Appendix B

E-UTRA Band 66

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.98	20.98	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.87	20.87	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.57	21.57	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.81	20.81	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#2	22.99	20.99	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.12	21.12	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.08	20.08	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.00	21.00	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.91	20.91	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.69	21.69	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	22.98	20.98	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#2	22.98	20.98	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.15	21.15	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.02	20.02	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.41	21.41	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.22	21.22	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	24.10	22.10	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.34	21.34	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#2	23.40	21.40	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.41	21.41	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.47	20.47	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.30	19.30	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.28	19.28	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.27	19.27	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#0	21.21	19.21	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#2	21.25	19.25	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#3	21.23	19.23	30	PASS

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Band66	1.4MHz	64QAM	131979	6RB#0	20.22	18.22	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.24	19.24	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.24	19.24	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.29	19.29	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#0	21.27	19.27	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#2	21.29	19.29	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#3	21.27	19.27	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.27	18.27	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.24	19.24	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.23	19.23	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.22	19.22	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#0	21.23	19.23	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#2	21.25	19.25	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#3	21.23	19.23	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.20	18.20	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.17	20.17	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.36	20.36	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	23.02	21.02	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.89	19.89	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#2	22.04	20.04	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.01	20.01	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.32	19.32	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.53	20.53	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.58	20.58	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	23.39	21.39	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.18	20.18	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#2	22.15	20.15	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.13	20.13	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.25	19.25	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.96	20.96	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.83	20.83	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	23.59	21.59	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.31	20.31	30	PASS

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Band66	1.4MHz	16QAM	132665	3RB#2	22.36	20.36	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.58	20.58	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.35	19.35	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.06	21.06	30	PASS
Band66	3MHz	QPSK	131987	1RB#7	22.97	20.97	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.76	21.76	30	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.96	19.96	30	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.07	20.07	30	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.07	20.07	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.13	20.13	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.15	21.15	30	PASS
Band66	3MHz	QPSK	132322	1RB#7	22.97	20.97	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.79	21.79	30	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.04	20.04	30	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.15	20.15	30	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.19	20.19	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.10	20.10	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.47	21.47	30	PASS
Band66	3MHz	QPSK	132657	1RB#7	23.35	21.35	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	24.09	22.09	30	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.42	20.42	30	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.42	20.42	30	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.65	20.65	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.56	20.56	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.29	19.29	30	PASS
Band66	3MHz	64QAM	131987	1RB#7	21.22	19.22	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.27	19.27	30	PASS
Band66	3MHz	64QAM	131987	8RB#0	20.20	18.20	30	PASS
Band66	3MHz	64QAM	131987	8RB#4	20.22	18.22	30	PASS
Band66	3MHz	64QAM	131987	8RB#7	20.26	18.26	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.20	18.20	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.20	19.20	30	PASS
Band66	3MHz	64QAM	132322	1RB#7	21.26	19.26	30	PASS

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Band66	3MHz	64QAM	132322	8RB#0	20.20	18.20	30	PASS
Band66	3MHz	64QAM	132322	8RB#4	20.23	18.23	30	PASS
Band66	3MHz	64QAM	132322	8RB#7	20.23	18.23	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.26	18.26	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.21	19.21	30	PASS
Band66	3MHz	64QAM	132657	1RB#7	21.26	19.26	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.27	19.27	30	PASS
Band66	3MHz	64QAM	132657	8RB#0	20.24	18.24	30	PASS
Band66	3MHz	64QAM	132657	8RB#4	20.29	18.29	30	PASS
Band66	3MHz	64QAM	132657	8RB#7	20.24	18.24	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.21	18.21	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.37	20.37	30	PASS
Band66	3MHz	16QAM	131987	1RB#7	22.43	20.43	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	23.15	21.15	30	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.93	18.93	30	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.09	19.09	30	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.05	19.05	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.14	19.14	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.51	20.51	30	PASS
Band66	3MHz	16QAM	132322	1RB#7	22.65	20.65	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	23.47	21.47	30	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.17	19.17	30	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.20	19.20	30	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.20	19.20	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.06	19.06	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.97	20.97	30	PASS
Band66	3MHz	16QAM	132657	1RB#7	22.93	20.93	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.75	21.75	30	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.31	19.31	30	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.51	19.51	30	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.65	19.65	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.49	19.49	30	PASS

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Band66	5MHz	QPSK	131997	1RB#0	23.08	21.08	30	PASS
Band66	5MHz	QPSK	131997	1RB#13	23.02	21.02	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.72	21.72	30	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.09	20.09	30	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.18	20.18	30	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.16	20.16	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.22	20.22	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.19	21.19	30	PASS
Band66	5MHz	QPSK	132322	1RB#13	23.10	21.10	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.85	21.85	30	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.19	20.19	30	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.16	20.16	30	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.24	20.24	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.19	20.19	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.60	21.60	30	PASS
Band66	5MHz	QPSK	132647	1RB#13	23.39	21.39	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	24.15	22.15	30	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.42	20.42	30	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.47	20.47	30	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.71	20.71	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.57	20.57	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.21	19.21	30	PASS
Band66	5MHz	64QAM	131997	1RB#13	21.22	19.22	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.23	19.23	30	PASS
Band66	5MHz	64QAM	131997	12RB#0	20.30	18.30	30	PASS
Band66	5MHz	64QAM	131997	12RB#6	20.30	18.30	30	PASS
Band66	5MHz	64QAM	131997	12RB#13	20.30	18.30	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.29	18.29	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.23	19.23	30	PASS
Band66	5MHz	64QAM	132322	1RB#13	21.20	19.20	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.30	19.30	30	PASS
Band66	5MHz	64QAM	132322	12RB#0	20.28	18.28	30	PASS
Band66	5MHz	64QAM	132322	12RB#6	20.30	18.30	30	PASS

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Band66	5MHz	64QAM	132322	12RB#13	20.23	18.23	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.21	18.21	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.23	19.23	30	PASS
Band66	5MHz	64QAM	132647	1RB#13	21.29	19.29	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	21.29	19.29	30	PASS
Band66	5MHz	64QAM	132647	12RB#0	20.22	18.22	30	PASS
Band66	5MHz	64QAM	132647	12RB#6	20.21	18.21	30	PASS
Band66	5MHz	64QAM	132647	12RB#13	20.30	18.30	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.22	18.22	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.44	20.44	30	PASS
Band66	5MHz	16QAM	131997	1RB#13	22.47	20.47	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	23.15	21.15	30	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.99	18.99	30	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.12	19.12	30	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.21	19.21	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.20	19.20	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.71	20.71	30	PASS
Band66	5MHz	16QAM	132322	1RB#13	22.78	20.78	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	23.60	21.60	30	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.26	19.26	30	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.27	19.27	30	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.34	19.34	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.17	19.17	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.02	21.02	30	PASS
Band66	5MHz	16QAM	132647	1RB#13	23.04	21.04	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.72	21.72	30	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.38	19.38	30	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.50	19.50	30	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.67	19.67	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.57	19.57	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.12	21.12	30	PASS
Band66	10MHz	QPSK	132022	1RB#25	23.18	21.18	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.83	21.83	30	PASS

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Band66	10MHz	QPSK	132022	25RB#0	22.08	20.08	30	PASS
Band66	10MHz	QPSK	132022	25RB#13	22.23	20.23	30	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.25	20.25	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.24	20.24	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.31	21.31	30	PASS
Band66	10MHz	QPSK	132322	1RB#25	23.16	21.16	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.92	21.92	30	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.28	20.28	30	PASS
Band66	10MHz	QPSK	132322	25RB#13	22.24	20.24	30	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.37	20.37	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.24	20.24	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.67	21.67	30	PASS
Band66	10MHz	QPSK	132622	1RB#25	23.51	21.51	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	24.26	22.26	30	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.55	20.55	30	PASS
Band66	10MHz	QPSK	132622	25RB#13	22.60	20.60	30	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.71	20.71	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.70	20.70	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.24	19.24	30	PASS
Band66	10MHz	64QAM	132022	1RB#25	21.28	19.28	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.21	19.21	30	PASS
Band66	10MHz	64QAM	132022	25RB#0	20.23	18.23	30	PASS
Band66	10MHz	64QAM	132022	25RB#13	20.20	18.20	30	PASS
Band66	10MHz	64QAM	132022	25RB#25	20.20	18.20	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.20	18.20	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.29	19.29	30	PASS
Band66	10MHz	64QAM	132322	1RB#25	21.27	19.27	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.22	19.22	30	PASS
Band66	10MHz	64QAM	132322	25RB#0	20.26	18.26	30	PASS
Band66	10MHz	64QAM	132322	25RB#13	20.28	18.28	30	PASS
Band66	10MHz	64QAM	132322	25RB#25	20.24	18.24	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.22	18.22	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.24	19.24	30	PASS

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Band66	10MHz	64QAM	132622	1RB#25	21.25	19.25	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.21	19.21	30	PASS
Band66	10MHz	64QAM	132622	25RB#0	20.20	18.20	30	PASS
Band66	10MHz	64QAM	132622	25RB#13	20.27	18.27	30	PASS
Band66	10MHz	64QAM	132622	25RB#25	20.28	18.28	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.27	18.27	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.47	20.47	30	PASS
Band66	10MHz	16QAM	132022	1RB#25	22.53	20.53	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.06	21.06	30	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.08	19.08	30	PASS
Band66	10MHz	16QAM	132022	25RB#13	21.18	19.18	30	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.25	19.25	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.26	19.26	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.74	20.74	30	PASS
Band66	10MHz	16QAM	132322	1RB#25	22.82	20.82	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.01	21.01	30	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.33	19.33	30	PASS
Band66	10MHz	16QAM	132322	25RB#13	21.37	19.37	30	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.39	19.39	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.32	19.32	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	23.09	21.09	30	PASS
Band66	10MHz	16QAM	132622	1RB#25	23.04	21.04	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	23.22	21.22	30	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.48	19.48	30	PASS
Band66	10MHz	16QAM	132622	25RB#13	21.65	19.65	30	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.77	19.77	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.63	19.63	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.21	21.21	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.28	21.28	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.92	21.92	30	PASS
Band66	15MHz	QPSK	132047	36RB#0	22.19	20.19	30	PASS
Band66	15MHz	QPSK	132047	36RB#18	22.33	20.33	30	PASS
Band66	15MHz	QPSK	132047	36RB#39	22.37	20.37	30	PASS

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Band66	15MHz	QPSK	132322	1RB#0	23.39	21.39	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.26	21.26	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.98	21.98	30	PASS
Band66	15MHz	QPSK	132322	36RB#0	22.32	20.32	30	PASS
Band66	15MHz	QPSK	132322	36RB#18	22.33	20.33	30	PASS
Band66	15MHz	QPSK	132322	36RB#39	22.49	20.49	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.32	20.32	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.75	21.75	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.54	21.54	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	24.34	22.34	30	PASS
Band66	15MHz	QPSK	132597	36RB#0	22.66	20.66	30	PASS
Band66	15MHz	QPSK	132597	36RB#18	22.71	20.71	30	PASS
Band66	15MHz	QPSK	132597	36RB#39	22.78	20.78	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.77	20.77	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.22	19.22	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.30	19.30	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.20	19.20	30	PASS
Band66	15MHz	64QAM	132047	36RB#0	20.29	18.29	30	PASS
Band66	15MHz	64QAM	132047	36RB#18	20.28	18.28	30	PASS
Band66	15MHz	64QAM	132047	36RB#39	20.23	18.23	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.30	18.30	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.25	19.25	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.23	19.23	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.30	19.30	30	PASS
Band66	15MHz	64QAM	132322	36RB#0	20.22	18.22	30	PASS
Band66	15MHz	64QAM	132322	36RB#18	20.20	18.20	30	PASS
Band66	15MHz	64QAM	132322	36RB#39	20.24	18.24	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.28	18.28	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.28	19.28	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.30	19.30	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.30	19.30	30	PASS
Band66	15MHz	64QAM	132597	36RB#0	20.27	18.27	30	PASS

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Band66	15MHz	64QAM	132597	36RB#39	20.25	18.25	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.20	18.20	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.57	20.57	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.63	20.63	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	23.02	21.02	30	PASS
Band66	15MHz	16QAM	132047	36RB#0	21.16	19.16	30	PASS
Band66	15MHz	16QAM	132047	36RB#18	21.27	19.27	30	PASS
Band66	15MHz	16QAM	132047	36RB#39	21.32	19.32	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.31	19.31	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.78	20.78	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.92	20.92	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	23.14	21.14	30	PASS
Band66	15MHz	16QAM	132322	36RB#0	21.43	19.43	30	PASS
Band66	15MHz	16QAM	132322	36RB#18	21.40	19.40	30	PASS
Band66	15MHz	16QAM	132322	36RB#39	21.51	19.51	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.36	19.36	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.19	21.19	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.11	21.11	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	23.08	21.08	30	PASS
Band66	15MHz	16QAM	132597	36RB#0	21.60	19.60	30	PASS
Band66	15MHz	16QAM	132597	36RB#18	21.68	19.68	30	PASS
Band66	15MHz	16QAM	132597	36RB#39	21.86	19.86	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.68	19.68	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.31	21.31	30	PASS
Band66	20MHz	QPSK	132072	1RB#50	23.34	21.34	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	24.00	22.00	30	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.28	20.28	30	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.41	20.41	30	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.44	20.44	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.42	20.42	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.45	21.45	30	PASS
Band66	20MHz	QPSK	132322	1RB#50	23.35	21.35	30	PASS

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Band66	20MHz	QPSK	132322	1RB#99	24.09	22.09	30	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.40	20.40	30	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.42	20.42	30	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.56	20.56	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.42	20.42	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.80	21.80	30	PASS
Band66	20MHz	QPSK	132572	1RB#50	23.65	21.65	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	24.43	22.43	30	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.71	20.71	30	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.76	20.76	30	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.87	20.87	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.84	20.84	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.24	19.24	30	PASS
Band66	20MHz	64QAM	132072	1RB#50	21.22	19.22	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.25	19.25	30	PASS
Band66	20MHz	64QAM	132072	50RB#0	20.21	18.21	30	PASS
Band66	20MHz	64QAM	132072	50RB#25	20.24	18.24	30	PASS
Band66	20MHz	64QAM	132072	50RB#50	20.21	18.21	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.29	18.29	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.29	19.29	30	PASS
Band66	20MHz	64QAM	132322	1RB#50	21.27	19.27	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.21	19.21	30	PASS
Band66	20MHz	64QAM	132322	50RB#0	20.30	18.30	30	PASS
Band66	20MHz	64QAM	132322	50RB#25	20.25	18.25	30	PASS
Band66	20MHz	64QAM	132322	50RB#50	20.28	18.28	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.24	18.24	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.22	19.22	30	PASS
Band66	20MHz	64QAM	132572	1RB#50	21.21	19.21	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.22	19.22	30	PASS
Band66	20MHz	64QAM	132572	50RB#0	20.25	18.25	30	PASS
Band66	20MHz	64QAM	132572	50RB#25	20.20	18.20	30	PASS
Band66	20MHz	64QAM	132572	50RB#50	20.22	18.22	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.25	18.25	30	PASS

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Band66	20MHz	16QAM	132072	1RB#0	22.67	20.67	30	PASS
Band66	20MHz	16QAM	132072	1RB#50	22.72	20.72	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	23.01	21.01	30	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.24	19.24	30	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.36	19.36	30	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.41	19.41	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.42	19.42	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.89	20.89	30	PASS
Band66	20MHz	16QAM	132322	1RB#50	22.98	20.98	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.05	21.05	30	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.49	19.49	30	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.48	19.48	30	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.56	19.56	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.47	19.47	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.96	20.96	30	PASS
Band66	20MHz	16QAM	132572	1RB#50	23.01	21.01	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.90	20.90	30	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.68	19.68	30	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.79	19.79	30	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.96	19.96	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.79	19.79	30	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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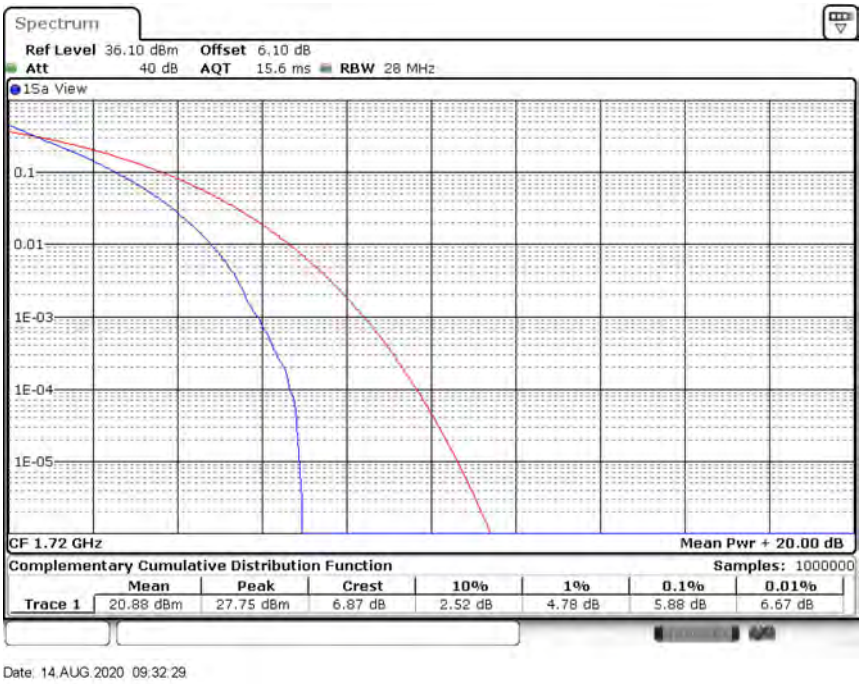
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.88	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.74	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.83	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.70	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.58	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.67	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.61	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.49	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.52	13	PASS

2.2. Test Plots

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



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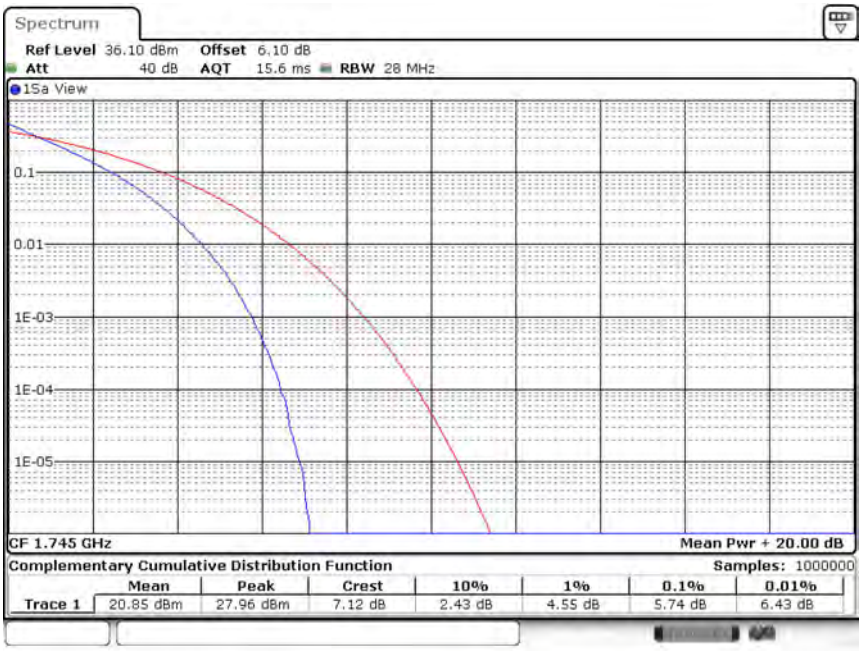
Band66-20MHz-QPSK-132322-100RB#0



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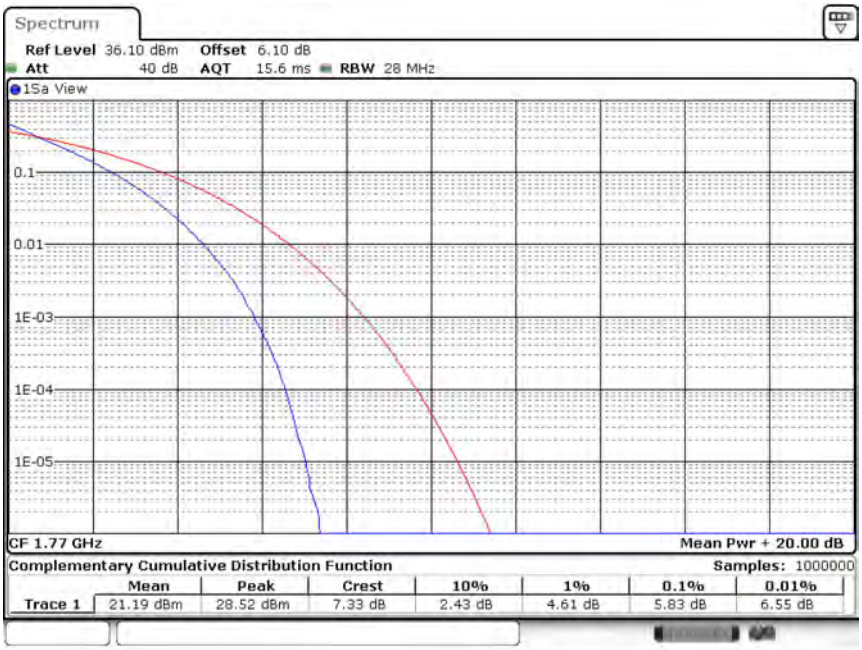
Band66-20MHz-QPSK-132572-100RB#0



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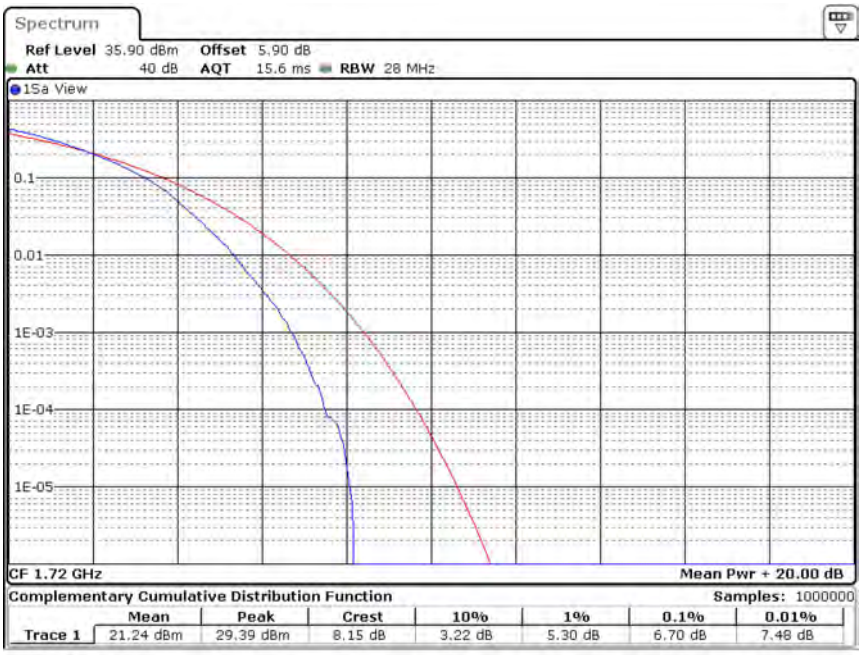
Band66-20MHz-64QAM-132072-100RB#0



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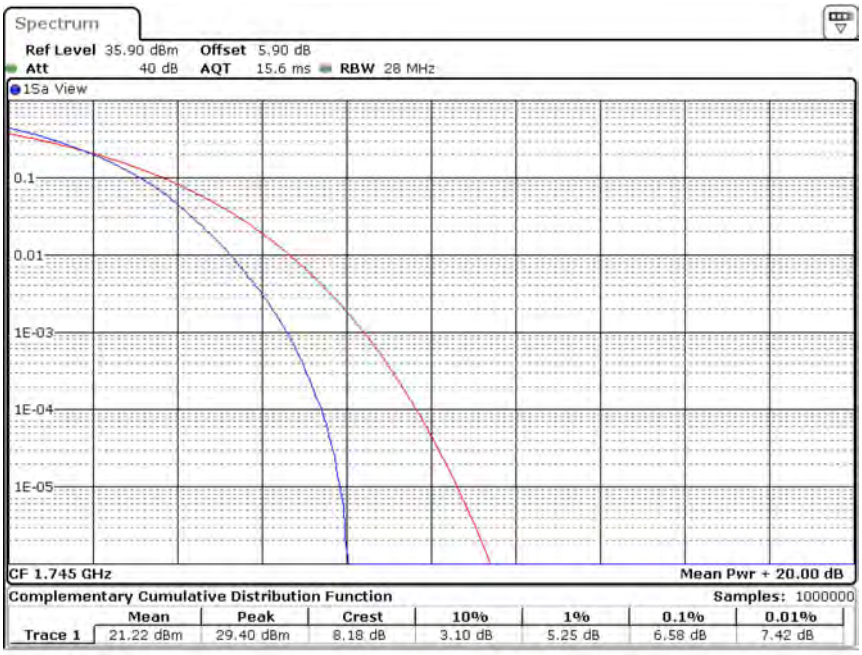
Band66-20MHz-64QAM-132322-100RB#0



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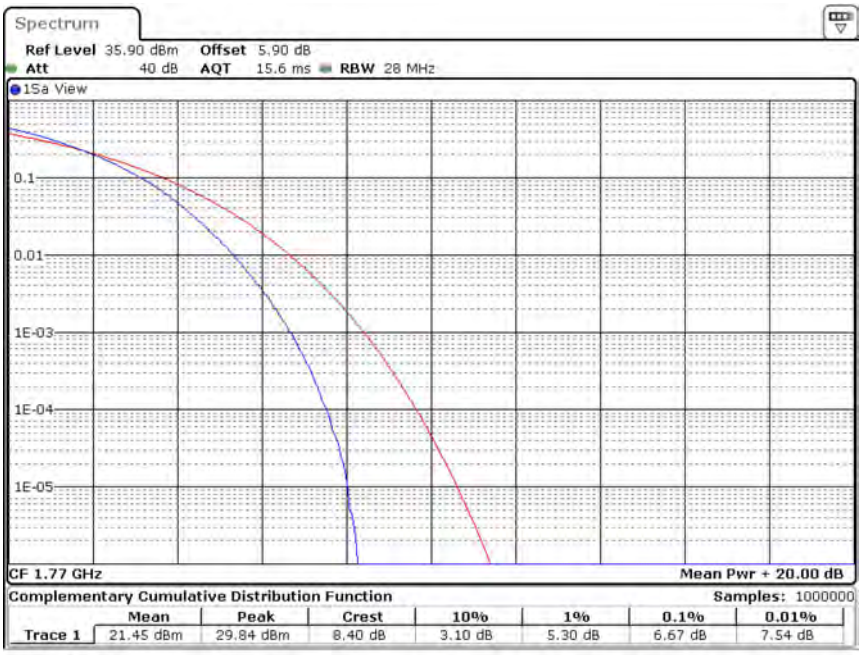

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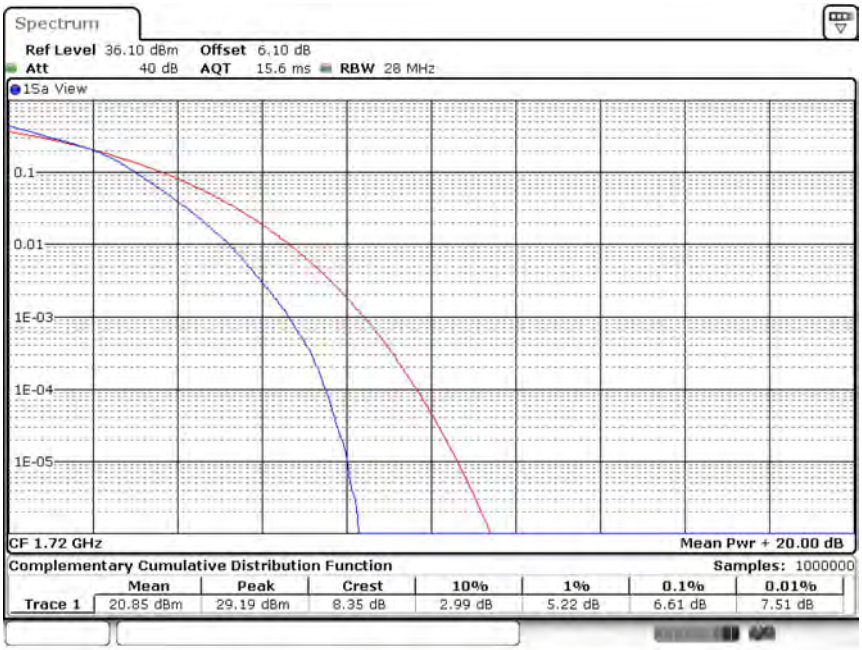
Band66-20MHz-16QAM-132072-100RB#0



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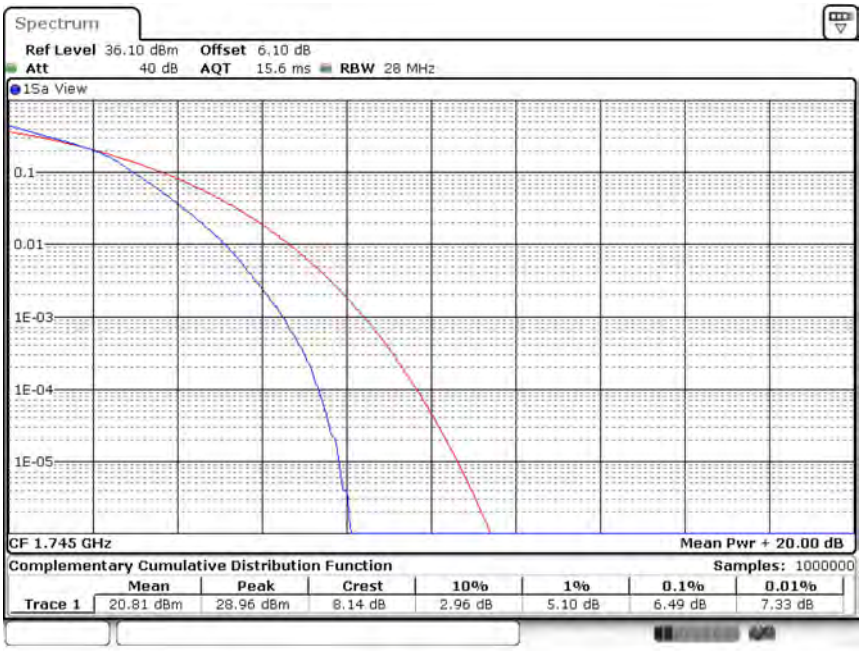

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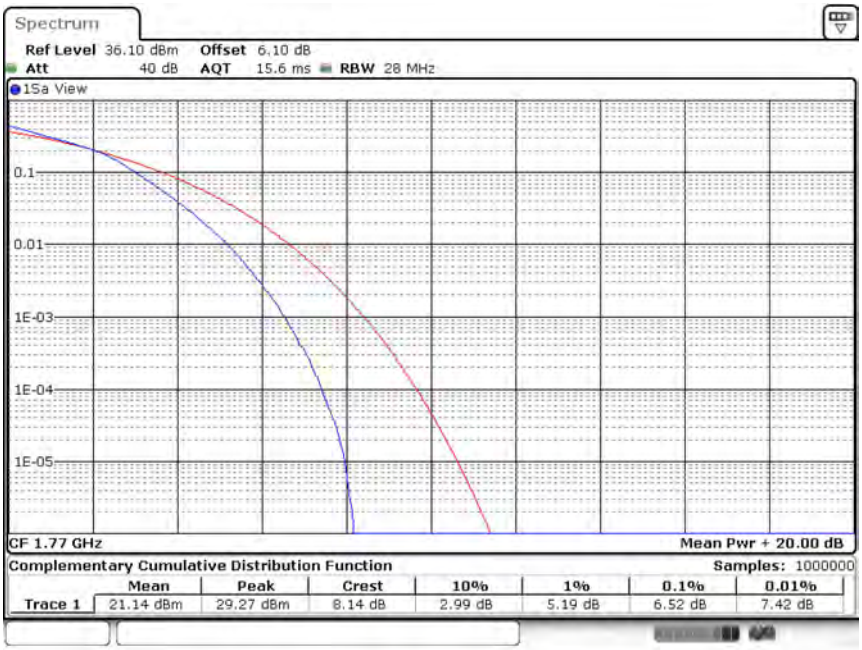
Band66-20MHz-16QAM-132572-100RB#0



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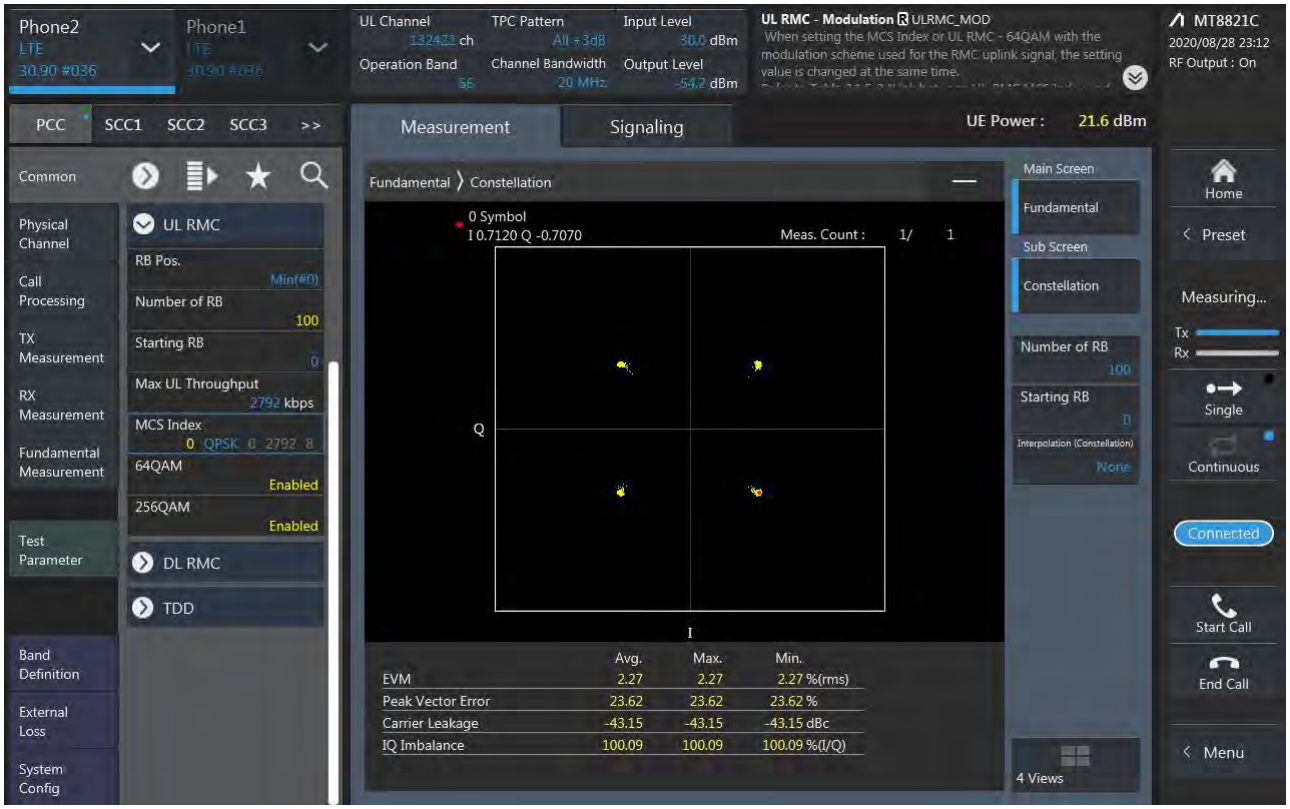
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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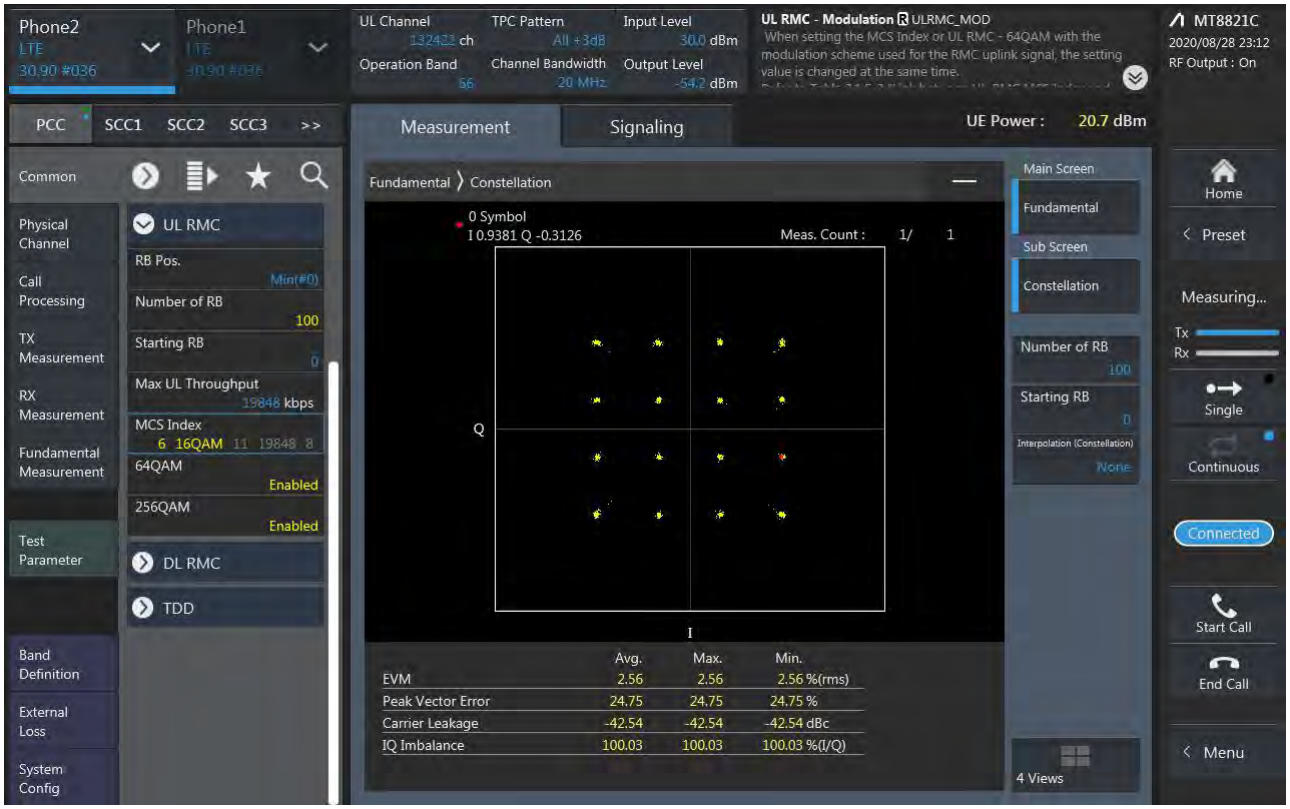
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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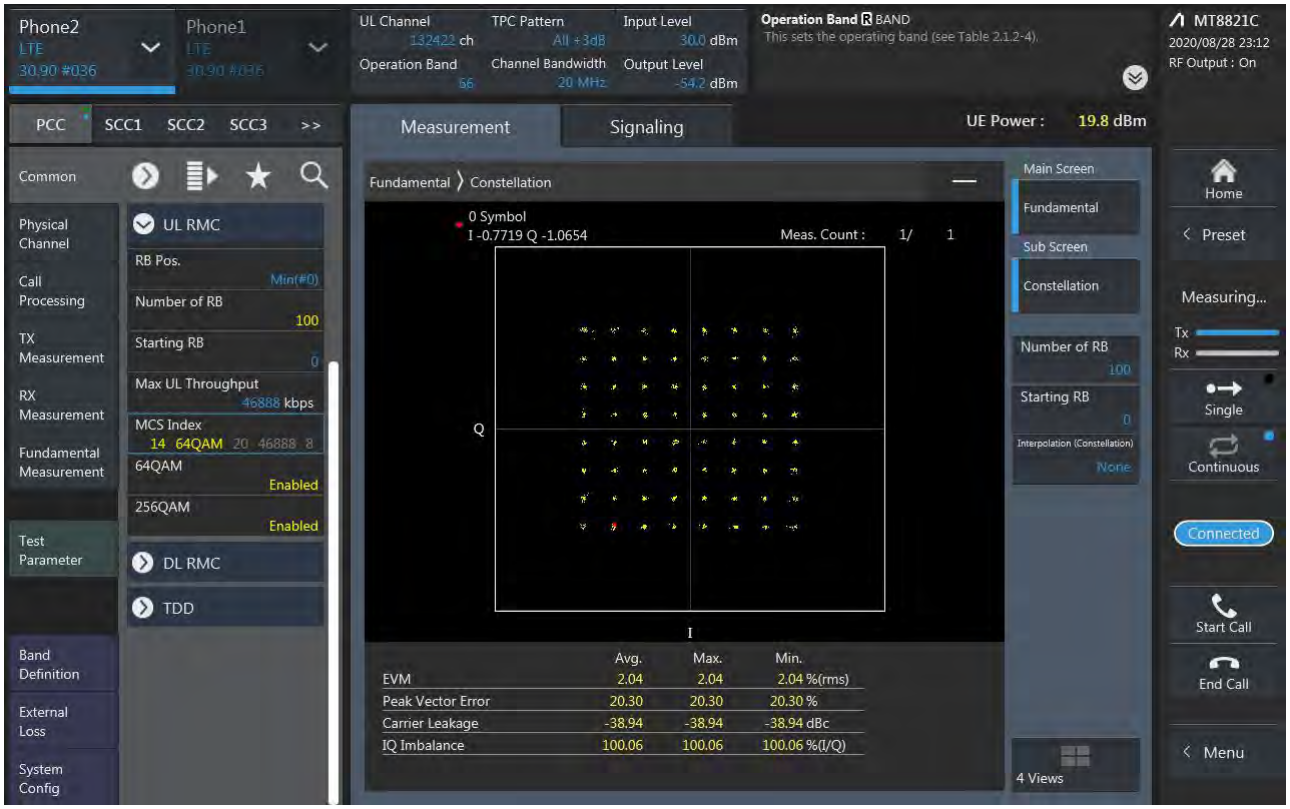
3.3. Test Mode = LTE /TM3 20MHz

3.3.1.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	1.290	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.094	1.296	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.094	1.281	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.097	1.296	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.1	1.302	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.088	1.293	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.088	1.296	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.091	1.299	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.697	2.988	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.697	2.994	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.697	2.988	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.691	2.976	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.691	2.988	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.697	2.964	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.691	2.970	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.976	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.685	2.970	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	4.940	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.940	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	4.950	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.476	4.910	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.476	4.890	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	4.920	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.476	4.960	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.476	4.960	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.496	4.950	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.931	9.780	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.720	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.951	9.780	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.911	9.660	PASS

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Band66	10MHz	64QAM	132322	50RB#0	8.931	9.680	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.931	9.700	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.911	9.740	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.931	9.760	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.931	9.760	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.516	14.790	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.487	14.700	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.487	14.850	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.457	14.910	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.427	14.850	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.457	14.700	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.487	14.820	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.457	14.790	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.487	14.790	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.942	19.520	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.902	19.400	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.902	19.400	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.862	19.480	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.902	19.480	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.902	19.480	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.902	19.440	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.902	19.480	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.902	19.400	PASS

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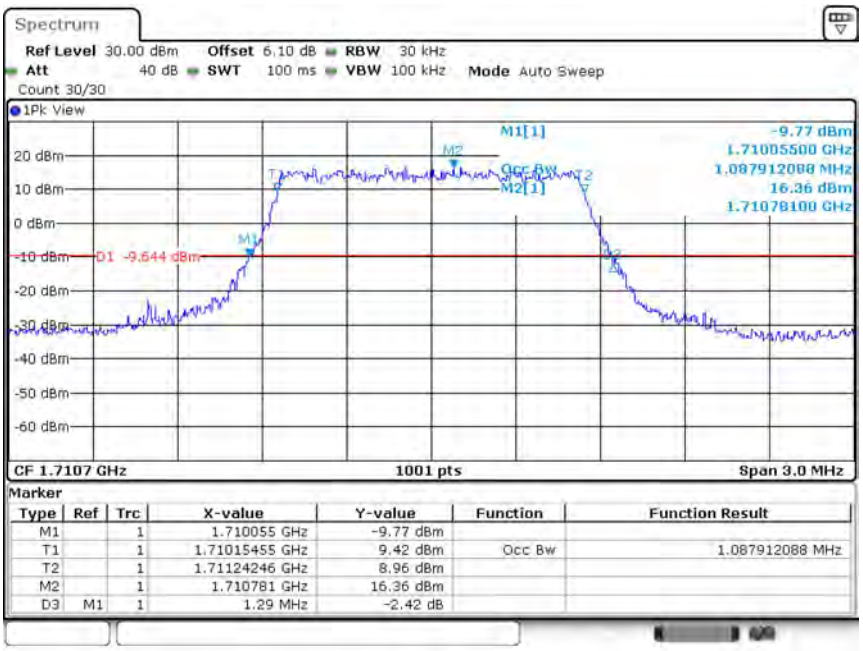
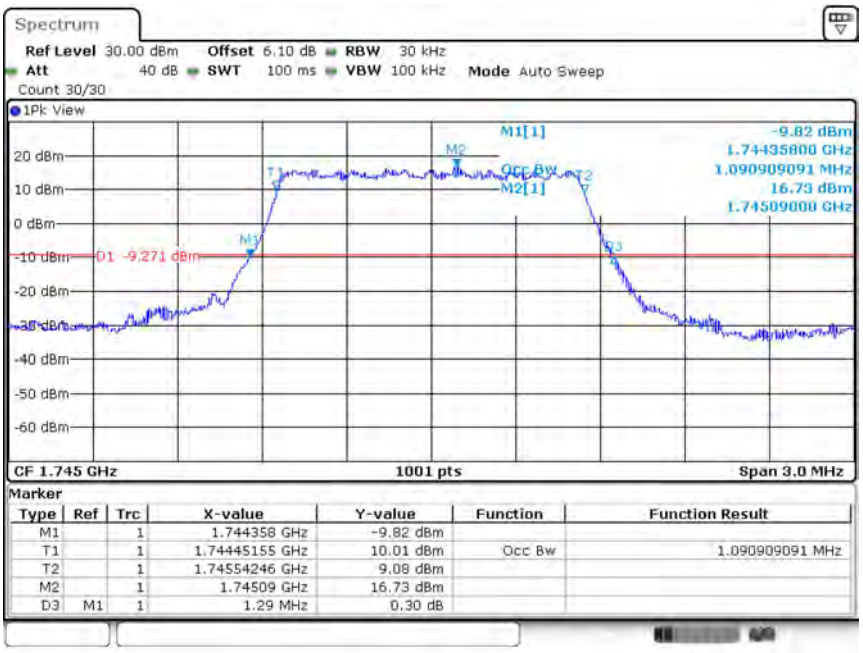
4.2. Test Plots

Band66-1.4MHz-QPSK-131979-6RB#0-1.088



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



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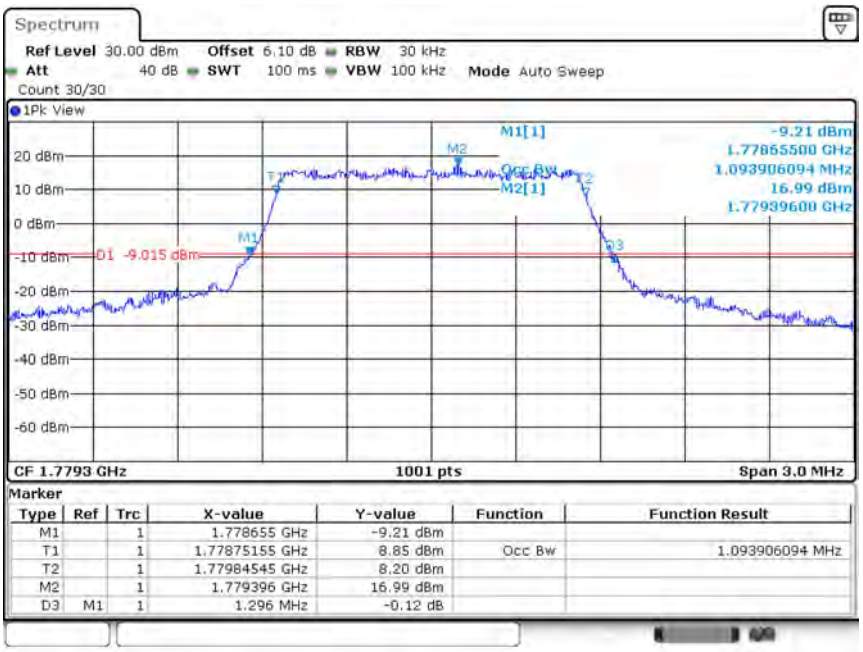
Band66-1.4MHz-QPSK-132665-6RB#0-1.094



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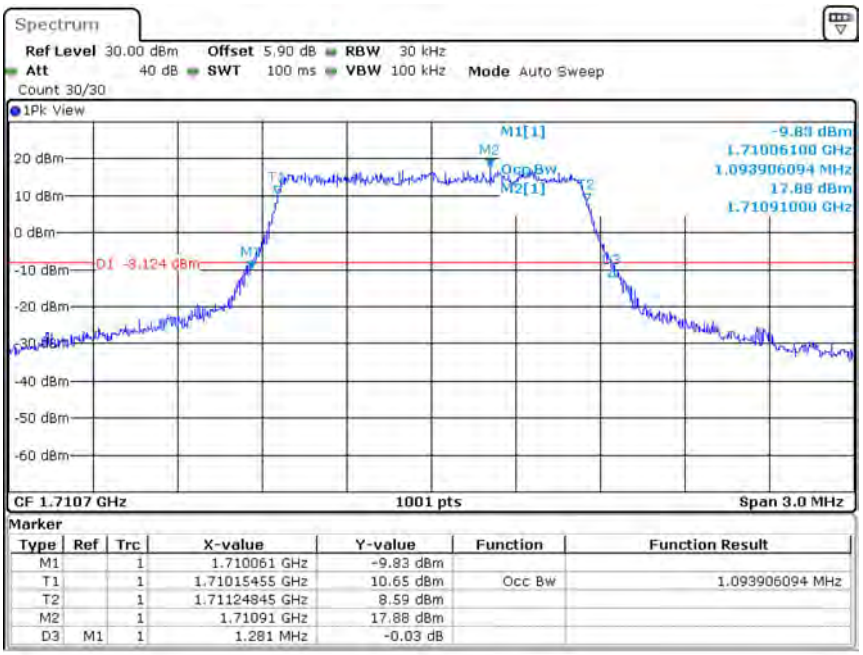
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.778655 GHz	-9.21 dBm		
T1		1	1.77875155 GHz	8.85 dBm	Occ Bw	1.093906094 MHz
T2		1	1.77984545 GHz	8.20 dBm		
M2		1	1.779396 GHz	16.99 dBm		
D3	M1	1	1.296 MHz	-0.12 dB		

Date: 14.AUG.2020 09:03:19

Band66-1.4MHz-64QAM-131979-6RB#0-1.094



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710061 GHz	-9.83 dBm		
T1		1	1.71015455 GHz	10.65 dBm	Occ Bw	1.093906094 MHz
T2		1	1.71124845 GHz	8.59 dBm		
M2		1	1.71091 GHz	17.88 dBm		
D3	M1	1	1.281 MHz	-0.03 dB		

Date: 28.AUG.2020 21:28:27

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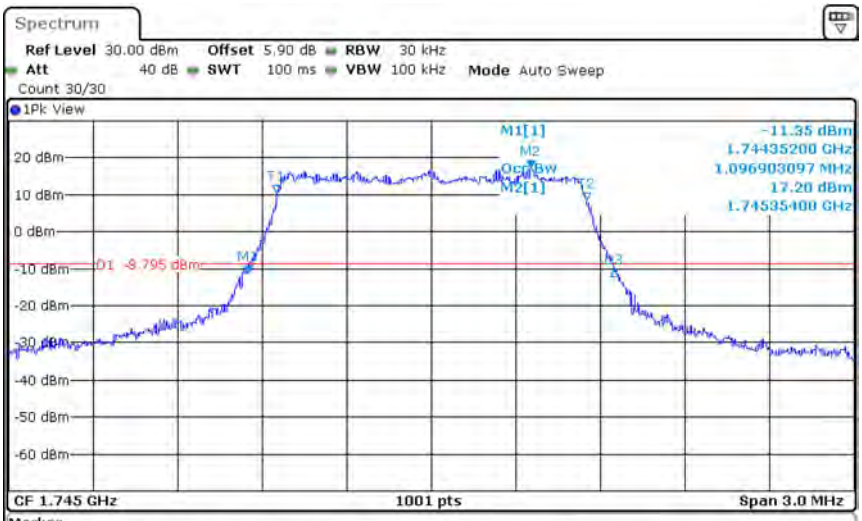
Band66-1.4MHz-64QAM-132322-6RB#0-1.097



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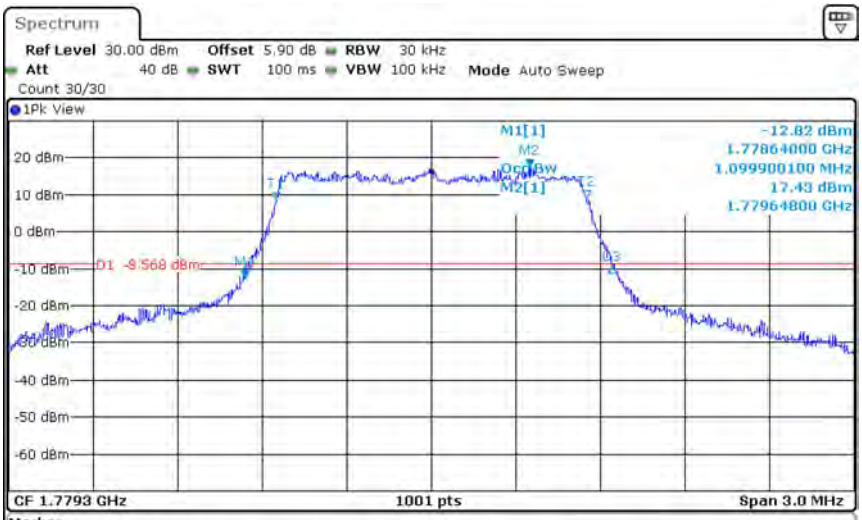
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.744352 GHz	-11.35 dBm		
T1		1	1.74445155 GHz	10.40 dBm	Occ Bw	1.096903097 MHz
T2		1	1.74554845 GHz	8.50 dBm		
M2		1	1.745354 GHz	17.20 dBm		
D3	M1	1	1.296 MHz	1.26 dB		

Date: 28.AUG.2020 21:28:40

Band66-1.4MHz-64QAM-132665-6RB#0-1.1



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77864 GHz	-12.82 dBm		
T1		1	1.77875155 GHz	8.62 dBm	Occ Bw	1.0999001 MHz
T2		1	1.77985145 GHz	9.16 dBm		
M2		1	1.779648 GHz	17.43 dBm		
D3	M1	1	1.302 MHz	3.71 dB		

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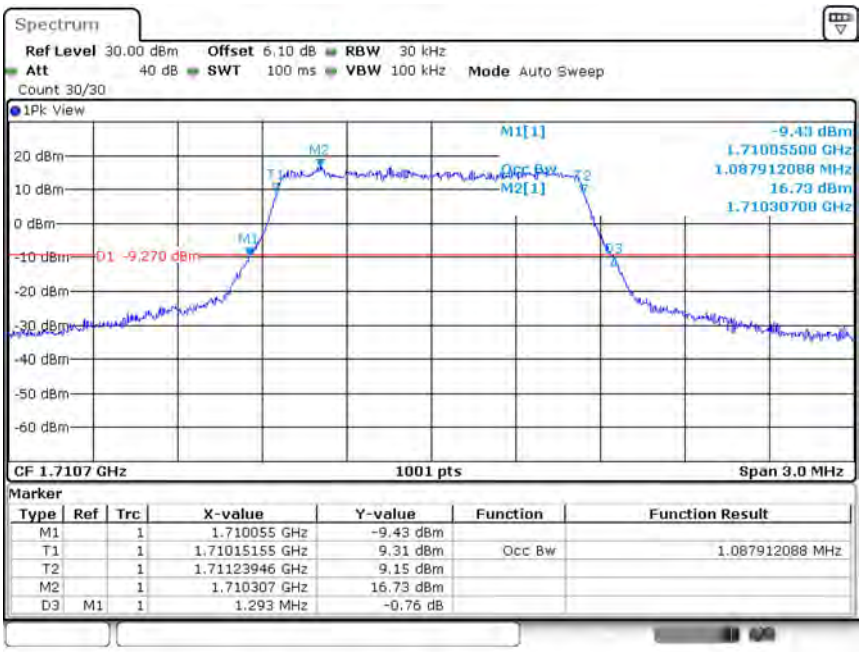
Band66-1.4MHz-16QAM-131979-6RB#0-1.088



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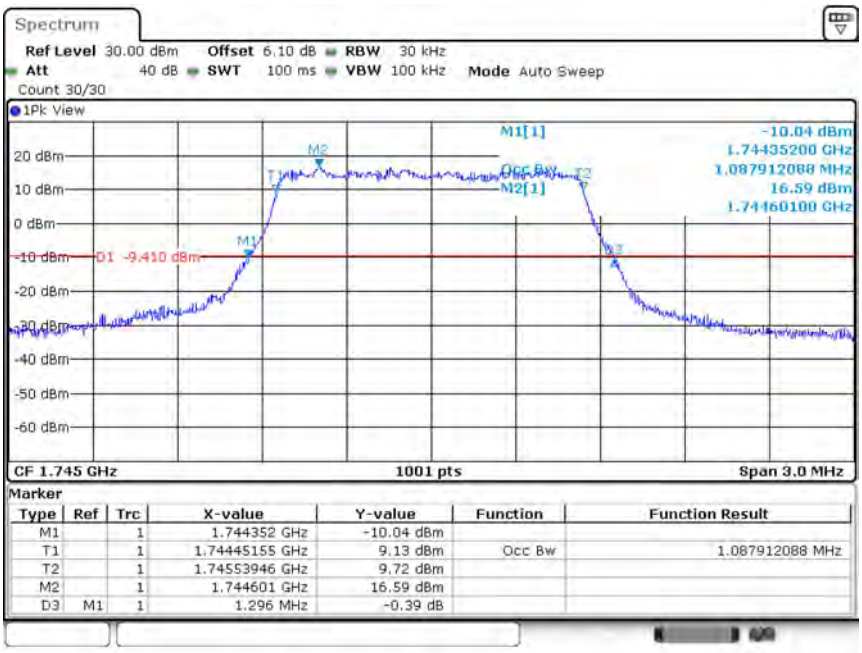
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710055 GHz	-9.43 dBm		
T1		1	1.71015155 GHz	9.31 dBm	Occ Bw	1.087912088 MHz
T2		1	1.71123946 GHz	9.15 dBm		
M2		1	1.710307 GHz	16.73 dBm		
D3	M1	1	1.293 MHz	-0.76 dB		

Date: 14.AUG.2020 09:02:40

Band66-1.4MHz-16QAM-132322-6RB#0-1.088



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.744352 GHz	-10.04 dBm		
T1		1	1.74445155 GHz	9.13 dBm	Occ Bw	1.087912088 MHz
T2		1	1.74553946 GHz	9.72 dBm		
M2		1	1.744601 GHz	16.59 dBm		
D3	M1	1	1.296 MHz	-0.39 dB		

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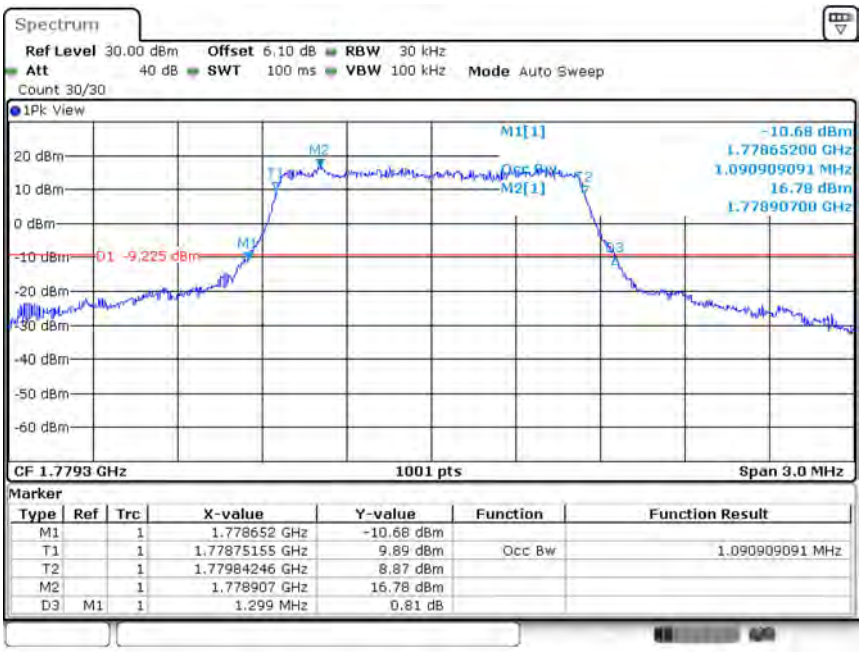
Band66-1.4MHz-16QAM-132665-6RB#0-1.091



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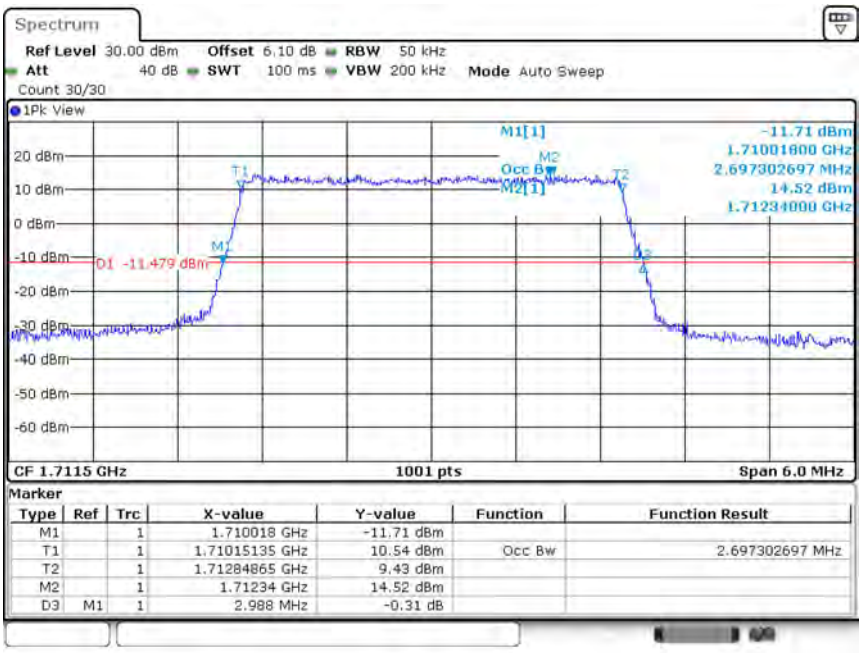

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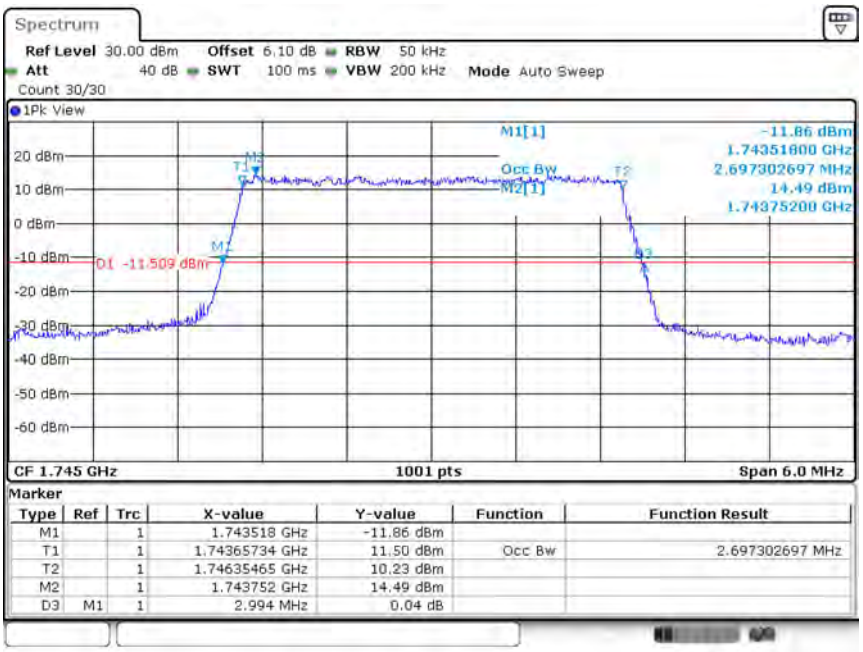
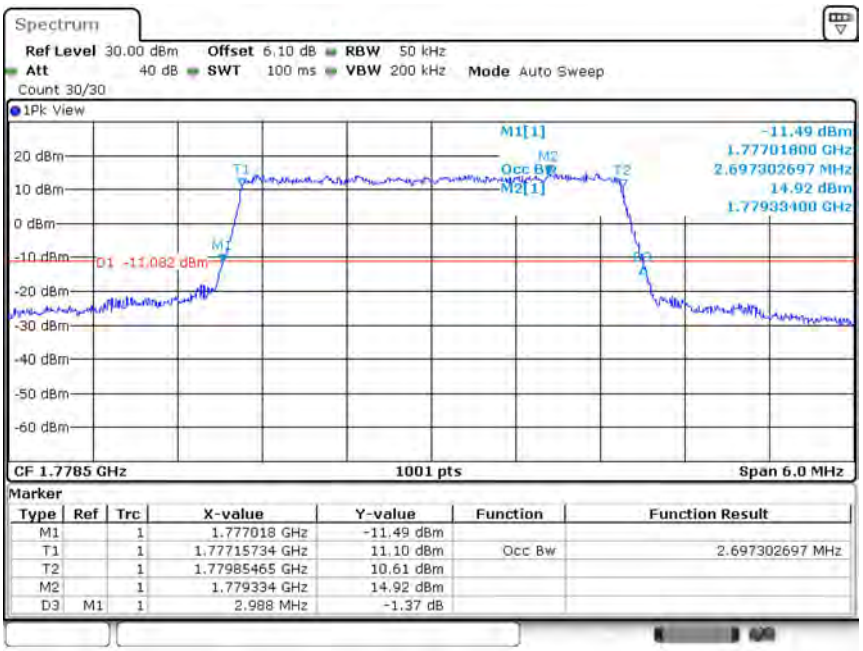
Band66-3MHz-QPSK-132322-15RB#0-2.697



Date: 14.AUG.2020 09:04:17

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



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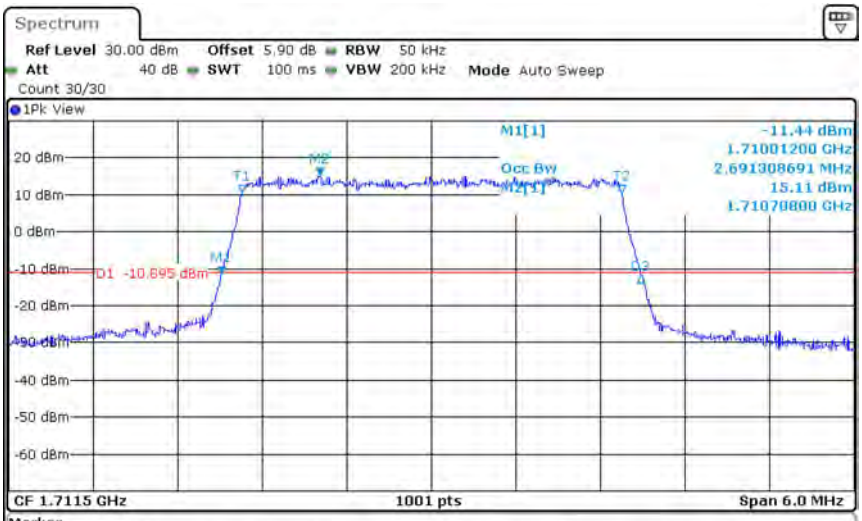
Band66-3MHz-64QAM-131987-15RB#0-2.691

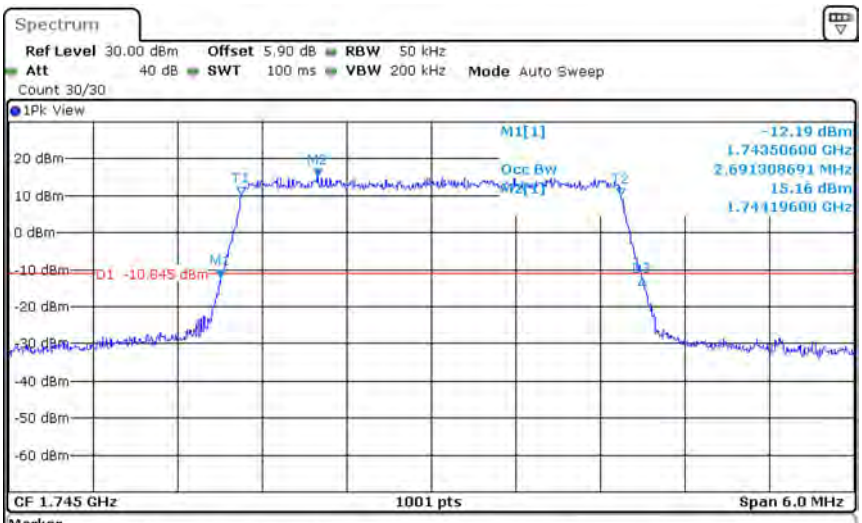


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710012 GHz	-11.44 dBm		
T1		1	1.71015734 GHz	10.64 dBm	Occ Bw	2.691308691 MHz
T2		1	1.71284865 GHz	10.44 dBm		
M2		1	1.710708 GHz	15.11 dBm		
D3	M1	1	2.976 MHz	-0.55 dB		

Date: 28.AUG.2020 21:29:12

Band66-3MHz-64QAM-132322-15RB#0-2.691



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.743506 GHz	-12.19 dBm		
T1		1	1.74365135 GHz	10.29 dBm	Occ Bw	2.691308691 MHz
T2		1	1.74634266 GHz	10.06 dBm		
M2		1	1.744196 GHz	15.16 dBm		
D3	M1	1	2.988 MHz	-0.08 dB		

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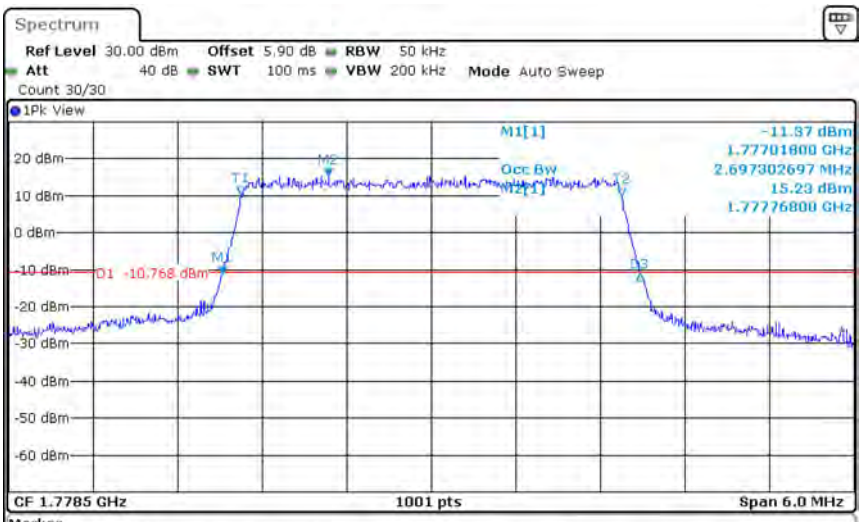
Band66-3MHz-64QAM-132657-15RB#0-2.697



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.777018 GHz	-11.37 dBm		
T1		1	1.77715135 GHz	10.35 dBm	Occ Bw	2.697302697 MHz
T2		1	1.77984865 GHz	9.86 dBm		
M2		1	1.777768 GHz	15.23 dBm		
D3	M1	1	2.964 MHz	0.48 dB		

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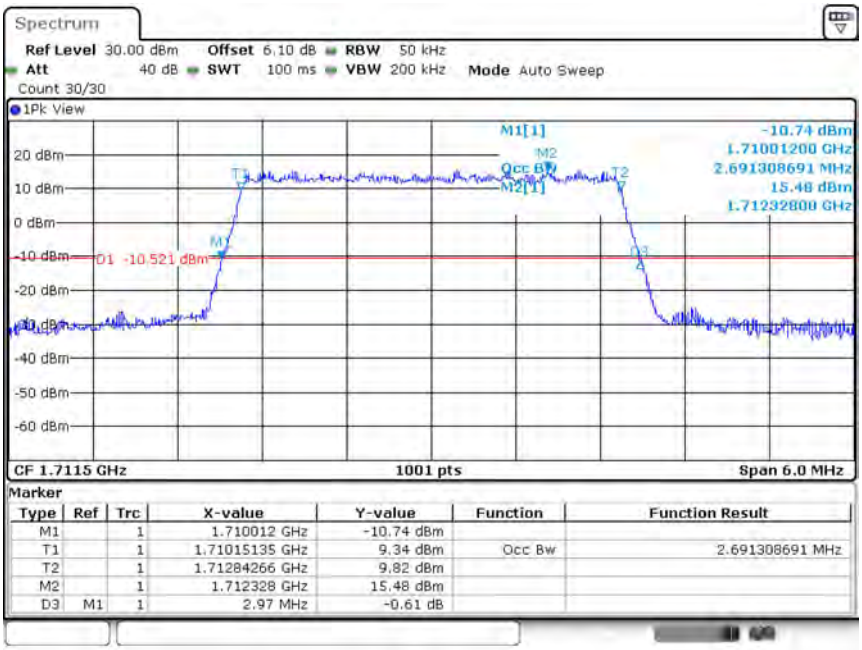
Band66-3MHz-16QAM-131987-15RB#0-2.691



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710012 GHz	-10.74 dBm		
T1		1	1.71015135 GHz	9.34 dBm	Occ Bw	2.691308691 MHz
T2		1	1.71284266 GHz	9.82 dBm		
M2		1	1.712328 GHz	15.48 dBm		
D3	M1	1	2.97 MHz	-0.61 dB		

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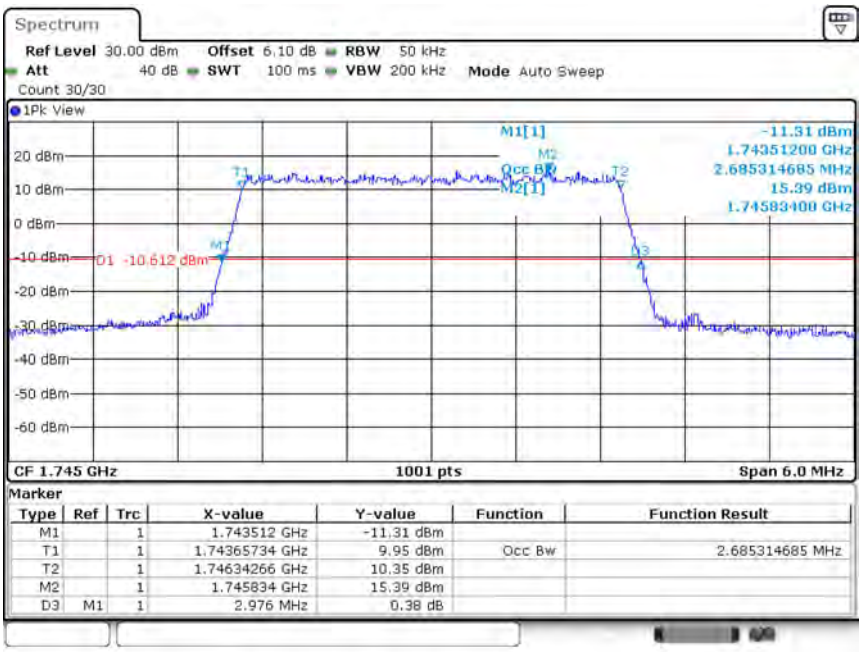
Band66-3MHz-16QAM-132322-15RB#0-2.685



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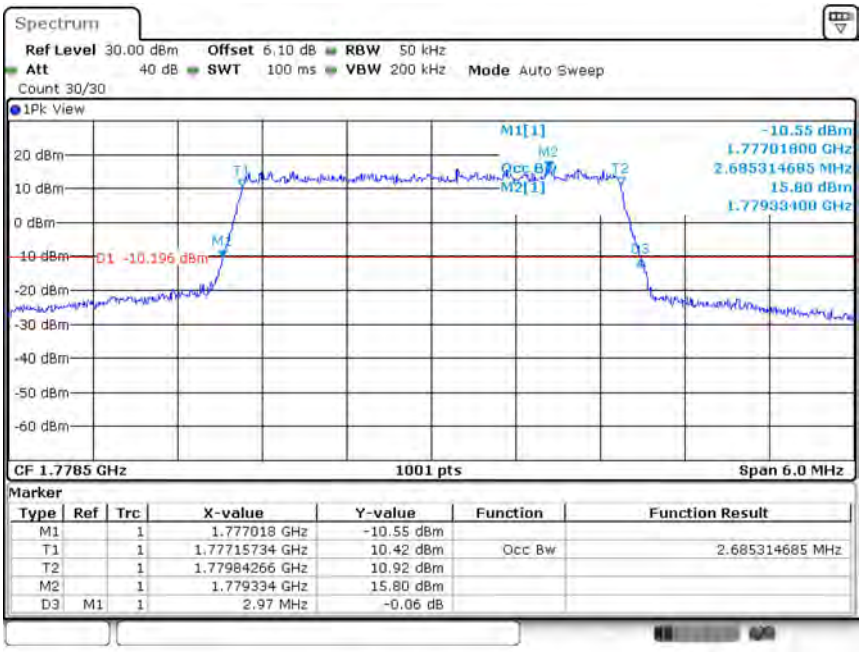
Band66-3MHz-16QAM-132657-15RB#0-2.685



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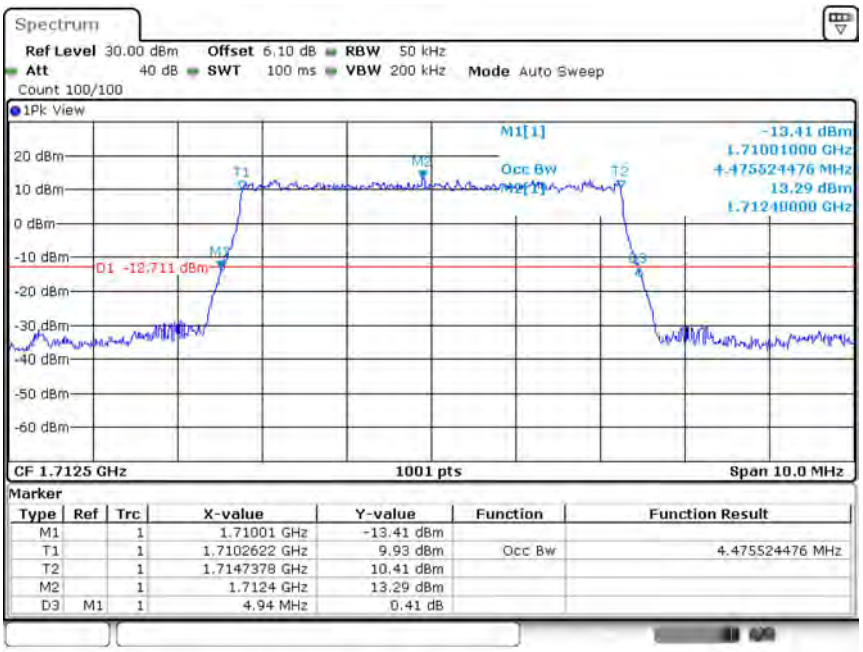
Band66-5MHz-QPSK-131997-25RB#0-4.476

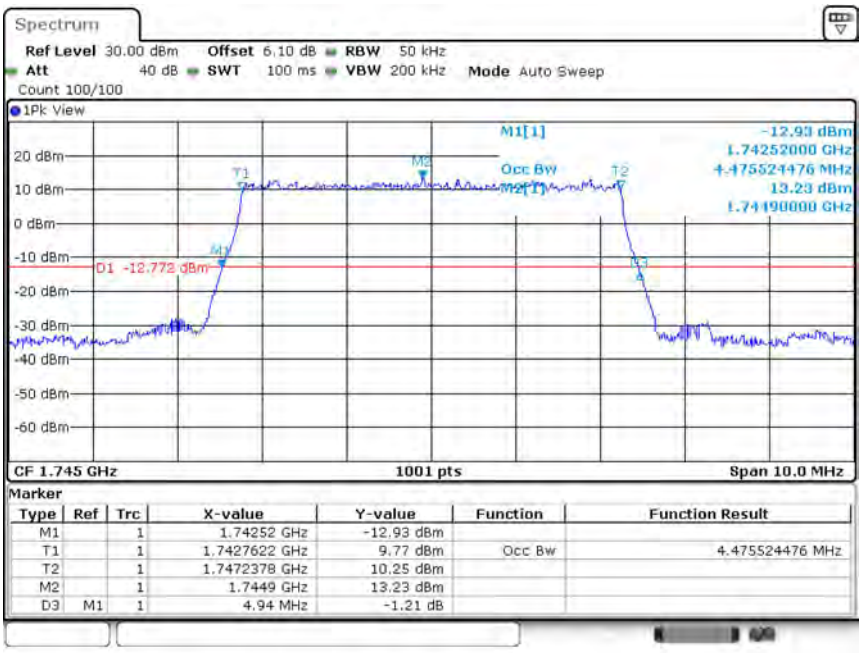


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71001 GHz	-13.41 dBm		
T1		1	1.7102622 GHz	9.93 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7147378 GHz	10.41 dBm		
M2		1	1.7124 GHz	13.29 dBm		
D3	M1	1	4.94 MHz	0.41 dB		

Date: 14.AUG.2020 09:05:20

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74252 GHz	-12.93 dBm		
T1		1	1.7427622 GHz	9.77 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7472378 GHz	10.25 dBm		
M2		1	1.7449 GHz	13.23 dBm		
D3	M1	1	4.94 MHz	-1.21 dB		

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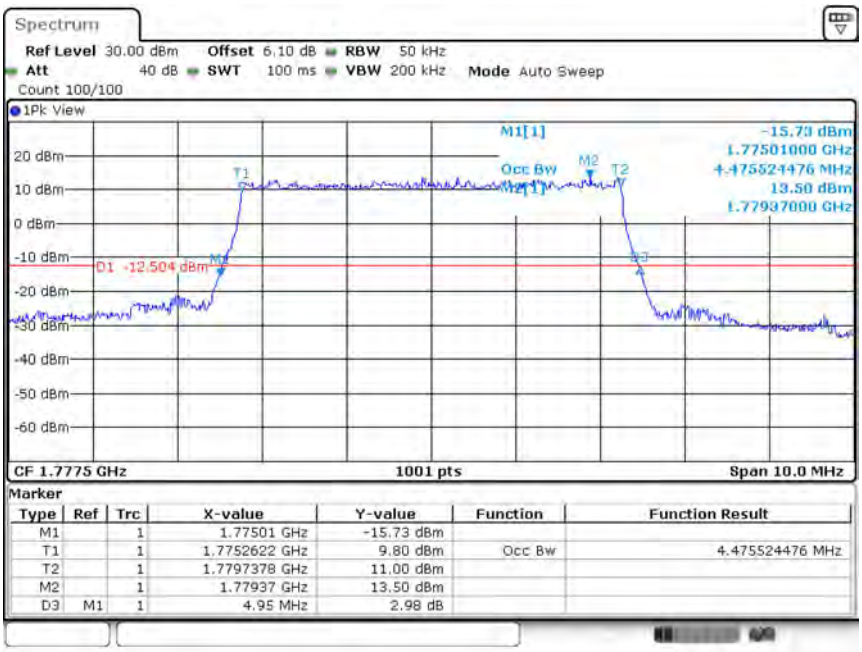
Band66-5MHz-QPSK-132647-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77501 GHz	-15.73 dBm		
T1		1	1.7752622 GHz	9.80 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7797378 GHz	11.00 dBm		
M2		1	1.77937 GHz	13.50 dBm		
D3	M1	1	4.95 MHz	2.98 dB		

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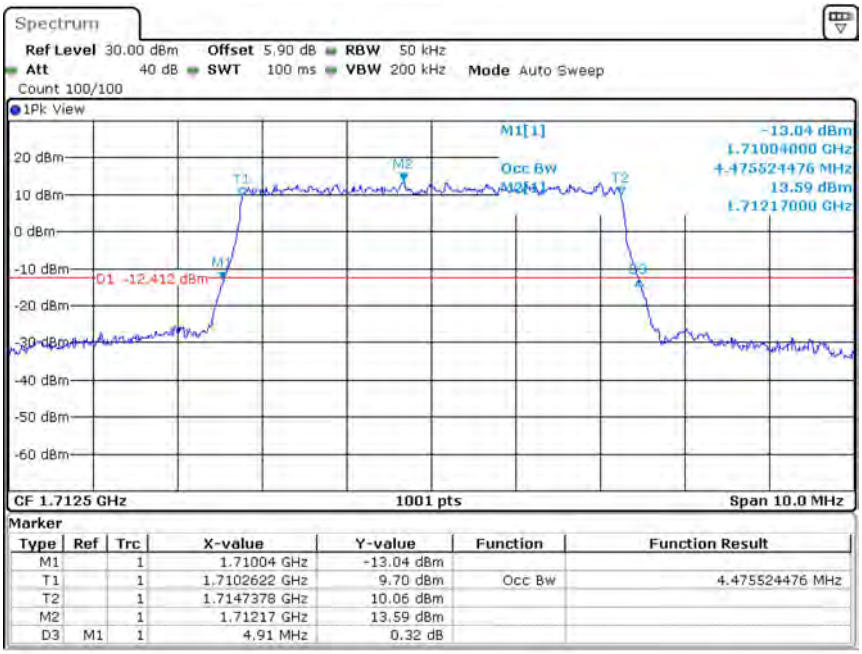
Band66-5MHz-64QAM-131997-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71004 GHz	-13.04 dBm		
T1		1	1.7102622 GHz	9.70 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7147378 GHz	10.06 dBm		
M2		1	1.71217 GHz	13.59 dBm		
D3	M1	1	4.91 MHz	0.32 dB		

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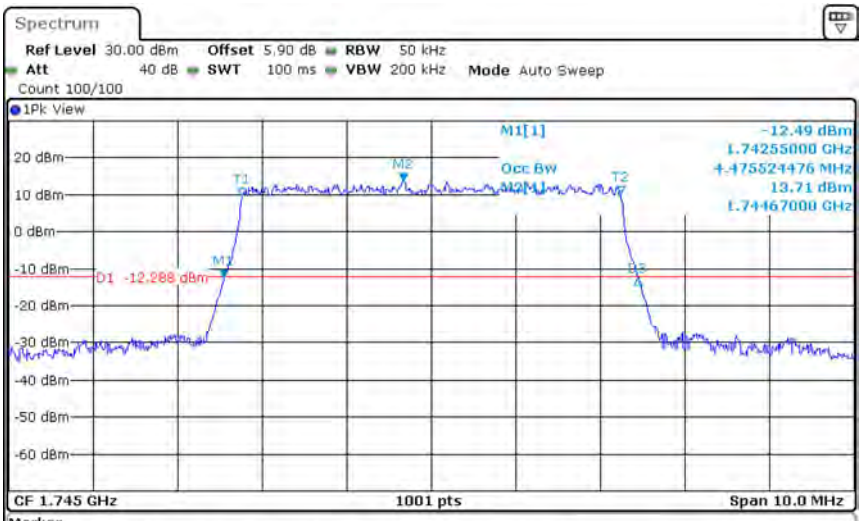

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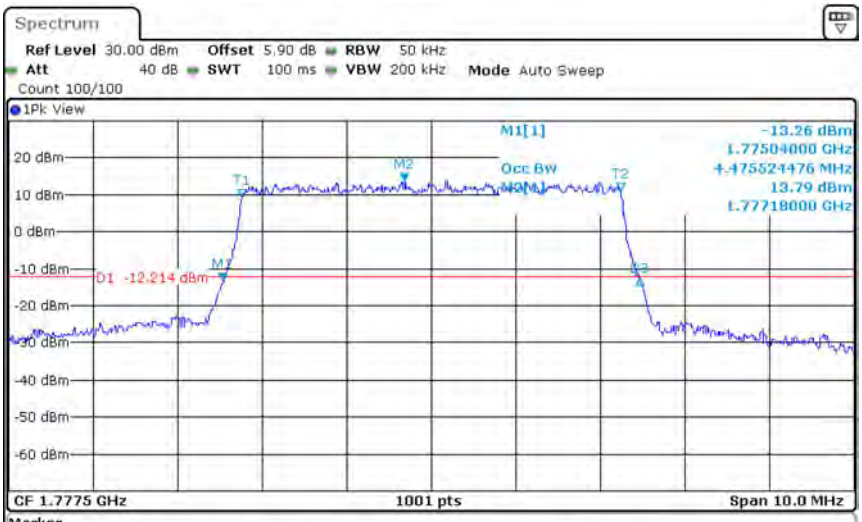
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74255 GHz	-12.49 dBm		
T1		1	1.7427622 GHz	9.62 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7472378 GHz	10.30 dBm		
M2		1	1.74467 GHz	13.71 dBm		
D3	M1	1	4.89 MHz	0.03 dB		

Date: 28.AUG.2020 21:30:26

Band66-5MHz-64QAM-132647-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77504 GHz	-13.26 dBm		
T1		1	1.7752622 GHz	9.31 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7797378 GHz	11.10 dBm		
M2		1	1.77718 GHz	13.79 dBm		
D3	M1	1	4.92 MHz	0.83 dB		

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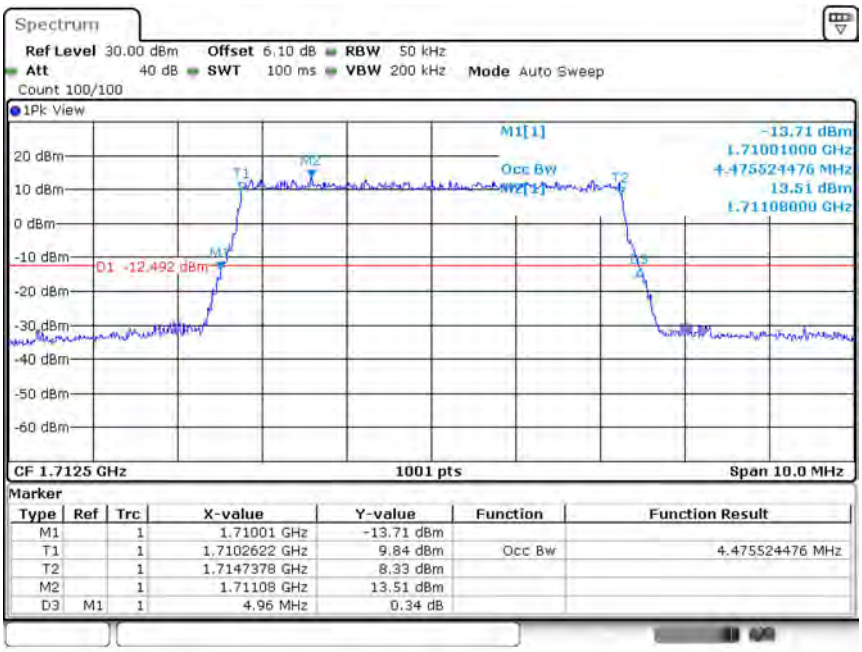
Band66-5MHz-16QAM-131997-25RB#0-4.476



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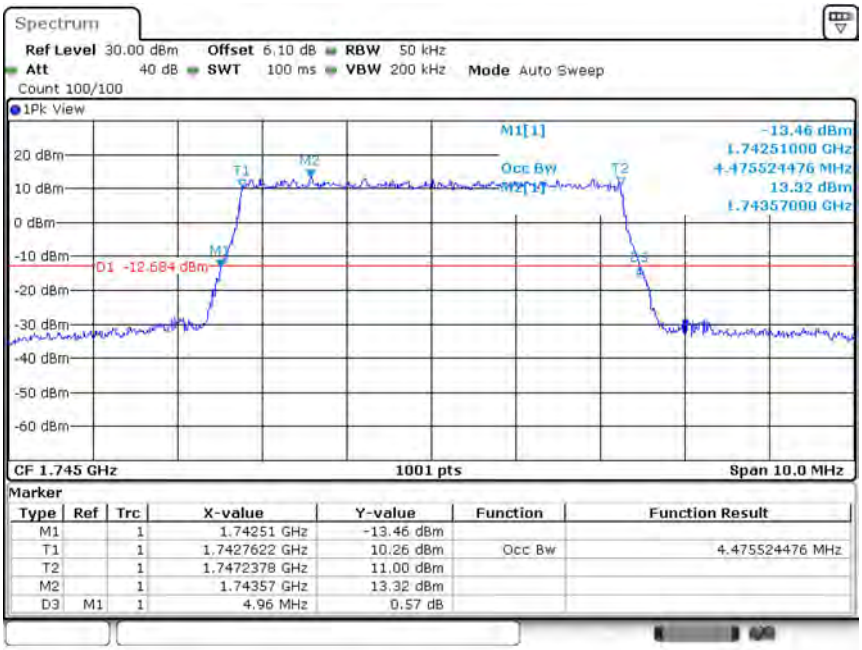
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71001 GHz	-13.71 dBm		
T1		1	1.7102622 GHz	9.84 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7147378 GHz	8.33 dBm		
M2		1	1.71108 GHz	13.51 dBm		
D3	M1	1	4.96 MHz	0.34 dB		

Date: 14.AUG.2020 09:05:40

Band66-5MHz-16QAM-132322-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74251 GHz	-13.46 dBm		
T1		1	1.7427622 GHz	10.26 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7472378 GHz	11.00 dBm		
M2		1	1.74357 GHz	13.32 dBm		
D3	M1	1	4.96 MHz	0.57 dB		

Date: 14.AUG.2020 09:06:20

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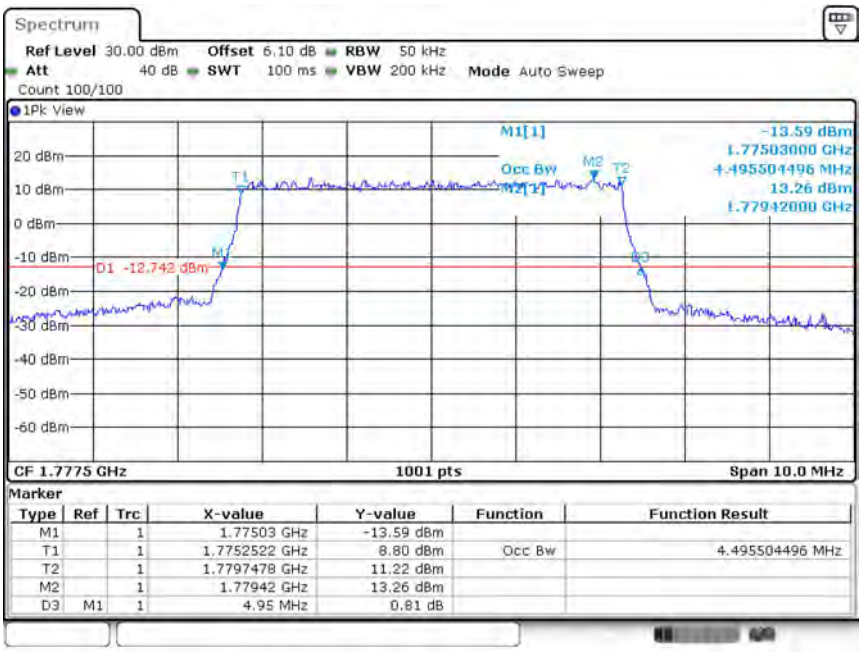
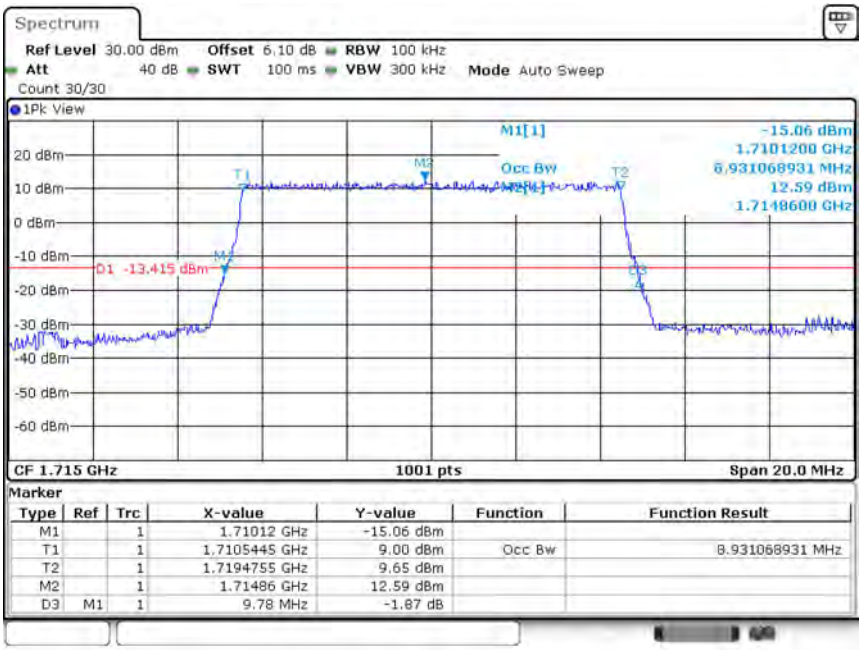
Band66-5MHz-16QAM-132647-25RB#0-4.496



Date: 14.AUG.2020 09:06:59

Band66-10MHz-QPSK-132022-50RB#0-8.931



Date: 14.AUG.2020 09:07:17

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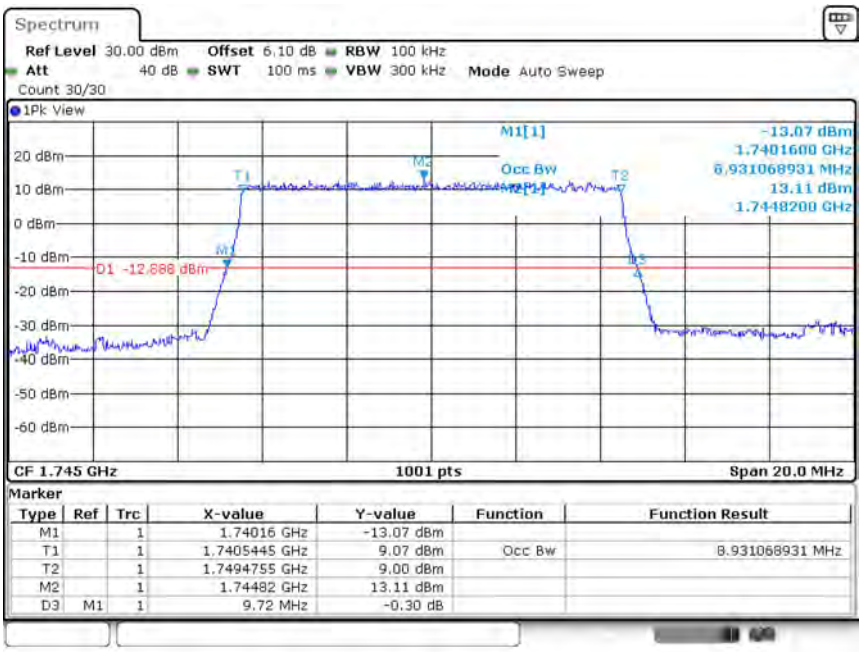
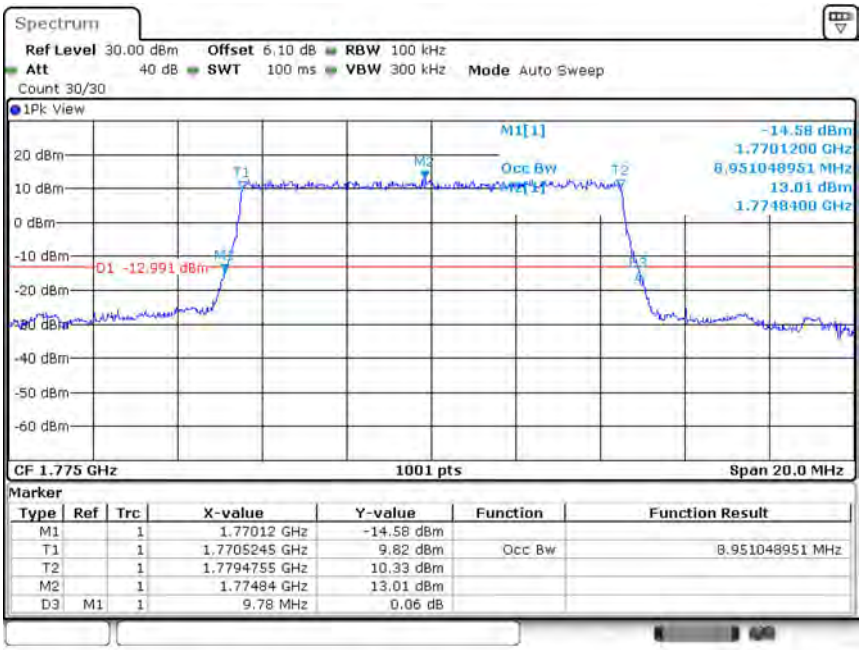
Band66-10MHz-QPSK-132322-50RB#0-8.931



Date: 14.AUG.2020 09:07:43

Band66-10MHz-QPSK-132622-50RB#0-8.951



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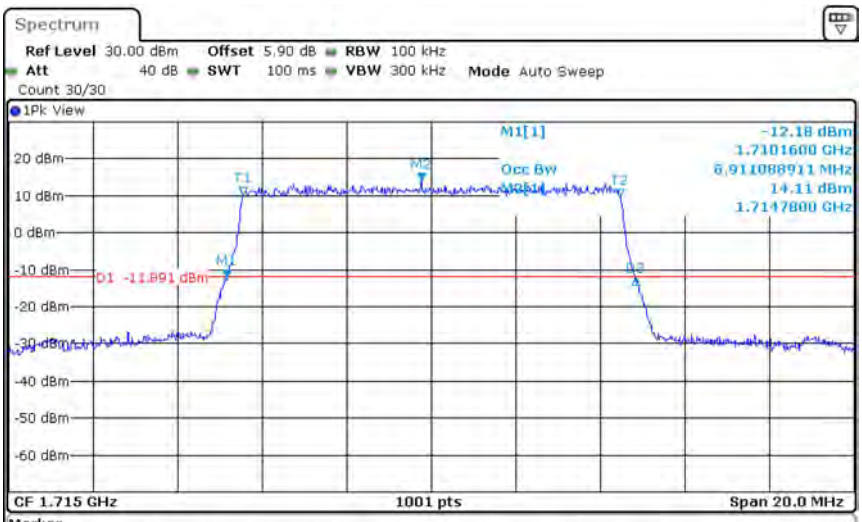
Band66-10MHz-64QAM-132022-50RB#0-8.911

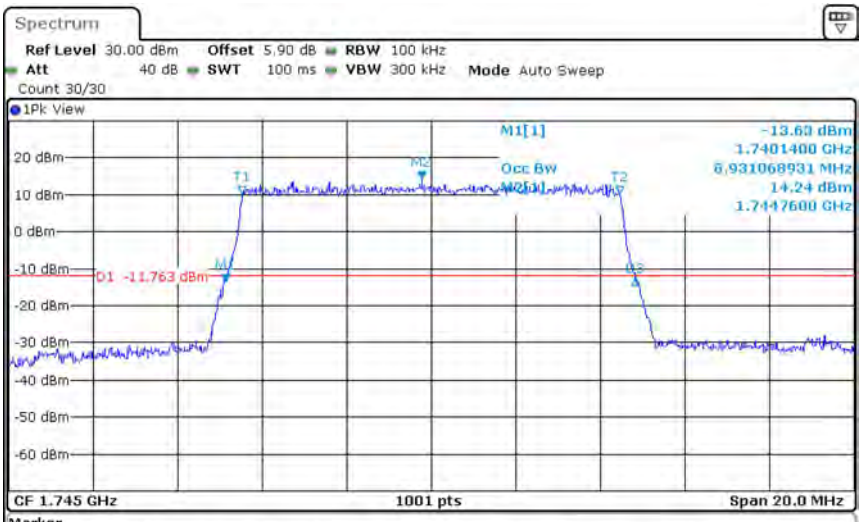


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71016 GHz	-12.18 dBm		
T1		1	1.7105445 GHz	10.37 dBm	Occ Bw	8.911088911 MHz
T2		1	1.7194555 GHz	9.59 dBm		
M2		1	1.71478 GHz	14.11 dBm		
D3	M1	1	9.66 MHz	-0.06 dB		

Date: 28.AUG.2020 21:31:04

Band66-10MHz-64QAM-132322-50RB#0-8.931



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74014 GHz	-13.63 dBm		
T1		1	1.7405245 GHz	10.28 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7494555 GHz	10.25 dBm		
M2		1	1.74476 GHz	14.24 dBm		
D3	M1	1	9.68 MHz	1.11 dB		

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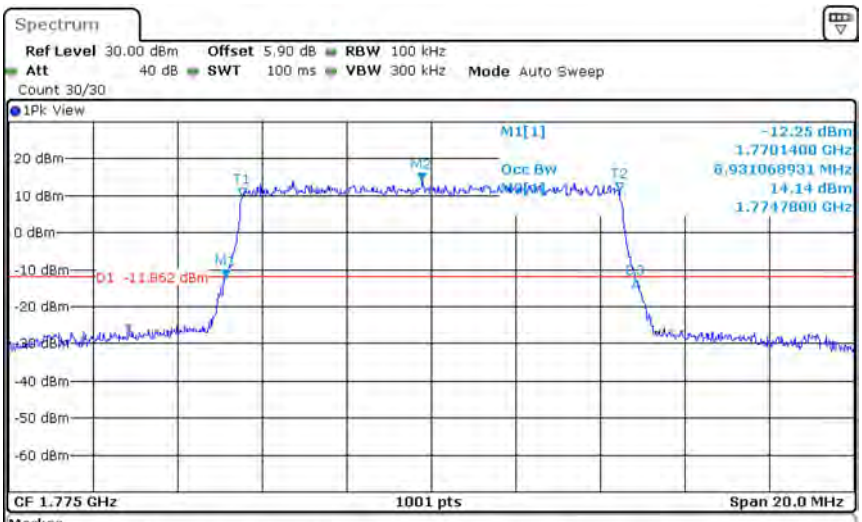
Band66-10MHz-64QAM-132622-50RB#0-8.931

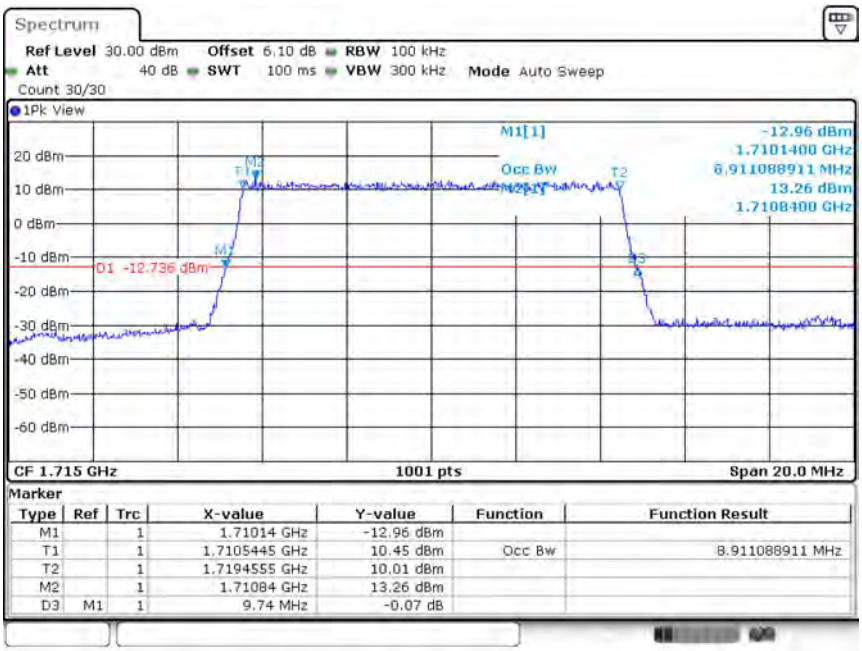


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77014 GHz	-12.25 dBm		
T1		1	1.7705245 GHz	10.03 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7794555 GHz	11.36 dBm		
M2		1	1.77478 GHz	14.14 dBm		
D3	M1	1	9.7 MHz	-0.60 dB		

Date: 28.AUG.2020 21:31:30

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71014 GHz	-12.96 dBm		
T1		1	1.7105445 GHz	10.45 dBm	Occ Bw	8.911088911 MHz
T2		1	1.7194555 GHz	10.01 dBm		
M2		1	1.71084 GHz	13.26 dBm		
D3	M1	1	9.74 MHz	-0.07 dB		

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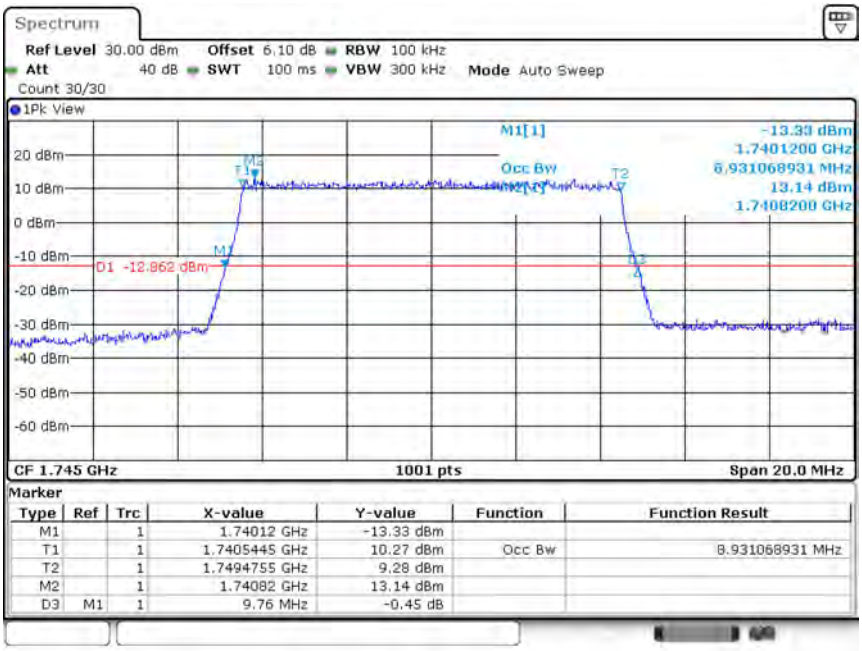
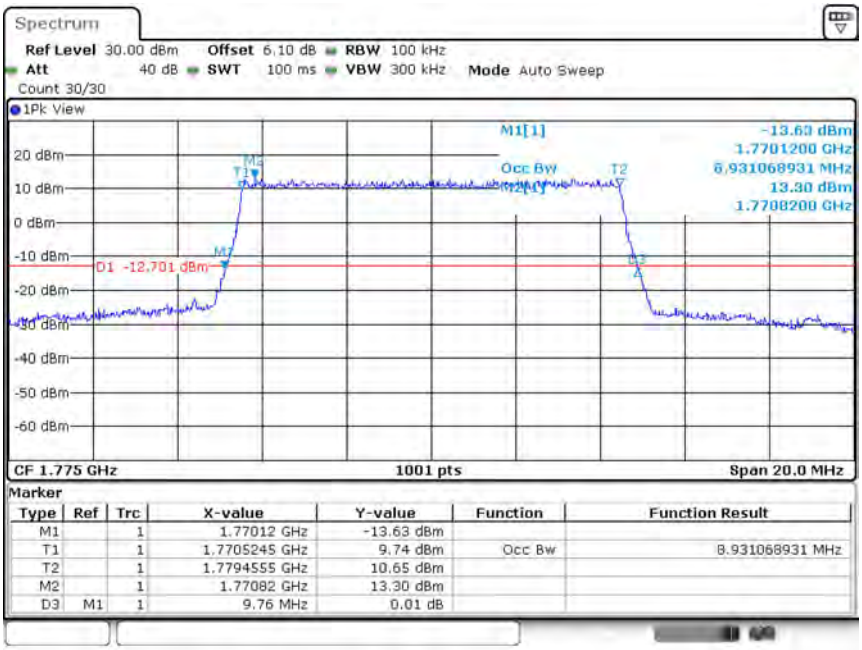
Band66-10MHz-16QAM-132322-50RB#0-8.931



Date: 14.AUG.2020 09:07:56

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



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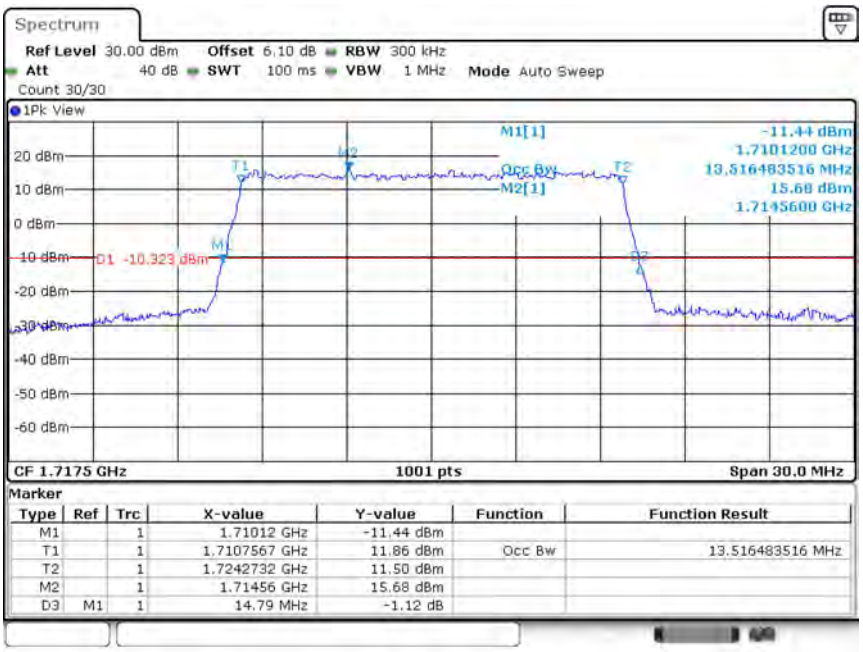
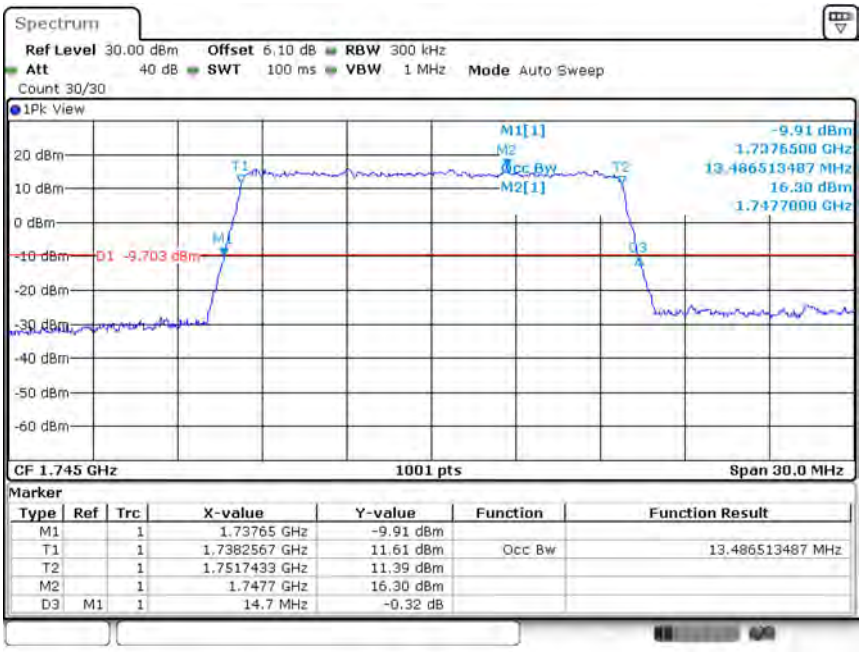
Band66-15MHz-QPSK-132047-75RB#0-13.516



Date: 14.AUG.2020 09:08:39

Band66-15MHz-QPSK-132322-75RB#0-13.487



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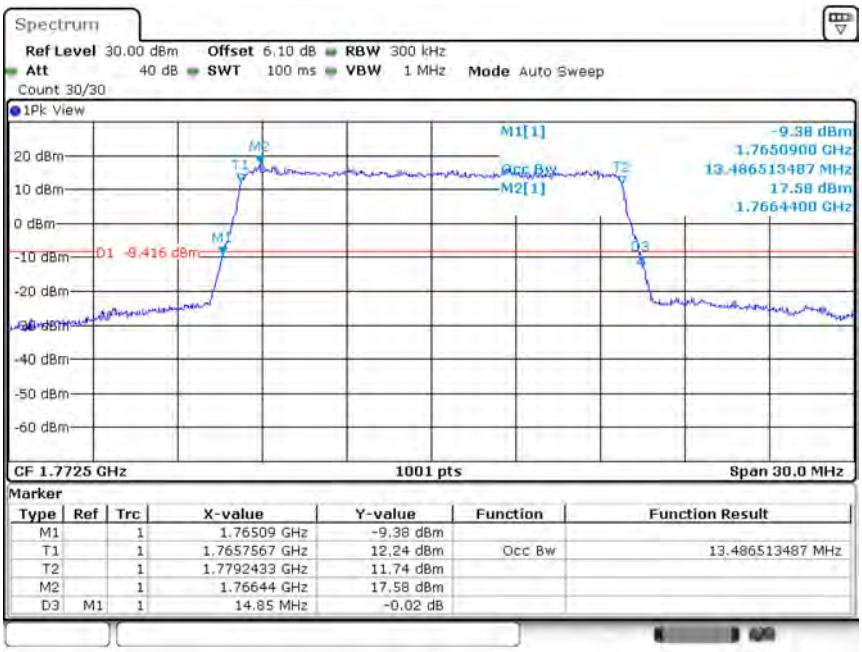
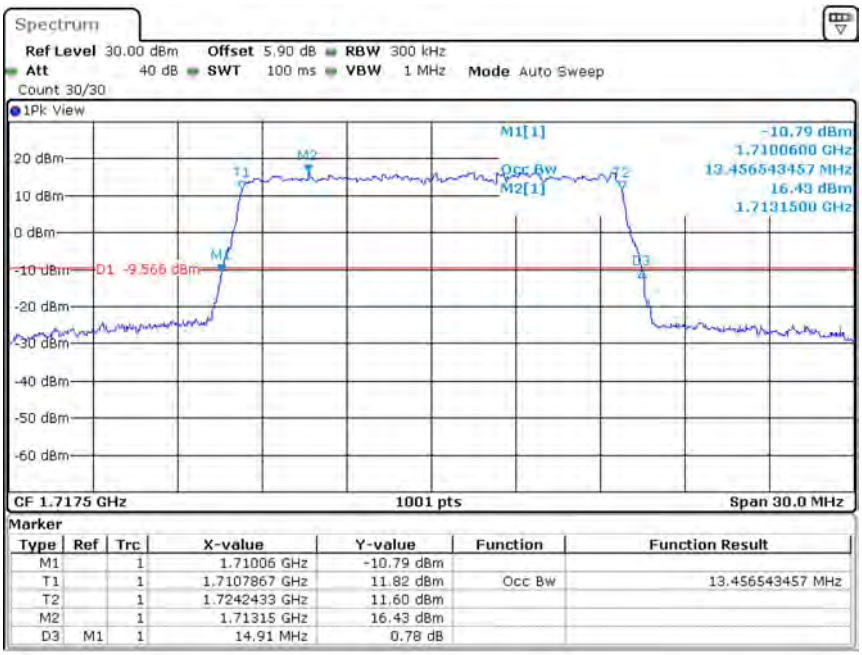
Band66-15MHz-QPSK-132597-75RB#0-13.487



Date: 14.AUG.2020 09:09:31

Band66-15MHz-64QAM-132047-75RB#0-13.457



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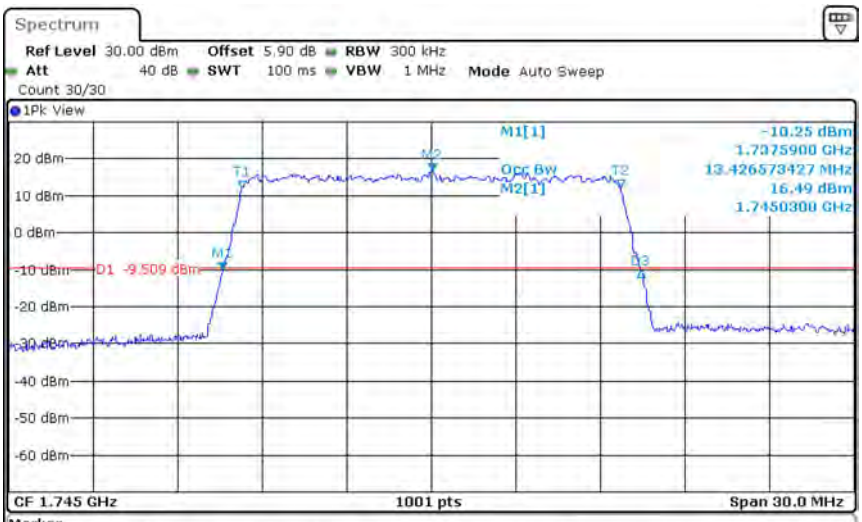
Band66-15MHz-64QAM-132322-75RB#0-13.427

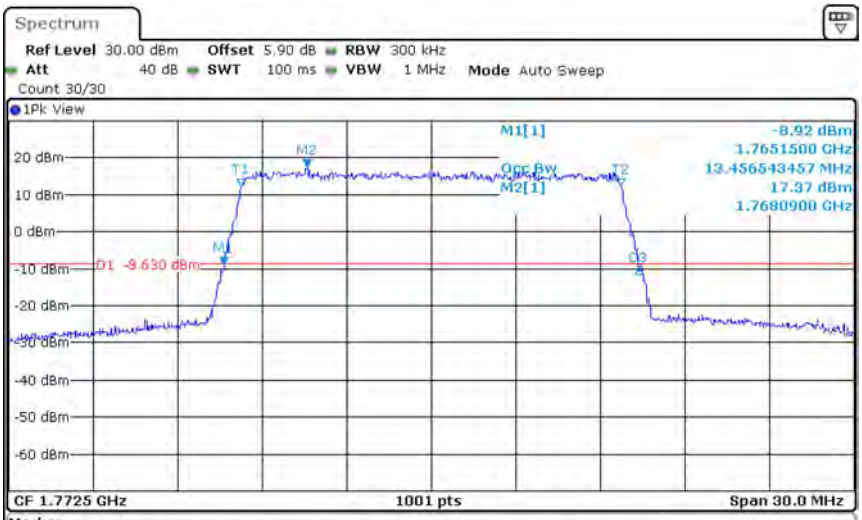


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73759 GHz	-10.25 dBm		
T1		1	1.7382867 GHz	11.94 dBm	Occ Bw	13.426573427 MHz
T2		1	1.7517133 GHz	12.28 dBm		
M2		1	1.74503 GHz	16.49 dBm		
D3	M1	1	14.85 MHz	0.03 dB		

Date: 28.AUG.2020 21:32:05

Band66-15MHz-64QAM-132597-75RB#0-13.457



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.76515 GHz	-8.92 dBm		
T1		1	1.7657567 GHz	12.16 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7792133 GHz	12.29 dBm		
M2		1	1.76809 GHz	17.37 dBm		
D3	M1	1	14.7 MHz	-0.56 dB		

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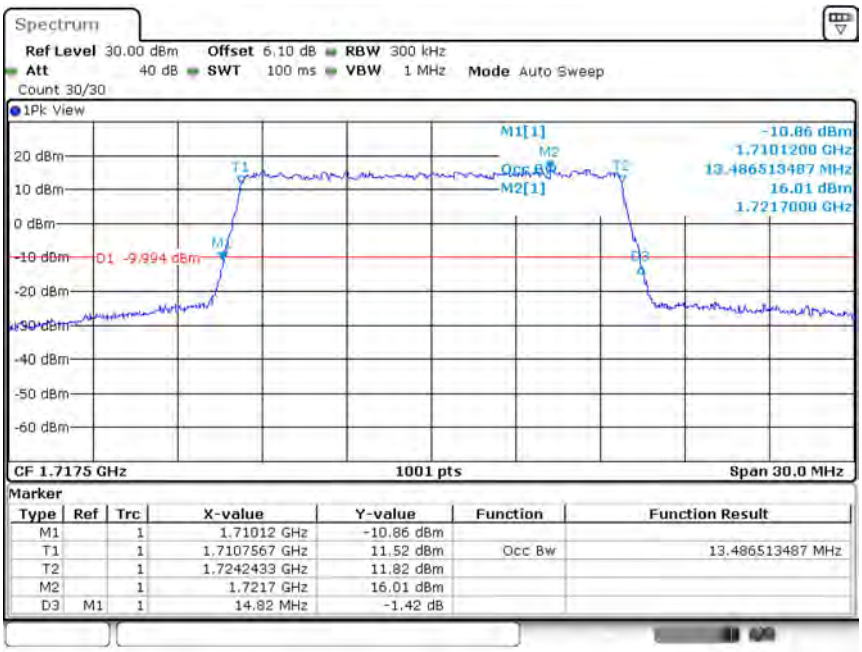
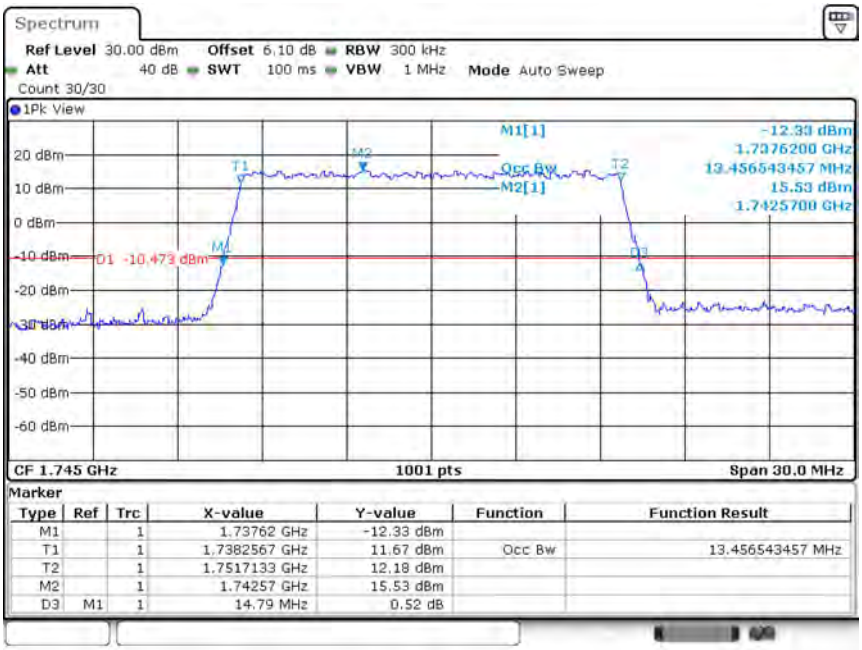
Band66-15MHz-16QAM-132047-75RB#0-13.487



Date: 14.AUG.2020 09:08:52

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



Date: 14.AUG.2020 09:09:18

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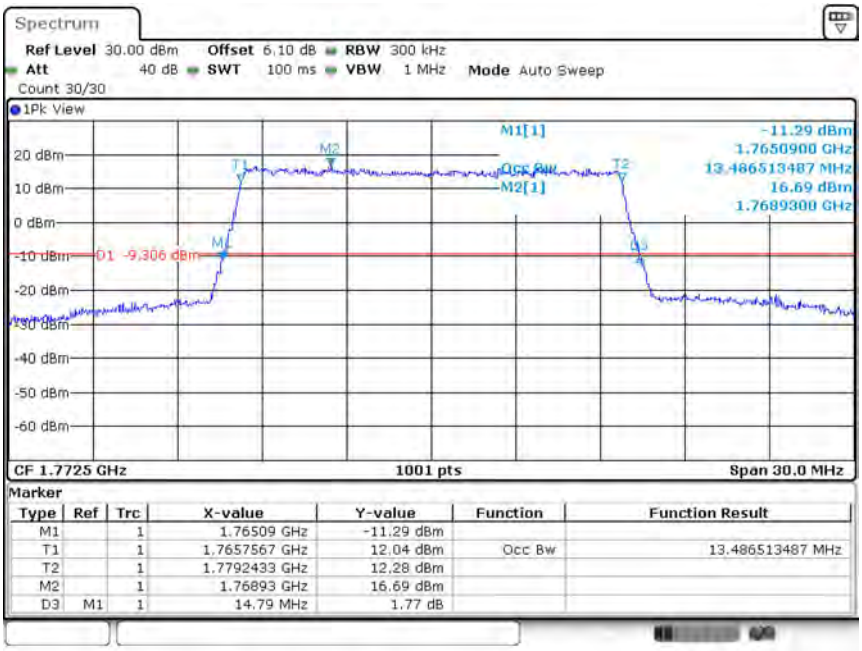
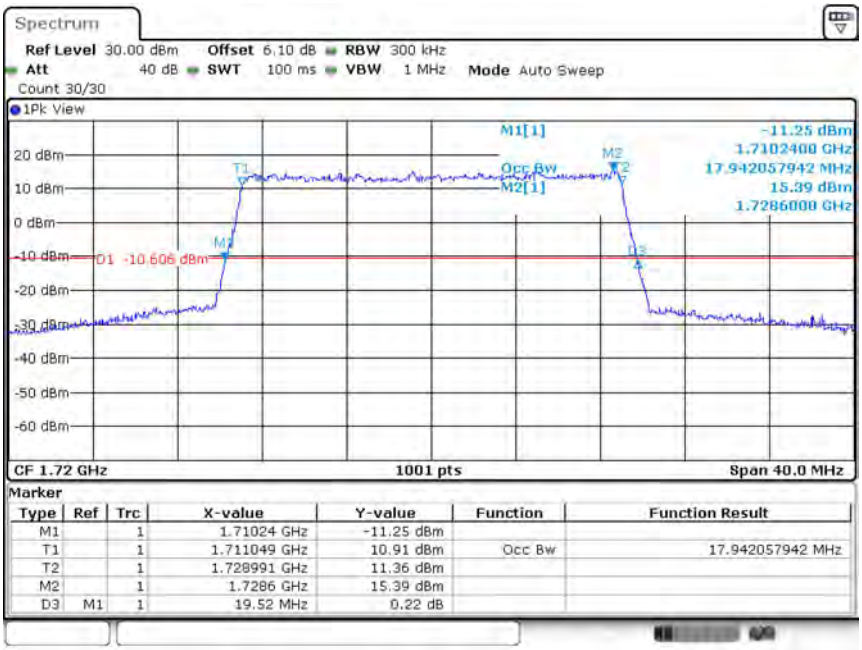
Band66-15MHz-16QAM-132597-75RB#0-13.487



Date: 14.AUG.2020 09:09:43

Band66-20MHz-QPSK-132072-100RB#0-17.942



Date: 14.AUG.2020 09:10:01

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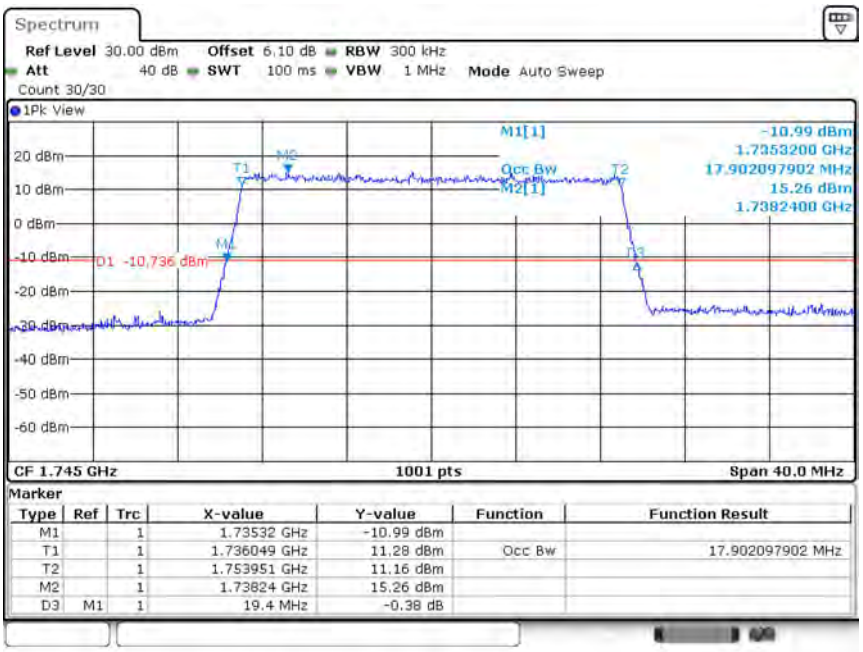
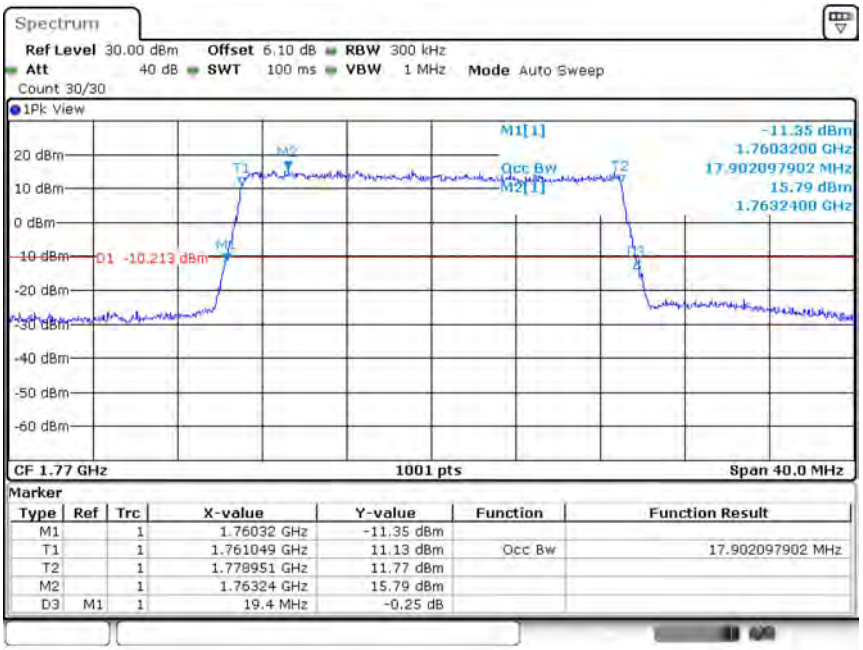
Band66-20MHz-QPSK-132322-100RB#0-17.902



Date: 14.AUG.2020 09:10:27

Band66-20MHz-QPSK-132572-100RB#0-17.902



Date: 14.AUG.2020 09:10:53

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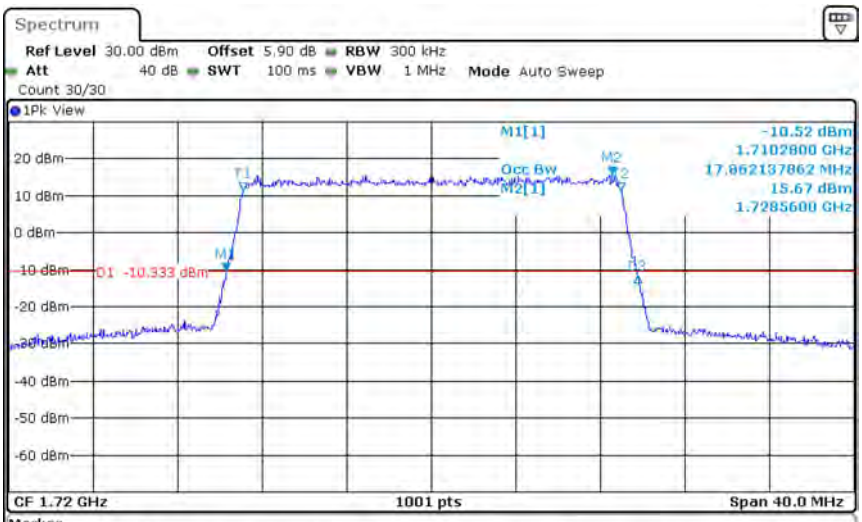
Band66-20MHz-64QAM-132072-100RB#0-17.862

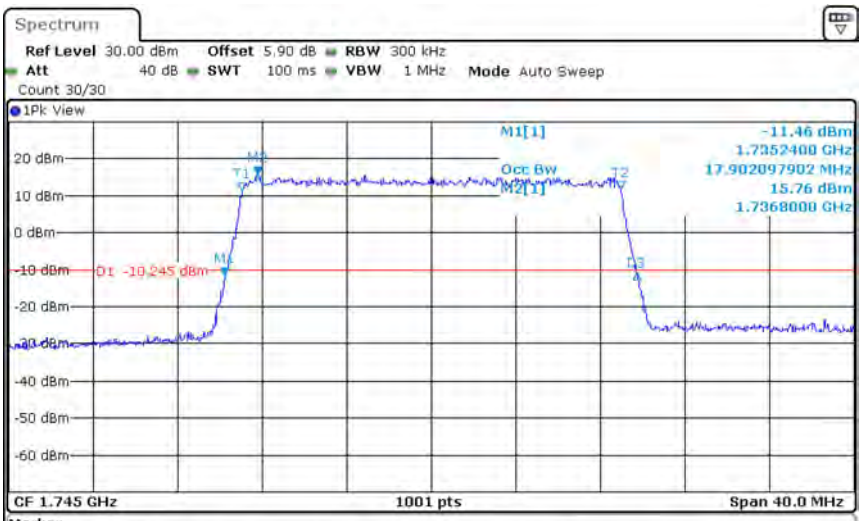


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71028 GHz	-10.52 dBm		
T1		1	1.7110889 GHz	11.44 dBm	Occ Bw	17.862137862 MHz
T2		1	1.728951 GHz	11.44 dBm		
M2		1	1.72856 GHz	15.67 dBm		
D3	M1	1	19.48 MHz	-1.10 dB		

Date: 28.AUG.2020 21:32:36

Band66-20MHz-64QAM-132322-100RB#0-17.902



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73524 GHz	-11.46 dBm		
T1		1	1.736049 GHz	11.36 dBm	Occ Bw	17.902097902 MHz
T2		1	1.753951 GHz	11.82 dBm		
M2		1	1.7368 GHz	15.76 dBm		
D3	M1	1	19.48 MHz	0.79 dB		

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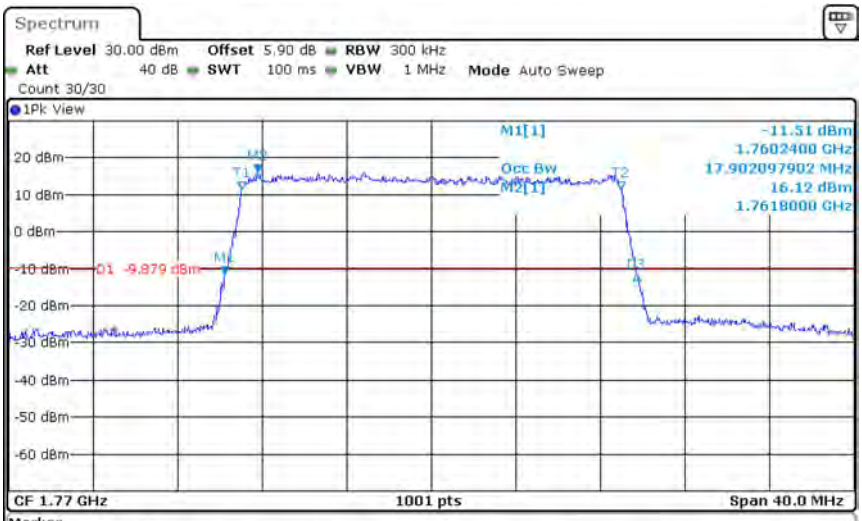
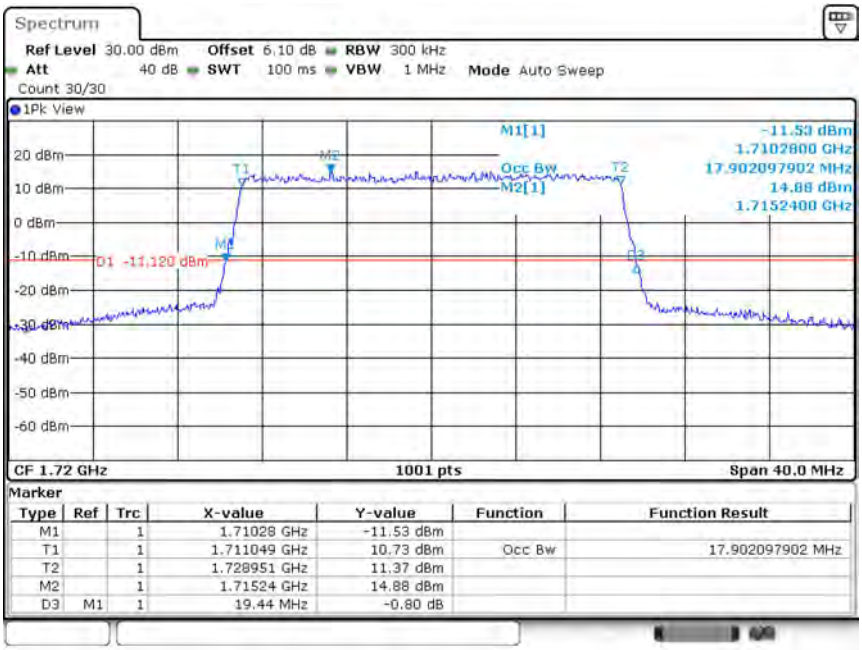


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.76024 GHz	-11.51 dBm		
T1		1	1.761049 GHz	11.29 dBm	Occ Bw	17.902097902 MHz
T2		1	1.778951 GHz	11.40 dBm		
M2		1	1.7618 GHz	16.12 dBm		
D3	M1	1	19.48 MHz	0.15 dB		

Date: 28.AUG.2020 21:33:02

Band66-20MHz-16QAM-132072-100RB#0-17.902



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71028 GHz	-11.53 dBm		
T1		1	1.711049 GHz	10.73 dBm	Occ Bw	17.902097902 MHz
T2		1	1.728951 GHz	11.37 dBm		
M2		1	1.71524 GHz	14.88 dBm		
D3	M1	1	19.44 MHz	-0.80 dB		

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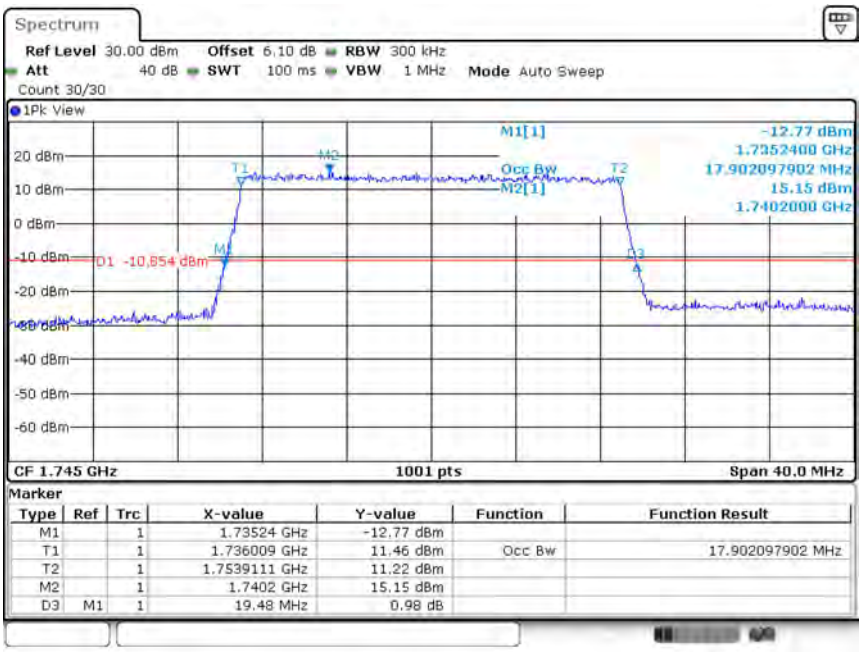
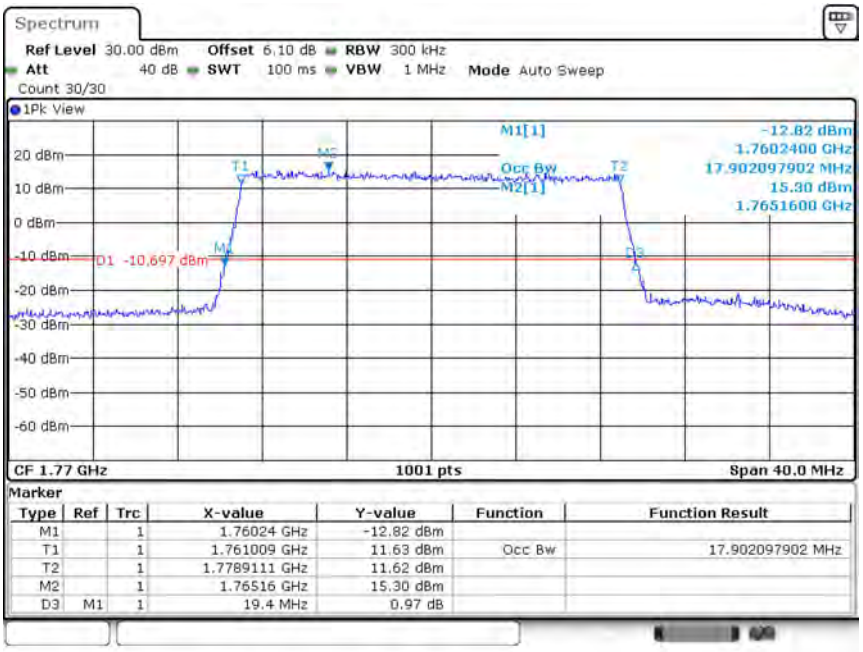


Date: 14.AUG.2020 09:10:40

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



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5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-25.80	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-28.75	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-26.15	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-27.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	-24.11	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	-27.66	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	-22.74	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	-26.64	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-24.88	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-27.98	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-25.73	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-26.98	PASS
Band66	3MHz	QPSK	131987	1RB#0	-21.57	PASS
Band66	3MHz	QPSK	131987	15RB#0	-27.82	PASS
Band66	3MHz	QPSK	132657	1RB#14	-21.97	PASS
Band66	3MHz	QPSK	132657	15RB#0	-26.02	PASS
Band66	3MHz	64QAM	131987	1RB#0	-19.28	PASS
Band66	3MHz	64QAM	131987	15RB#0	-26.96	PASS
Band66	3MHz	64QAM	132657	1RB#14	-18.66	PASS
Band66	3MHz	64QAM	132657	15RB#0	-26.09	PASS
Band66	3MHz	16QAM	131987	1RB#0	-20.64	PASS
Band66	3MHz	16QAM	131987	15RB#0	-27.64	PASS
Band66	3MHz	16QAM	132657	1RB#14	-21.87	PASS
Band66	3MHz	16QAM	132657	15RB#0	-26.26	PASS
Band66	5MHz	QPSK	131997	1RB#0	-24.41	PASS
Band66	5MHz	QPSK	131997	25RB#0	-30.90	PASS
Band66	5MHz	QPSK	132647	1RB#24	-25.25	PASS
Band66	5MHz	QPSK	132647	25RB#0	-30.14	PASS
Band66	5MHz	64QAM	131997	1RB#0	-22.58	PASS
Band66	5MHz	64QAM	131997	25RB#0	-29.77	PASS
Band66	5MHz	64QAM	132647	1RB#24	-22.36	PASS
Band66	5MHz	64QAM	132647	25RB#0	-29.68	PASS

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Band66	5MHz	16QAM	131997	1RB#0	-24.05	PASS
Band66	5MHz	16QAM	131997	25RB#0	-30.35	PASS
Band66	5MHz	16QAM	132647	1RB#24	-24.38	PASS
Band66	5MHz	16QAM	132647	25RB#0	-29.24	PASS
Band66	10MHz	QPSK	132022	1RB#0	-34.51	PASS
Band66	10MHz	QPSK	132022	50RB#0	-35.08	PASS
Band66	10MHz	QPSK	132622	1RB#49	-34.15	PASS
Band66	10MHz	QPSK	132622	50RB#0	-33.74	PASS
Band66	10MHz	64QAM	132022	1RB#0	-33.10	PASS
Band66	10MHz	64QAM	132022	50RB#0	-32.98	PASS
Band66	10MHz	64QAM	132622	1RB#49	-32.24	PASS
Band66	10MHz	64QAM	132622	50RB#0	-32.82	PASS
Band66	10MHz	16QAM	132022	1RB#0	-33.83	PASS
Band66	10MHz	16QAM	132022	50RB#0	-34.50	PASS
Band66	10MHz	16QAM	132622	1RB#49	-34.13	PASS
Band66	10MHz	16QAM	132622	50RB#0	-33.02	PASS
Band66	15MHz	QPSK	132047	1RB#0	-28.76	PASS
Band66	15MHz	QPSK	132047	75RB#0	-34.39	PASS
Band66	15MHz	QPSK	132597	1RB#74	-28.89	PASS
Band66	15MHz	QPSK	132597	75RB#0	-34.07	PASS
Band66	15MHz	64QAM	132047	1RB#0	-26.25	PASS
Band66	15MHz	64QAM	132047	75RB#0	-33.81	PASS
Band66	15MHz	64QAM	132597	1RB#74	-26.34	PASS
Band66	15MHz	64QAM	132597	75RB#0	-33.55	PASS
Band66	15MHz	16QAM	132047	1RB#0	-28.51	PASS
Band66	15MHz	16QAM	132047	75RB#0	-33.84	PASS
Band66	15MHz	16QAM	132597	1RB#74	-27.72	PASS
Band66	15MHz	16QAM	132597	75RB#0	-33.02	PASS
Band66	20MHz	QPSK	132072	1RB#0	-30.50	PASS
Band66	20MHz	QPSK	132072	100RB#0	-33.23	PASS
Band66	20MHz	QPSK	132572	1RB#99	-30.14	PASS
Band66	20MHz	QPSK	132572	100RB#0	-33.58	PASS
Band66	20MHz	64QAM	132072	1RB#0	-28.19	PASS
Band66	20MHz	64QAM	132072	100RB#0	-33.66	PASS
Band66	20MHz	64QAM	132572	1RB#99	-28.22	PASS
Band66	20MHz	64QAM	132572	100RB#0	-33.37	PASS
Band66	20MHz	16QAM	132072	1RB#0	-29.29	PASS
Band66	20MHz	16QAM	132072	100RB#0	-32.55	PASS

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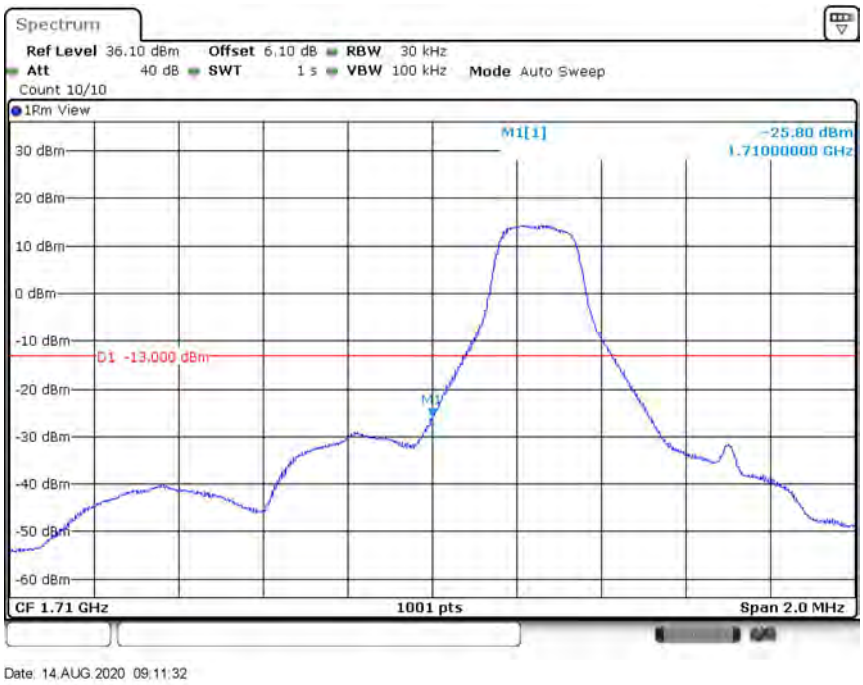
Band66	20MHz	16QAM	132572	1RB#99	-30.27	PASS
Band66	20MHz	16QAM	132572	100RB#0	-32.39	PASS

5.2. Test Plots

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



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

Date: 14.AUG.2020 09:12:13

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

Date: 14.AUG.2020 09:12:59

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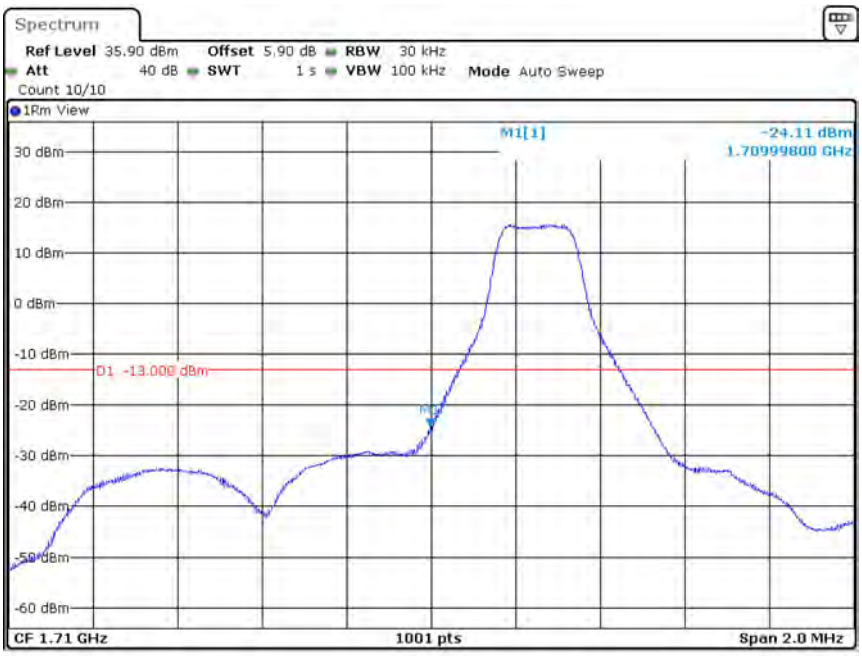
Band66-1.4MHz-QPSK-132665-6RB#0

Date: 14.AUG.2020 09:13:40

Band66-1.4MHz-64QAM-131979-1RB#0



Date: 28.AUG.2020 21:33:28

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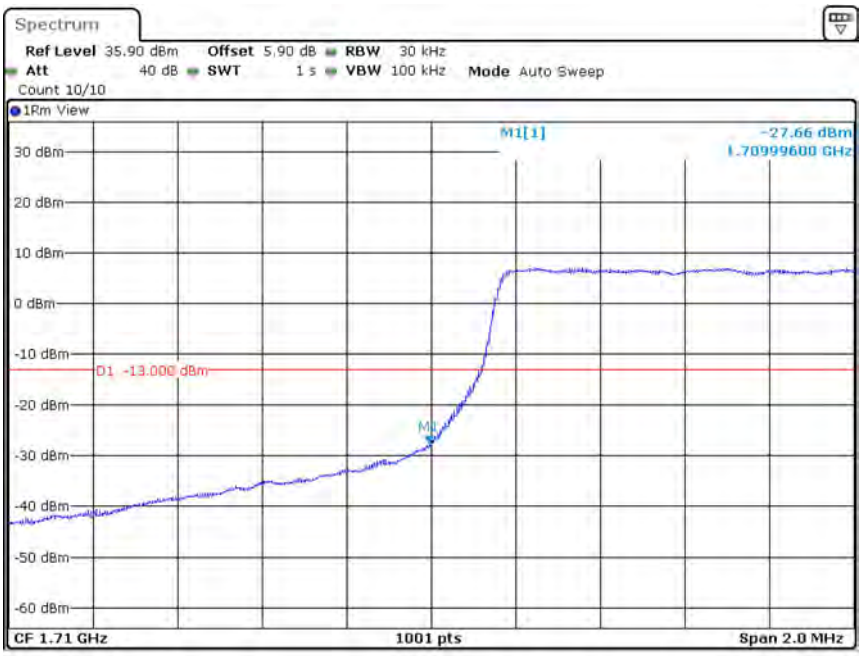
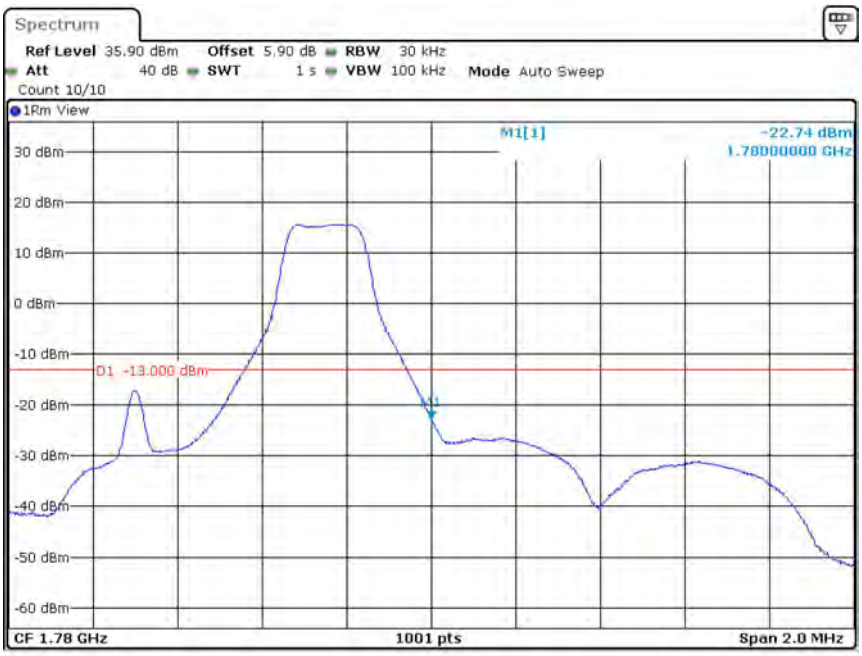
Band66-1.4MHz-64QAM-131979-6RB#0



Date: 28.AUG.2020 21:33:49

Band66-1.4MHz-64QAM-132665-1RB#5



Date: 28.AUG.2020 21:34:14

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Band66-1.4MHz-64QAM-132665-6RB#0

Date: 28.AUG.2020 21:34:35

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

Date: 14.AUG.2020 09:11:52

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

Date: 14.AUG.2020 09:12:33

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

Date: 14.AUG.2020 09:13:19

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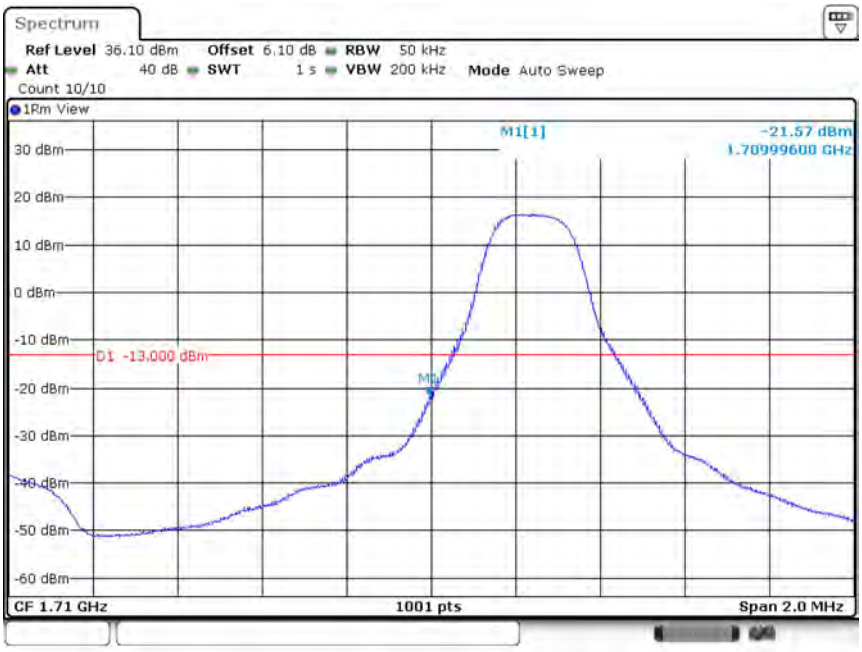
Band66-1.4MHz-16QAM-132665-6RB#0

Date: 14.AUG.2020 09:14:00

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



Date: 14.AUG.2020 09:14:26

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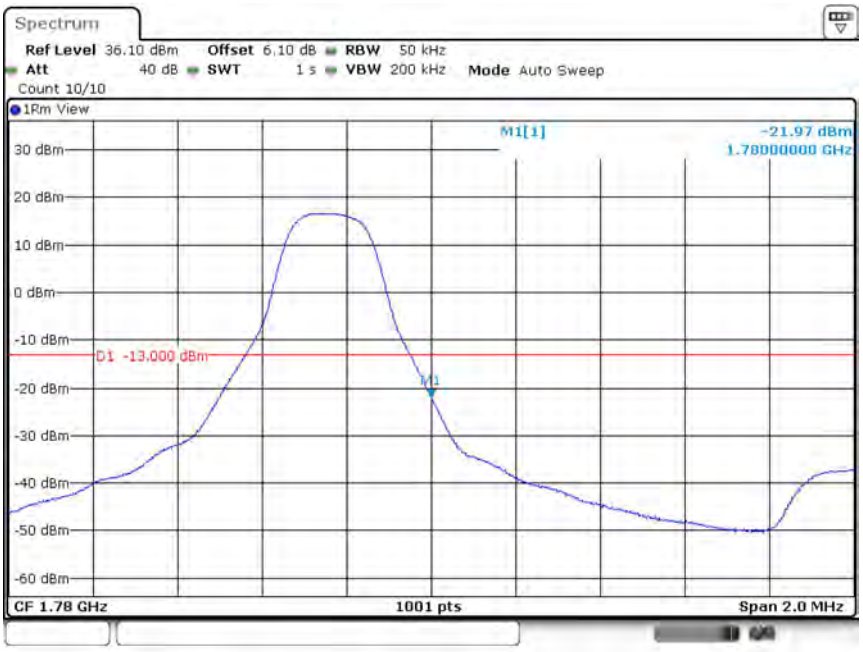
Band66-3MHz-QPSK-131987-15RB#0

Date: 14.AUG.2020 09:15:08

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



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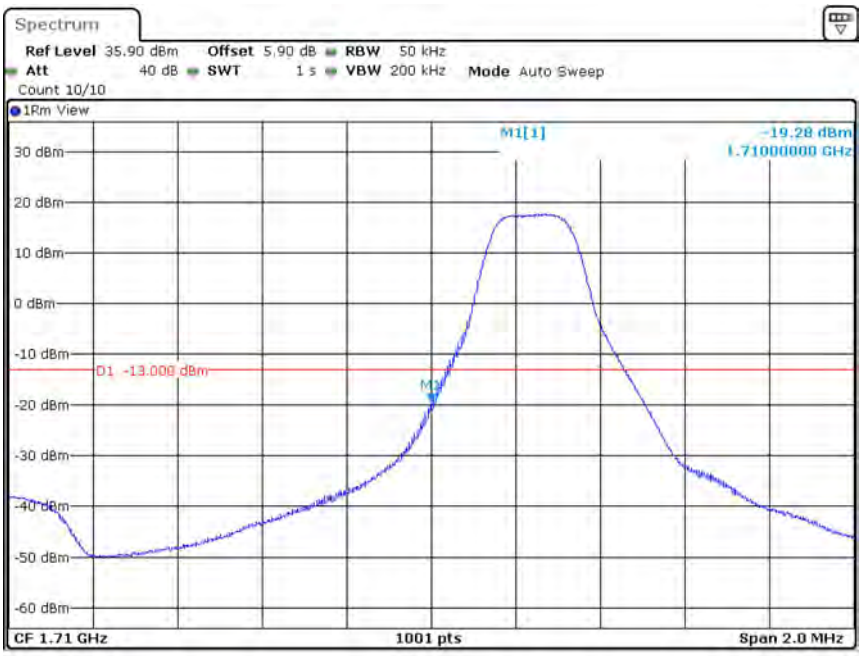
Band66-3MHz-QPSK-132657-15RB#0

Date: 14.AUG.2020 09:16:38

Band66-3MHz-64QAM-131987-1RB#0



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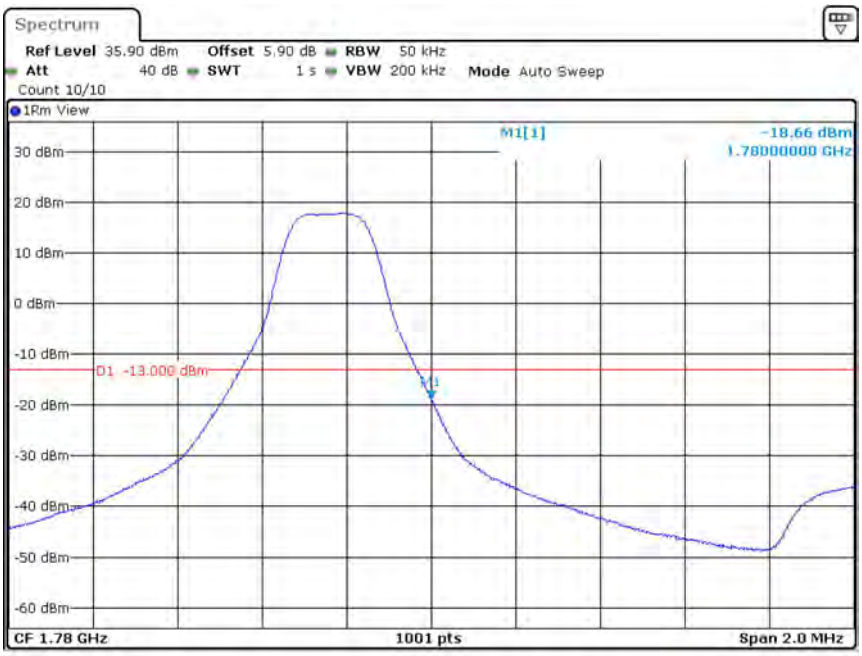
Date: 28.AUG.2020 21:35:24

Band66-3MHz-64QAM-132657-1RB#14



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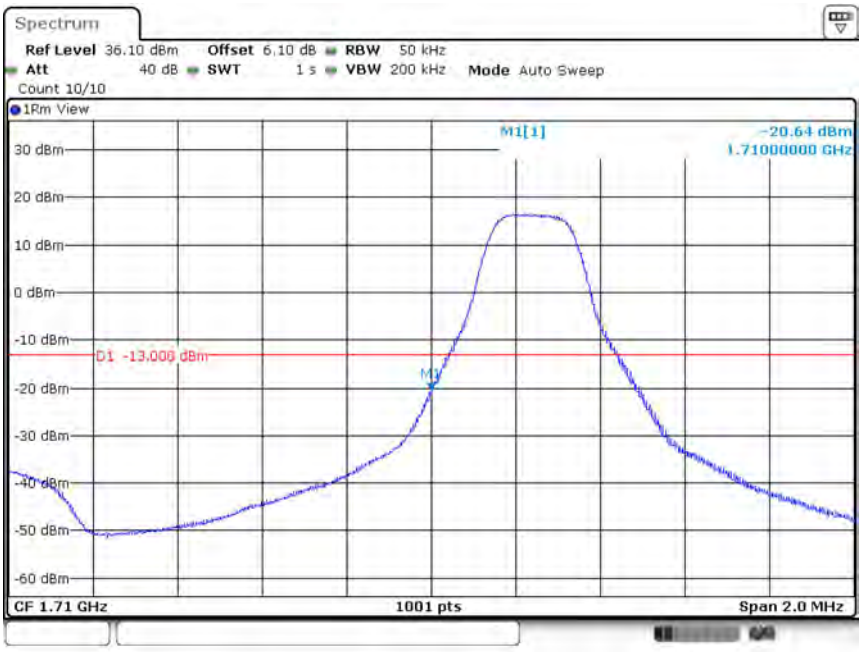
Date: 28.AUG.2020 21:36:10

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



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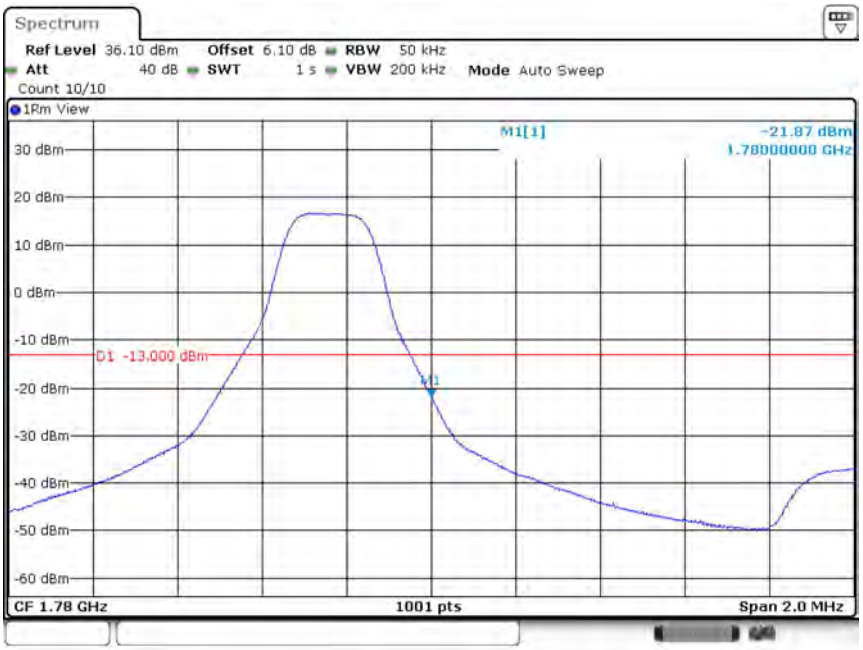
Band66-3MHz-16QAM-131987-15RB#0

Date: 14.AUG.2020 09:15:29

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



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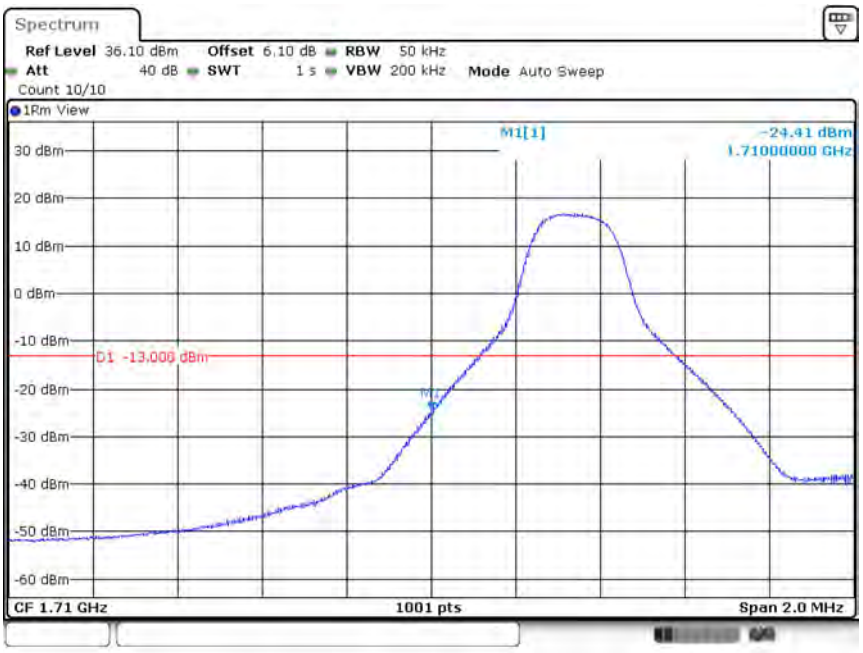
Date: 14.AUG.2020 09:16:59

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



Date: 14.AUG.2020 09:17:24

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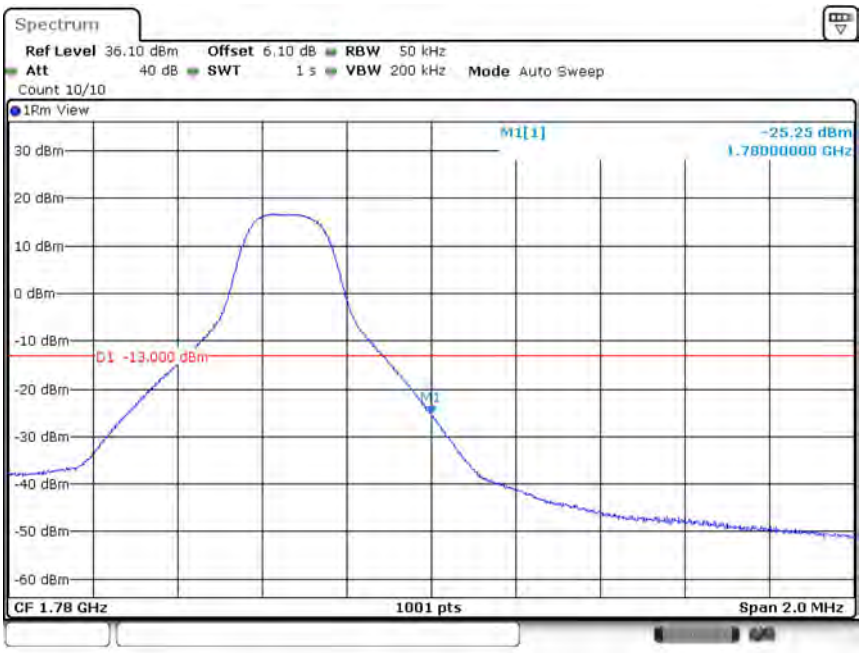
Band66-5MHz-QPSK-131997-25RB#0

Date: 14.AUG.2020 09:18:05

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



Date: 14.AUG.2020 09:18:51

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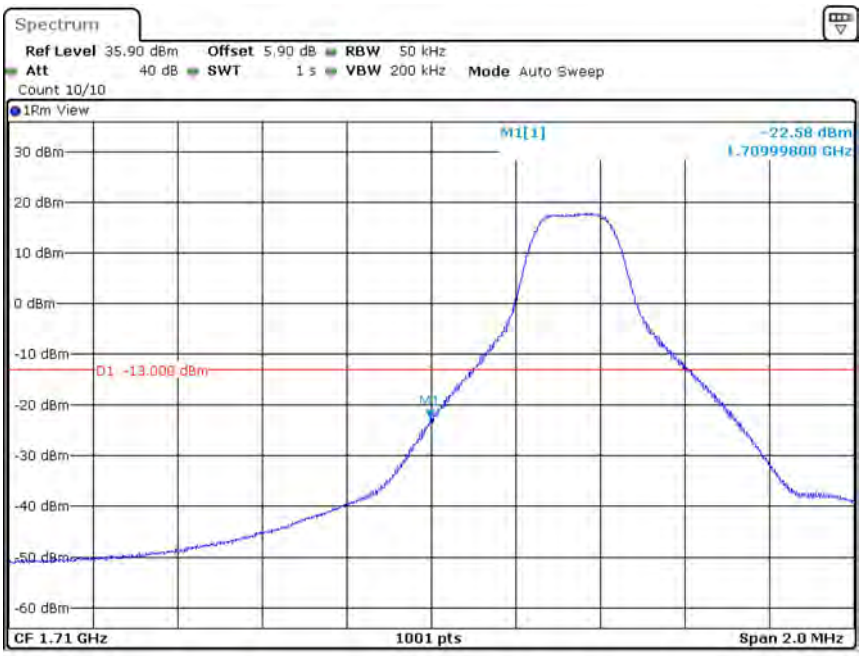
Band66-5MHz-QPSK-132647-25RB#0

Date: 14.AUG.2020 09:19:33

Band66-5MHz-64QAM-131997-1RB#0



Date: 28.AUG.2020 21:36:36

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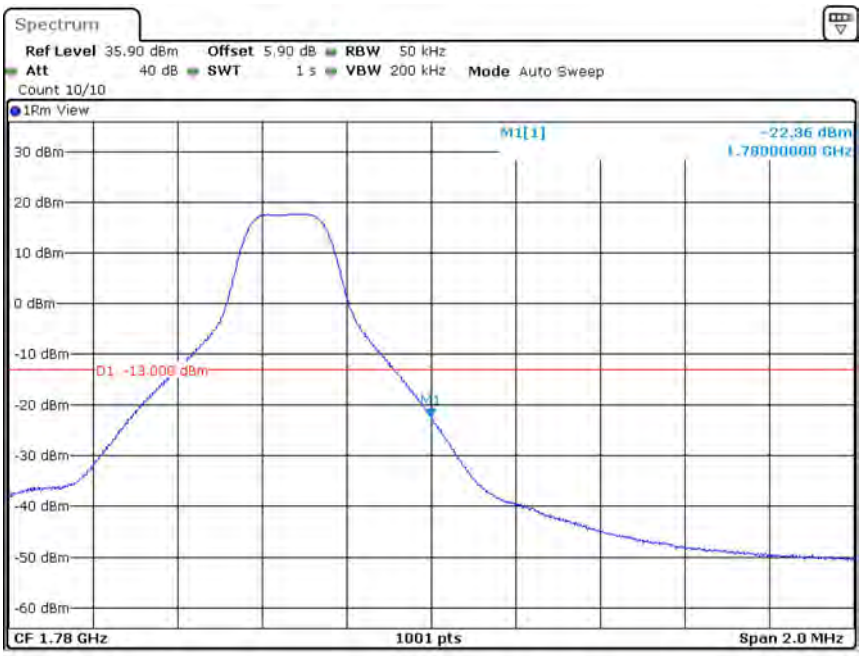
Band66-5MHz-64QAM-131997-25RB#0

Date: 28.AUG.2020 21:36:56

Band66-5MHz-64QAM-132647-1RB#24



Date: 28.AUG.2020 21:37:22

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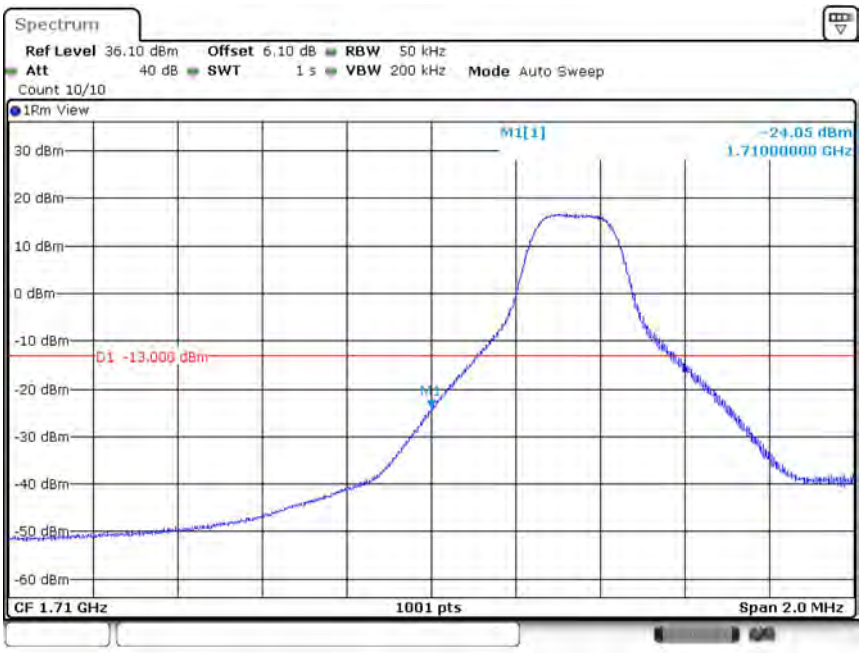
Band66-5MHz-64QAM-132647-25RB#0

Date: 28.AUG.2020 21:37:44

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



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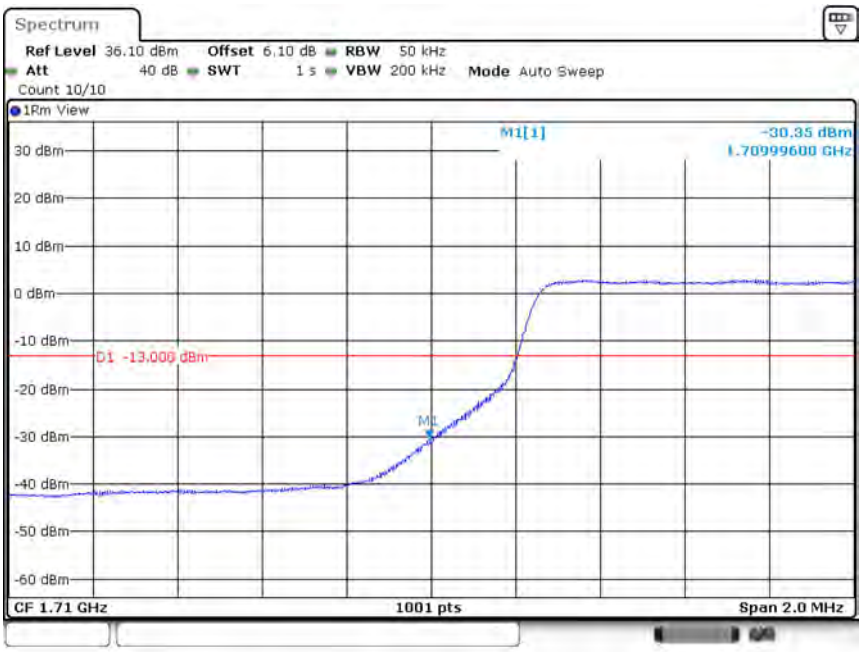
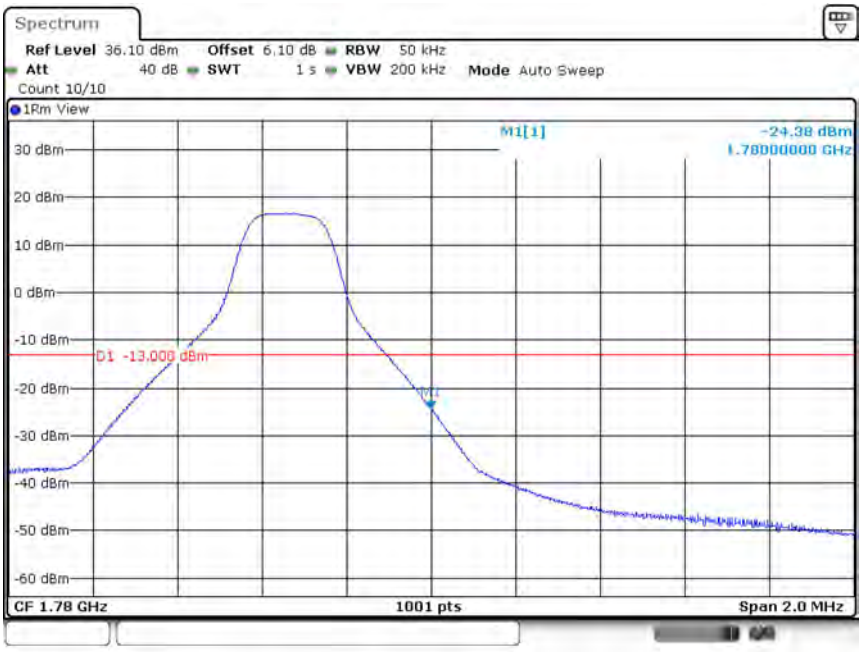


Date: 14.AUG.2020 09:18:26

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



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

Date: 14.AUG.2020 09:19:53

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

Date: 14.AUG.2020 09:20:18

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

Date: 14.AUG.2020 09:21:00

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

Date: 14.AUG.2020 09:21:45

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Date: 14.AUG.2020 09:22:27

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Date: 28.AUG.2020 21:38:10

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Band66-10MHz-64QAM-132022-50RB#0

Date: 28.AUG.2020 21:38:34

Band66-10MHz-64QAM-132622-1RB#49

Date: 28.AUG.2020 21:39:00

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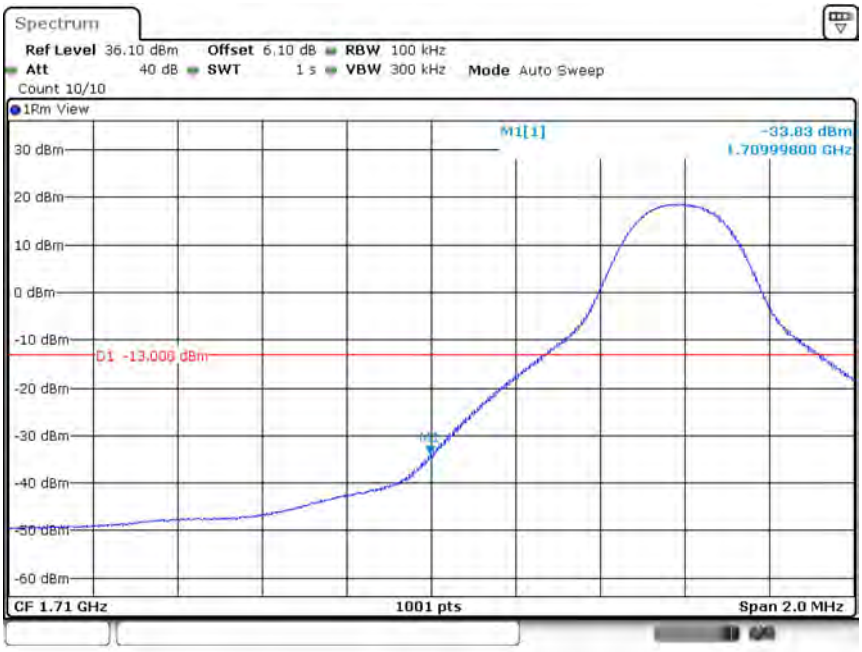
Date: 28.AUG.2020 21:39:21

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



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

Date: 14.AUG.2020 09:21:20

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

Date: 14.AUG.2020 09:22:06

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

Date: 14.AUG.2020 09:22:47

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

Date: 14.AUG.2020 09:23:13

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

Date: 14.AUG.2020 09:23:54

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

Date: 14.AUG.2020 09:24:40

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

Date: 14.AUG.2020 09:25:21

Band66-15MHz-64QAM-132047-1RB#0

Date: 28.AUG.2020 21:39:49

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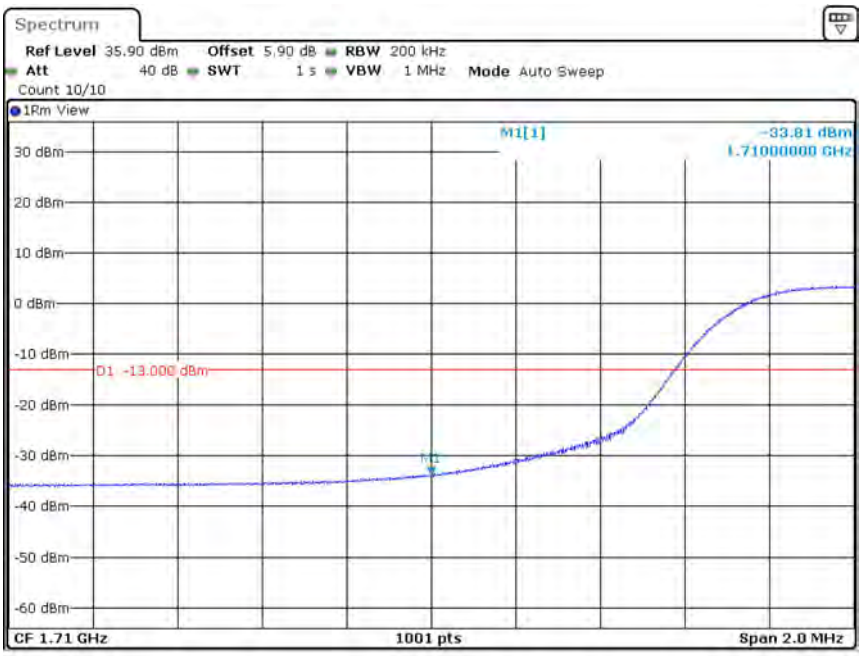
Band66-15MHz-64QAM-132047-75RB#0



Date: 28.AUG.2020 21:40:10

Band66-15MHz-64QAM-132597-1RB#74

Date: 28.AUG.2020 21:40:37

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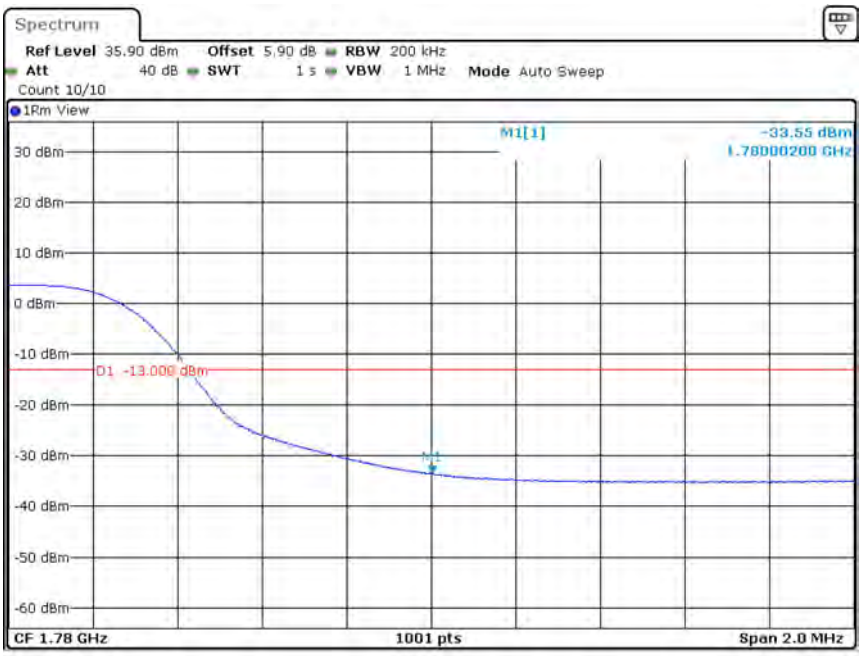
Band66-15MHz-64QAM-132597-75RB#0



Date: 28.AUG.2020 21:40:58

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

Date: 14.AUG.2020 09:23:33

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

Date: 14.AUG.2020 09:24:15

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

Date: 14.AUG.2020 09:25:00

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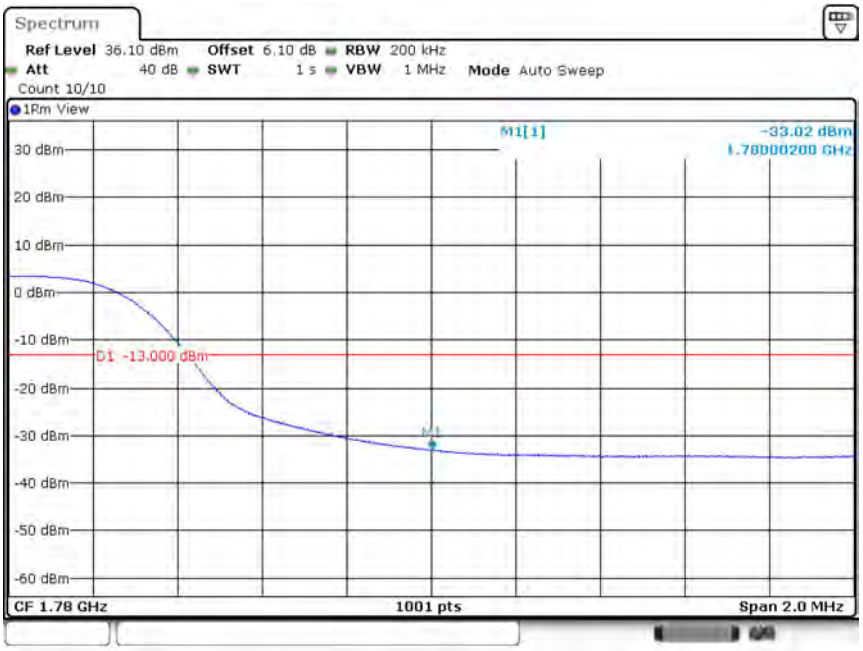

Date: 14.AUG.2020 09:25:42

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

Date: 14.AUG.2020 09:26:07

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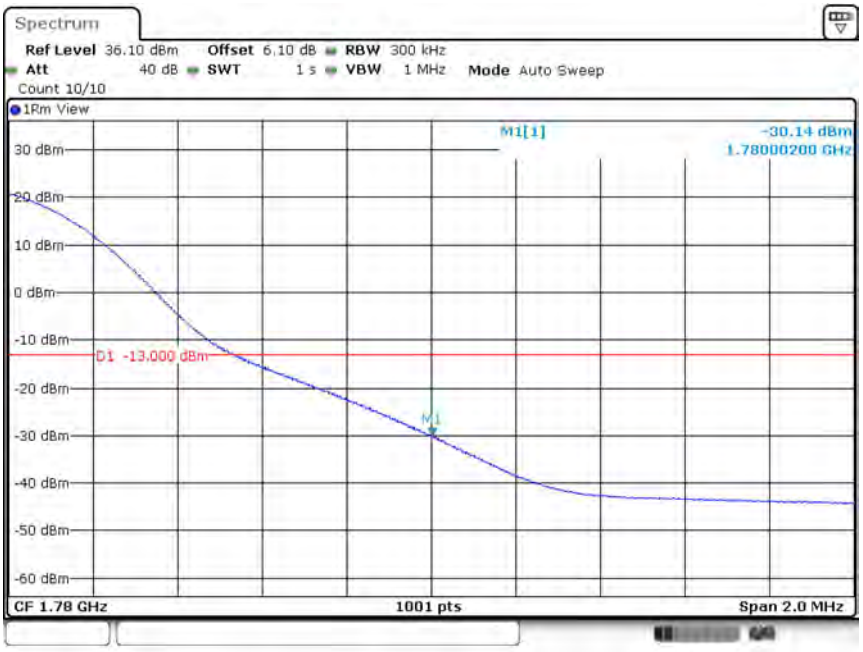
Band66-20MHz-QPSK-132072-100RB#0

Date: 14.AUG.2020 09:26:50

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



Date: 14.AUG.2020 09:27:36

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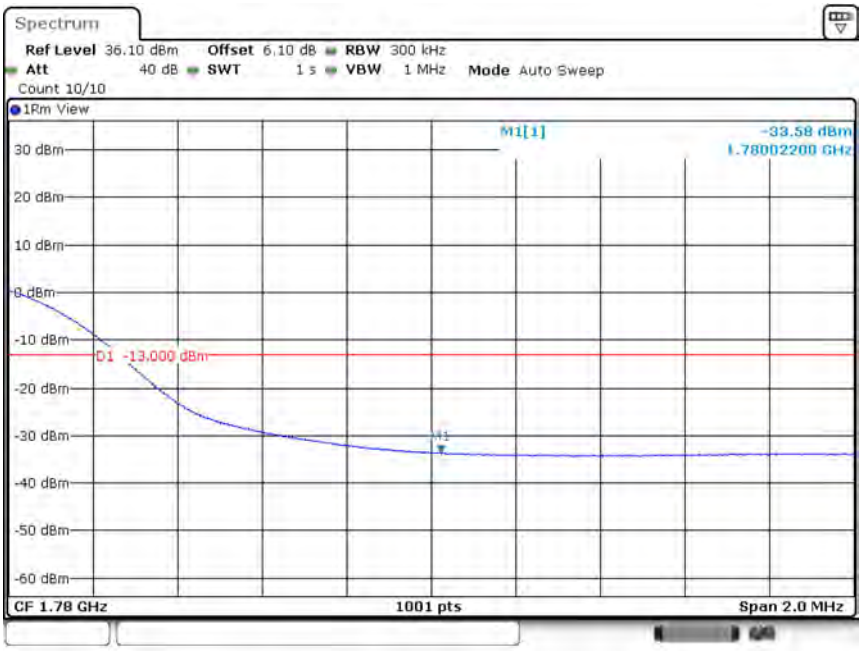
Band66-20MHz-QPSK-132572-100RB#0



Date: 14.AUG.2020 09:28:17

Band66-20MHz-64QAM-132072-1RB#0

Date: 28.AUG.2020 21:41:24

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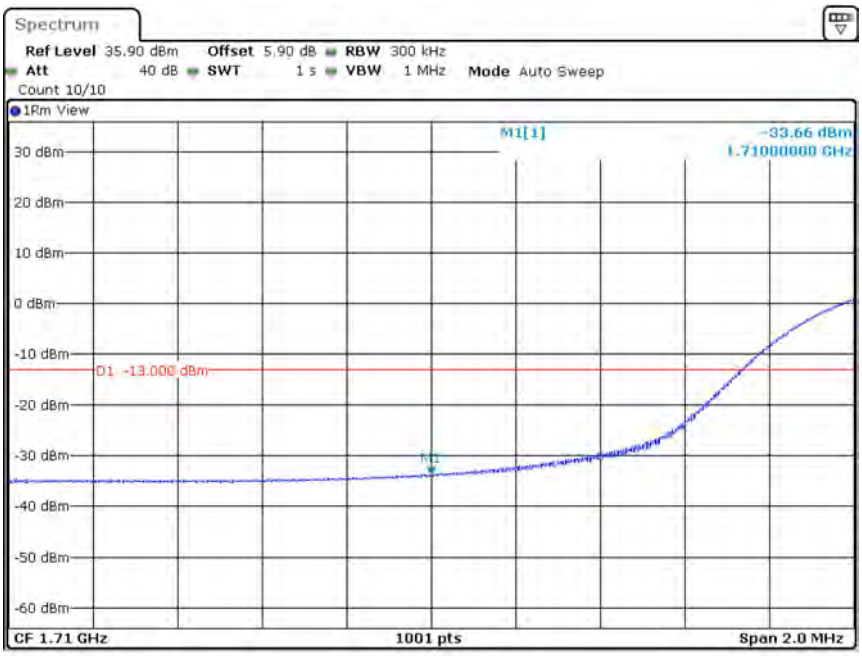
Band66-20MHz-64QAM-132072-100RB#0



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Band66-20MHz-64QAM-132572-1RB#99

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Band66-20MHz-64QAM-132572-100RB#0

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

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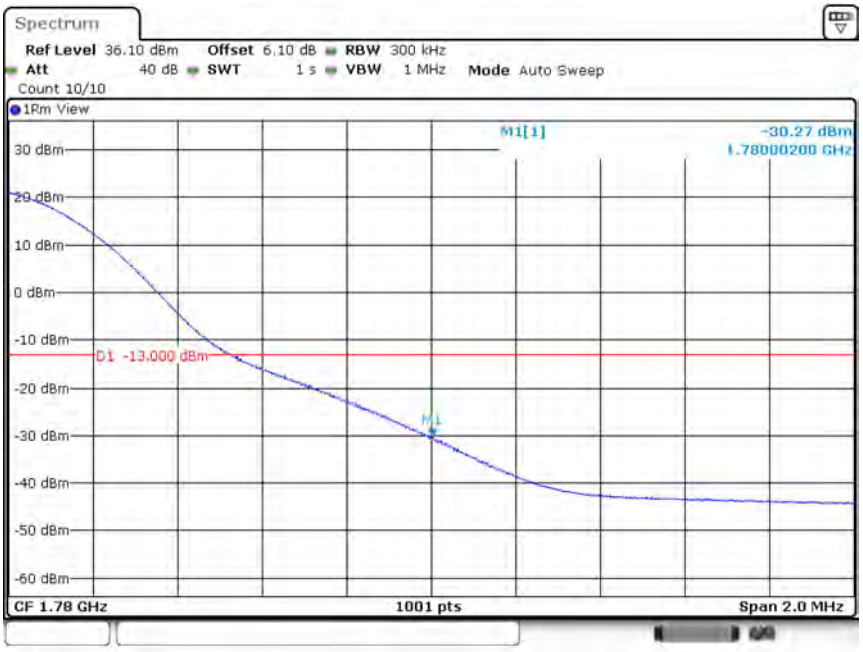
Date: 14.AUG.2020 09:27:10

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



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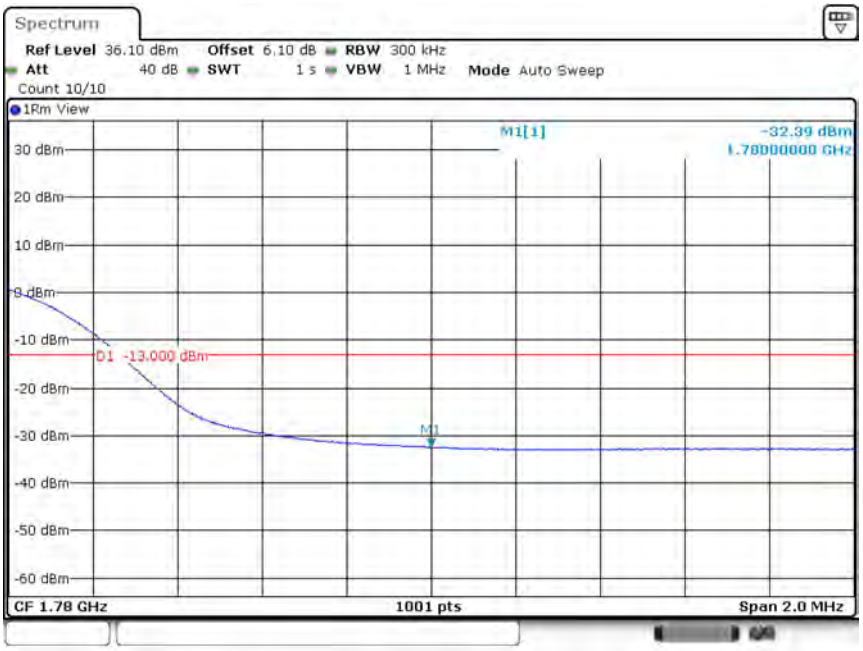
Band66-20MHz-16QAM-132572-100RB#0



Date: 14.AUG.2020 09:28:38

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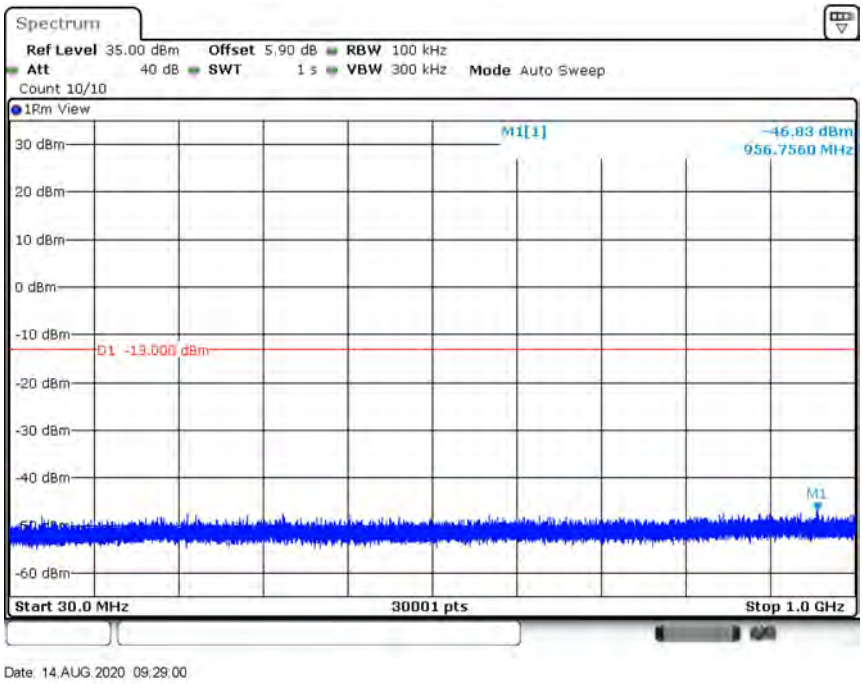
6. Spurious Emission at Antenna Terminal

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: only the worst case data displayed in this report.

6.1. Test Plots

Band66-20MHz-QPSK-132072-1RB#0-Range1:30~1000MHz



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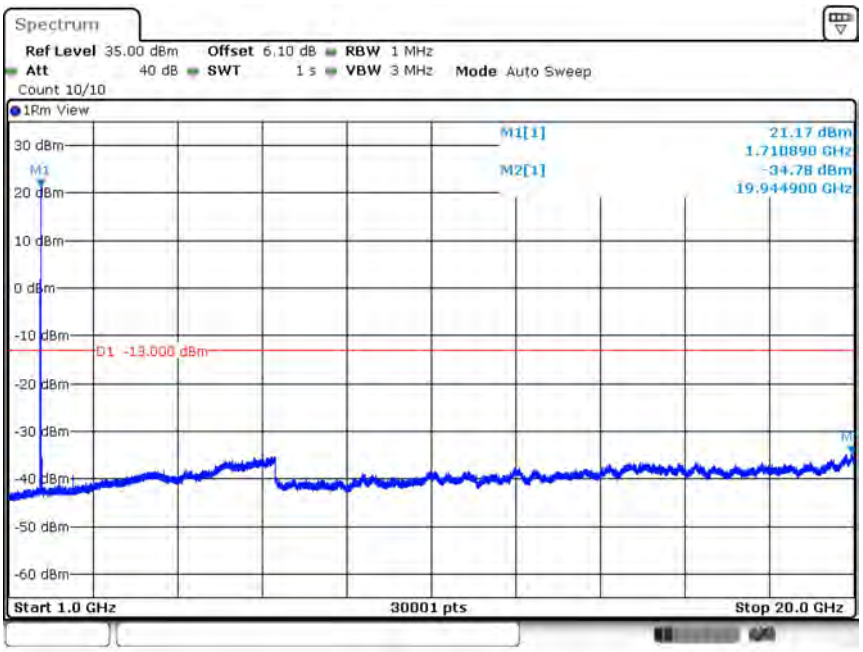
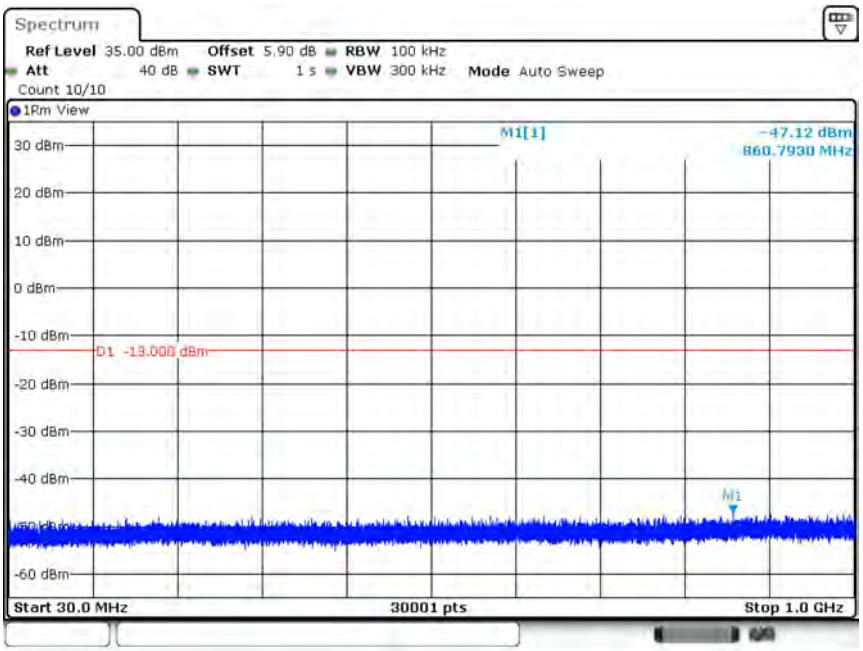
Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~20000MHz



Date: 14.AUG.2020 09:29:17

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



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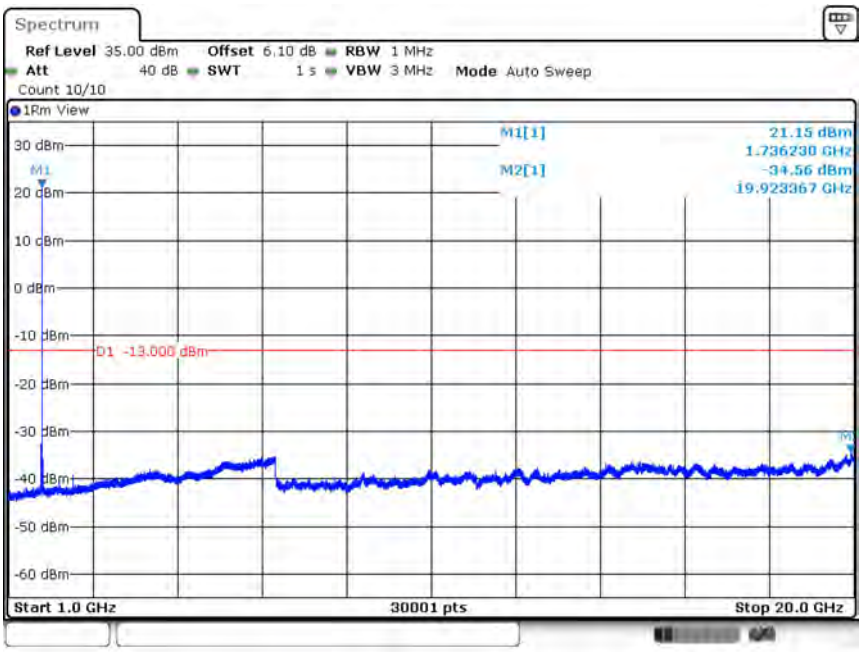
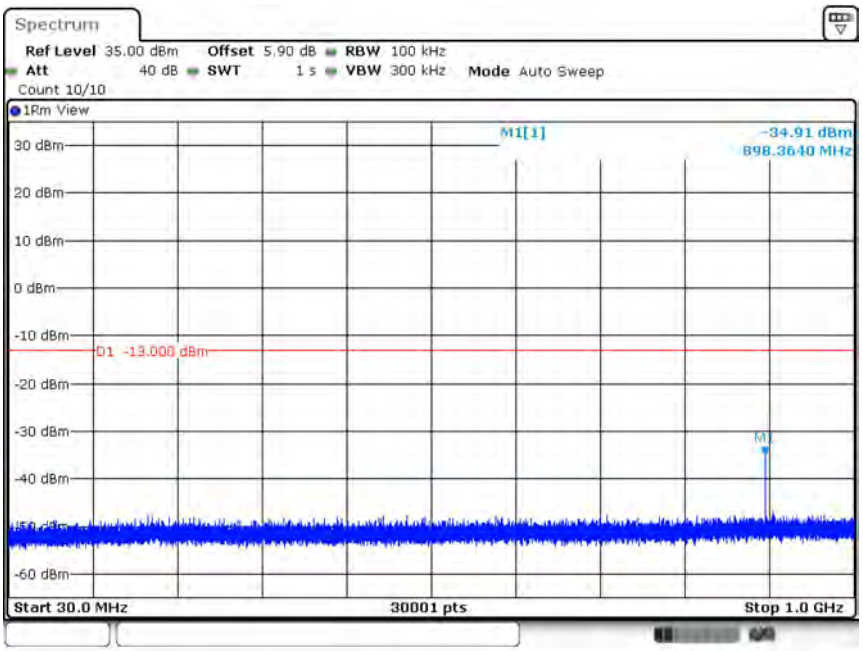
Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



Date: 14.AUG.2020 09:30:27

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



Date: 14.AUG.2020 09:31:22

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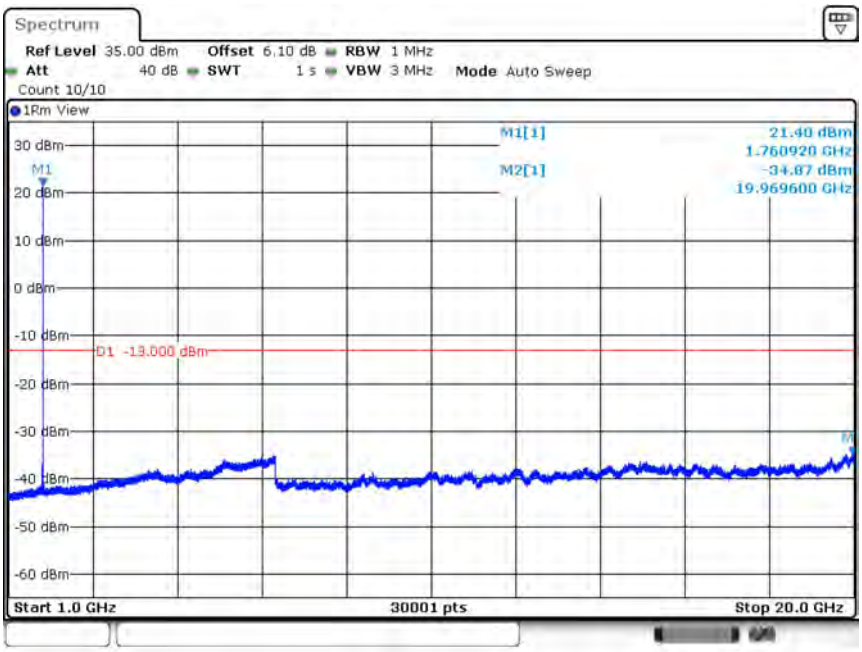
Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~20000MHz



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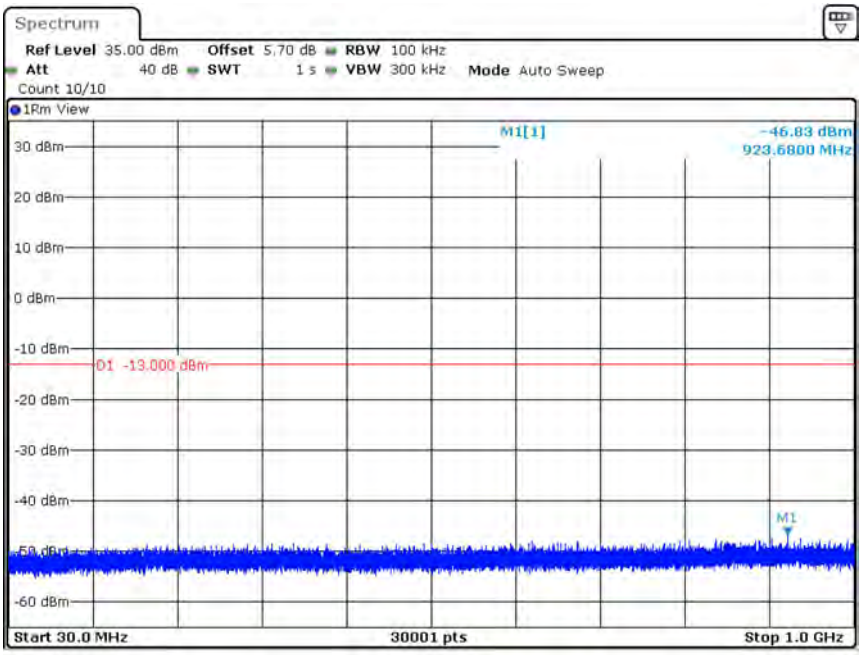
Band66-20MHz-64QAM-132072-1RB#0-Range1:30~1000MHz



Date: 28.AUG.2020 21:42:57

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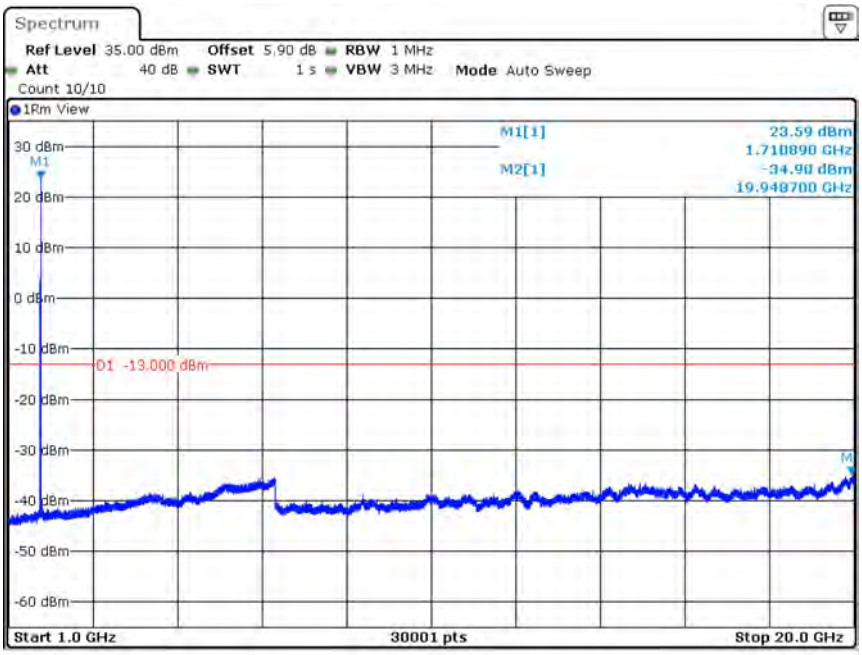
Band66-20MHz-64QAM-132072-1RB#0-Range2:1000~20000MHz



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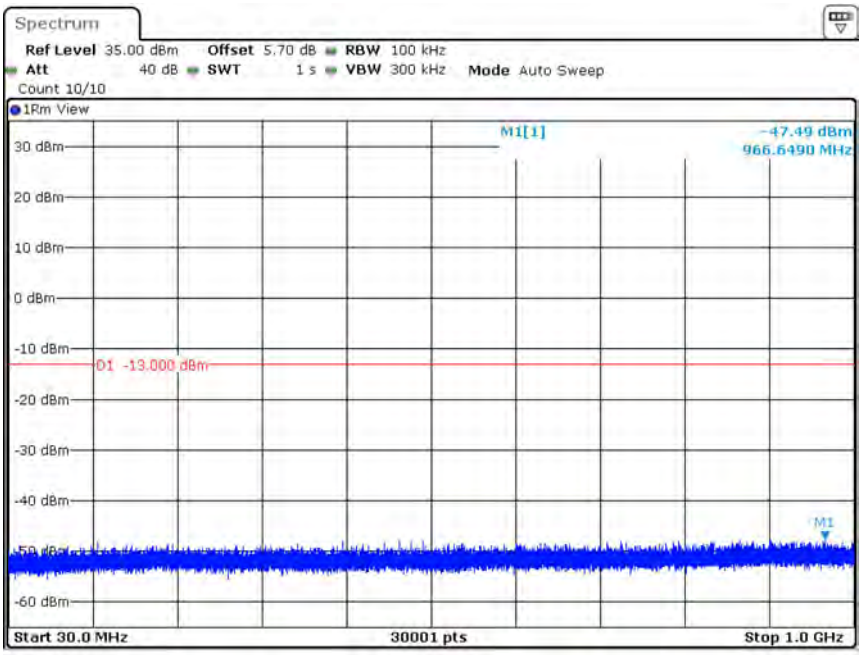
Band66-20MHz-64QAM-132322-1RB#0-Range1:30~1000MHz



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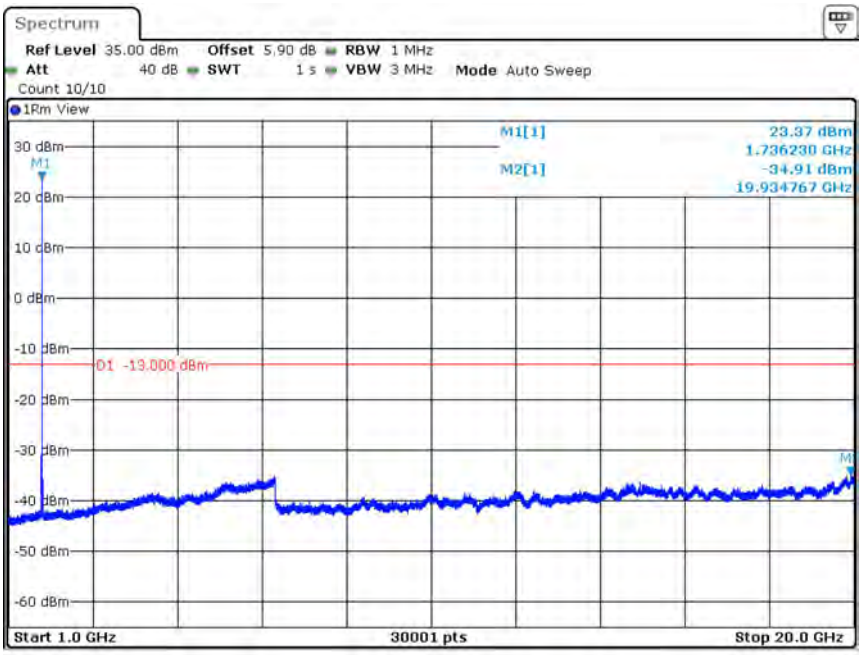
Band66-20MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz



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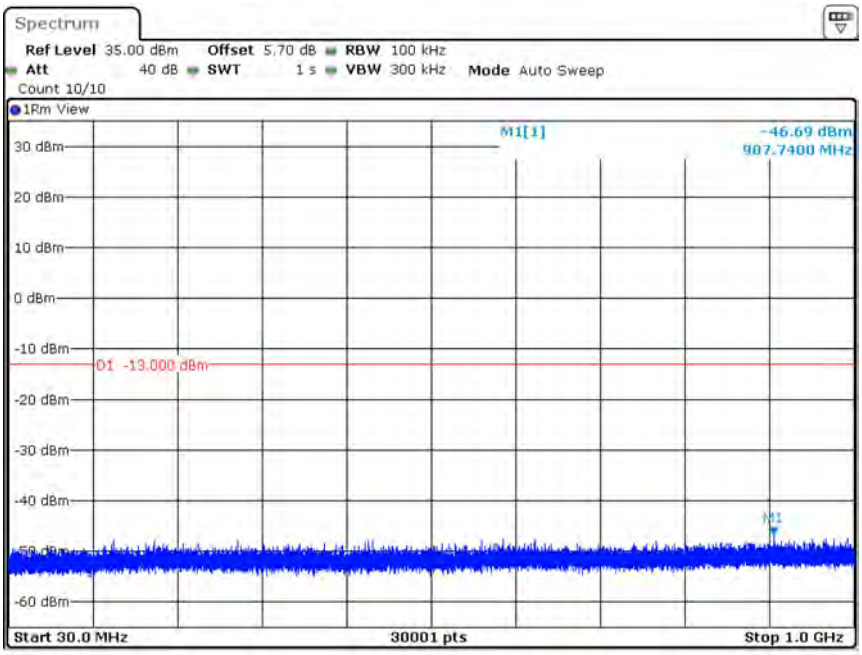

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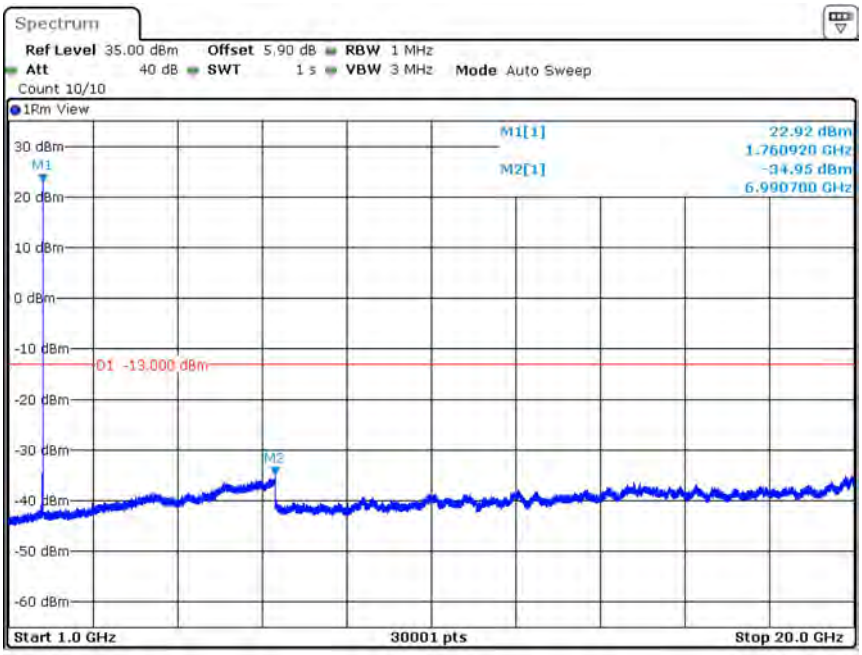
Band66-20MHz-64QAM-132572-1RB#0-Range2:1000~20000MHz



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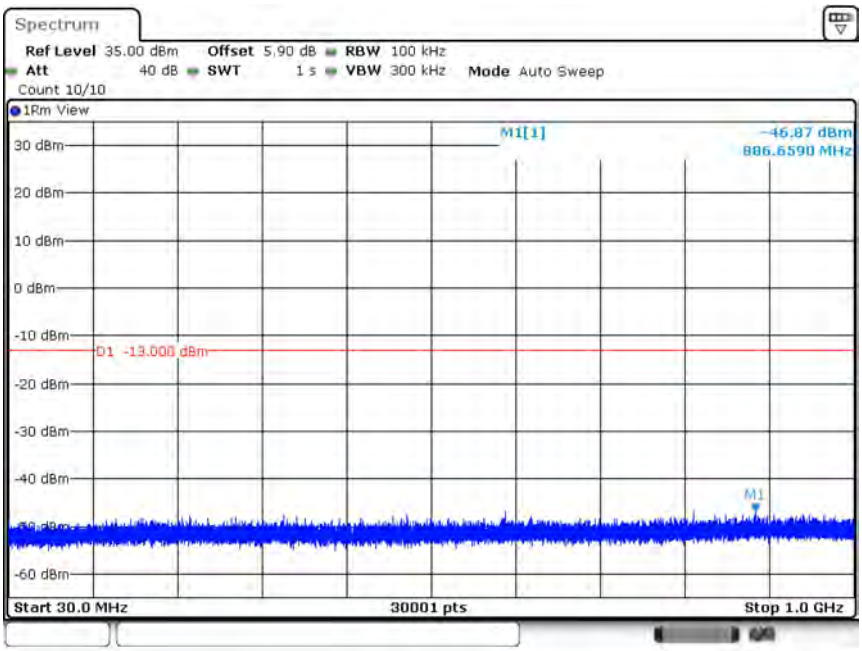

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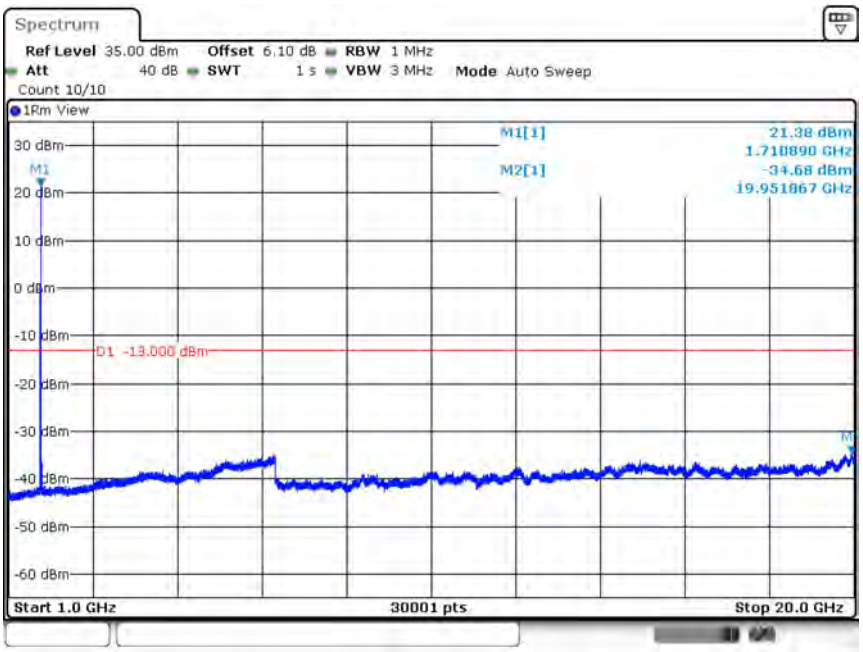

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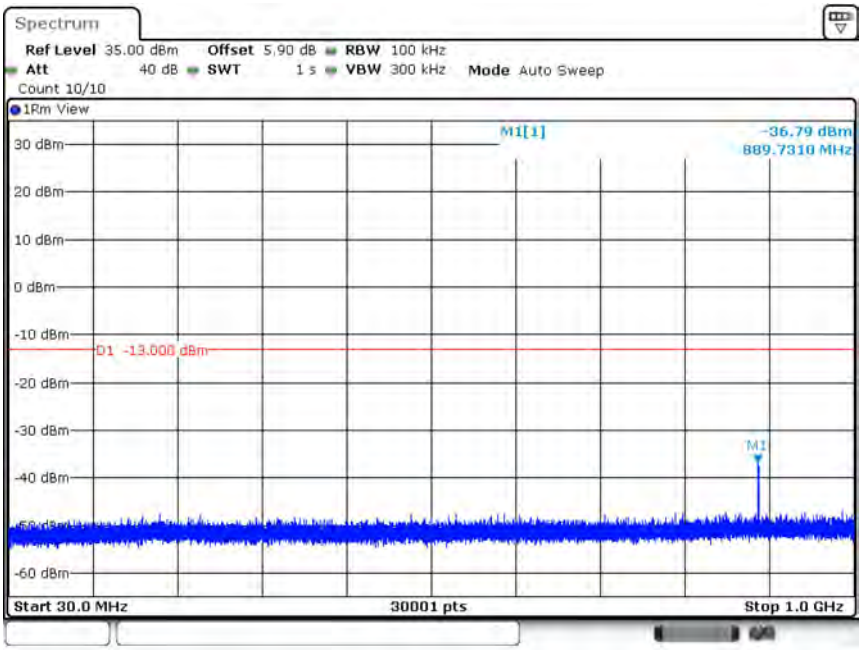

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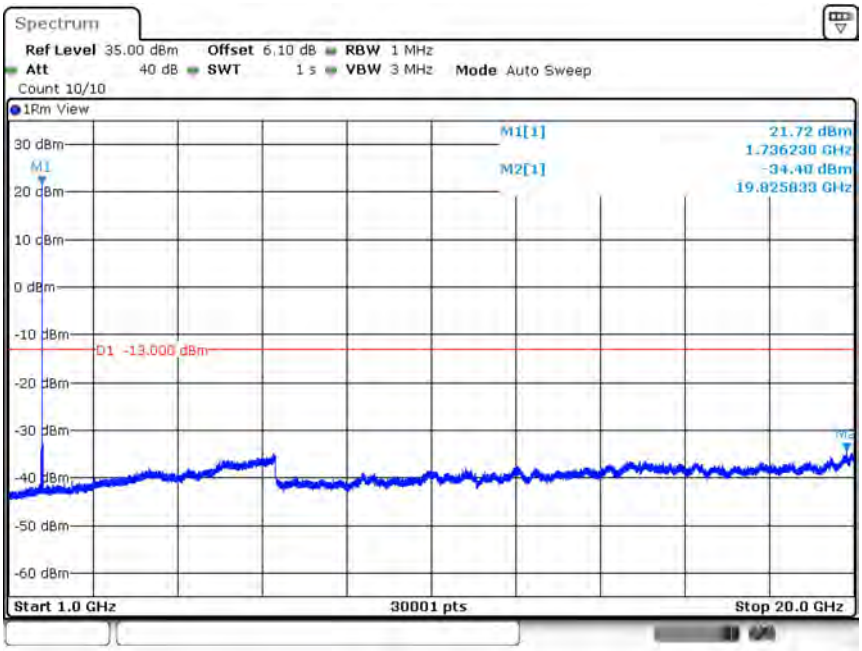

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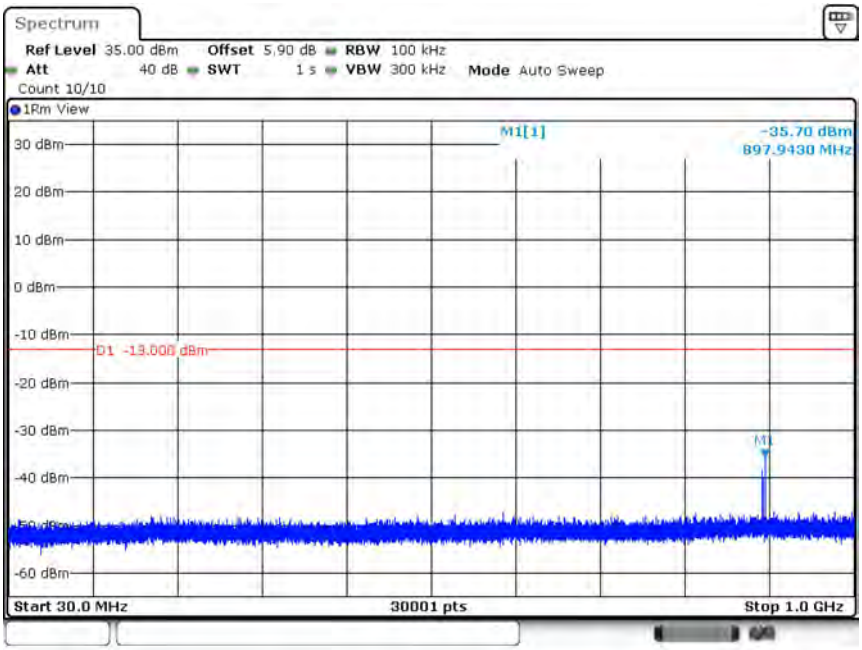

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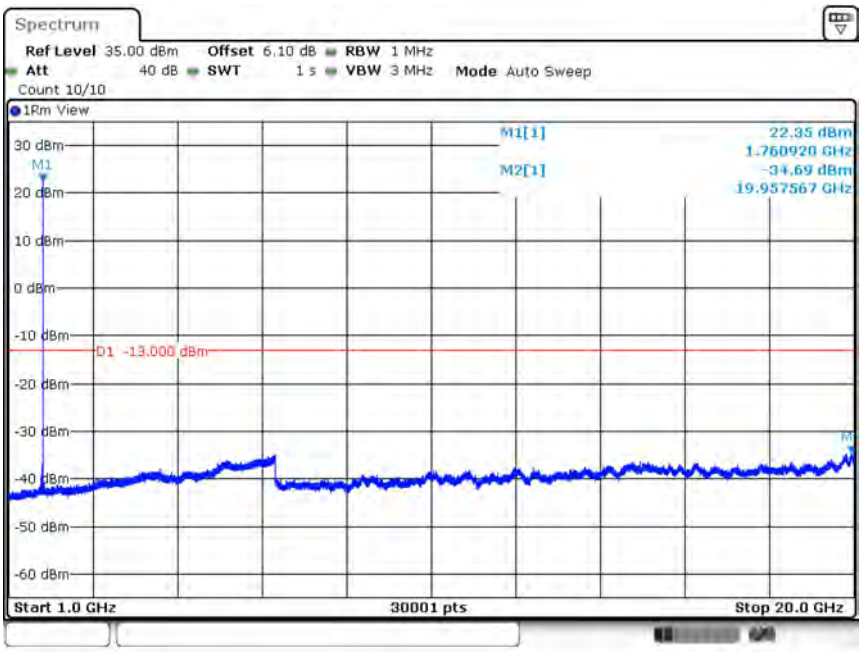

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.8974	-70.10	-13.00	57.10	Vertical
113.9092	-65.13	-13.00	52.13	Vertical
597.6239	-64.46	-13.00	51.46	Vertical
5571.5857	-61.19	-13.00	48.19	Vertical
9302.7101	-52.16	-13.00	39.16	Vertical
17997.9999	-39.65	-13.00	26.65	Vertical
47.1699	-64.55	-13.00	51.55	Horizontal
233.7102	-68.30	-13.00	55.30	Horizontal
566.7278	-64.85	-13.00	51.85	Horizontal
3422.0141	-55.57	-13.00	42.57	Horizontal
7364.6455	-56.34	-13.00	43.34	Horizontal
16395.9465	-43.36	-13.00	30.36	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
52.4566	-71.07	-13.00	58.07	Vertical
113.7637	-65.17	-13.00	52.17	Vertical
374.6582	-68.96	-13.00	55.96	Vertical
3774.0258	-61.92	-13.00	48.92	Vertical
7455.1485	-55.98	-13.00	42.98	Vertical
17995.4999	-39.43	-13.00	26.43	Vertical
42.9501	-64.40	-13.00	51.40	Horizontal
232.0126	-68.38	-13.00	55.38	Horizontal
552.8076	-65.53	-13.00	52.53	Horizontal
3472.5158	-58.49	-13.00	45.49	Horizontal
7466.1489	-55.65	-13.00	42.65	Horizontal
16365.9455	-43.79	-13.00	30.79	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.9644	-72.04	-13.00	59.04	Vertical
113.9092	-65.46	-13.00	52.46	Vertical
380.0905	-67.72	-13.00	54.72	Vertical
3522.0174	-58.69	-13.00	45.69	Vertical
7456.6486	-56.07	-13.00	43.07	Vertical
17991.4997	-40.04	-13.00	27.04	Vertical
42.9501	-62.89	-13.00	49.89	Horizontal
236.8628	-68.64	-13.00	55.64	Horizontal
744.8287	-63.08	-13.00	50.08	Horizontal
3522.5174	-57.41	-13.00	44.41	Horizontal
7473.6491	-55.80	-13.00	42.80	Horizontal
16397.9466	-43.49	-13.00	30.49	Horizontal

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 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	1.80	0.001047	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	1.30	0.000756	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	4.00	0.002326	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-0.50	-0.000287	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-3.20	-0.001834	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	0.50	0.000282	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	0.10	0.000056	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	3.00	0.001695	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VL	NT	4.40	0.002558	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VN	NT	2.30	0.001337	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VH	NT	2.00	0.001163	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VL	NT	-2.60	-0.001490	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VN	NT	-4.40	-0.002521	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VH	NT	-3.00	-0.001719	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VL	NT	1.50	0.000847	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VN	NT	2.50	0.001412	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	2.90	0.001686	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	1.70	0.000988	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	3.20	0.001860	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	0.60	0.000344	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-0.40	-0.000229	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	0.70	0.000395	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	0.40	0.000226	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	1.40	0.000791	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	5.00	0.002907	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	4.10	0.002384	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	1.00	0.000581	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	2.30	0.001337	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	4.50	0.002616	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	3.00	0.001744	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	2.50	0.001453	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	3.10	0.001802	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	2.80	0.001628	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-4.40	-0.002521	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-1.30	-0.000745	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	0.80	0.000458	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-2.60	-0.001490	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.90	-0.001662	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-3.20	-0.001834	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-4.20	-0.002407	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	3.60	0.002063	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	3.40	0.001921	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	0.30	0.000169	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	2.40	0.001356	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	1.50	0.000847	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	3.00	0.001695	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	1.60	0.000904	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	2.10	0.001186	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	3.70	0.002090	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-30	1.10	0.000640	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-20	1.20	0.000698	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-10	2.40	0.001395	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	0	1.40	0.000814	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	10	2.50	0.001453	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	20	3.60	0.002093	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	30	3.40	0.001977	±2.5	PASS

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Band66	20MHz	64QAM	132072	100RB#0	NV	40	2.40	0.001395	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	50	1.20	0.000698	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-30	-2.00	-0.001146	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-10	-3.80	-0.002178	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	0	-1.90	-0.001089	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	10	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	20	-2.20	-0.001261	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	30	-3.60	-0.002063	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	40	-1.70	-0.000974	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	50	-3.00	-0.001719	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-30	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-20	-0.20	-0.000113	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-10	0.00	0.000000	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	0	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	10	4.20	0.002373	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	20	1.80	0.001017	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	30	0.90	0.000508	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	40	0.70	0.000395	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	50	1.60	0.000904	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	3.90	0.002267	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	3.90	0.002267	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-10	2.20	0.001279	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	3.80	0.002209	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	3.20	0.001860	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	4.80	0.002791	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	30	3.30	0.001919	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	40	-2.90	-0.001686	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	50	-2.30	-0.001337	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	-3.50	-0.002006	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-2.80	-0.001605	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	-1.40	-0.000802	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-3.20	-0.001834	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-1.20	-0.000688	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-2.00	-0.001146	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	1.30	0.000745	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	1.70	0.000974	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	-2.50	-0.001433	±2.5	PASS

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Band66	20MHz	16QAM	132572	100RB#0	NV	-30	2.80	0.001582	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	2.80	0.001582	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-10	2.10	0.001186	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	1.30	0.000734	±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	2.10	0.001186	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	30	1.30	0.000734	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	40	1.00	0.000565	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	50	2.50	0.001412	±2.5	PASS

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