Appendix B

E-UTRA Band 66

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1 Effective (Isotropic) Radiated Power

1.1Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.54	21.95	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.64	22.05	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.46	21.87	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.53	21.94	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.55	21.96	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.65	22.06	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.61	21.02	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.68	22.09	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.87	22.28	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.78	22.19	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	22.97	22.38	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.00	22.41	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	22.85	22.26	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.94	21.35	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.60	22.01	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.79	22.20	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.72	22.13	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	22.77	22.18	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	22.78	22.19	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	22.80	22.21	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.73	21.14	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.89	21.30	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.04	21.45	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.71	21.12	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.77	21.18	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	21.90	21.31	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	21.59	21.00	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.77	20.18	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.90	21.31	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.82	21.23	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.87	21.28	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.08	21.49	30.00	PASS

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Band66	1.4MHz	16QAM	132322	3RB#1	22.02	21.43	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	21.95	21.36	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.04	20.45	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.89	21.30	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.96	21.37	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	20.95	20.36	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	21.69	21.10	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	21.75	21.16	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	21.74	21.15	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.70	20.11	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.53	19.94	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.64	20.05	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.40	19.81	30.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#0	20.44	19.85	30.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#1	20.47	19.88	30.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#3	20.61	20.02	30.00	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	19.60	19.01	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	20.65	20.06	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	20.83	20.24	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	20.71	20.12	30.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#0	20.97	20.38	30.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#1	20.90	20.31	30.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#3	20.79	20.20	30.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	19.94	19.35	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	20.56	19.97	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.72	20.13	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	20.67	20.08	30.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#0	20.69	20.10	30.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#1	20.78	20.19	30.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#3	20.80	20.21	30.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.66	19.07	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.52	21.93	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.40	21.81	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.69	22.10	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.64	21.05	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.78	21.19	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#7	21.74	21.15	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.58	20.99	30.00	PASS

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Band66	3MHz	QPSK	132322	1RB#0	22.87	22.28	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.83	22.24	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.61	22.02	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#0	21.93	21.34	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	21.83	21.24	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	21.87	21.28	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.83	21.24	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.58	21.99	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.71	22.12	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.67	22.08	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#0	21.68	21.09	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#4	21.61	21.02	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#7	21.67	21.08	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.51	20.92	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.70	21.11	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.66	21.07	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.35	20.76	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.76	20.17	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.67	20.08	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.91	20.32	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.61	20.02	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.59	21.00	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.67	21.08	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.27	20.68	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.00	20.41	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.00	20.41	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.03	20.44	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.05	20.46	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.17	20.58	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.08	20.49	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.94	21.35	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#0	20.76	20.17	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#4	20.77	20.18	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#7	20.80	20.21	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.75	20.16	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	20.52	19.93	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.38	19.79	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.62	20.03	30.00	PASS

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Band66	3MHz	64QAM	131987	8RB#0	19.59	19.00	30.00	PASS
Band66	3MHz	64QAM	131987	8RB#4	19.77	19.18	30.00	PASS
Band66	3MHz	64QAM	131987	8RB#7	19.72	19.13	30.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.57	18.98	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.87	20.28	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	20.77	20.18	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	20.56	19.97	30.00	PASS
Band66	3MHz	64QAM	132322	8RB#0	19.88	19.29	30.00	PASS
Band66	3MHz	64QAM	132322	8RB#4	19.74	19.15	30.00	PASS
Band66	3MHz	64QAM	132322	8RB#7	19.86	19.27	30.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	19.77	19.18	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.55	19.96	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.61	20.02	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	20.67	20.08	30.00	PASS
Band66	3MHz	64QAM	132657	8RB#0	19.68	19.09	30.00	PASS
Band66	3MHz	64QAM	132657	8RB#4	19.57	18.98	30.00	PASS
Band66	3MHz	64QAM	132657	8RB#7	19.65	19.06	30.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.46	18.87	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.59	22.00	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.49	21.90	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.77	22.18	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.70	21.11	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.69	21.10	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.62	21.03	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.65	21.06	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.88	22.29	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.69	22.10	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.42	21.83	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#0	21.82	21.23	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#6	21.96	21.37	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#13	21.74	21.15	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.80	21.21	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.57	21.98	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.53	21.94	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.68	22.09	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#0	21.60	21.01	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#6	21.66	21.07	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#13	21.85	21.26	30.00	PASS

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Band66	5MHz	QPSK	132647	25RB#0	21.66	21.07	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.65	21.06	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.67	21.08	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.05	20.46	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.82	20.23	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#6	20.47	19.88	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.59	20.00	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.67	20.08	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.99	21.40	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.69	21.10	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.72	21.13	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#0	20.69	20.10	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#6	20.94	20.35	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#13	20.73	20.14	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.89	20.30	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.52	20.93	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	20.96	20.37	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.52	20.93	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#0	20.72	20.13	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#6	20.57	19.98	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#13	20.82	20.23	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.84	20.25	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.52	19.93	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	20.40	19.81	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.67	20.08	30.00	PASS
Band66	5MHz	64QAM	131997	12RB#0	19.63	19.04	30.00	PASS
Band66	5MHz	64QAM	131997	12RB#6	19.66	19.07	30.00	PASS
Band66	5MHz	64QAM	131997	12RB#13	19.62	19.03	30.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.57	18.98	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.84	20.25	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	20.65	20.06	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	20.41	19.82	30.00	PASS
Band66	5MHz	64QAM	132322	12RB#0	19.72	19.13	30.00	PASS
Band66	5MHz	64QAM	132322	12RB#6	19.86	19.27	30.00	PASS
Band66	5MHz	64QAM	132322	12RB#13	19.67	19.08	30.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	19.78	19.19	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.47	19.88	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.46	19.87	30.00	PASS

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Band66	5MHz	64QAM	132647	1RB#24	20.65	20.06	30.00	PASS
Band66	5MHz	64QAM	132647	12RB#0	19.60	19.01	30.00	PASS
Band66	5MHz	64QAM	132647	12RB#6	19.63	19.04	30.00	PASS
Band66	5MHz	64QAM	132647	12RB#13	19.75	19.16	30.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.63	19.04	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.75	22.16	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.78	22.19	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.81	22.22	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.67	21.08	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.73	21.14	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.68	21.09	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.67	21.08	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.70	22.11	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.82	22.23	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.69	22.10	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#0	21.87	21.28	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#12	21.97	21.38	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#25	21.69	21.10	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.89	21.30	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.73	22.14	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.79	22.20	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.86	22.27	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#0	21.78	21.19	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#12	21.90	21.31	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#25	21.83	21.24	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.87	21.28	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.46	20.87	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.54	20.95	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.36	20.77	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#0	20.81	20.22	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#12	20.78	20.19	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.79	20.20	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.81	20.22	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.70	21.11	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.21	21.62	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.55	20.96	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#0	20.95	20.36	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.05	20.46	30.00	PASS

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Band66	10MHz	16QAM	132322	25RB#25	20.87	20.28	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.87	20.28	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.98	21.39	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.70	21.11	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.78	21.19	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#0	20.82	20.23	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#12	20.88	20.29	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#25	20.95	20.36	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.95	20.36	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.68	20.09	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	20.72	20.13	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.79	20.20	30.00	PASS
Band66	10MHz	64QAM	132022	25RB#0	19.58	18.99	30.00	PASS
Band66	10MHz	64QAM	132022	25RB#12	19.67	19.08	30.00	PASS
Band66	10MHz	64QAM	132022	25RB#25	19.58	18.99	30.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.58	18.99	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.67	20.08	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	20.73	20.14	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	20.68	20.09	30.00	PASS
Band66	10MHz	64QAM	132322	25RB#0	19.85	19.26	30.00	PASS
Band66	10MHz	64QAM	132322	25RB#12	19.96	19.37	30.00	PASS
Band66	10MHz	64QAM	132322	25RB#25	19.64	19.05	30.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	19.83	19.24	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.69	20.10	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.69	20.10	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.78	20.19	30.00	PASS
Band66	10MHz	64QAM	132622	25RB#0	19.74	19.15	30.00	PASS
Band66	10MHz	64QAM	132622	25RB#12	19.84	19.25	30.00	PASS
Band66	10MHz	64QAM	132622	25RB#25	19.81	19.22	30.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	19.79	19.20	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.69	22.10	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.73	22.14	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.82	22.23	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#0	21.85	21.26	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#18	21.83	21.24	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#37	21.82	21.23	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.77	21.18	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.65	22.06	30.00	PASS

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Band66	15MHz	QPSK	132322	1RB#38	22.57	21.98	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.67	22.08	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#0	21.86	21.27	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#18	21.92	21.33	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#37	21.68	21.09	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.77	21.18	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.09	22.50	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.71	22.12	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.86	22.27	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#0	21.77	21.18	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#18	21.70	21.11	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#37	21.74	21.15	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.86	21.27	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.31	20.72	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.22	20.63	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.51	20.92	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#0	20.85	20.26	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#18	20.80	20.21	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#37	20.93	20.34	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.88	20.29	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.09	21.50	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.10	21.51	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.00	21.41	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#0	20.82	20.23	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#18	20.92	20.33	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#37	20.65	20.06	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.81	20.22	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.68	21.09	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.20	20.61	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.16	20.57	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#0	20.81	20.22	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#18	20.75	20.16	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#37	20.92	20.33	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.76	20.17	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.60	20.01	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.73	20.14	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	20.81	20.22	30.00	PASS
Band66	15MHz	64QAM	132047	38RB#0	19.77	19.18	30.00	PASS

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Band66	15MHz	64QAM	132047	38RB#18	19.74	19.15	30.00	PASS
Band66	15MHz	64QAM	132047	38RB#37	19.81	19.22	30.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.76	19.17	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	20.58	19.99	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.49	19.90	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	20.57	19.98	30.00	PASS
Band66	15MHz	64QAM	132322	38RB#0	19.84	19.25	30.00	PASS
Band66	15MHz	64QAM	132322	38RB#18	19.87	19.28	30.00	PASS
Band66	15MHz	64QAM	132322	38RB#37	19.67	19.08	30.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	19.71	19.12	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.02	20.43	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	20.69	20.10	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.80	20.21	30.00	PASS
Band66	15MHz	64QAM	132597	38RB#0	19.77	19.18	30.00	PASS
Band66	15MHz	64QAM	132597	38RB#18	19.61	19.02	30.00	PASS
Band66	15MHz	64QAM	132597	38RB#37	19.73	19.14	30.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.77	19.18	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.78	22.19	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.76	22.17	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.75	22.16	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.68	21.09	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.68	21.09	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.85	21.26	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.70	21.11	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.92	22.33	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.79	22.20	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.52	21.93	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#0	21.91	21.32	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#25	21.97	21.38	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#50	21.70	21.11	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.91	21.32	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.90	22.31	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.80	22.21	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.94	22.35	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.00	21.41	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#25	21.62	21.03	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#50	21.73	21.14	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.92	21.33	30.00	PASS

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Band66	20MHz	16QAM	132072	1RB#0	21.42	20.83	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.28	20.69	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.19	20.60	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#0	20.69	20.10	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.67	20.08	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#50	20.76	20.17	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.77	20.18	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.45	20.86	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.16	21.57	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.71	21.12	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#0	20.98	20.39	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#25	20.95	20.36	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#50	20.77	20.18	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.86	20.27	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.60	21.01	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.22	20.63	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.12	20.53	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.11	20.52	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#25	20.88	20.29	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#50	20.71	20.12	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.68	20.09	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.76	20.17	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.74	20.15	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.65	20.06	30.00	PASS
Band66	20MHz	64QAM	132072	50RB#0	19.58	18.99	30.00	PASS
Band66	20MHz	64QAM	132072	50RB#25	19.68	19.09	30.00	PASS
Band66	20MHz	64QAM	132072	50RB#50	19.78	19.19	30.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.65	19.06	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.90	20.31	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	20.79	20.20	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.46	19.87	30.00	PASS
Band66	20MHz	64QAM	132322	50RB#0	19.90	19.31	30.00	PASS
Band66	20MHz	64QAM	132322	50RB#25	19.93	19.34	30.00	PASS
Band66	20MHz	64QAM	132322	50RB#50	19.66	19.07	30.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	19.88	19.29	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.81	20.22	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	20.80	20.21	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.87	20.28	30.00	PASS

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Band66	20MHz	64QAM	132572	50RB#0	19.92	19.33	30.00	PASS
Band66	20MHz	64QAM	132572	50RB#25	19.61	19.02	30.00	PASS
Band66	20MHz	64QAM	132572	50RB#50	19.64	19.05	30.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.88	19.29	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	5.01	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.99	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.72	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.88	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.86	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.77	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.58	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.52	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.38	13	PASS

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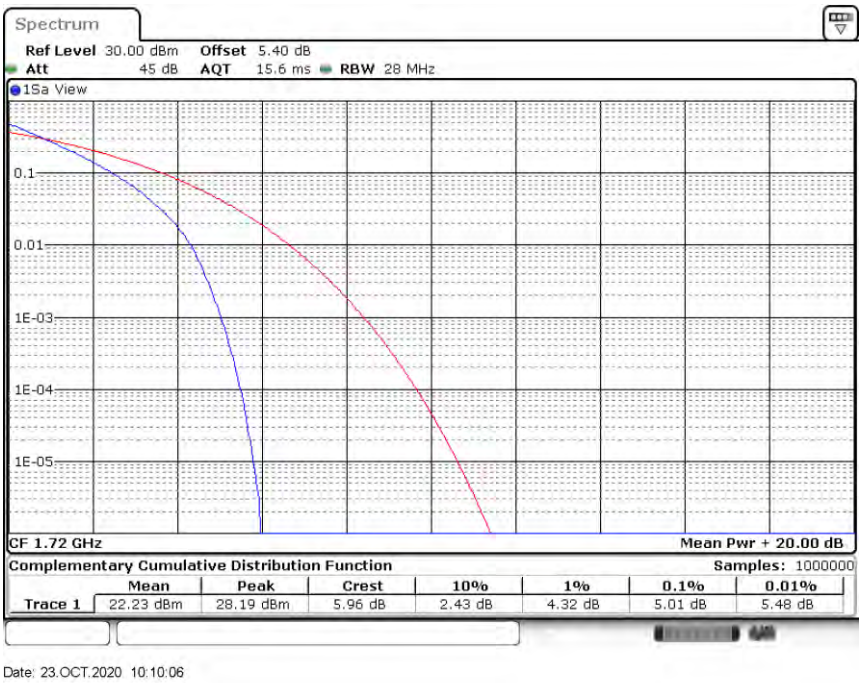
2.2 Test Plots

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



Date: 23.OCT.2020 10:10:06

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

Date: 23.OCT.2020 10:10:34

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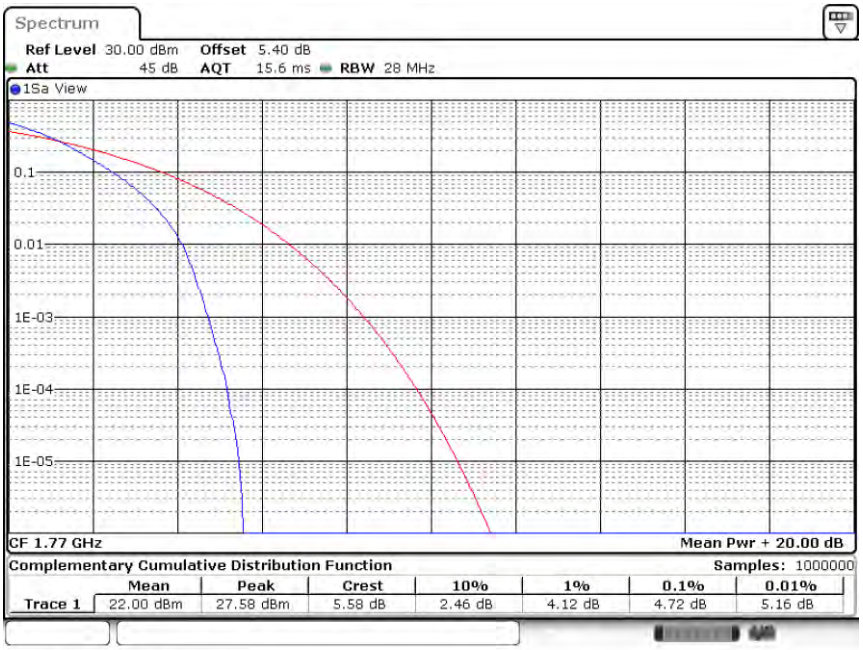

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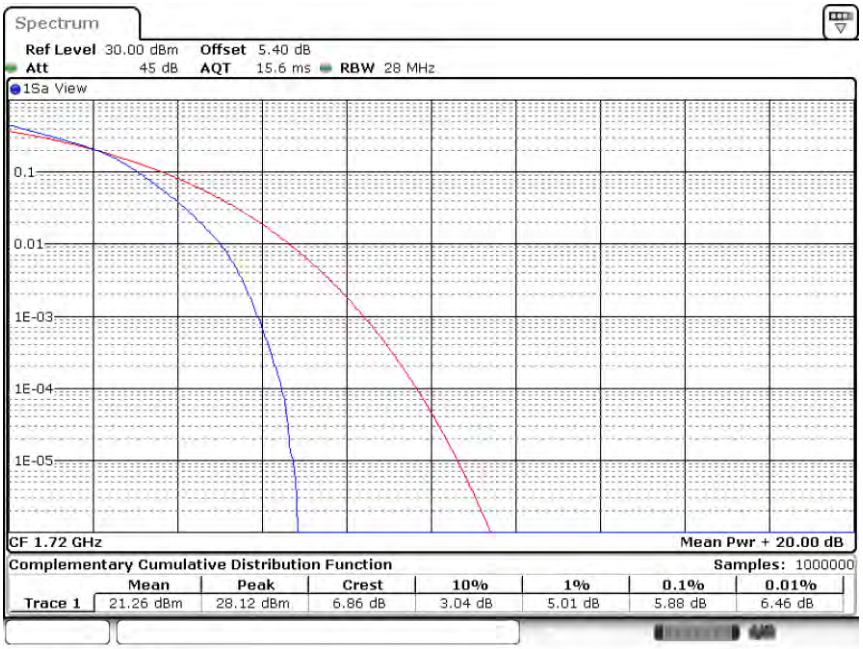

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Band66-20MHz-16QAM-132322-100RB#0

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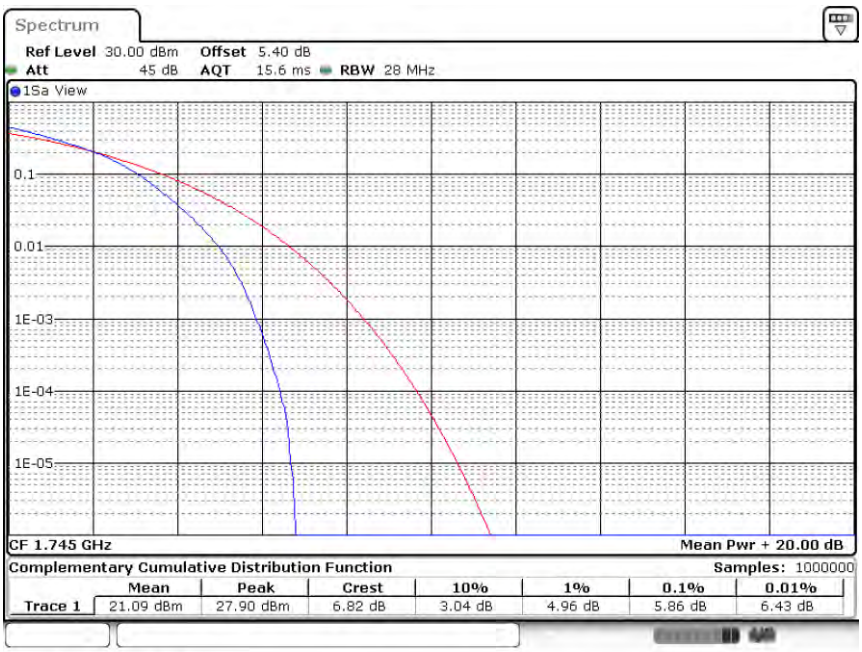

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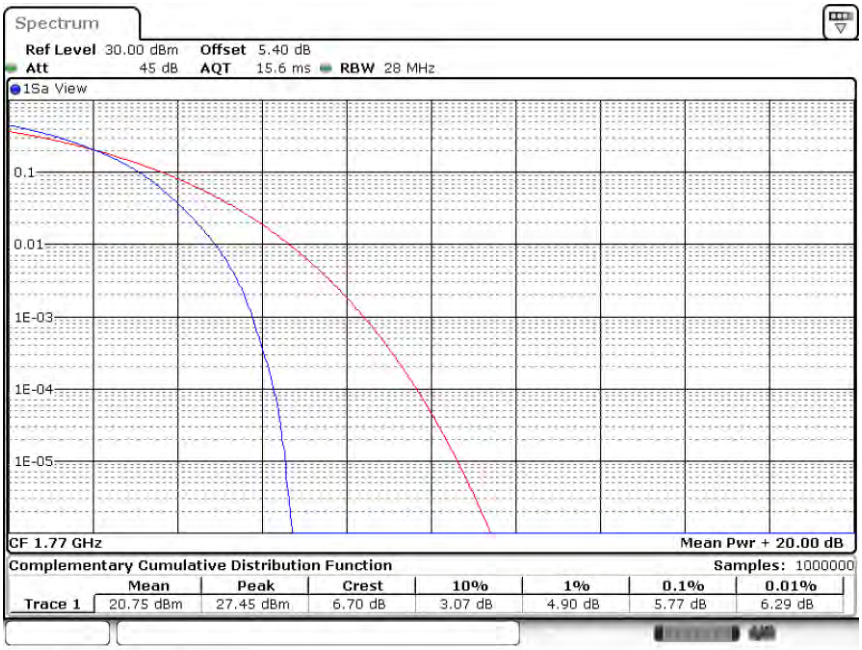
Band66-20MHz-16QAM-132572-100RB#0



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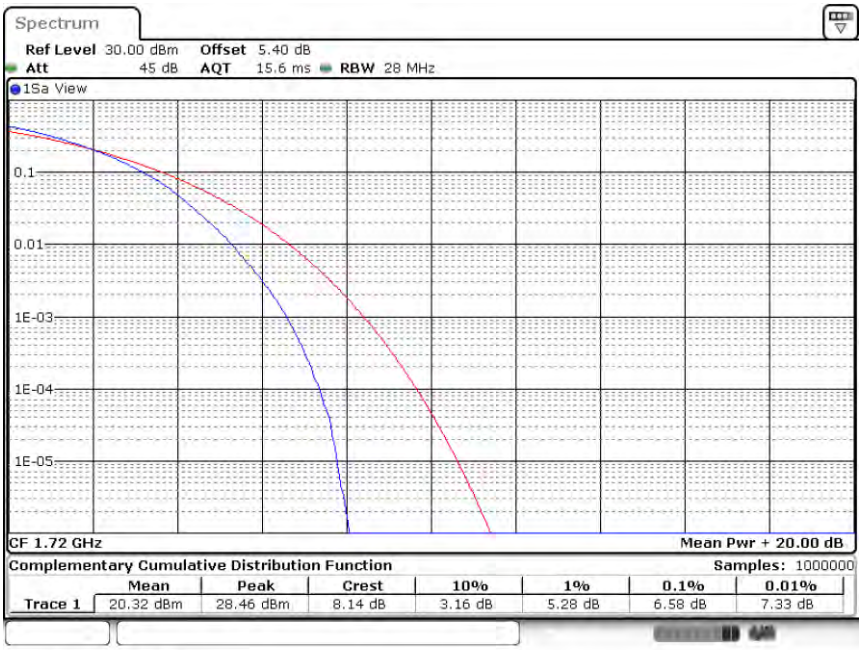
Band66-20MHz-64QAM-132072-100RB#0



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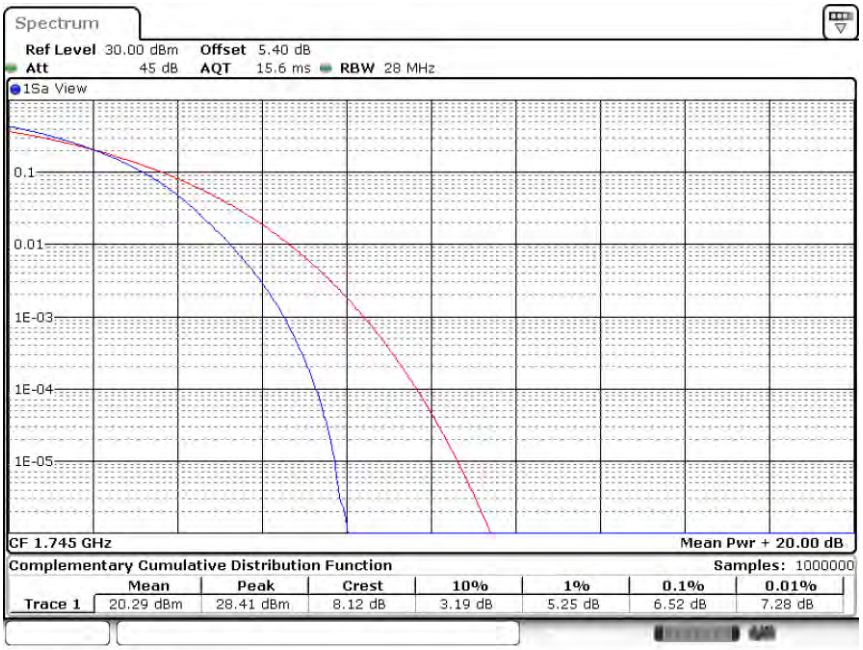
Band66-20MHz-64QAM-132322-100RB#0



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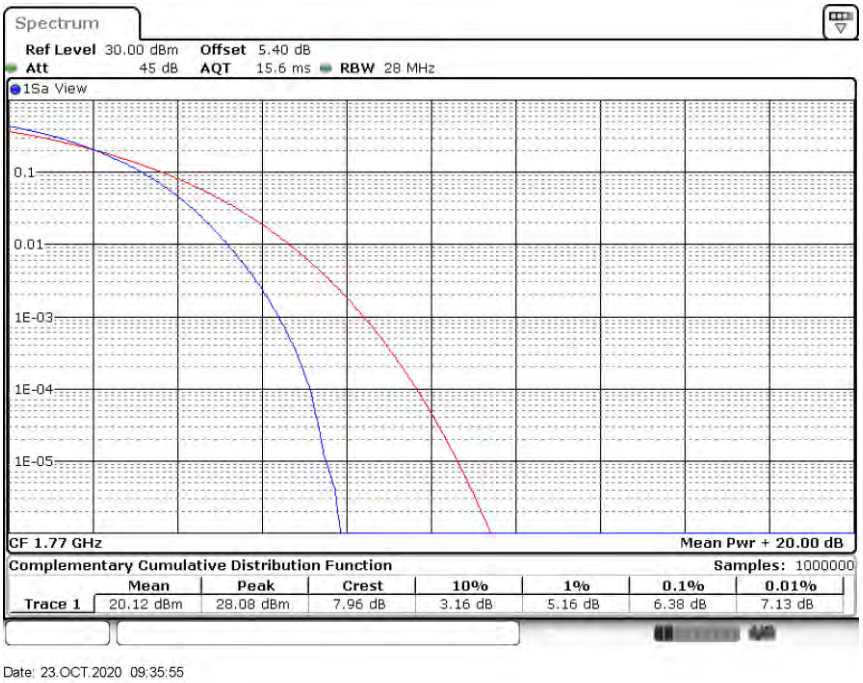

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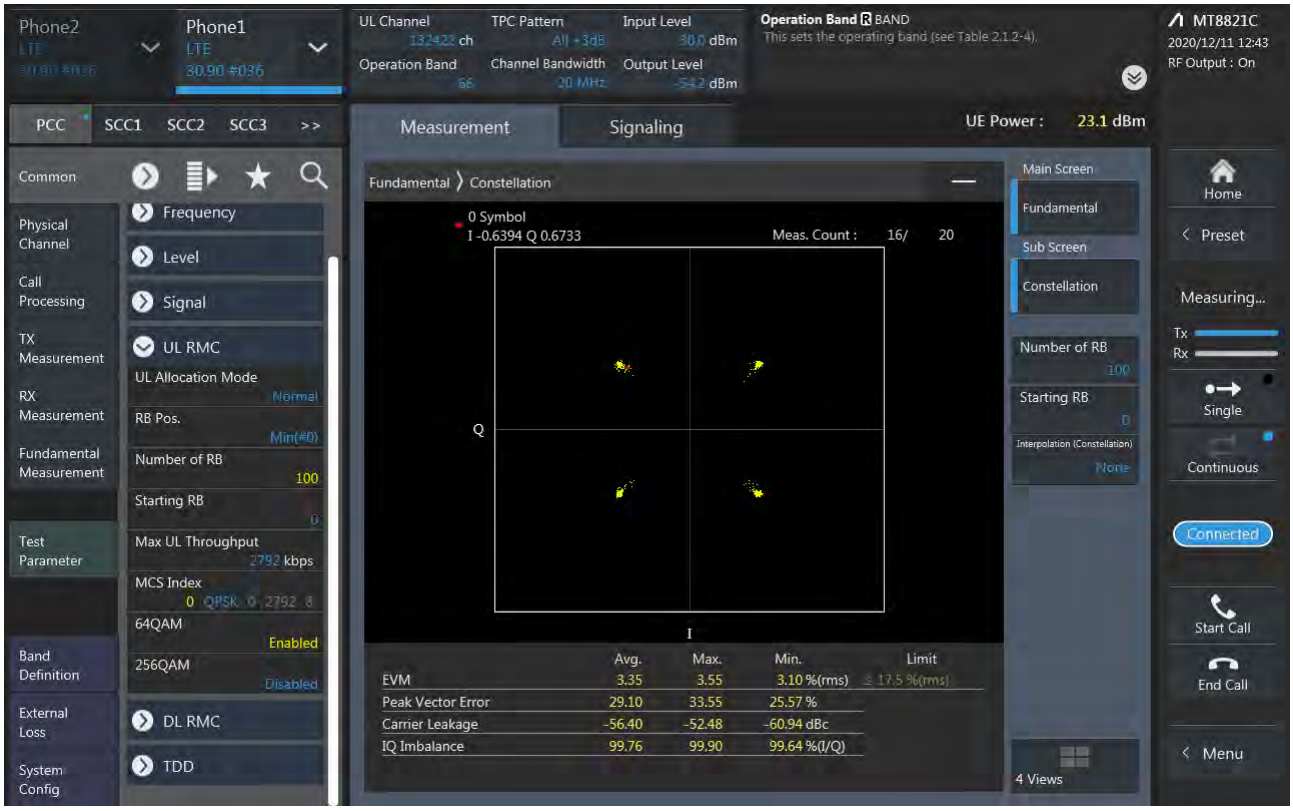
3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 20MHz

3.1.1 Test Channel = MCH



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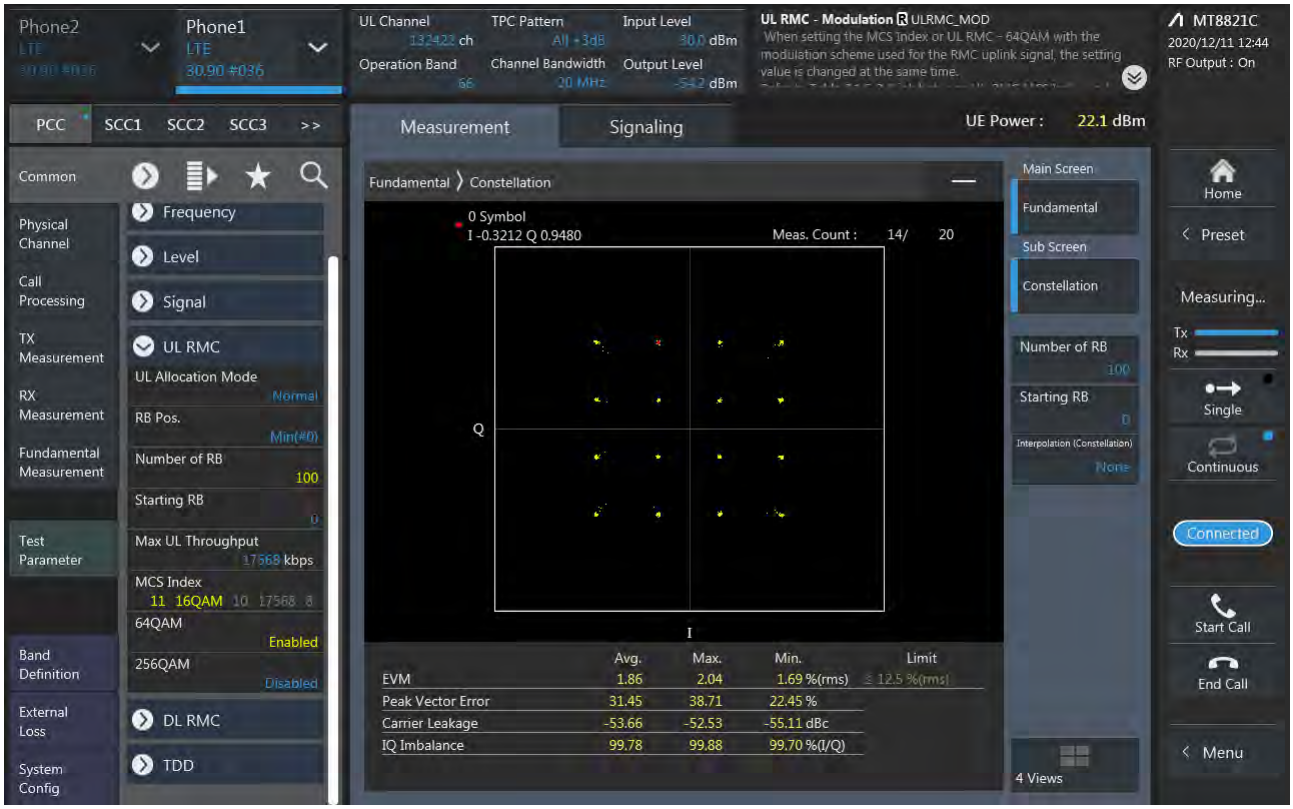
3.2 Test Mode = LTE /TM2 20MHz

3.2.1 Test Channel = MCH



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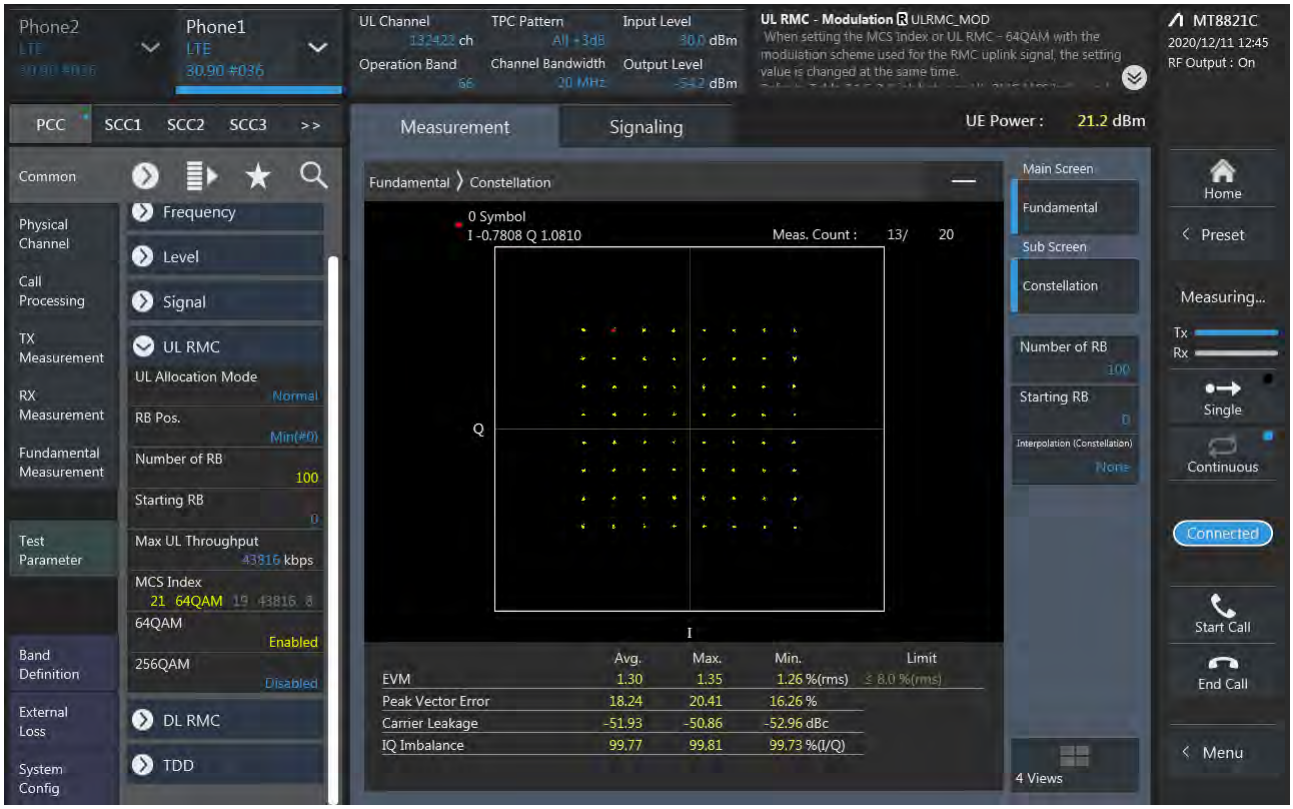
3.3 Test Mode = LTE /TM3 20MHz

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	1.091	1.290	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.091	1.287	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.284	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.088	1.272	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.091	1.275	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.094	1.299	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.1	1.299	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.097	1.296	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.691	2.976	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.697	2.982	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.697	2.994	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.685	2.934	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.691	2.970	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.691	2.970	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.691	2.970	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.691	2.970	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.691	2.976	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	4.910	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.910	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	4.930	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	4.940	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.486	4.930	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.486	4.920	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.476	4.920	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.466	4.920	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	4.920	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.911	9.680	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.911	9.740	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.911	9.700	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.931	9.760	PASS

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Band66	10MHz	16QAM	132322	50RB#0	8.931	9.780	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.911	9.700	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.931	9.720	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.911	9.720	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.911	9.640	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.487	14.730	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.397	14.760	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.367	14.610	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.457	14.700	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.427	14.700	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.397	14.730	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.427	14.850	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.427	14.820	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.367	14.790	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.862	19.400	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.862	19.400	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.782	19.200	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.902	19.480	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.822	19.400	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.742	19.240	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.862	18.960	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.862	19.000	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.862	18.880	PASS

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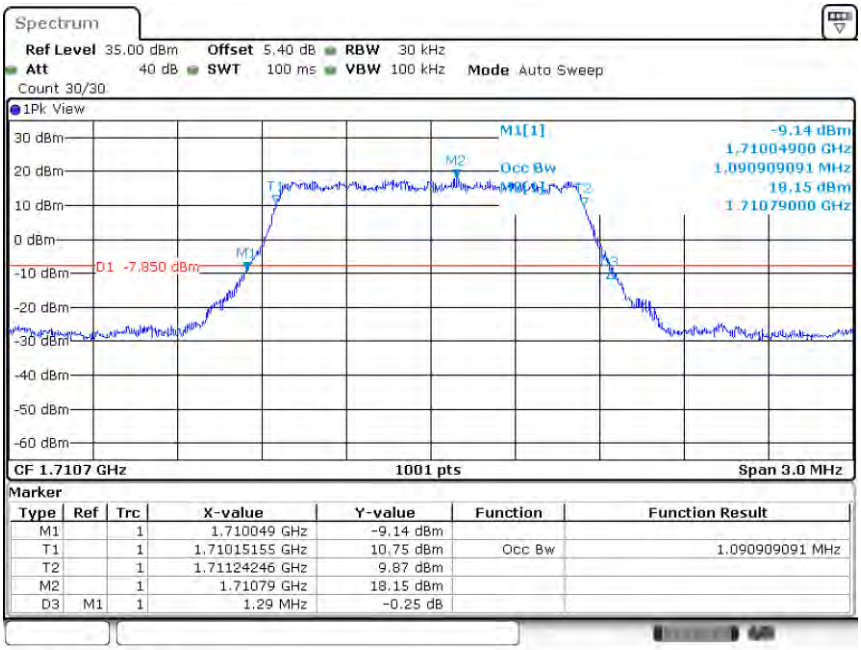
4.2 Test Plots

Band66-1.4MHz-QPSK-131979-6RB#0-1.091



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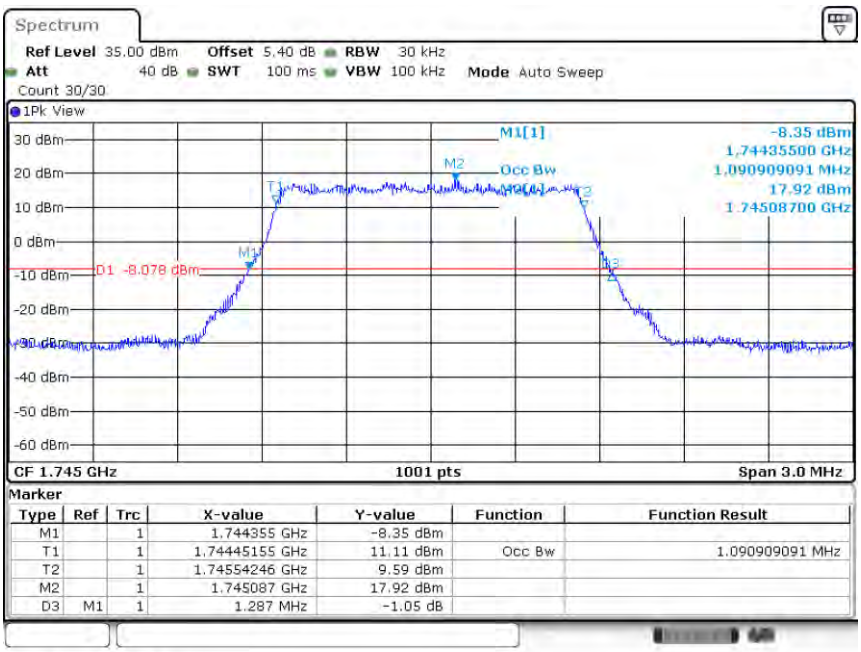

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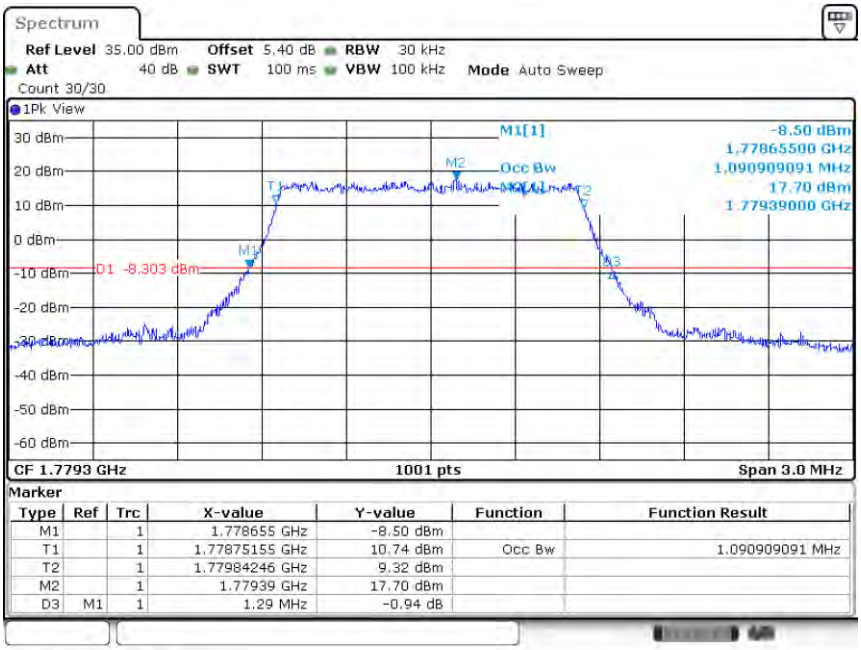
Band66-1.4MHz-QPSK-132665-6RB#0-1.091



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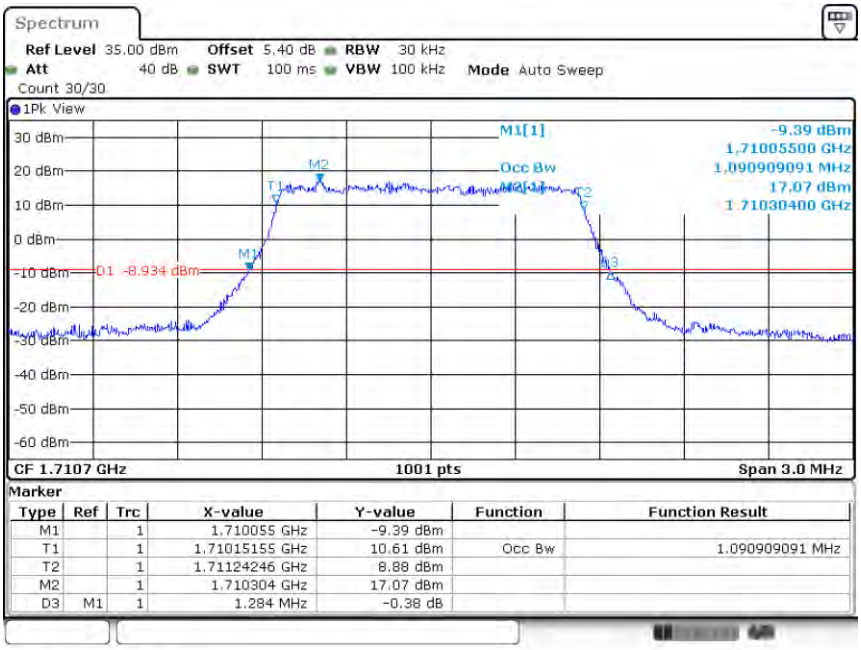
Band66-1.4MHz-16QAM-131979-6RB#0-1.091



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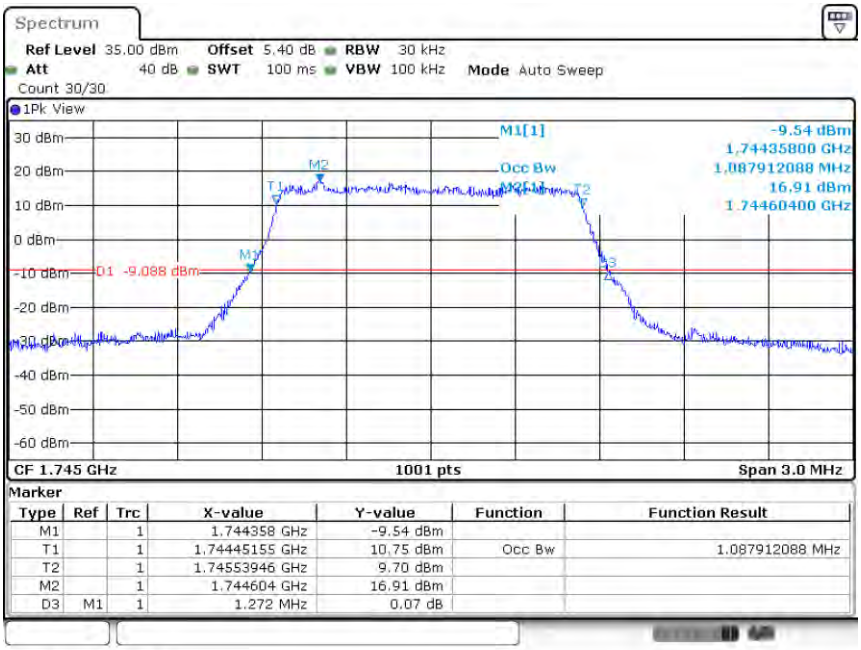
Band66-1.4MHz-16QAM-132322-6RB#0-1.088



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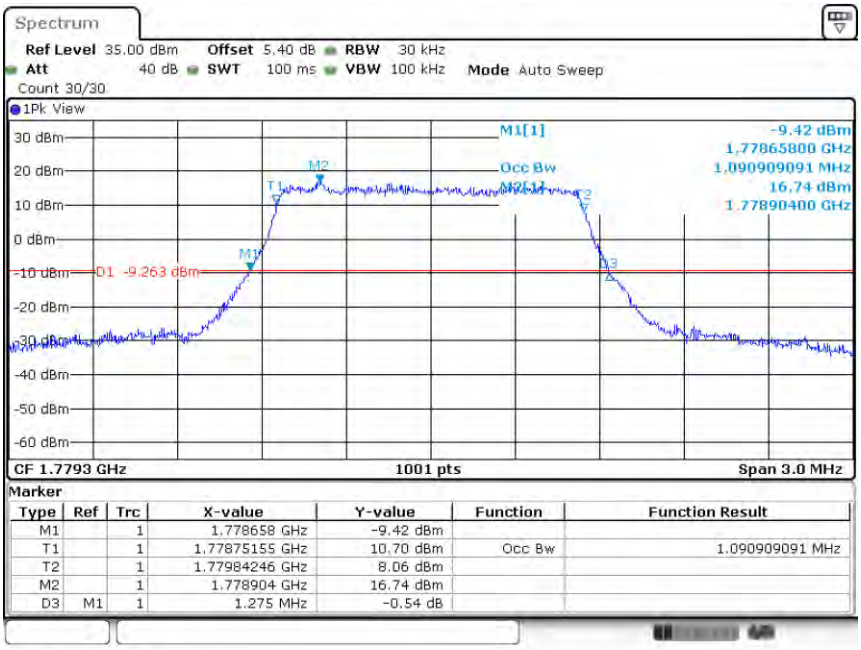

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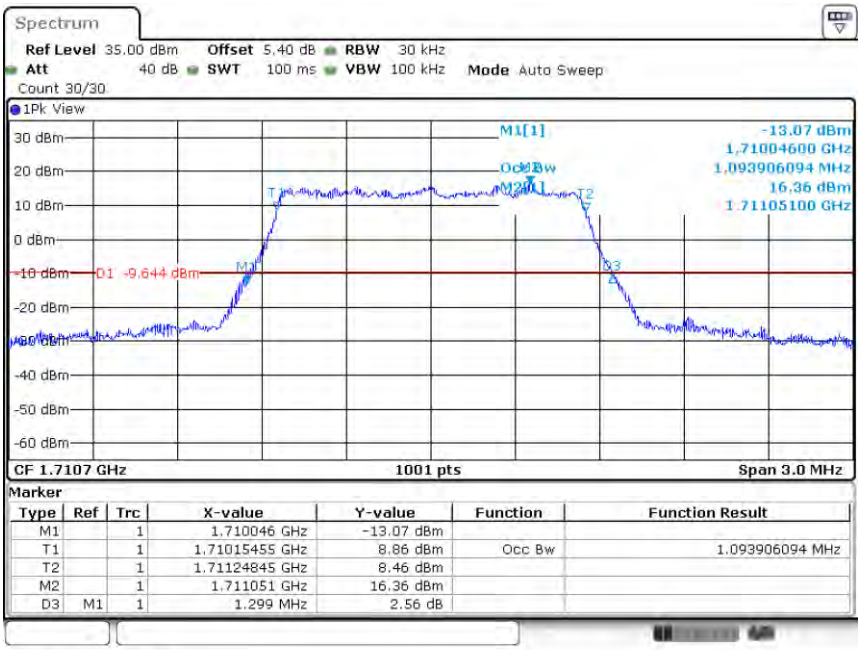
Band66-1.4MHz-64QAM-131979-6RB#0-1.094

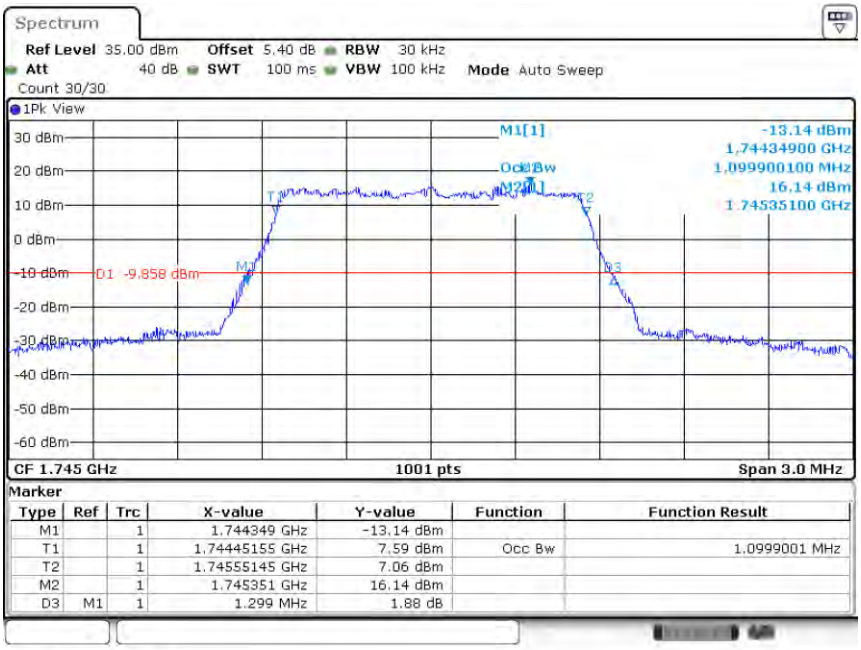


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710046 GHz	-13.07 dBm		
T1		1	1.71015455 GHz	8.86 dBm	Occ Bw	1.093906094 MHz
T2		1	1.71124845 GHz	8.46 dBm		
M2		1	1.711051 GHz	16.36 dBm		
D3	M1	1	1.299 MHz	2.56 dB		

Date: 23.OCT.2020 09:15:31

Band66-1.4MHz-64QAM-132322-6RB#0-1.1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.744349 GHz	-13.14 dBm		
T1		1	1.74445155 GHz	7.59 dBm	Occ Bw	1.0999001 MHz
T2		1	1.74555145 GHz	7.06 dBm		
M2		1	1.745351 GHz	16.14 dBm		
D3	M1	1	1.299 MHz	1.88 dB		

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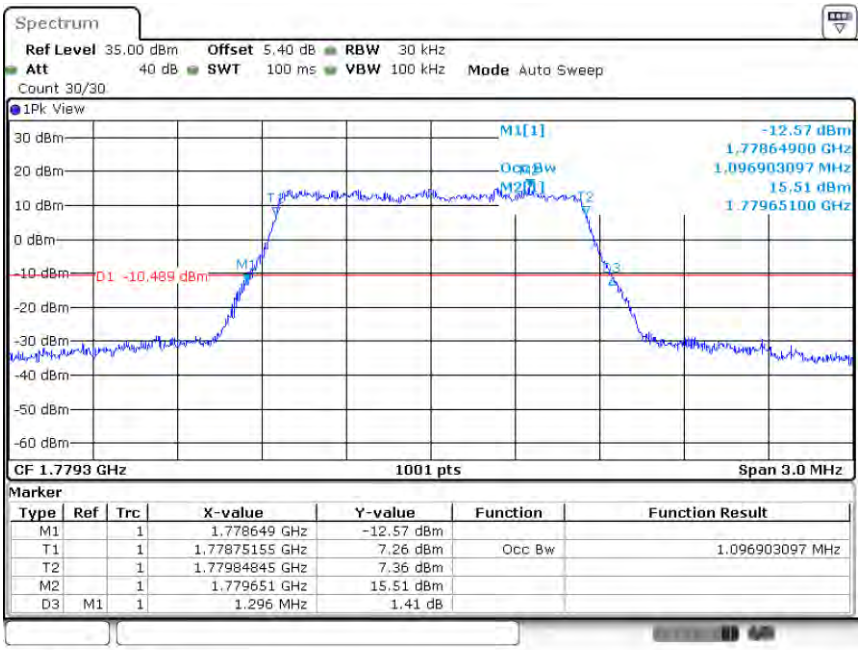
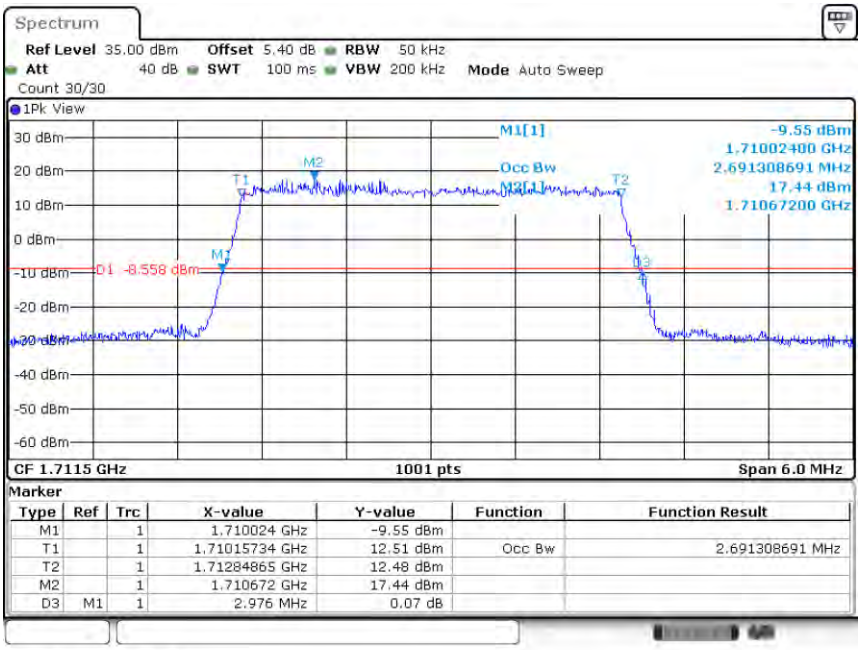
Band66-1.4MHz-64QAM-132665-6RB#0-1.097



Date: 23.OCT.2020 09:16:03

Band66-3MHz-QPSK-131987-15RB#0-2.691



Date: 23.OCT.2020 09:42:46

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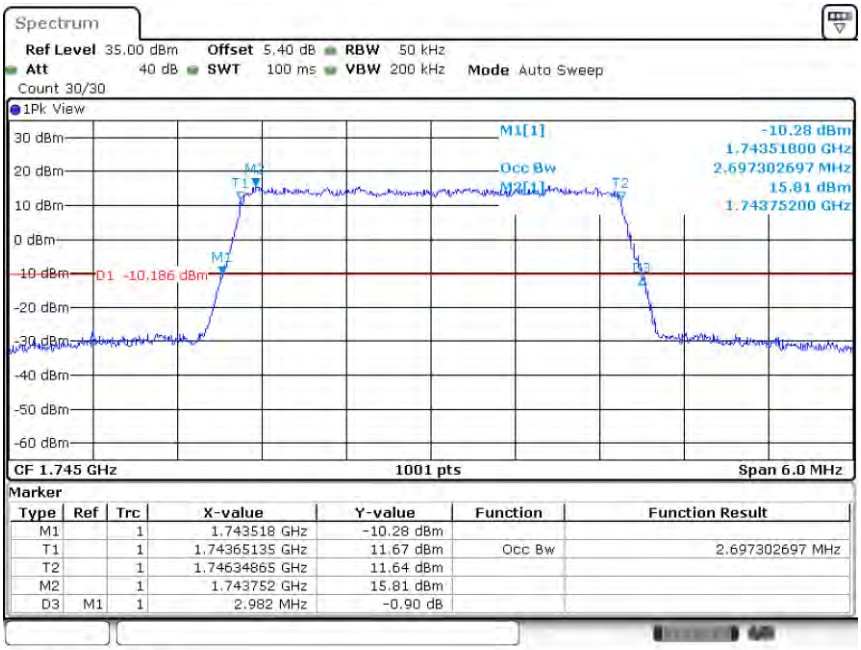
Band66-3MHz-QPSK-132322-15RB#0-2.697



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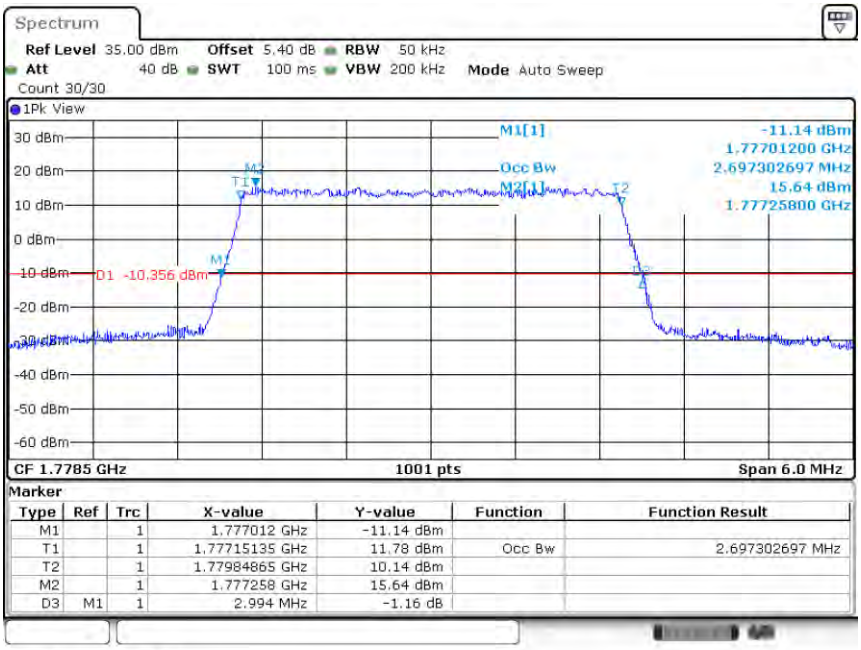
Band66-3MHz-QPSK-132657-15RB#0-2.697



Date: 23.OCT.2020 09:43:50

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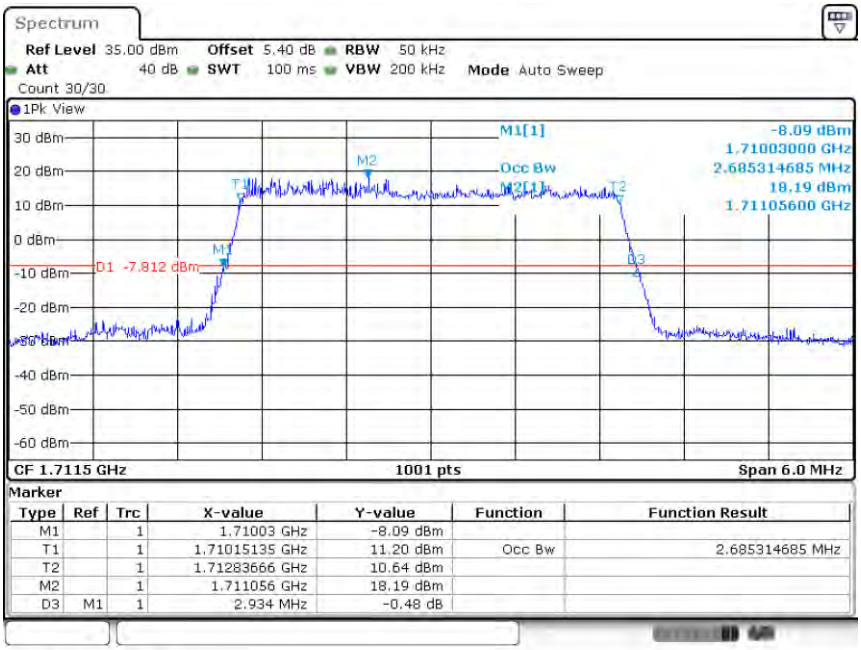
Band66-3MHz-16QAM-131987-15RB#0-2.685



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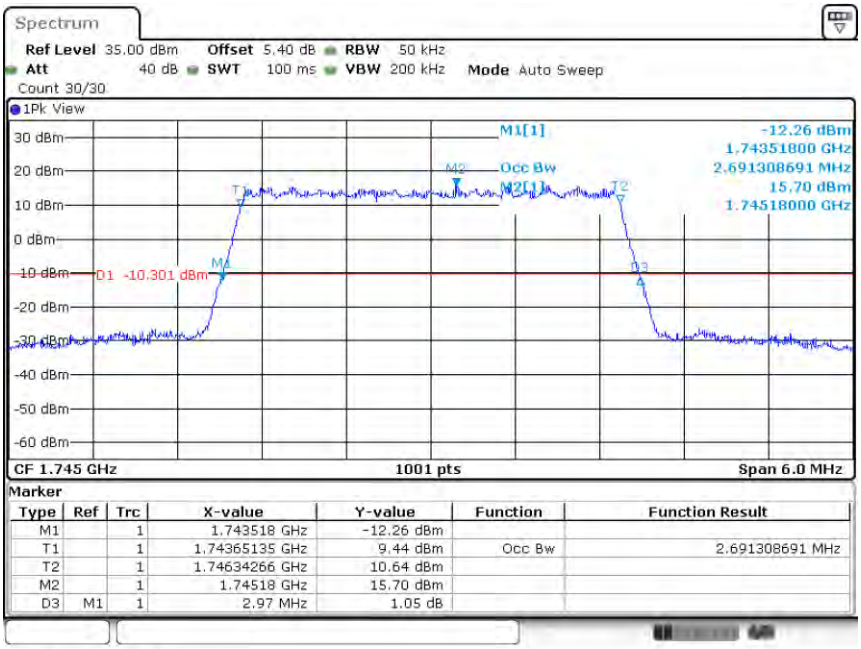
Band66-3MHz-16QAM-132322-15RB#0-2.691



Date: 23.OCT.2020 09:43:33

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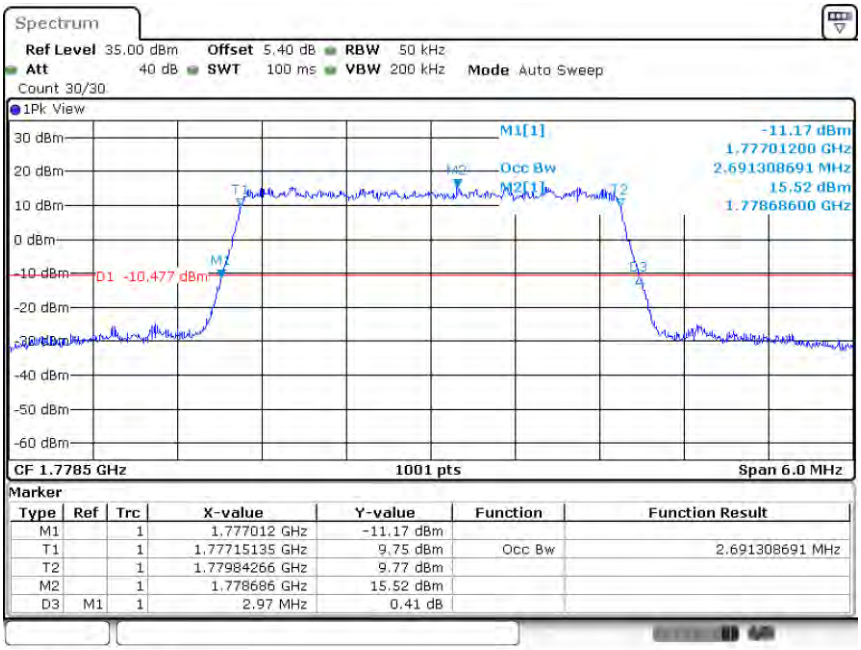
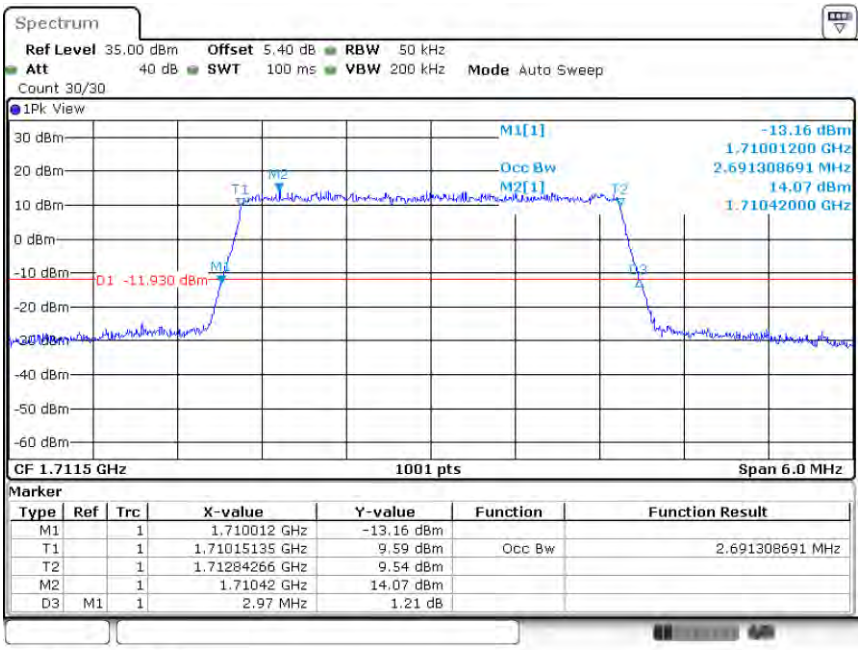
Band66-3MHz-16QAM-132657-15RB#0-2.691



Date: 23.OCT.2020 09:44:05

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



Date: 23.OCT.2020 09:16:27

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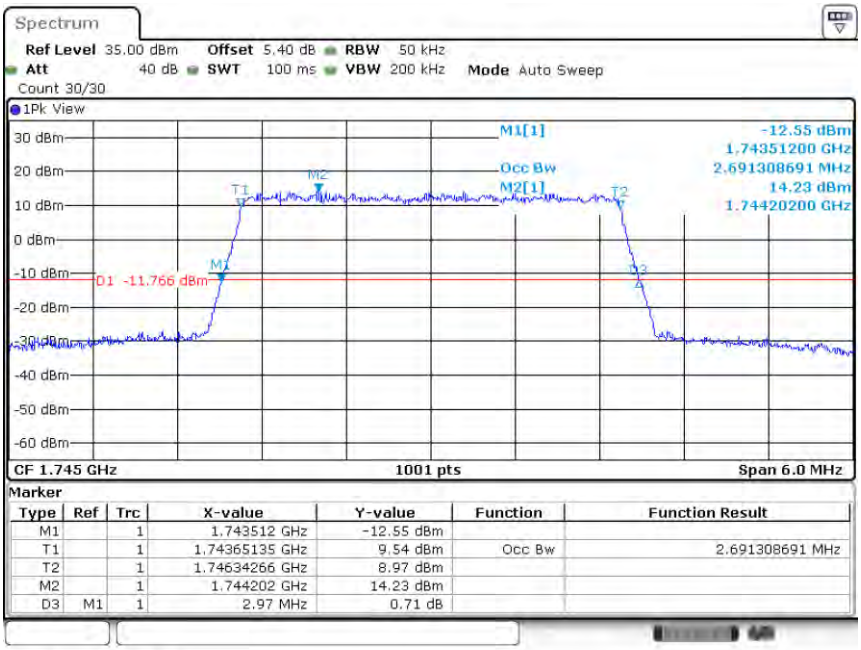

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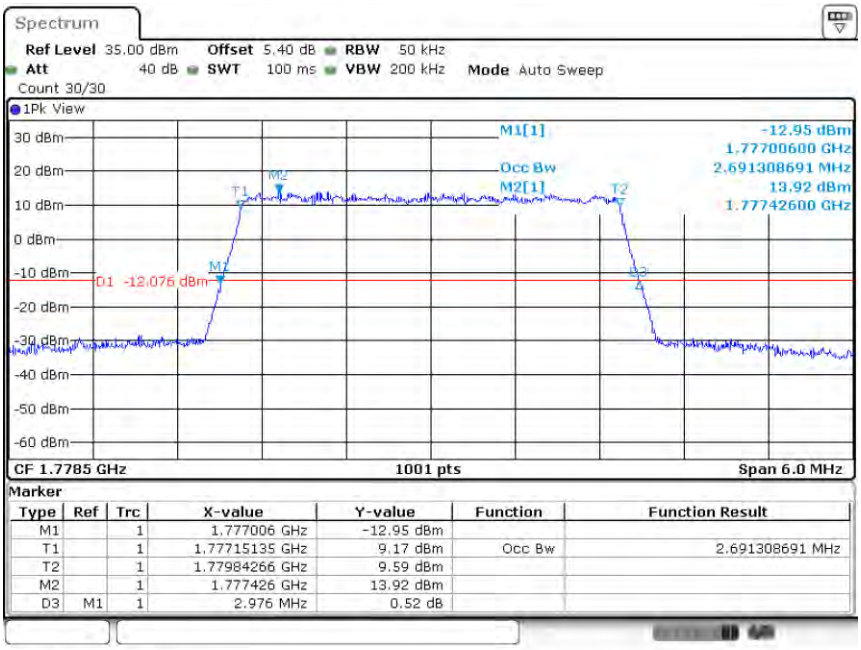
Band66-3MHz-64QAM-132657-15RB#0-2.691



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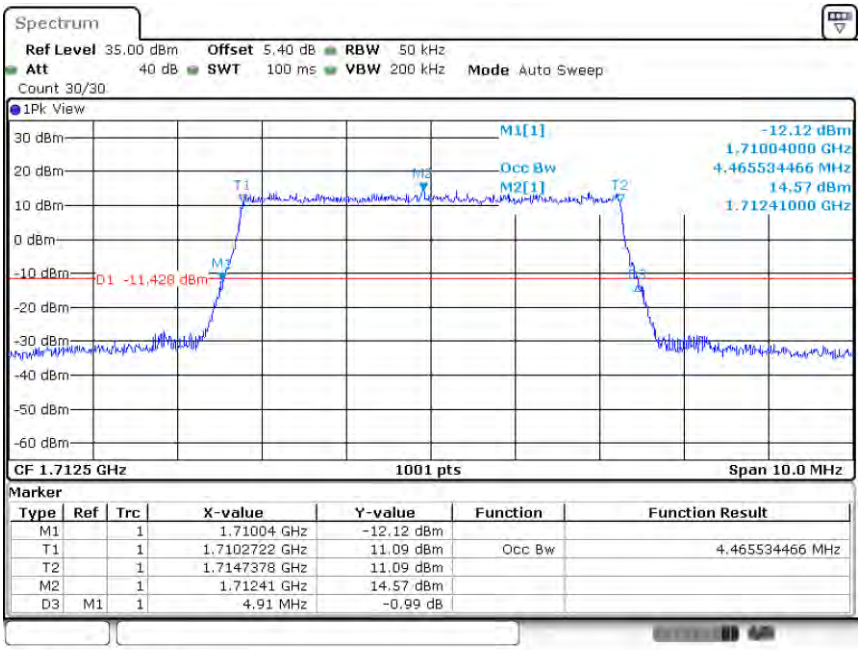
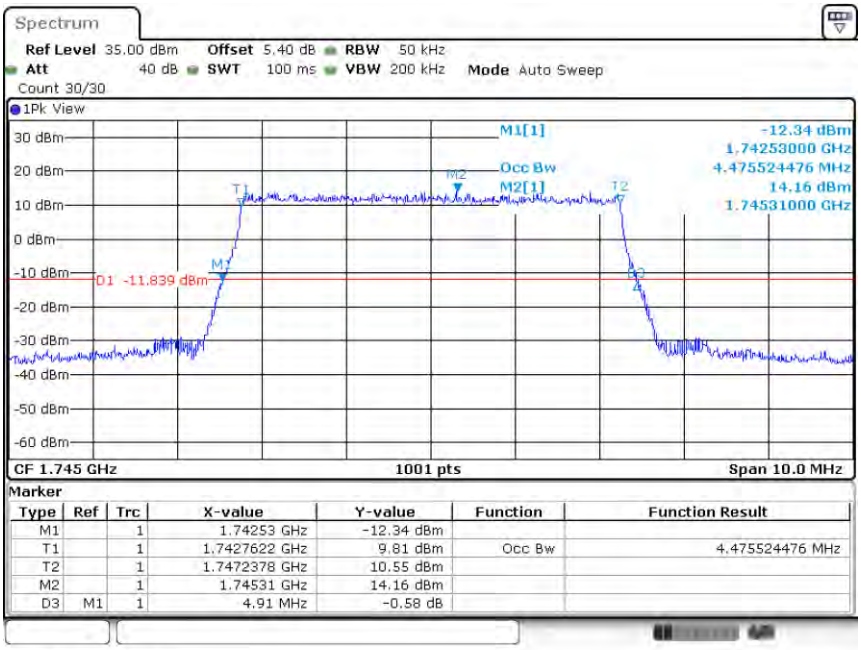
Band66-5MHz-QPSK-131997-25RB#0-4.466



Date: 23.OCT.2020 09:44:27

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



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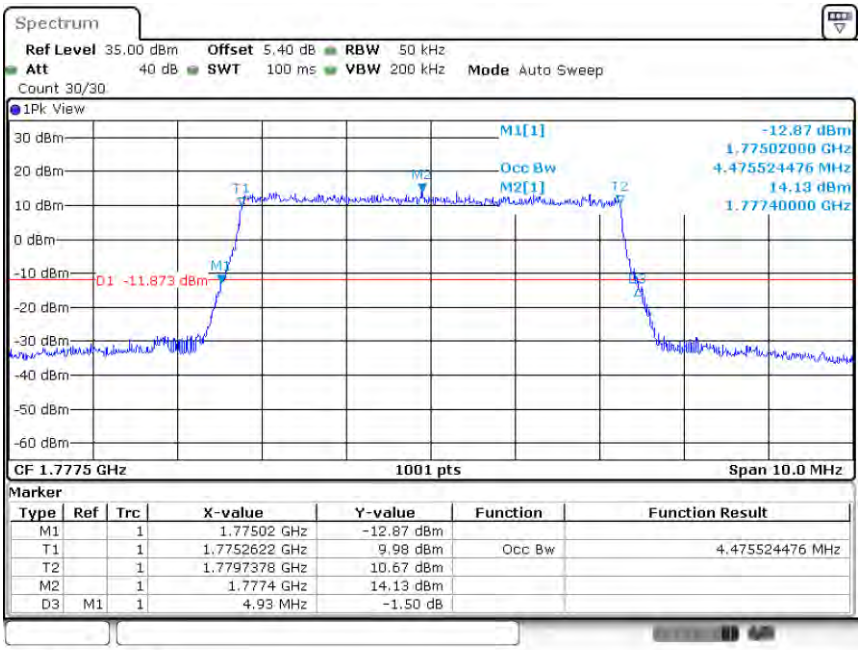
Band66-5MHz-QPSK-132647-25RB#0-4.476



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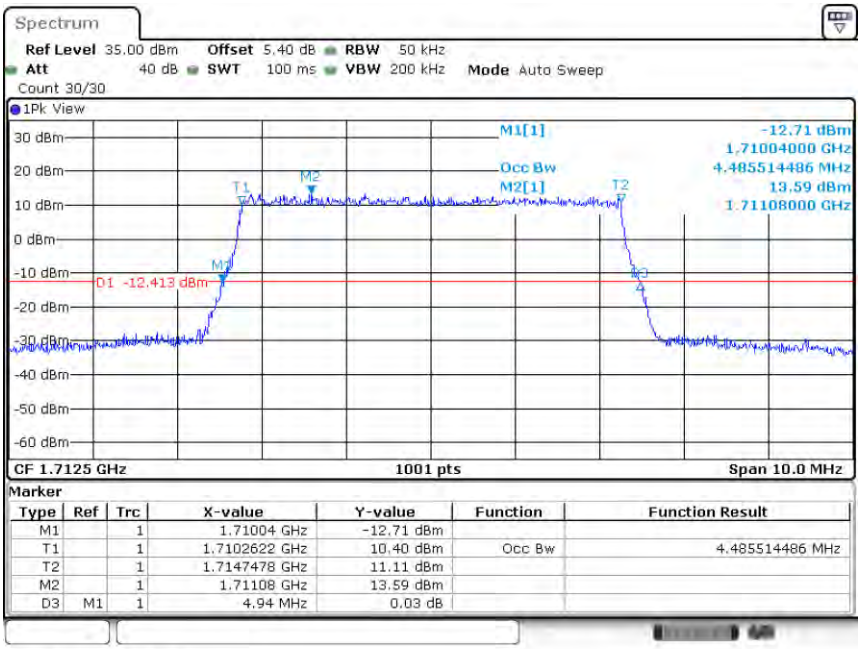
Band66-5MHz-16QAM-131997-25RB#0-4.486



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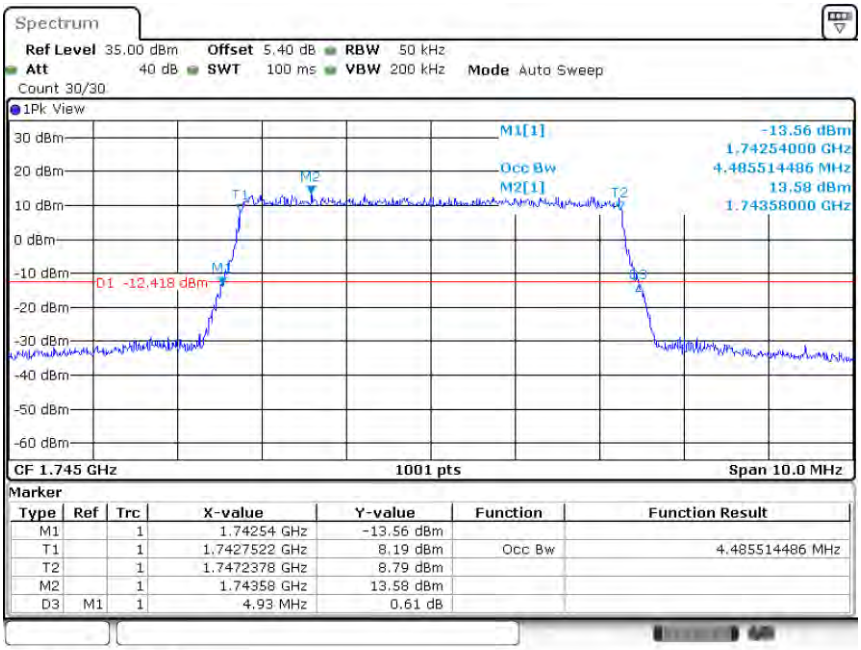

Date: 23.OCT.2020 09:45:15

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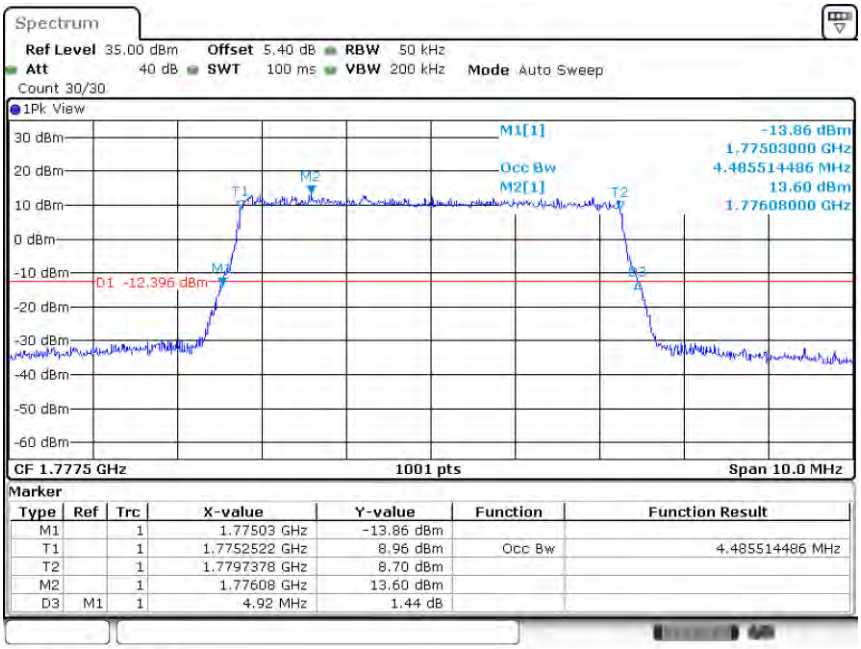

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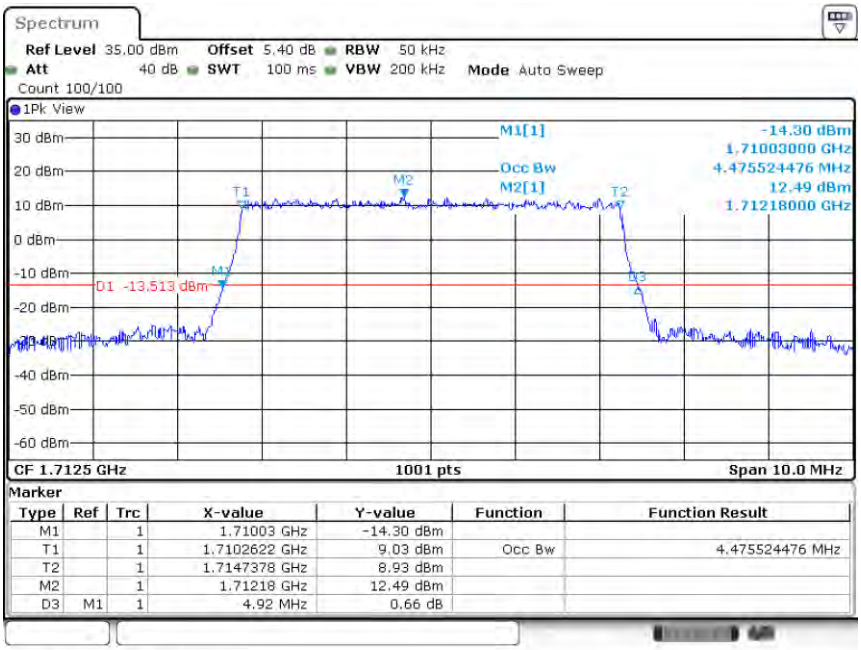
Band66-5MHz-64QAM-131997-25RB#0-4.476



Date: 23.OCT.2020 09:17:28

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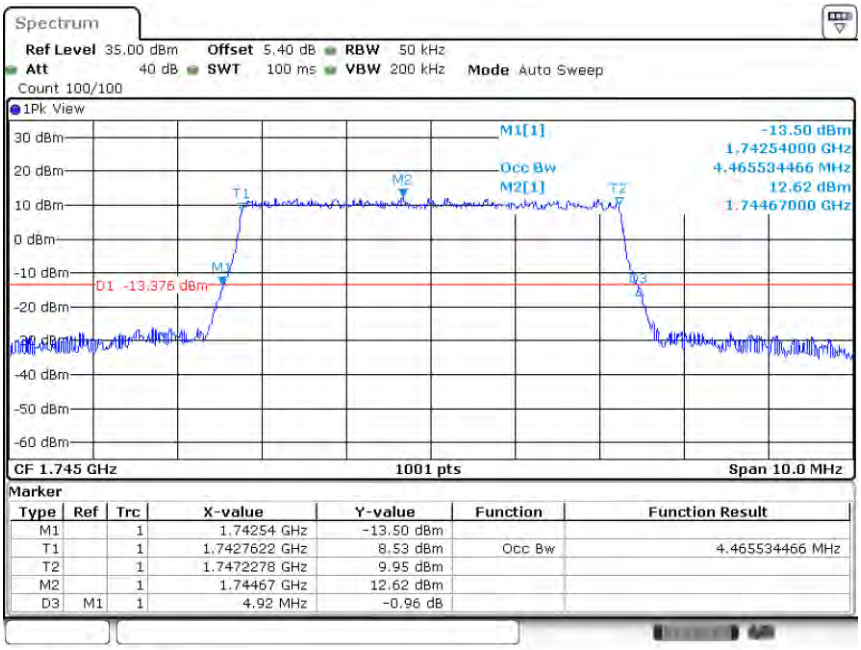

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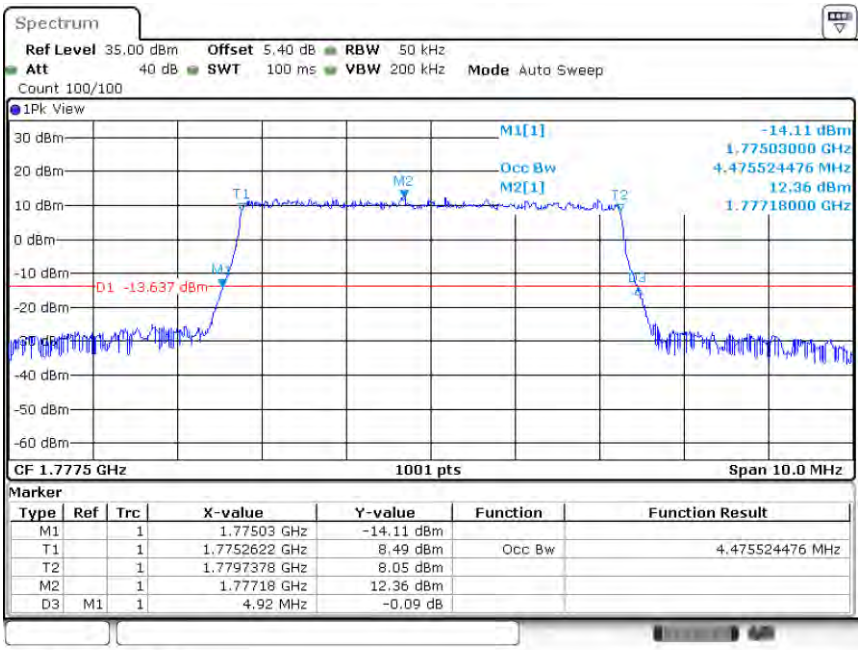
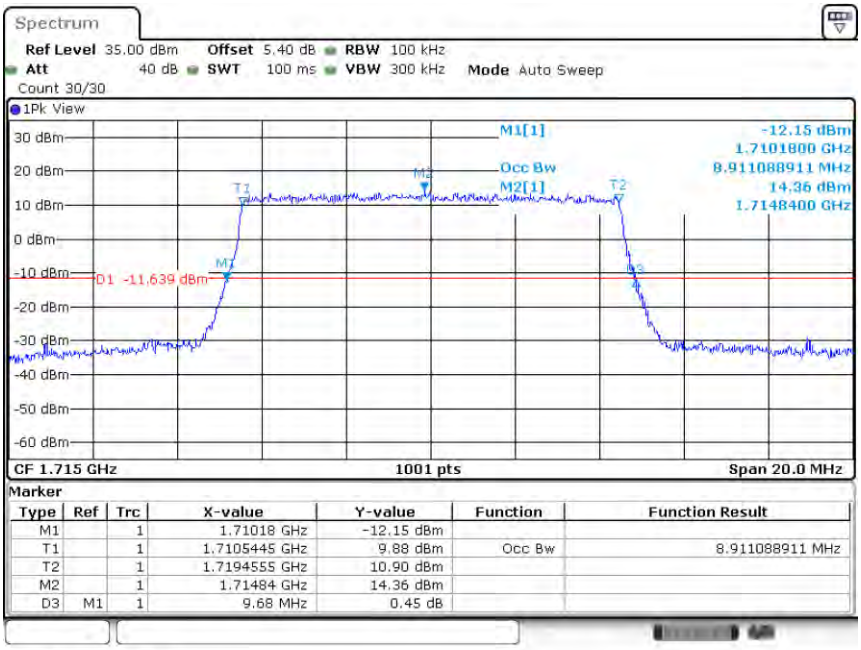
Band66-5MHz-64QAM-132647-25RB#0-4.476



Date: 23.OCT.2020 09:18:15

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



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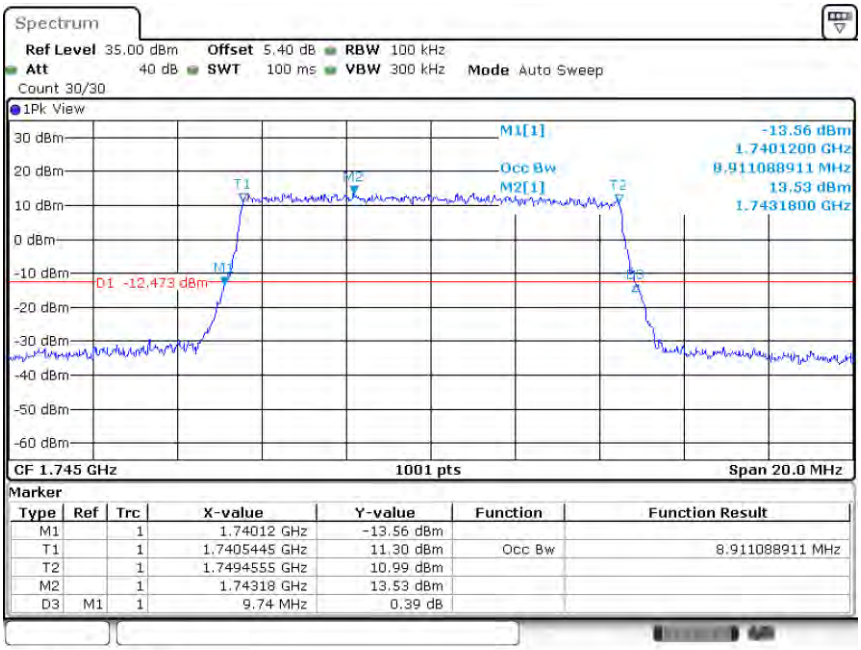
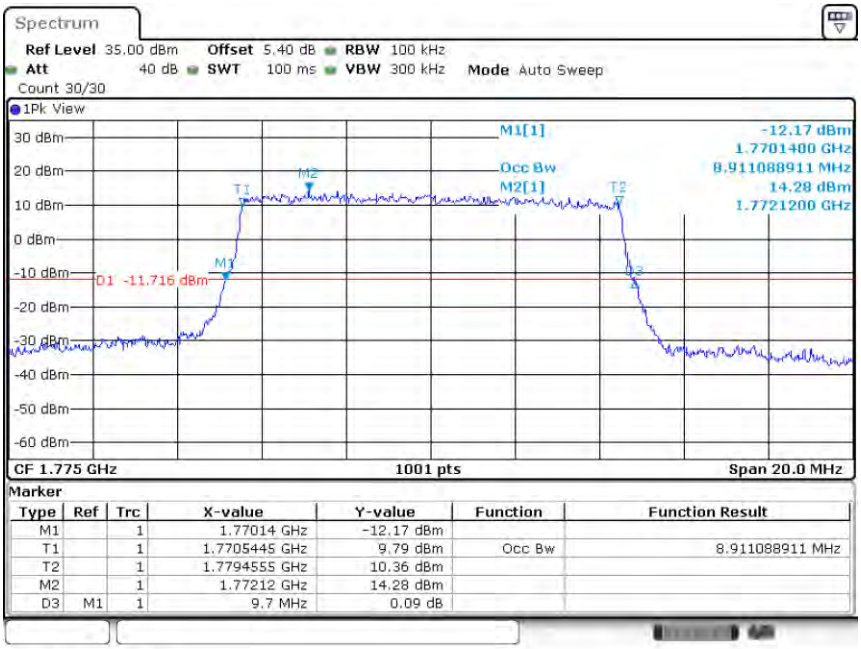


Date: 23.OCT.2020 09:46:41

Band66-10MHz-QPSK-132622-50RB#0-8.911



Date: 23.OCT.2020 09:47:13

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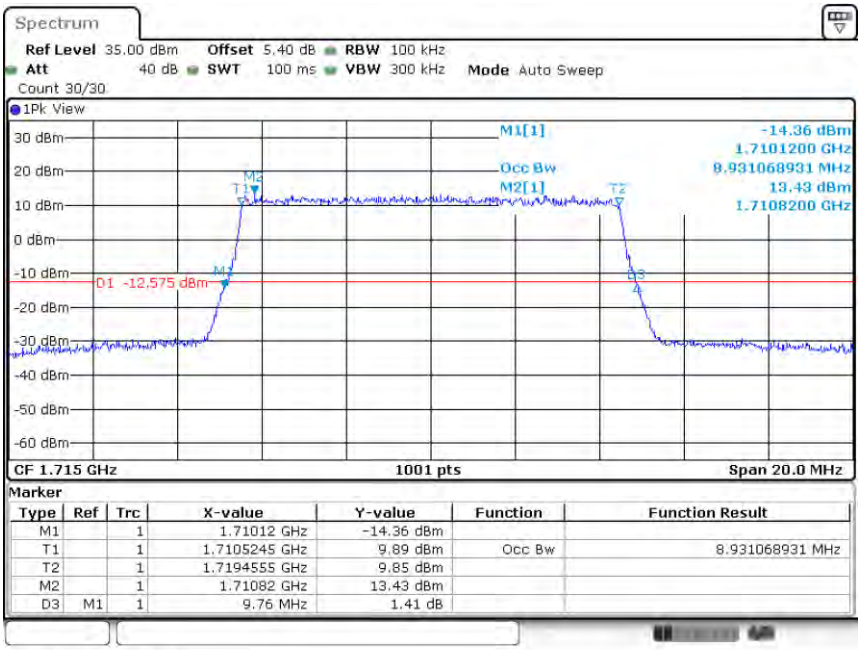
Band66-10MHz-16QAM-132022-50RB#0-8.931



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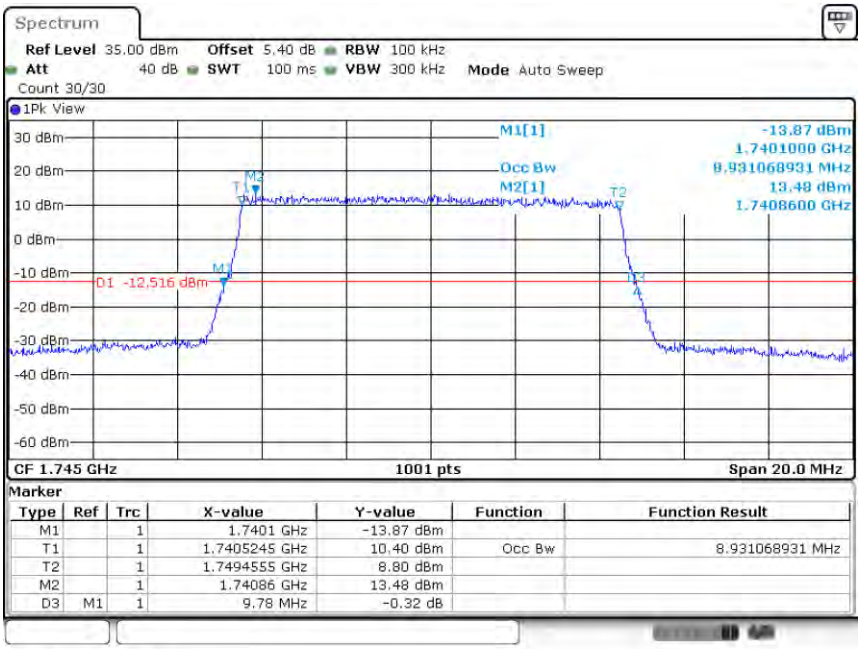
Band66-10MHz-16QAM-132322-50RB#0-8.931



Date: 23.OCT.2020 09:46:57

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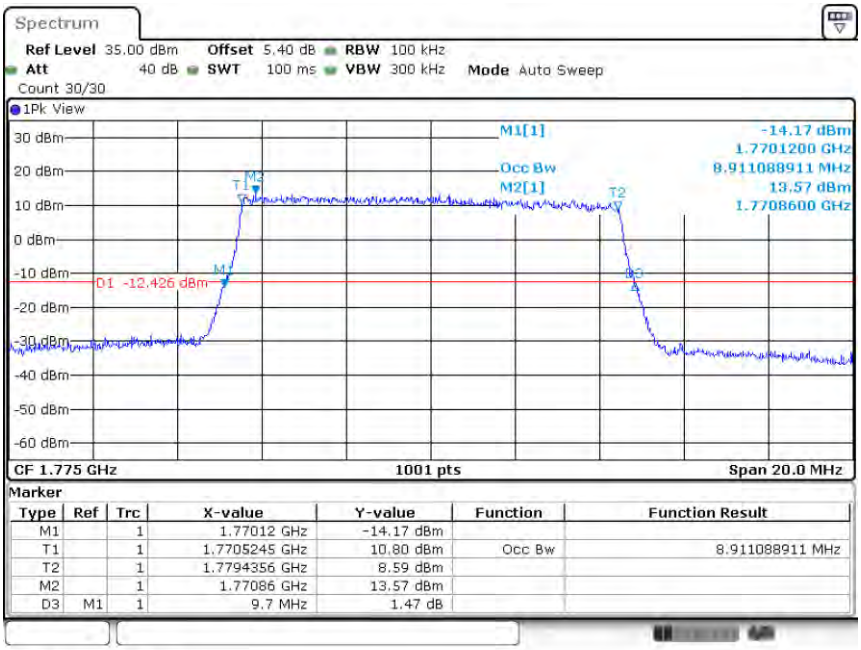
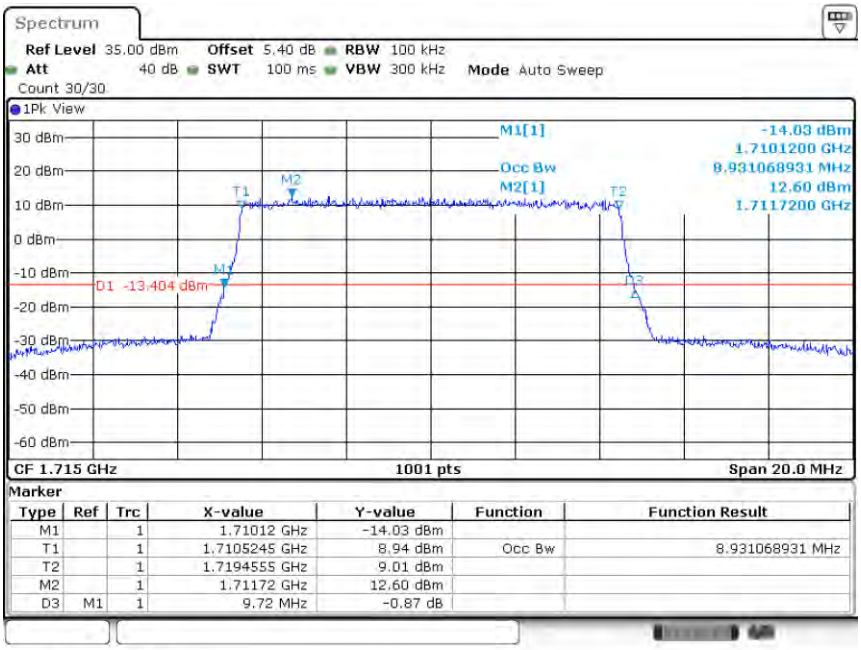
Band66-10MHz-16QAM-132622-50RB#0-8.911



Date: 23.OCT.2020 09:47:28

Band66-10MHz-64QAM-132022-50RB#0-8.931



Date: 23.OCT.2020 09:18:38

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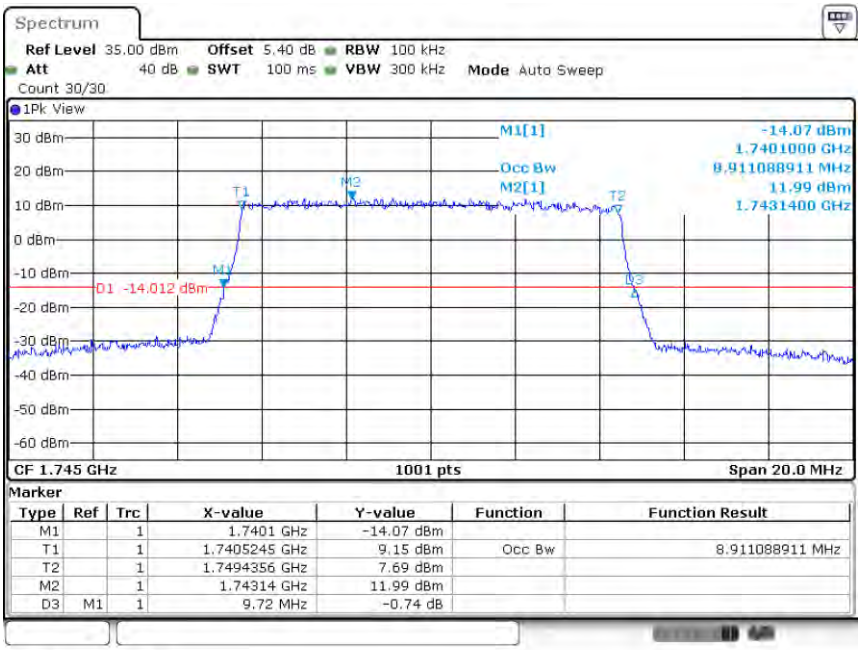
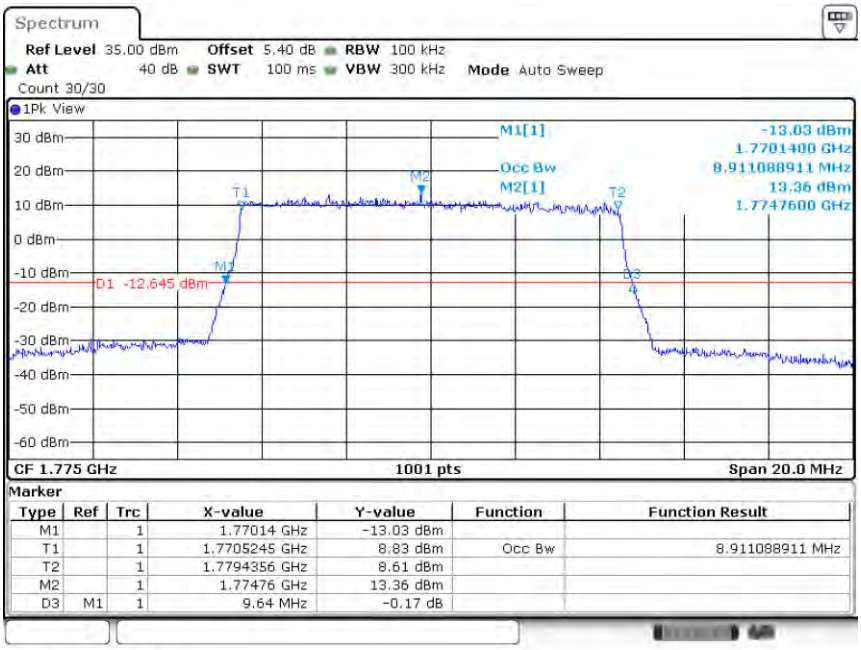
Band66-10MHz-64QAM-132322-50RB#0-8.911



Date: 23.OCT.2020 09:18:54

Band66-10MHz-64QAM-132622-50RB#0-8.911



Date: 23.OCT.2020 09:19:10

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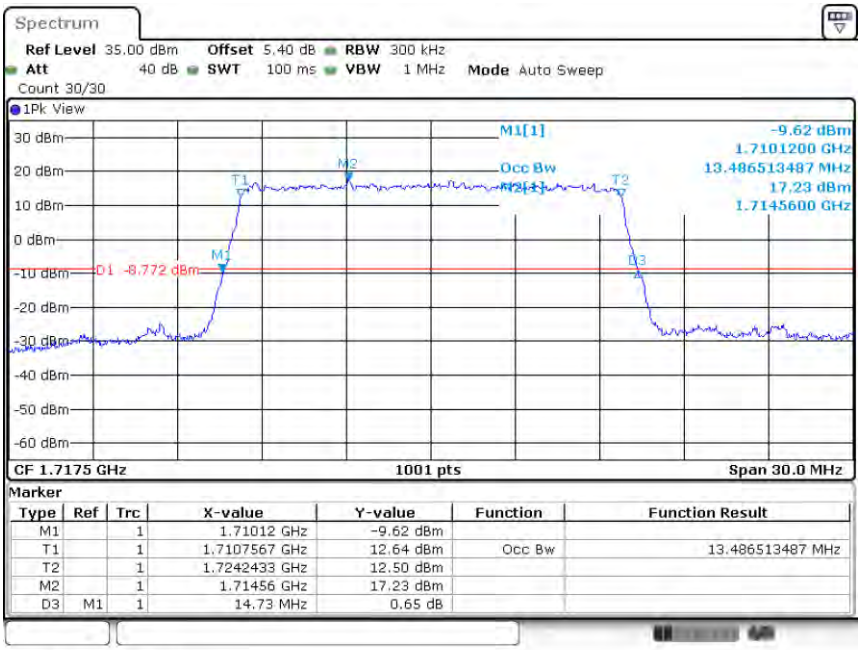
Band66-15MHz-QPSK-132047-75RB#0-13.487



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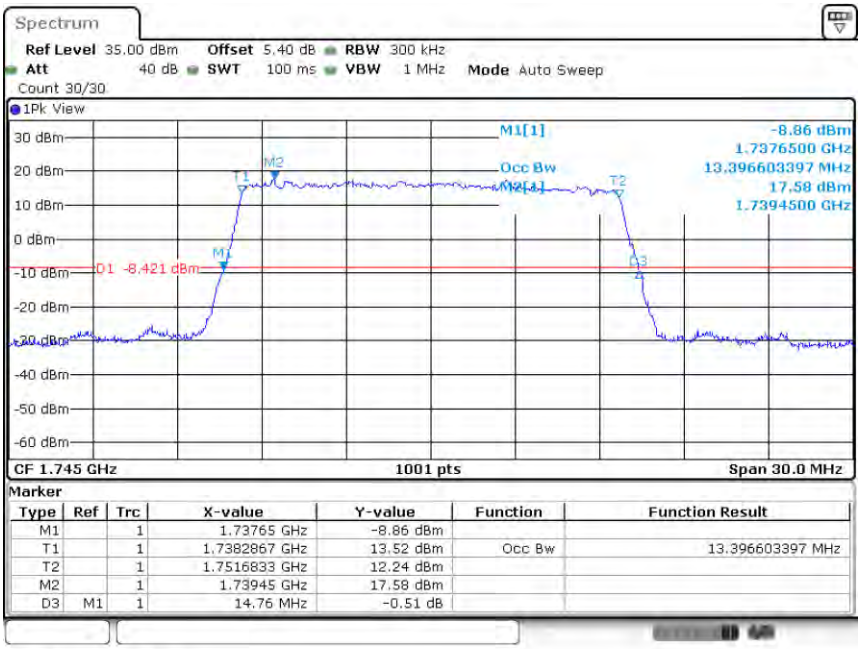
Band66-15MHz-QPSK-132322-75RB#0-13.397



Date: 23.OCT.2020 09:48:22

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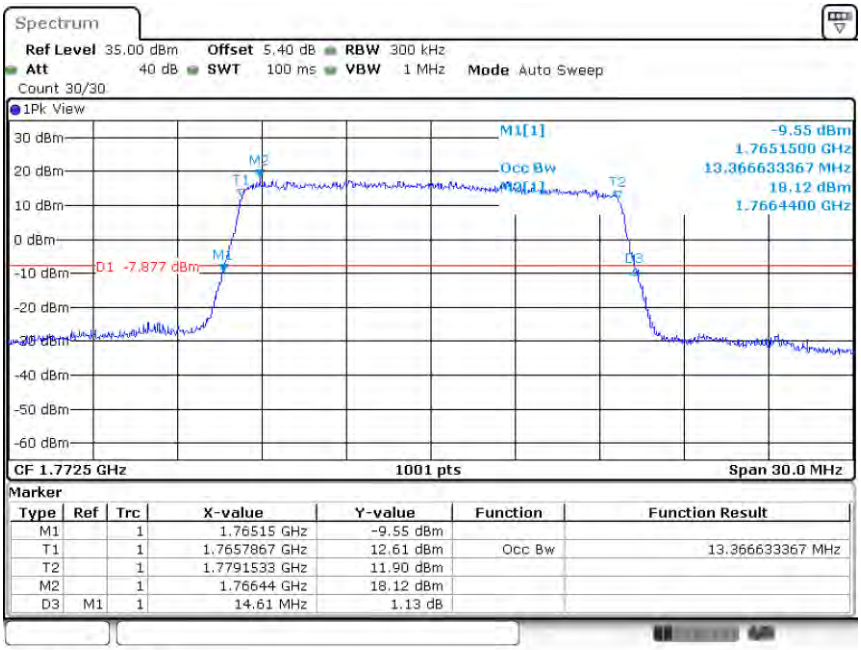
Band66-15MHz-QPSK-132597-75RB#0-13.367



Date: 23.OCT.2020 09:48:54

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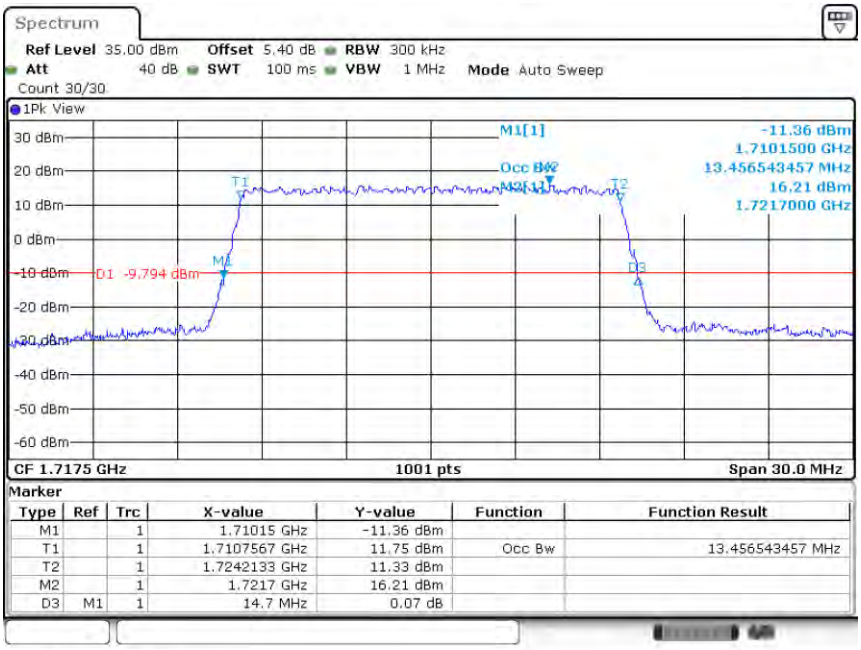

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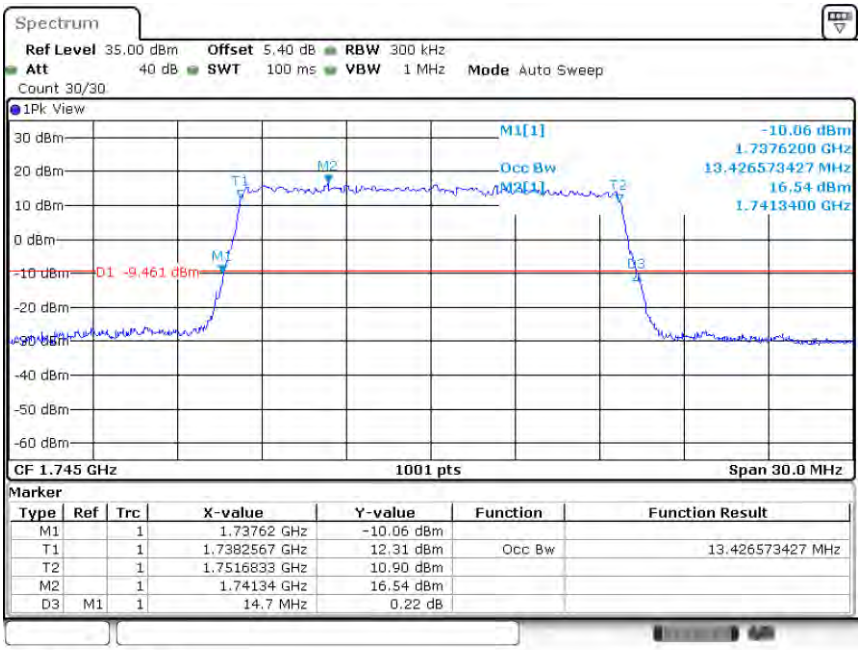
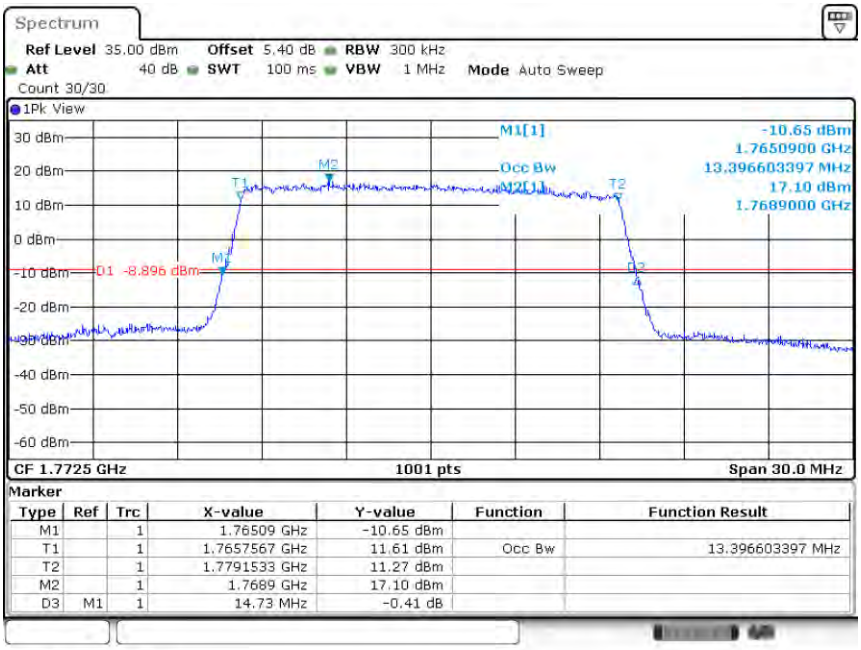
Band66-15MHz-16QAM-132322-75RB#0-13.427



Date: 23.OCT.2020 09:48:38

Band66-15MHz-16QAM-132597-75RB#0-13.397



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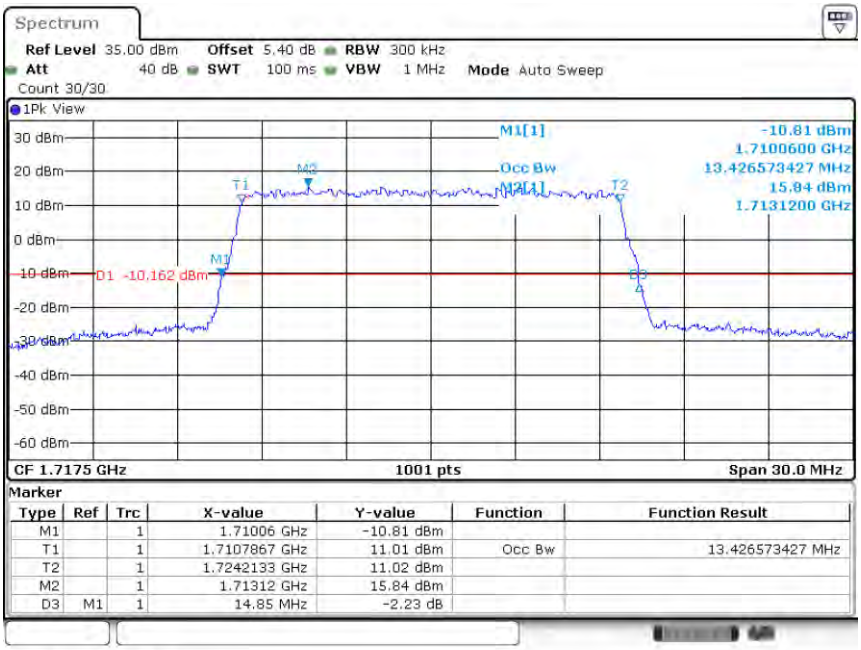
Band66-15MHz-64QAM-132047-75RB#0-13.427



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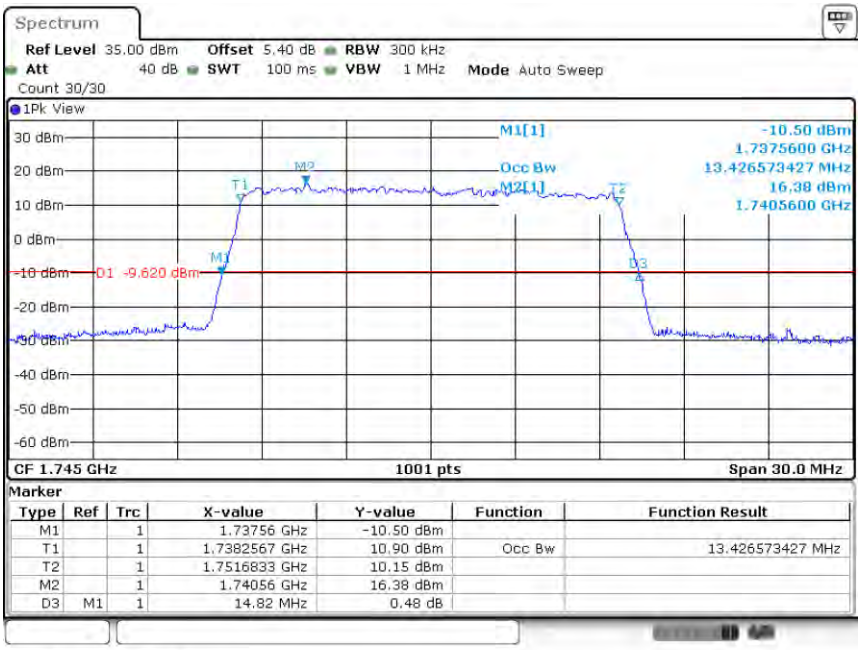

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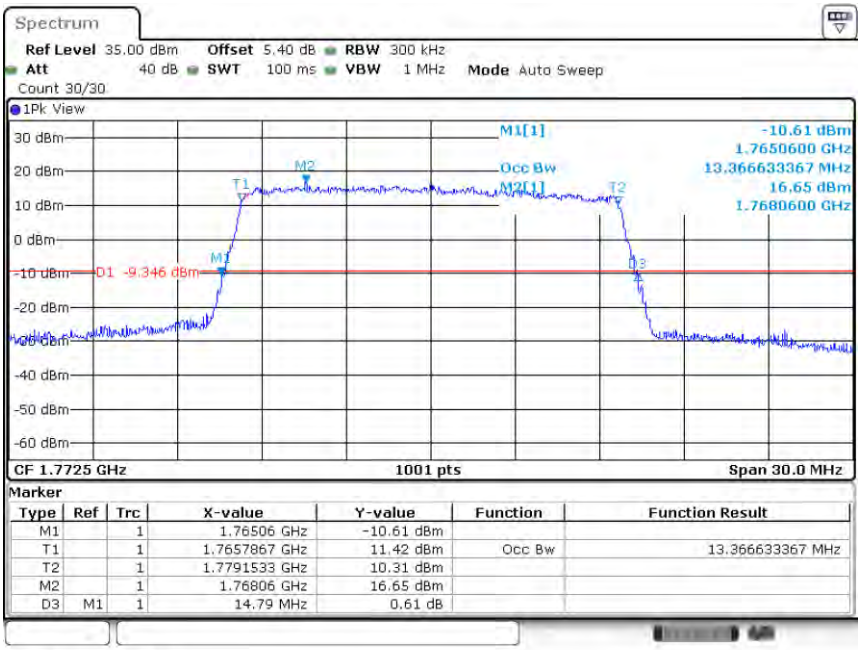
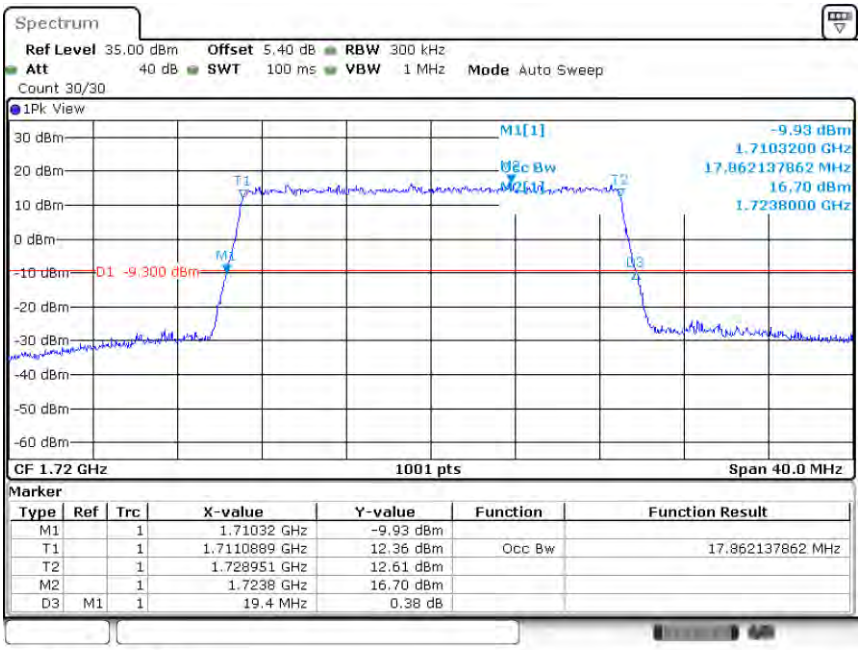
Band66-15MHz-64QAM-132597-75RB#0-13.367



Date: 23.OCT.2020 09:20:04

Band66-20MHz-QPSK-132072-100RB#0-17.862



Date: 23.OCT.2020 09:49:32

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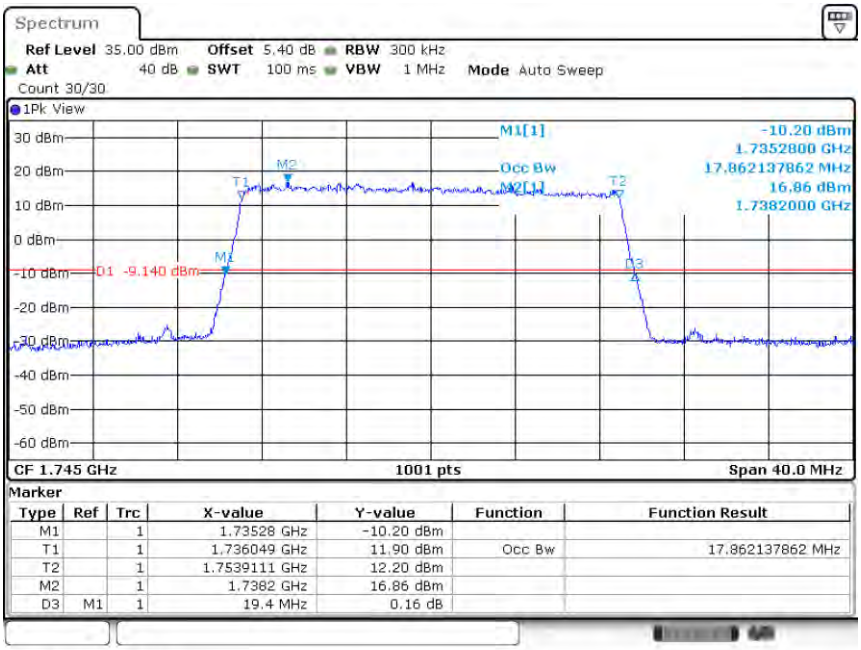
Band66-20MHz-QPSK-132322-100RB#0-17.862



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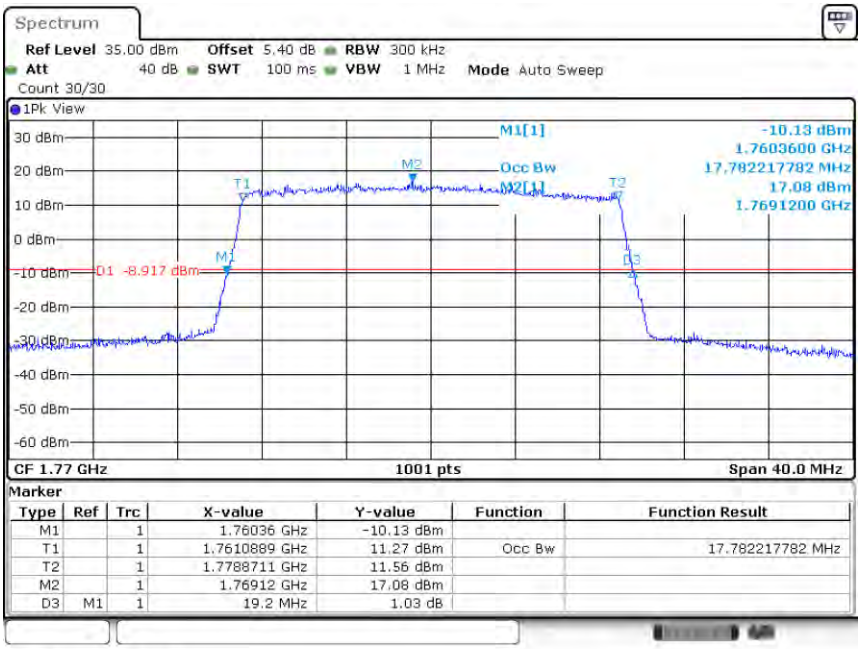
Band66-20MHz-QPSK-132572-100RB#0-17.782



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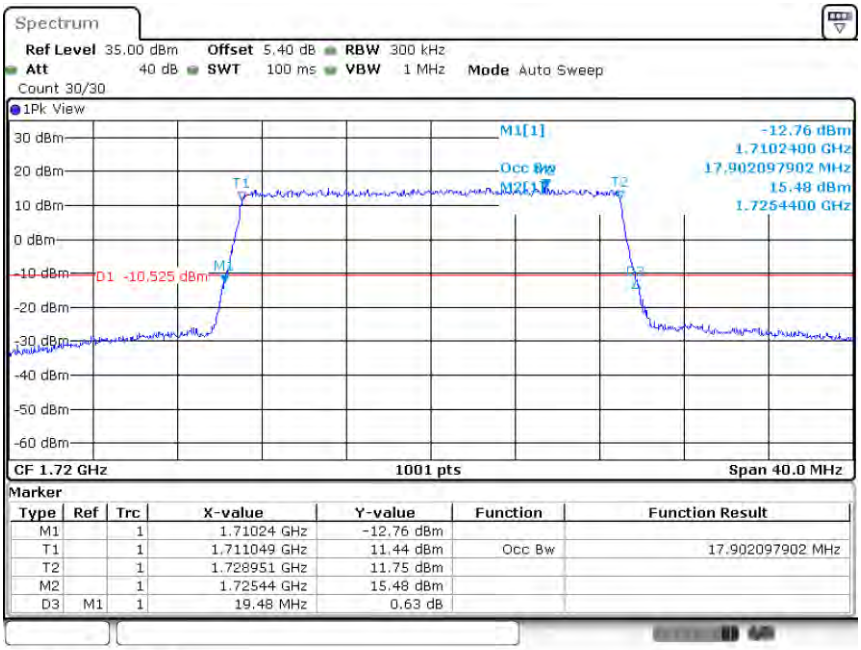
Band66-20MHz-16QAM-132072-100RB#0-17.902



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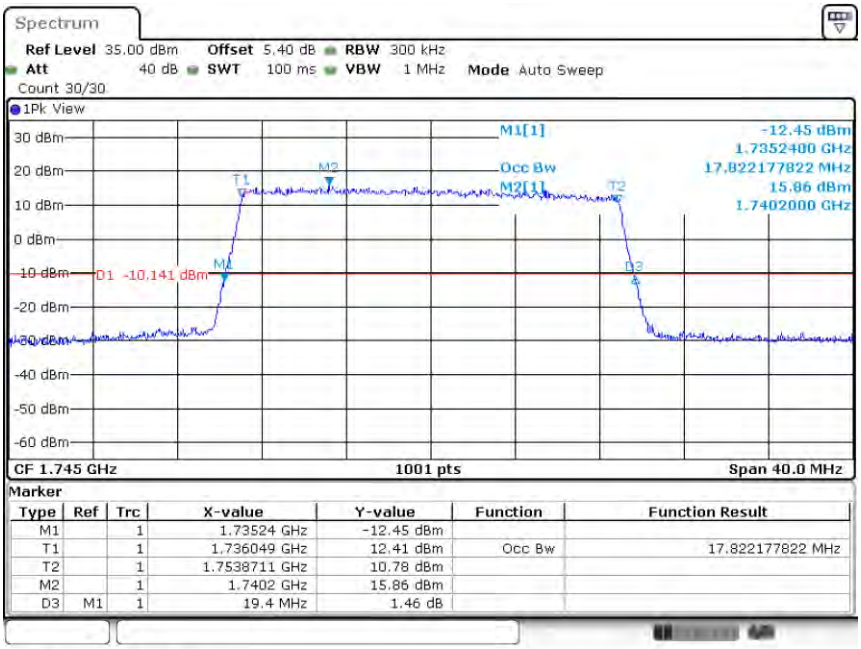
Band66-20MHz-16QAM-132322-100RB#0-17.822



Date: 23.OCT.2020 09:50:20

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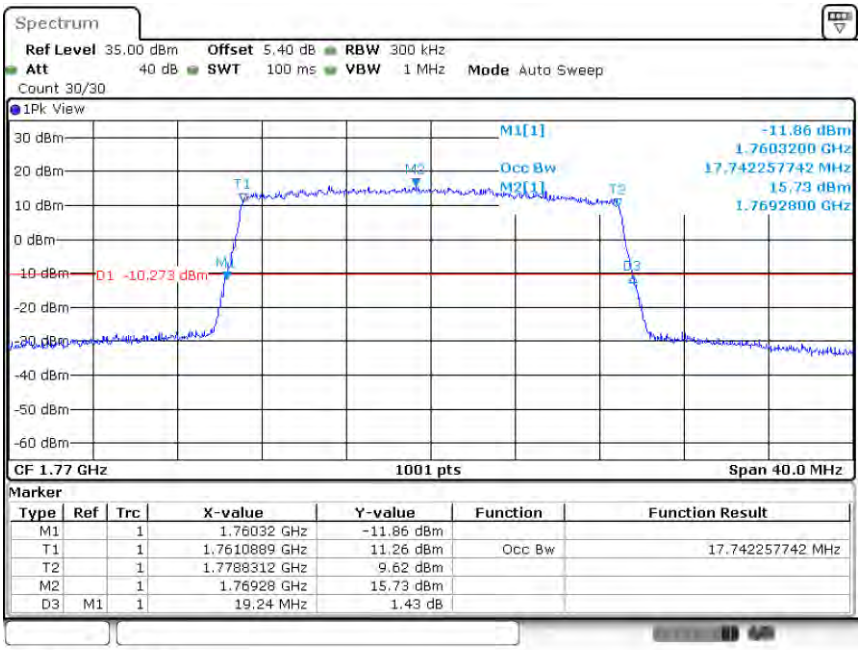
Band66-20MHz-16QAM-132572-100RB#0-17.742



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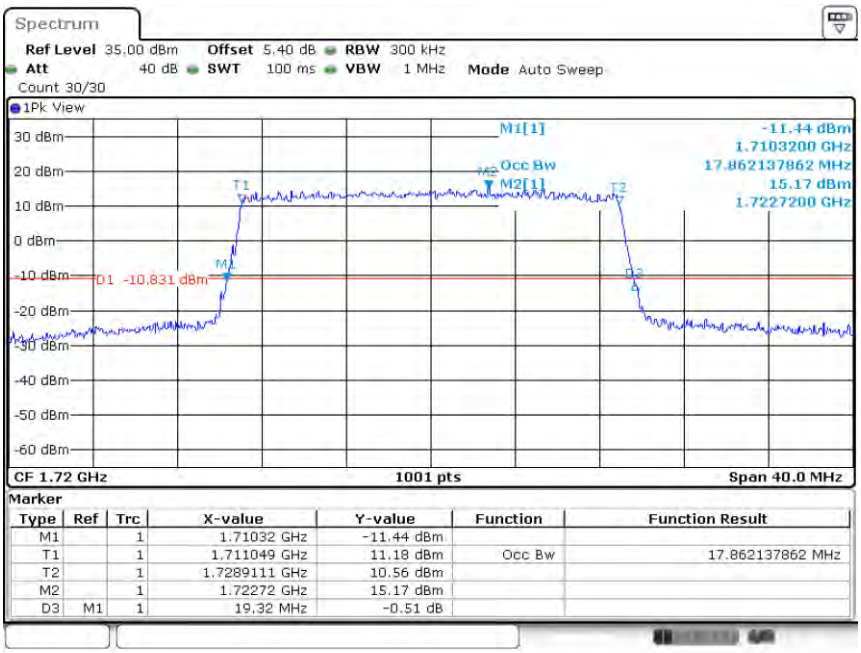
Band66-20MHz-64QAM-132072-100RB#0-17.862



Date: 28.SEP.2020 13:40:59

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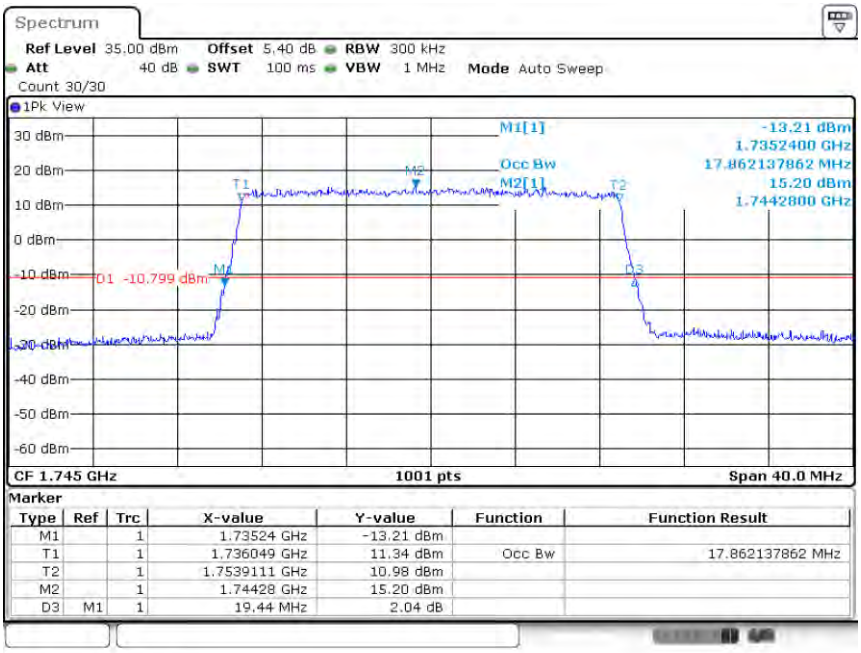
Band66-20MHz-64QAM-132322-100RB#0-17.862



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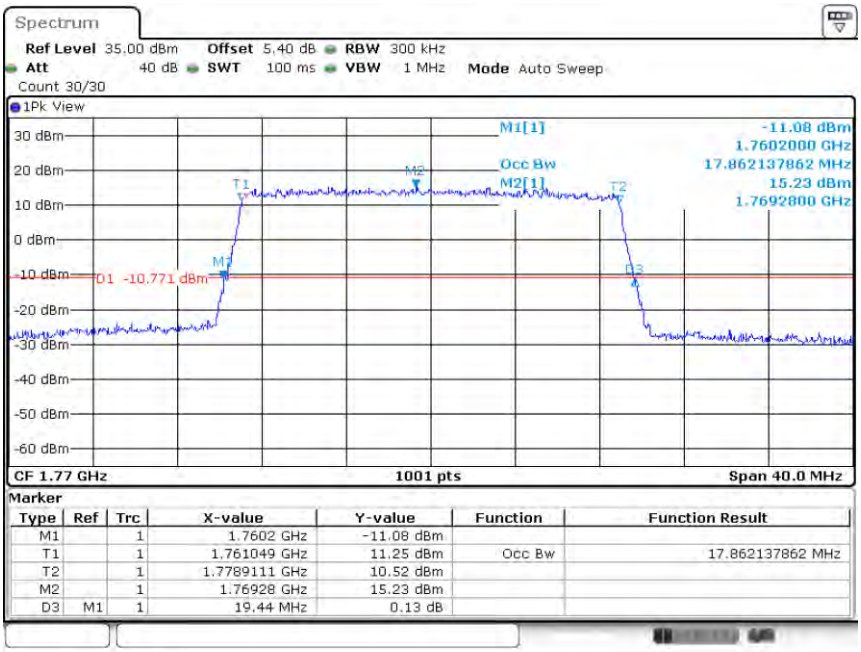

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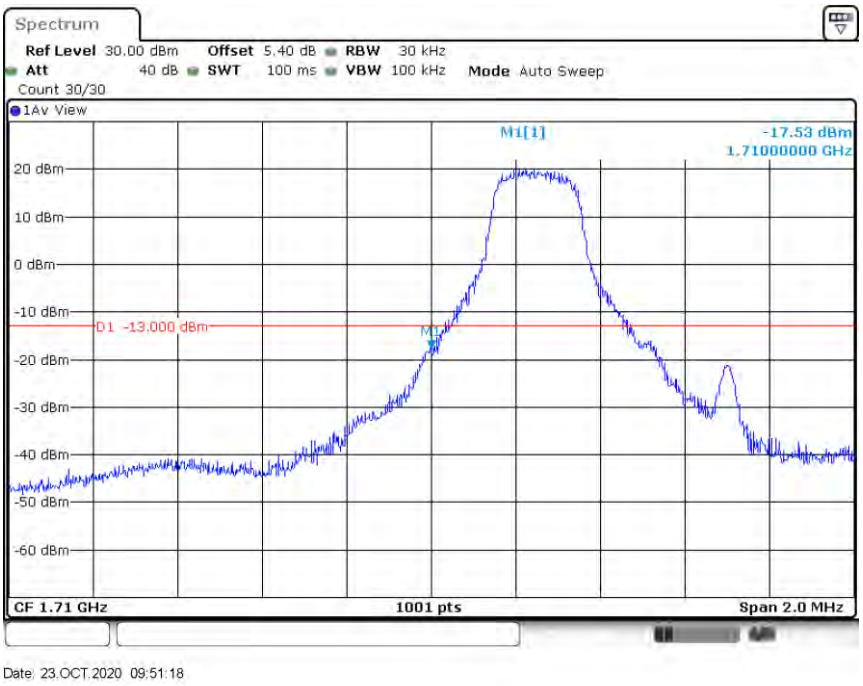
5 Band Edge Compliance

5.1 Test Plots

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



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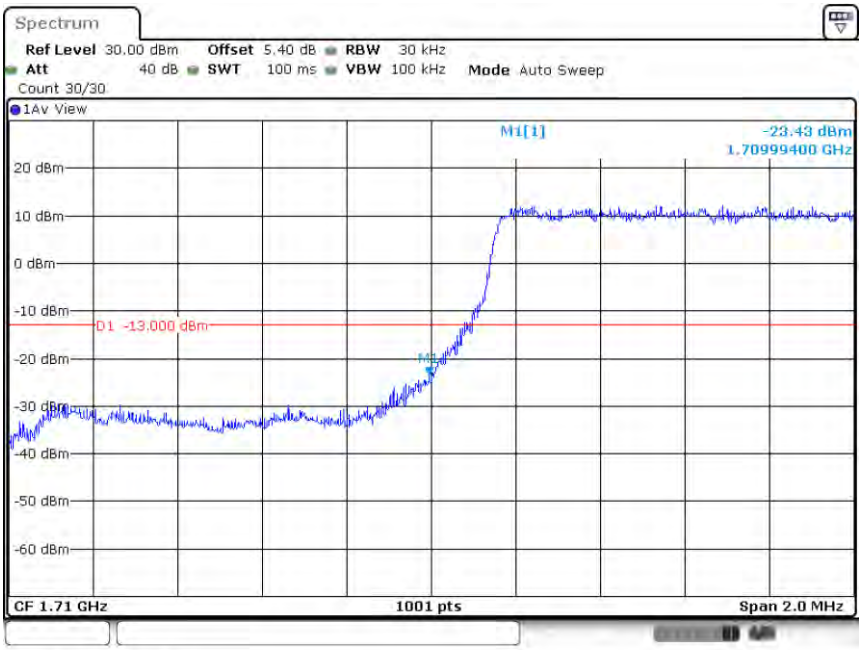
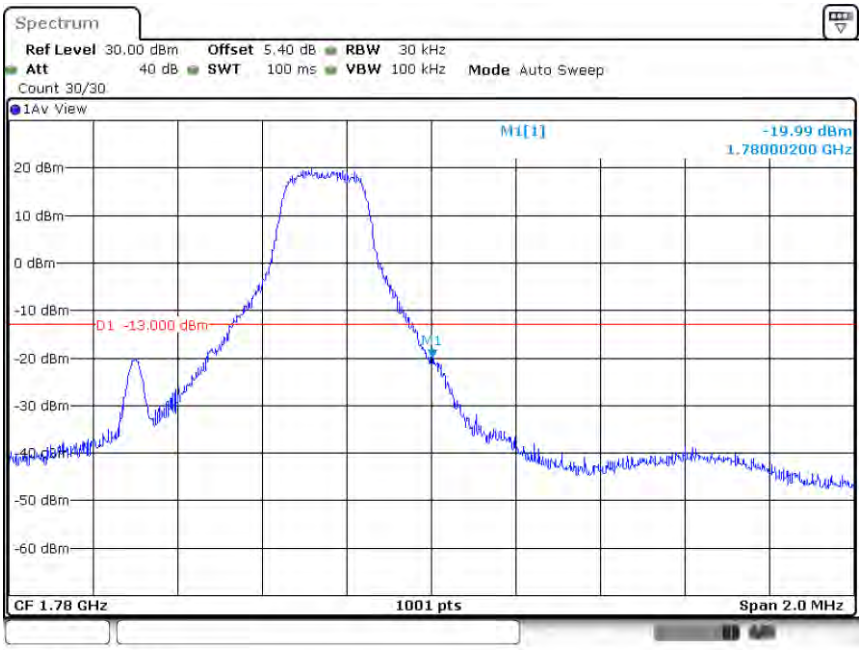
Band66-1.4MHz-QPSK-131979-6RB#0



Date: 23.OCT.2020 09:51:51

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



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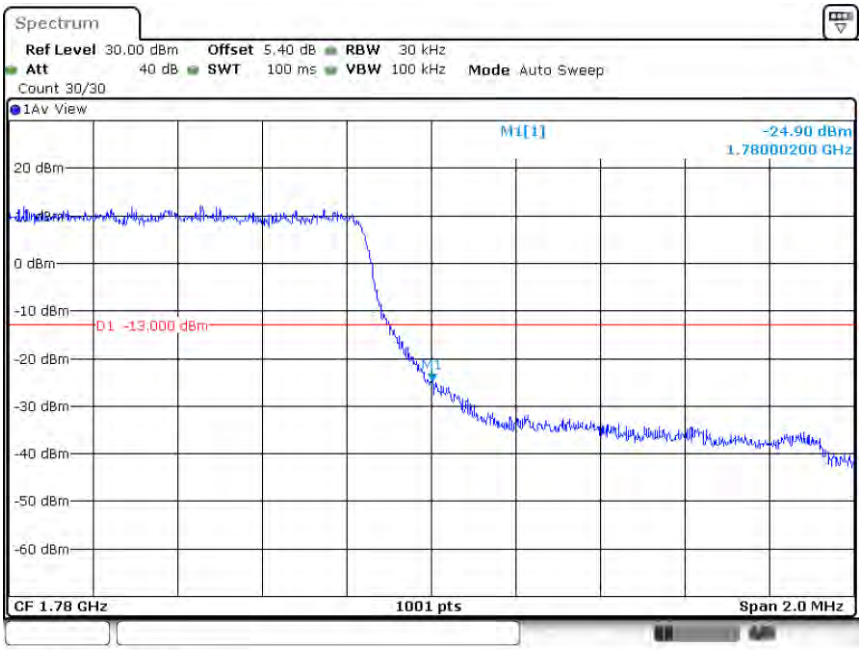
Band66-1.4MHz-QPSK-132665-6RB#0



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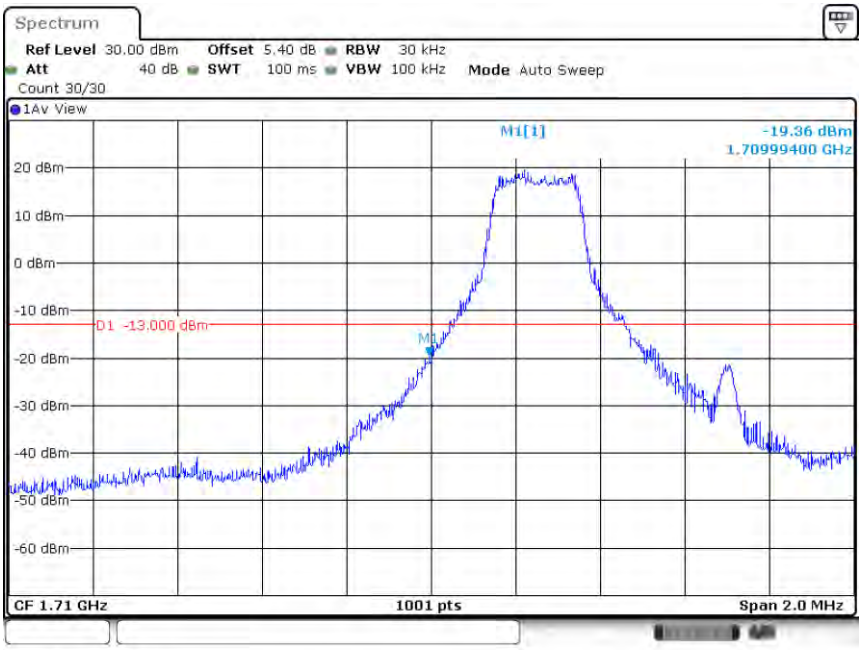
Band66-1.4MHz-16QAM-131979-1RB#0



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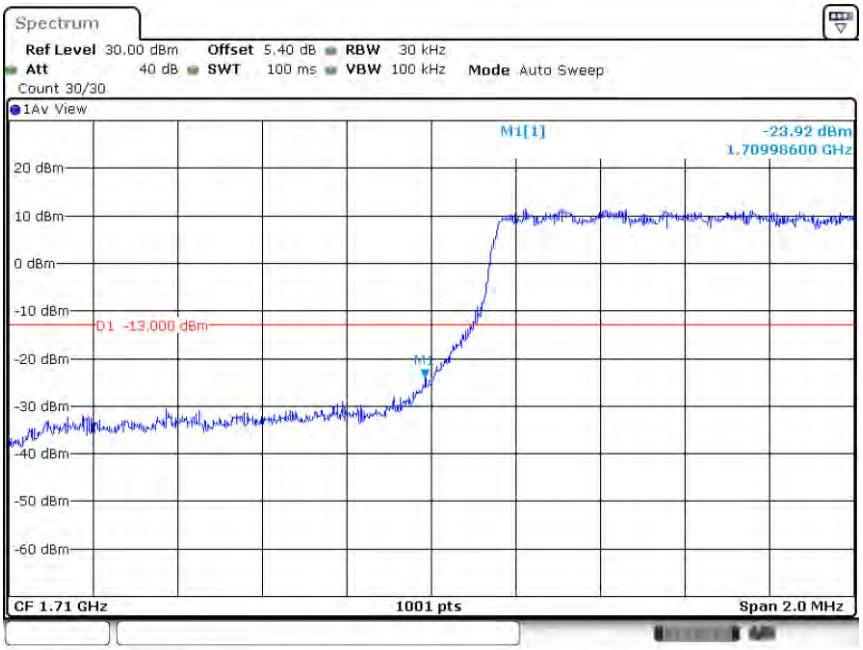
Band66-1.4MHz-16QAM-131979-6RB#0



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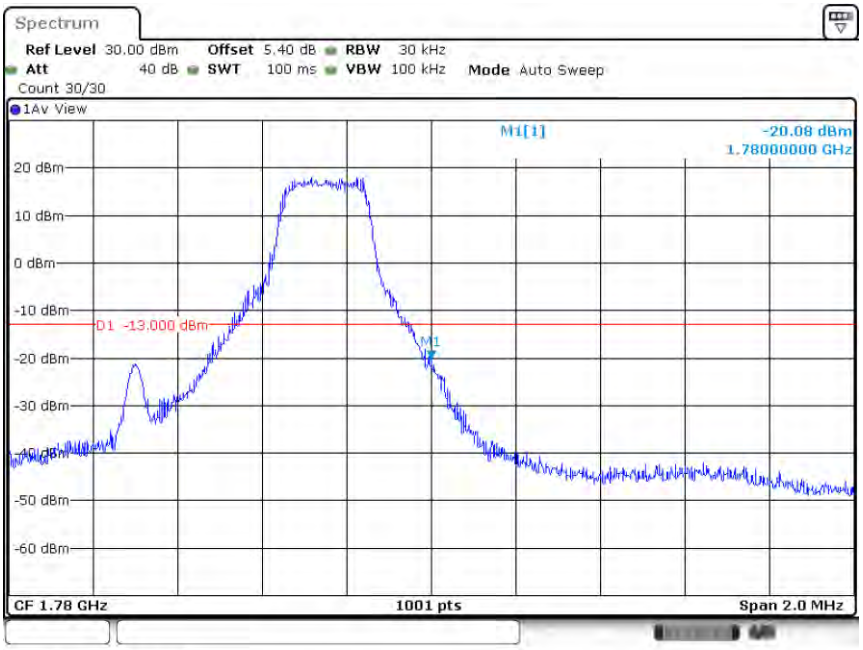

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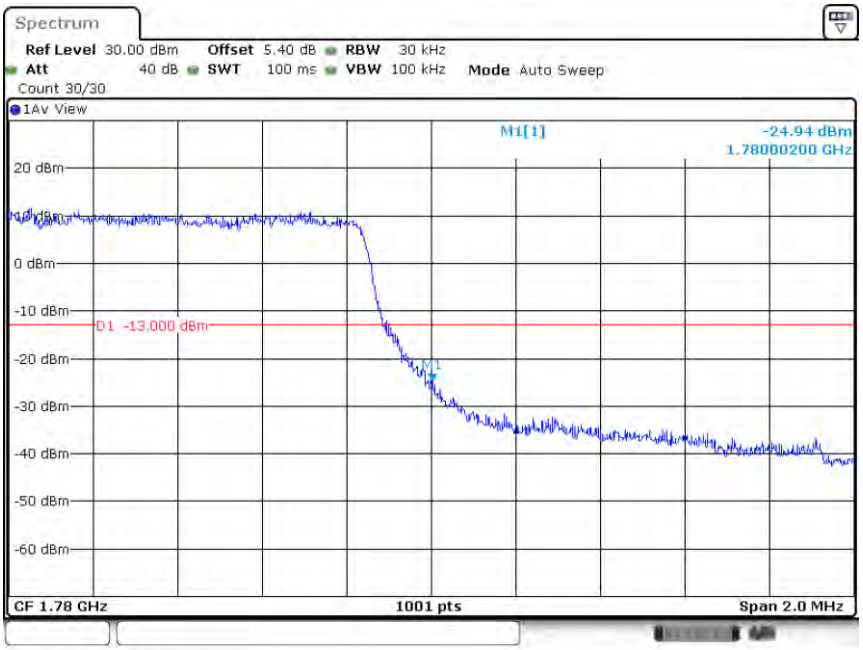

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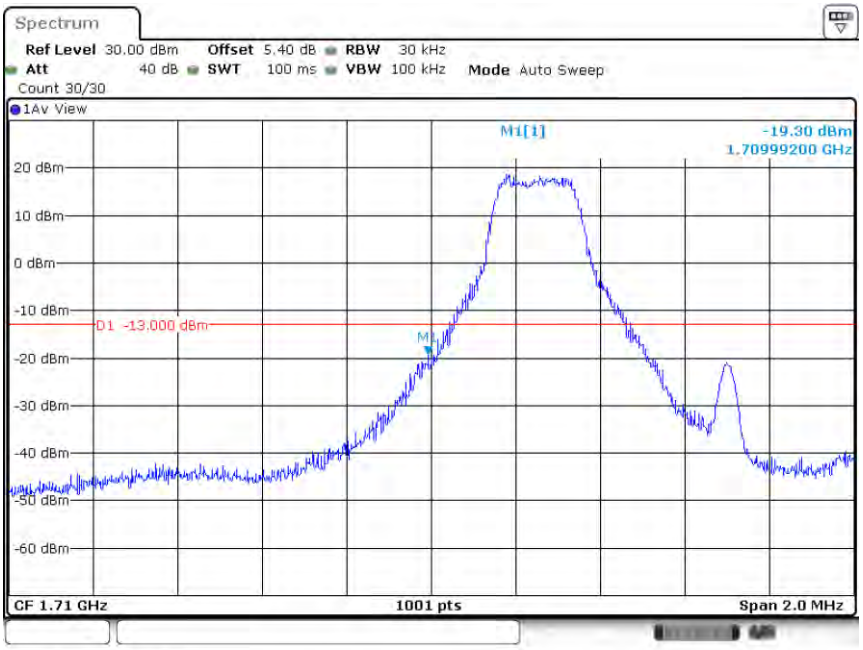

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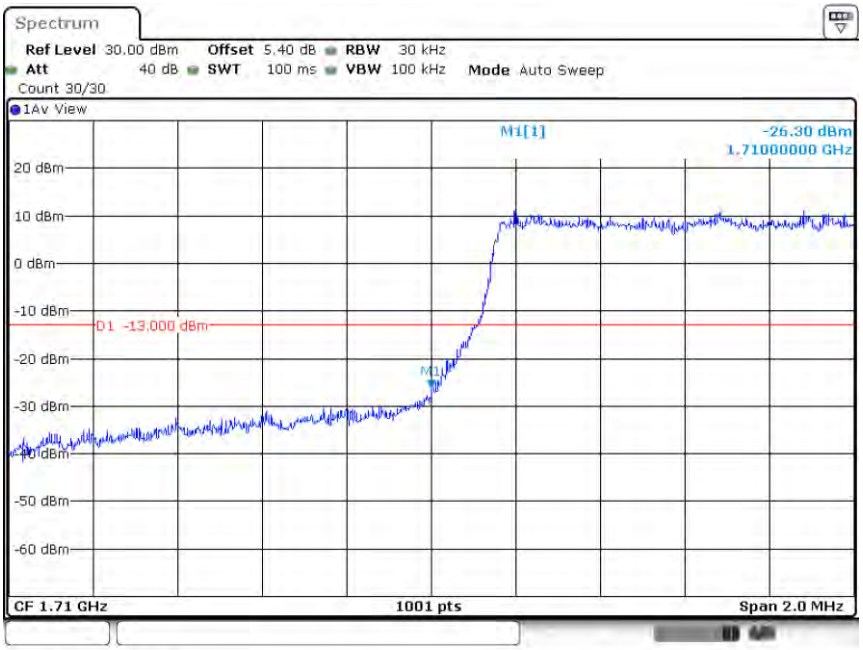

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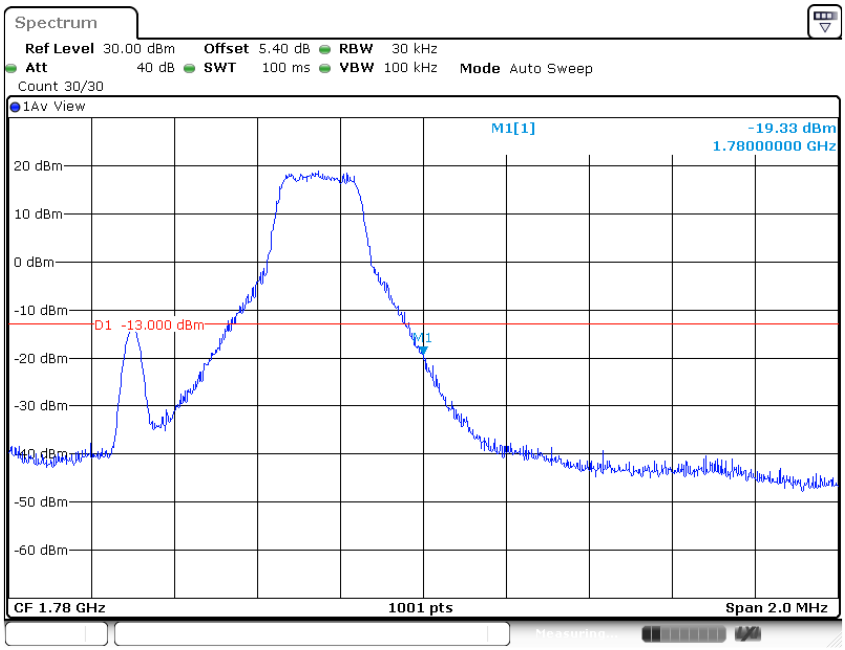

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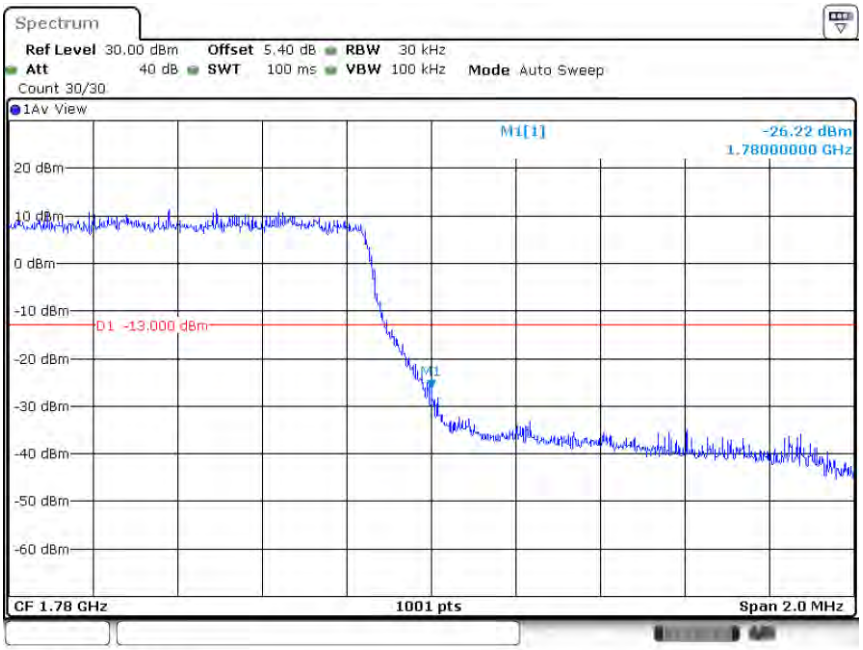

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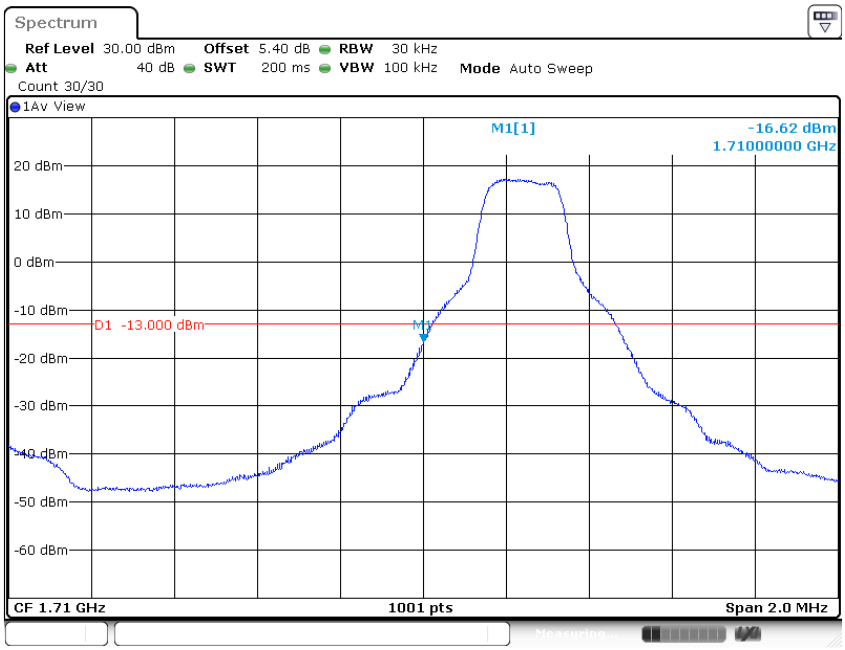

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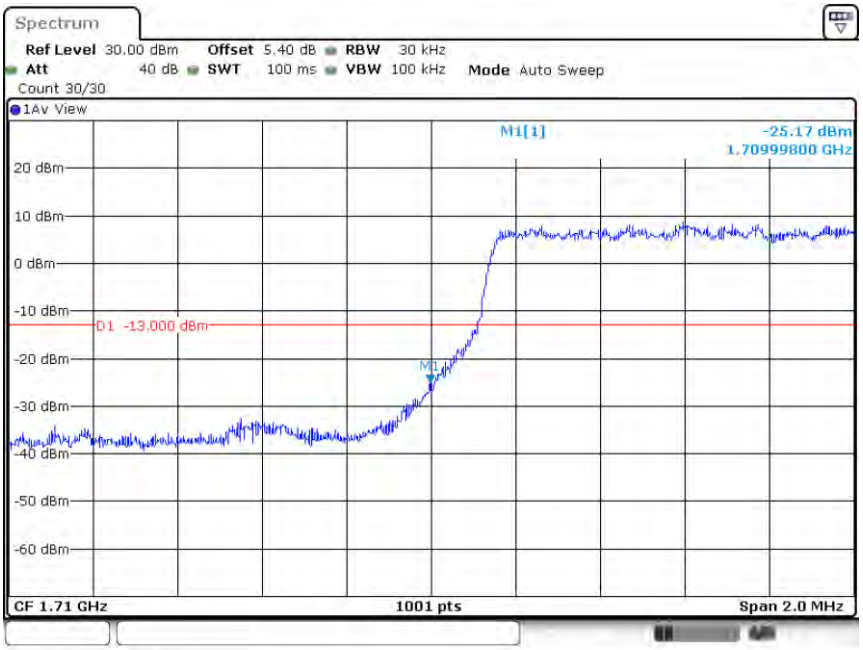

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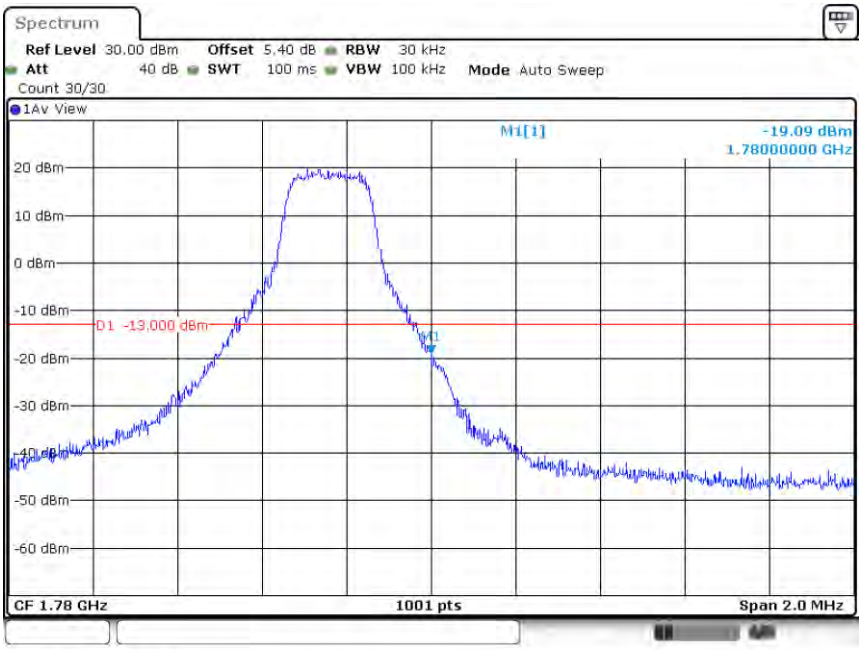
Band66-3MHz-QPSK-132657-1RB#14



Date: 23.OCT.2020 09:55:01

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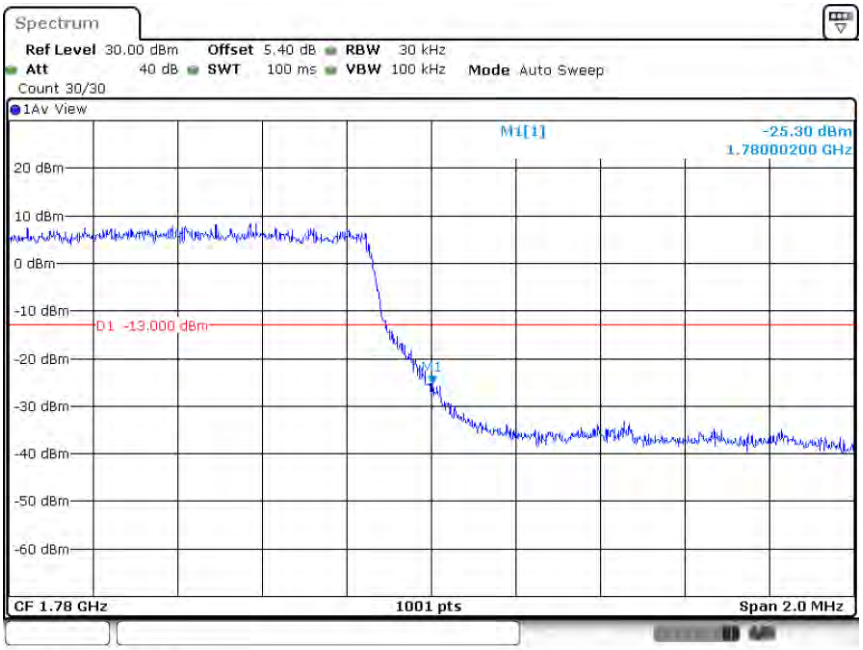
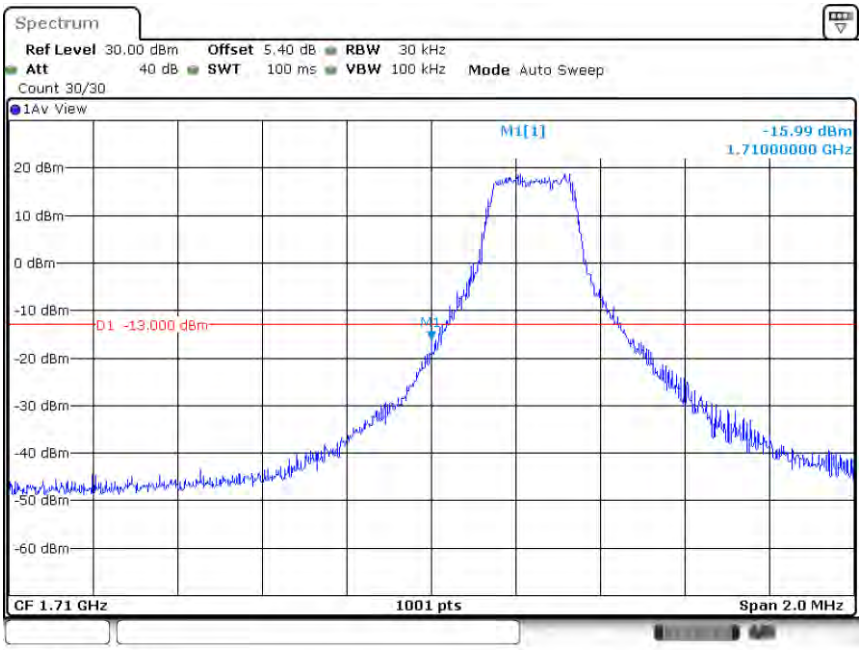
Band66-3MHz-QPSK-132657-15RB#0



Date: 23.OCT.2020 09:55:34

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



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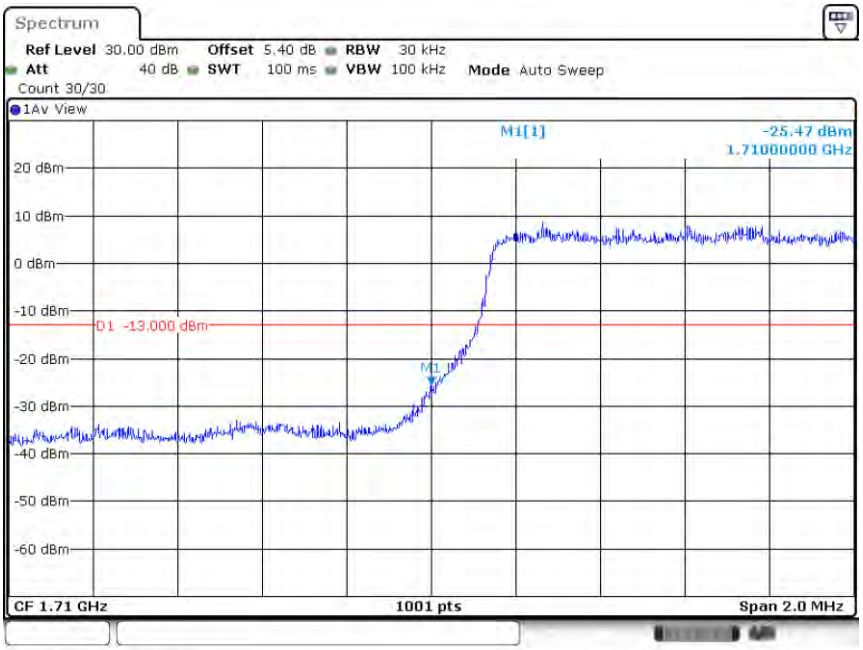
Band66-3MHz-16QAM-131987-15RB#0



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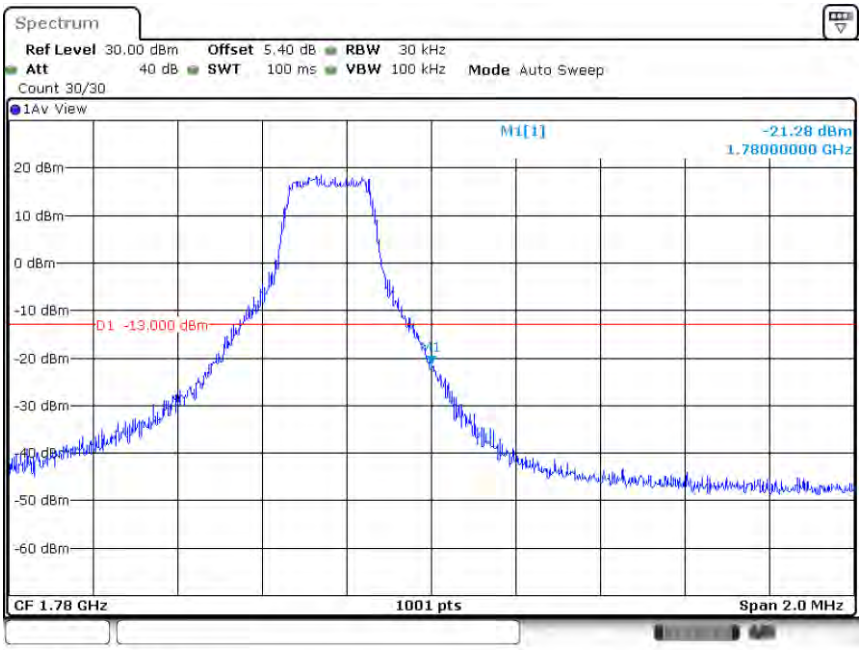
Band66-3MHz-16QAM-132657-1RB#14



Date: 23.OCT.2020 09:55:18

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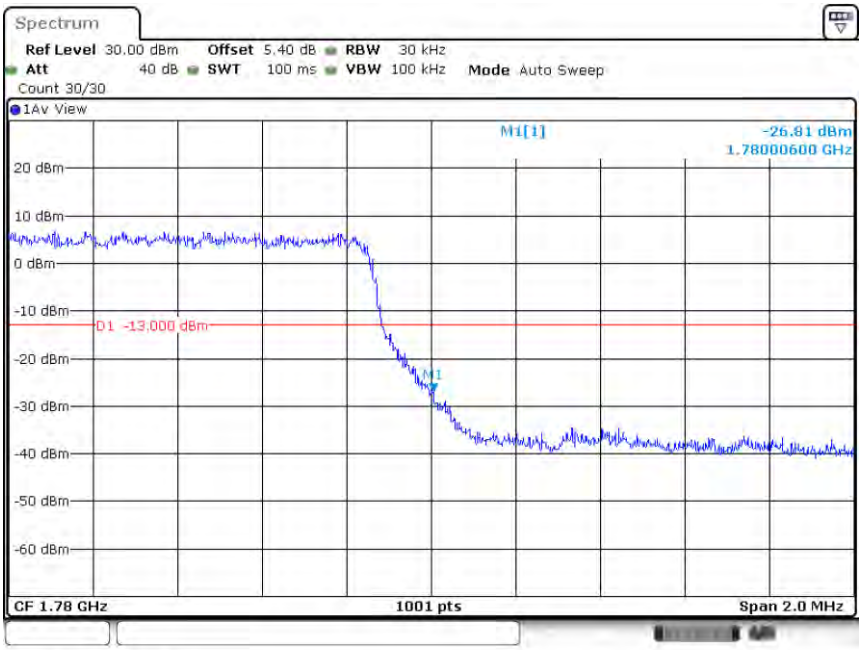
Band66-3MHz-16QAM-132657-15RB#0



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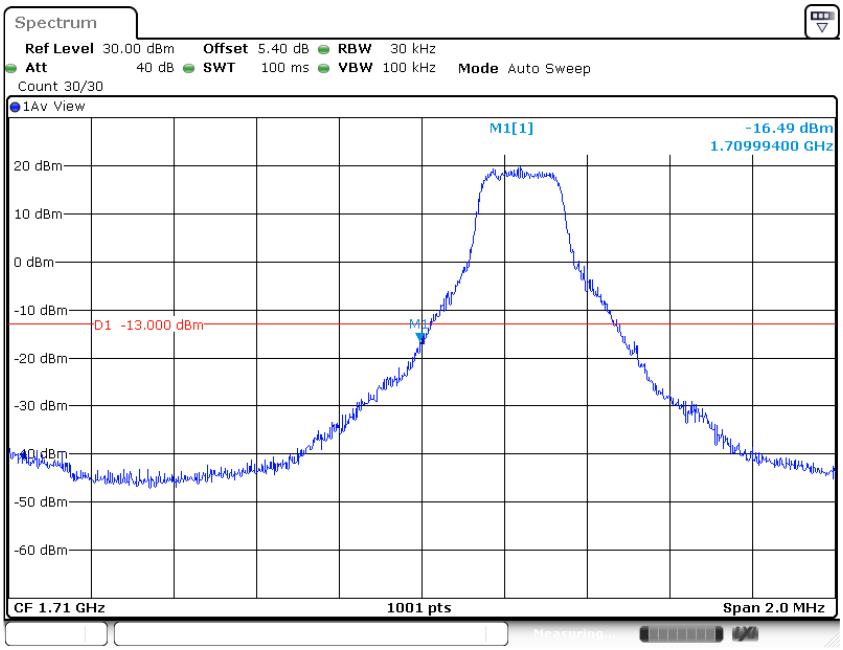
Band66-3MHz-64QAM-131987-1RB#0



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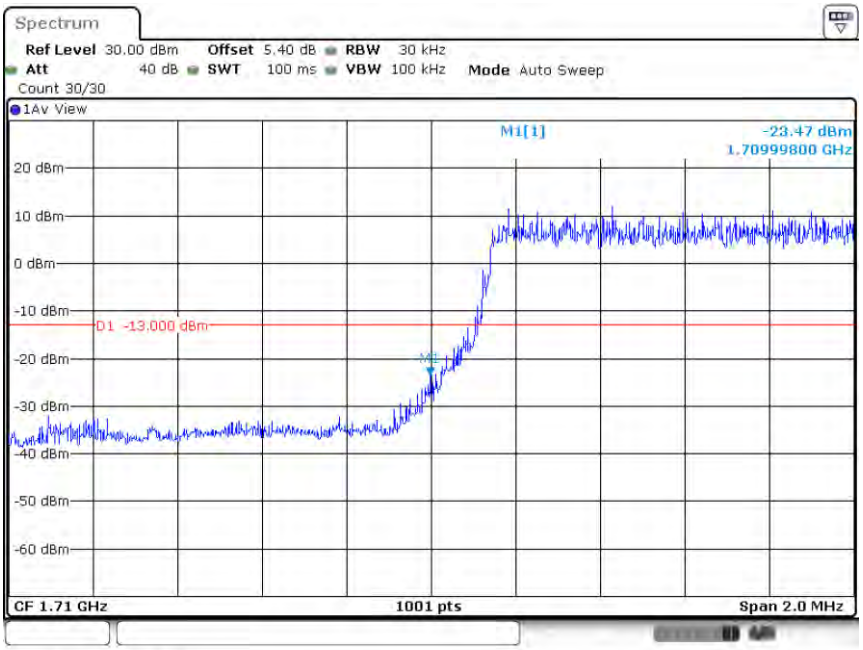
Band66-3MHz-64QAM-131987-15RB#0



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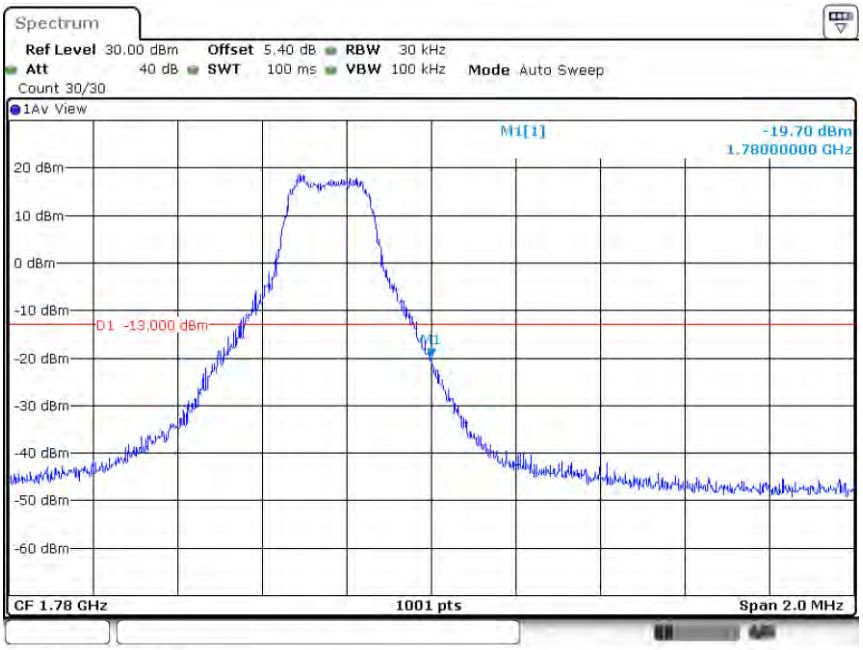
Band66-3MHz-64QAM-132657-1RB#14



Date: 23.OCT.2020 09:23:40

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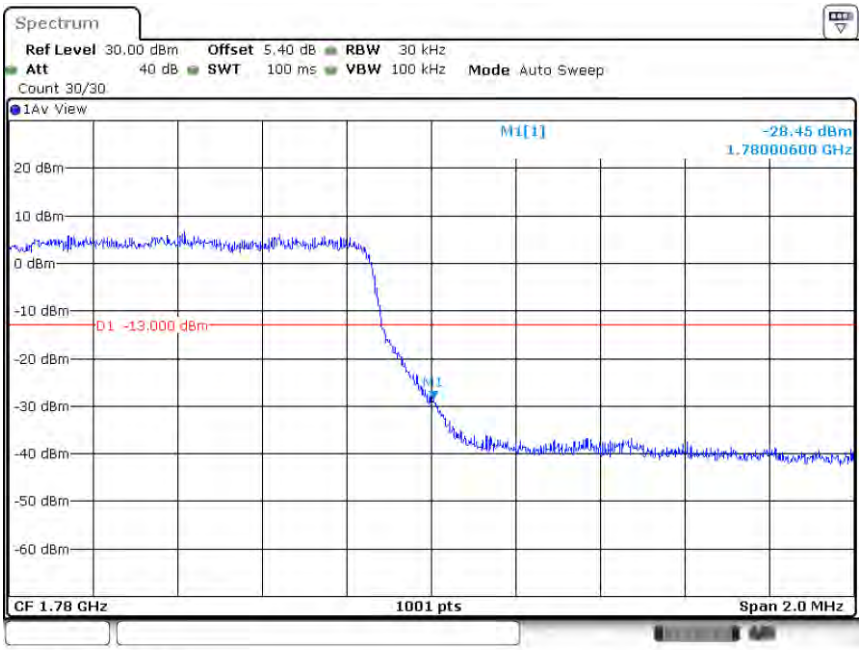
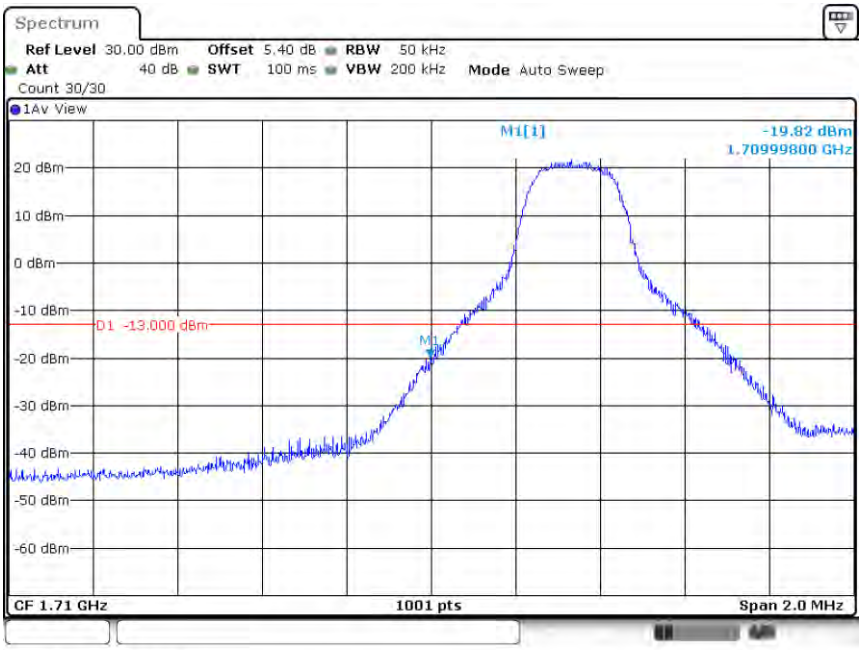


Date: 23.OCT.2020 09:23:57

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



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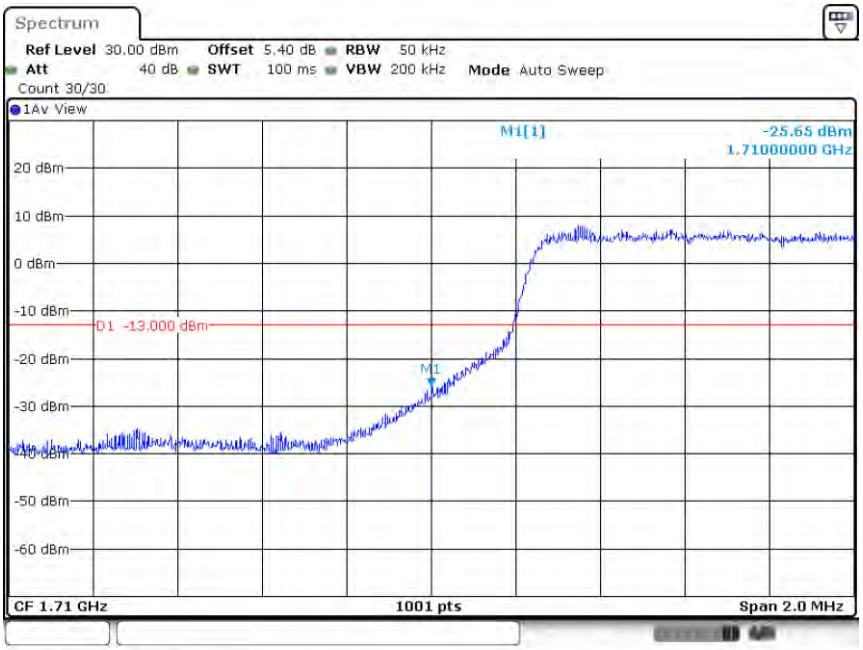
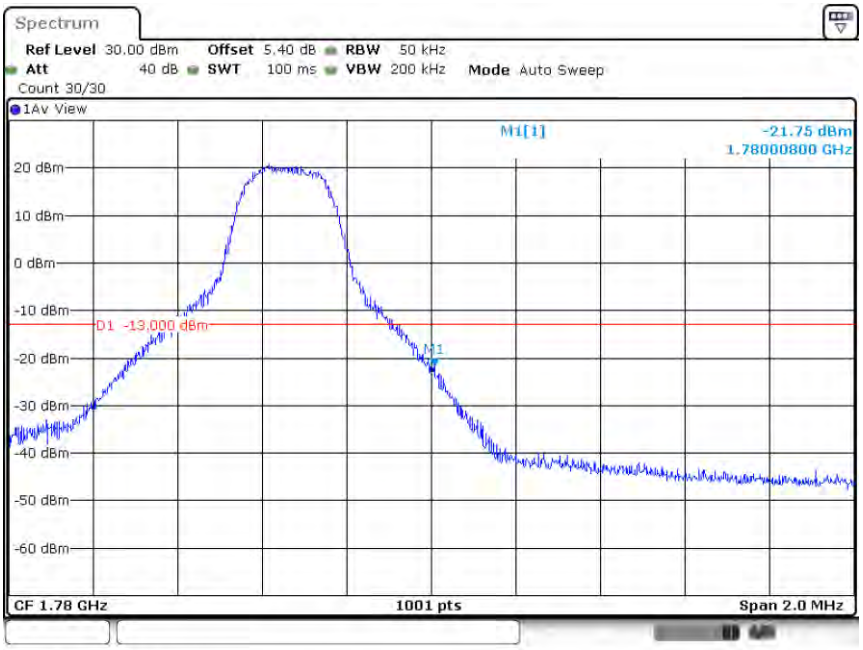


Date: 23.OCT.2020 09:56:50

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



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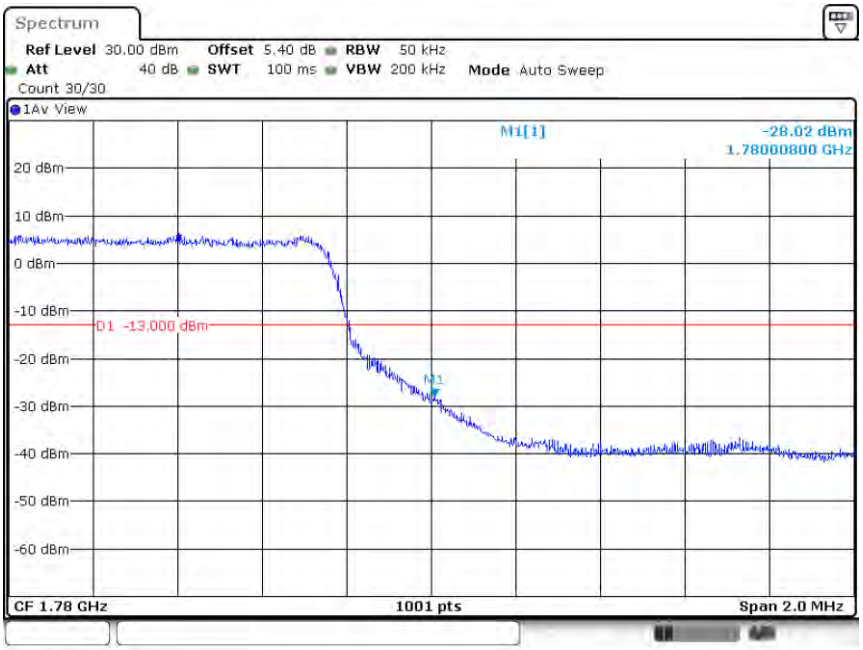
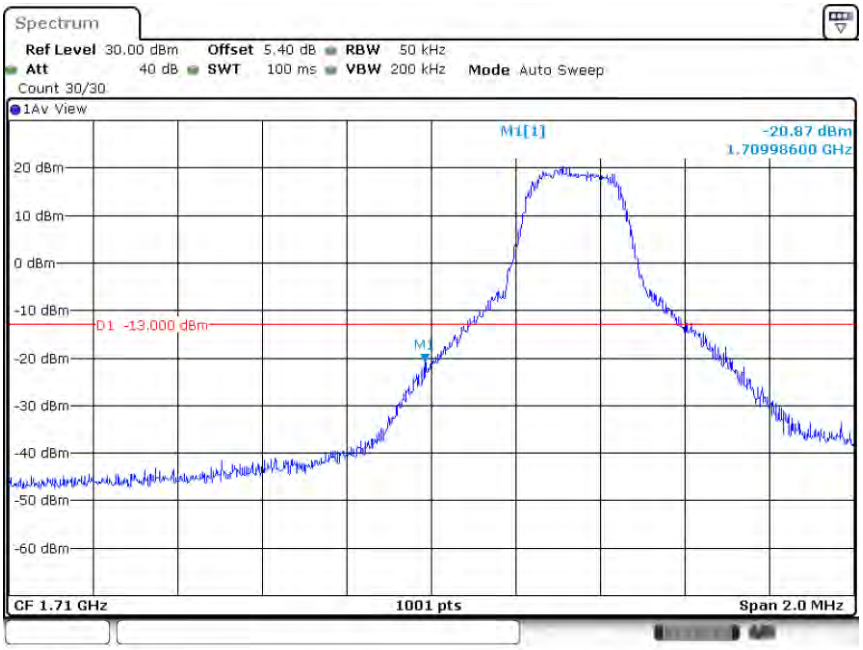
Band66-5MHz-QPSK-132647-25RB#0



Date: 23.OCT.2020 09:58:04

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



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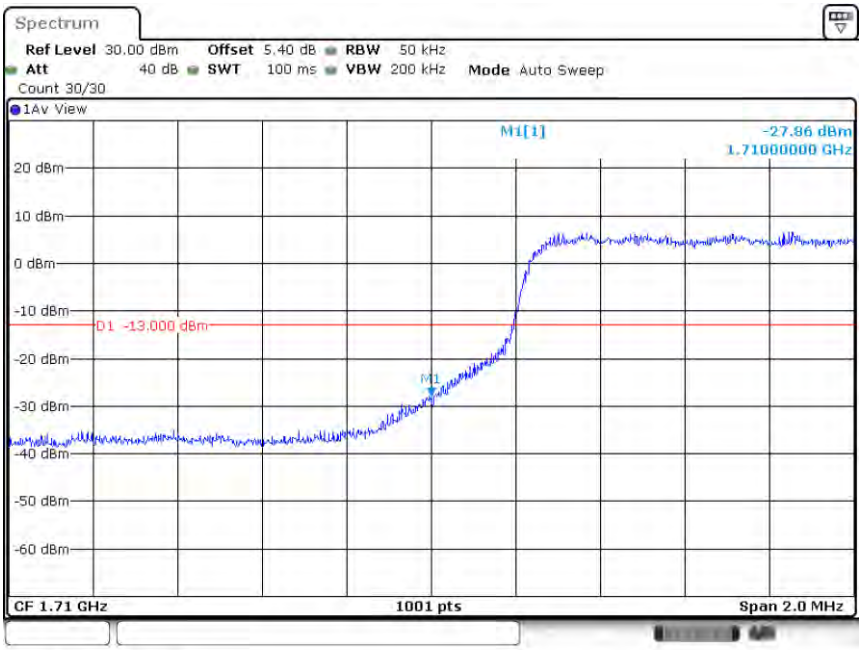
Band66-5MHz-16QAM-131997-25RB#0



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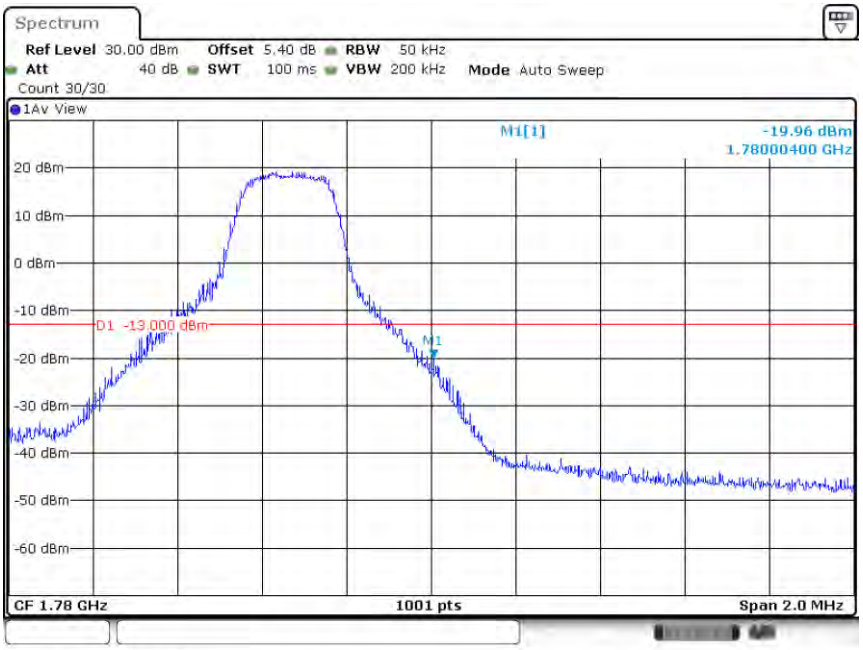
Band66-5MHz-16QAM-132647-1RB#24



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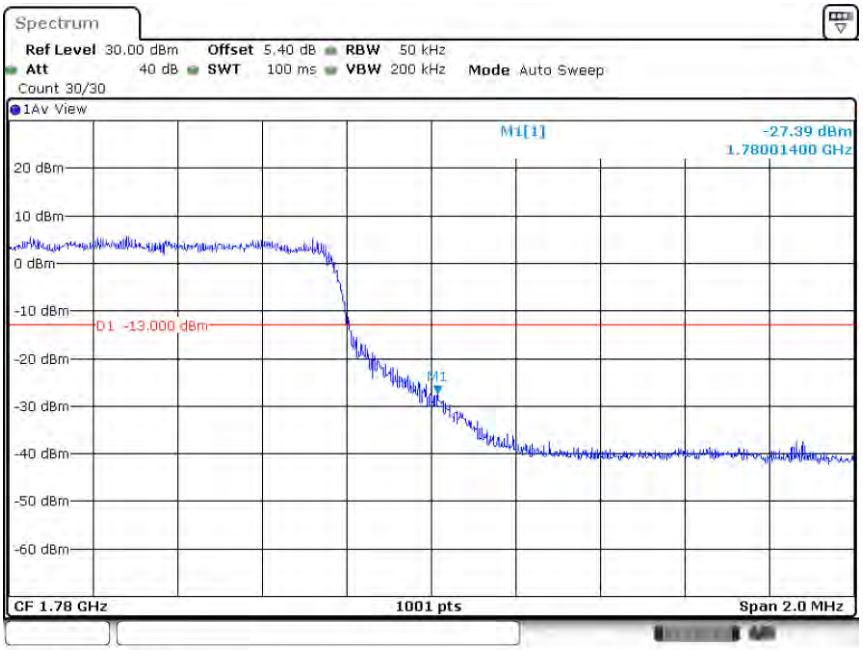
Band66-5MHz-16QAM-132647-25RB#0



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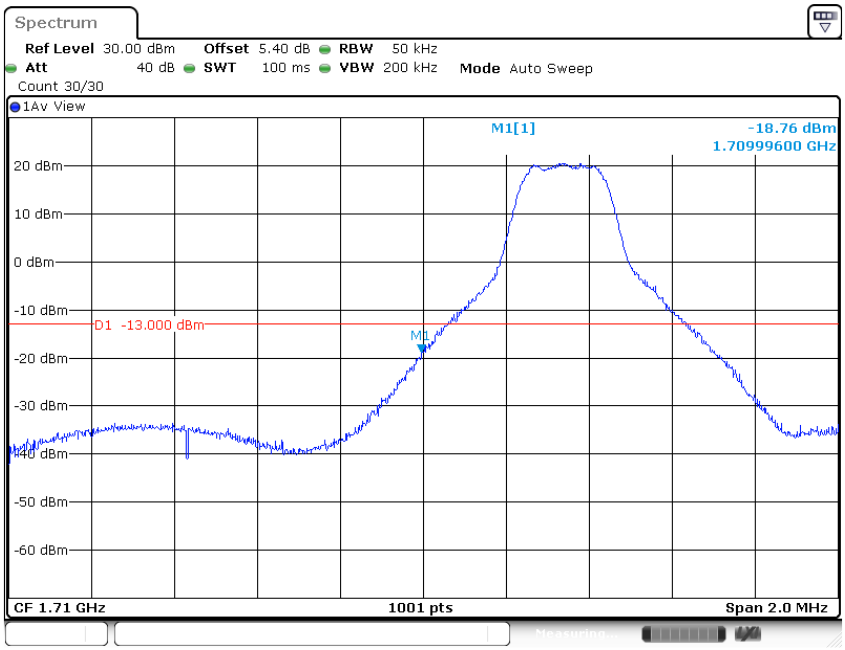

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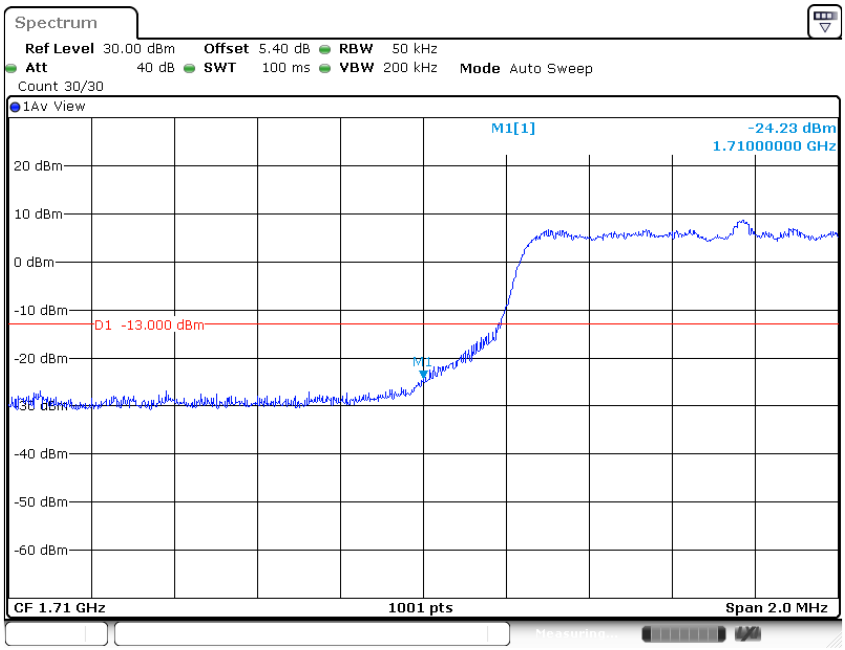
Band66-5MHz-64QAM-131997-25RB#0



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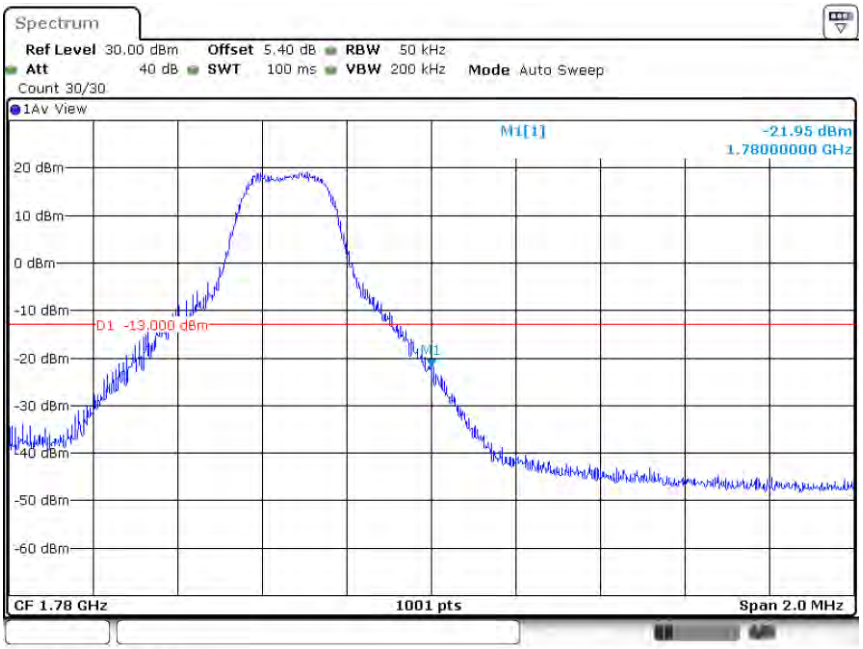

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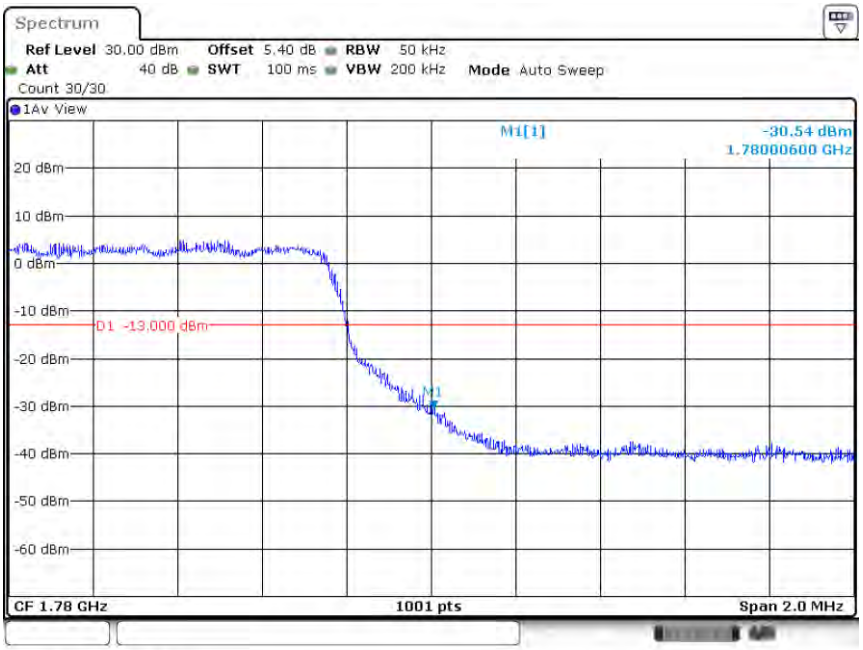
Band66-5MHz-64QAM-132647-25RB#0



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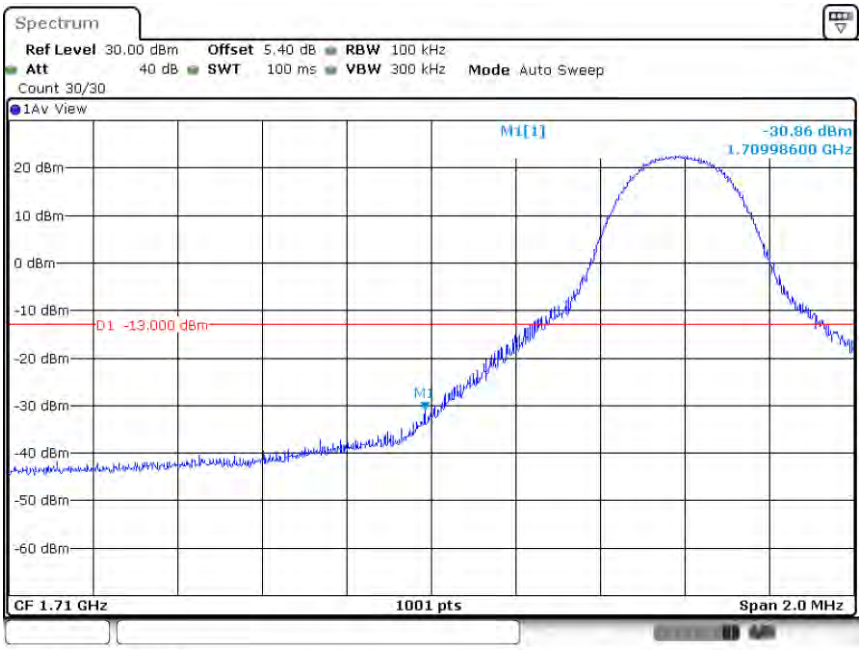
Band66-10MHz-QPSK-132022-1RB#0



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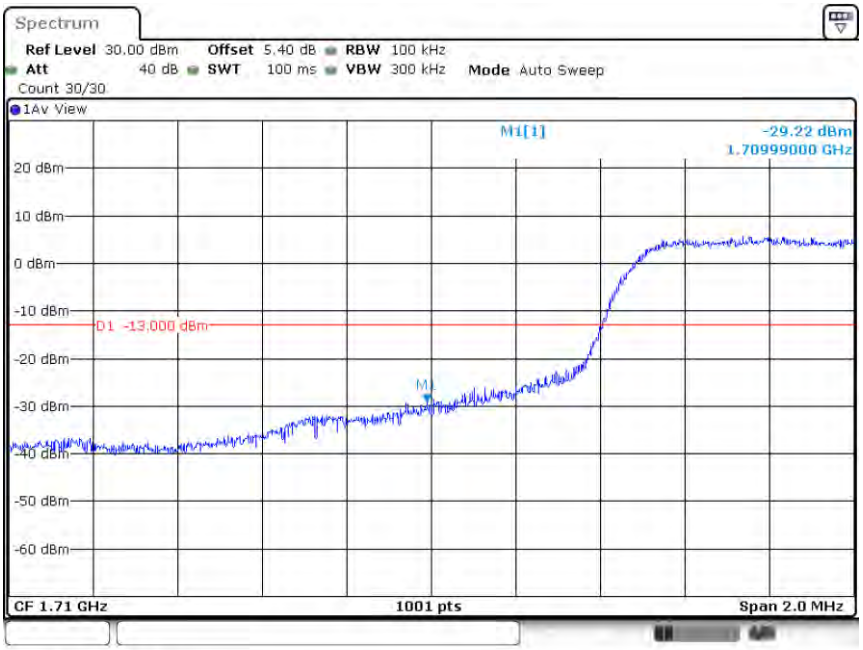
Band66-10MHz-QPSK-132022-50RB#0



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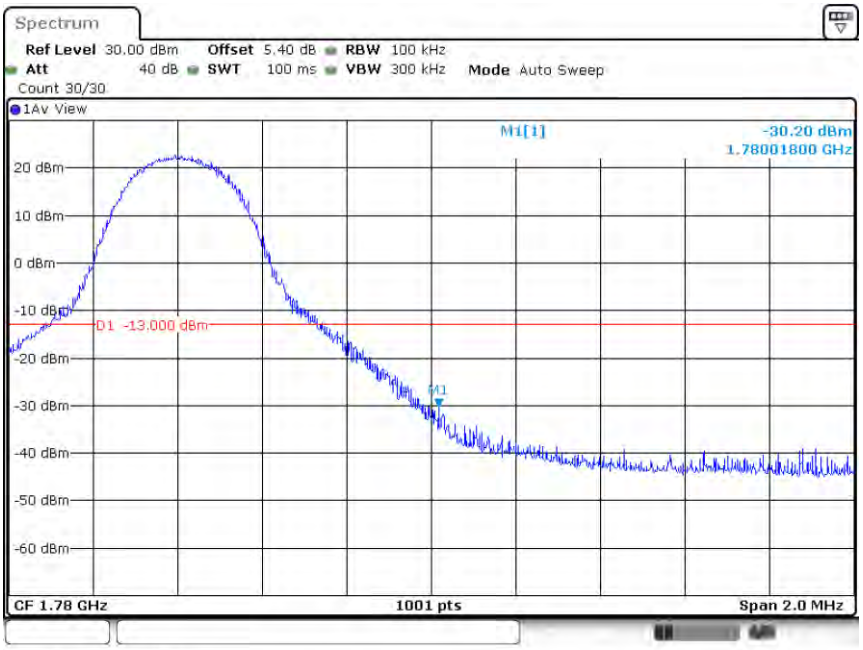
Band66-10MHz-QPSK-132622-1RB#49



Date: 23.OCT.2020 10:00:00

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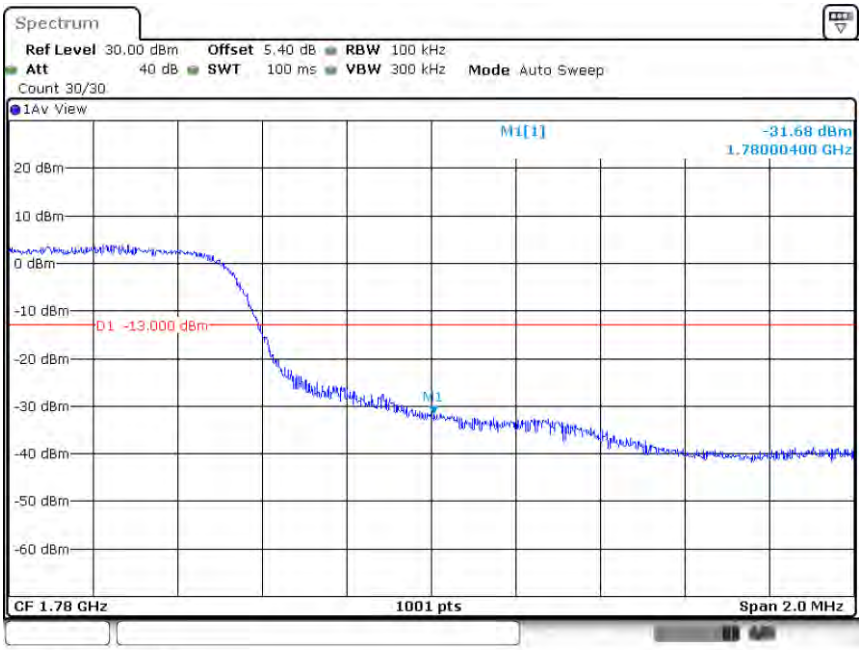
Band66-10MHz-QPSK-132622-50RB#0



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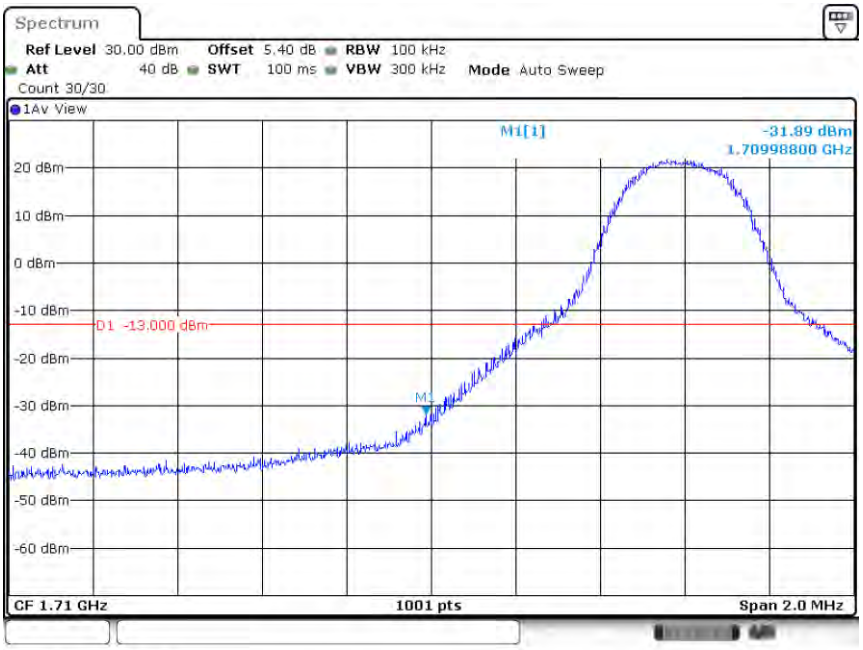
Band66-10MHz-16QAM-132022-1RB#0



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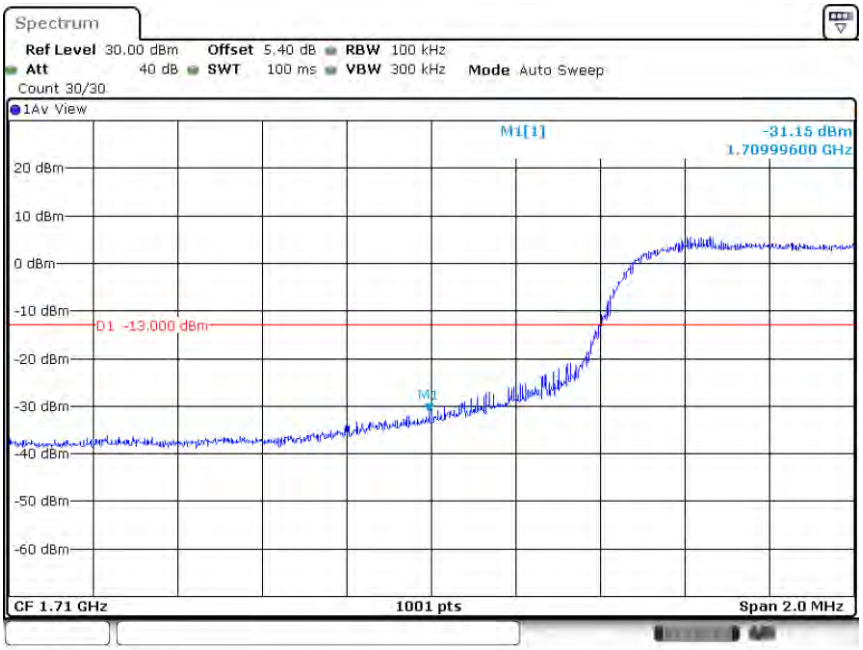

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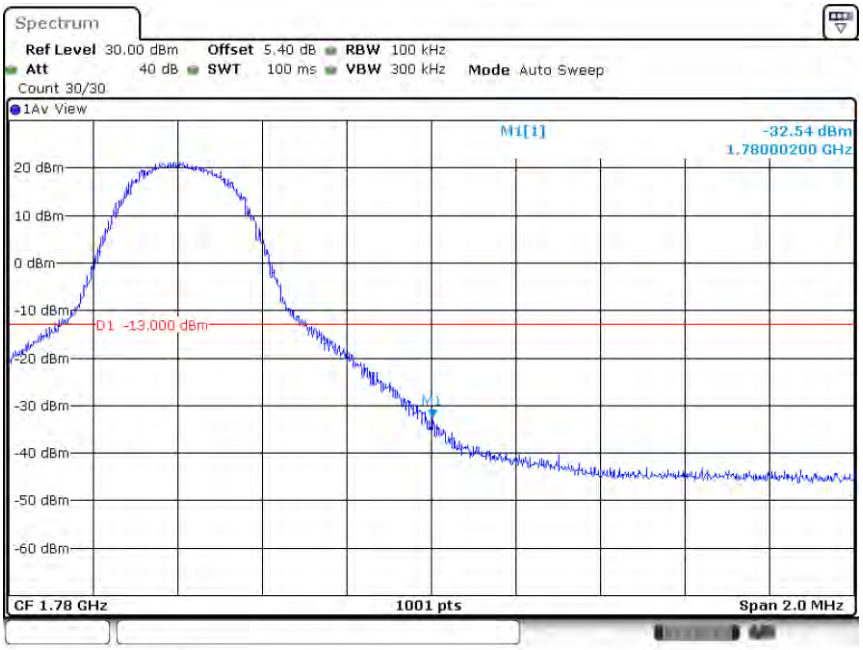
Band66-10MHz-16QAM-132622-1RB#49



Date: 23.OCT.2020 10:00:17

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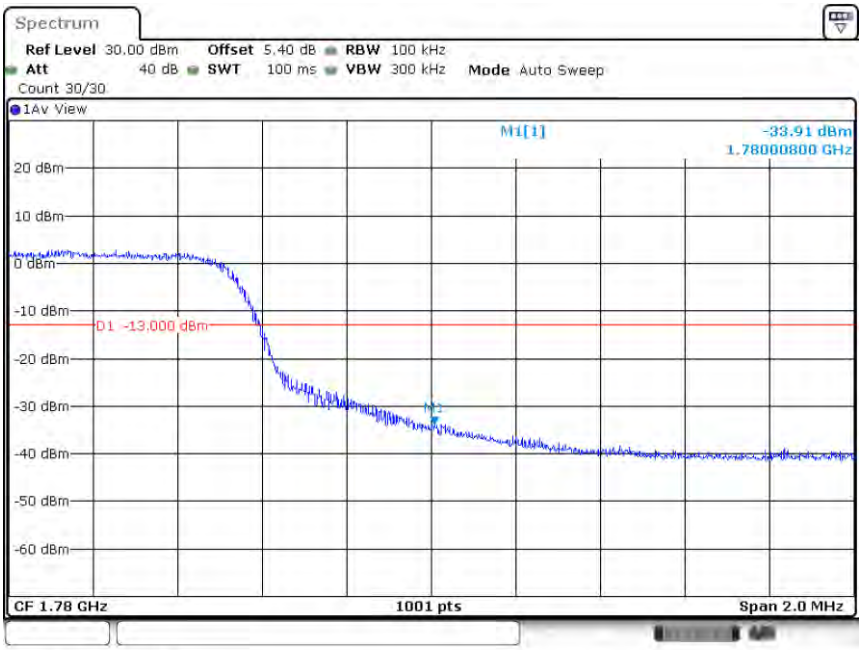
Band66-10MHz-16QAM-132622-50RB#0



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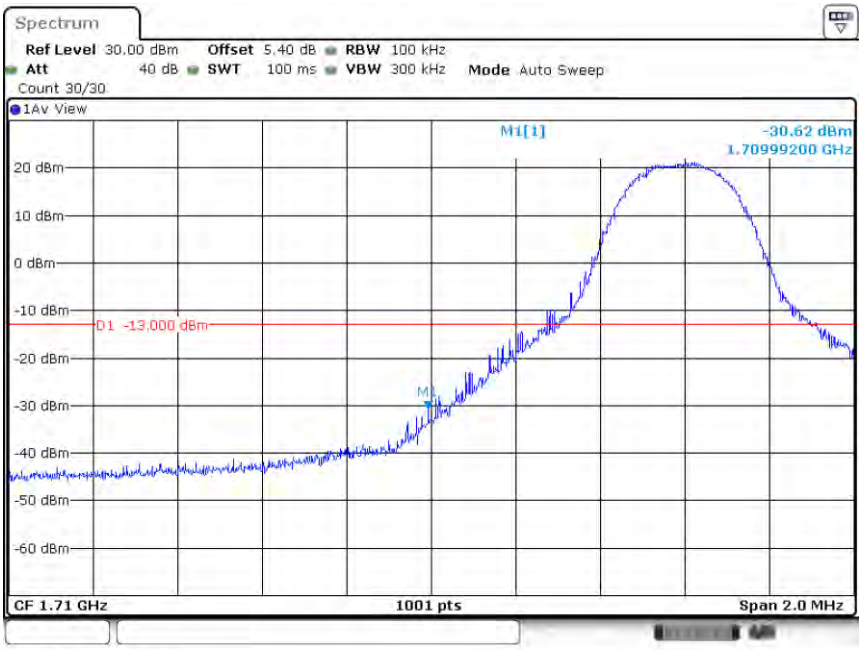

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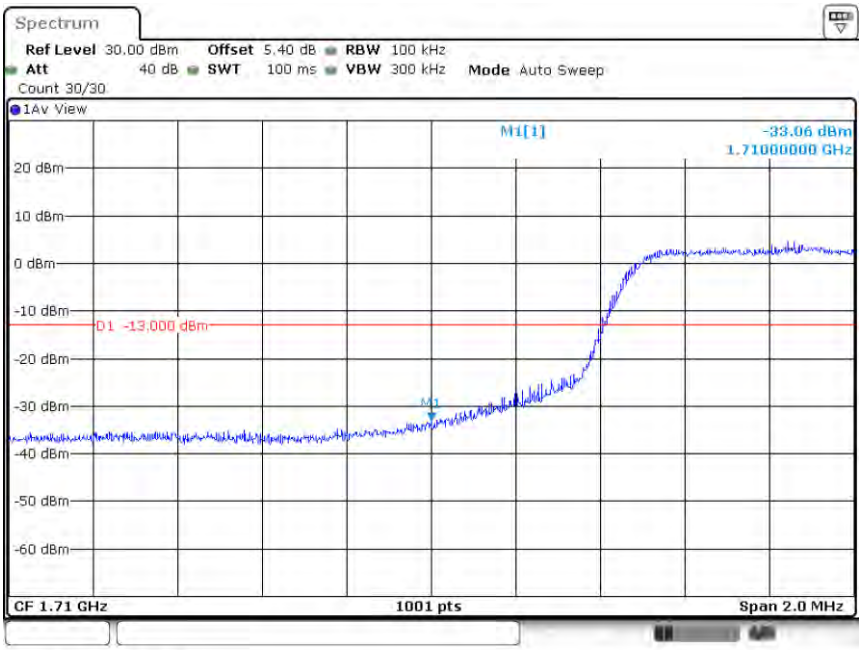

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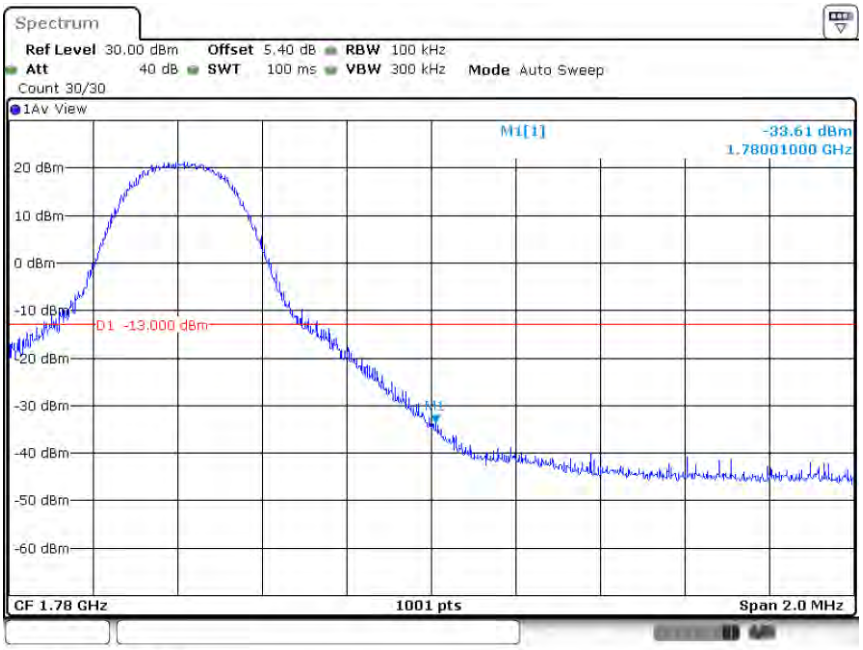

Date: 23.OCT.2020 09:29:15

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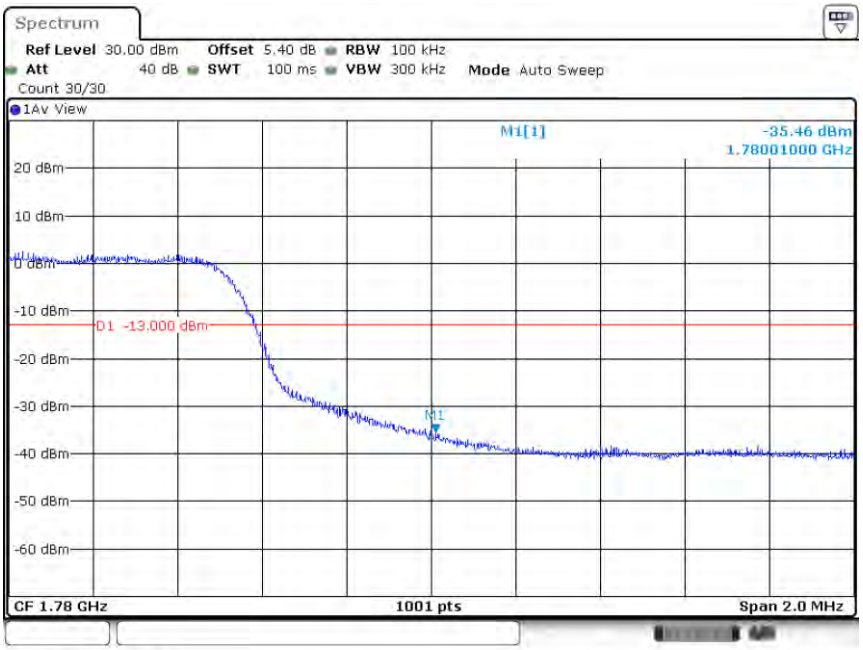

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Band66-15MHz-QPSK-132047-1RB#0

Date: 23.OCT.2020 10:01:16

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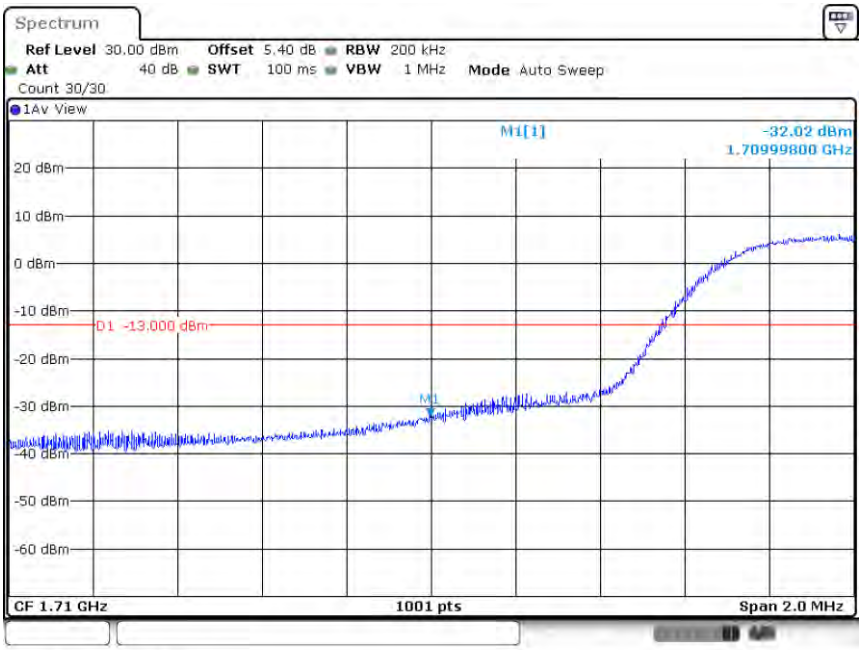
Band66-15MHz-QPSK-132047-75RB#0



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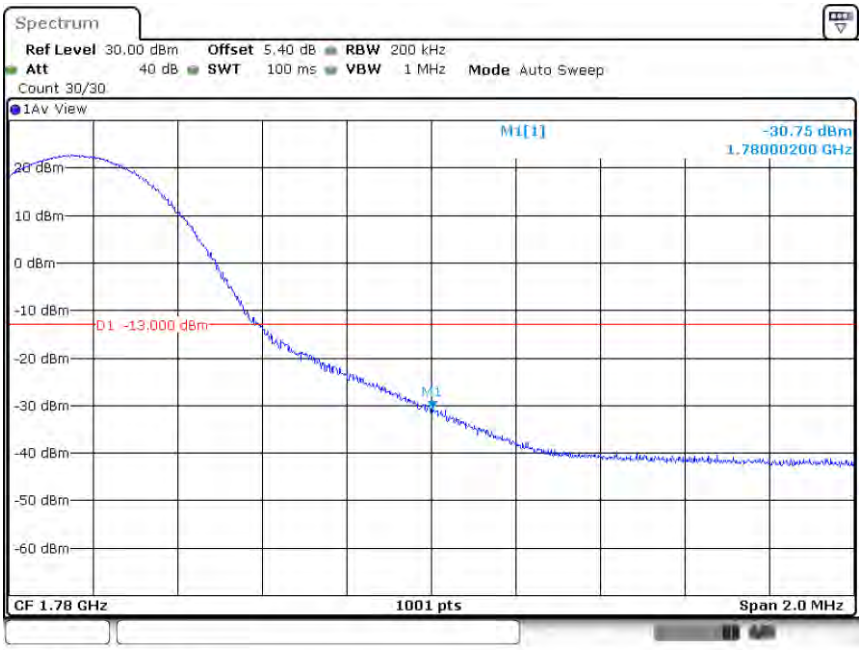

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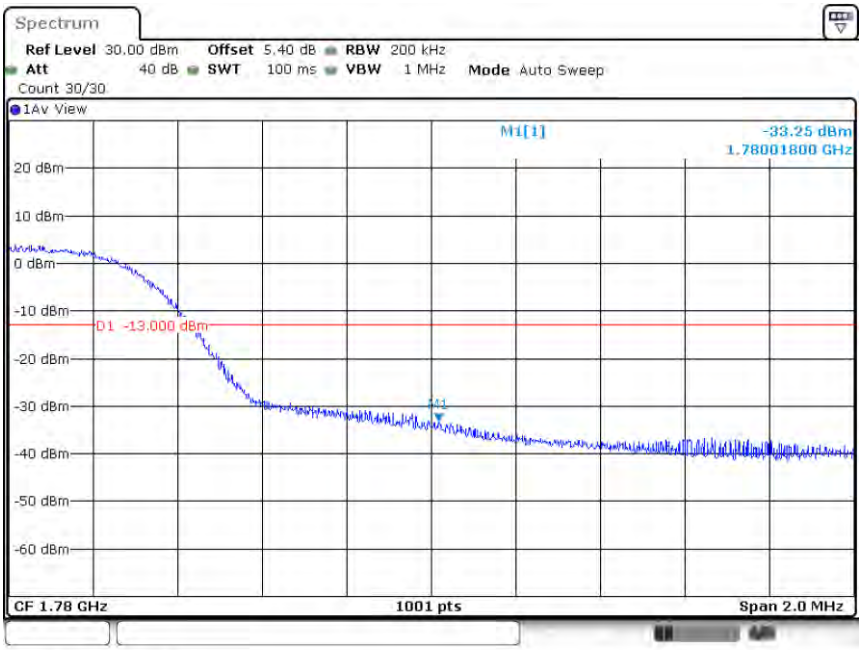

Date: 23.OCT.2020 10:03:03

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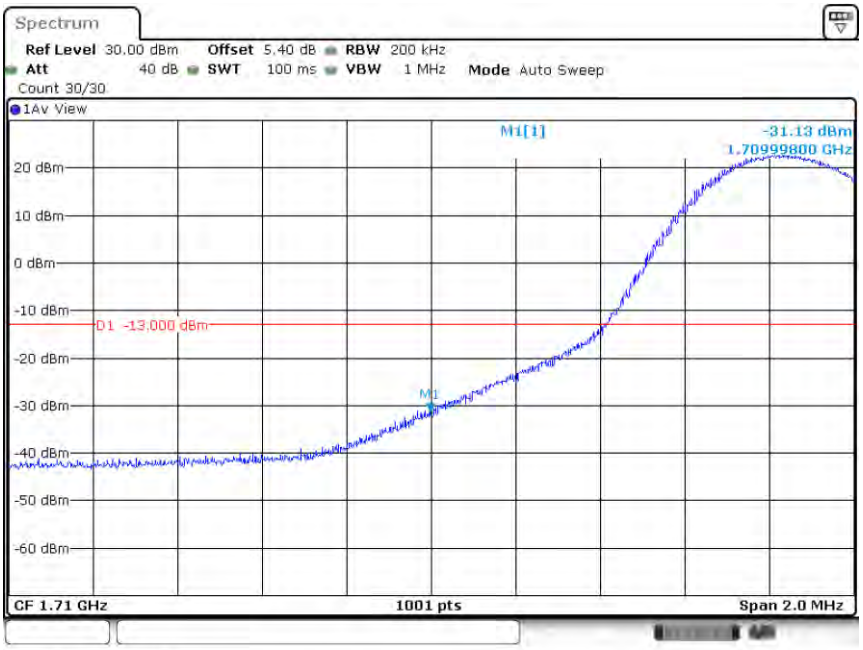

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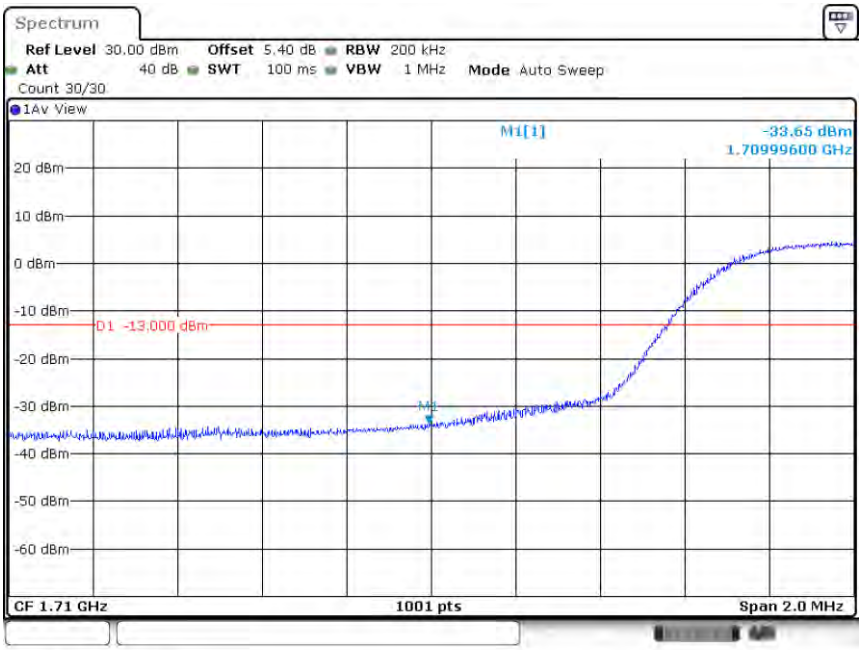

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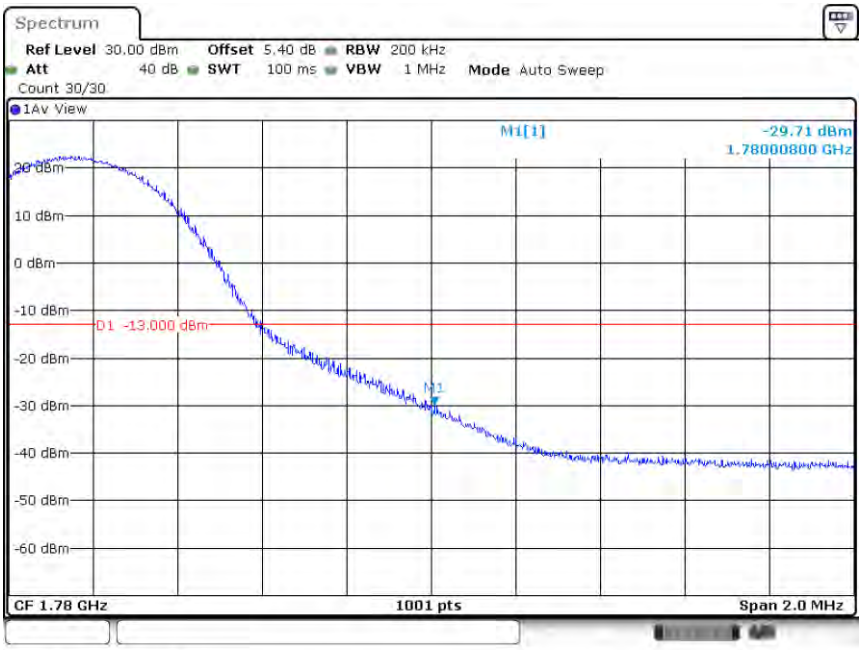
Band66-15MHz-16QAM-132597-1RB#74



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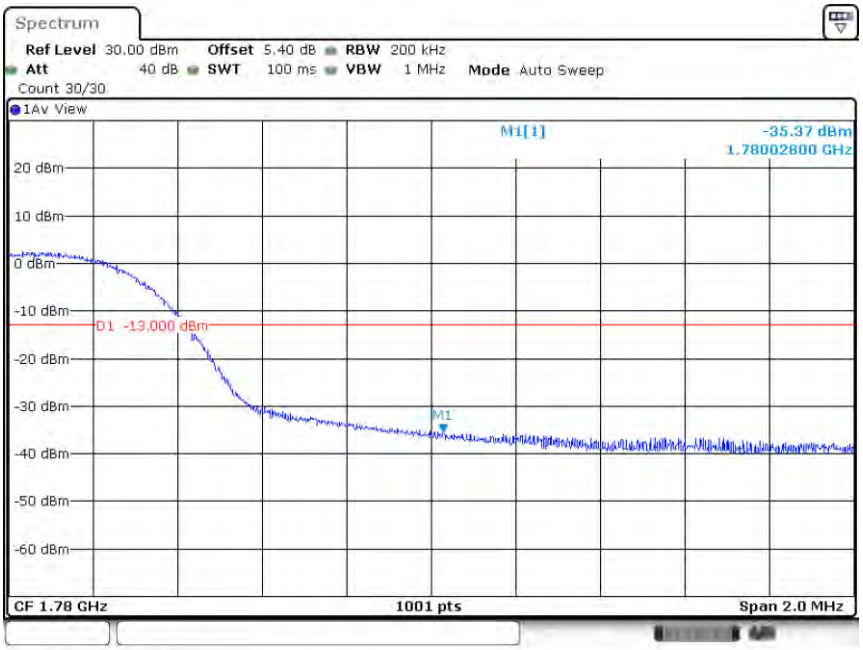
Band66-15MHz-16QAM-132597-75RB#0



Date: 23.OCT.2020 10:03:19

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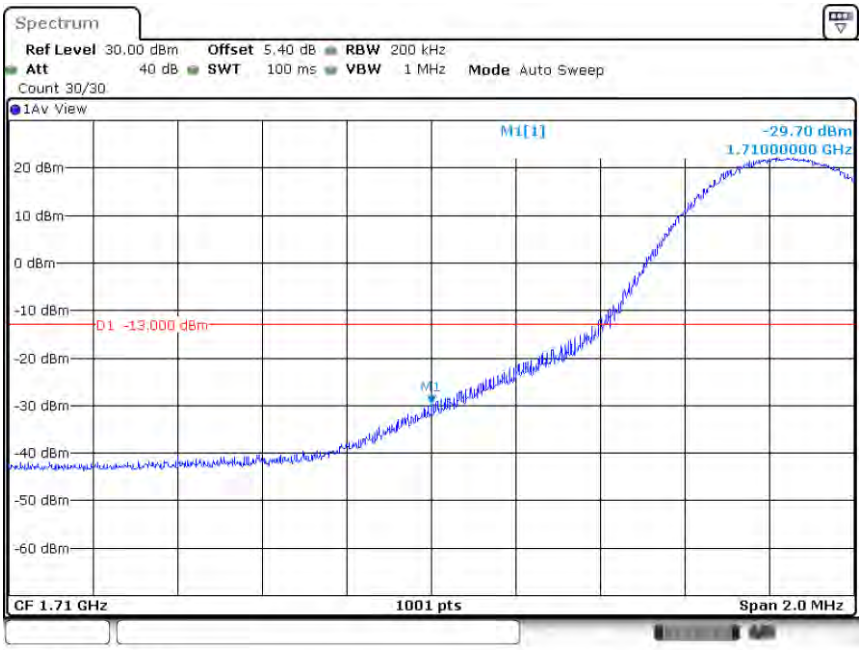

Date: 23.OCT.2020 09:30:03

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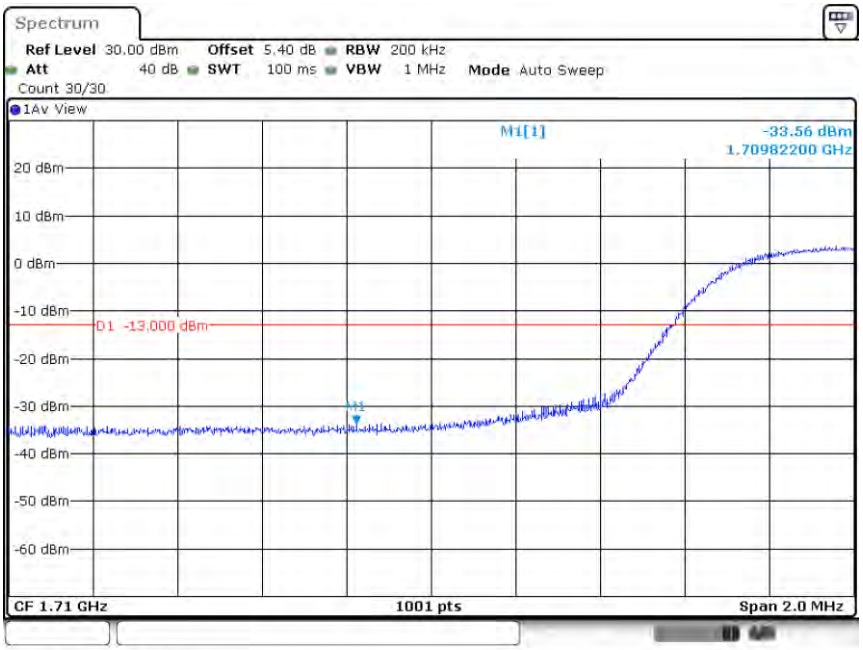

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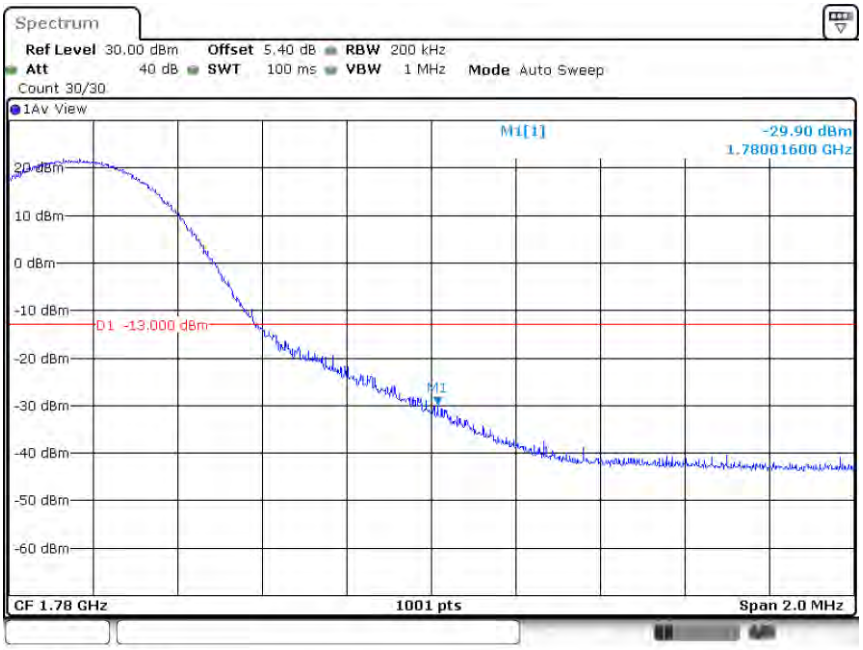
Band66-15MHz-64QAM-132597-1RB#74



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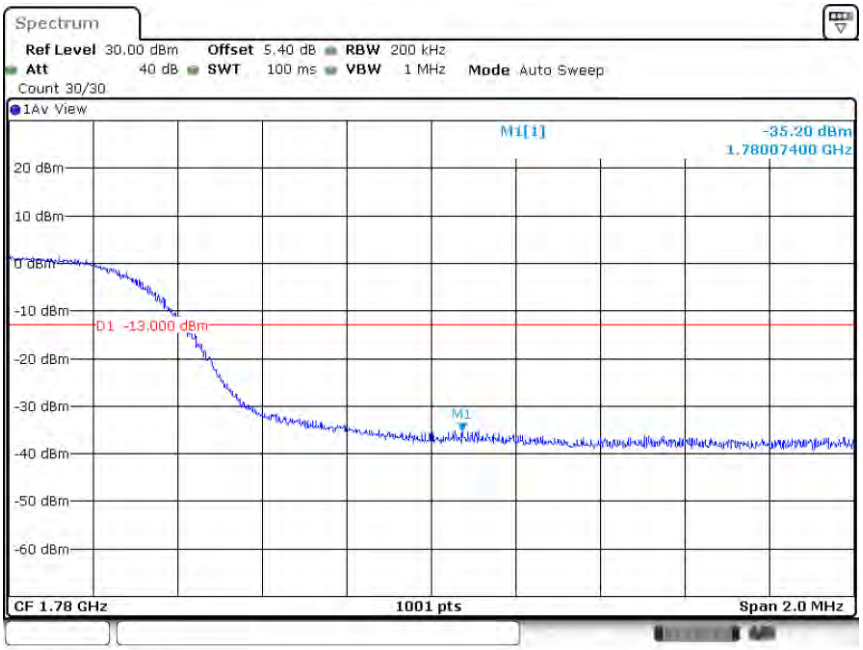
Band66-15MHz-64QAM-132597-75RB#0



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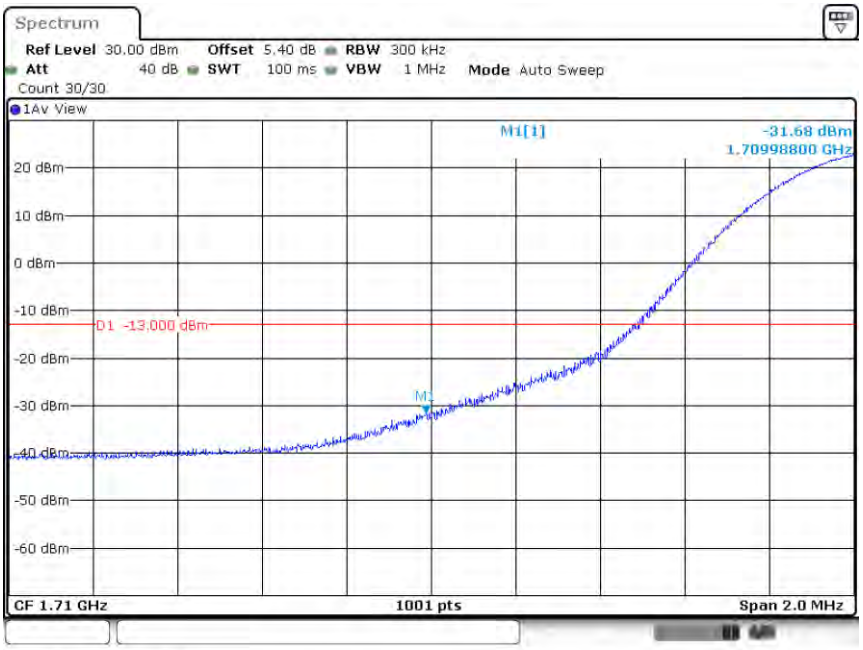
Band66-20MHz-QPSK-132072-1RB#0



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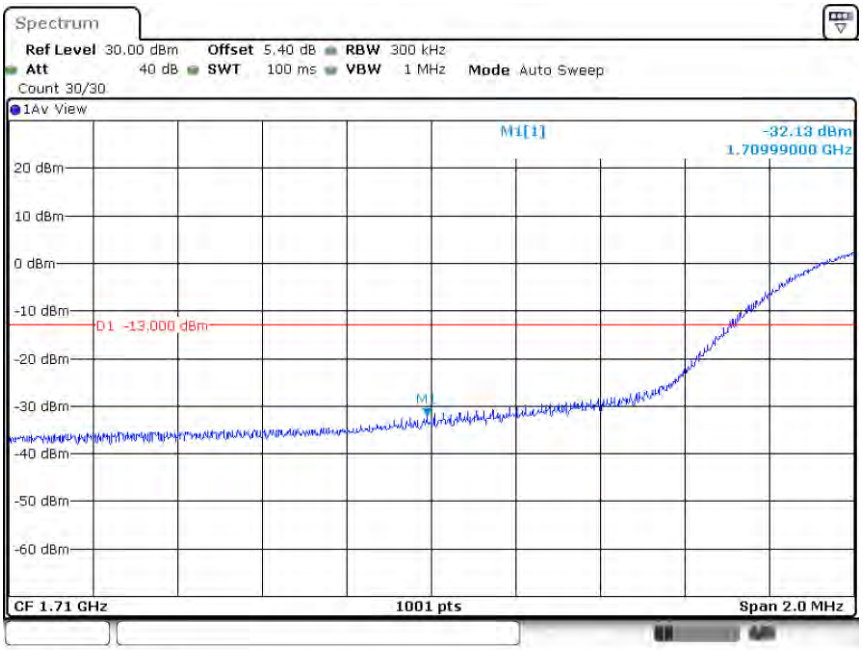
Band66-20MHz-QPSK-132072-100RB#0



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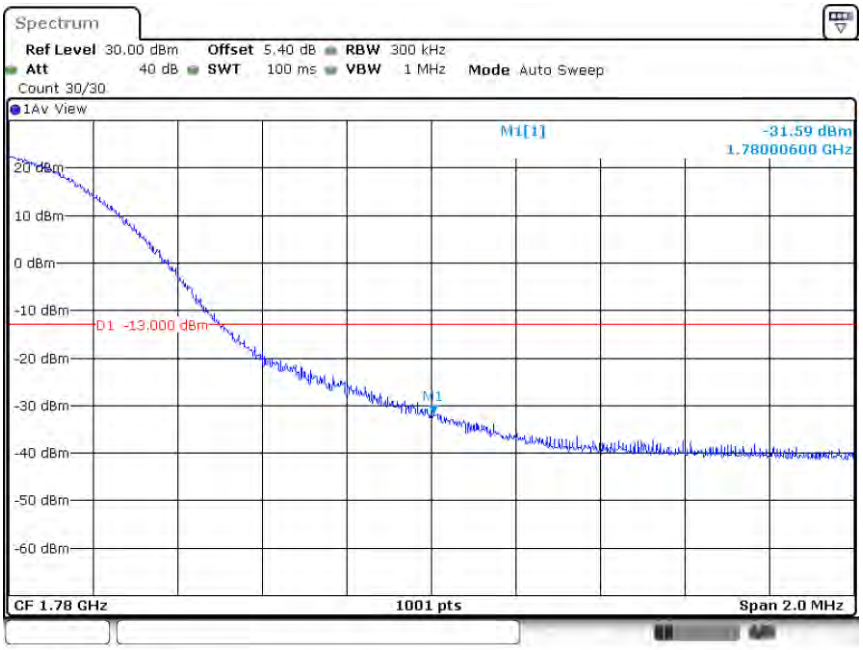
Band66-20MHz-QPSK-132572-1RB#99



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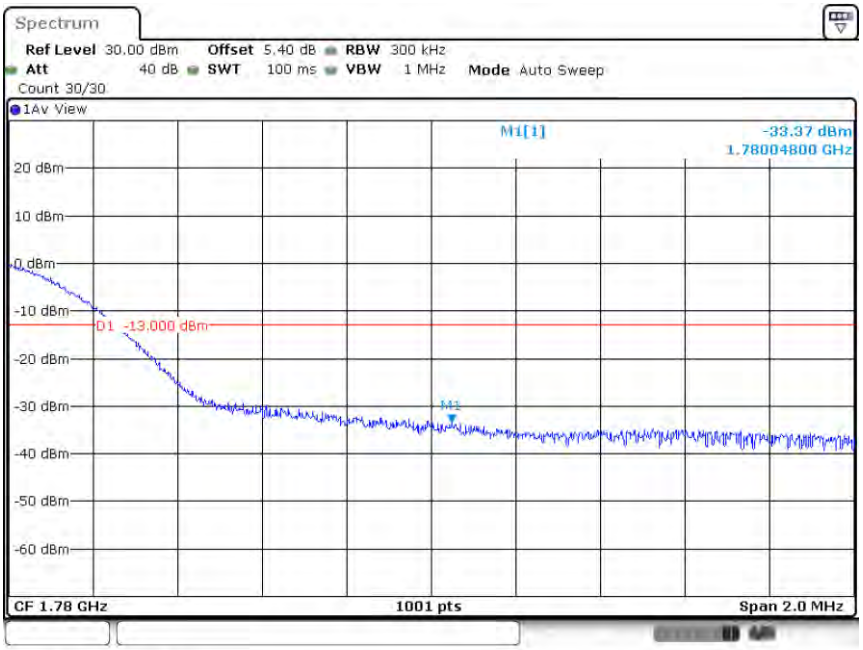
Band66-20MHz-QPSK-132572-100RB#0



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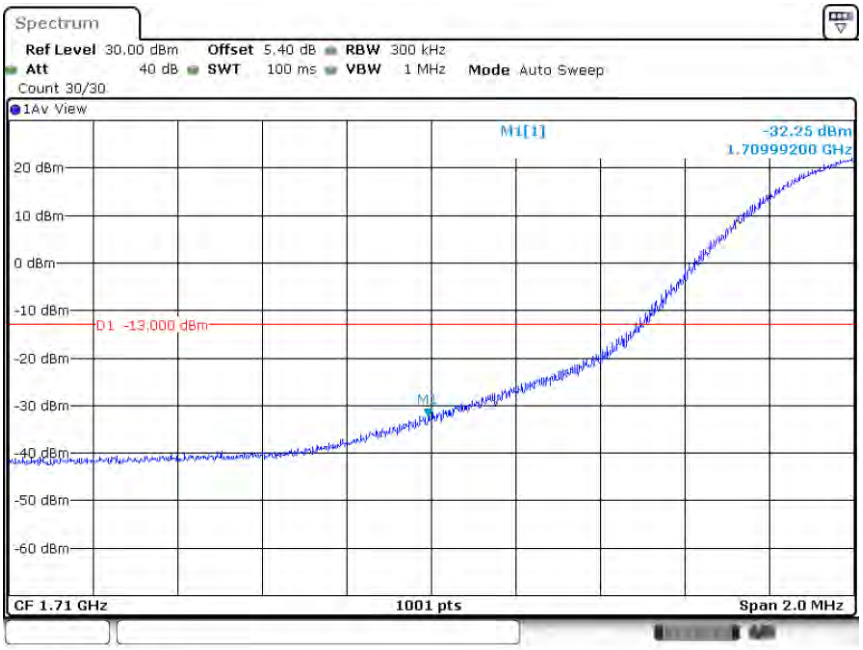
Band66-20MHz-16QAM-132072-1RB#0



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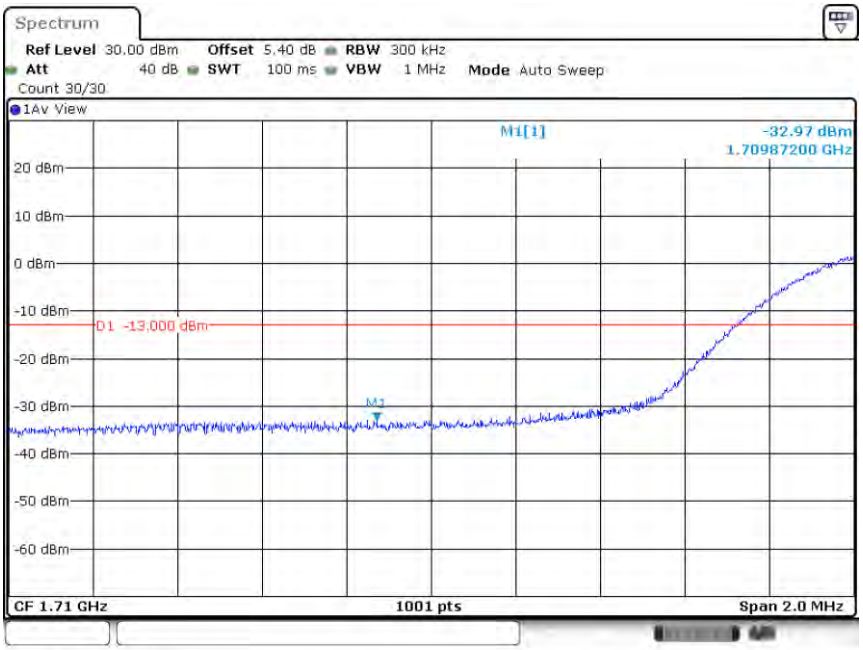
Band66-20MHz-16QAM-132072-100RB#0



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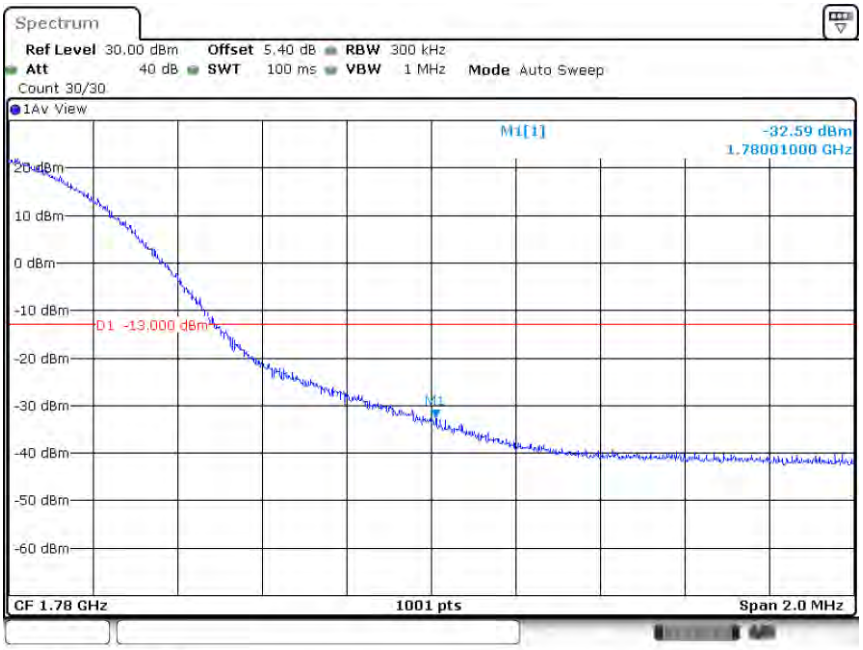
Band66-20MHz-16QAM-132572-1RB#99



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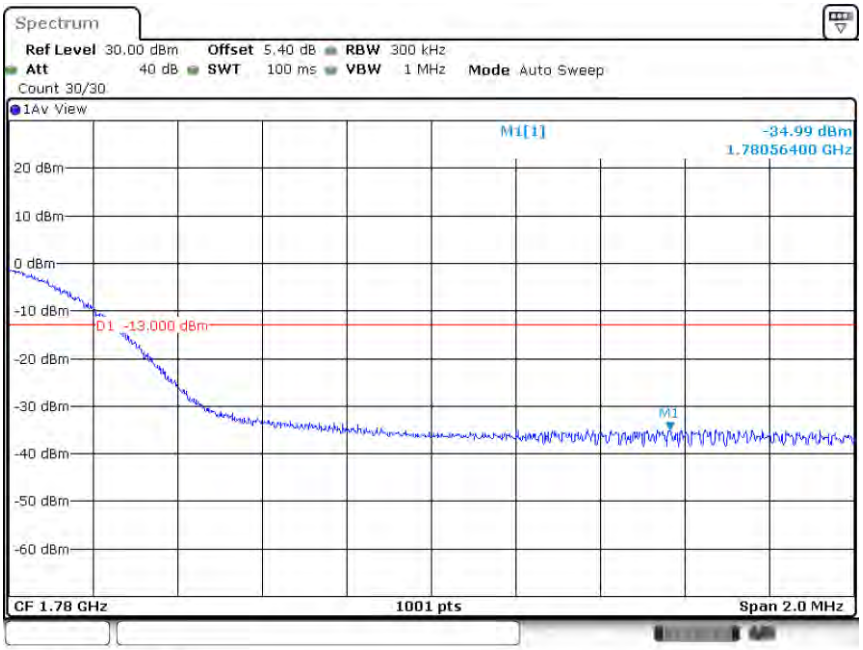
Band66-20MHz-16QAM-132572-100RB#0



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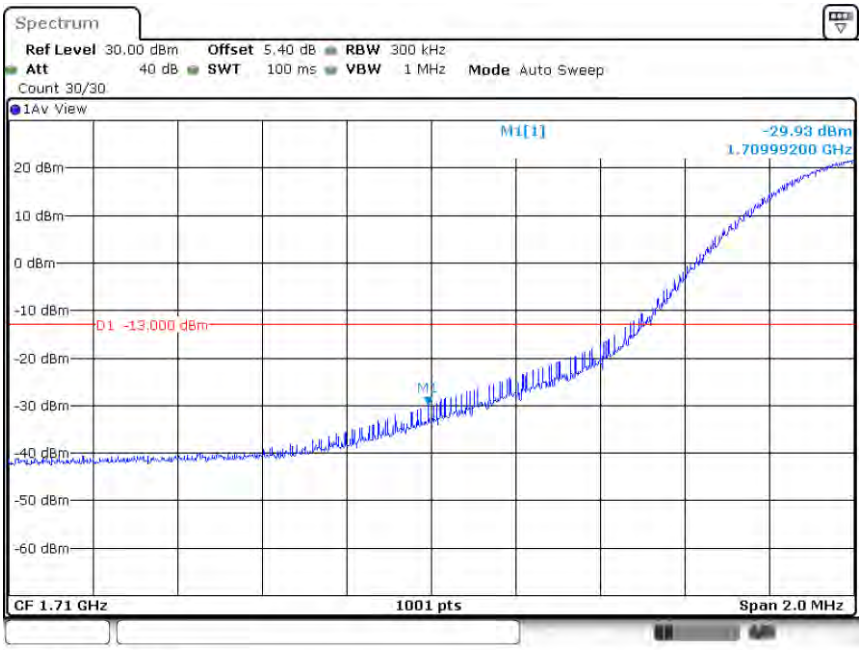
Band66-20MHz-64QAM-132072-1RB#0



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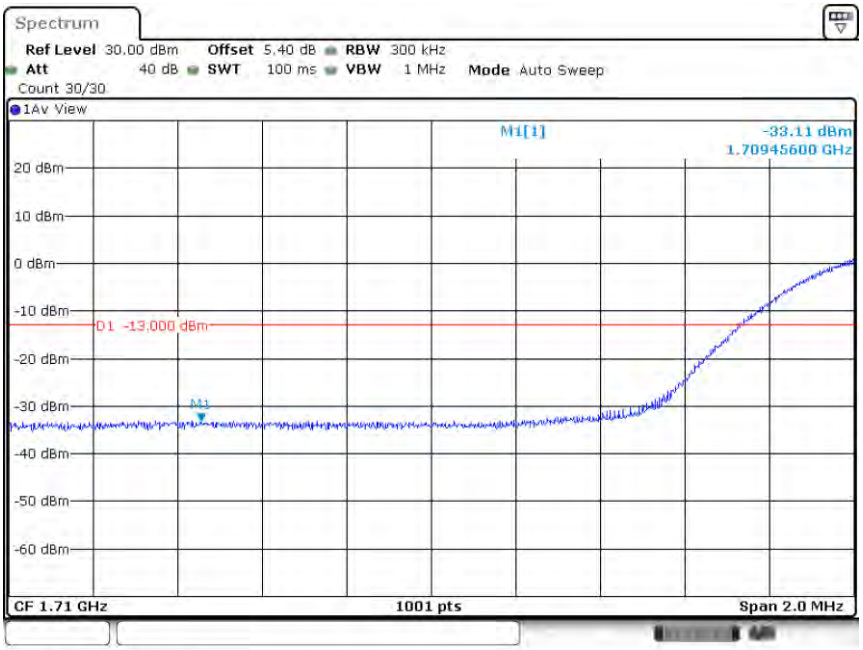

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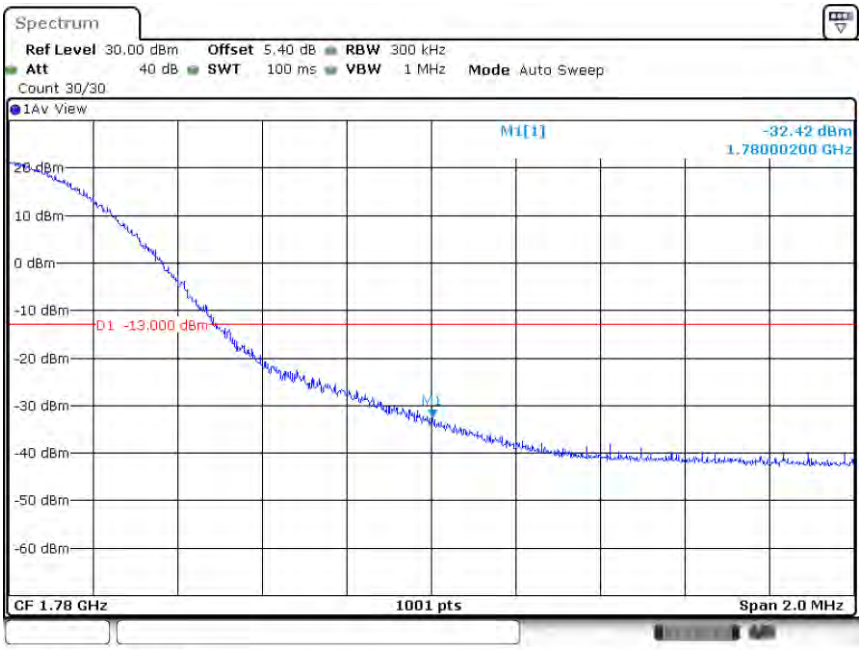

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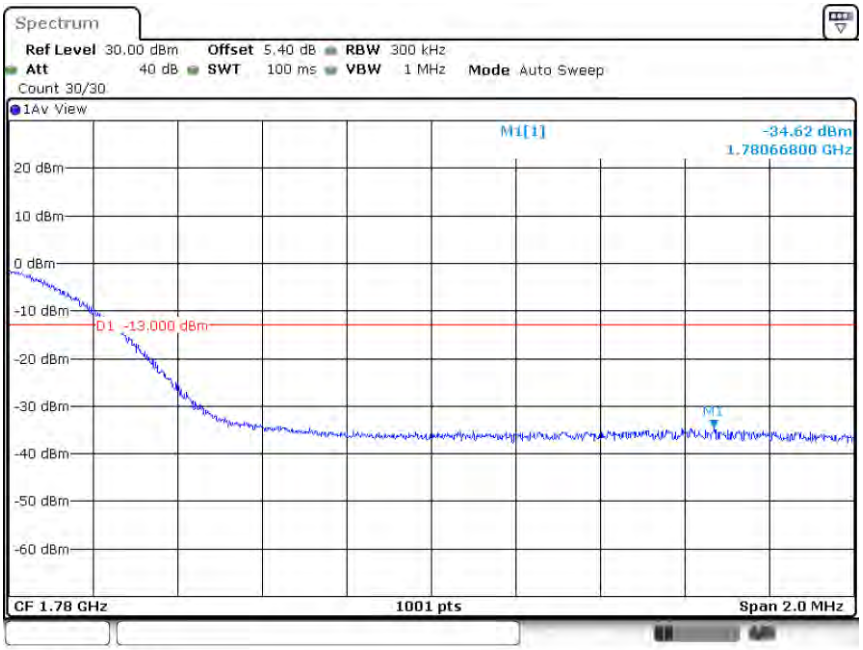
Band66-20MHz-64QAM-132572-100RB#0



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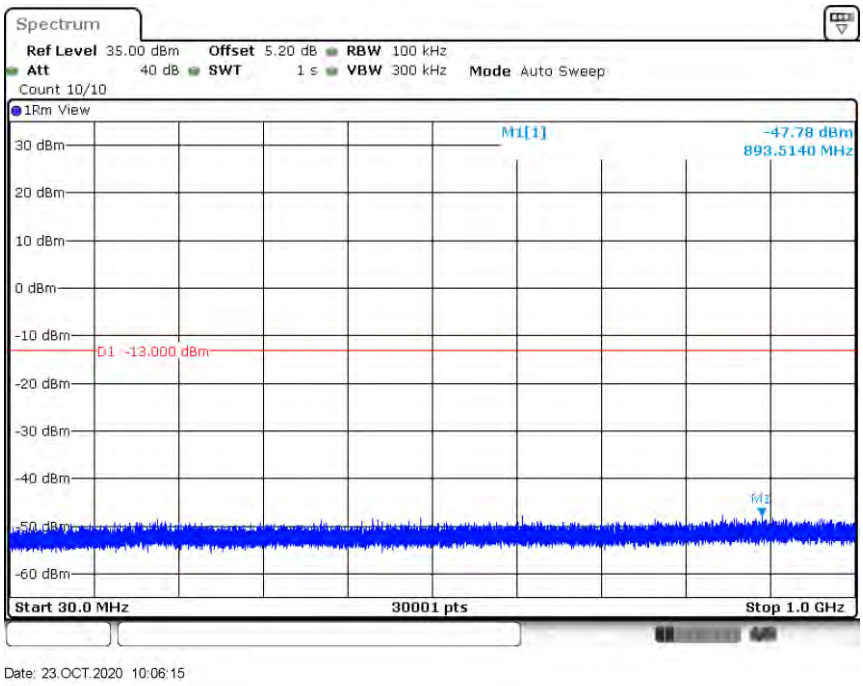
6 Spurious Emission at Antenna Terminal

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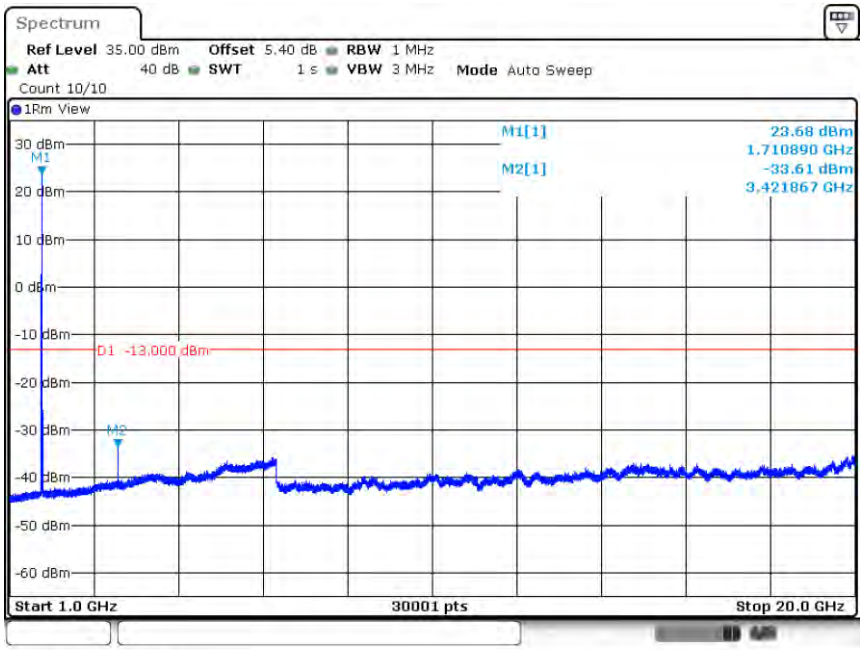
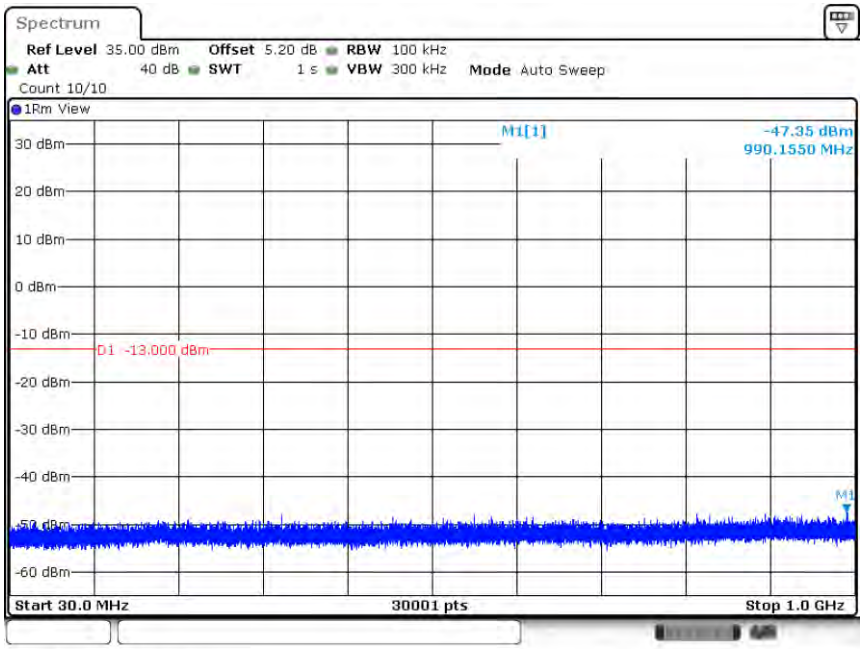
Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~20000MHz



Date: 23.OCT.2020 10:06:32

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



Date: 23.OCT.2020 10:07:33

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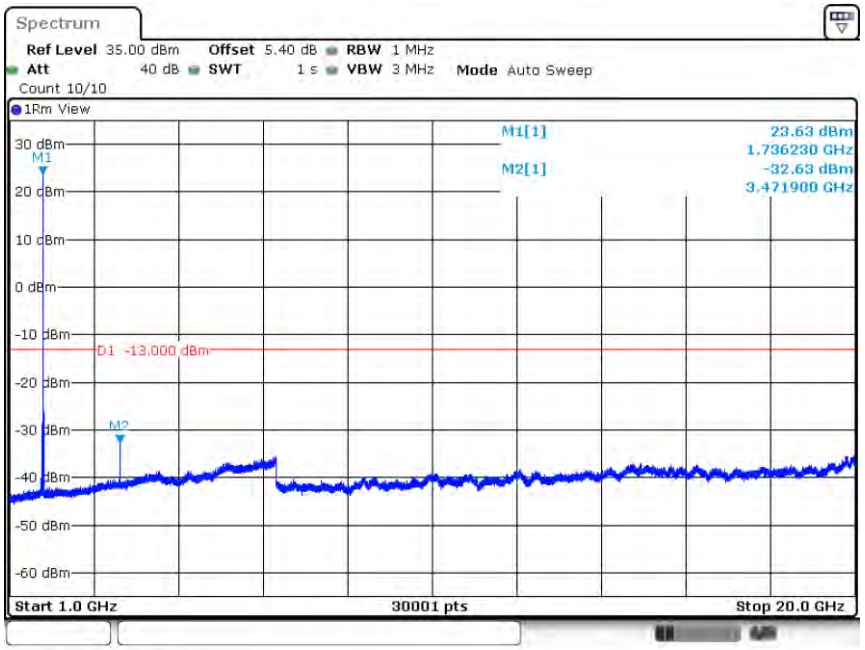
Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



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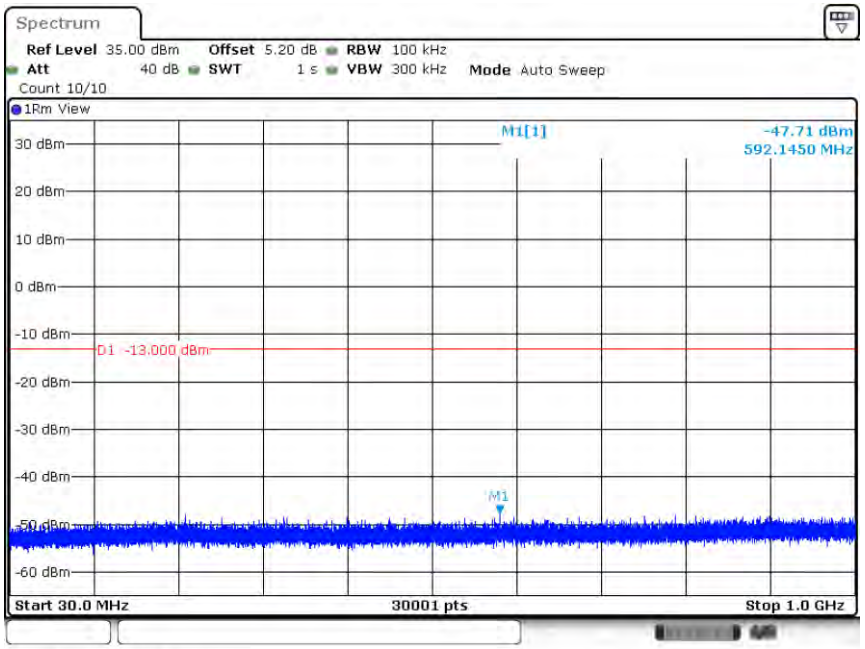
Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz



Date: 23.OCT.2020 10:08:51

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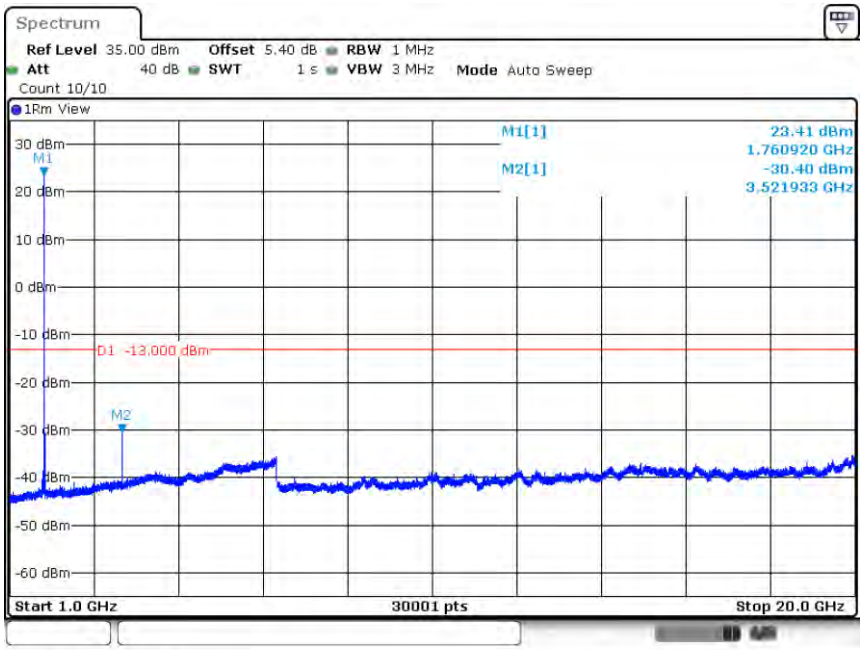
Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~20000MHz



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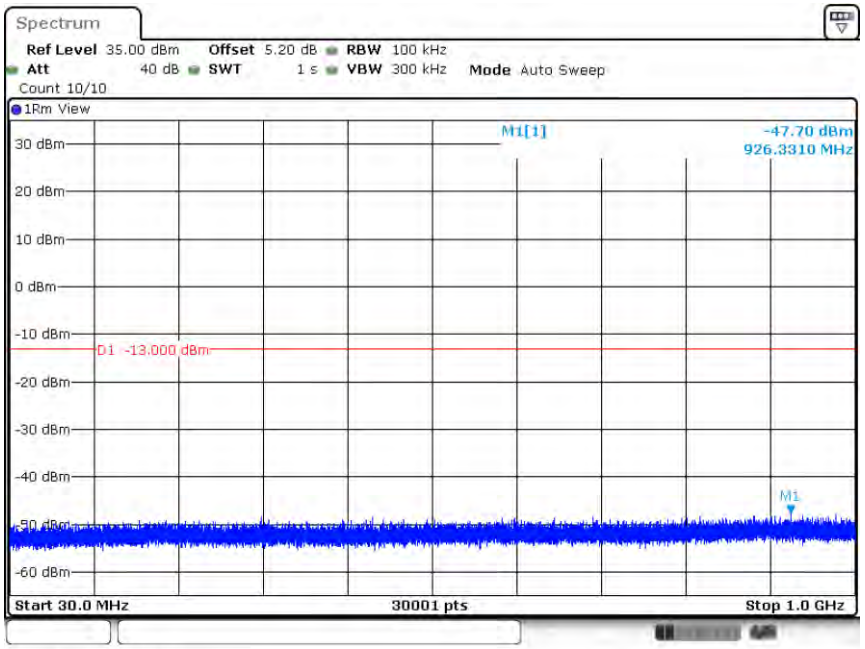
Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz



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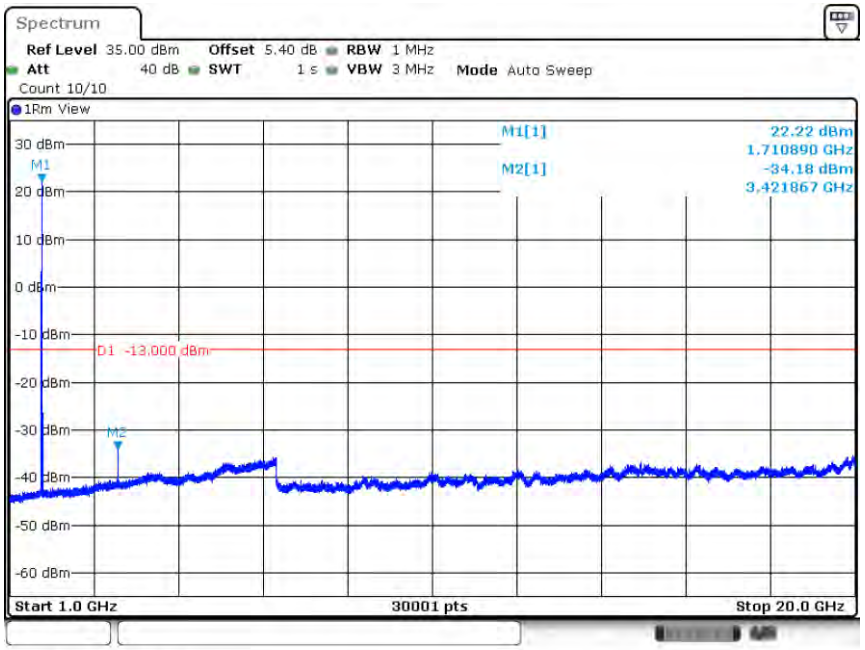
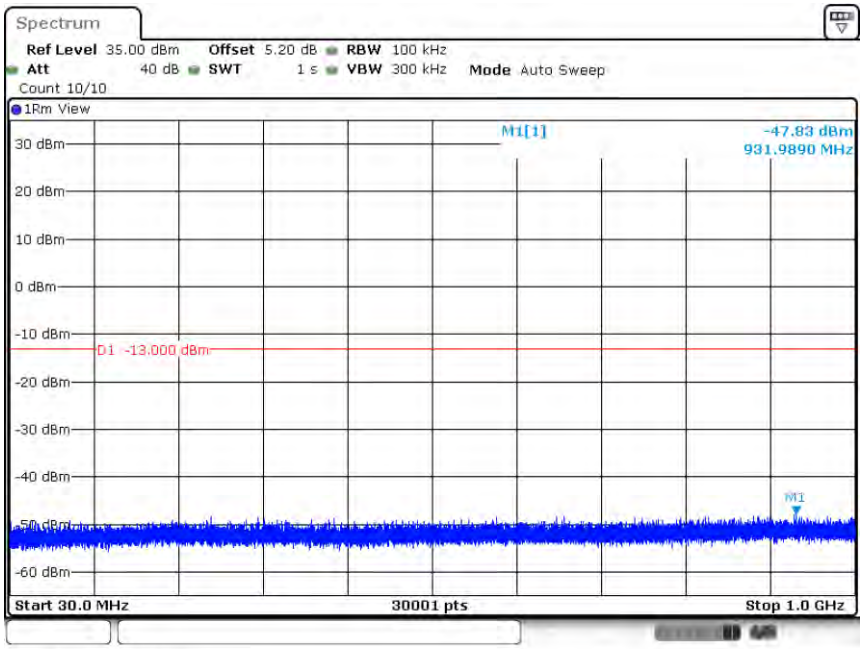
Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~20000MHz



Date: 23.OCT.2020 10:07:11

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



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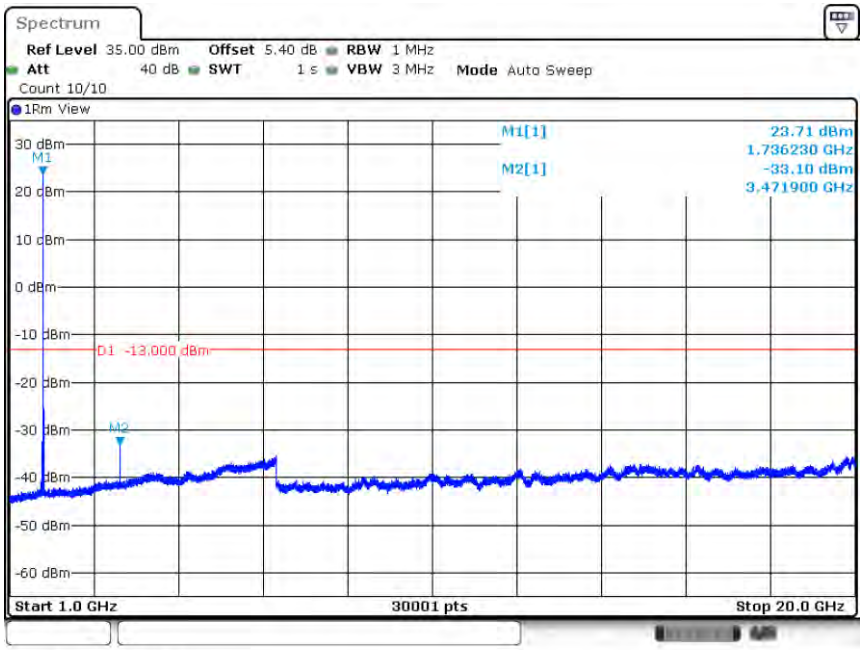
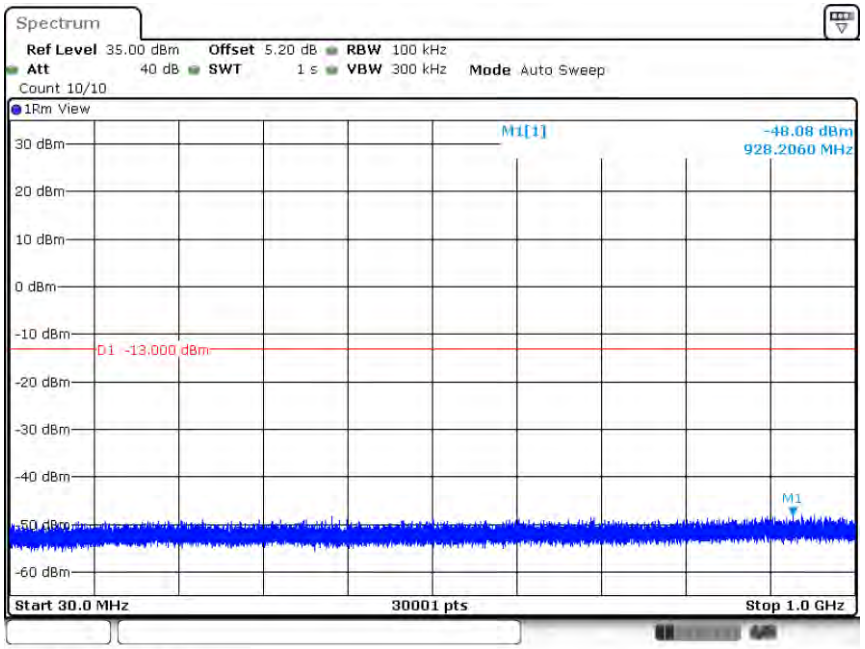
Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



Date: 23.OCT.2020 10:08:29

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



Date: 23.OCT.2020 10:09:30

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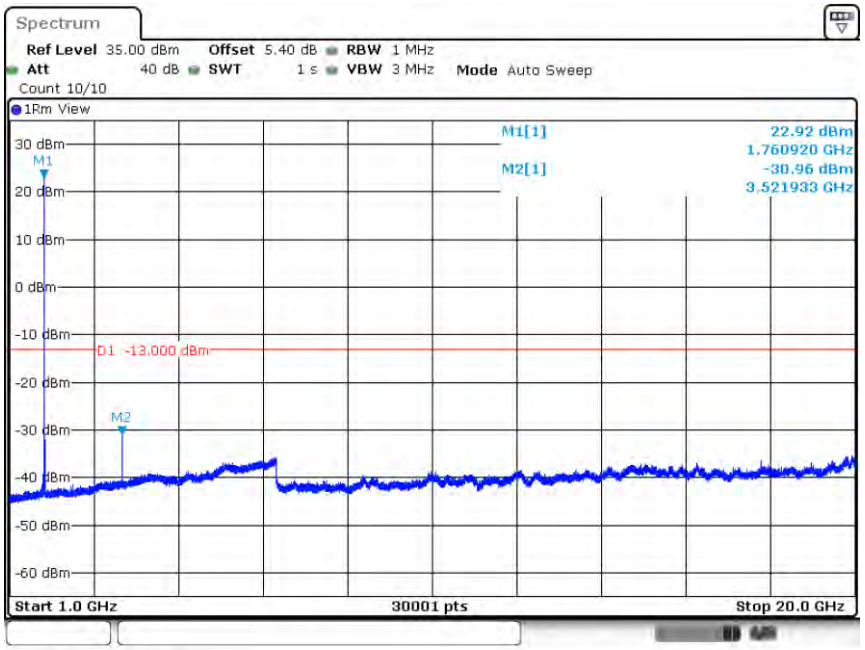
Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~20000MHz



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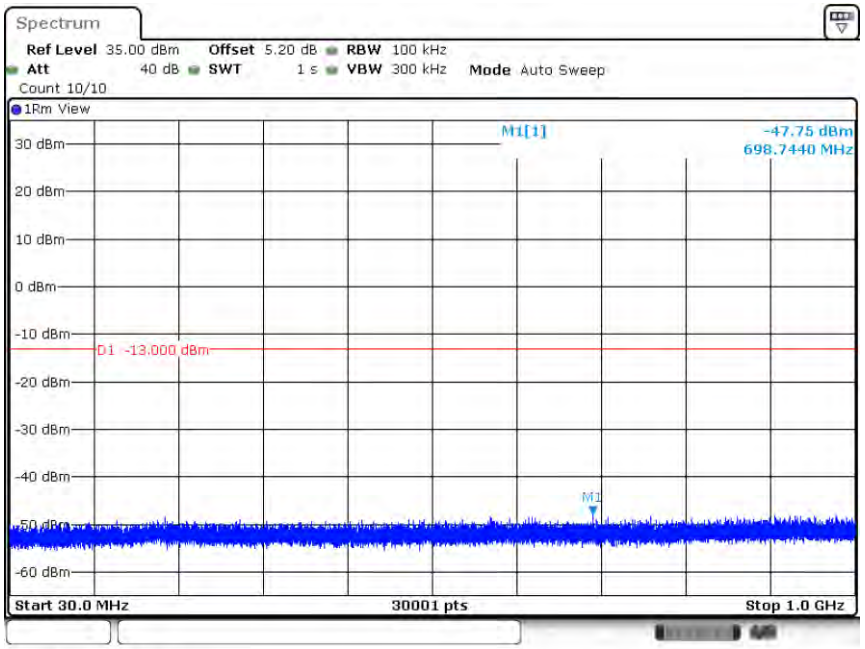
Band66-20MHz-64QAM-132072-1RB#0-Range1:30~1000MHz



Date: 23.OCT.2020 09:33:31

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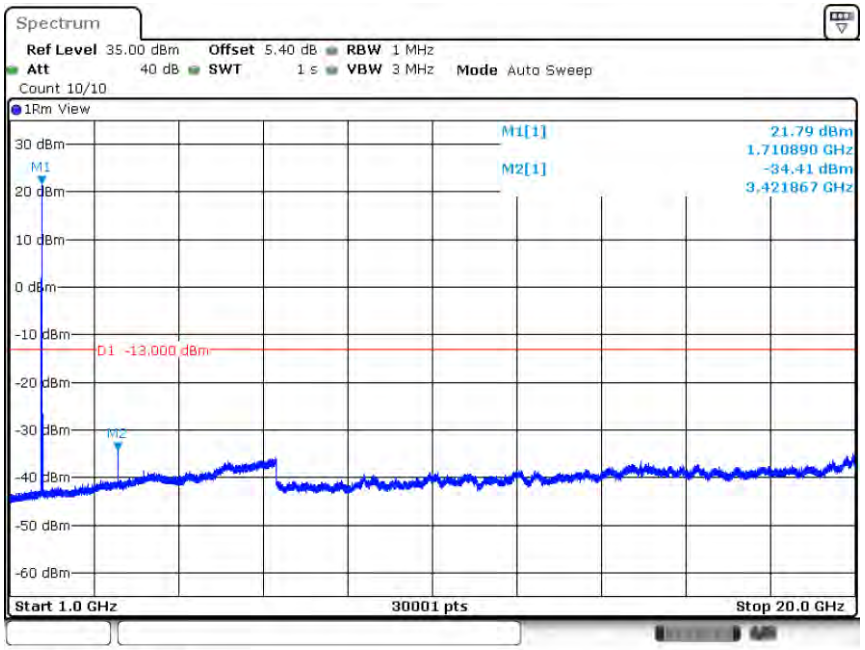
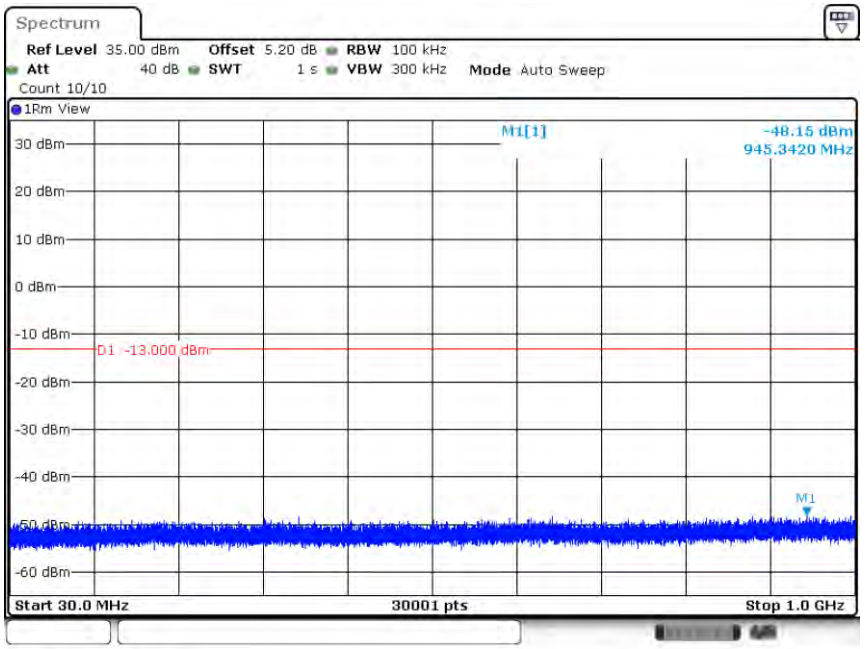
Band66-20MHz-64QAM-132072-1RB#0-Range2:1000~20000MHz



Date: 23.OCT.2020 09:33:48

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



Date: 23.OCT.2020 09:34:10

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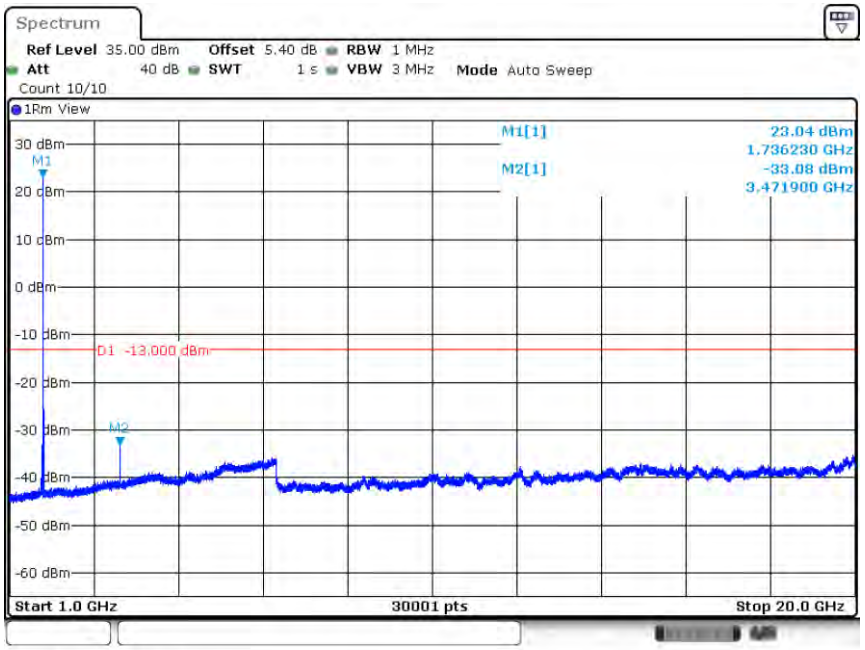
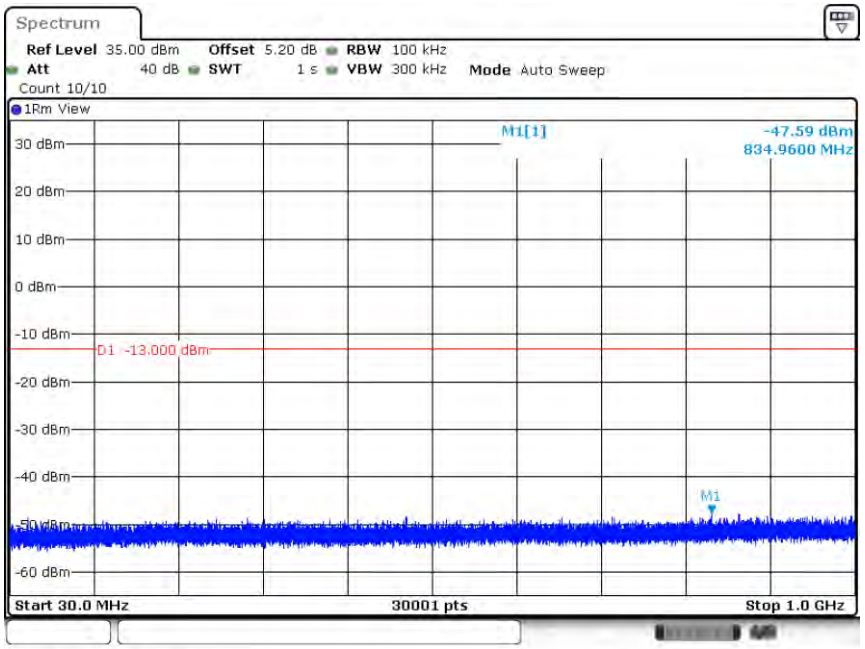
Band66-20MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz



Date: 23.OCT.2020 09:34:28

Band66-20MHz-64QAM-132572-1RB#0-Range1:30~1000MHz



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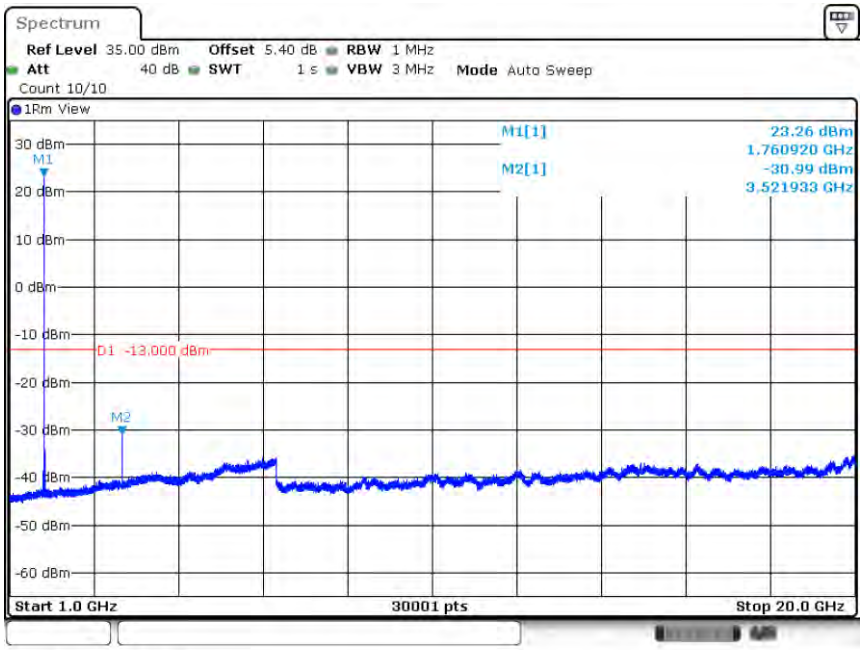
Band66-20MHz-64QAM-132572-1RB#0-Range2:1000~20000MHz



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7 Field Strength of Spurious Radiation

7.1 Test Band = LTE_66 _TM1

7.1.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.5208	-62.99	-13.00	49.99	Horizontal
2	2700.3401	-35.64	-13.00	22.64	Horizontal
3	3422.0141	-53.34	-13.00	40.34	Horizontal
4	5133.0711	-56.03	-13.00	43.03	Horizontal
5	6844.1281	-53.34	-13.00	40.34	Horizontal
6	8555.6852	-51.27	-13.00	38.27	Horizontal

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7.2 Test Band = LTE_66 _TM1

7.2.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	54.3482	-63.57	-13.00	50.57	Vertical
2	119.8265	-64.11	-13.00	51.11	Vertical
3	3422.0141	-52.72	-13.00	39.72	Vertical
4	5133.0711	-57.86	-13.00	44.86	Vertical
5	6844.6282	-51.91	-13.00	38.91	Vertical
6	17996.499	-40.80	-13.00	27.80	Vertical

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7.3 Test Band = LTE_66 _TM1

7.3.1 Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.5621	-63.31	-13.00	50.31	Horizontal
2	617.8009	-63.61	-13.00	50.61	Horizontal
3	3472.0157	-47.54	-13.00	34.54	Horizontal
4	5208.5736	-60.68	-13.00	47.68	Horizontal
5	12152.305	-48.40	-13.00	35.40	Horizontal
6	16399.446	-44.91	-13.00	31.91	Horizontal

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7.4 Test Band = LTE_66 _TM1

7.4.1 Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	54.8332	-64.81	-13.00	51.81	Vertical
2	110.8050	-64.35	-13.00	51.35	Vertical
3	3472.0157	-48.64	-13.00	35.64	Vertical
4	6944.6315	-56.63	-13.00	43.63	Vertical
5	14477.882	-48.39	-13.00	35.39	Vertical
6	17997.499	-41.64	-13.00	28.64	Vertical

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7.5 Test Band = LTE_66 _TM1

7.5.1 Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.5992	-63.88	-13.00	50.88	Horizontal
2	3522.0174	-42.56	-13.00	29.56	Horizontal
3	7044.6348	-56.28	-13.00	43.28	Horizontal
4	8805.6935	-53.04	-13.00	40.04	Horizontal
5	12327.810	-45.61	-13.00	32.61	Horizontal
6	16372.445	-45.27	-13.00	32.27	Horizontal

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7.6 Test Band = LTE_66 _TM1

7.6.1 Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	54.4452	-63.71	-13.00	50.71	Vertical
2	113.1817	-63.69	-13.00	50.69	Vertical
3	3522.0174	-44.64	-13.00	31.64	Vertical
4	9310.7104	-52.39	-13.00	39.39	Vertical
5	14482.882	-48.55	-13.00	35.55	Vertical
6	17995.999	-41.33	-13.00	28.33	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 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

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	3.00	0.001744	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	2.70	0.001570	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	1.10	0.000640	±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	-2.10	-0.001203	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-2.40	-0.001375	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	-1.50	-0.000847	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	1.50	0.000847	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-0.30	-0.000169	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	2.20	0.001279	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	1.00	0.000581	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	0.10	0.000058	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-4.60	-0.002636	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-2.80	-0.001605	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-1.80	-0.001032	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	-0.90	-0.000508	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	-0.30	-0.000169	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VL	NT	2.50	0.001453	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VN	NT	1.30	0.000756	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VH	NT	2.30	0.001337	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VL	NT	-2.30	-0.001318	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VN	NT	-4.10	-0.002350	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VH	NT	-1.90	-0.001089	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VL	NT	0.60	0.000339	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VN	NT	1.40	0.000791	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VH	NT	-0.50	-0.000282	±2.5	PASS

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8.2 Frequency Vs Temperature

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	0.90	0.000523	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	2.80	0.001628	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	1.30	0.000756	±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	2.20	0.001279	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	1.90	0.001105	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	2.40	0.001395	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	-0.20	-0.000116	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	1.80	0.001047	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-2.30	-0.001318	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-3.50	-0.002006	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-3.70	-0.002120	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-2.50	-0.001433	±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	20	-2.10	-0.001203	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-3.60	-0.002063	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-3.30	-0.001891	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-3.10	-0.001777	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	0.90	0.000508	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-1.40	-0.000791	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	-1.20	-0.000678	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-0.90	-0.000508	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	1.20	0.000678	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	1.00	0.000565	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	-0.30	-0.000169	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	-0.10	-0.000056	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	-0.10	-0.000056	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	-0.20	-0.000116	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	2.60	0.001512	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-10	1.80	0.001047	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	3.10	0.001802	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	2.10	0.001221	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	2.40	0.001395	±2.5	PASS

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Band66	20MHz	16QAM	132072	100RB#0	NV	30	0.70	0.000407	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	40	0.60	0.000349	±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	-3.90	-0.002235	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	-2.90	-0.001662	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-2.90	-0.001662	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-3.00	-0.001719	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-3.90	-0.002235	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	-4.20	-0.002407	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	-3.20	-0.001834	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	-3.90	-0.002235	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-30	0.70	0.000395	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	-0.60	-0.000339	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-10	0.20	0.000113	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	1.10	0.000621	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	-0.60	-0.000339	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	30	-0.90	-0.000508	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	40	0.40	0.000226	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	50	1.00	0.000565	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-30	0.80	0.000465	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-20	0.20	0.000116	±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	0	2.50	0.001453	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	10	-0.10	-0.000058	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	20	1.70	0.000988	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	30	0.80	0.000465	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	40	2.00	0.001163	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	50	1.80	0.001047	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-30	-1.70	-0.000974	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-20	-4.00	-0.002292	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-10	-1.50	-0.000860	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	0	-3.10	-0.001777	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	10	-3.40	-0.001948	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	20	-2.80	-0.001605	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	30	-2.40	-0.001375	±2.5	PASS

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Band66	20MHz	64QAM	132322	100RB#0	NV	40	-3.10	-0.001777	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	50	-2.90	-0.001662	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-30	-1.20	-0.000678	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-20	0.50	0.000282	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-10	-0.60	-0.000339	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	0	0.80	0.000452	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	10	-0.10	-0.000056	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	20	2.40	0.001356	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	40	0.10	0.000056	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	50	0.80	0.000452	±2.5	PASS

The End

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