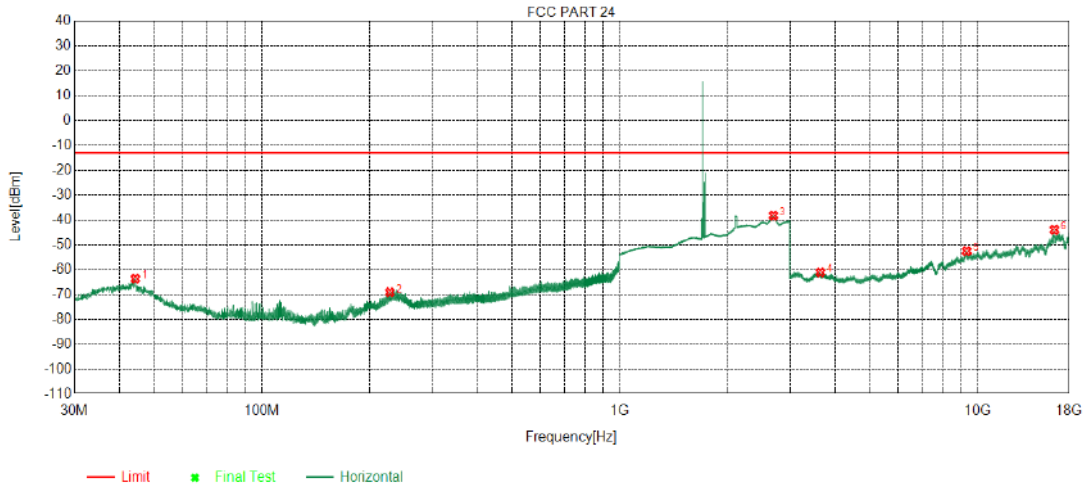
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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = LTE\_66\_TM1 DOWN ANT

#### 7.1.1. Test Channel = Low Channel

#### Test Graph



#### Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.3567	-70.65	-63.66	-13.00	50.66	166	99	Horizontal
2	227.9384	-71.59	-69.13	-13.00	56.13	193	227	Horizontal
3	2691.9384	-70.93	-38.23	-13.00	25.23	125	255	Horizontal
4	3637.5213	-52.84	-61.10	-13.00	48.10	286	354	Horizontal
5	9331.7111	-58.20	-52.56	-13.00	39.56	244	354	Horizontal
6	16400.446	-58.40	-43.96	-13.00	30.96	211	227	Horizontal



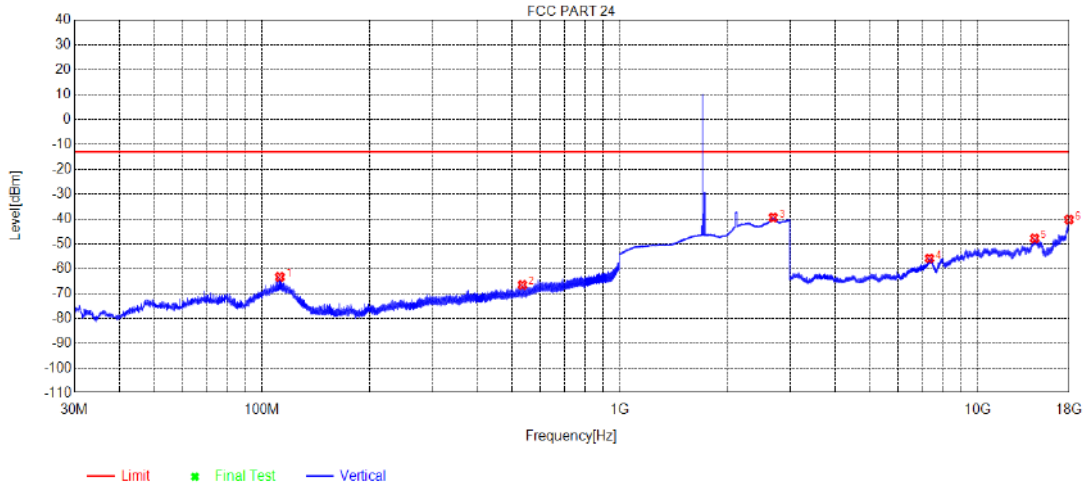
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**7.2. Test Band = LTE\_66\_TM1 DOWN ANT**

**7.2.1. Test Channel = Low Channel**

**Test Graph**



**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	112.4541	-69.57	-63.38	-13.00	50.38	166	195	Vertical
2	535.6378	-71.56	-66.55	-13.00	53.55	234	195	Vertical
3	2687.9376	-70.87	-39.43	-13.00	26.43	284	269	Vertical
4	7342.1447	-56.40	-55.89	-13.00	42.89	211	322	Vertical
5	14449.881	-59.93	-47.83	-13.00	34.83	364	195	Vertical
6	17992.999	-57.97	-40.27	-13.00	27.27	111	67	Vertical



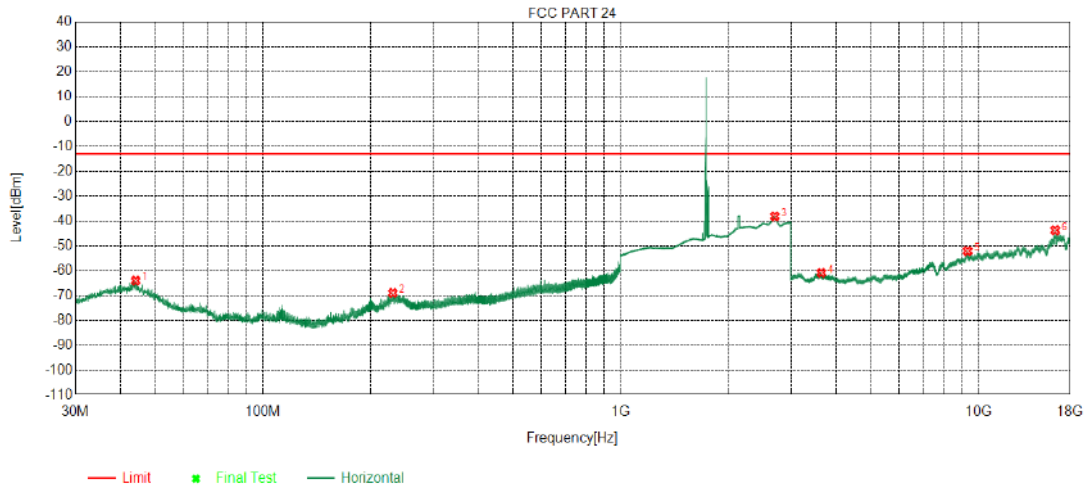
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**7.3. Test Band = LTE\_66\_TM1 DOWN ANT**

**7.3.1. Test Channel = Mid Channel**

**Test Graph**



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.1627	-71.03	-64.05	-13.00	51.05	256	258	Horizontal
2	230.8000	-71.85	-69.02	-13.00	56.02	283	227	Horizontal
3	2698.7397	-71.04	-38.15	-13.00	25.15	211	305	Horizontal
4	3636.5212	-52.63	-60.89	-13.00	47.89	196	354	Horizontal
5	9324.2108	-57.83	-52.12	-13.00	39.12	284	322	Horizontal
6	16383.946	-57.91	-43.75	-13.00	30.75	112	290	Horizontal



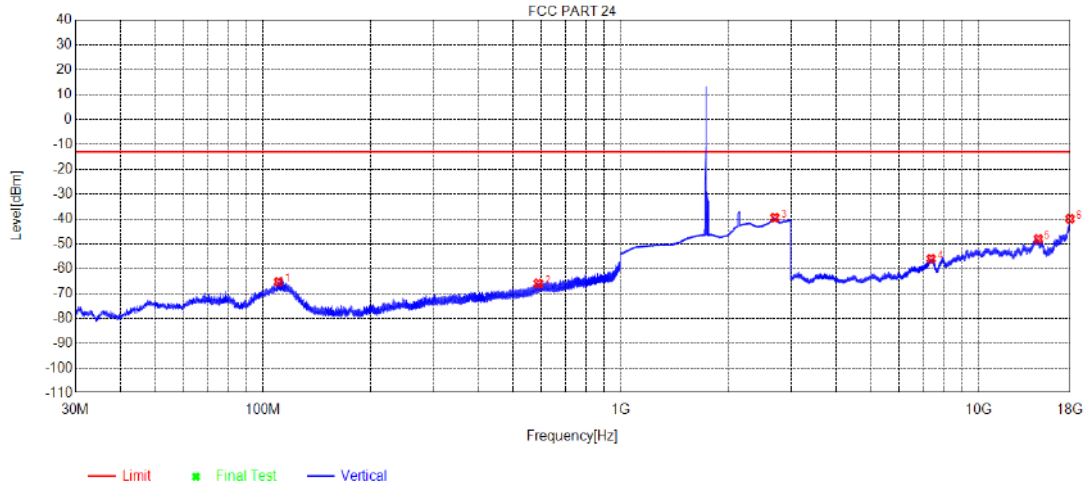
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**7.4. Test Band = LTE\_66\_TM1 DOWN ANT**

**7.4.1. Test Channel = Mid Channel**

**Test Graph**



**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	110.8535	-71.65	-65.32	-13.00	52.32	266	227	Vertical
2	589.2815	-73.06	-65.95	-13.00	52.95	274	354	Vertical
3	2699.1398	-71.16	-39.51	-13.00	26.51	218	282	Vertical
4	7370.1457	-56.58	-56.05	-13.00	43.05	234	259	Vertical
5	14697.889	-60.22	-48.07	-13.00	35.07	128	354	Vertical
6	17997.999	-57.80	-39.97	-13.00	26.97	169	259	Vertical



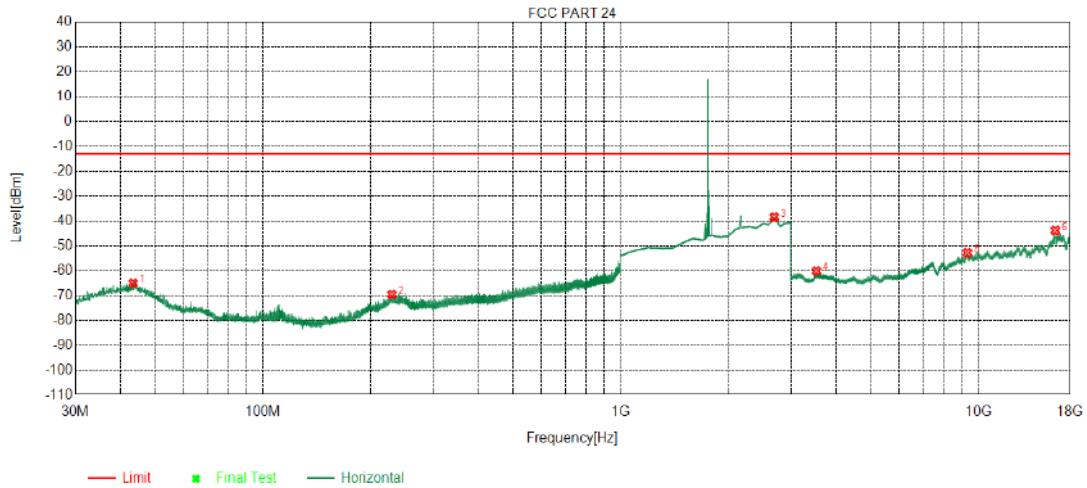
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**7.5. Test Band = LTE\_66\_TM1 DOWN ANT**

**7.5.1. Test Channel = Mid Channel**

**Test Graph**



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	43.4352	-72.00	-65.06	-13.00	52.06	166	131	Horizontal
2	229.4905	-72.34	-69.60	-13.00	56.60	132	99	Horizontal
3	2689.1378	-71.09	-38.47	-13.00	25.47	172	300	Horizontal
4	3522.5174	-51.38	-60.13	-13.00	47.13	199	35	Horizontal
5	9310.2103	-58.68	-52.84	-13.00	39.84	221	323	Horizontal
6	16397.946	-58.24	-43.83	-13.00	30.83	269	354	Horizontal



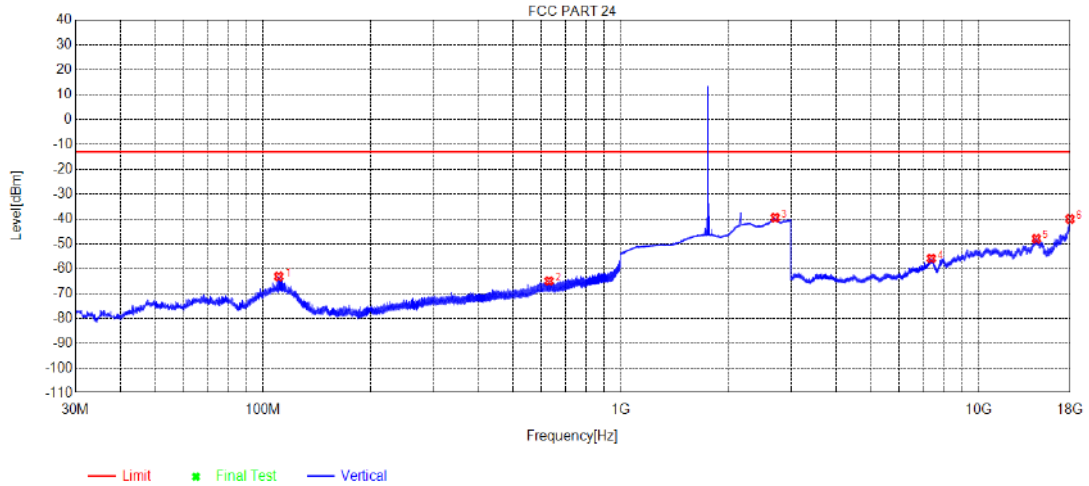
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**7.6. Test Band = LTE\_66\_TM1 DOWN ANT**

**7.6.1. Test Channel = Mid Channel**

**Test Graph**



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	111.0476	-69.50	-63.18	-13.00	50.18	163	226	Vertical
2	630.4115	-72.52	-64.98	-13.00	51.98	232	354	Vertical
3	2704.7409	-71.11	-39.51	-13.00	26.51	274	319	Vertical
4	7381.1460	-56.46	-55.92	-13.00	42.92	118	67	Vertical
5	14518.383	-60.29	-47.95	-13.00	34.95	269	67	Vertical
6	17996.499	-57.84	-40.05	-13.00	27.05	342	354	Vertical

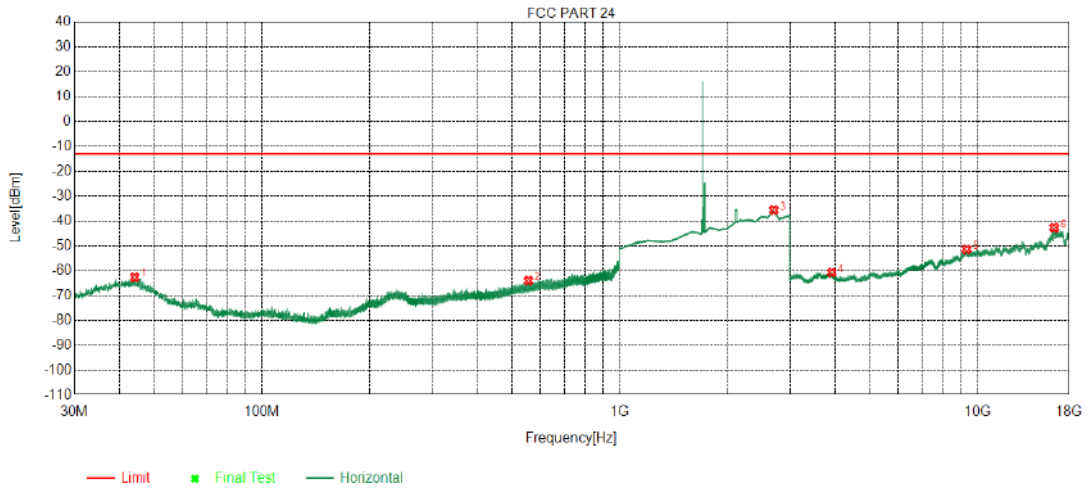


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**7.7. Test Band = LTE\_66\_TM1 UP ANT**

**7.7.1. Test Channel = Low Channel**

**Test Graph**



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.1627	-69.65	-62.67	-13.00	49.67	166	0	Horizontal
2	557.0274	-70.63	-64.06	-13.00	51.06	238	93	Horizontal
3	2698.3397	-68.51	-35.63	-13.00	22.63	284	125	Horizontal
4	3911.5304	-52.64	-60.77	-13.00	47.77	296	27	Horizontal
5	9327.2109	-57.14	-51.46	-13.00	38.46	264	318	Horizontal
6	16381.446	-56.78	-42.66	-13.00	29.66	211	27	Horizontal

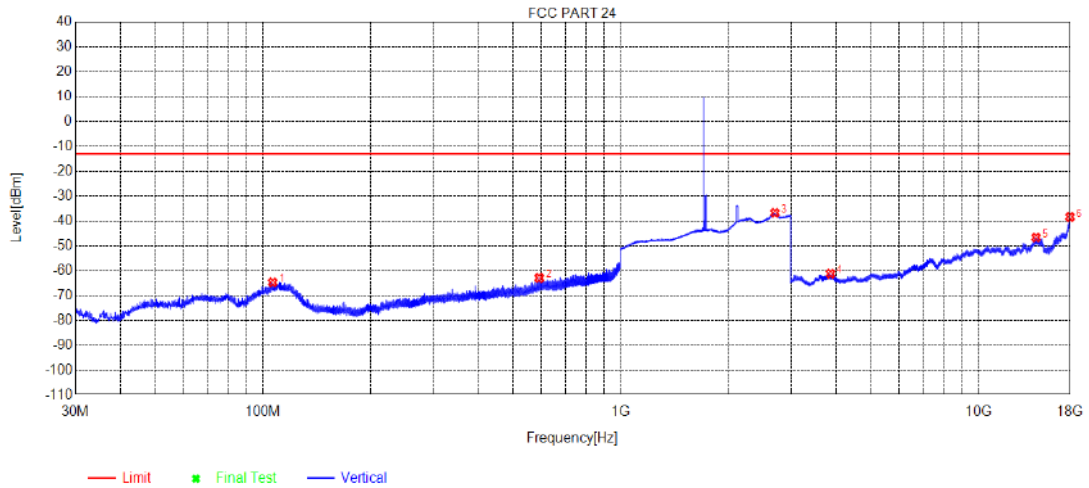


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**7.8. Test Band = LTE\_66\_TM1 UP ANT**

**7.8.1. Test Channel = Low Channel**

**Test Graph**



**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	106.7793	-70.38	-64.72	-13.00	51.72	261	220	Vertical
2	592.7736	-70.25	-62.97	-13.00	49.97	278	157	Vertical
3	2700.3401	-68.40	-36.73	-13.00	23.73	226	216	Vertical
4	3858.0286	-52.47	-61.23	-13.00	48.23	294	189	Vertical
5	14491.883	-59.11	-46.67	-13.00	33.67	151	220	Vertical
6	17994.499	-56.12	-38.38	-13.00	25.38	166	0	Vertical



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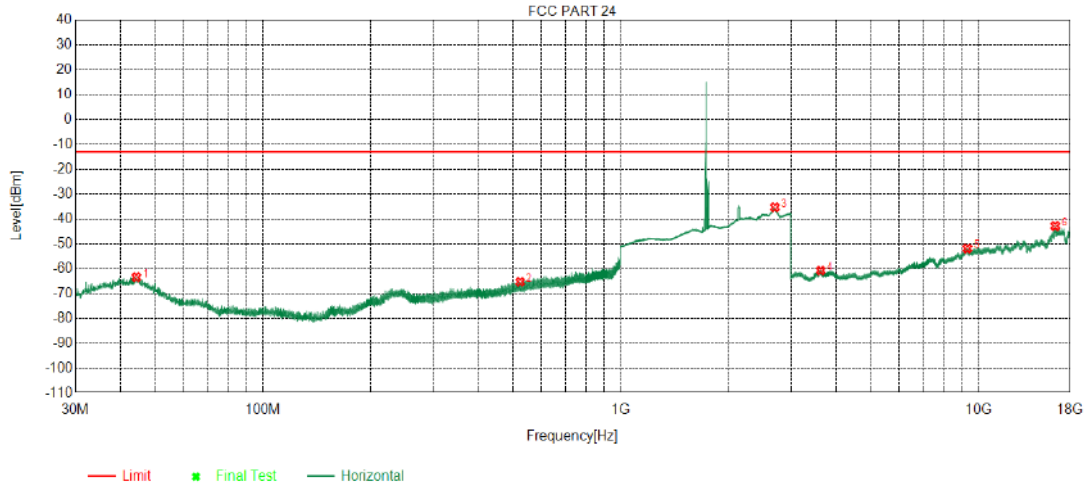
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**7.9. Test Band = LTE\_66\_TM1 UP ANT**

**7.9.1. Test Channel = Mid Channel**

**Test Graph**



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.3567	-70.46	-63.47	-13.00	50.47	185	210	Horizontal
2	524.4337	-71.12	-65.31	-13.00	52.31	166	0	Horizontal
3	2700.3401	-68.23	-35.31	-13.00	22.31	152	360	Horizontal
4	3620.5207	-52.59	-60.77	-13.00	47.77	138	210	Horizontal
5	9309.2103	-57.76	-51.91	-13.00	38.91	269	65	Horizontal
6	16392.446	-57.13	-42.82	-13.00	29.82	211	65	Horizontal

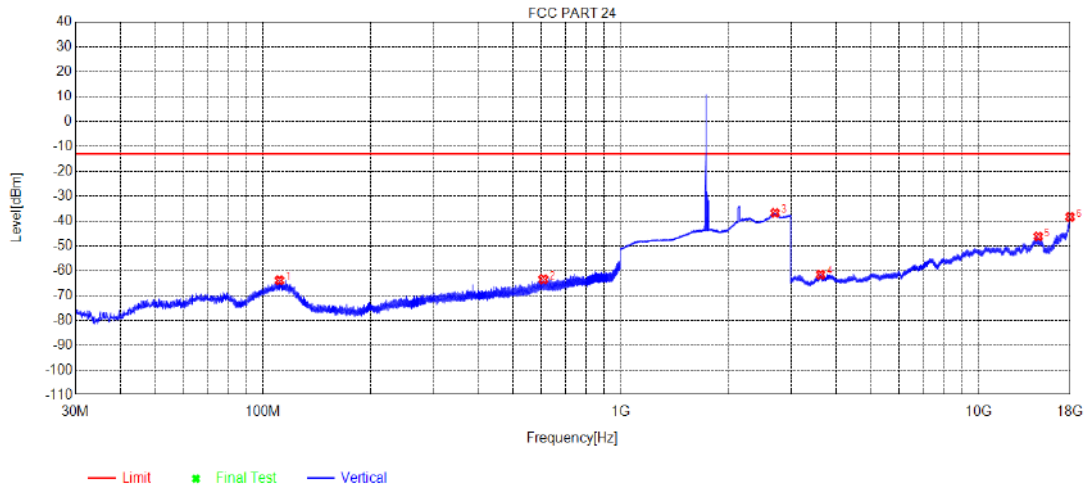


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**7.10. Test Band = LTE\_66\_TM1 UP ANT**

**7.10.1. Test Channel = Mid Channel**

**Test Graph**



**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	111.5326	-70.20	-63.92	-13.00	50.92	261	245	Vertical
2	608.3429	-71.12	-63.51	-13.00	50.51	222	177	Vertical
3	2702.7405	-68.39	-36.76	-13.00	23.76	298	304	Vertical
4	3617.5206	-52.47	-61.60	-13.00	48.60	321	177	Vertical
5	14698.890	-58.38	-46.23	-13.00	33.23	228	345	Vertical
6	17998.500	-56.22	-38.38	-13.00	25.38	178	311	Vertical



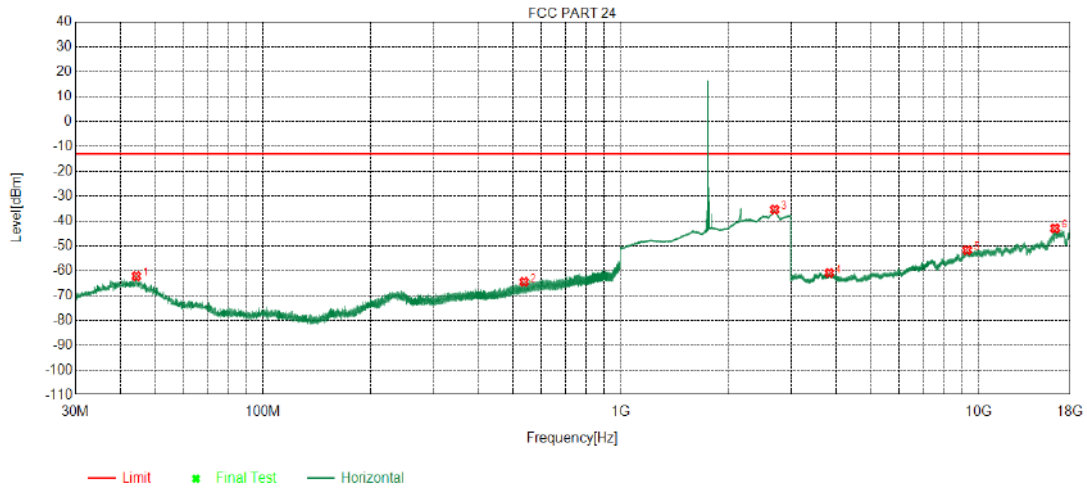
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**7.11. Test Band = LTE\_66\_TM1 UP ANT**

**7.11.1. Test Channel = High Channel**

**Test Graph**



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.3567	-69.21	-62.22	-13.00	49.22	169	229	Horizontal
2	537.9174	-70.62	-64.50	-13.00	51.50	132	194	Horizontal
3	2696.3393	-68.25	-35.42	-13.00	22.42	228	66	Horizontal
4	3828.0276	-52.72	-60.93	-13.00	47.93	178	294	Horizontal
5	9302.2101	-57.65	-51.73	-13.00	38.73	269	128	Horizontal
6	16361.945	-56.75	-42.98	-13.00	29.98	217	194	Horizontal



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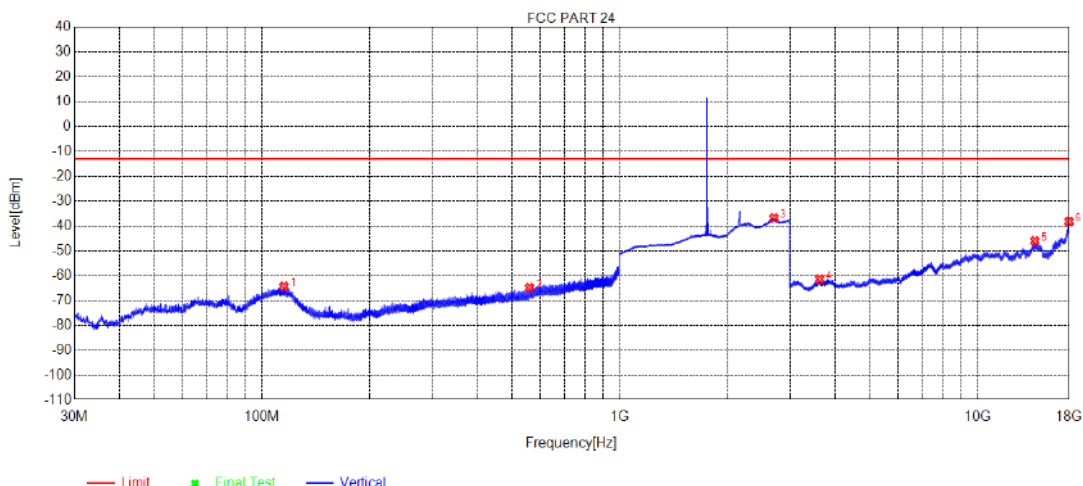
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7.12. Test Band = LTE\_66\_TM1 UP ANT  
7.12.1. Test Channel = High Channel

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	115.4128	-70.32	-64.39	-13.00	51.39	296	150	Vertical
2	560.7620	-70.55	-64.85	-13.00	51.85	198	16	Vertical
3	2701.1402	-68.44	-36.79	-13.00	23.79	222	328	Vertical
4	3617.5206	-52.30	-61.43	-13.00	48.43	216	150	Vertical
5	14467.382	-58.26	-46.01	-13.00	33.01	384	16	Vertical
6	17996.999	-56.03	-38.23	-13.00	25.23	118	291	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	0.80	0.000465	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	2.90	0.001686	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	3.70	0.002151	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-0.20	-0.000115	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-4.90	-0.002808	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-2.30	-0.001318	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	2.60	0.001469	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	2.40	0.001356	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	0.80	0.000452	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	1.20	0.000698	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	2.50	0.001453	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	0.80	0.000465	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-3.50	-0.002006	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-2.20	-0.001261	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-3.50	-0.002006	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	2.00	0.001130	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	0.80	0.000452	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	1.90	0.001073	±2.5	PASS

### 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	4.70	0.002733	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-7.40	-0.004302	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	-12.10	-0.007035	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	-0.80	-0.000465	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-6.60	-0.003837	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	2.50	0.001453	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	7.50	0.004360	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	0.80	0.000465	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	-2.00	-0.001163	±2.5	PASS



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Inspection & Testing Services

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Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-0.70	-0.000401	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	3.60	0.002063	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-9.90	-0.005673	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.10	-0.000057	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-5.00	-0.002865	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-9.30	-0.005330	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-3.90	-0.002235	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	6.30	0.003610	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-8.20	-0.004699	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	-9.50	-0.005367	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-7.10	-0.004011	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	-5.30	-0.002994	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-11.20	-0.006328	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	-8.00	-0.004520	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-1.20	-0.000678	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	-3.10	-0.001751	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	-3.10	-0.001751	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	-5.40	-0.003051	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	-0.10	-0.000058	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	-2.50	-0.001453	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-10	-8.80	-0.005116	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	4.10	0.002384	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	-4.30	-0.002500	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	-2.10	-0.001221	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	30	-2.00	-0.001163	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	40	6.80	0.003953	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	50	0.60	0.000349	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	3.10	0.001777	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-6.10	-0.003496	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	6.10	0.003496	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	0.30	0.000172	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-9.20	-0.005272	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-4.10	-0.002350	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	2.60	0.001490	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	5.60	0.003209	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	1.40	0.000802	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-30	-3.70	-0.002090	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	-5.20	-0.002938	±2.5	PASS



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Band66	20MHz	16QAM	132572	100RB#0	NV	-10	-13.00	-0.007345	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	-6.20	-0.003503	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	-4.30	-0.002429	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	30	-14.10	-0.007966	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	40	-7.80	-0.004407	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	50	-8.90	-0.005028	±2.5	PASS



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