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#2	23.5	18.07	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.76	18.33	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	23.43	18	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.53	18.1	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.73	18.3	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.57	18.14	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.75	17.32	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.32	17.89	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.42	17.99	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.08	17.65	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.47	18.04	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.43	18	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.12	17.69	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.53	17.1	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.28	17.85	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.26	17.83	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.2	17.77	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.41	17.98	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.32	17.89	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.3	17.87	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.21	16.78	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.43	16	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.43	16	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.38	15.95	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#0	21.48	16.05	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#1	21.31	15.88	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#3	21.31	15.88	30	PASS

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Band66	1.4MHz	64QAM	131979	6RB#0	20.66	15.23	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.35	15.92	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.12	15.69	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.23	15.8	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#1	21.42	15.99	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#3	21.25	15.82	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#0	20.98	15.55	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.5	15.07	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.27	15.84	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.13	15.7	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.18	15.75	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#0	21.43	16	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#1	21.15	15.72	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#3	20.99	15.56	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.51	15.08	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.83	17.4	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.15	17.72	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.65	17.22	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.82	17.39	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	23.11	17.68	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.63	17.2	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.68	16.25	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.5	17.07	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.59	17.16	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.58	17.15	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.42	16.99	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.54	17.11	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.43	17	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.52	16.09	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.39	16.96	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.85	17.42	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.91	17.48	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.4	16.97	30	PASS

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Band66	1.4MHz	16QAM	132665	3RB#1	22.89	17.46	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.76	17.33	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.53	16.1	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.47	18.04	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.74	18.31	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.55	18.12	30	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.82	17.39	30	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.65	17.22	30	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.69	17.26	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.69	17.26	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.46	18.03	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.55	18.12	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.13	17.7	30	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.44	17.01	30	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.48	17.05	30	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.34	16.91	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.29	16.86	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.4	17.97	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.28	17.85	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.2	17.77	30	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.32	16.89	30	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.28	16.85	30	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.36	16.93	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.45	17.02	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.45	16.02	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.42	15.99	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.39	15.96	30	PASS
Band66	3MHz	64QAM	131987	8RB#0	20.61	15.18	30	PASS
Band66	3MHz	64QAM	131987	8RB#4	20.49	15.06	30	PASS
Band66	3MHz	64QAM	131987	8RB#7	20.47	15.04	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.45	15.02	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.34	15.91	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.11	15.68	30	PASS

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Band66	3MHz	64QAM	132322	1RB#8	21.21	15.78	30	PASS
Band66	3MHz	64QAM	132322	8RB#0	20.35	14.92	30	PASS
Band66	3MHz	64QAM	132322	8RB#7	20.47	15.04	30	PASS
Band66	3MHz	64QAM	132322	8RB#4	20.14	14.71	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.29	14.86	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.24	15.81	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.11	15.68	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.22	15.79	30	PASS
Band66	3MHz	64QAM	132657	8RB#7	20.38	14.95	30	PASS
Band66	3MHz	64QAM	132657	8RB#0	20.34	14.91	30	PASS
Band66	3MHz	64QAM	132657	8RB#4	20.12	14.69	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.28	14.85	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.83	17.4	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	23.07	17.64	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.71	17.28	30	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.76	16.33	30	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.74	16.31	30	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.71	16.28	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.59	16.16	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.41	16.98	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.51	17.08	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.48	17.05	30	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.58	16.15	30	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.52	16.09	30	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.52	16.09	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.48	16.05	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.47	17.04	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.93	17.5	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.84	17.41	30	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.39	15.96	30	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.55	16.12	30	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.42	15.99	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.5	16.07	30	PASS

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Band66	5MHz	QPSK	131997	1RB#12	23.47	18.04	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.7	18.27	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.49	18.06	30	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.72	17.29	30	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.63	17.2	30	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.74	17.31	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.73	17.3	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.39	17.96	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.46	18.03	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.14	17.71	30	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.44	17.01	30	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.53	17.1	30	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.39	16.96	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.39	16.96	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.32	17.89	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.27	17.84	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.24	17.81	30	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.3	16.87	30	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.37	16.94	30	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.34	16.91	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.36	16.93	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.44	16.01	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.42	15.99	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.34	15.91	30	PASS
Band66	5MHz	64QAM	131997	12RB#0	20.62	15.19	30	PASS
Band66	5MHz	64QAM	131997	12RB#13	20.48	15.05	30	PASS
Band66	5MHz	64QAM	131997	12RB#6	20.47	15.04	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.45	15.02	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.34	15.91	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.08	15.65	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.22	15.79	30	PASS
Band66	5MHz	64QAM	132322	12RB#0	20.38	14.95	30	PASS
Band66	5MHz	64QAM	132322	12RB#6	20.43	15	30	PASS

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Band66	5MHz	64QAM	132322	12RB#13	20.17	14.74	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.24	14.81	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.27	15.84	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.09	15.66	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	21.17	15.74	30	PASS
Band66	5MHz	64QAM	132647	12RB#13	20.41	14.98	30	PASS
Band66	5MHz	64QAM	132647	12RB#6	20.32	14.89	30	PASS
Band66	5MHz	64QAM	132647	12RB#0	20.12	14.69	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.29	14.86	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.89	17.46	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.09	17.66	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.73	17.3	30	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.66	16.23	30	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.79	16.36	30	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.73	16.3	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.65	16.22	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.5	17.07	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.59	17.16	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.48	17.05	30	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.5	16.07	30	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.45	16.02	30	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.47	16.04	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.49	16.06	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.38	16.95	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.89	17.46	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.85	17.42	30	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.46	16.03	30	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.51	16.08	30	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.42	15.99	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.45	16.02	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.63	18.2	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.75	18.32	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.79	18.36	30	PASS

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Band66	10MHz	QPSK	132022	25RB#0	22.65	17.22	30	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.62	17.19	30	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.77	17.34	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.79	17.36	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.51	18.08	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.58	18.15	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.44	18.01	30	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.53	17.1	30	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.45	17.02	30	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.49	17.06	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.5	17.07	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.35	17.92	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.54	18.11	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.31	17.88	30	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.44	17.01	30	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.36	16.93	30	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.41	16.98	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.48	17.05	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.45	16.02	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.41	15.98	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.39	15.96	30	PASS
Band66	10MHz	64QAM	132022	25RB#12	20.62	15.19	30	PASS
Band66	10MHz	64QAM	132022	25RB#0	20.49	15.06	30	PASS
Band66	10MHz	64QAM	132022	25RB#25	20.47	15.04	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.43	15	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.38	15.95	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.1	15.67	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.21	15.78	30	PASS
Band66	10MHz	64QAM	132322	25RB#0	20.37	14.94	30	PASS
Band66	10MHz	64QAM	132322	25RB#12	20.48	15.05	30	PASS
Band66	10MHz	64QAM	132322	25RB#25	20.13	14.7	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.27	14.84	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.24	15.81	30	PASS

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Band66	10MHz	64QAM	132622	1RB#24	21.09	15.66	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.18	15.75	30	PASS
Band66	10MHz	64QAM	132622	25RB#25	20.39	14.96	30	PASS
Band66	10MHz	64QAM	132622	25RB#0	20.36	14.93	30	PASS
Band66	10MHz	64QAM	132622	25RB#12	20.13	14.7	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.31	14.88	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.16	17.73	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.97	17.54	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.78	17.35	30	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.74	16.31	30	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.66	16.23	30	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.73	16.3	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.74	16.31	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	23.12	17.69	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.55	17.12	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.54	17.11	30	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.54	16.11	30	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.42	15.99	30	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.56	16.13	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.55	16.12	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.41	16.98	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.68	17.25	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.7	17.27	30	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.47	16.04	30	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.38	15.95	30	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.34	15.91	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.45	16.02	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.72	18.29	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.65	18.22	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.52	18.09	30	PASS
Band66	15MHz	QPSK	132047	36RB#39	22.71	17.28	30	PASS
Band66	15MHz	QPSK	132047	36RB#18	22.74	17.31	30	PASS
Band66	15MHz	QPSK	132047	36RB#0	22.72	17.29	30	PASS

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Band66	15MHz	QPSK	132047	75RB#0	22.67	17.24	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.33	17.9	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.37	17.94	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.38	17.95	30	PASS
Band66	15MHz	QPSK	132322	36RB#0	22.55	17.12	30	PASS
Band66	15MHz	QPSK	132322	36RB#39	22.48	17.05	30	PASS
Band66	15MHz	QPSK	132322	36RB#18	22.45	17.02	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.5	17.07	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.25	17.82	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.34	17.91	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.26	17.83	30	PASS
Band66	15MHz	QPSK	132597	36RB#39	22.49	17.06	30	PASS
Band66	15MHz	QPSK	132597	36RB#0	22.48	17.05	30	PASS
Band66	15MHz	QPSK	132597	36RB#18	22.39	16.96	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.4	16.97	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.44	16.01	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.39	15.96	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.34	15.91	30	PASS
Band66	15MHz	64QAM	132047	36RB#0	20.63	15.2	30	PASS
Band66	15MHz	64QAM	132047	36RB#18	20.47	15.04	30	PASS
Band66	15MHz	64QAM	132047	36RB#39	20.49	15.06	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.45	15.02	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.37	15.94	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.1	15.67	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.21	15.78	30	PASS
Band66	15MHz	64QAM	132322	36RB#0	20.35	14.92	30	PASS
Band66	15MHz	64QAM	132322	36RB#18	20.44	15.01	30	PASS
Band66	15MHz	64QAM	132322	36RB#39	20.14	14.71	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.27	14.84	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.27	15.84	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.06	15.63	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.21	15.78	30	PASS
Band66	15MHz	64QAM	132597	36RB#0	20.42	14.99	30	PASS

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Band66	15MHz	64QAM	132597	36RB#18	20.36	14.93	30	PASS
Band66	15MHz	64QAM	132597	36RB#39	20.16	14.73	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.26	14.83	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.09	17.66	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.89	17.46	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.66	17.23	30	PASS
Band66	15MHz	16QAM	132047	36RB#0	21.7	16.27	30	PASS
Band66	15MHz	16QAM	132047	36RB#18	21.68	16.25	30	PASS
Band66	15MHz	16QAM	132047	36RB#39	21.73	16.3	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.8	16.37	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.45	17.02	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.73	17.3	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.69	17.26	30	PASS
Band66	15MHz	16QAM	132322	36RB#0	21.5	16.07	30	PASS
Band66	15MHz	16QAM	132322	36RB#18	21.5	16.07	30	PASS
Band66	15MHz	16QAM	132322	36RB#39	21.53	16.1	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.53	16.1	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.36	16.93	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.99	17.56	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.14	16.71	30	PASS
Band66	15MHz	16QAM	132597	36RB#39	21.49	16.06	30	PASS
Band66	15MHz	16QAM	132597	36RB#0	21.4	15.97	30	PASS
Band66	15MHz	16QAM	132597	36RB#18	21.5	16.07	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.46	16.03	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.48	18.05	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.62	18.19	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.39	17.96	30	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.56	17.13	30	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.72	17.29	30	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.73	17.3	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.67	17.24	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.27	17.84	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.53	18.1	30	PASS

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Band66	20MHz	QPSK	132322	1RB#0	23.24	17.81	30	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.58	17.15	30	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.53	17.1	30	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.46	17.03	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.41	16.98	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.3	17.87	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.47	18.04	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.11	17.68	30	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.48	17.05	30	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.44	17.01	30	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.31	16.88	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.37	16.94	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.56	16.13	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.53	16.1	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.49	16.06	30	PASS
Band66	20MHz	64QAM	132072	50RB#0	20.73	15.3	30	PASS
Band66	20MHz	64QAM	132072	50RB#25	20.61	15.18	30	PASS
Band66	20MHz	64QAM	132072	50RB#50	20.62	15.19	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.57	15.14	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.48	16.05	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.22	15.79	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.34	15.91	30	PASS
Band66	20MHz	64QAM	132322	50RB#25	20.5	15.07	30	PASS
Band66	20MHz	64QAM	132322	50RB#50	20.58	15.15	30	PASS
Band66	20MHz	64QAM	132322	50RB#0	20.27	14.84	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.39	14.96	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.39	15.96	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.21	15.78	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.32	15.89	30	PASS
Band66	20MHz	64QAM	132572	50RB#50	20.52	15.09	30	PASS
Band66	20MHz	64QAM	132572	50RB#0	20.47	15.04	30	PASS
Band66	20MHz	64QAM	132572	50RB#25	20.27	14.84	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.41	14.98	30	PASS

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Band66	20MHz	16QAM	132072	1RB#99	22.88	17.45	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.02	17.59	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.83	17.4	30	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.52	16.09	30	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.69	16.26	30	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.65	16.22	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.63	16.2	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.87	17.44	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.64	17.21	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.64	17.21	30	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.59	16.16	30	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.59	16.16	30	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.34	15.91	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.45	16.02	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.42	16.99	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.14	17.71	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.47	17.04	30	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.38	15.95	30	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.5	16.07	30	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.31	15.88	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.44	16.01	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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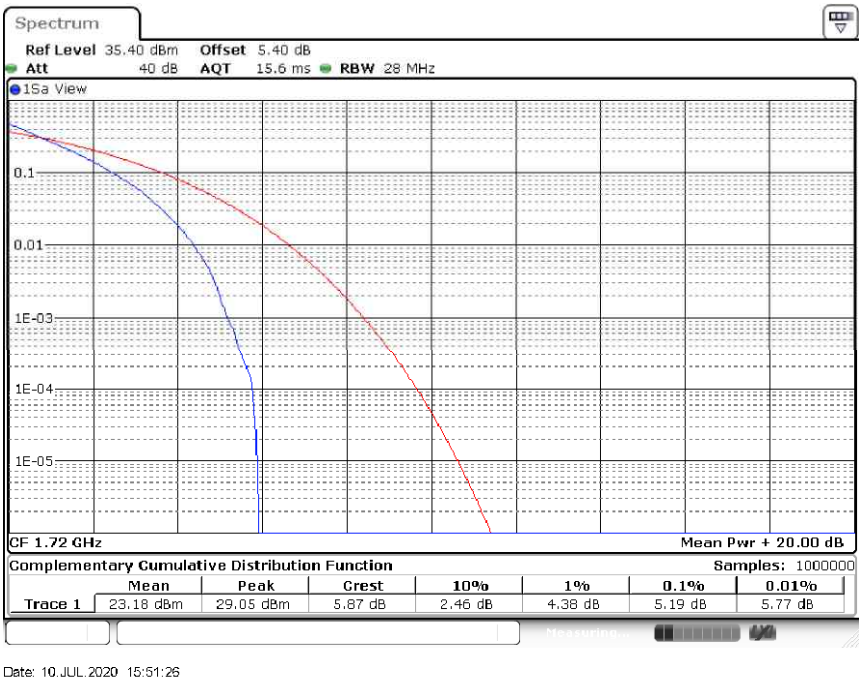
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.19	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.90	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.10	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.41	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.17	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.43	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.00	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.74	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.00	13	PASS

2.2. Test Plots

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



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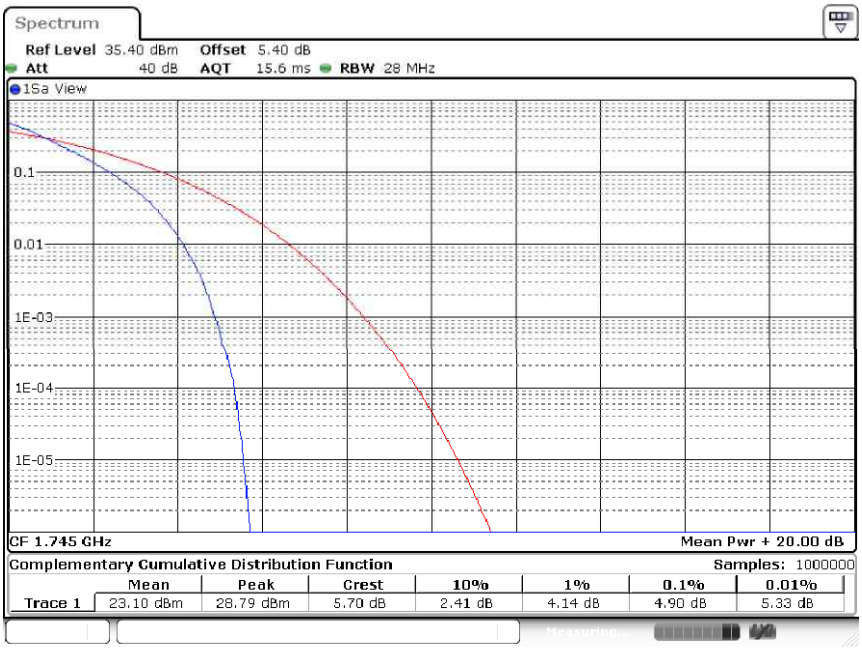
Band66-20MHz-QPSK-132322-100RB#0



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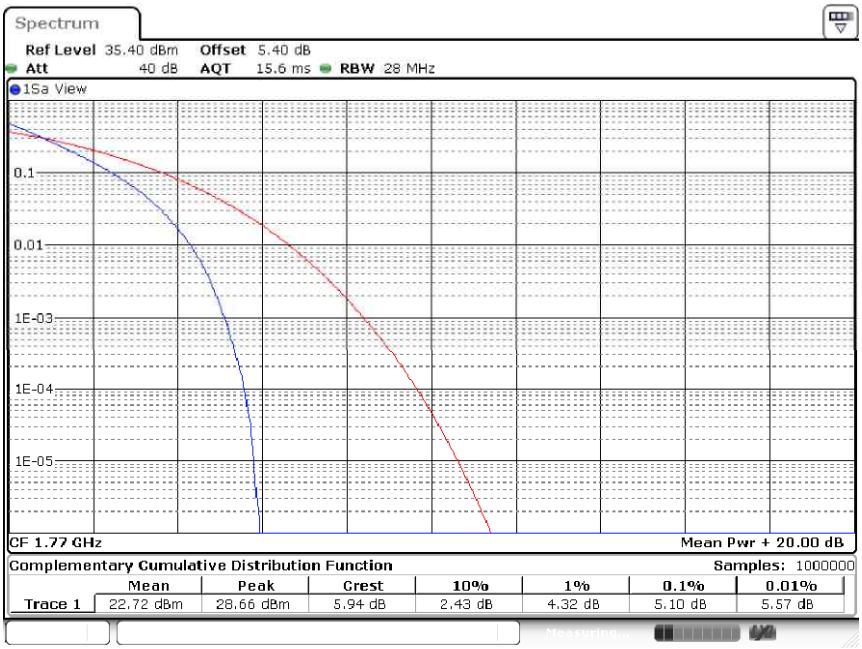
Band66-20MHz-QPSK-132572-100RB#0



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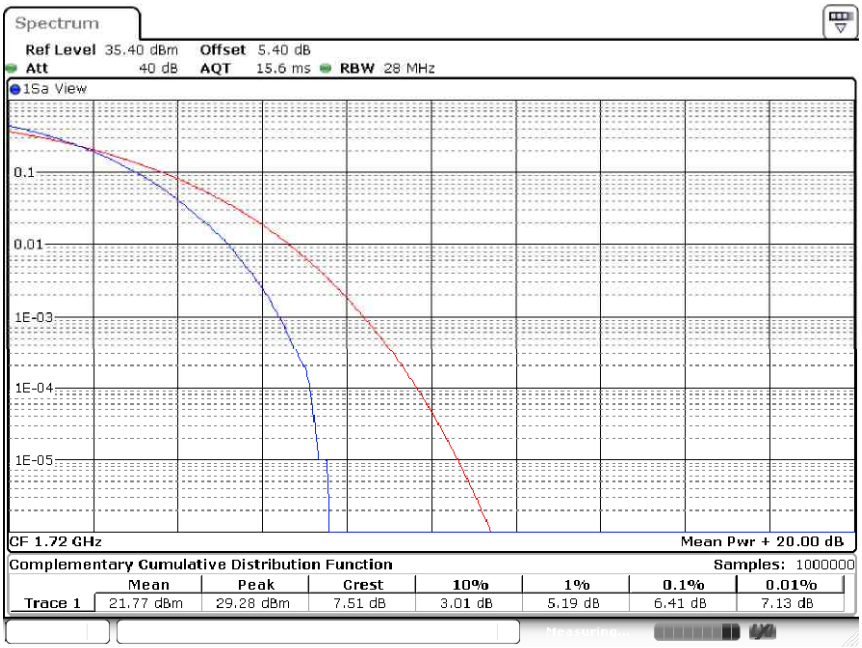
Band66-20MHz-64QAM-132072-100RB#0



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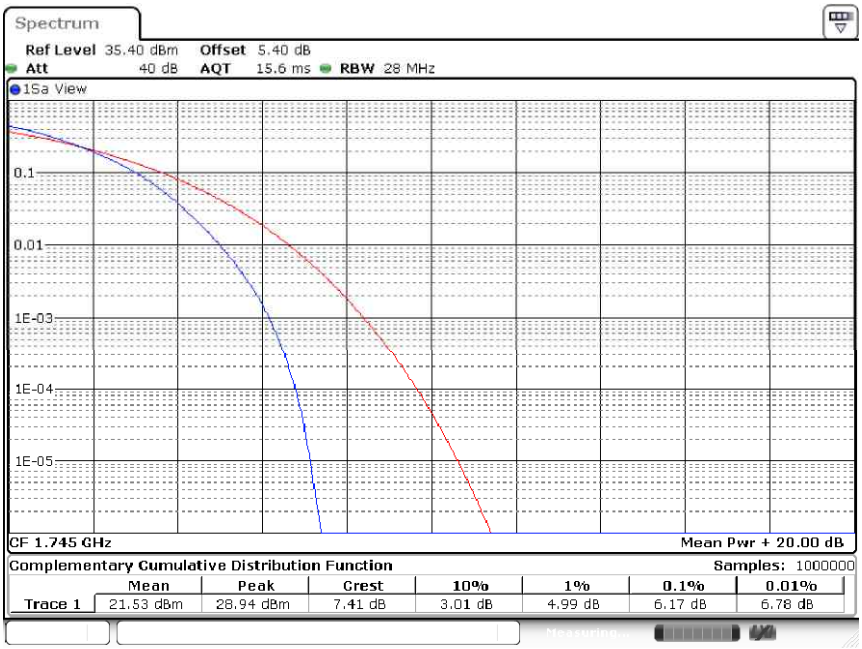
Band66-20MHz-64QAM-132322-100RB#0



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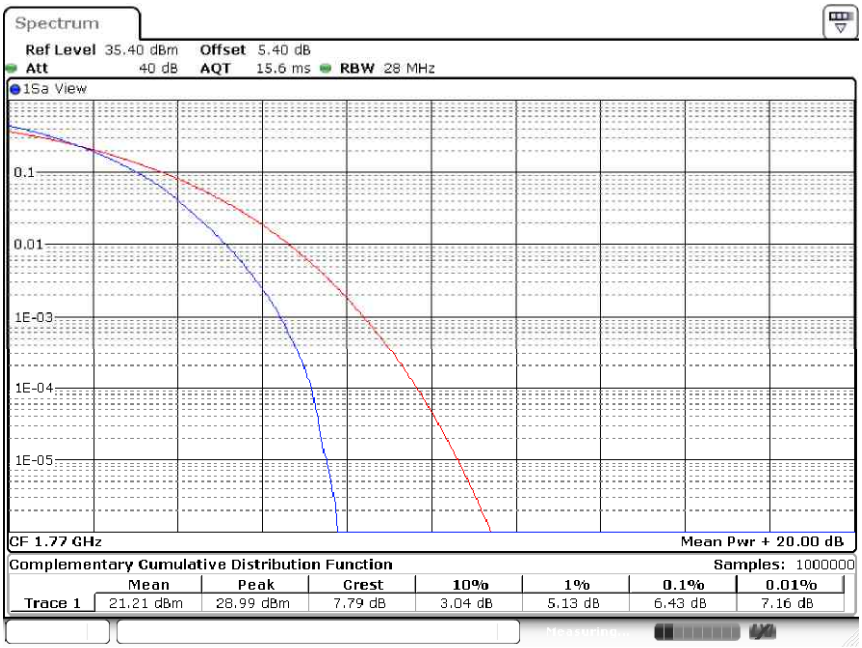
Band66-20MHz-64QAM-132572-100RB#0



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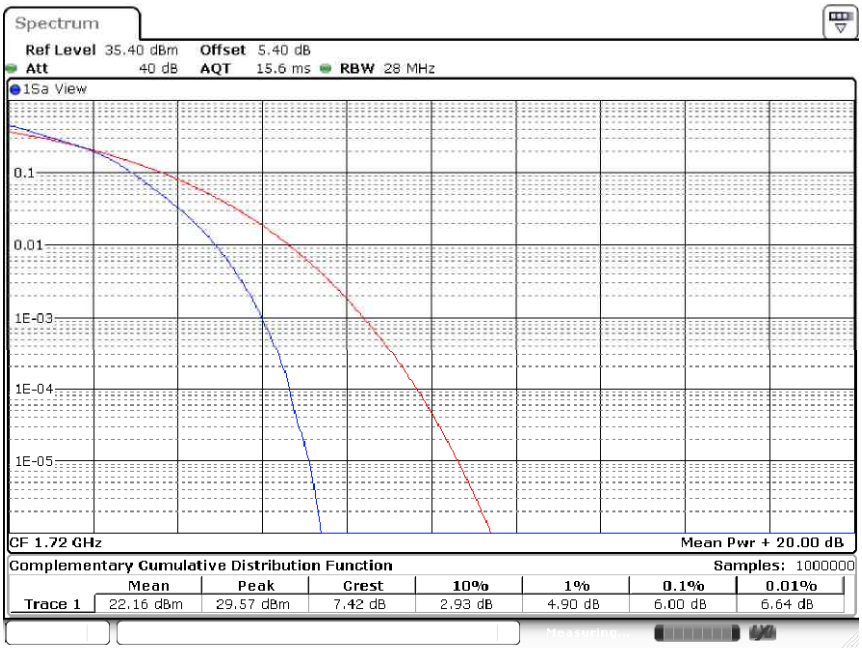

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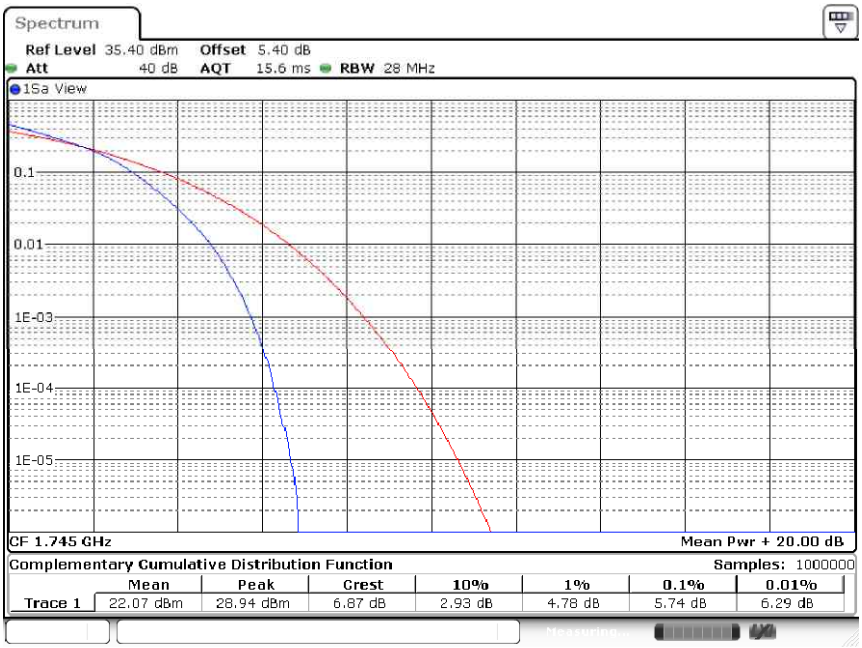

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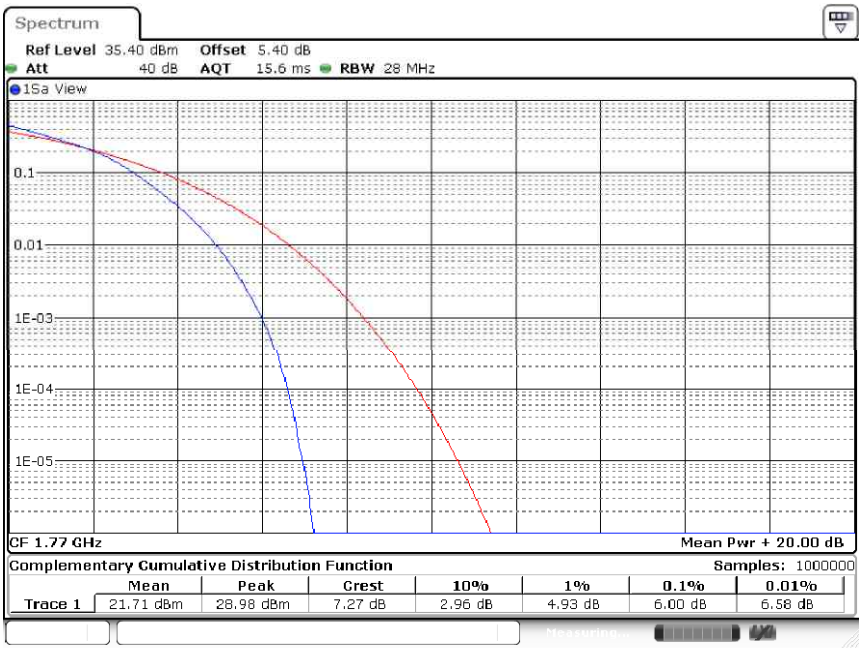
Band66-20MHz-16QAM-132572-100RB#0



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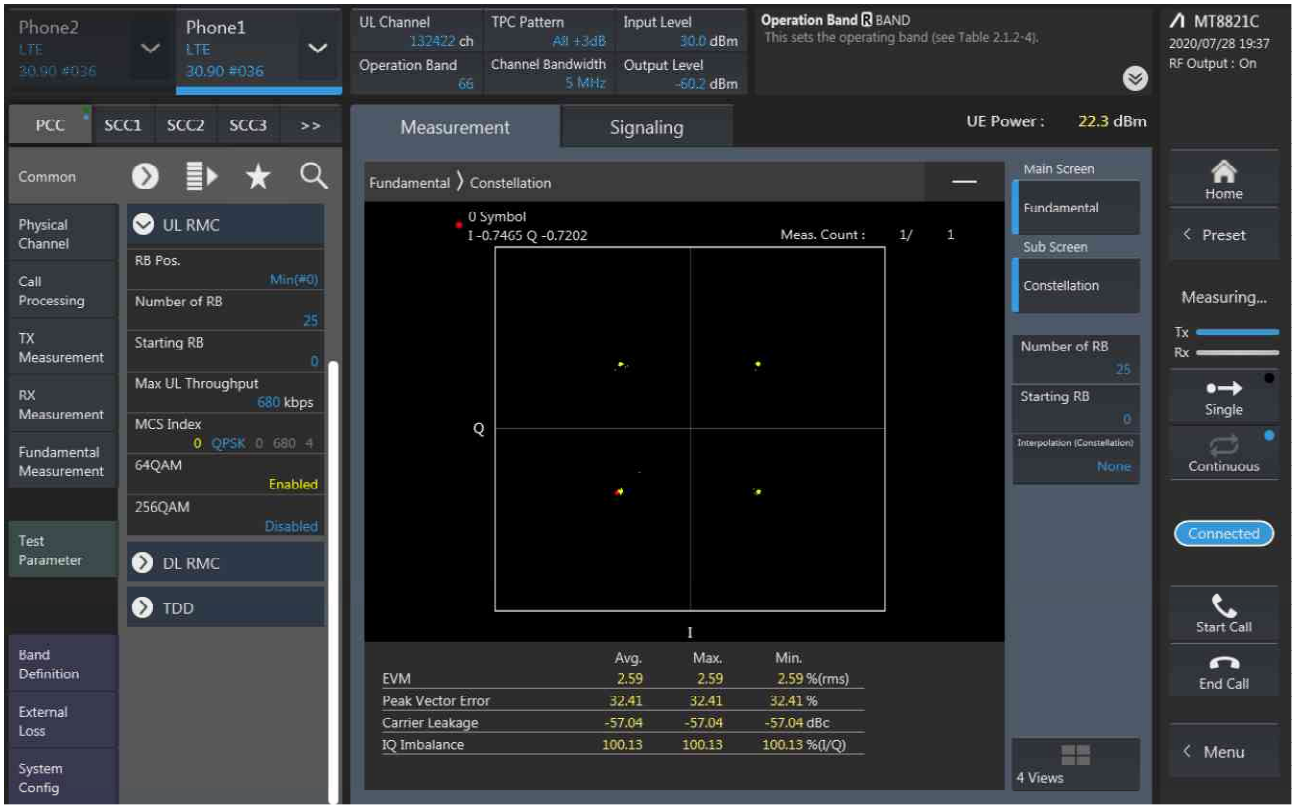
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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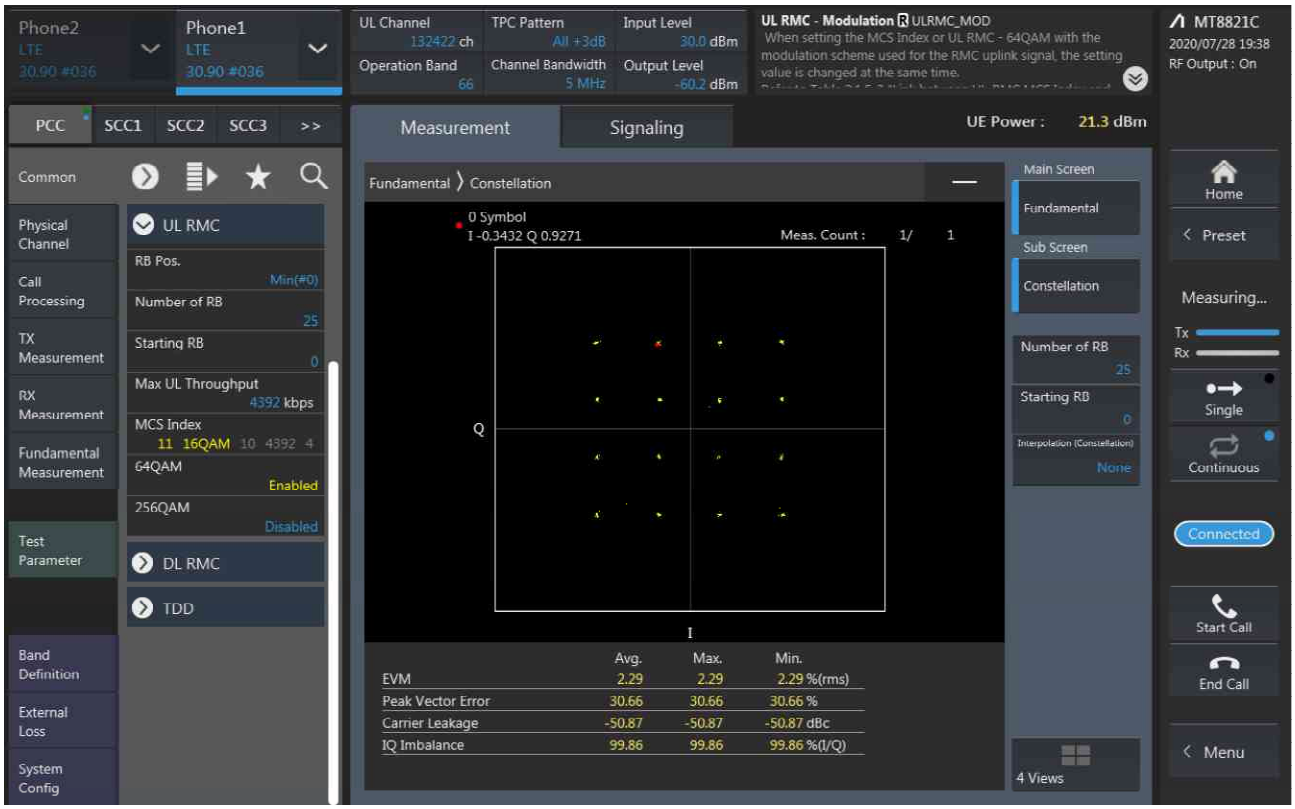
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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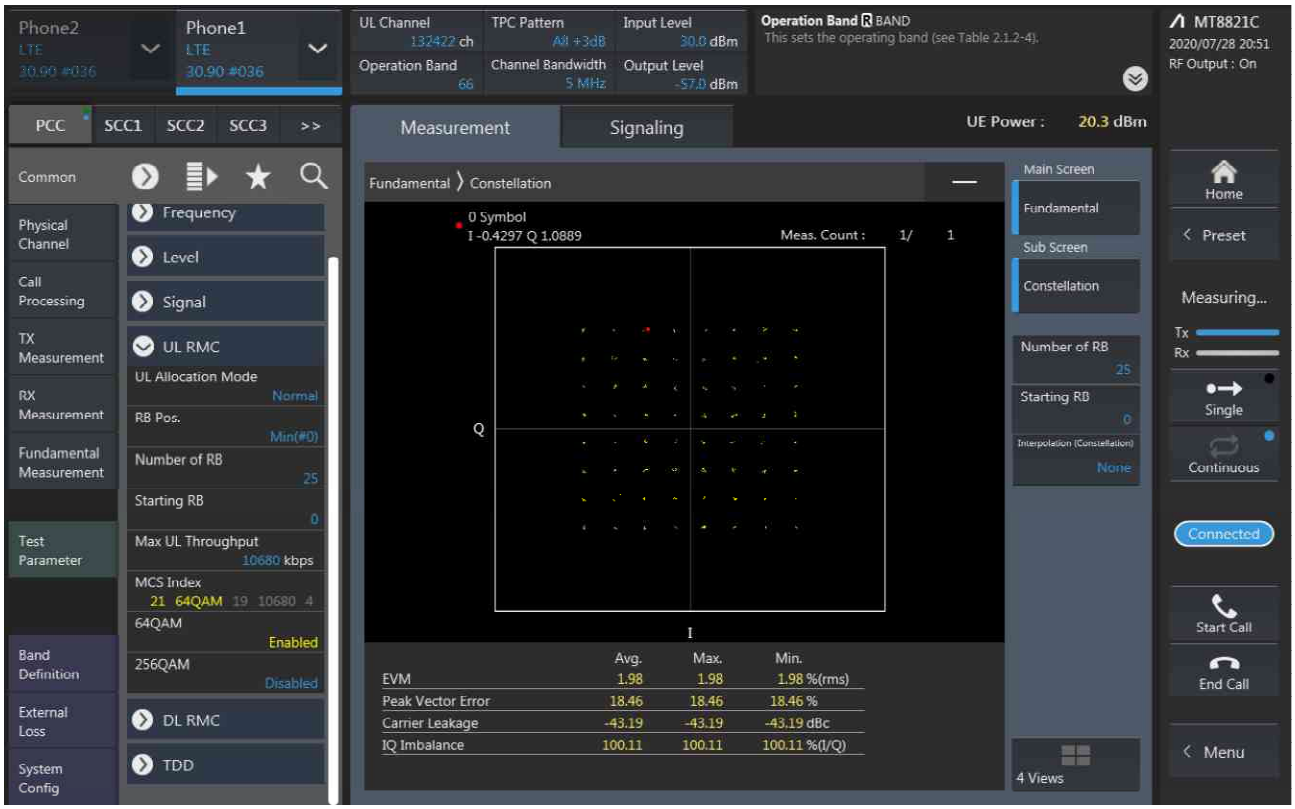
3.3. Test Mode = LTE /TM3 20MHz

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	1.287	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.091	1.296	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.284	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.091	1.284	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.094	1.287	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.094	1.281	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.088	1.284	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.091	1.287	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.691	2.922	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.691	2.922	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.685	2.922	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.679	2.910	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.685	2.904	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.685	2.910	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.673	2.904	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.673	2.904	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.673	2.910	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.486	5.040	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	5.050	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	5.060	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.486	5.030	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.486	5.020	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	5.030	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	4.960	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.496	5.070	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.496	5.060	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.931	9.960	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.951	9.940	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.951	9.900	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.931	9.800	PASS

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Band66	10MHz	64QAM	132322	50RB#0	8.931	9.820	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.931	9.820	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.951	10.040	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.931	9.920	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.931	9.840	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.516	15.000	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.487	15.150	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.487	15.060	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.457	15.150	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.457	15.150	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.457	15.210	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.487	15.090	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.457	15.090	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.487	15.090	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.902	19.680	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.902	19.680	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.902	19.760	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.902	19.640	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.862	19.560	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.862	19.640	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.902	19.640	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.942	19.680	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.902	19.720	PASS

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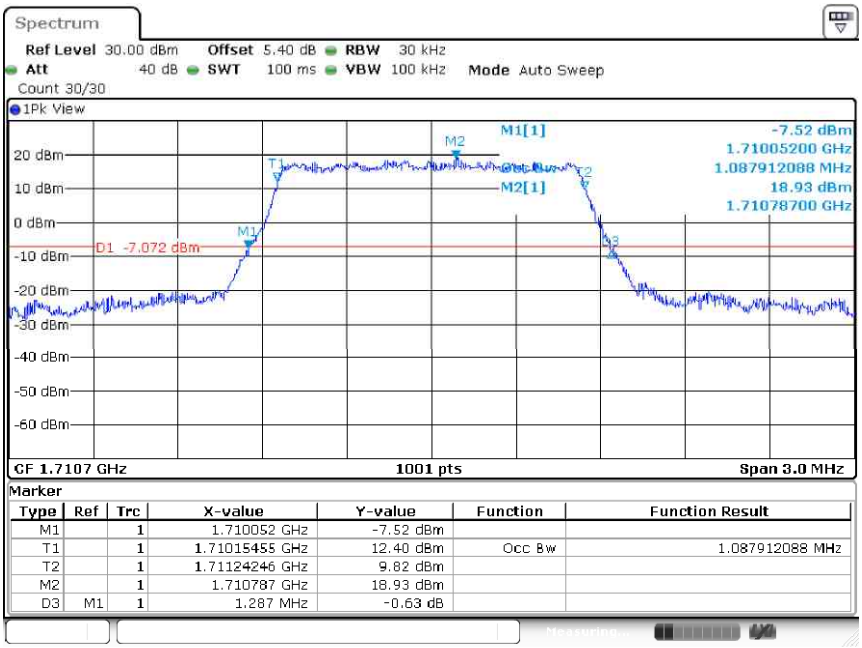
4.2. Test Plots

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



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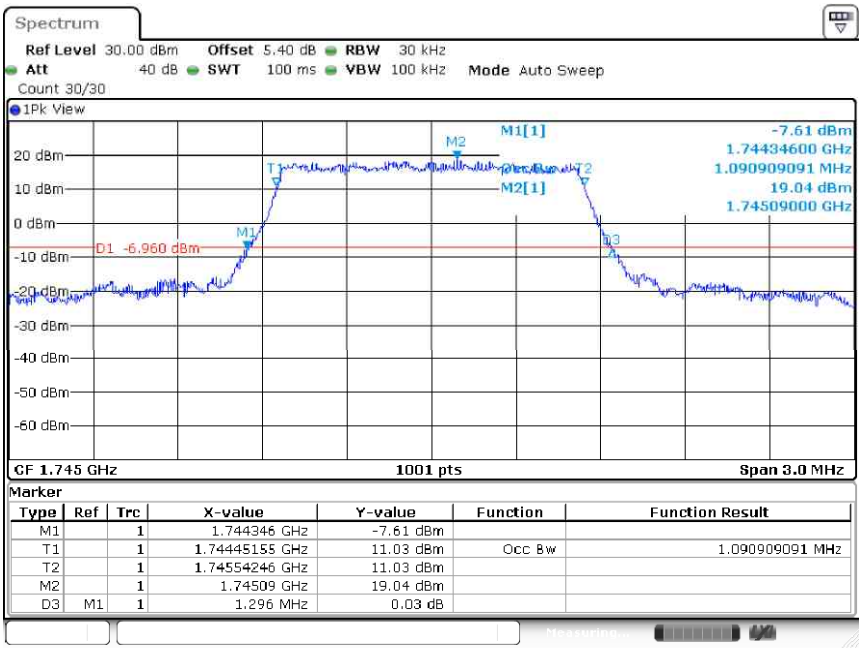
Band66-1.4MHz-QPSK-132322-6RB#0-1.091



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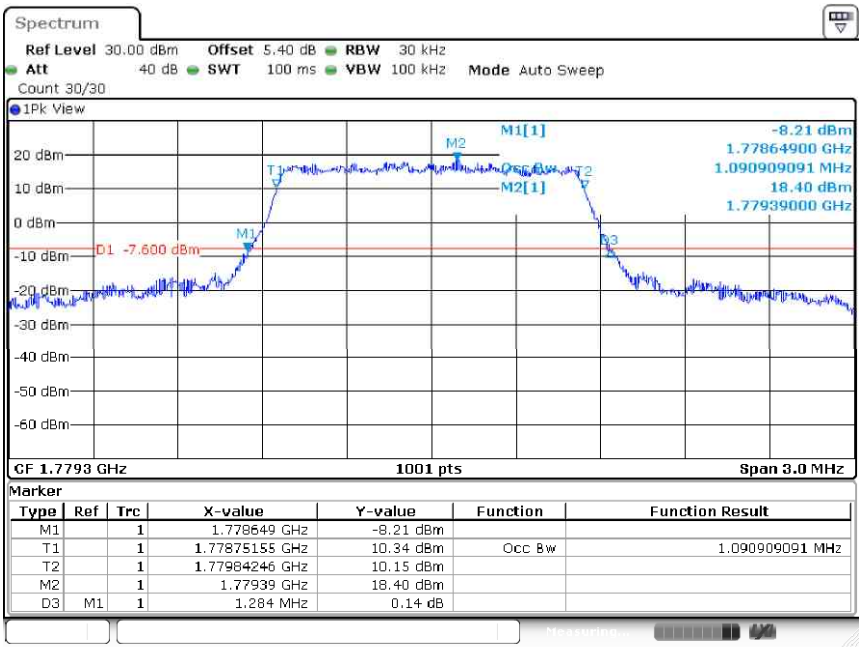
Band66-1.4MHz-QPSK-132665-6RB#0-1.091



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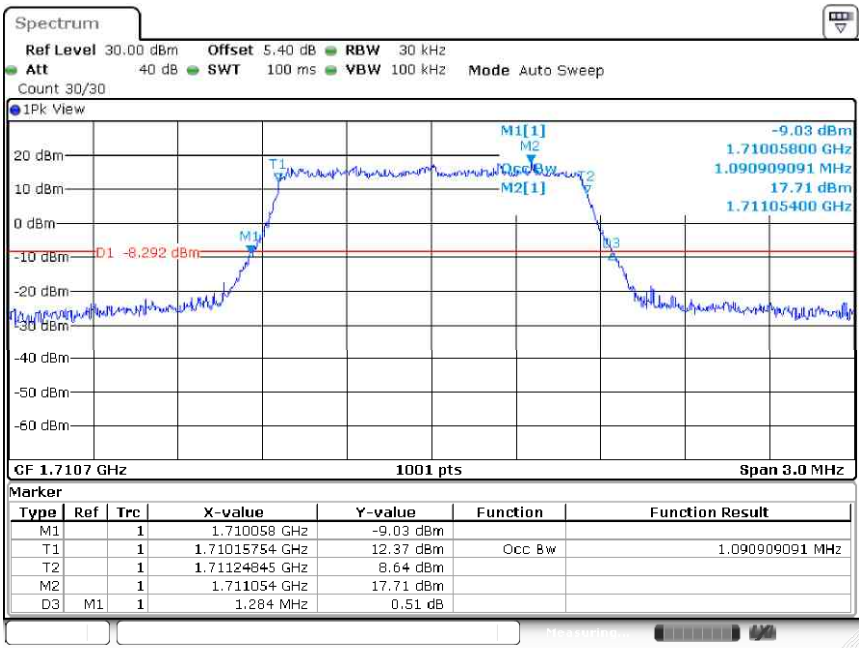
Band66-1.4MHz-64QAM-131979-6RB#0-1.091



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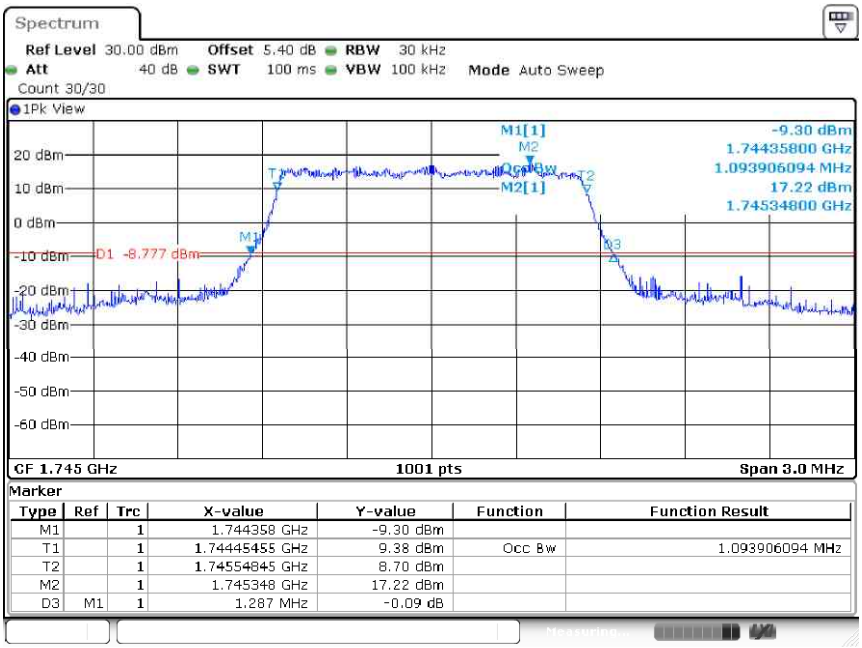
Band66-1.4MHz-64QAM-132322-6RB#0-1.094



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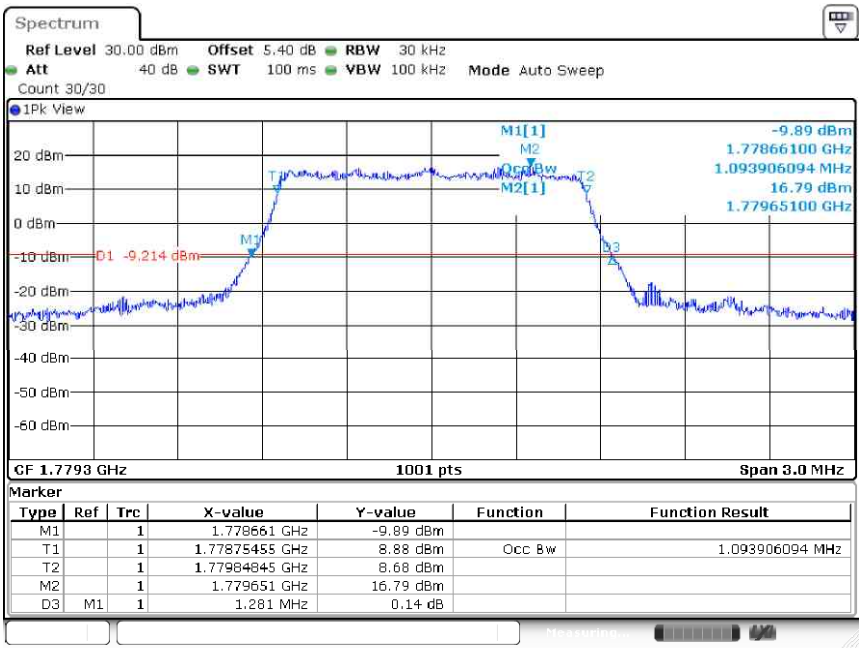
Band66-1.4MHz-64QAM-132665-6RB#0-1.094



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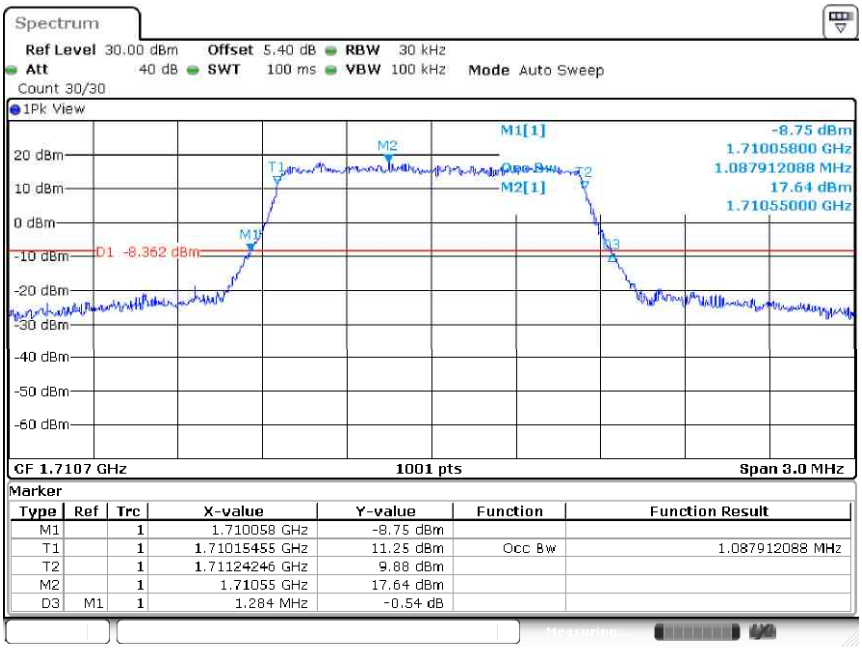
Band66-1.4MHz-16QAM-131979-6RB#0-1.088



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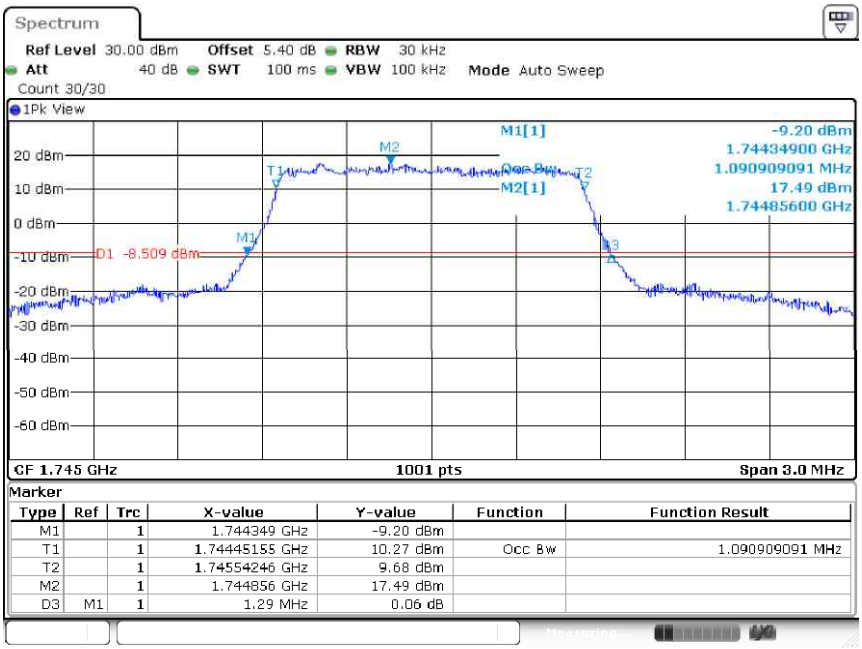
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710058 GHz	-8.75 dBm		
T1		1	1.71015455 GHz	11.25 dBm	Occ Bw	1.087912088 MHz
T2		1	1.71124246 GHz	9.88 dBm		
M2		1	1.71055 GHz	17.64 dBm		
D3	M1	1	1.284 MHz	-0.54 dB		

Date: 10.JUL.2020 15:17:41

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.744349 GHz	-9.20 dBm		
T1		1	1.74445155 GHz	10.27 dBm	Occ Bw	1.090909091 MHz
T2		1	1.74554246 GHz	9.68 dBm		
M2		1	1.744856 GHz	17.49 dBm		
D3	M1	1	1.29 MHz	0.06 dB		

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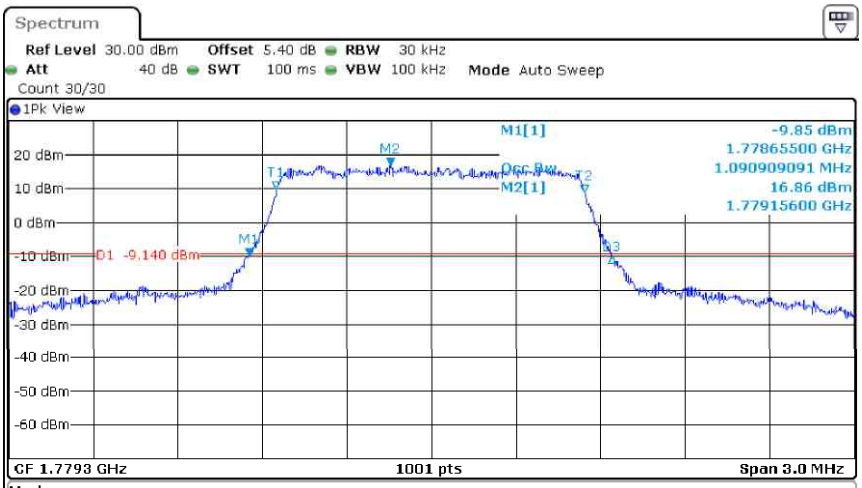
Band66-1.4MHz-16QAM-132665-6RB#0-1.091



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.778655 GHz	-9.85 dBm		
T1		1	1.77875155 GHz	9.83 dBm	Occ Bw	1.090909091 MHz
T2		1	1.77984246 GHz	8.93 dBm		
M2		1	1.779156 GHz	16.86 dBm		
D3	M1	1	1.287 MHz	0.09 dB		

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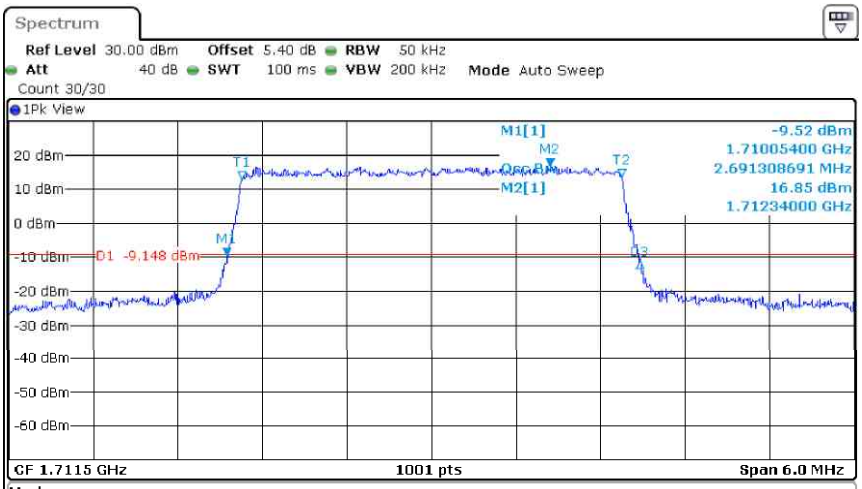
Band66-3MHz-QPSK-131987-15RB#0-2.691



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710054 GHz	-9.52 dBm		
T1		1	1.71015734 GHz	13.04 dBm	Occ Bw	2.691308691 MHz
T2		1	1.71284865 GHz	13.44 dBm		
M2		1	1.71234 GHz	16.85 dBm		
D3	M1	1	2.922 MHz	-1.58 dB		

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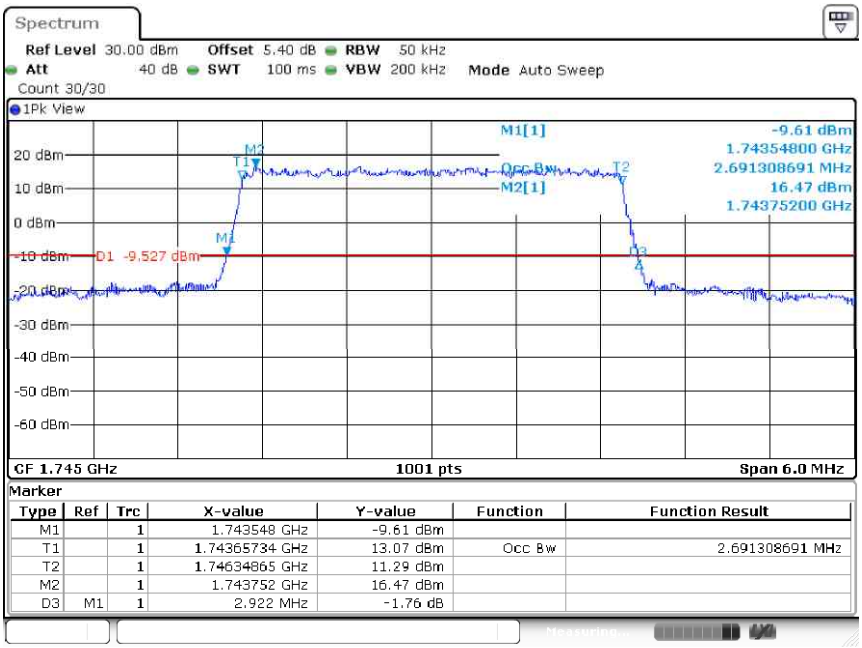
Band66-3MHz-QPSK-132322-15RB#0-2.691

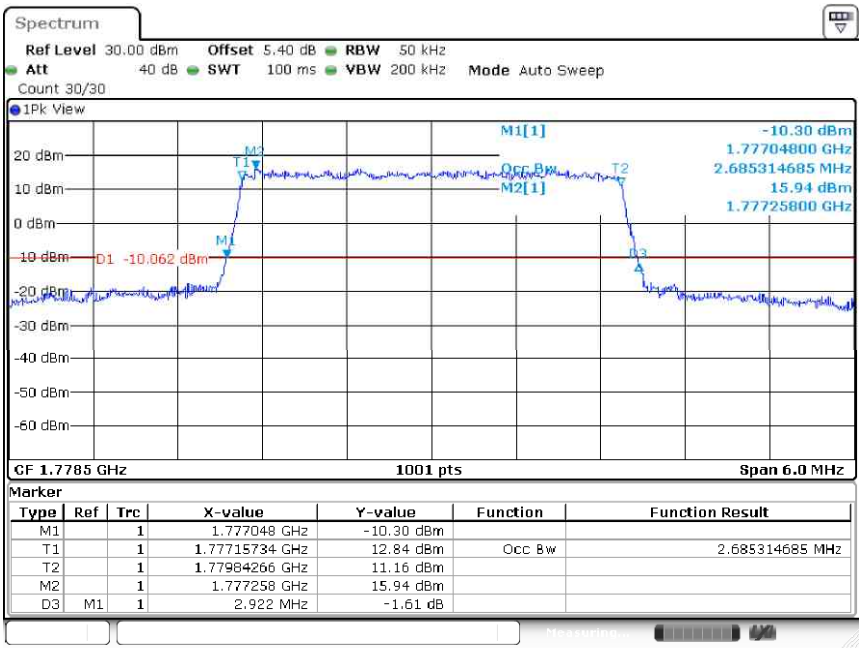


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.743548 GHz	-9.61 dBm		
T1		1	1.74365734 GHz	13.07 dBm	Occ Bw	2.691308691 MHz
T2		1	1.74634865 GHz	11.29 dBm		
M2		1	1.743752 GHz	16.47 dBm		
D3	M1	1	2.922 MHz	-1.76 dB		

Date: 10.JUL.2020 15:19:16

Band66-3MHz-QPSK-132657-15RB#0-2.685



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.777048 GHz	-10.30 dBm		
T1		1	1.77715734 GHz	12.84 dBm	Occ Bw	2.685314685 MHz
T2		1	1.77984266 GHz	11.16 dBm		
M2		1	1.777258 GHz	15.94 dBm		
D3	M1	1	2.922 MHz	-1.61 dB		

Date: 10.JUL.2020 15:19:42

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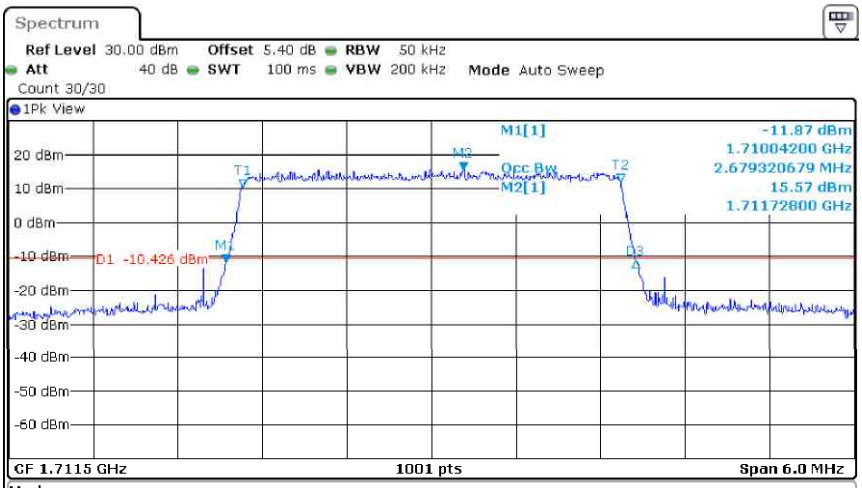
Band66-3MHz-64QAM-131987-15RB#0-2.679

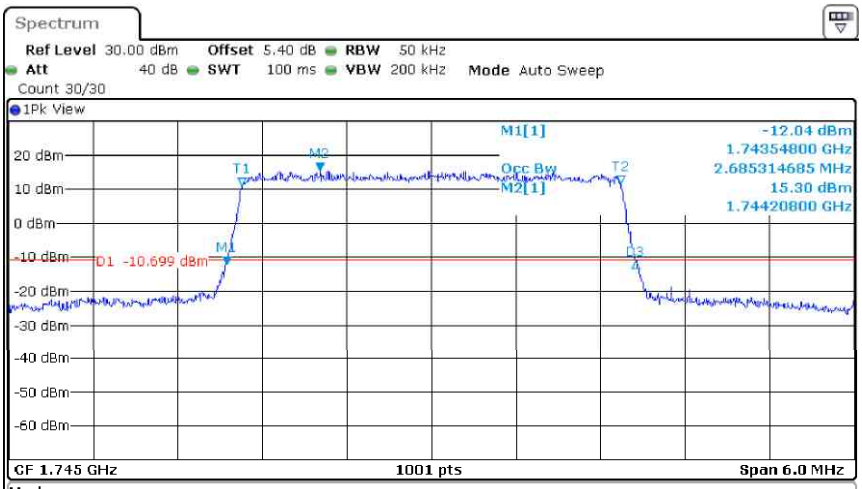


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710042 GHz	-11.87 dBm		
T1		1	1.71016334 GHz	10.43 dBm	Occ Bw	2.679320679 MHz
T2		1	1.71284266 GHz	11.83 dBm		
M2		1	1.711728 GHz	15.57 dBm		
D3	M1	1	2.91 MHz	0.71 dB		

Date: 14.JUL.2020 08:48:20

Band66-3MHz-64QAM-132322-15RB#0-2.685



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.743548 GHz	-12.04 dBm		
T1		1	1.74365734 GHz	11.13 dBm	Occ Bw	2.685314685 MHz
T2		1	1.74634266 GHz	11.53 dBm		
M2		1	1.744208 GHz	15.30 dBm		
D3	M1	1	2.904 MHz	1.02 dB		

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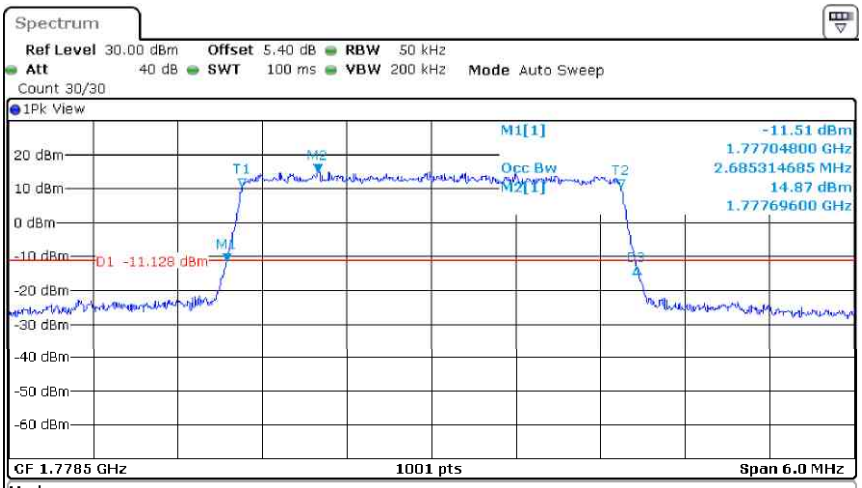
Band66-3MHz-64QAM-132657-15RB#0-2.685



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.777048 GHz	-11.51 dBm		
T1		1	1.77715734 GHz	10.67 dBm	Occ Bw	2.685314685 MHz
T2		1	1.77984266 GHz	10.47 dBm		
M2		1	1.777696 GHz	14.87 dBm		
D3	M1	1	2.91 MHz	-1.59 dB		

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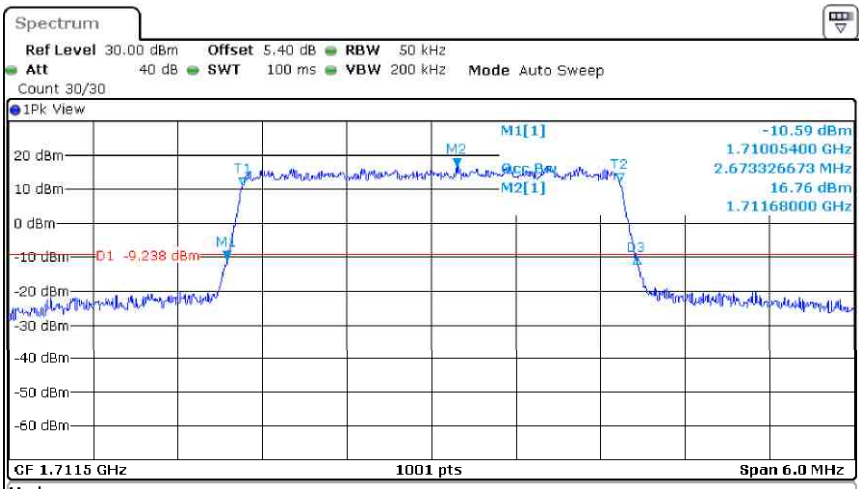
Band66-3MHz-16QAM-131987-15RB#0-2.673



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710054 GHz	-10.59 dBm		
T1		1	1.71016334 GHz	10.98 dBm	Occ Bw	2.673326673 MHz
T2		1	1.71283666 GHz	12.36 dBm		
M2		1	1.71168 GHz	16.76 dBm		
D3	M1	1	2.904 MHz	0.63 dB		

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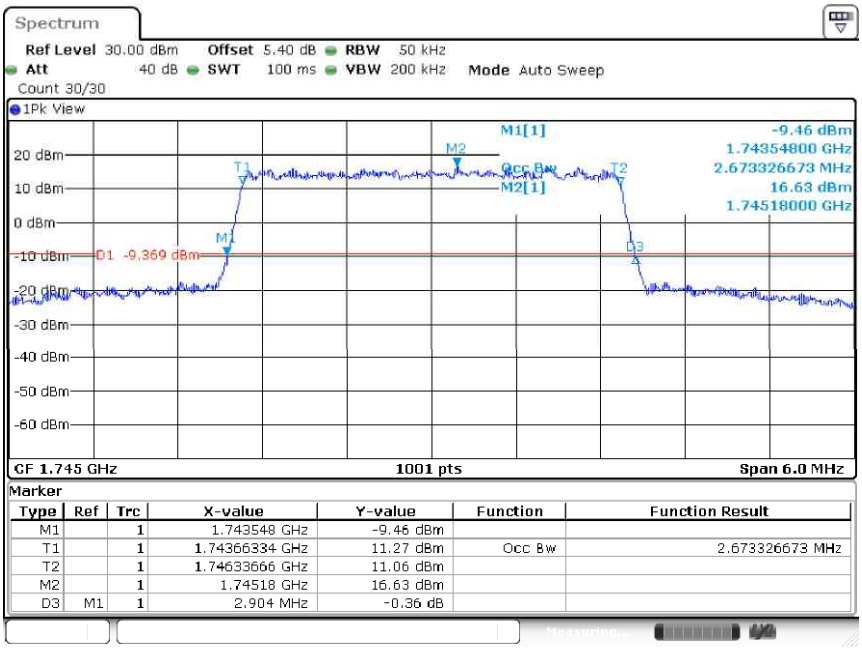
Band66-3MHz-16QAM-132322-15RB#0-2.673

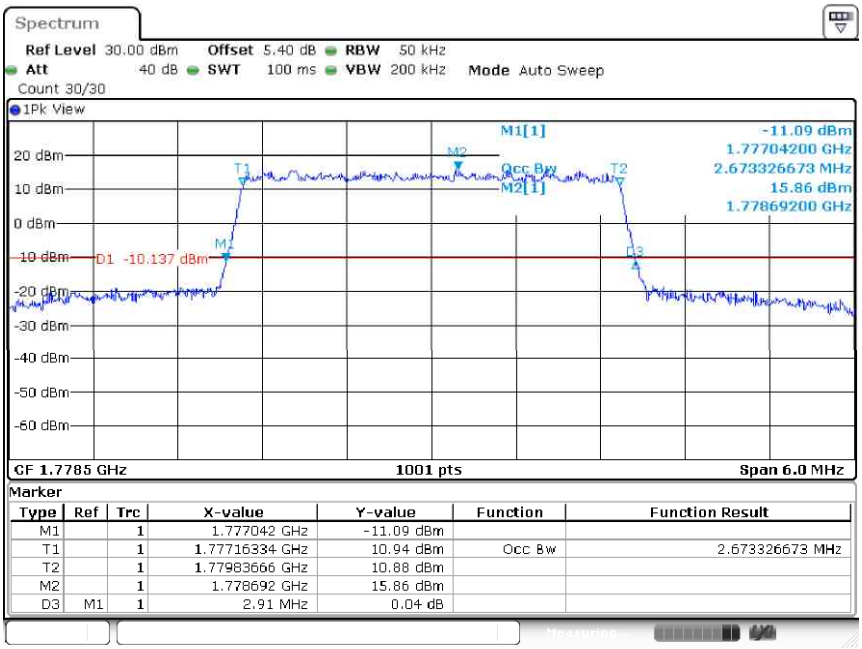


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.743548 GHz	-9.46 dBm		
T1		1	1.74366334 GHz	11.27 dBm	Occ Bw	2.673326673 MHz
T2		1	1.74633666 GHz	11.06 dBm		
M2		1	1.74518 GHz	16.63 dBm		
D3	M1	1	2.904 MHz	-0.36 dB		

Date: 10.JUL.2020 15:19:29

Band66-3MHz-16QAM-132657-15RB#0-2.673



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.777042 GHz	-11.09 dBm		
T1		1	1.77716334 GHz	10.94 dBm	Occ Bw	2.673326673 MHz
T2		1	1.77983666 GHz	10.88 dBm		
M2		1	1.778692 GHz	15.86 dBm		
D3	M1	1	2.91 MHz	0.04 dB		

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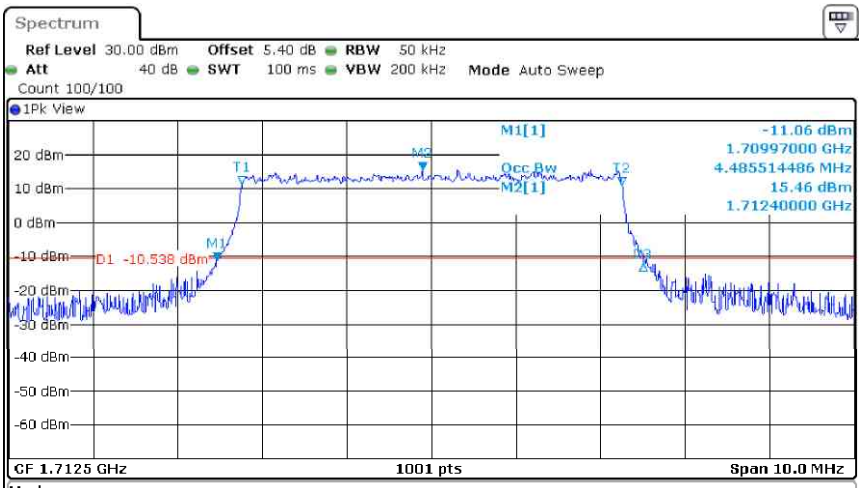
Band66-5MHz-QPSK-131997-25RB#0-4.486

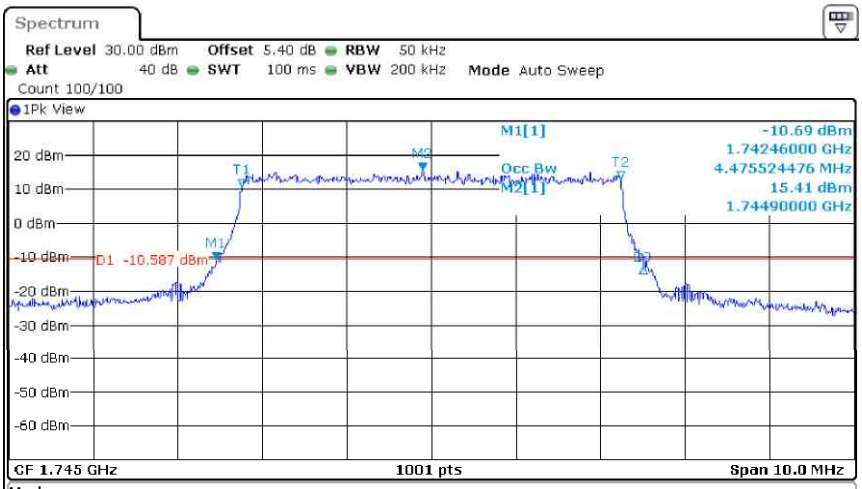


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.70997 GHz	-11.06 dBm		
T1		1	1.7102622 GHz	11.27 dBm	Occ Bw	4.485514486 MHz
T2		1	1.7147478 GHz	10.96 dBm		
M2		1	1.7124 GHz	15.46 dBm		
D3	M1	1	5.04 MHz	-0.93 dB		

Date: 10.JUL.2020 15:20:19

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74246 GHz	-10.69 dBm		
T1		1	1.7427622 GHz	10.77 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7472378 GHz	12.76 dBm		
M2		1	1.7449 GHz	15.41 dBm		
D3	M1	1	5.05 MHz	-2.04 dB		

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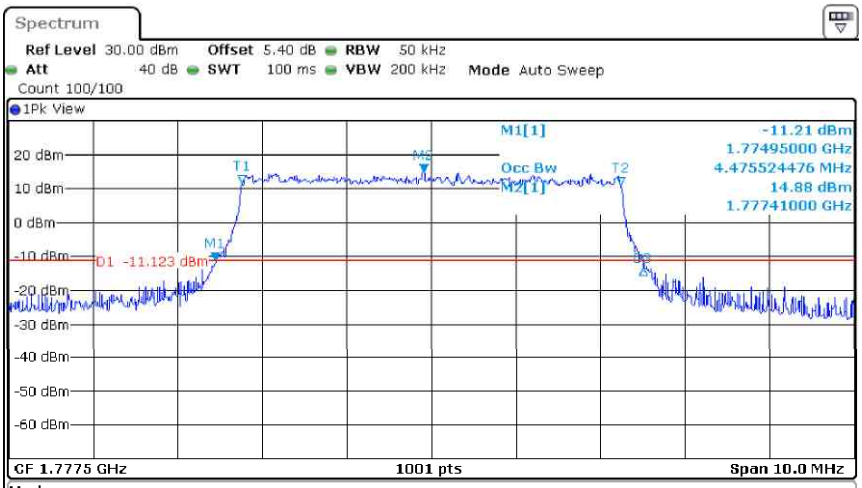
Band66-5MHz-QPSK-132647-25RB#0-4.476



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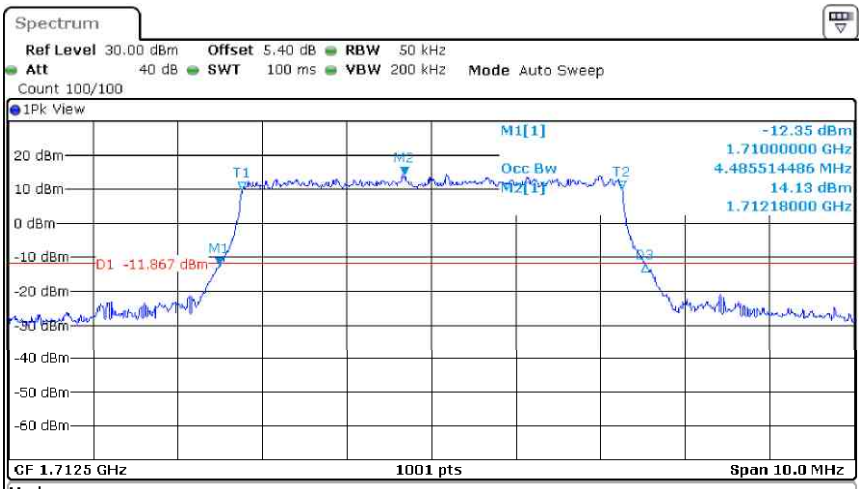
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77495 GHz	-11.21 dBm		
T1		1	1.7752622 GHz	11.65 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7797378 GHz	10.88 dBm		
M2		1	1.77741 GHz	14.88 dBm		
D3	M1	1	5.06 MHz	-2.08 dB		

Date: 10.JUL.2020 15:21:39

Band66-5MHz-64QAM-131997-25RB#0-4.486



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71 GHz	-12.35 dBm		
T1		1	1.7102622 GHz	9.77 dBm	Occ Bw	4.485514486 MHz
T2		1	1.7147478 GHz	10.11 dBm		
M2		1	1.71218 GHz	14.13 dBm		
D3	M1	1	5.03 MHz	0.26 dB		

Date: 14.JUL.2020 08:49:10

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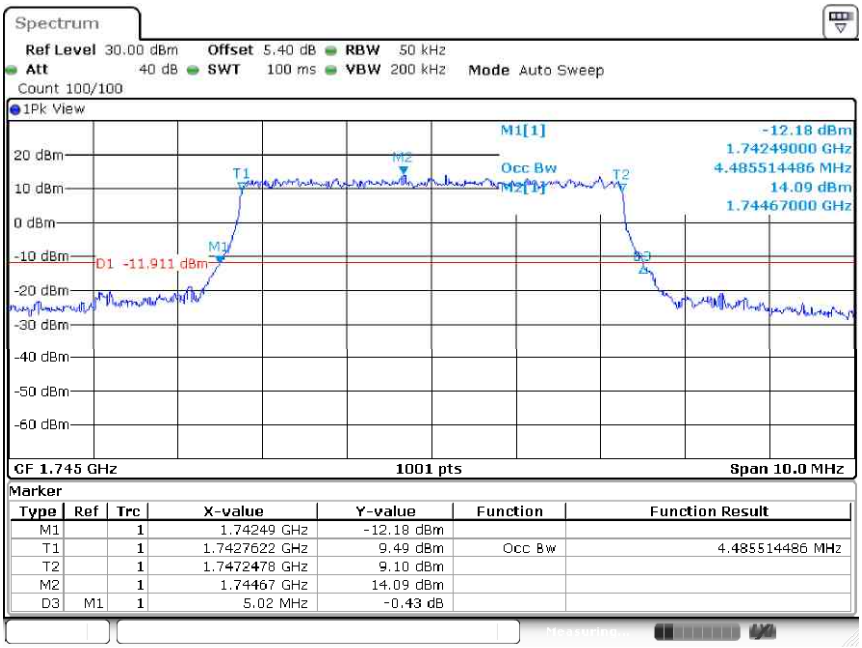

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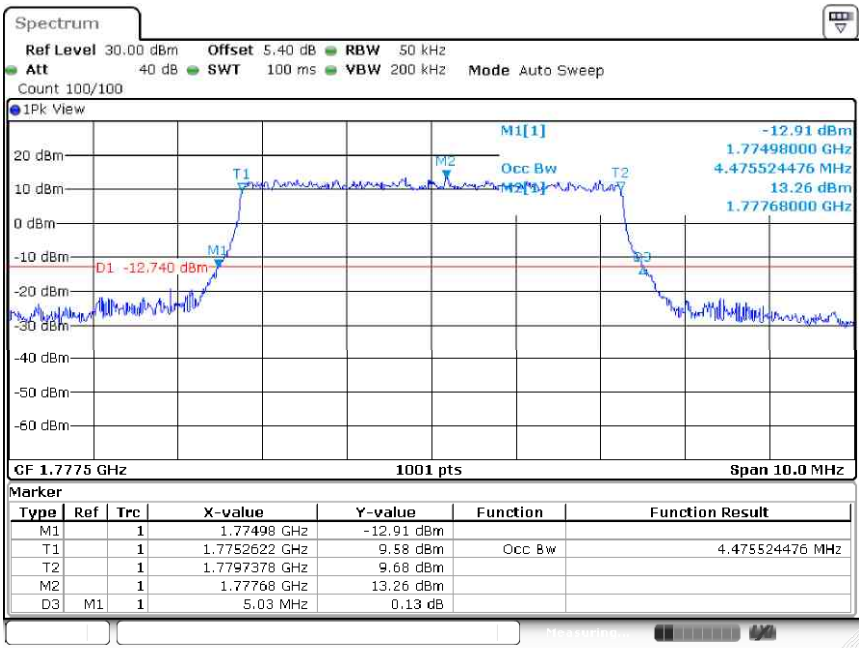
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74249 GHz	-12.18 dBm		
T1		1	1.7427622 GHz	9.49 dBm	Occ Bw	4.485514486 MHz
T2		1	1.7472478 GHz	9.10 dBm		
M2		1	1.74467 GHz	14.09 dBm		
D3	M1	1	5.02 MHz	-0.43 dB		

Date: 14.JUL.2020 08:49:30

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77498 GHz	-12.91 dBm		
T1		1	1.7752622 GHz	9.58 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7797378 GHz	9.68 dBm		
M2		1	1.77768 GHz	13.26 dBm		
D3	M1	1	5.03 MHz	0.13 dB		

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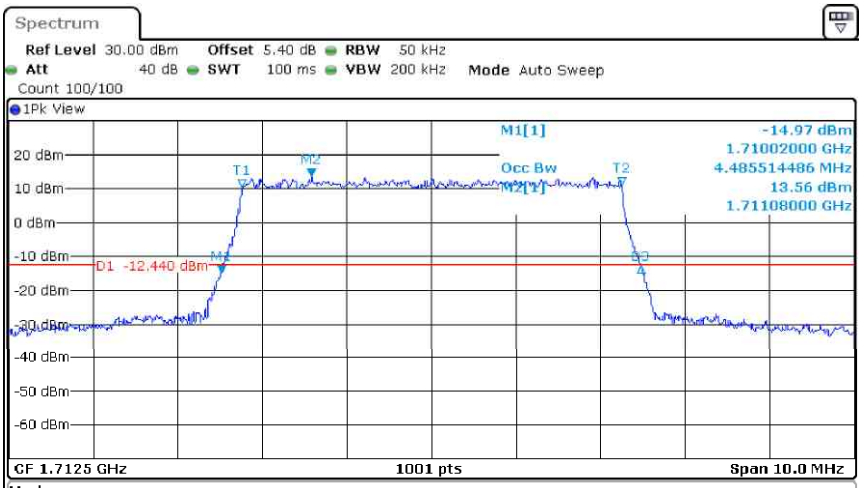
Band66-5MHz-16QAM-131997-25RB#0-4.855



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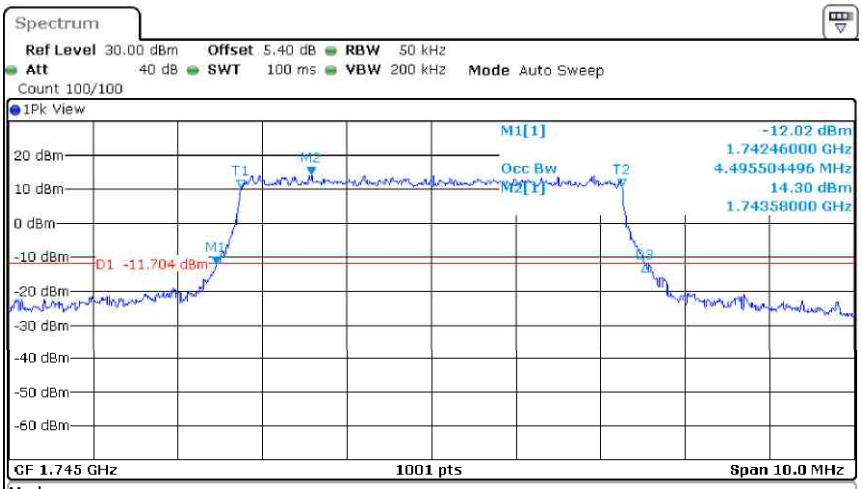
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71002 GHz	-14.97 dBm		
T1		1	1.7102622 GHz	10.26 dBm	Occ Bw	4.485514486 MHz
T2		1	1.7147478 GHz	11.17 dBm		
M2		1	1.71108 GHz	13.56 dBm		
D3	M1	1	4.96 MHz	2.15 dB		

Date: 28.JUN.2020 08:19:11

Band66-5MHz-16QAM-132322-25RB#0-4.496



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74246 GHz	-12.02 dBm		
T1		1	1.7427522 GHz	10.43 dBm	Occ Bw	4.495504496 MHz
T2		1	1.7472478 GHz	10.75 dBm		
M2		1	1.74358 GHz	14.30 dBm		
D3	M1	1	5.07 MHz	0.00 dB		

Date: 10.JUL.2020 15:21:19

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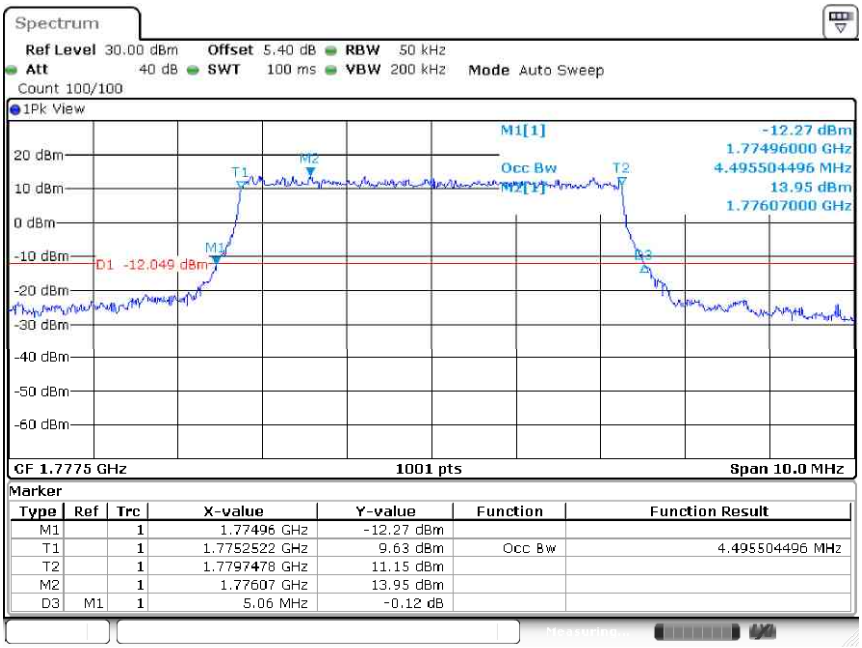
Band66-5MHz-16QAM-132647-25RB#0-4.496

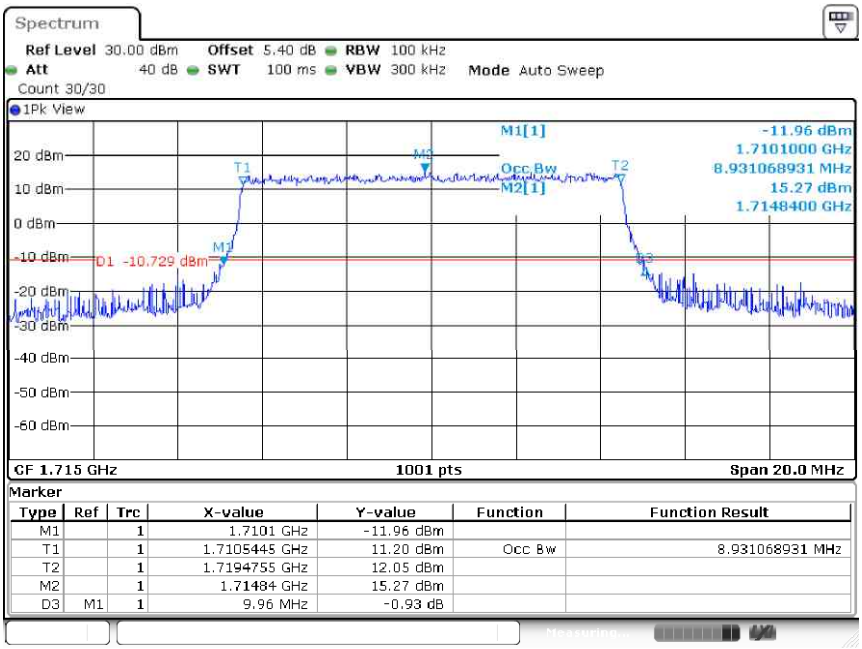


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77496 GHz	-12.27 dBm		
T1		1	1.7752522 GHz	9.63 dBm	Occ Bw	4.495504496 MHz
T2		1	1.7797478 GHz	11.15 dBm		
M2		1	1.77607 GHz	13.95 dBm		
D3	M1	1	5.06 MHz	-0.12 dB		

Date: 10.JUL.2020 15:21:58

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7101 GHz	-11.96 dBm		
T1		1	1.7105445 GHz	11.20 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7194755 GHz	12.05 dBm		
M2		1	1.71484 GHz	15.27 dBm		
D3	M1	1	9.96 MHz	-0.93 dB		

Date: 10.JUL.2020 15:22:16

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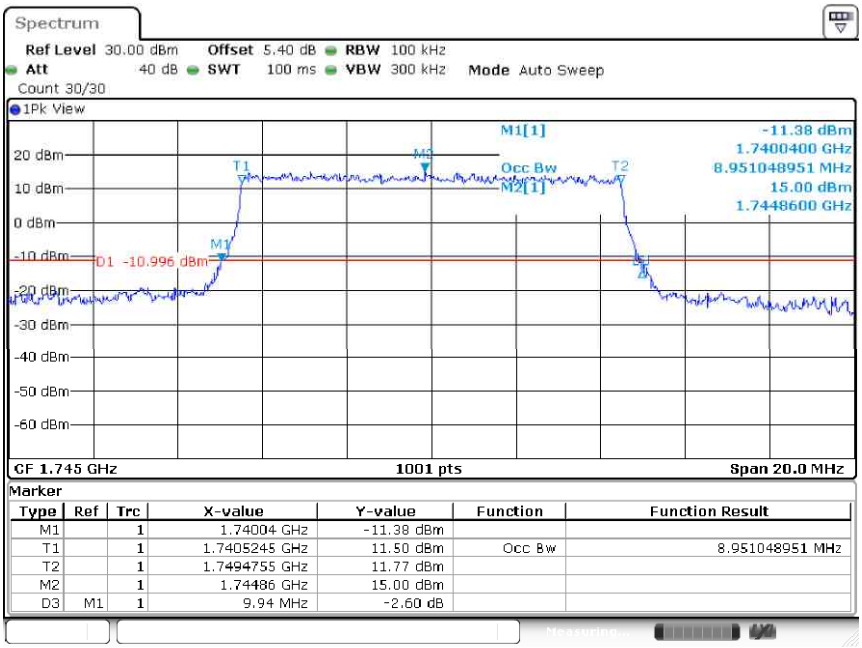
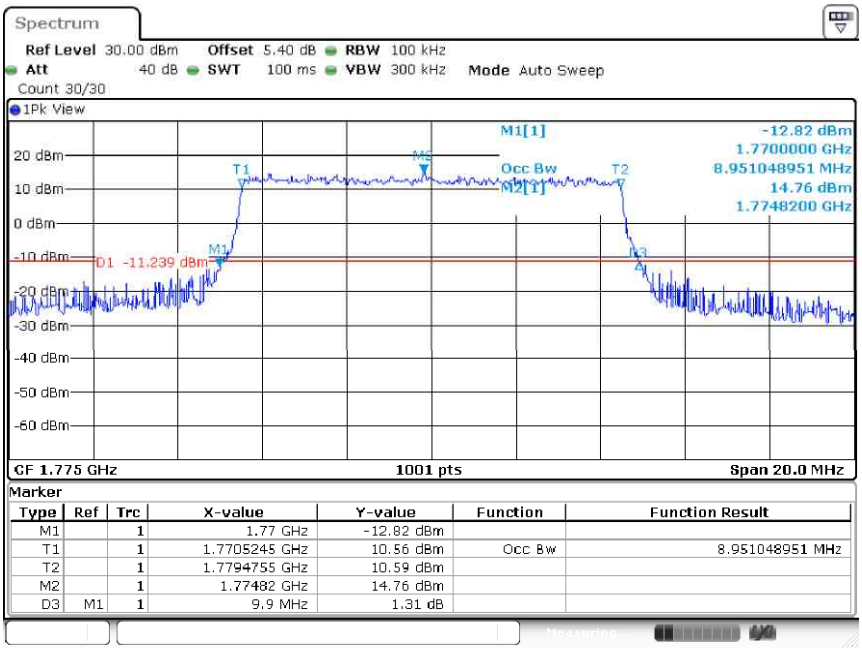
Band66-10MHz-QPSK-132322-50RB#0-8.951



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74004 GHz	-11.38 dBm		
T1		1	1.7405245 GHz	11.50 dBm	Occ Bw	8.951048951 MHz
T2		1	1.7494755 GHz	11.77 dBm		
M2		1	1.74486 GHz	15.00 dBm		
D3	M1	1	9.94 MHz	-2.60 dB		

Date: 10.JUL.2020 15:22:42

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



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77 GHz	-12.82 dBm		
T1		1	1.7705245 GHz	10.56 dBm	Occ Bw	8.951048951 MHz
T2		1	1.7794755 GHz	10.59 dBm		
M2		1	1.77482 GHz	14.76 dBm		
D3	M1	1	9.9 MHz	1.31 dB		

Date: 10.JUL.2020 15:23:07

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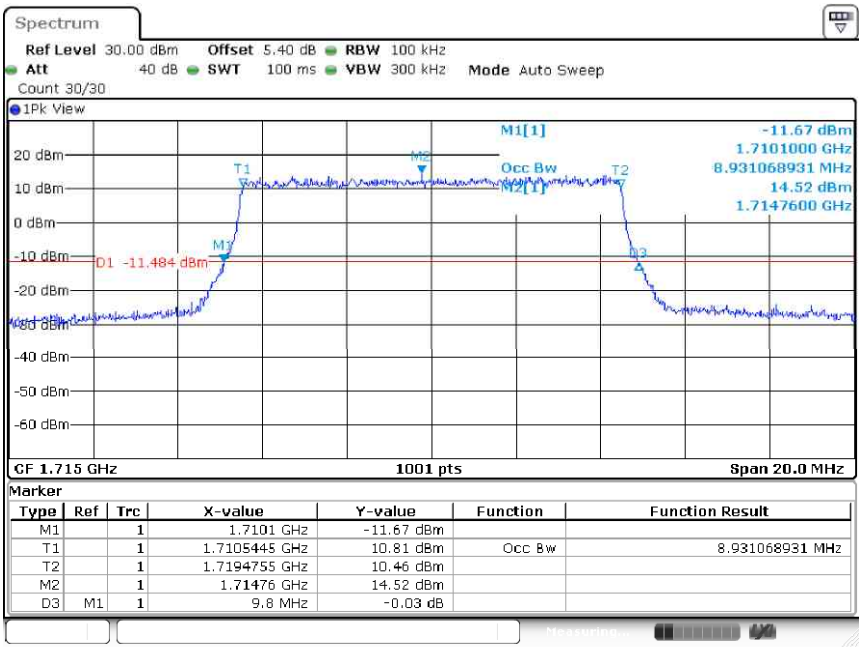
Band66-10MHz-64QAM-132022-50RB#0-8.931

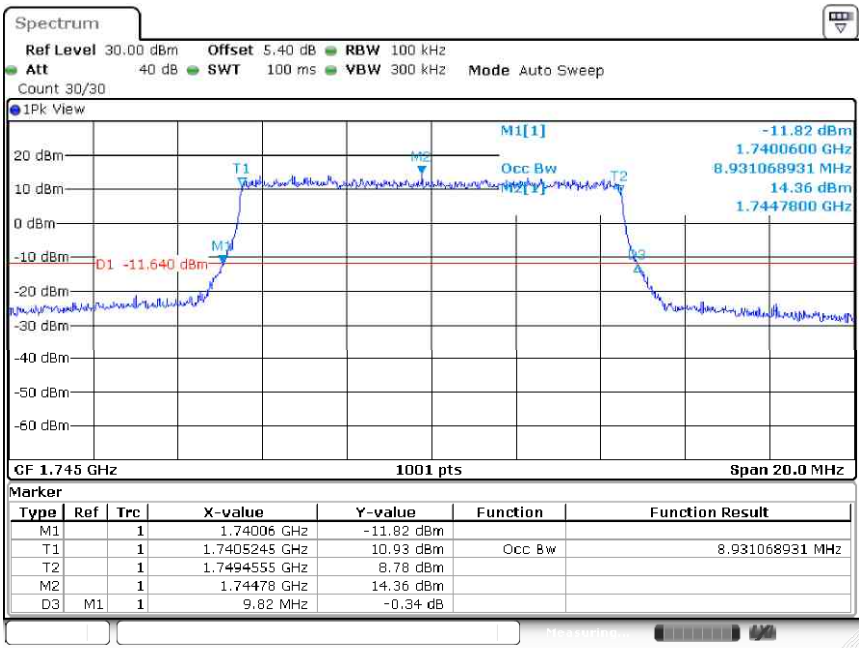


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7101 GHz	-11.67 dBm		
T1		1	1.7105445 GHz	10.81 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7194755 GHz	10.46 dBm		
M2		1	1.71476 GHz	14.52 dBm		
D3	M1	1	9.8 MHz	-0.03 dB		

Date: 14.JUL.2020 08:50:08

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74006 GHz	-11.82 dBm		
T1		1	1.7405245 GHz	10.93 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7494555 GHz	8.78 dBm		
M2		1	1.74478 GHz	14.36 dBm		
D3	M1	1	9.82 MHz	-0.34 dB		

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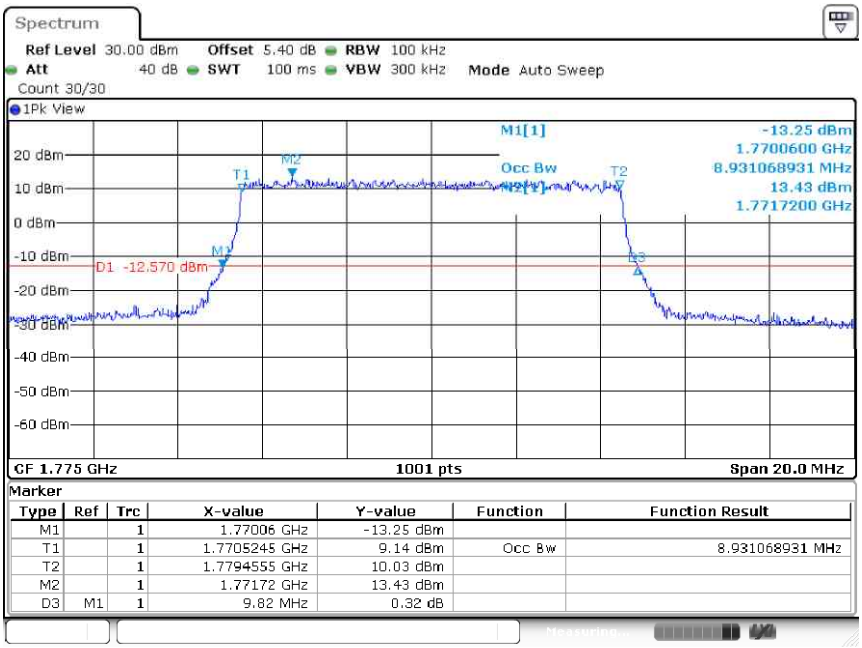
Band66-10MHz-64QAM-132622-50RB#0-8.931



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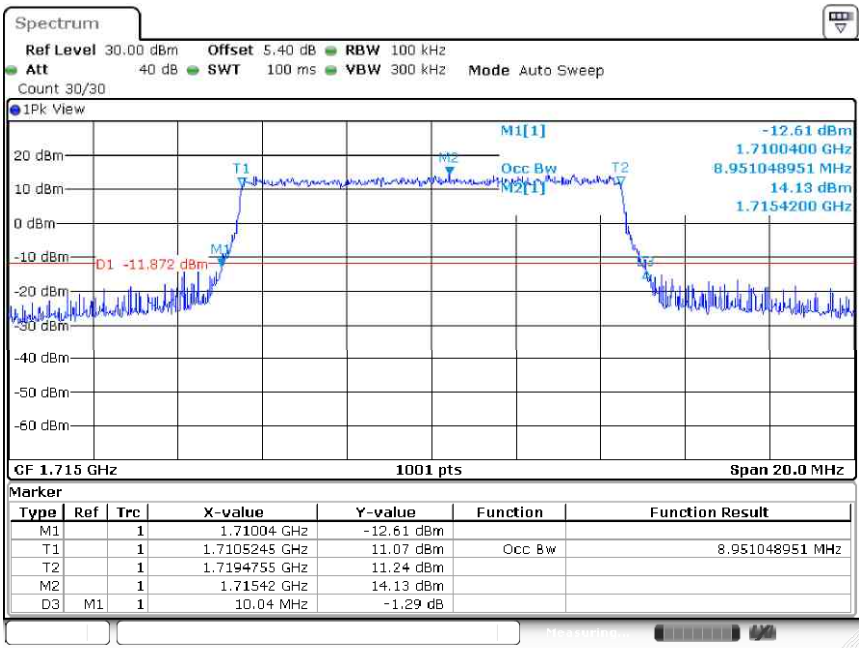
Band66-10MHz-16QAM-132022-50RB#0-8.951



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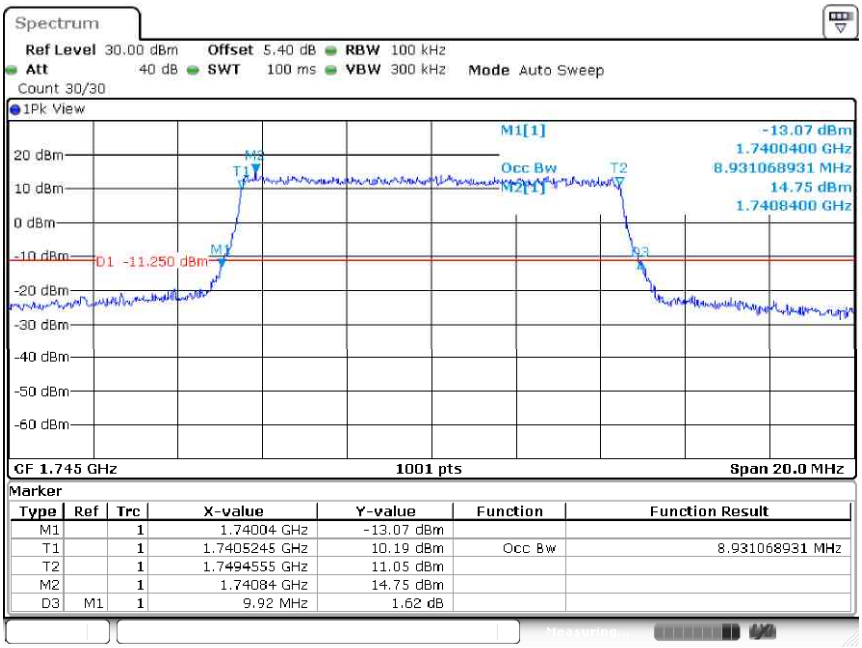
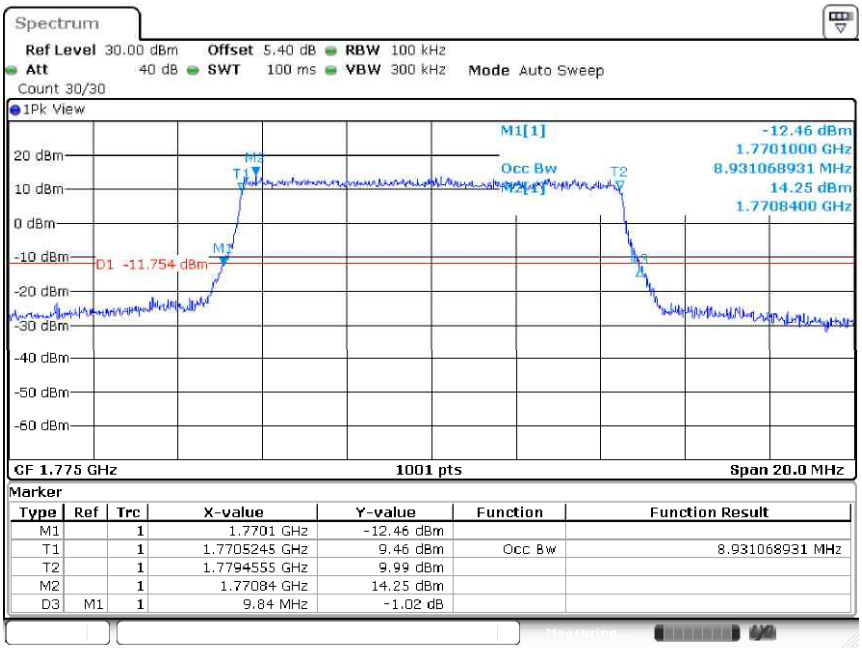


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74004 GHz	-13.07 dBm		
T1		1	1.7405245 GHz	10.19 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7494555 GHz	11.05 dBm		
M2		1	1.74084 GHz	14.75 dBm		
D3	M1	1	9.92 MHz	1.62 dB		

Date: 10.JUL.2020 15:22:54

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7701 GHz	-12.46 dBm		
T1		1	1.7705245 GHz	9.46 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7794555 GHz	9.99 dBm		
M2		1	1.77084 GHz	14.25 dBm		
D3	M1	1	9.84 MHz	-1.02 dB		

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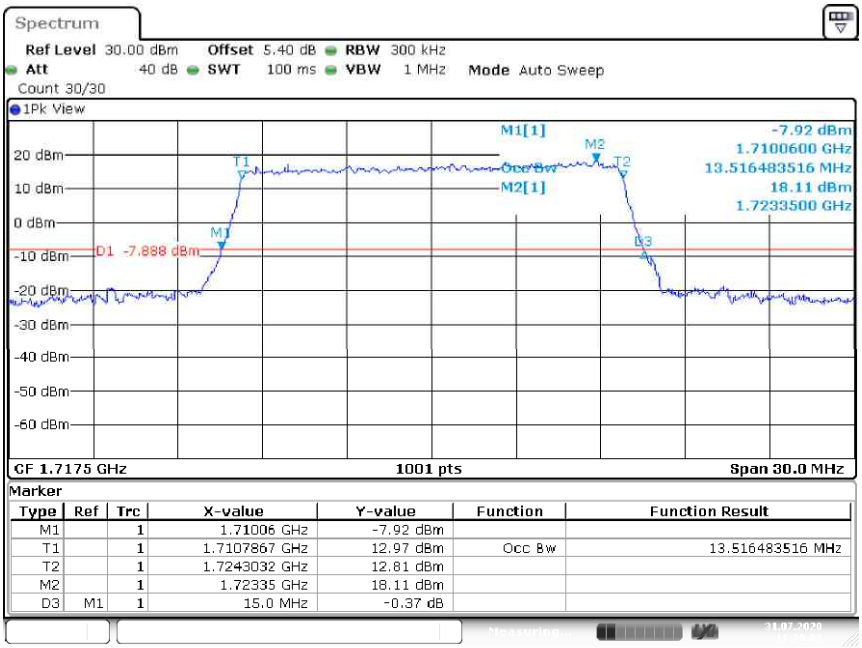
Band66-15MHz-QPSK-132047-75RB#0-13.516



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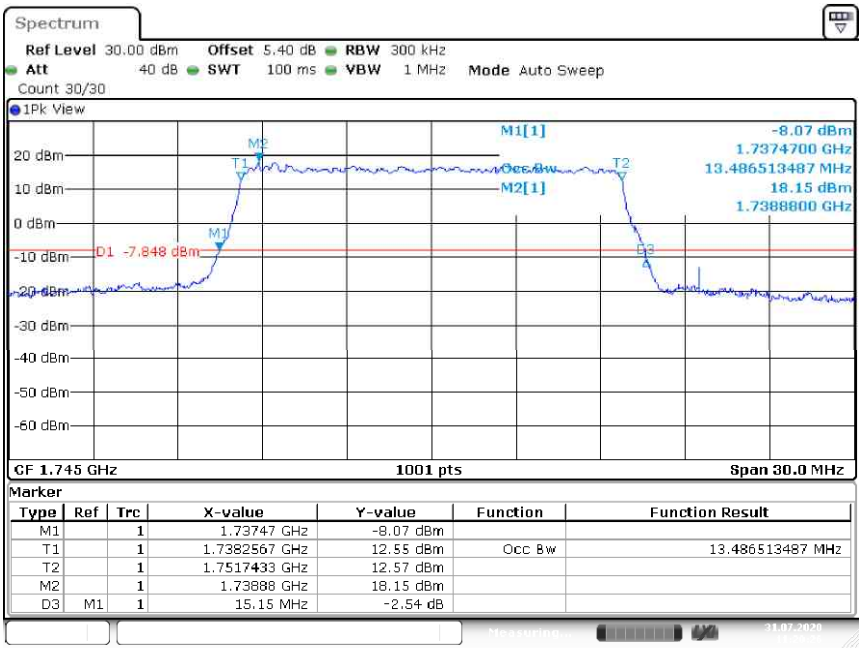
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71006 GHz	-7.92 dBm		
T1		1	1.7107867 GHz	12.97 dBm	Occ Bw	13.516483516 MHz
T2		1	1.7243032 GHz	12.81 dBm		
M2		1	1.72335 GHz	18.11 dBm		
D3	M1	1	15.0 MHz	-0.37 dB		

Date: 31.JUL.2020 11:20:01

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73747 GHz	-8.07 dBm		
T1		1	1.7382567 GHz	12.55 dBm	Occ Bw	13.486513487 MHz
T2		1	1.7517433 GHz	12.57 dBm		
M2		1	1.73888 GHz	18.15 dBm		
D3	M1	1	15.15 MHz	-2.54 dB		

Date: 31.JUL.2020 11:20:26

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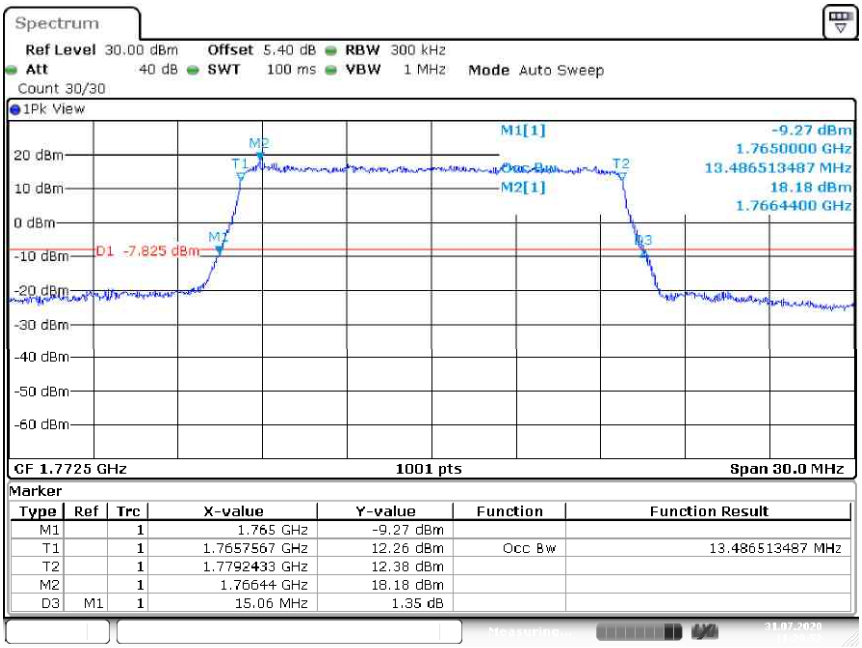
Band66-15MHz-QPSK-132597-75RB#0-13.487



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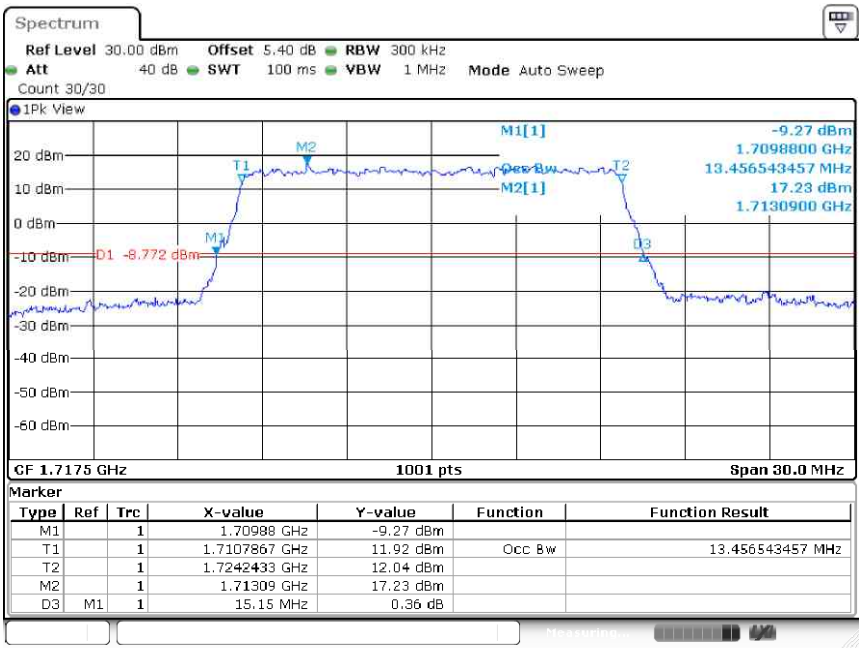
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.765 GHz	-9.27 dBm		
T1		1	1.7657567 GHz	12.26 dBm	Occ Bw	13.486513487 MHz
T2		1	1.7792433 GHz	12.38 dBm		
M2		1	1.76644 GHz	18.18 dBm		
D3	M1	1	15.06 MHz	1.35 dB		

Date: 31.JUL.2020 11:20:52

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.70988 GHz	-9.27 dBm		
T1		1	1.7107867 GHz	11.92 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7242433 GHz	12.04 dBm		
M2		1	1.71309 GHz	17.23 dBm		
D3	M1	1	15.15 MHz	0.36 dB		

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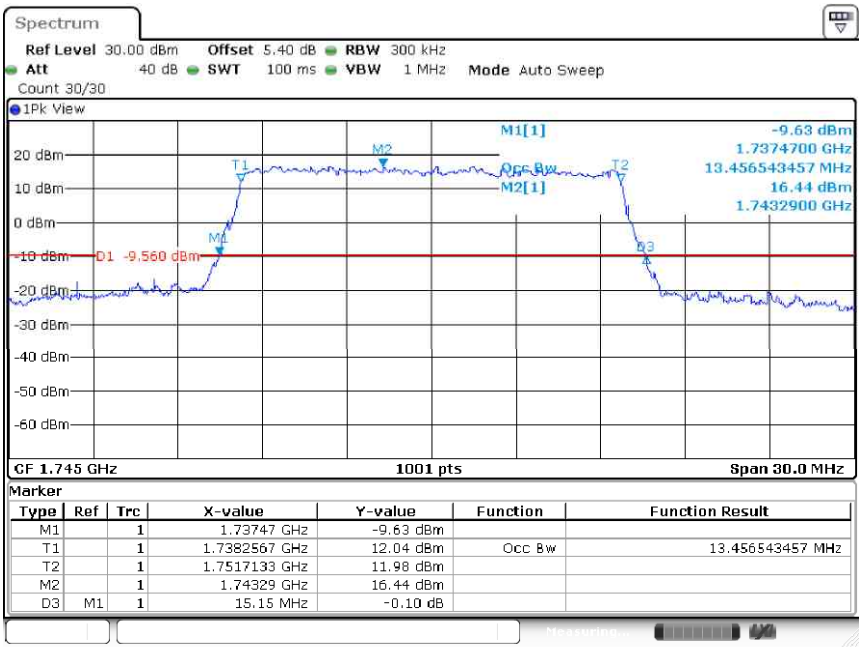
Band66-15MHz-64QAM-132322-75RB#0-13.457



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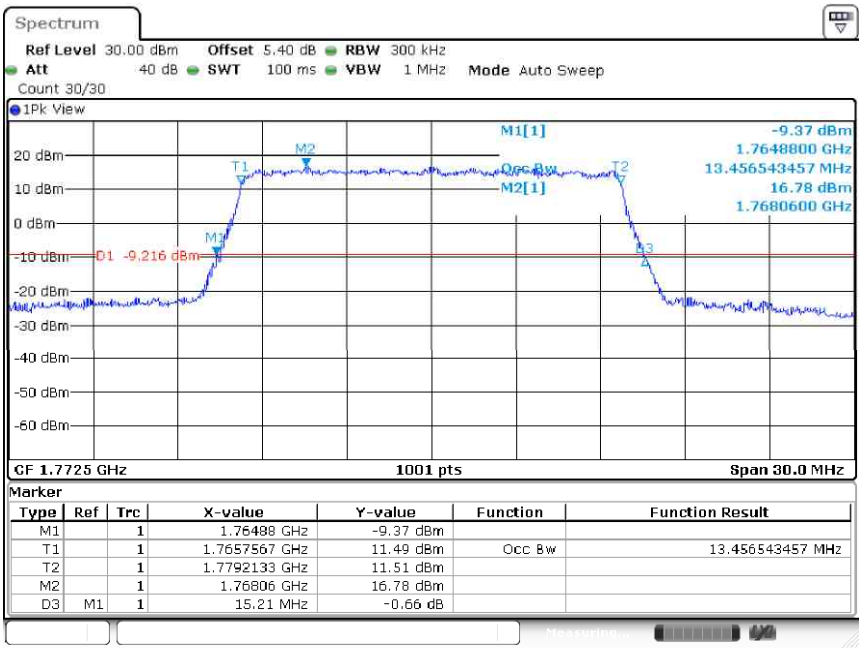
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73747 GHz	-9.63 dBm		
T1		1	1.7382567 GHz	12.04 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7517133 GHz	11.98 dBm		
M2		1	1.74329 GHz	16.44 dBm		
D3	M1	1	15.15 MHz	-0.10 dB		

Date: 14.JUL.2020 08:51:05

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.76488 GHz	-9.37 dBm		
T1		1	1.7657567 GHz	11.49 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7792133 GHz	11.51 dBm		
M2		1	1.76806 GHz	16.78 dBm		
D3	M1	1	15.21 MHz	-0.66 dB		

Date: 14.JUL.2020 08:51:18

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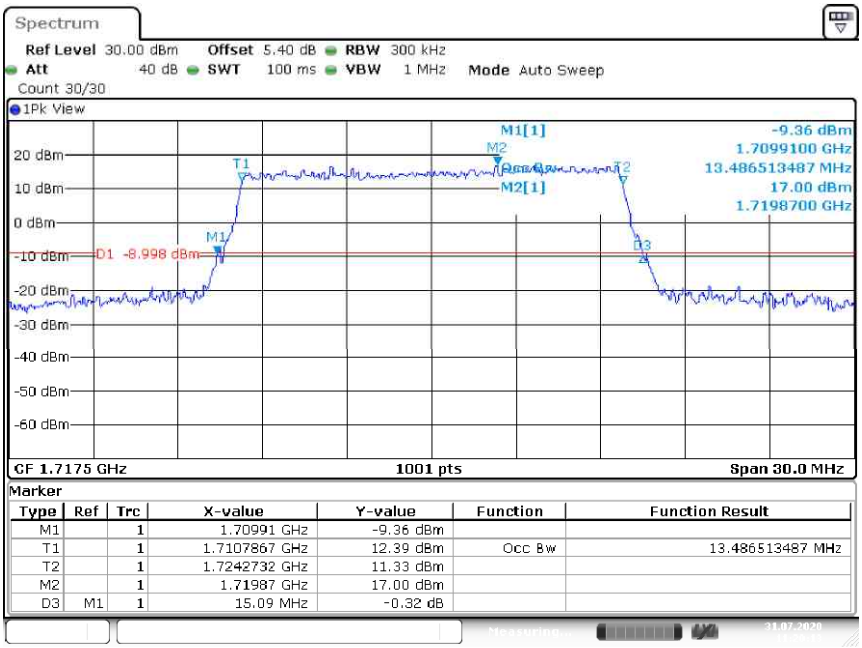
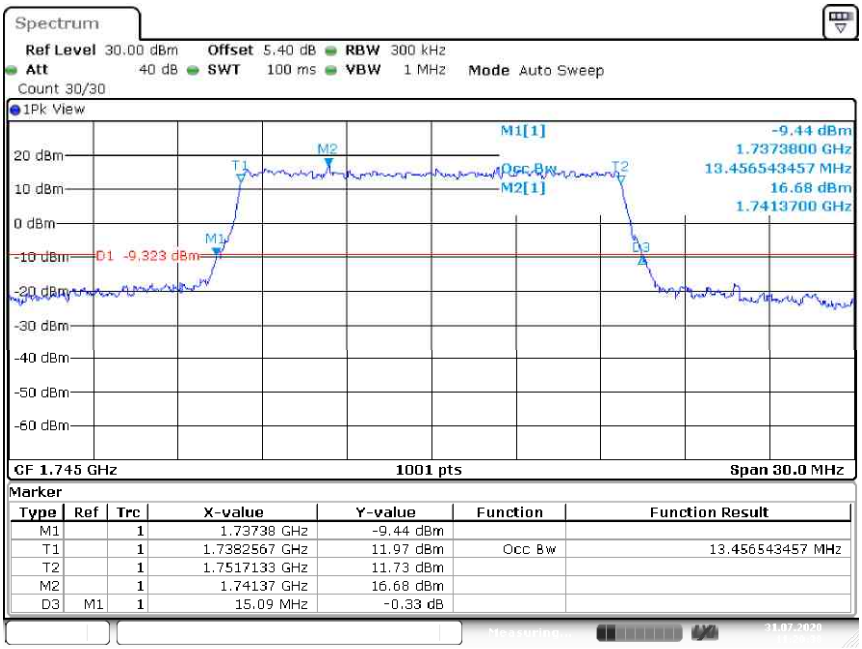
Band66-15MHz-16QAM-132047-75RB#0-13.487



Date: 31.JUL.2020 11:20:13

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



Date: 31.JUL.2020 11:20:39

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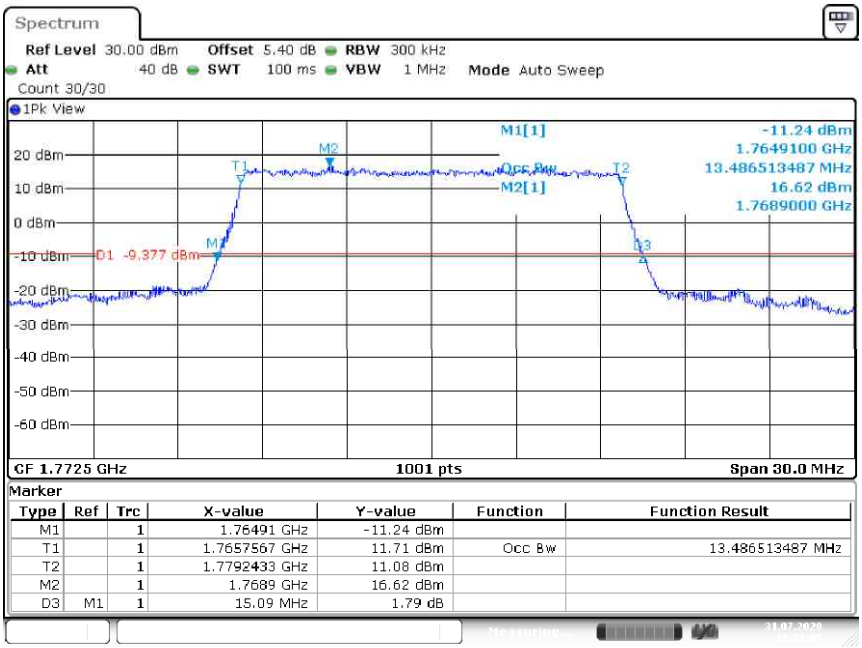
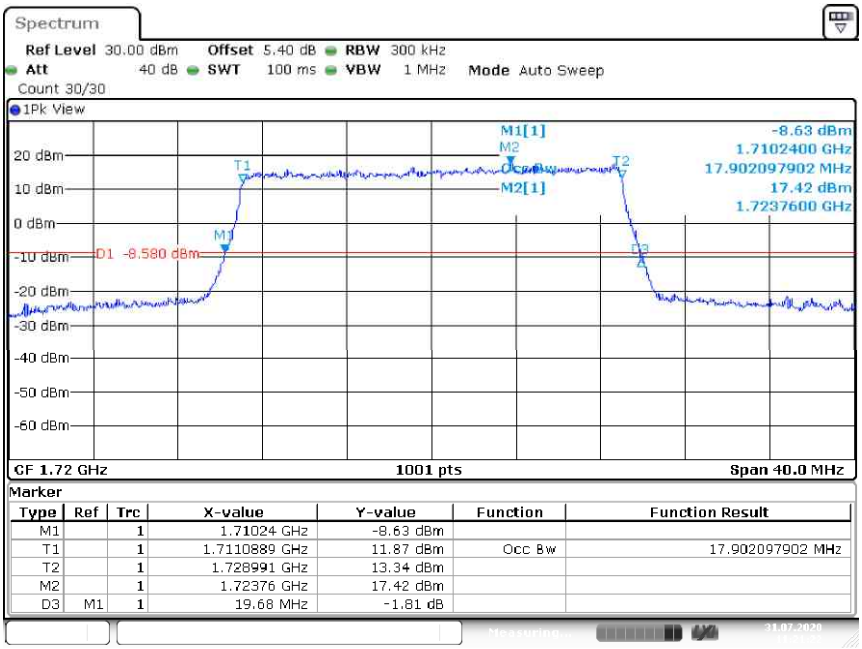
Band66-15MHz-16QAM-132597-75RB#0-13.487



Date: 31.JUL.2020 11:21:05

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



Date: 31.JUL.2020 11:21:22

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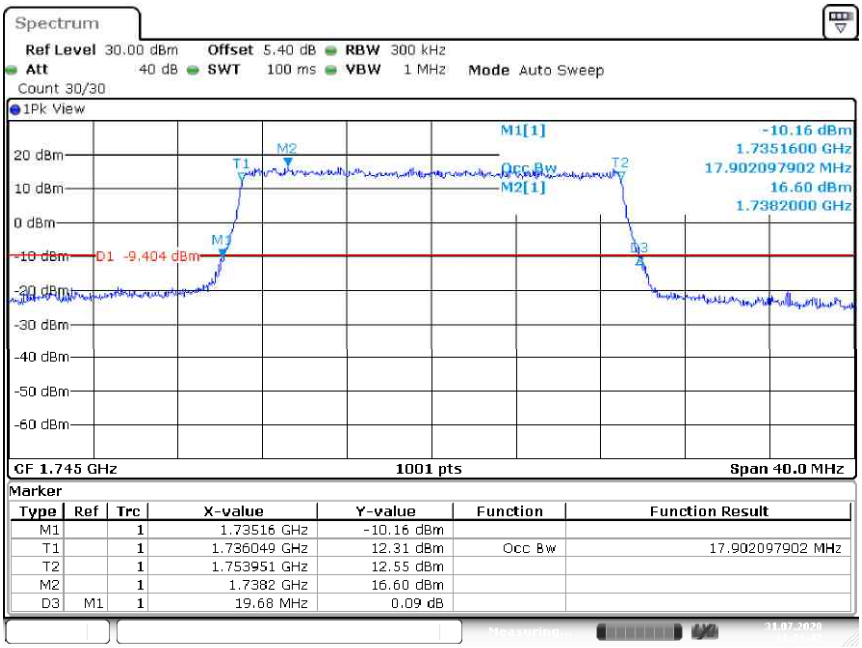
Band66-20MHz-QPSK-132322-100RB#0-17.902



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73516 GHz	-10.16 dBm		
T1		1	1.736049 GHz	12.31 dBm	Occ Bw	17.902097902 MHz
T2		1	1.753951 GHz	12.55 dBm		
M2		1	1.7382 GHz	16.60 dBm		
D3	M1	1	19.68 MHz	0.09 dB		

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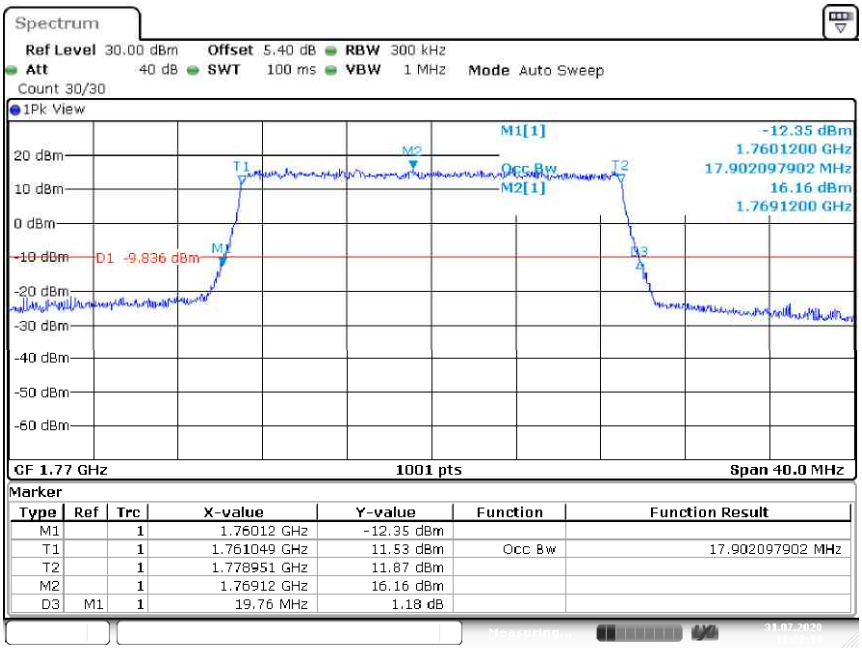
Band66-20MHz-QPSK-132572-100RB#0-17.902



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.76012 GHz	-12.35 dBm		
T1		1	1.761049 GHz	11.53 dBm	Occ Bw	17.902097902 MHz
T2		1	1.778951 GHz	11.87 dBm		
M2		1	1.76912 GHz	16.16 dBm		
D3	M1	1	19.76 MHz	1.18 dB		

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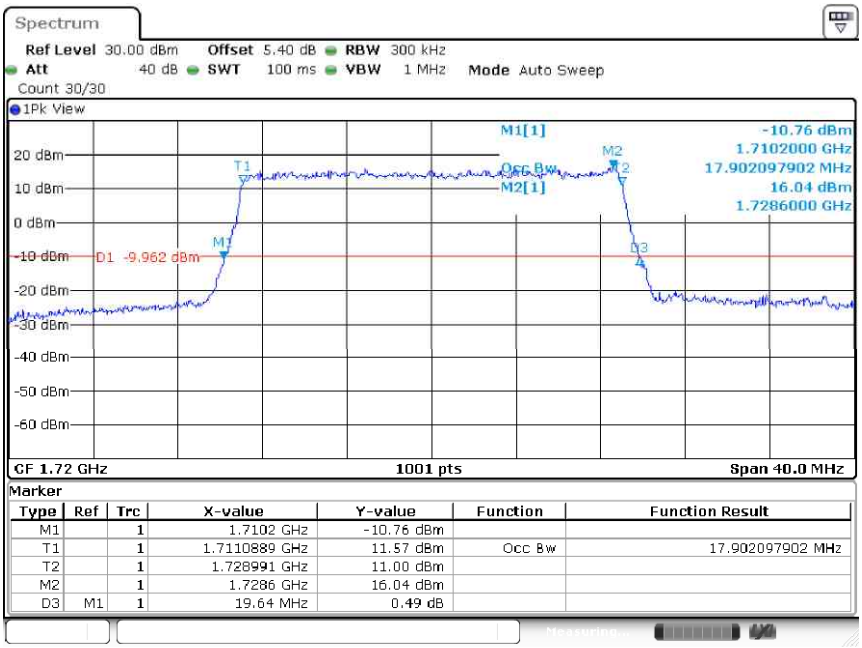
Band66-20MHz-64QAM-132072-100RB#0-17.902

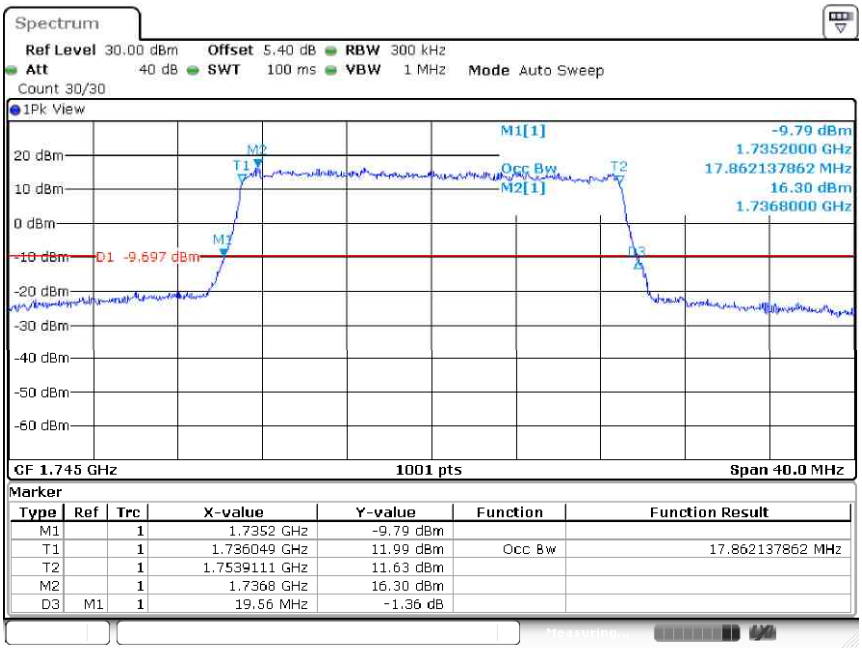


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7102 GHz	-10.76 dBm		
T1		1	1.7110889 GHz	11.57 dBm	Occ Bw	17.902097902 MHz
T2		1	1.728991 GHz	11.00 dBm		
M2		1	1.7286 GHz	16.04 dBm		
D3	M1	1	19.64 MHz	0.49 dB		

Date: 14.JUL.2020 08:51:35

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7352 GHz	-9.79 dBm		
T1		1	1.736049 GHz	11.99 dBm	Occ Bw	17.862137862 MHz
T2		1	1.7539111 GHz	11.63 dBm		
M2		1	1.7368 GHz	16.30 dBm		
D3	M1	1	19.56 MHz	-1.36 dB		

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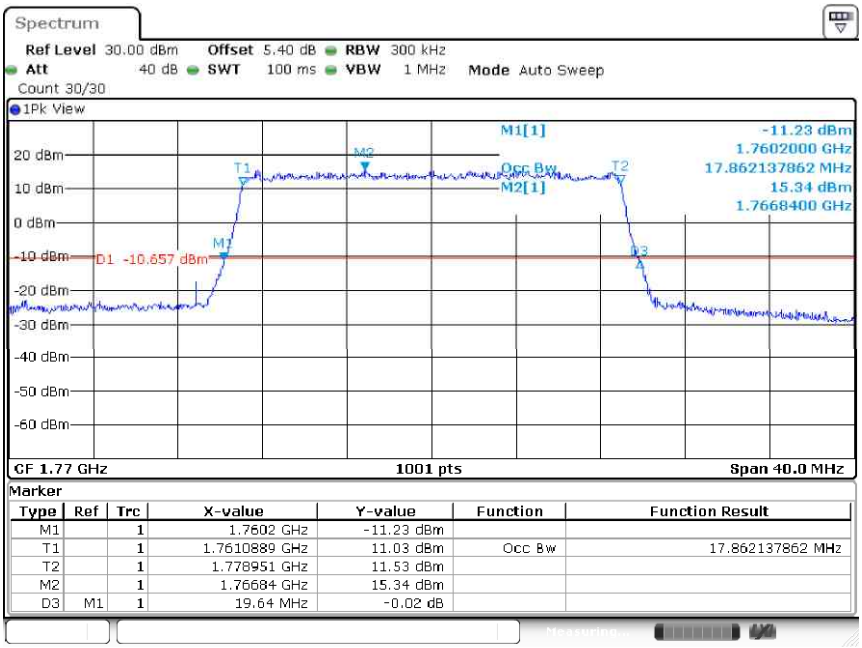
Band66-20MHz-64QAM-132572-100RB#0-17.862

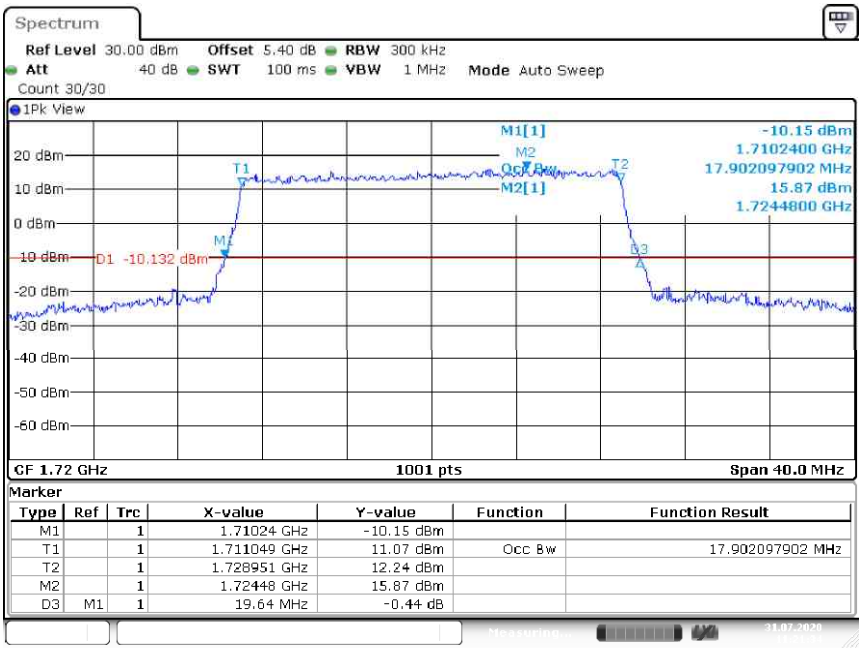


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7602 GHz	-11.23 dBm		
T1		1	1.7610889 GHz	11.03 dBm	Occ Bw	17.862137862 MHz
T2		1	1.778951 GHz	11.53 dBm		
M2		1	1.76684 GHz	15.34 dBm		
D3	M1	1	19.64 MHz	-0.02 dB		

Date: 14.JUL.2020 08:52:01

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71024 GHz	-10.15 dBm		
T1		1	1.711049 GHz	11.07 dBm	Occ Bw	17.902097902 MHz
T2		1	1.728951 GHz	12.24 dBm		
M2		1	1.72448 GHz	15.87 dBm		
D3	M1	1	19.64 MHz	-0.44 dB		

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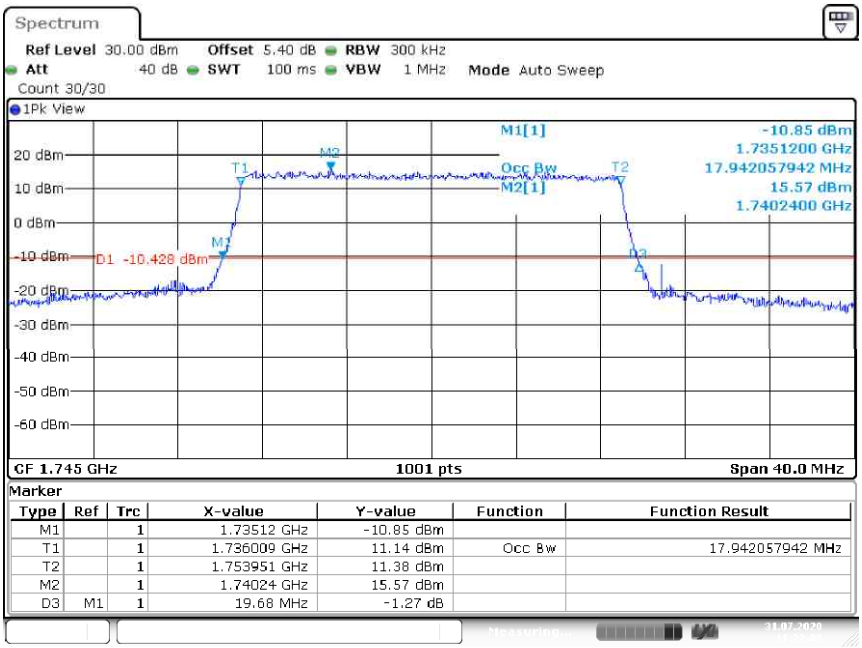
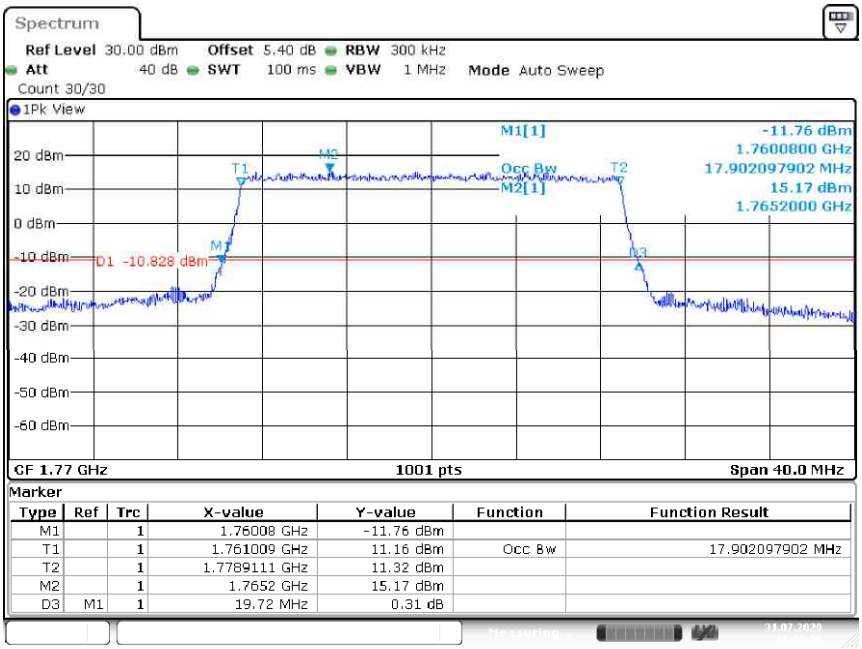
Band66-20MHz-16QAM-132322-100RB#0-17.942



Date: 31.JUL.2020 11:22:01

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	-19.79	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-26.46	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-19.48	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-25.77	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	-20.96	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	-28.58	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	-20.93	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	-29.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-20.24	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-26.89	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-19.88	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-27.59	PASS
Band66	3MHz	QPSK	131987	1RB#0	-16.63	PASS
Band66	3MHz	QPSK	131987	15RB#0	-28.35	PASS
Band66	3MHz	QPSK	132657	1RB#14	-16.97	PASS
Band66	3MHz	QPSK	132657	15RB#0	-27.94	PASS
Band66	3MHz	64QAM	131987	1RB#0	-18.30	PASS
Band66	3MHz	64QAM	131987	15RB#0	-30.92	PASS
Band66	3MHz	64QAM	132657	1RB#14	-18.87	PASS
Band66	3MHz	64QAM	132657	15RB#0	-31.07	PASS
Band66	3MHz	16QAM	131987	1RB#0	-17.10	PASS
Band66	3MHz	16QAM	131987	15RB#0	-29.80	PASS
Band66	3MHz	16QAM	132657	1RB#14	-18.21	PASS
Band66	3MHz	16QAM	132657	15RB#0	-29.53	PASS
Band66	5MHz	QPSK	131997	1RB#0	-12.19	PASS
Band66	5MHz	QPSK	131997	25RB#0	-25.18	PASS
Band66	5MHz	QPSK	132647	1RB#24	-13.12	PASS
Band66	5MHz	QPSK	132647	25RB#0	-26.33	PASS
Band66	5MHz	64QAM	131997	1RB#0	-13.27	PASS
Band66	5MHz	64QAM	131997	25RB#0	-26.86	PASS
Band66	5MHz	64QAM	132647	1RB#24	-13.70	PASS
Band66	5MHz	64QAM	132647	25RB#0	-27.71	PASS

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Band66	5MHz	16QAM	131997	1RB#0	-13.18	PASS
Band66	5MHz	16QAM	131997	25RB#0	-26.04	PASS
Band66	5MHz	16QAM	132647	1RB#24	-13.29	PASS
Band66	5MHz	16QAM	132647	25RB#0	-26.84	PASS
Band66	10MHz	QPSK	132022	1RB#0	-14.72	PASS
Band66	10MHz	QPSK	132022	50RB#0	-29.25	PASS
Band66	10MHz	QPSK	132622	1RB#49	-15.95	PASS
Band66	10MHz	QPSK	132622	50RB#0	-30.02	PASS
Band66	10MHz	64QAM	132022	1RB#0	-15.67	PASS
Band66	10MHz	64QAM	132022	50RB#0	-30.14	PASS
Band66	10MHz	64QAM	132622	1RB#49	-16.98	PASS
Band66	10MHz	64QAM	132622	50RB#0	-31.13	PASS
Band66	10MHz	16QAM	132022	1RB#0	-14.87	PASS
Band66	10MHz	16QAM	132022	50RB#0	-30.07	PASS
Band66	10MHz	16QAM	132622	1RB#49	-17.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	-31.12	PASS
Band66	15MHz	QPSK	132047	1RB#0	-15.11	PASS
Band66	15MHz	QPSK	132047	75RB#0	-29.52	PASS
Band66	15MHz	QPSK	132597	1RB#74	-16.10	PASS
Band66	15MHz	QPSK	132597	75RB#0	-30.75	PASS
Band66	15MHz	64QAM	132047	1RB#0	-15.84	PASS
Band66	15MHz	64QAM	132047	75RB#0	-30.95	PASS
Band66	15MHz	64QAM	132597	1RB#74	-16.88	PASS
Band66	15MHz	64QAM	132597	75RB#0	-31.62	PASS
Band66	15MHz	16QAM	132047	1RB#0	-16.24	PASS
Band66	15MHz	16QAM	132047	75RB#0	-30.33	PASS
Band66	15MHz	16QAM	132597	1RB#74	-15.84	PASS
Band66	15MHz	16QAM	132597	75RB#0	-31.46	PASS
Band66	20MHz	QPSK	132072	1RB#0	-16.69	PASS
Band66	20MHz	QPSK	132072	100RB#0	-30.31	PASS
Band66	20MHz	QPSK	132572	1RB#99	-17.85	PASS
Band66	20MHz	QPSK	132572	100RB#0	-31.84	PASS
Band66	20MHz	64QAM	132072	1RB#0	-17.35	PASS
Band66	20MHz	64QAM	132072	100RB#0	-31.61	PASS
Band66	20MHz	64QAM	132572	1RB#99	-19.01	PASS
Band66	20MHz	64QAM	132572	100RB#0	-32.80	PASS
Band66	20MHz	16QAM	132072	1RB#0	-16.91	PASS
Band66	20MHz	16QAM	132072	100RB#0	-30.98	PASS

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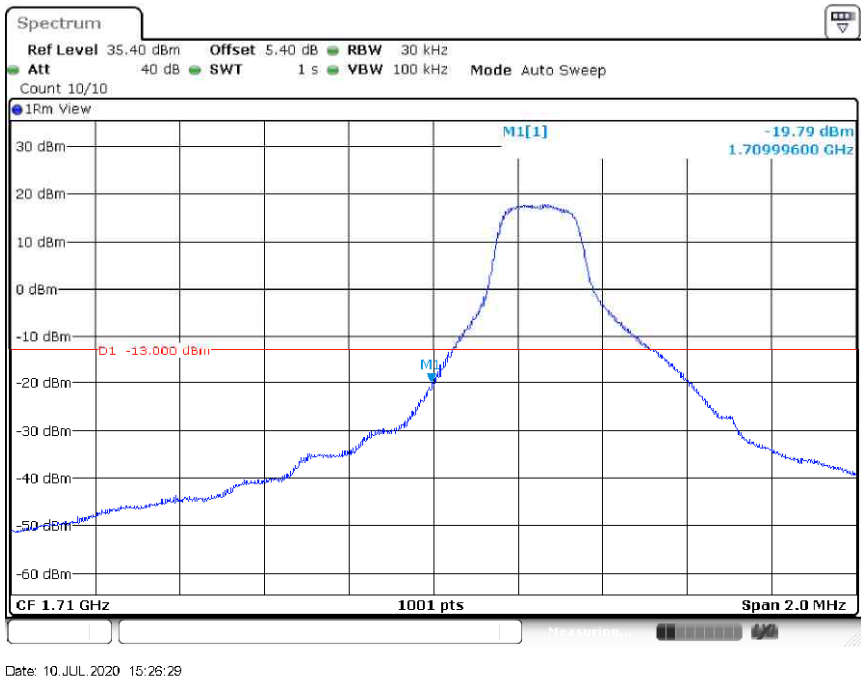
Band66	20MHz	16QAM	132572	1RB#99	-19.30	PASS
Band66	20MHz	16QAM	132572	100RB#0	-32.54	PASS

5.2. Test Plots

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



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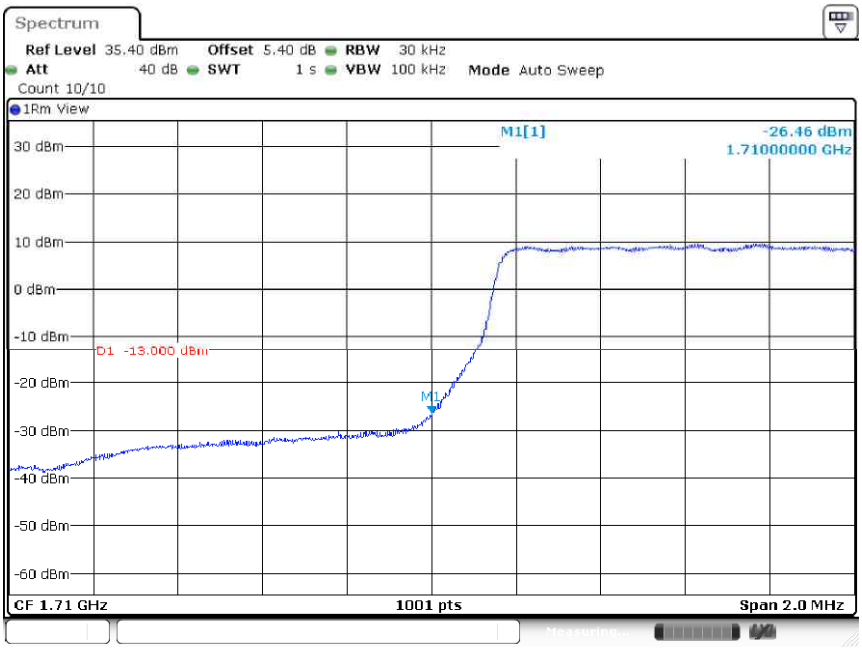
Band66-1.4MHz-QPSK-131979-6RB#0



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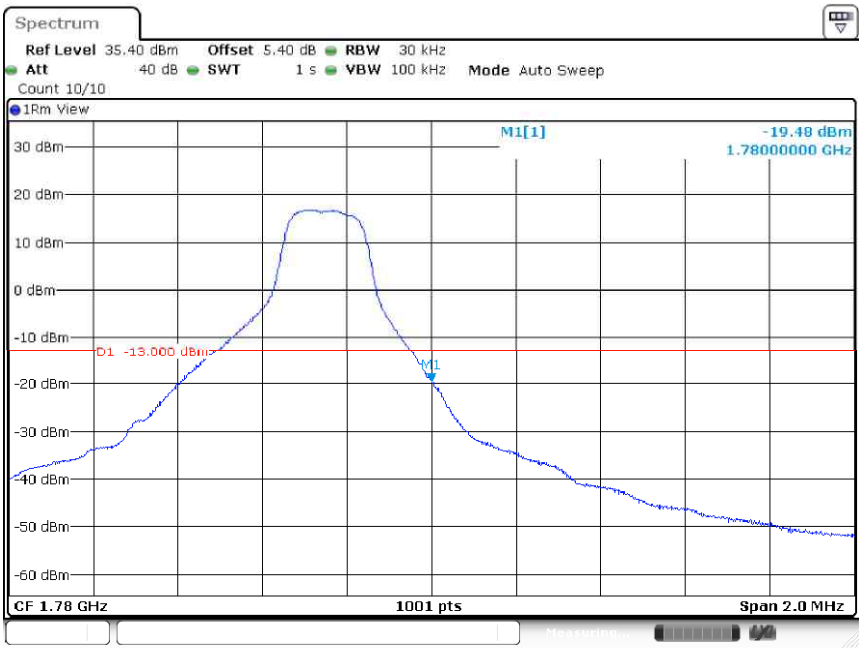
Band66-1.4MHz-QPSK-132665-1RB#5



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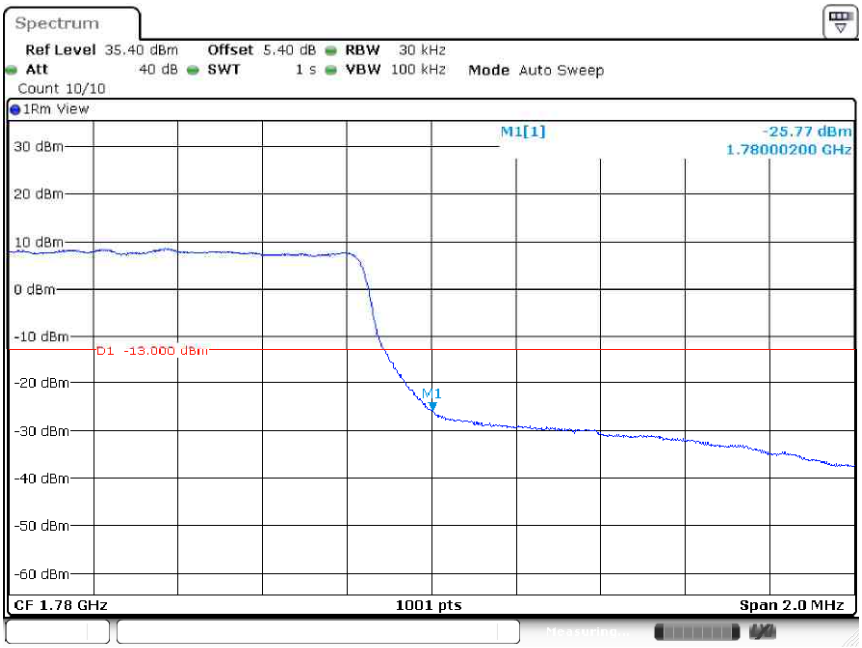
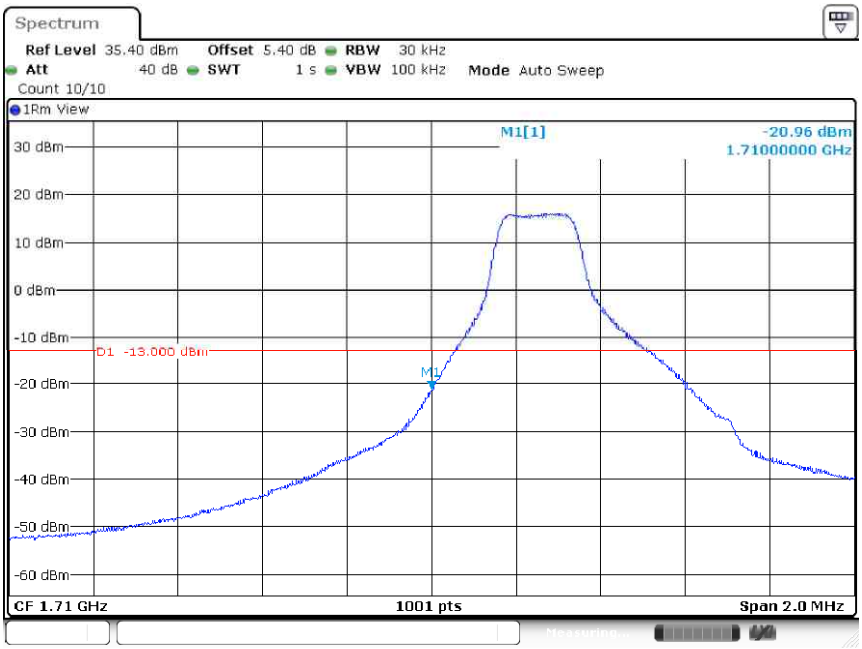
Band66-1.4MHz-QPSK-132665-6RB#0



Date: 10.JUL.2020 15:28:36

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



Date: 14.JUL.2020 08:52:27

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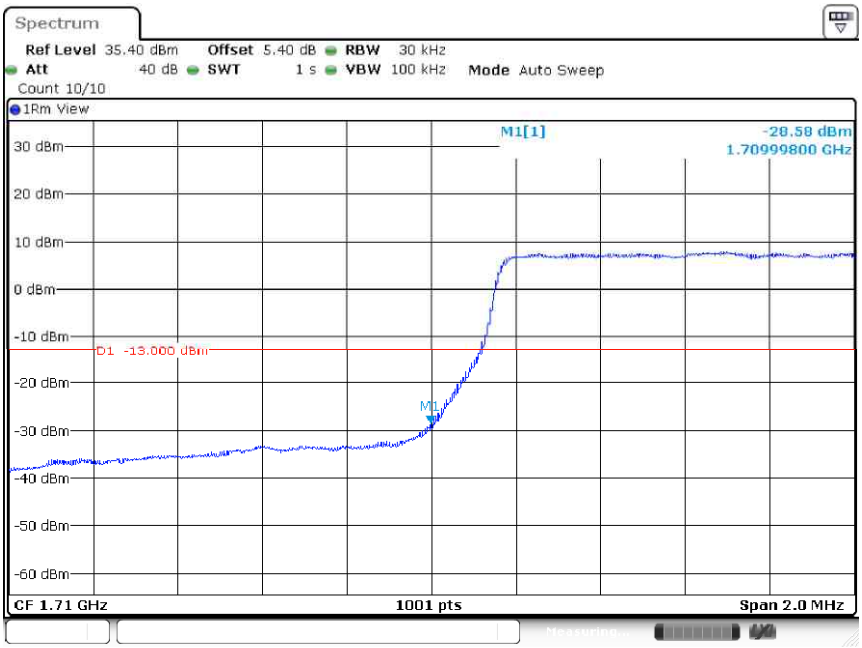
Band66-1.4MHz-64QAM-131979-6RB#0



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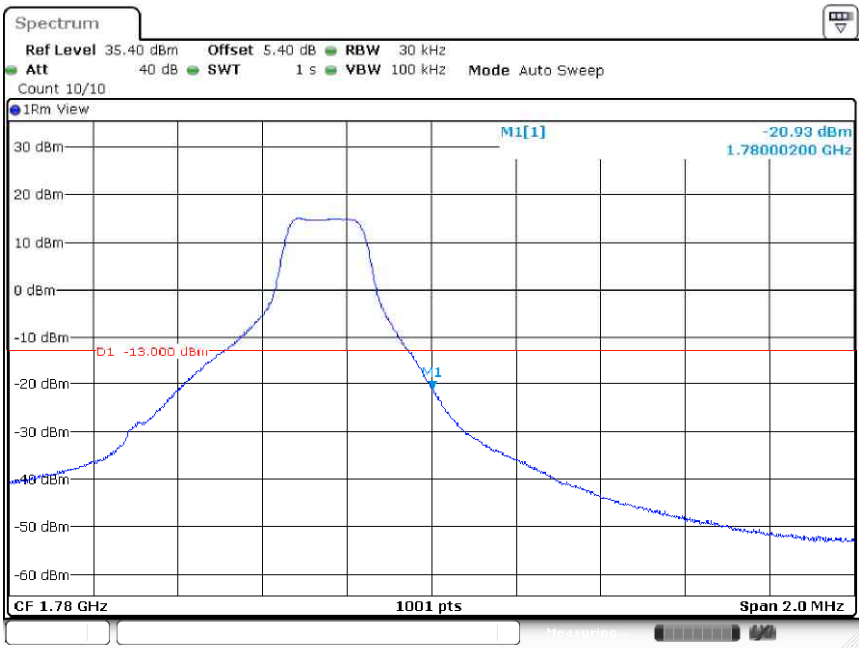
Band66-1.4MHz-64QAM-132665-1RB#5



Date: 14.JUL.2020 08:53:13

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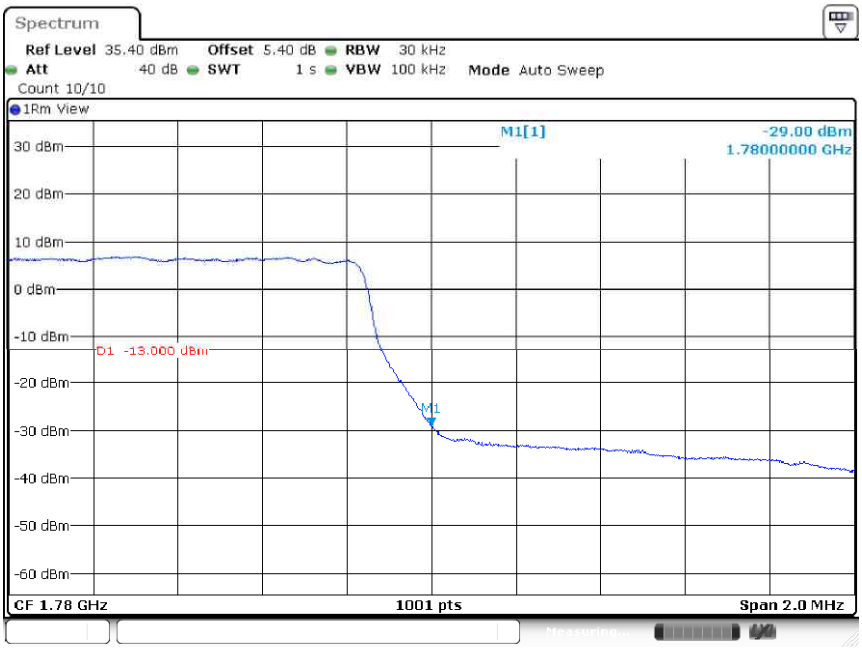
Band66-1.4MHz-64QAM-132665-6RB#0



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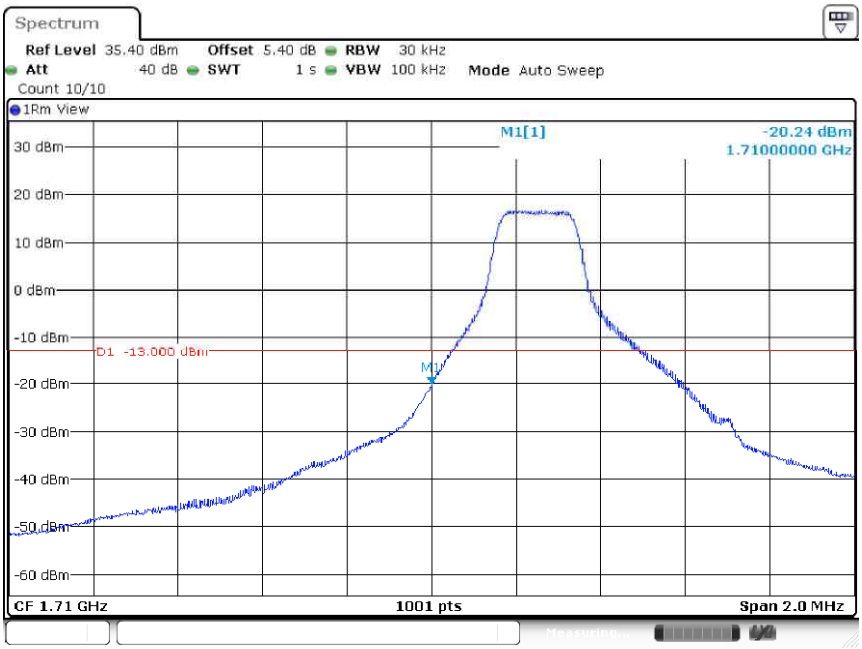
Band66-1.4MHz-16QAM-131979-1RB#0



Date: 10.JUL.2020 15:26:49

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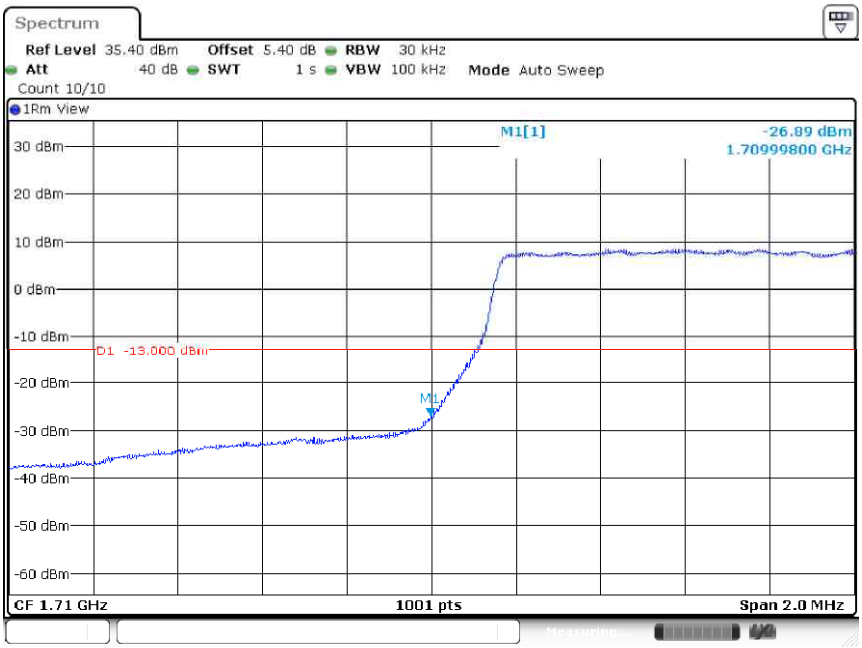

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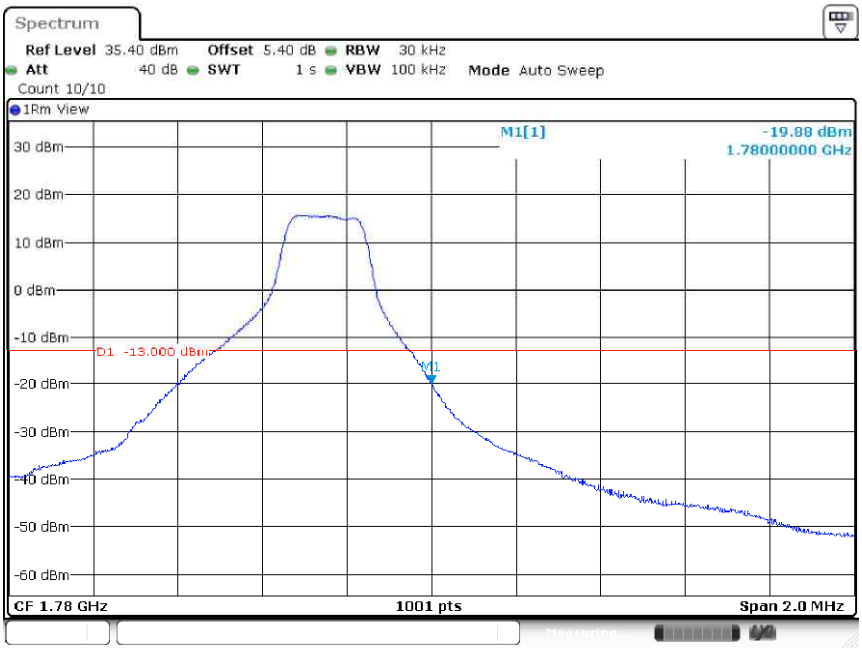
Band66-1.4MHz-16QAM-132665-1RB#5



Date: 10.JUL.2020 15:28:15

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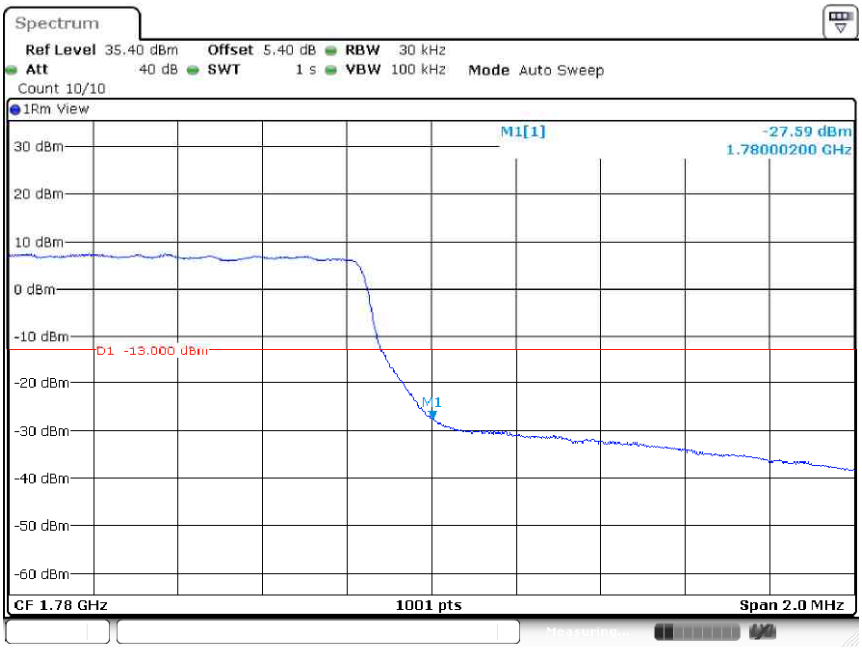
Band66-1.4MHz-16QAM-132665-6RB#0



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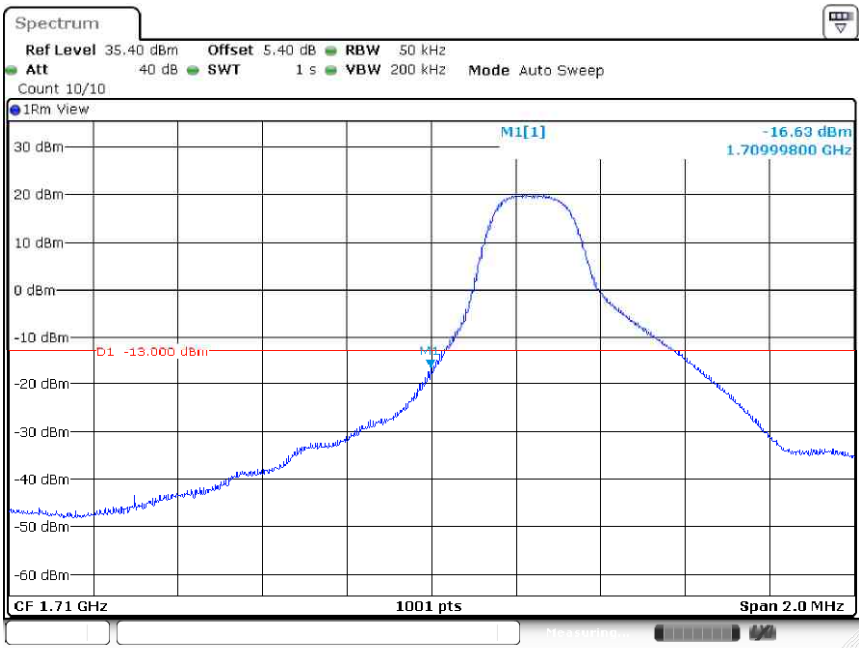
Band66-3MHz-QPSK-131987-1RB#0



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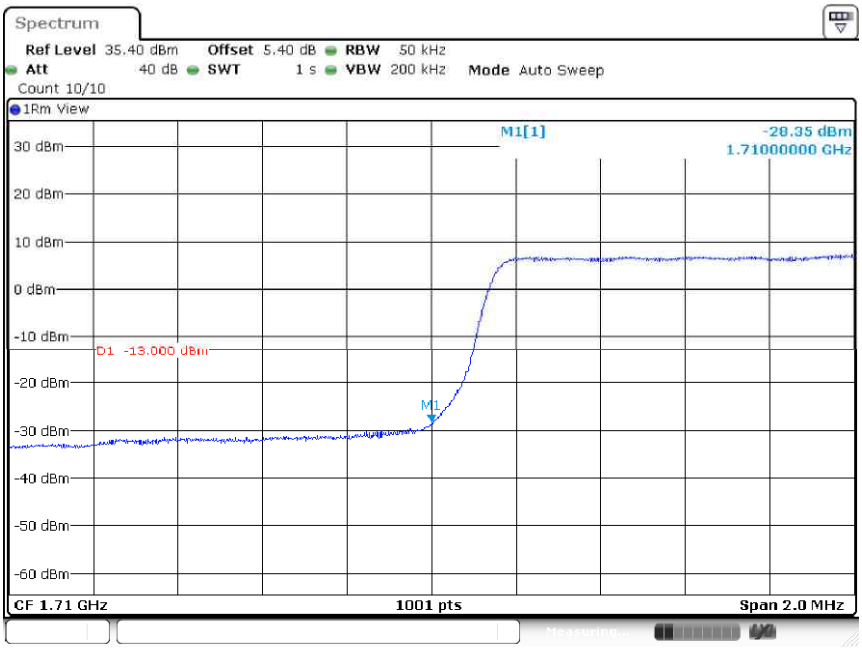
Band66-3MHz-QPSK-131987-15RB#0



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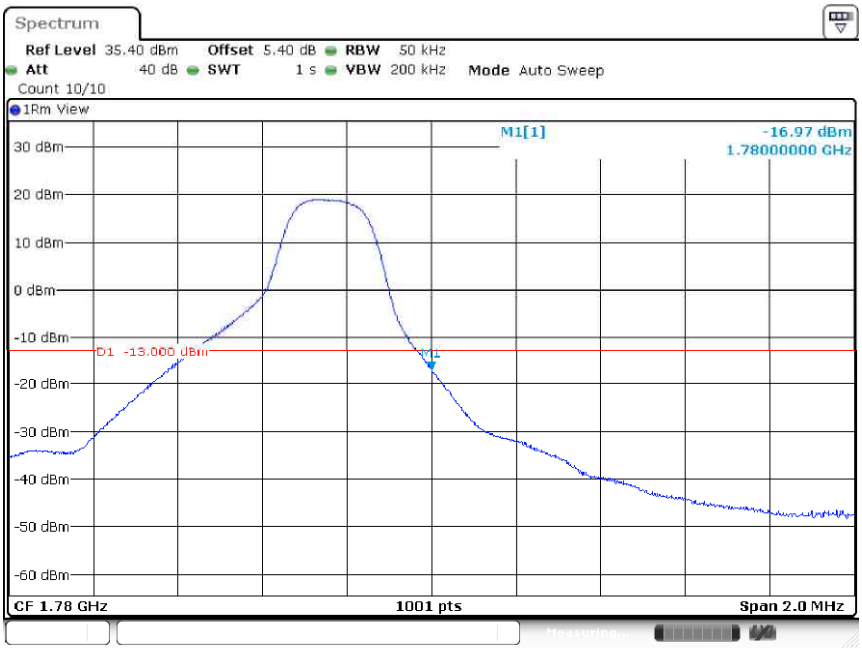

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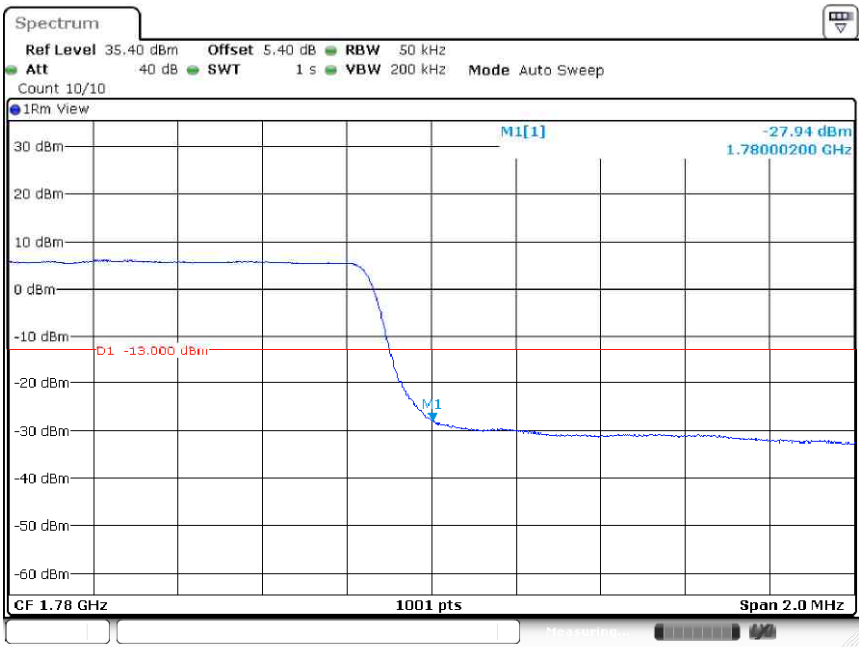
Band66-3MHz-QPSK-132657-15RB#0



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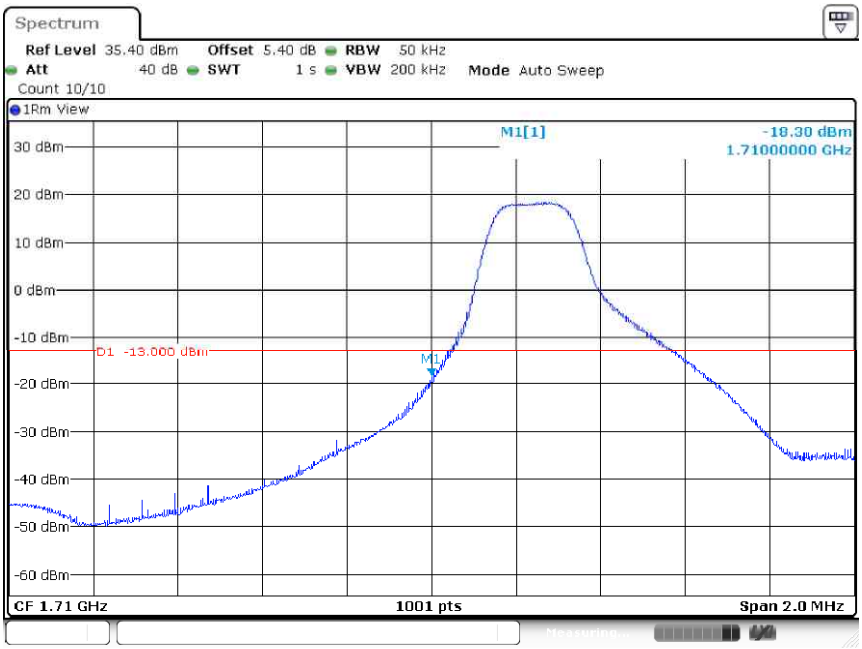
Band66-3MHz-64QAM-131987-1RB#0



Date: 14.JUL.2020 08:53:59

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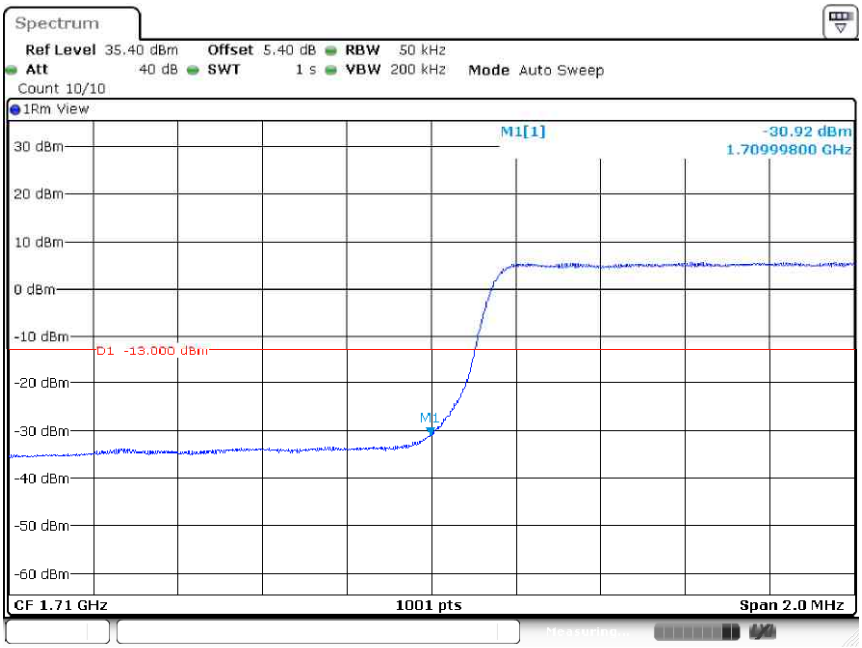
Band66-3MHz-64QAM-131987-15RB#0



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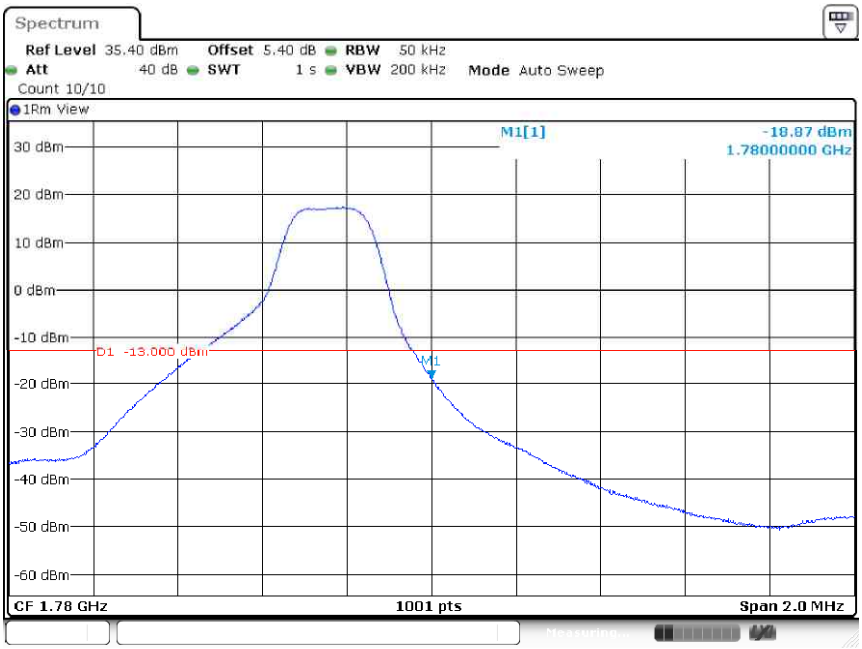
Band66-3MHz-64QAM-132657-1RB#14



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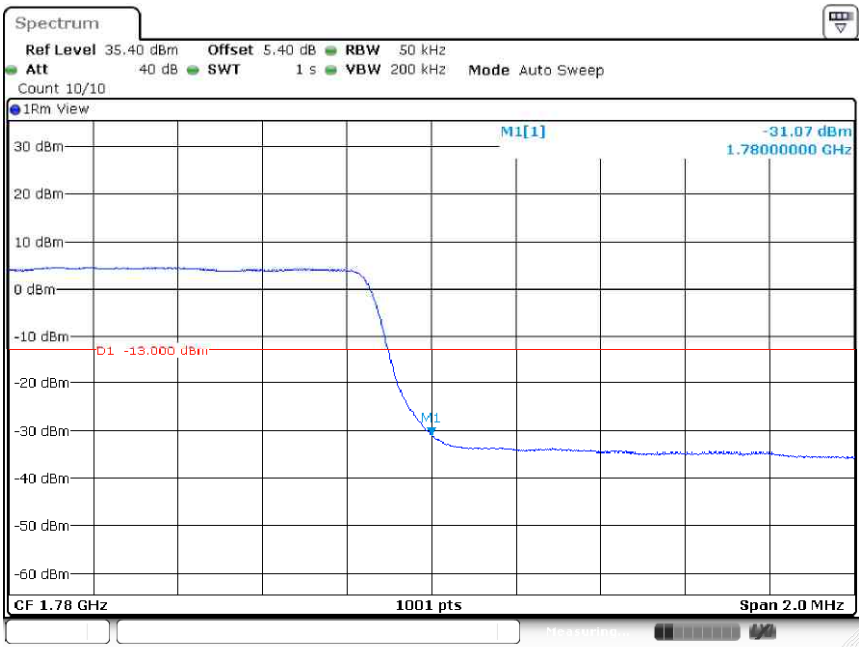
Band66-3MHz-64QAM-132657-15RB#0



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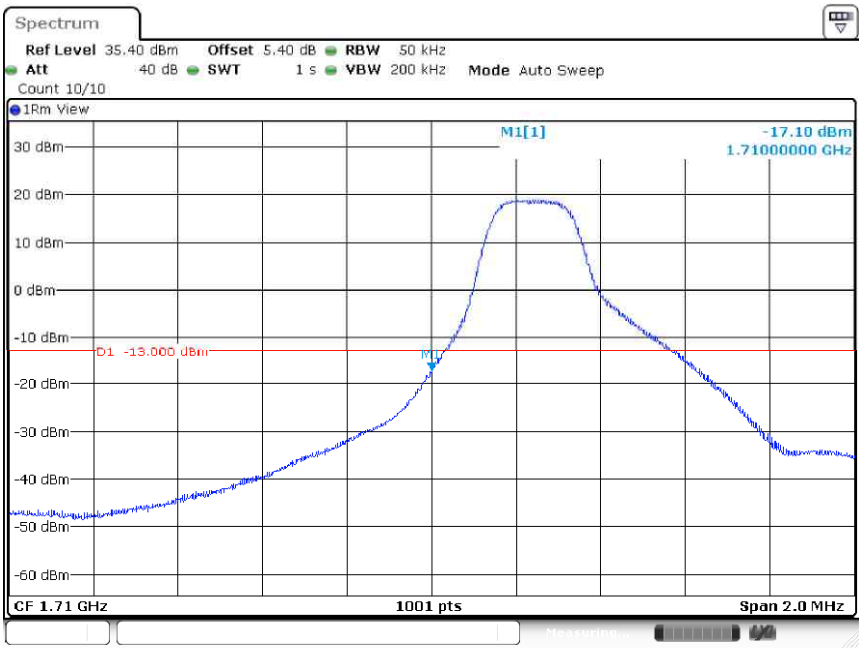

Date: 10.JUL.2020 15:29:43

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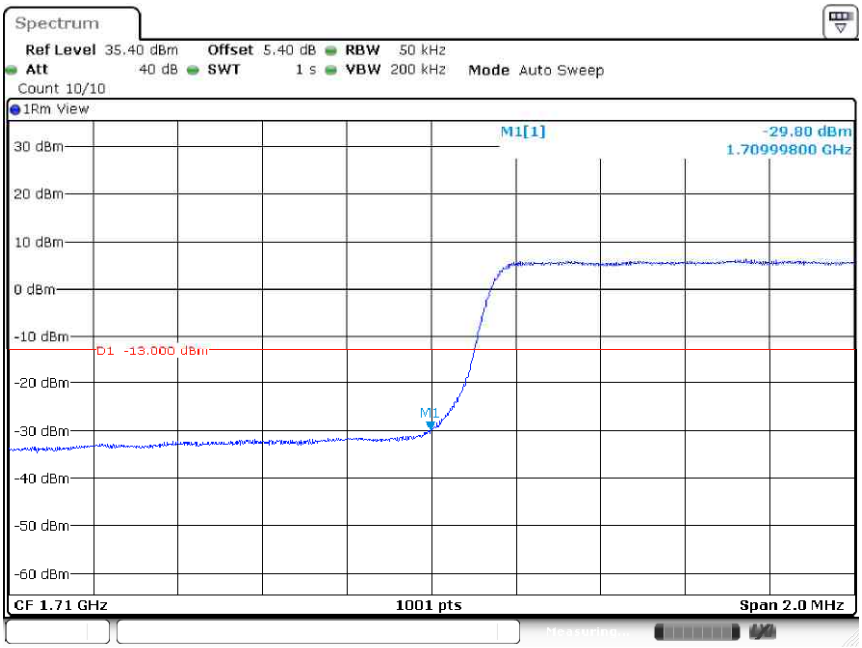
Band66-3MHz-16QAM-131987-15RB#0



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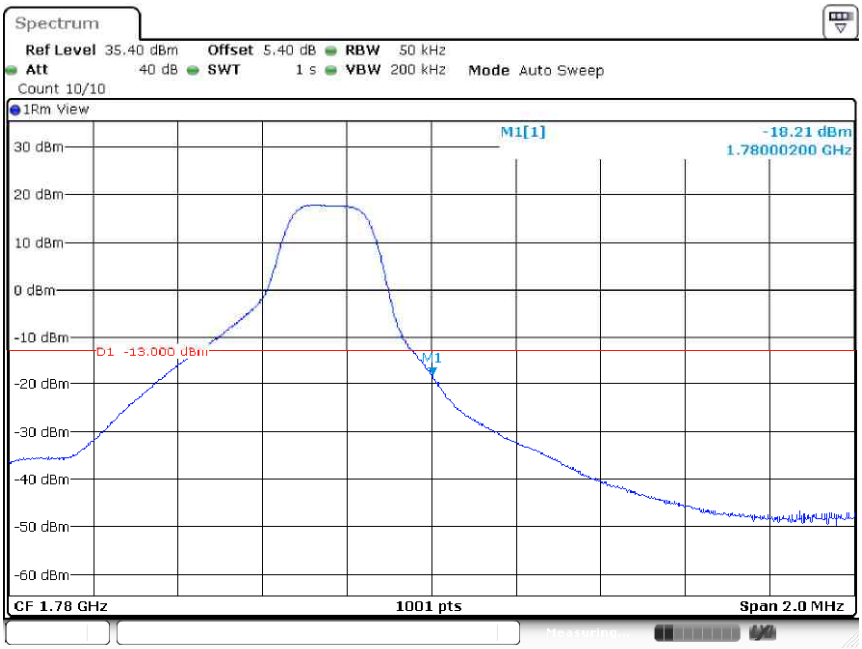
Band66-3MHz-16QAM-132657-1RB#14



Date: 10.JUL.2020 15:31:09

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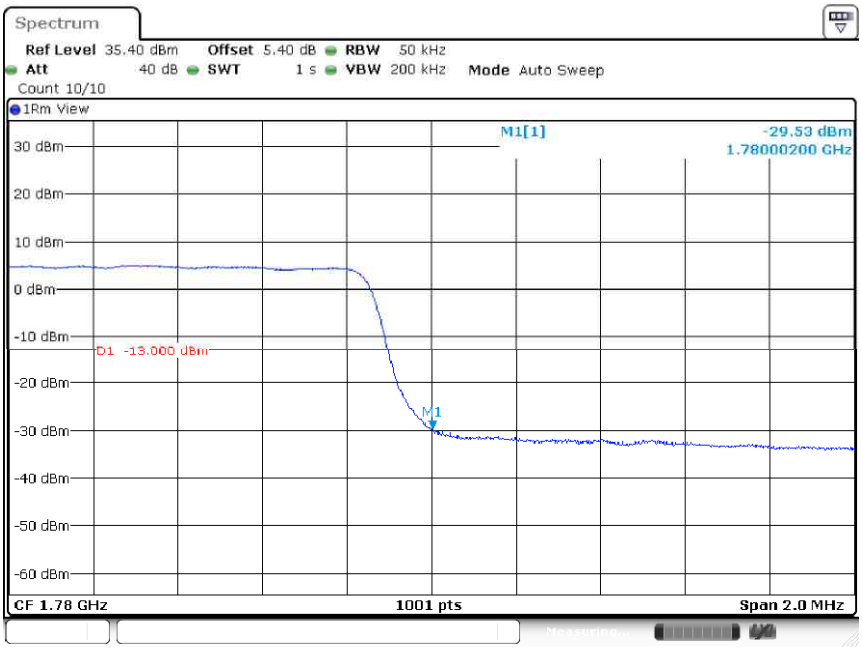
Band66-3MHz-16QAM-132657-15RB#0



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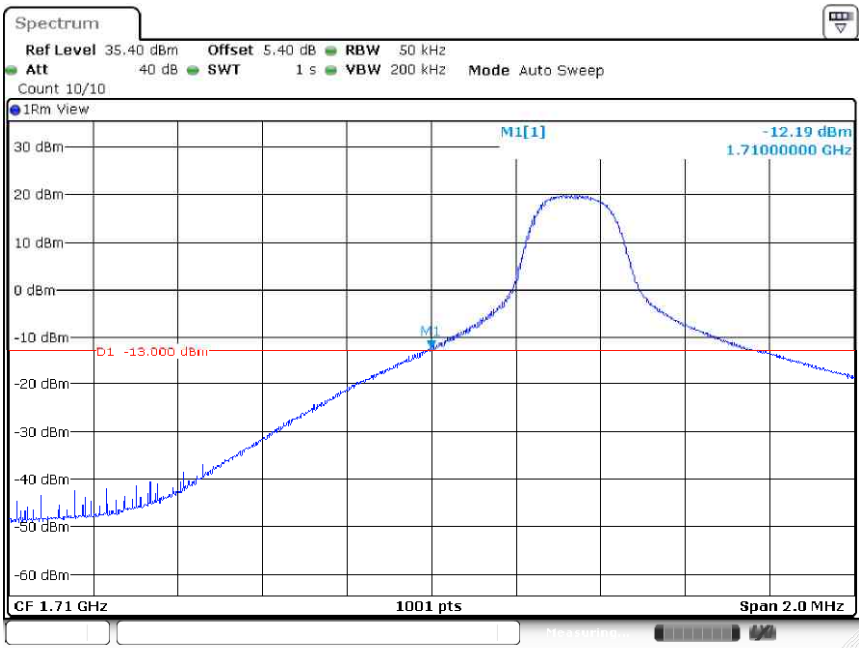
Band66-5MHz-QPSK-131997-1RB#0



Date: 10.JUL.2020 15:32:16

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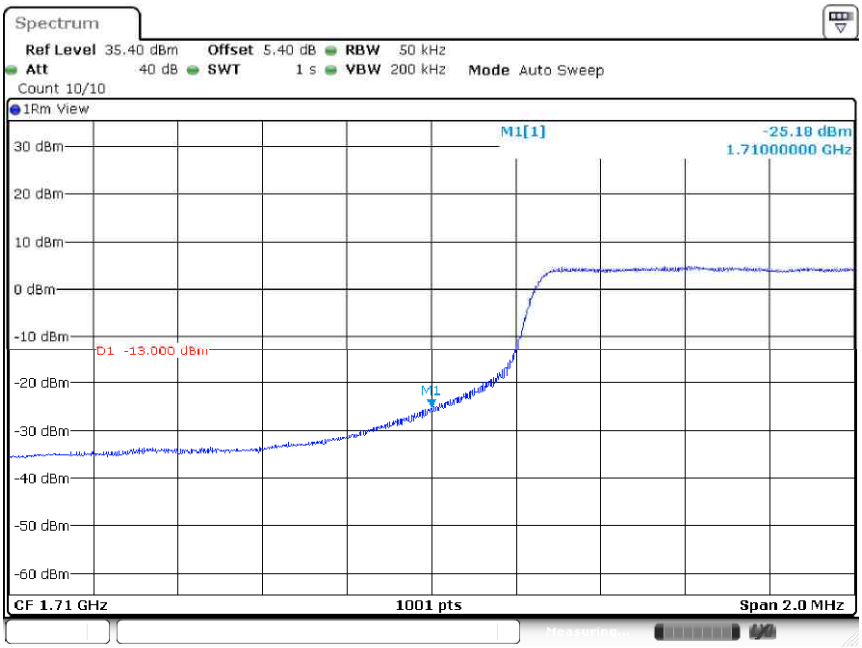
Band66-5MHz-QPSK-131997-25RB#0



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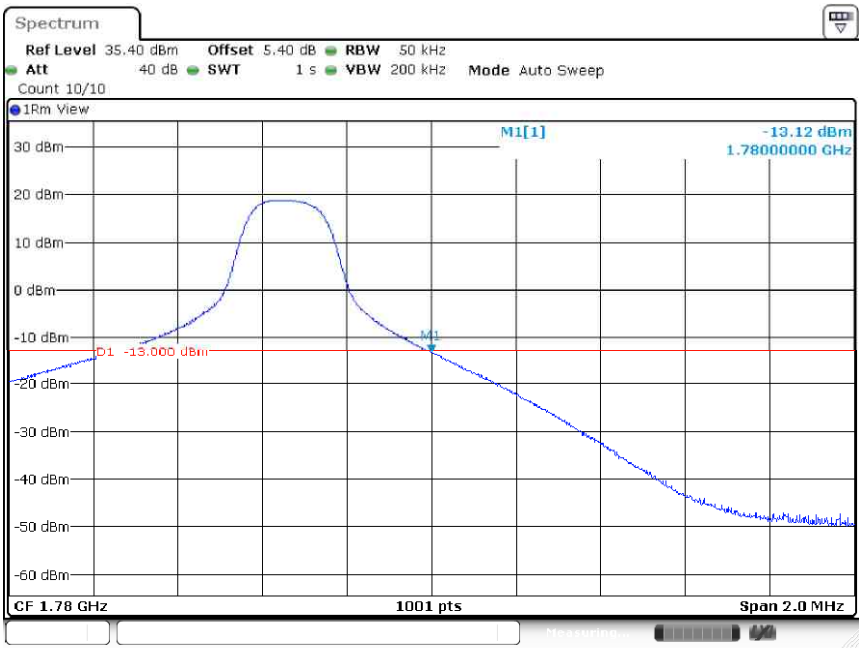
Band66-5MHz-QPSK-132647-1RB#24



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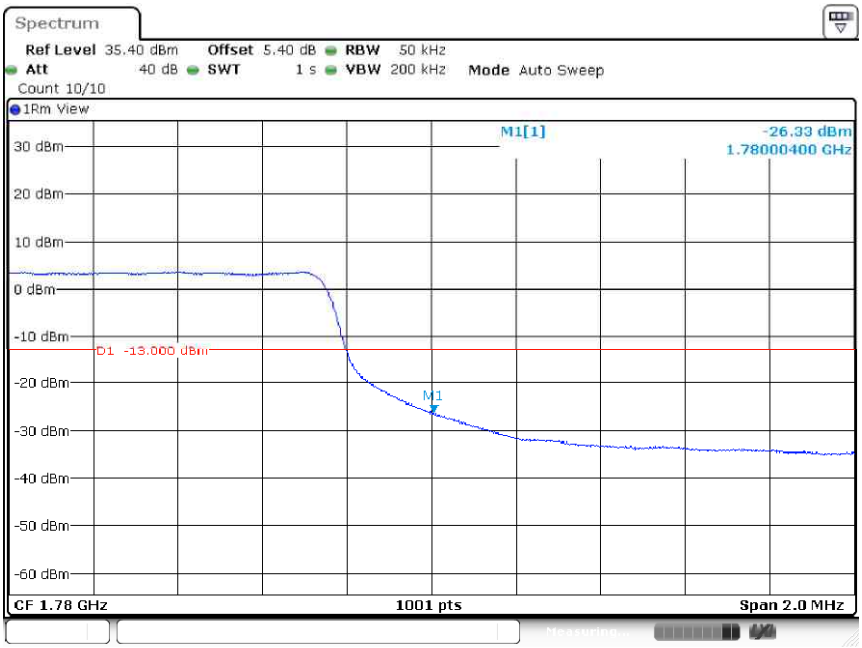
Band66-5MHz-QPSK-132647-25RB#0



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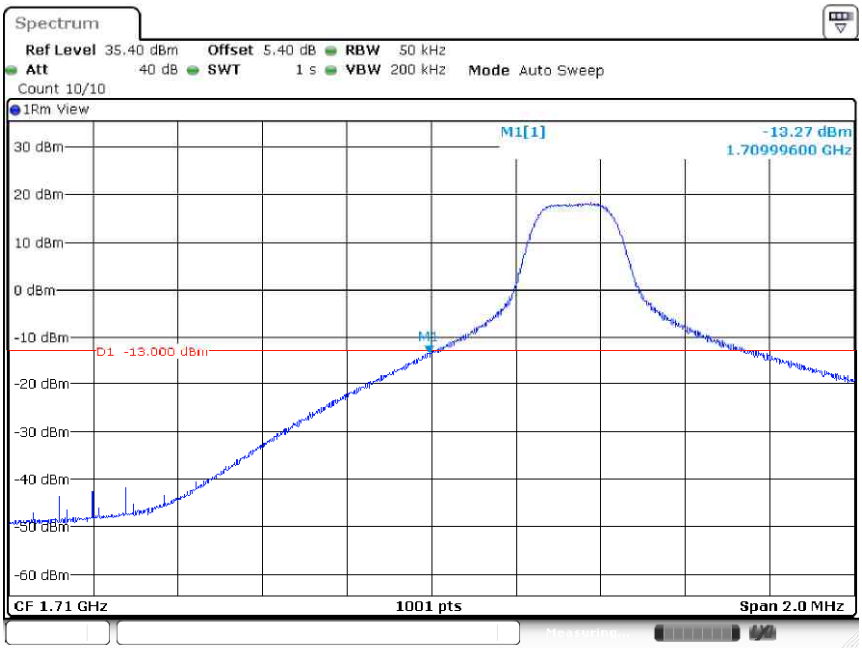
Band66-5MHz-64QAM-131997-1RB#0



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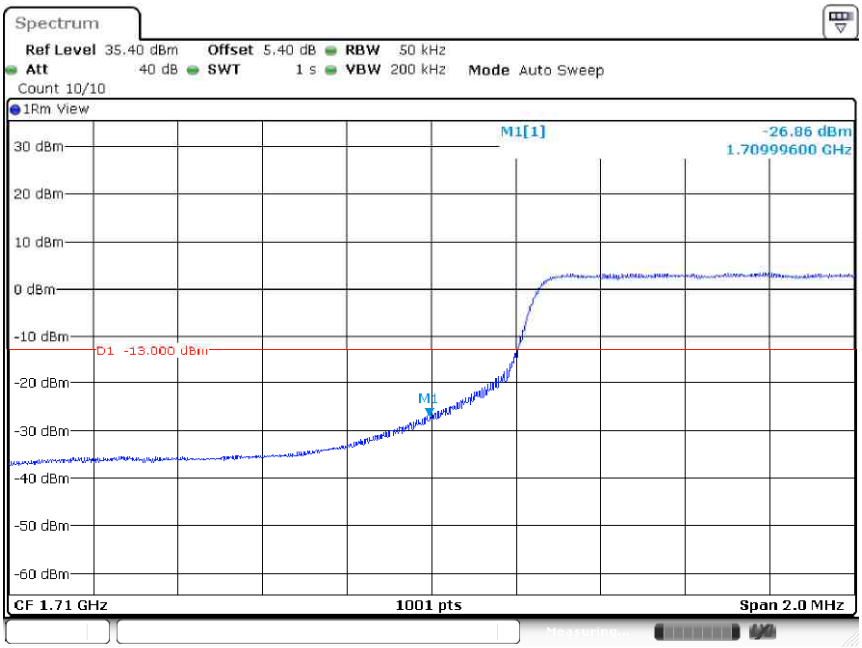
Band66-5MHz-64QAM-131997-25RB#0



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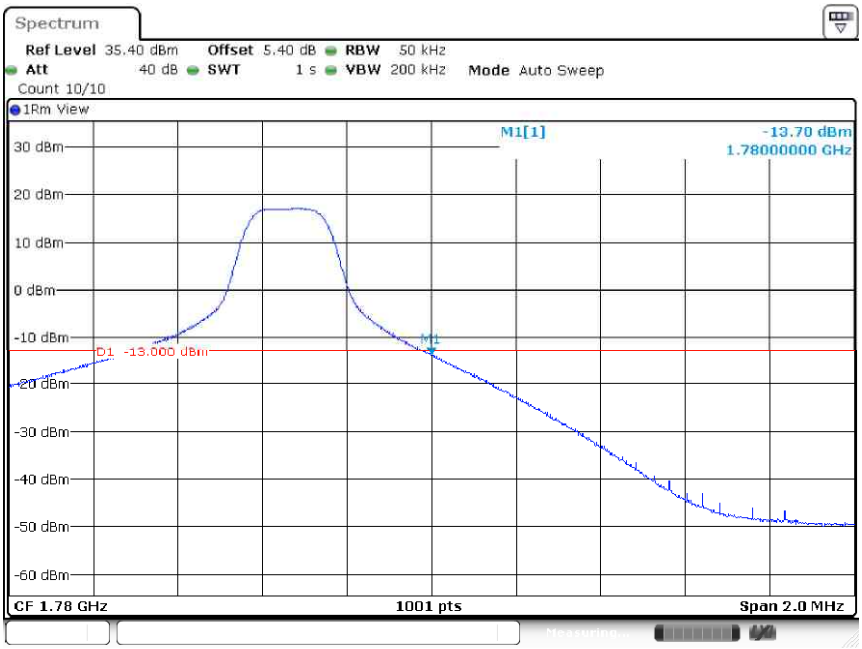
Band66-5MHz-64QAM-132647-1RB#24



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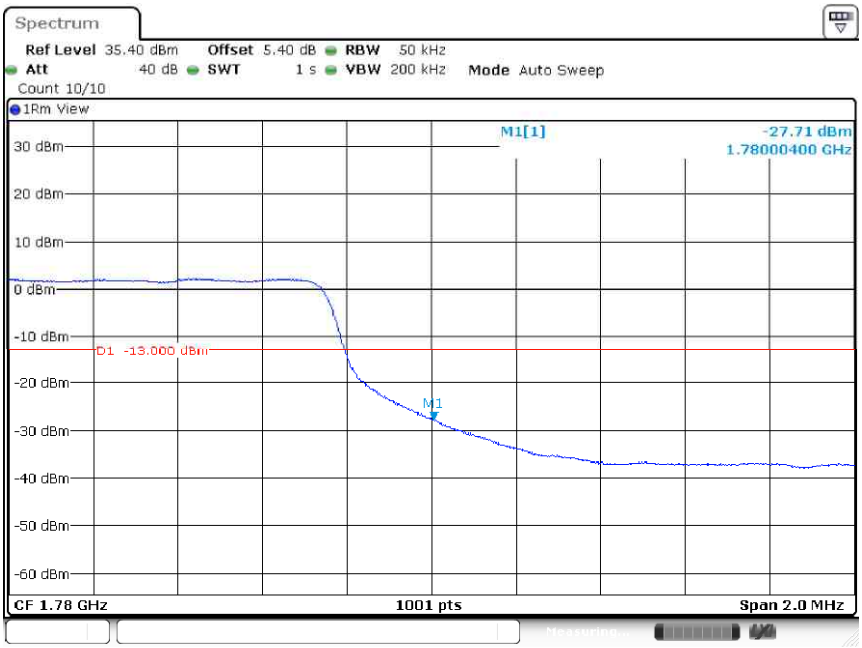
Band66-5MHz-64QAM-132647-25RB#0



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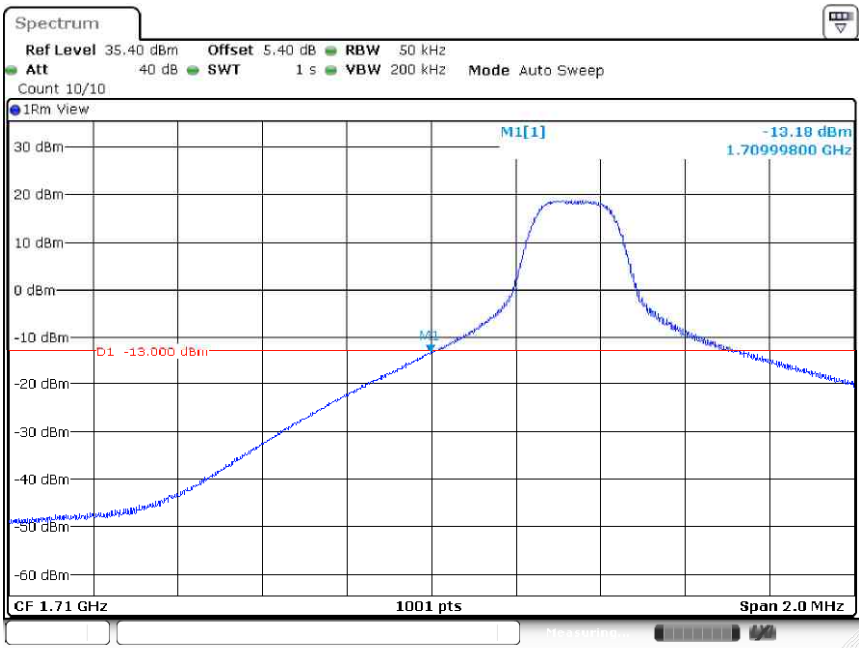

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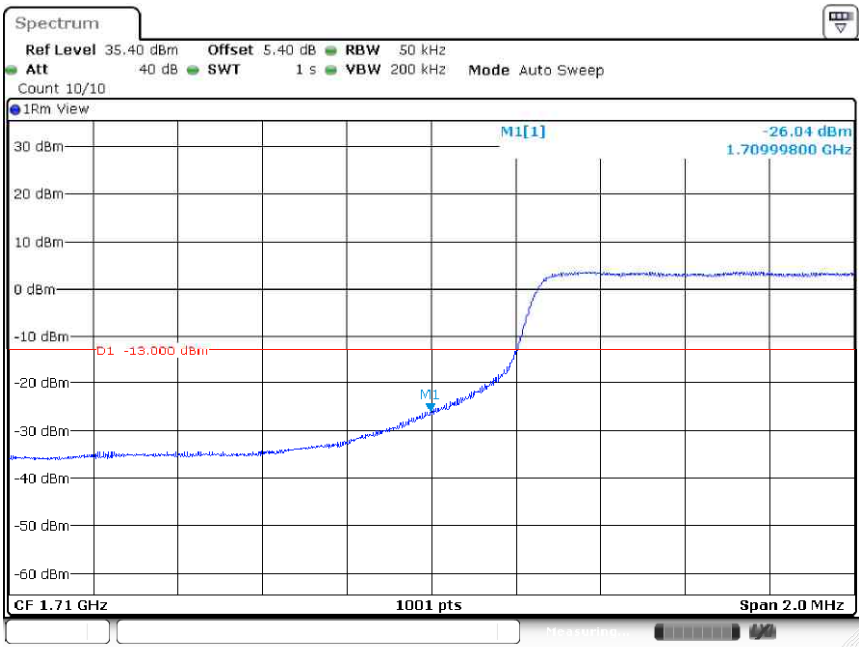
Band66-5MHz-16QAM-131997-25RB#0



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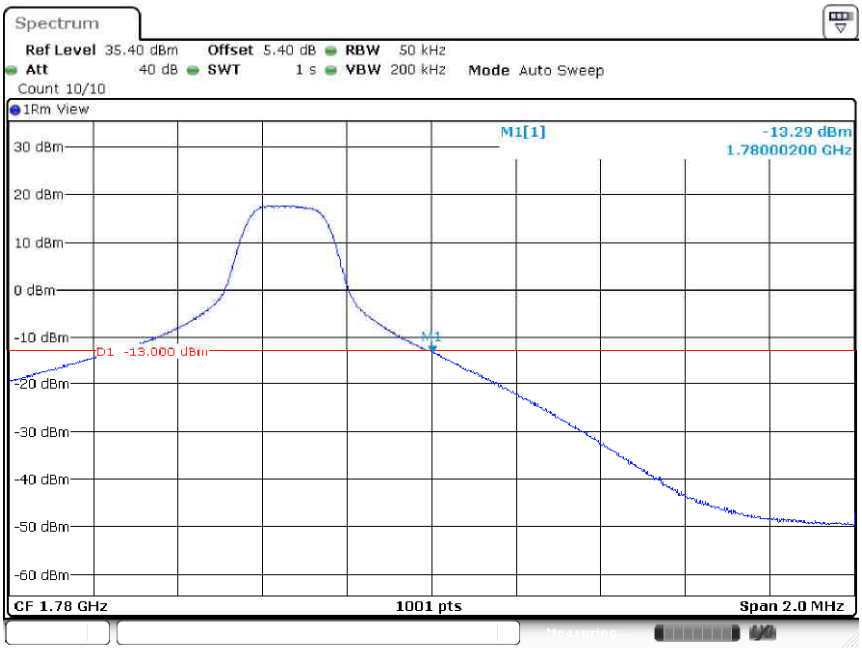
Band66-5MHz-16QAM-132647-1RB#24



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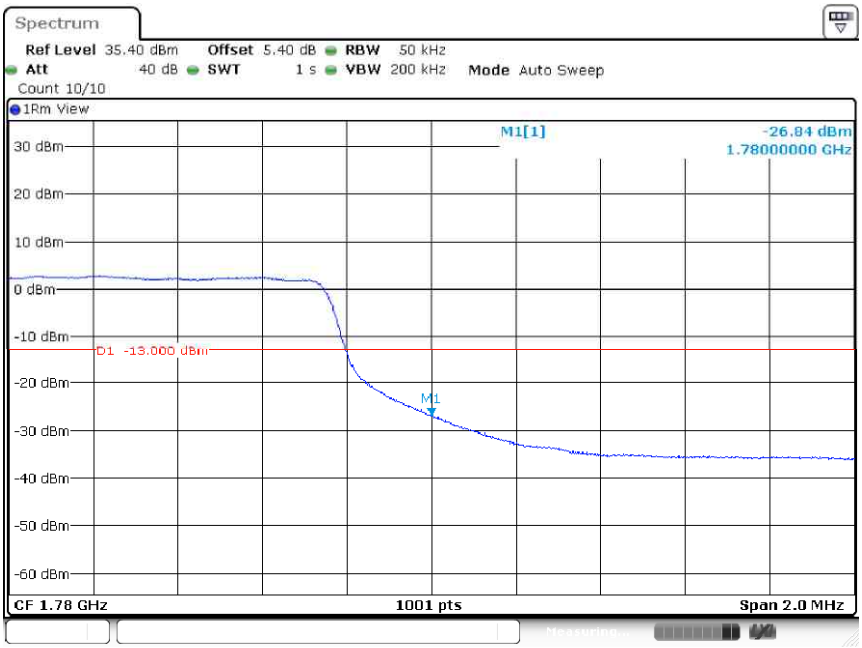
Band66-5MHz-16QAM-132647-25RB#0



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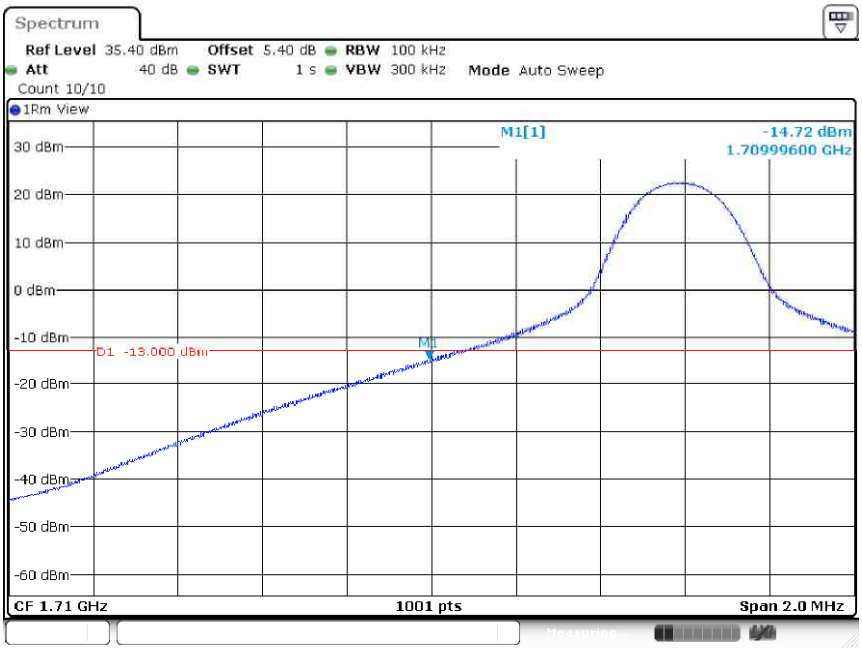
Band66-10MHz-QPSK-132022-1RB#0



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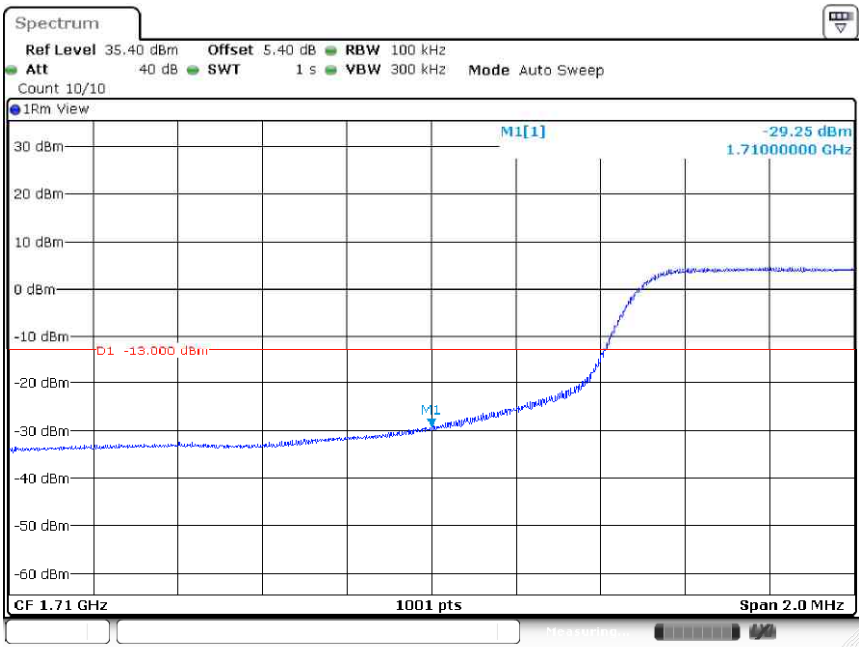
Band66-10MHz-QPSK-132022-50RB#0



Date: 10.JUL.2020 15:35:50

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

Date: 10.JUL.2020 15:36:35

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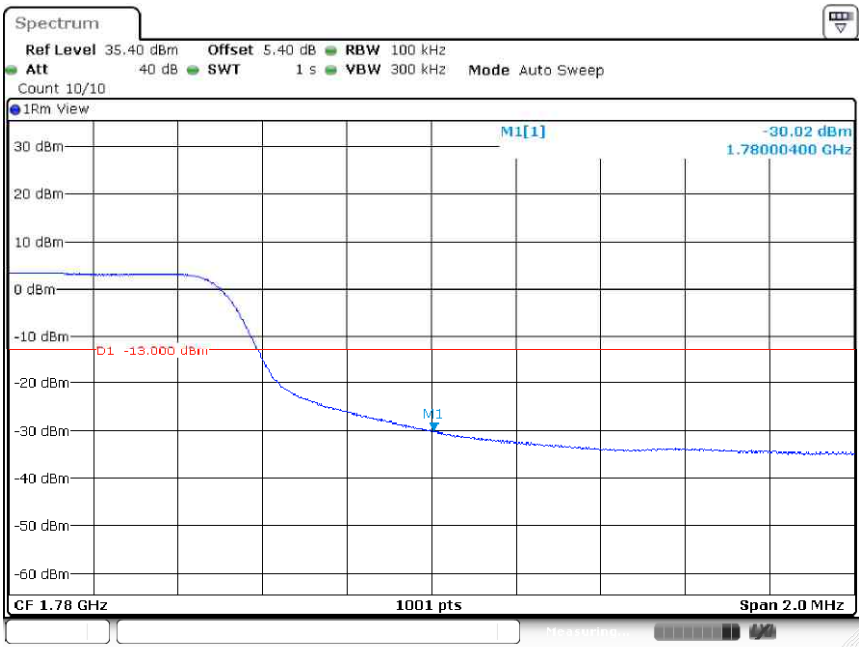
Band66-10MHz-QPSK-132622-50RB#0



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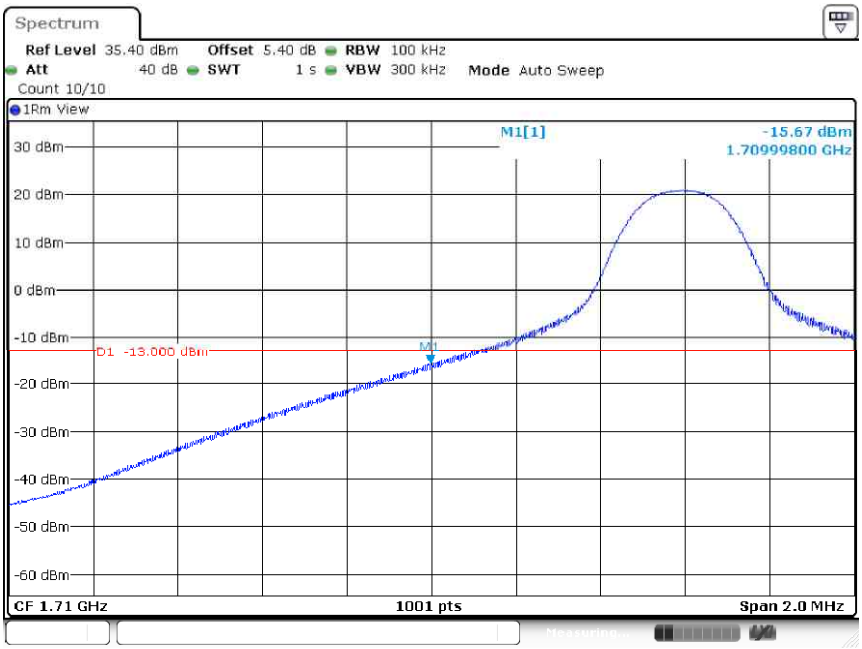

Date: 14.JUL.2020 08:57:04

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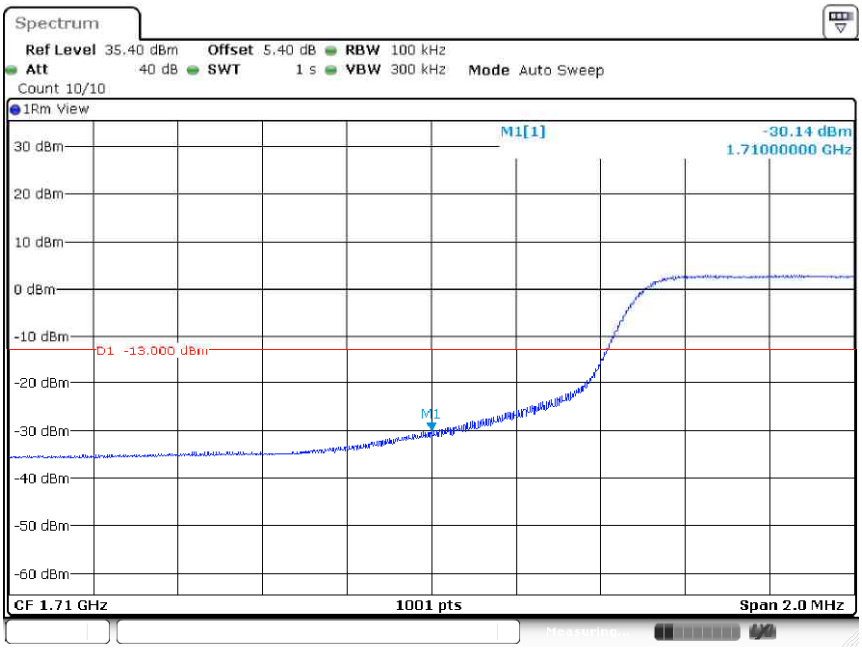
Band66-10MHz-64QAM-132022-50RB#0



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

Date: 14.JUL.2020 08:57:49

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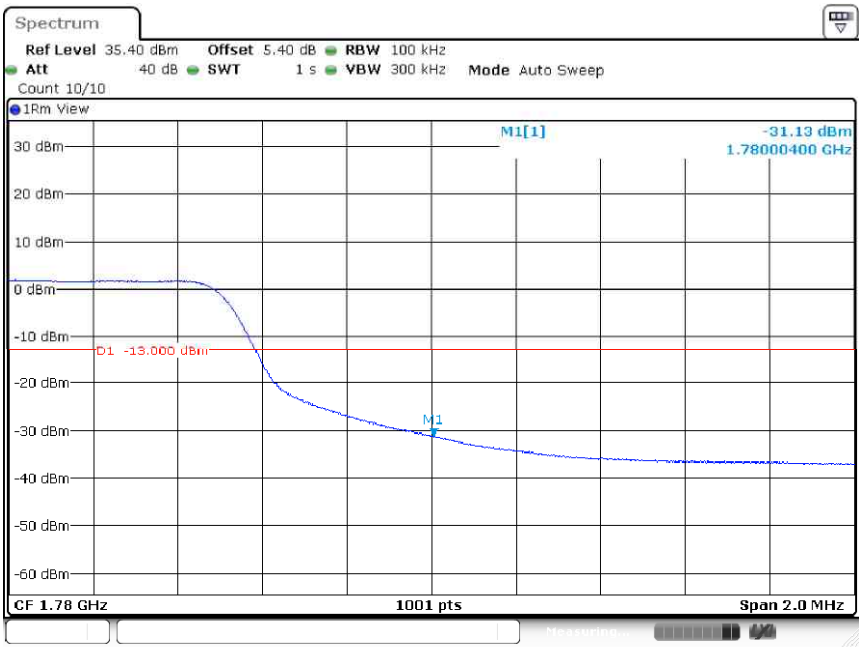
Band66-10MHz-64QAM-132622-50RB#0



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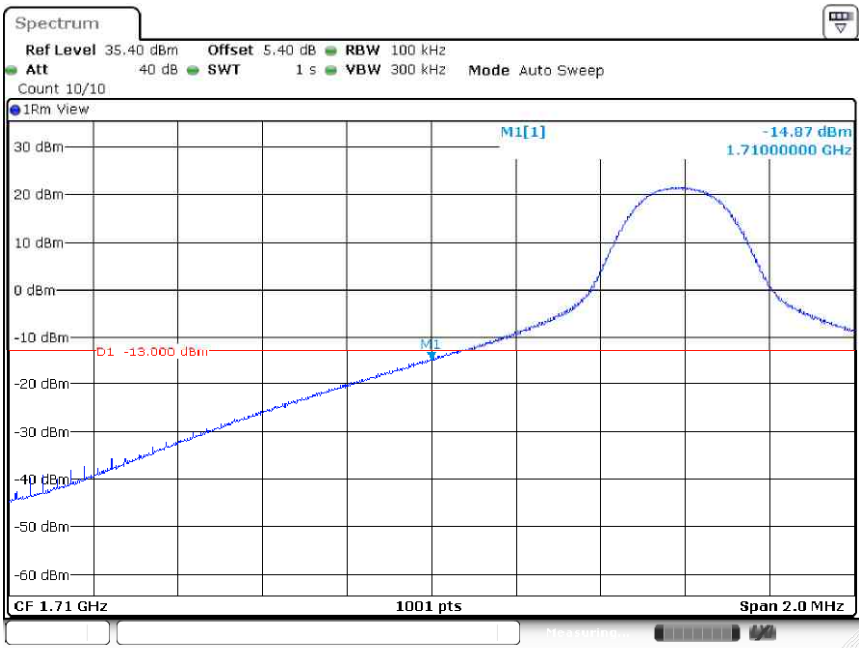
Band66-10MHz-16QAM-132022-1RB#0



Date: 10.JUL.2020 15:35:29

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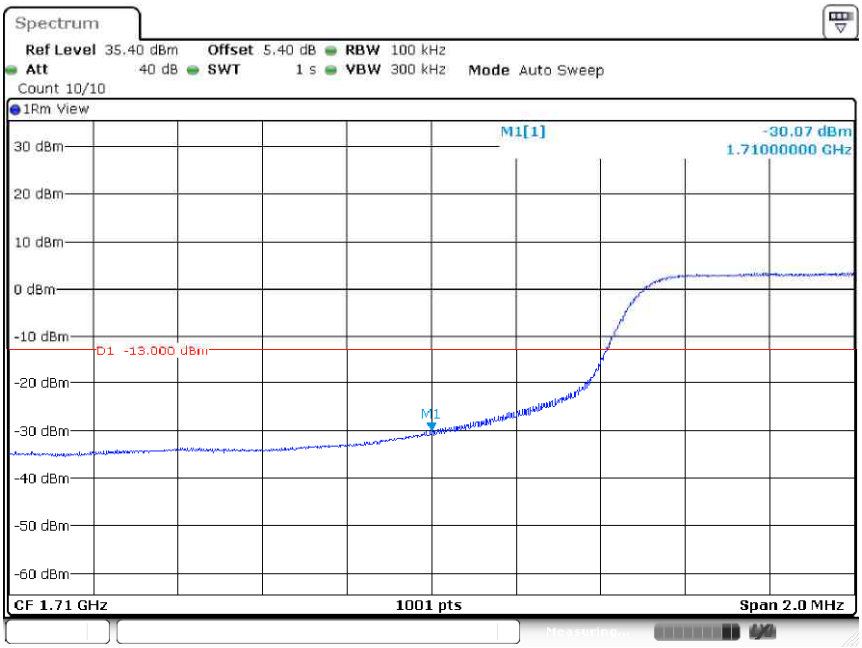
Band66-10MHz-16QAM-132022-50RB#0



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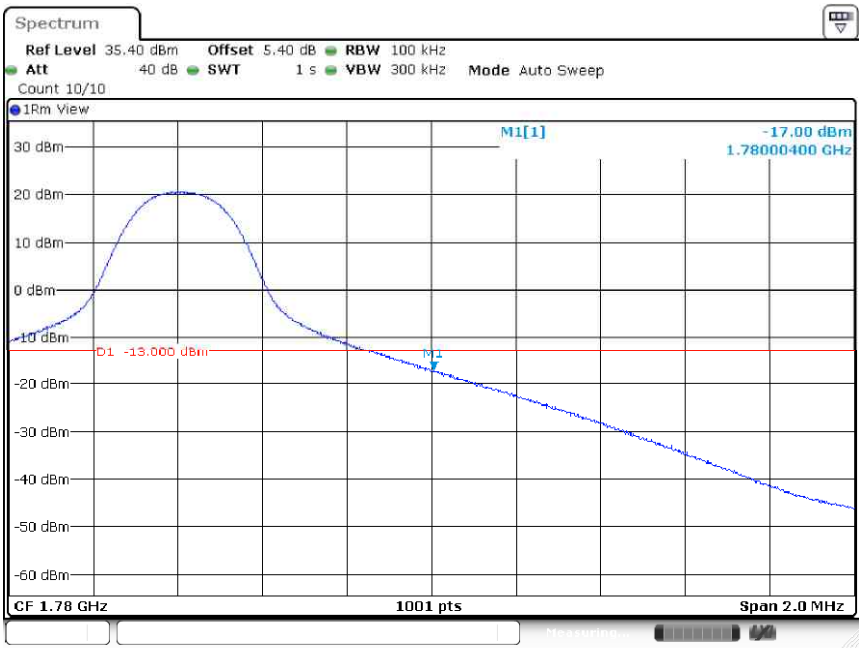
Band66-10MHz-16QAM-132622-1RB#49



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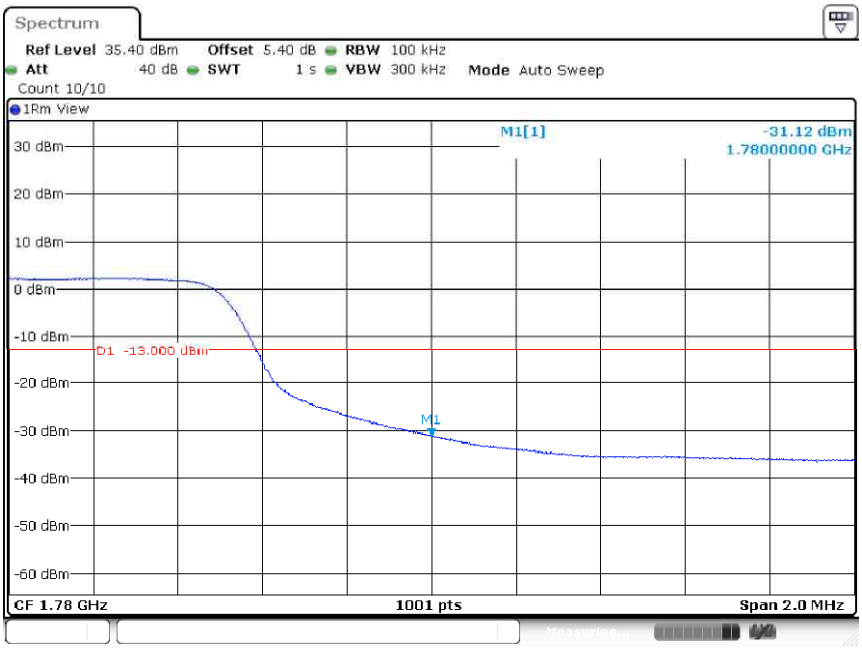
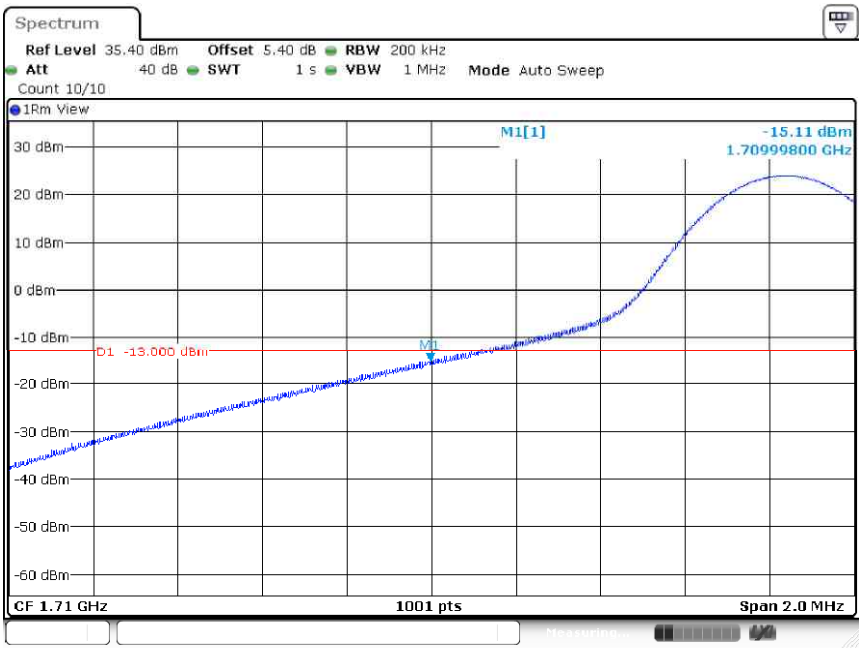
Band66-10MHz-16QAM-132622-50RB#0



Date: 10.JUL.2020 15:37:37

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



Date: 10.JUL.2020 15:38:02

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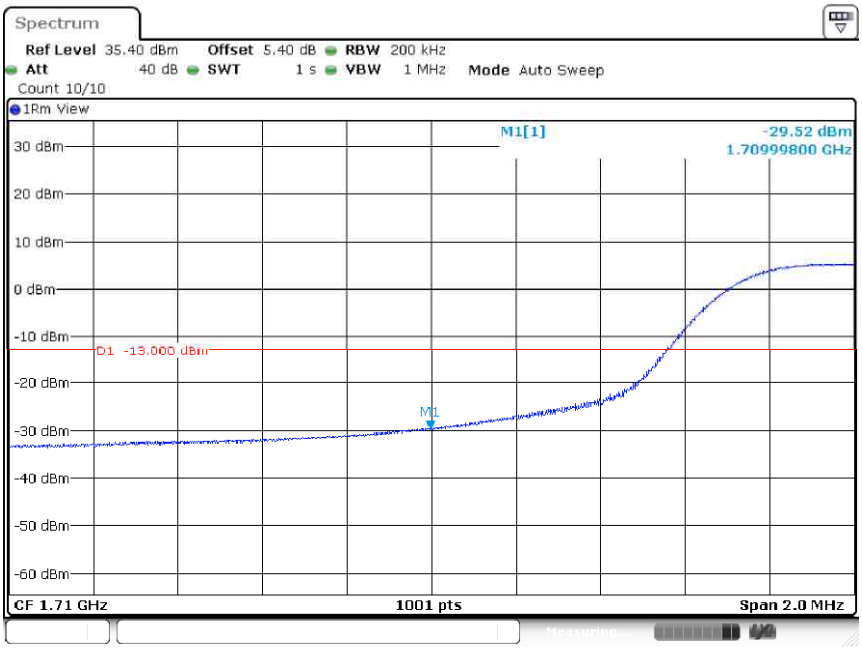
Band66-15MHz-QPSK-132047-75RB#0



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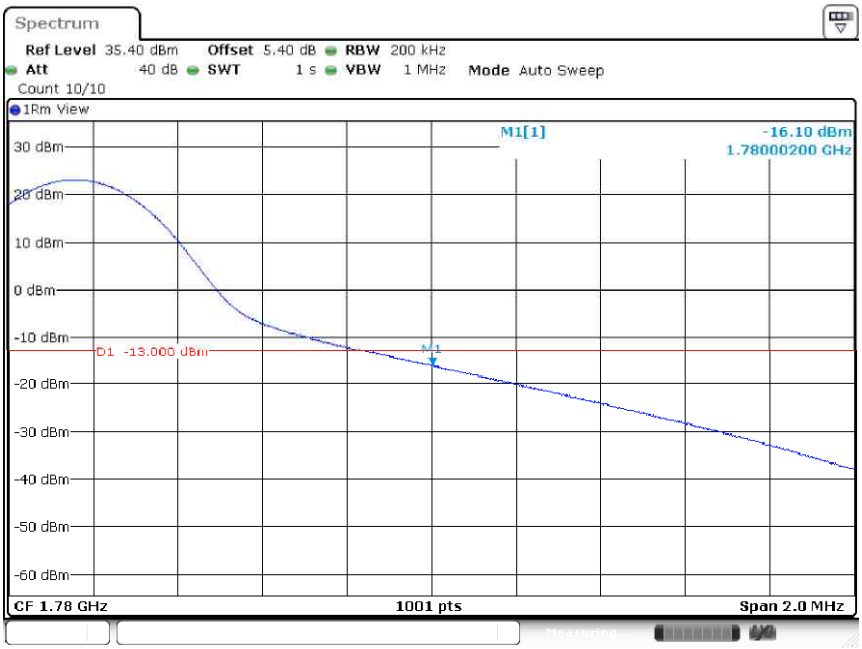
Band66-15MHz-QPSK-132597-1RB#74



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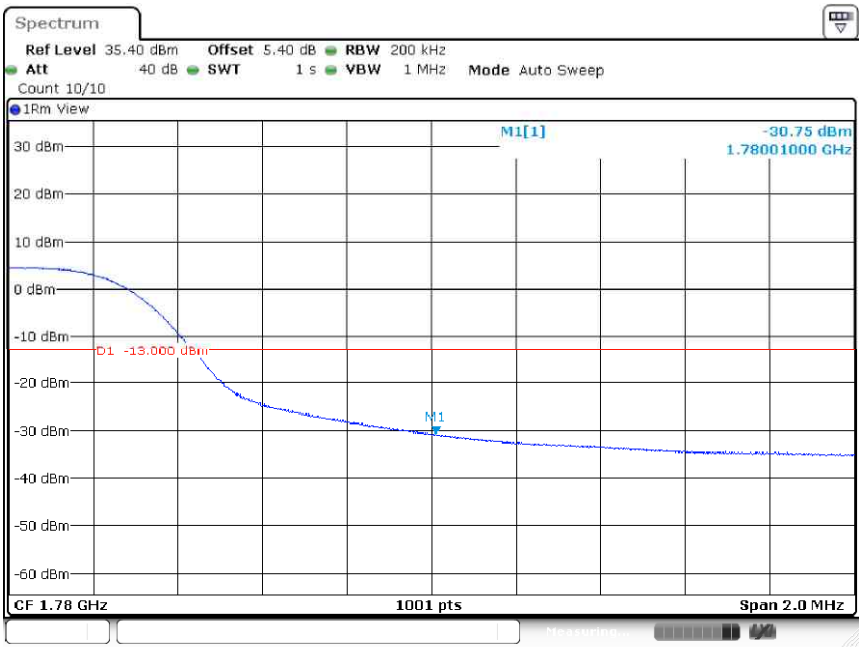
Band66-15MHz-QPSK-132597-75RB#0



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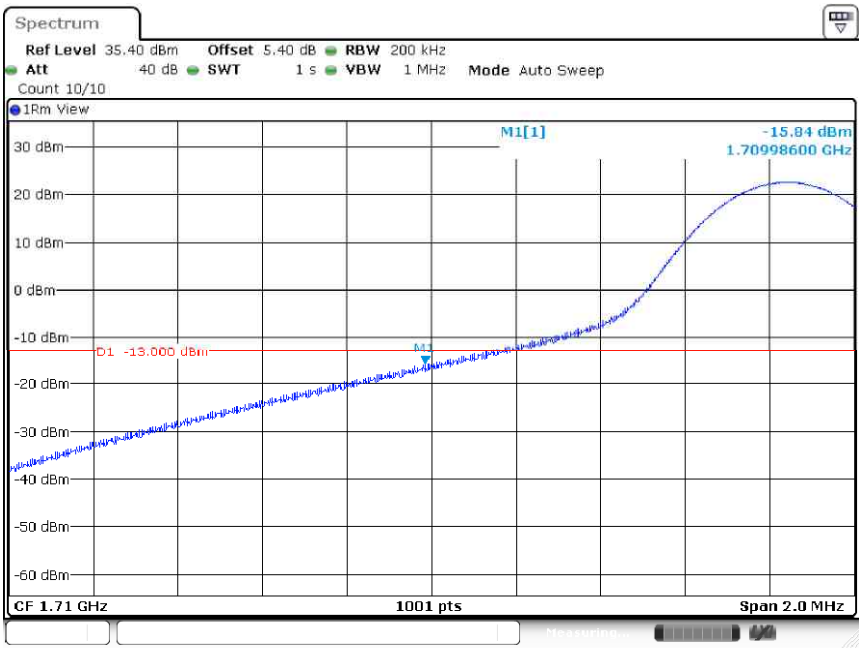
Band66-15MHz-64QAM-132047-1RB#0



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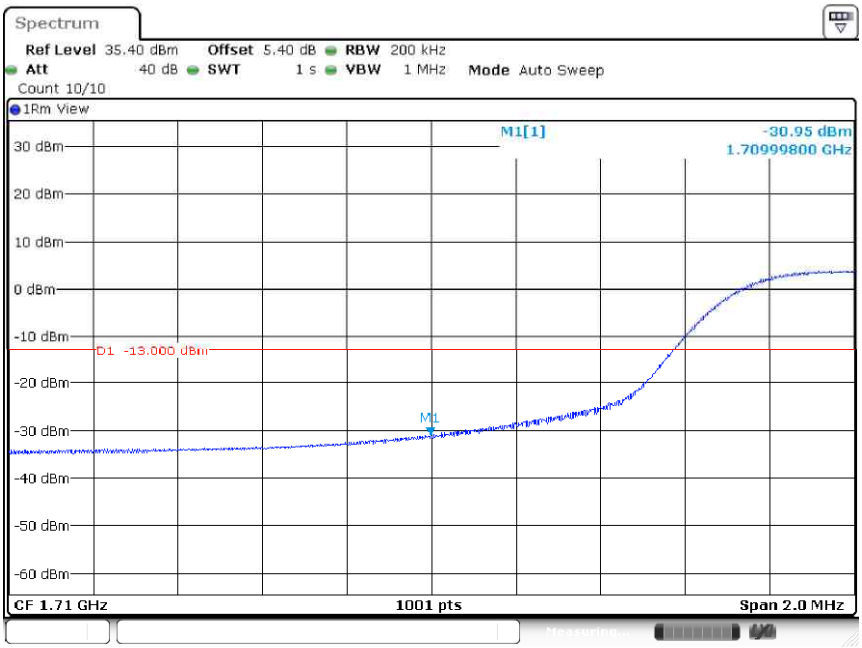

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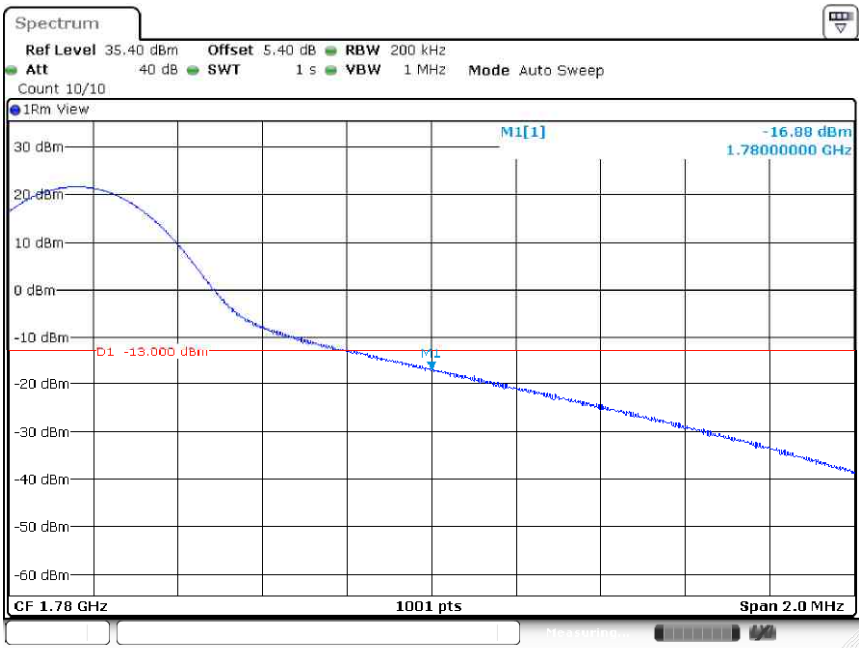
Band66-15MHz-64QAM-132597-1RB#74



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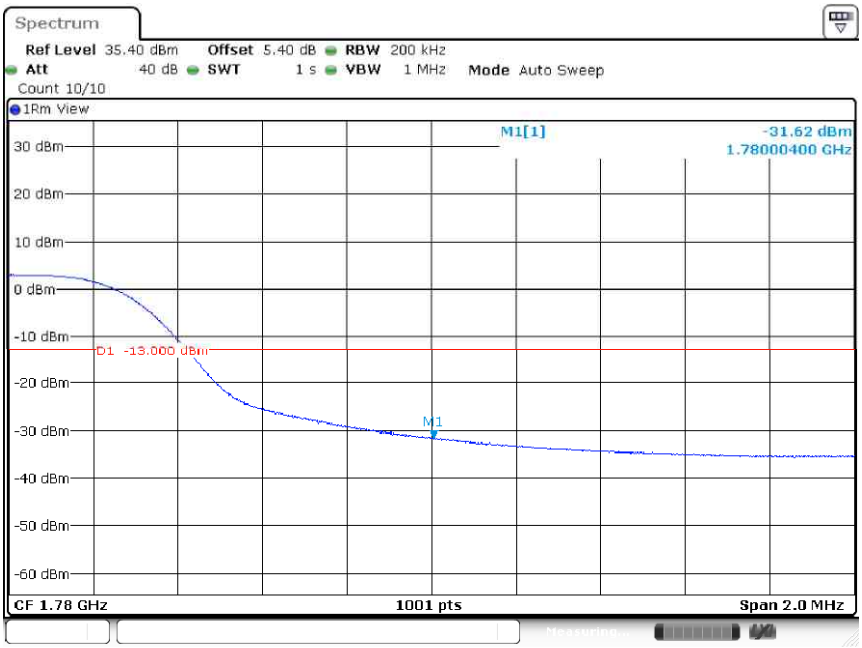
Band66-15MHz-64QAM-132597-75RB#0



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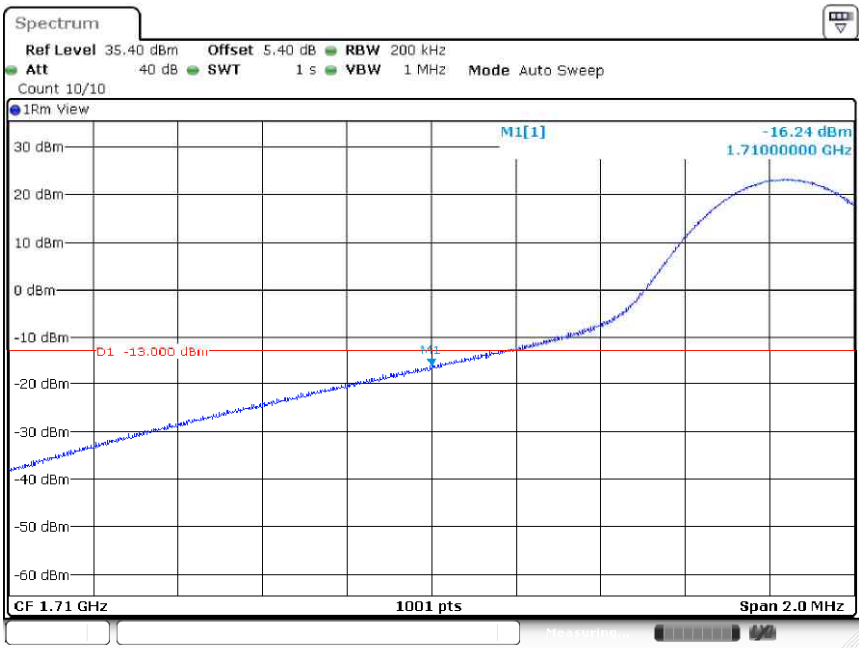
Band66-15MHz-16QAM-132047-1RB#0



Date: 10.JUL.2020 15:38:23

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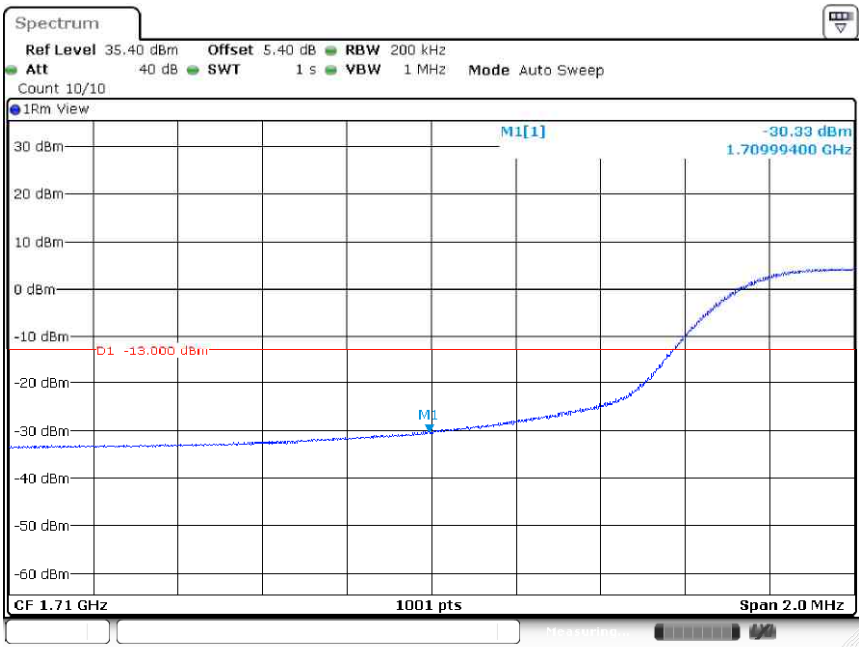
Band66-15MHz-16QAM-132047-75RB#0



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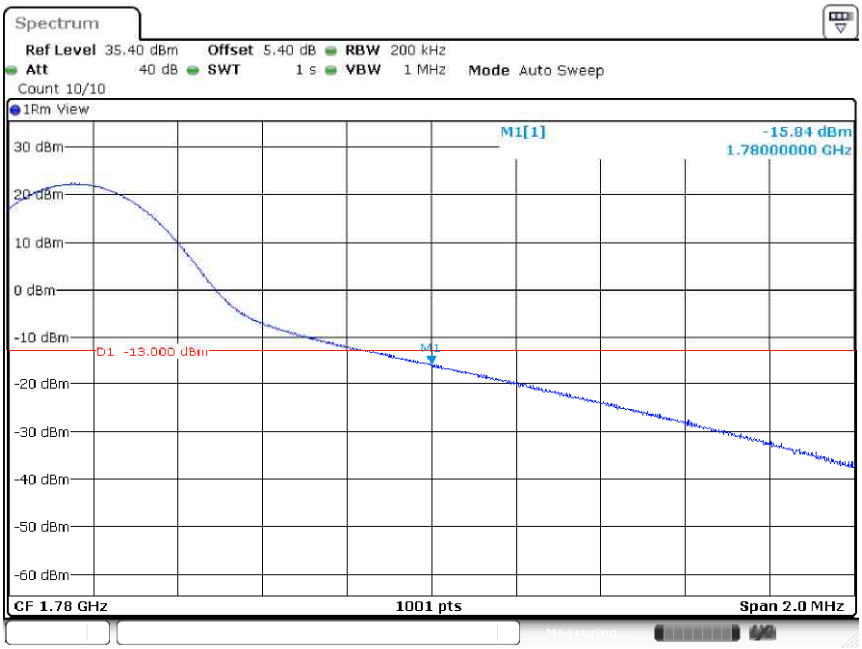
Band66-15MHz-16QAM-132597-1RB#74



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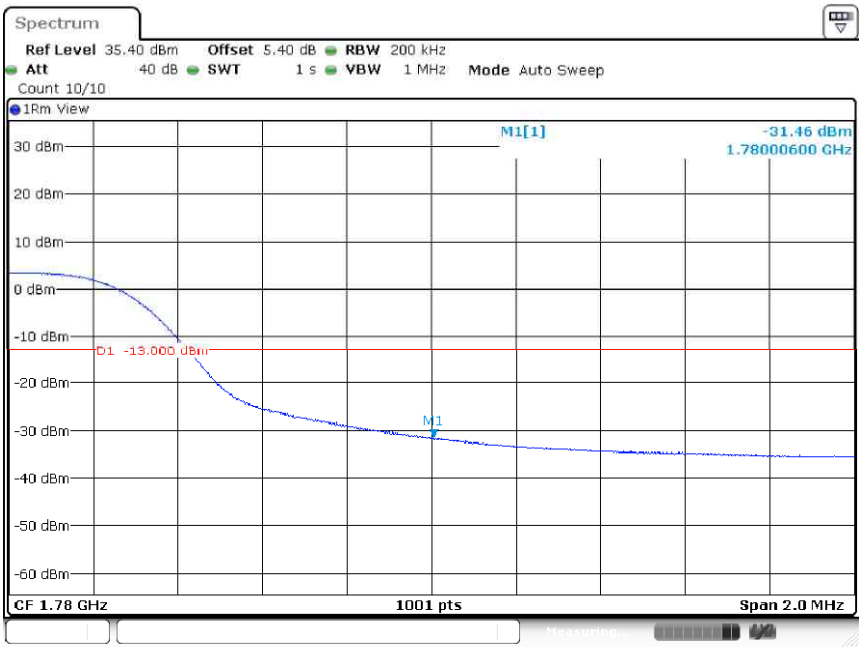
Band66-15MHz-16QAM-132597-75RB#0



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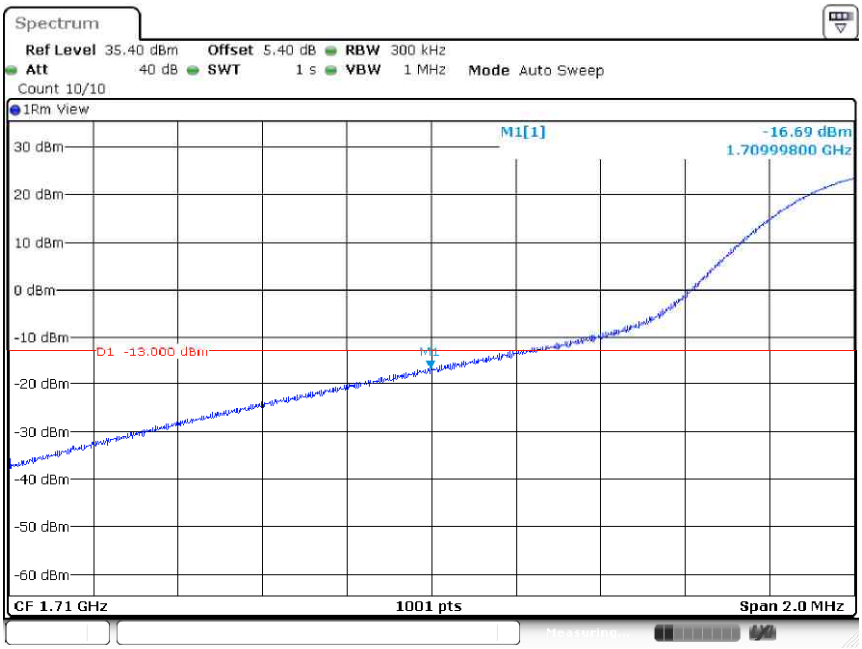
Band66-20MHz-QPSK-132072-1RB#0



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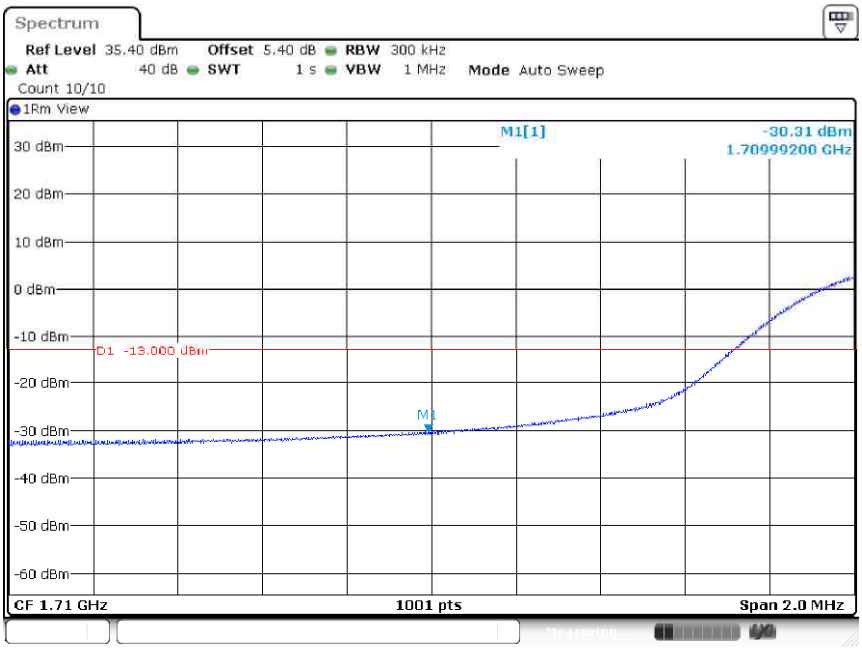
Band66-20MHz-QPSK-132072-100RB#0



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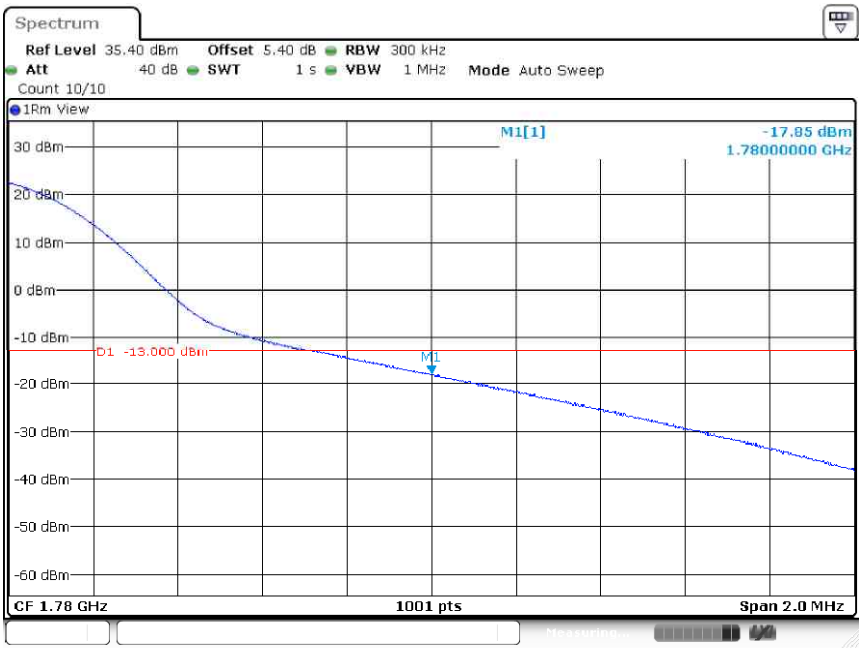
Band66-20MHz-QPSK-132572-1RB#99



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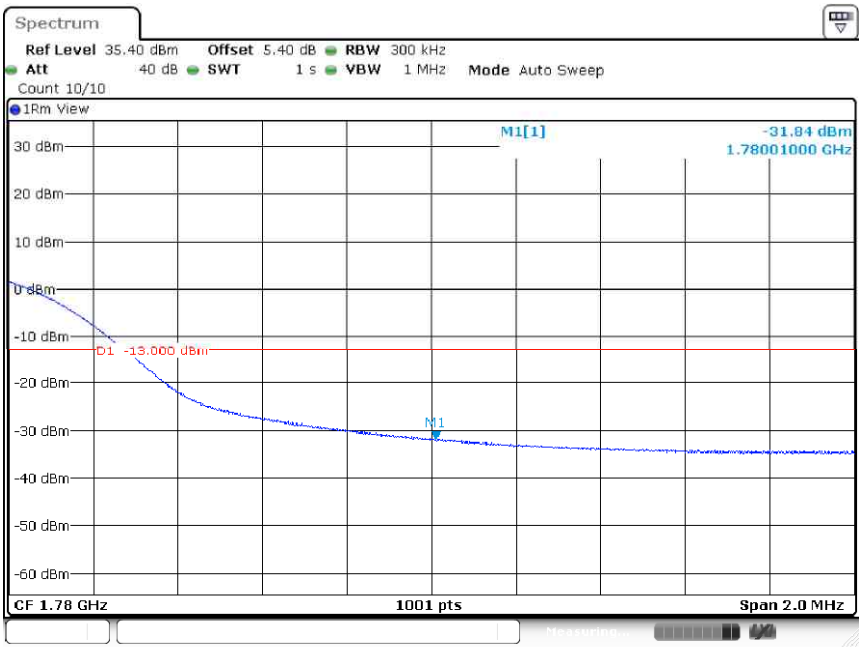
Band66-20MHz-QPSK-132572-100RB#0



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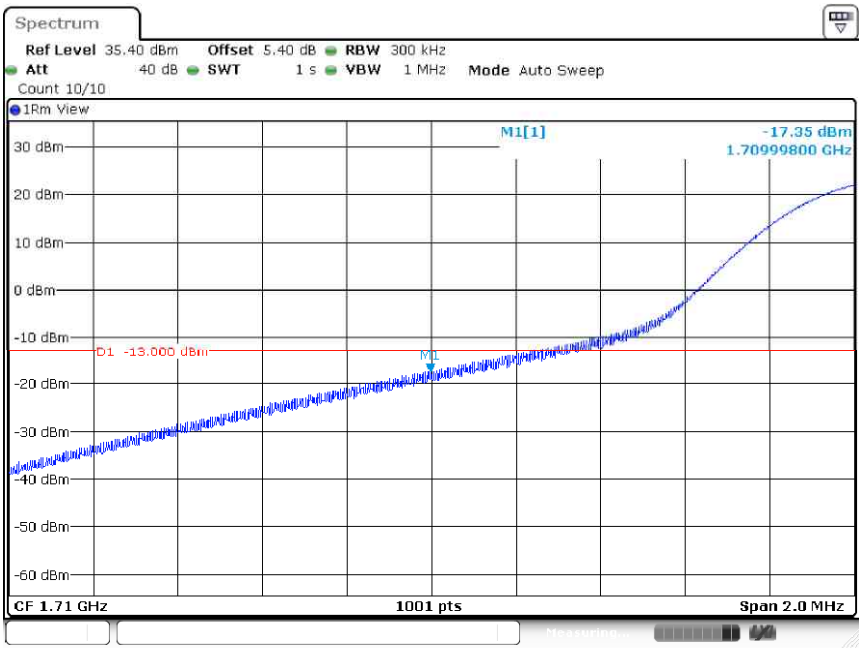
Band66-20MHz-64QAM-132072-1RB#0



Date: 14.JUL.2020 09:00:07

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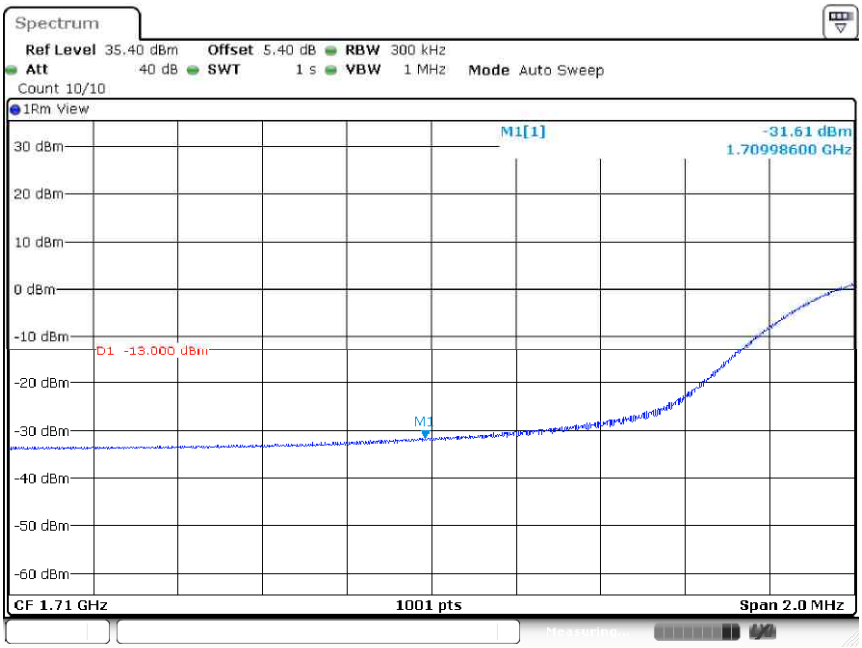
Band66-20MHz-64QAM-132072-100RB#0



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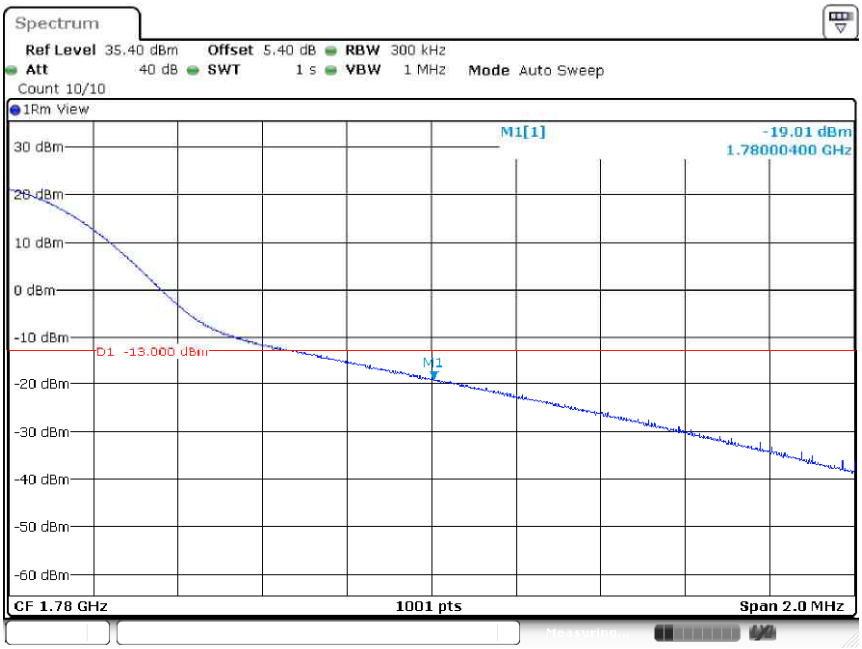
Band66-20MHz-64QAM-132572-1RB#99



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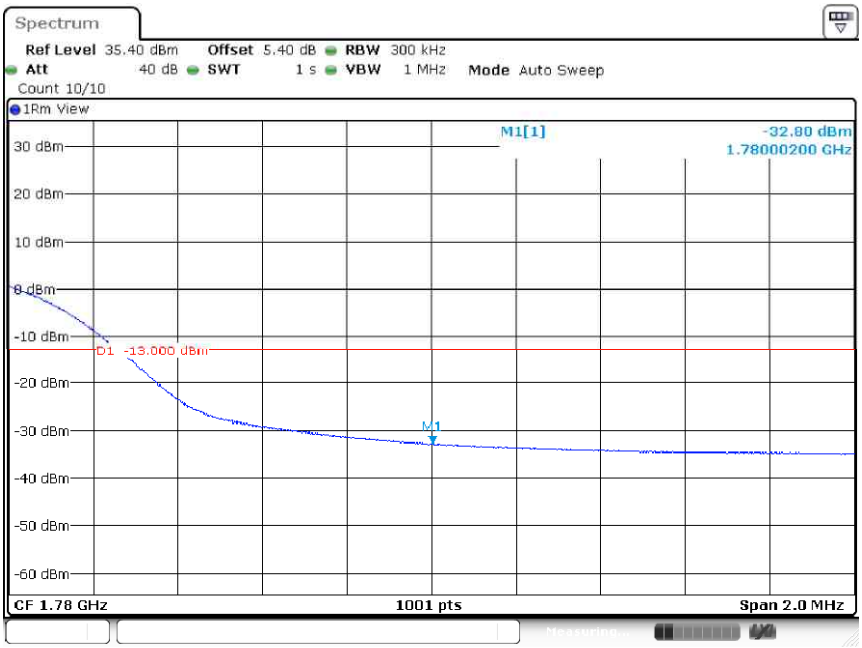
Band66-20MHz-64QAM-132572-100RB#0



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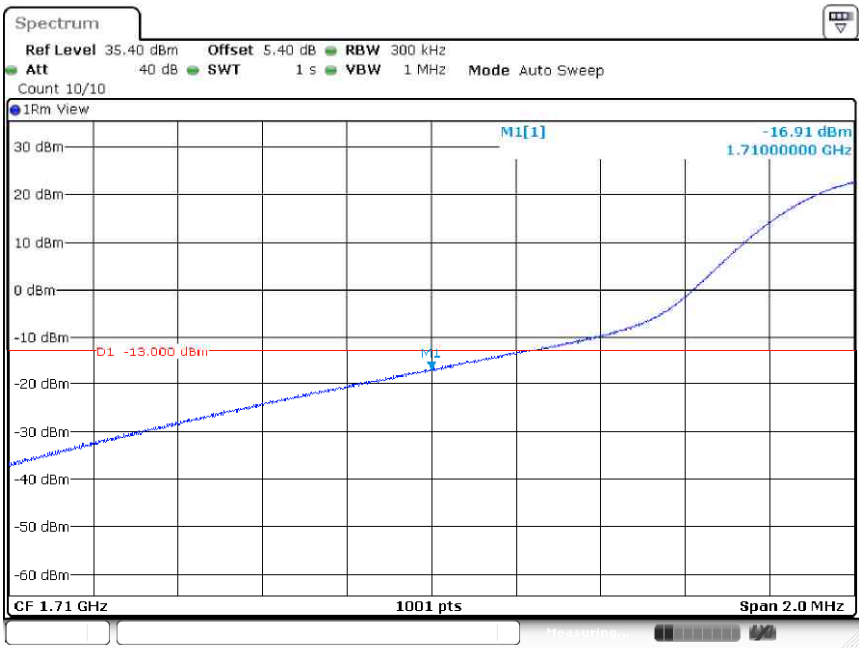
Band66-20MHz-16QAM-132072-1RB#0



Date: 10.JUL.2020 15:41:16

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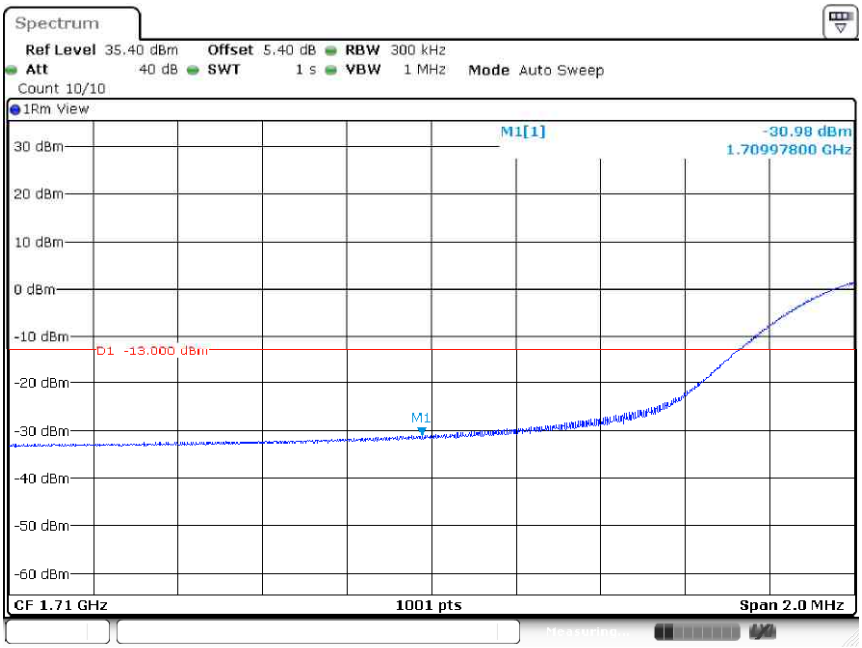

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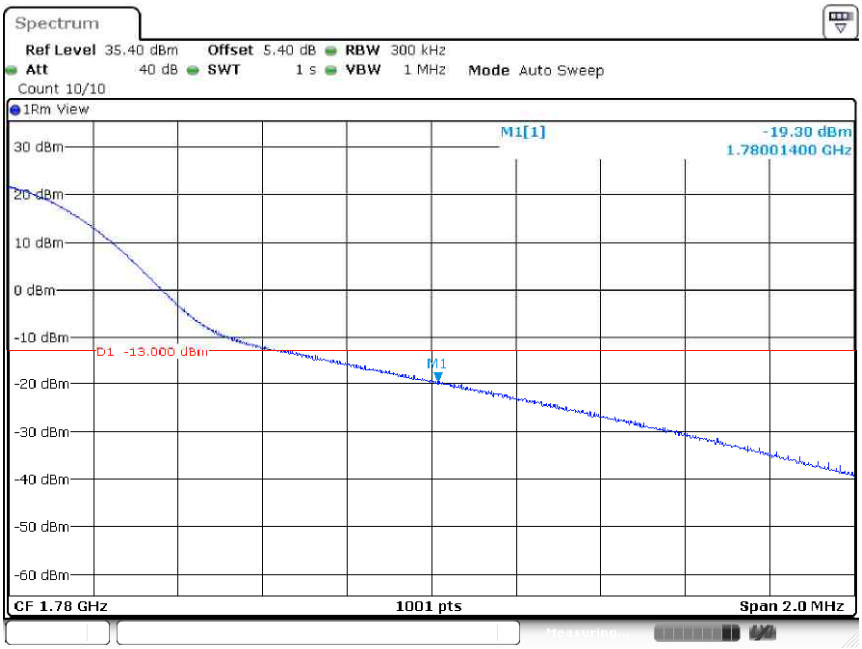
Band66-20MHz-16QAM-132572-1RB#99



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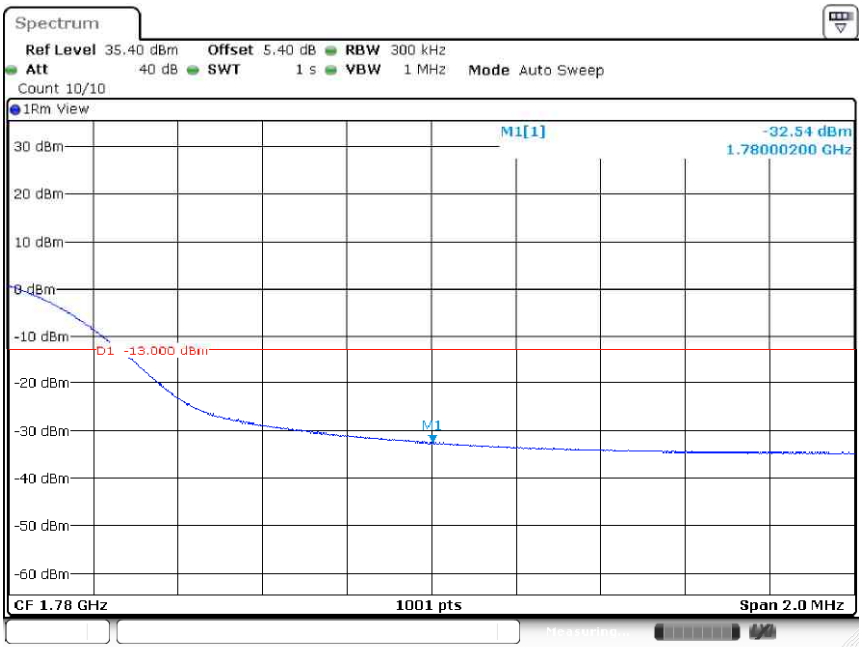
Band66-20MHz-16QAM-132572-100RB#0



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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.

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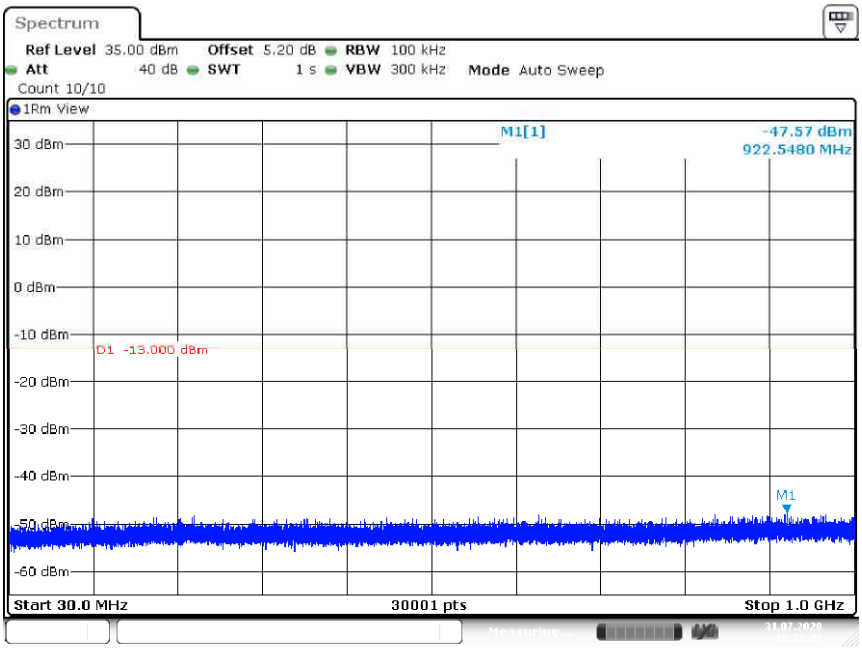
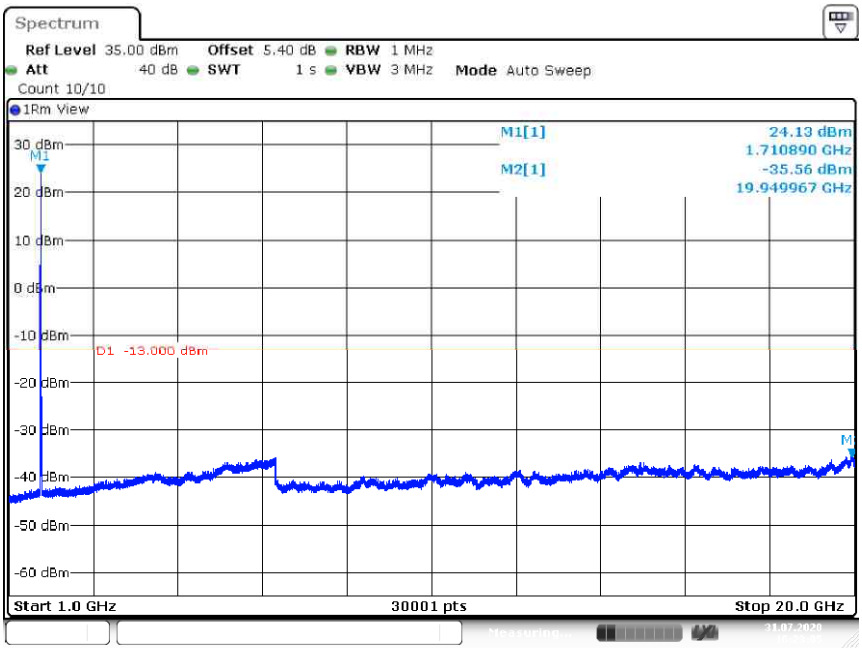
6.1. Test Plots

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



Date: 31.JUL.2020 16:22:49

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



Date: 31.JUL.2020 16:23:05

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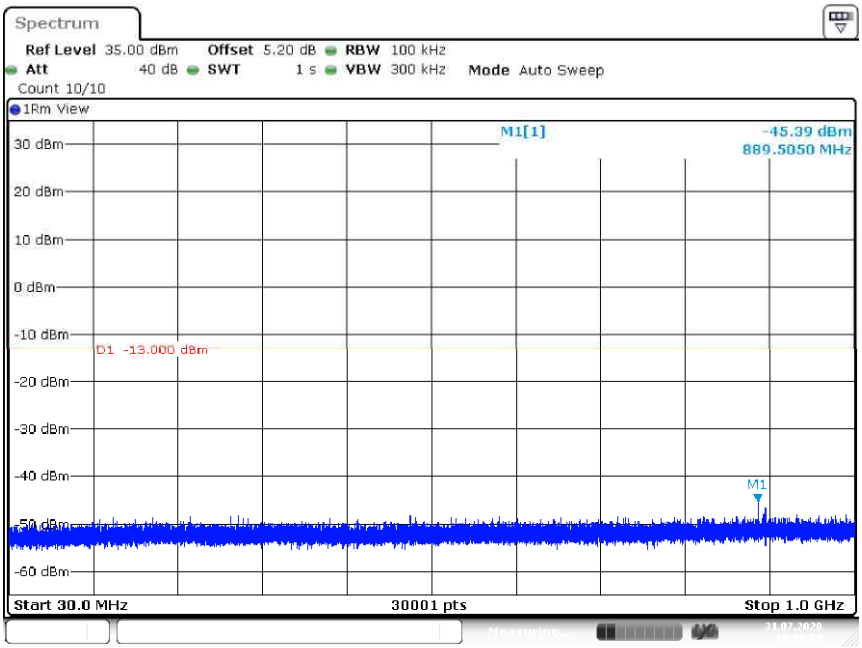
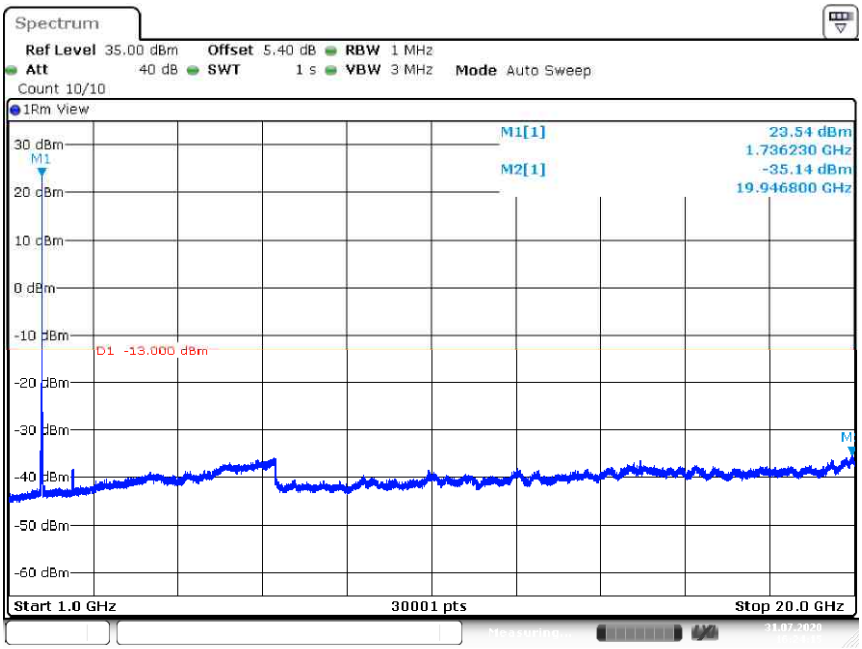
Band66-20MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



Date: 31.JUL.2020 16:23:59

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



Date: 31.JUL.2020 16:24:15

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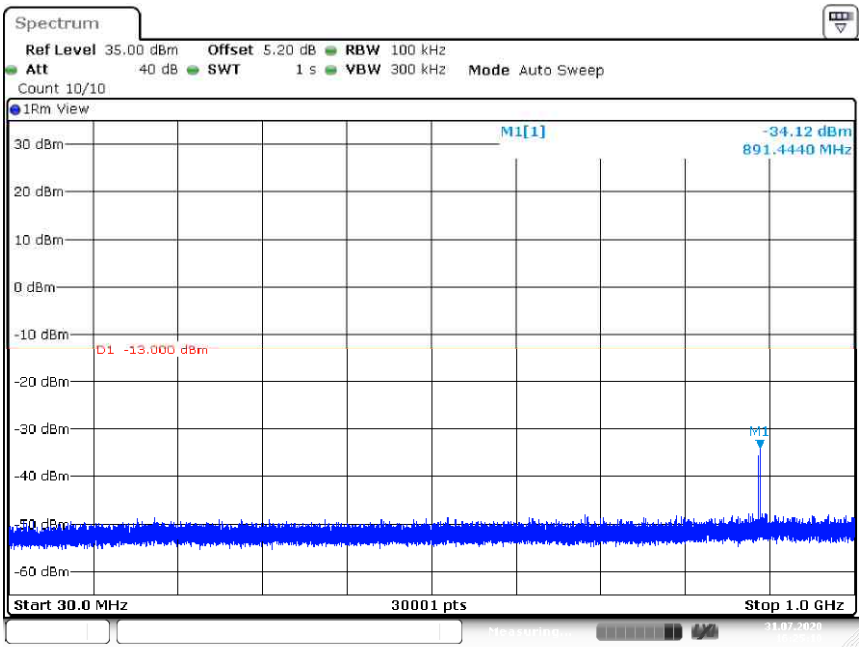
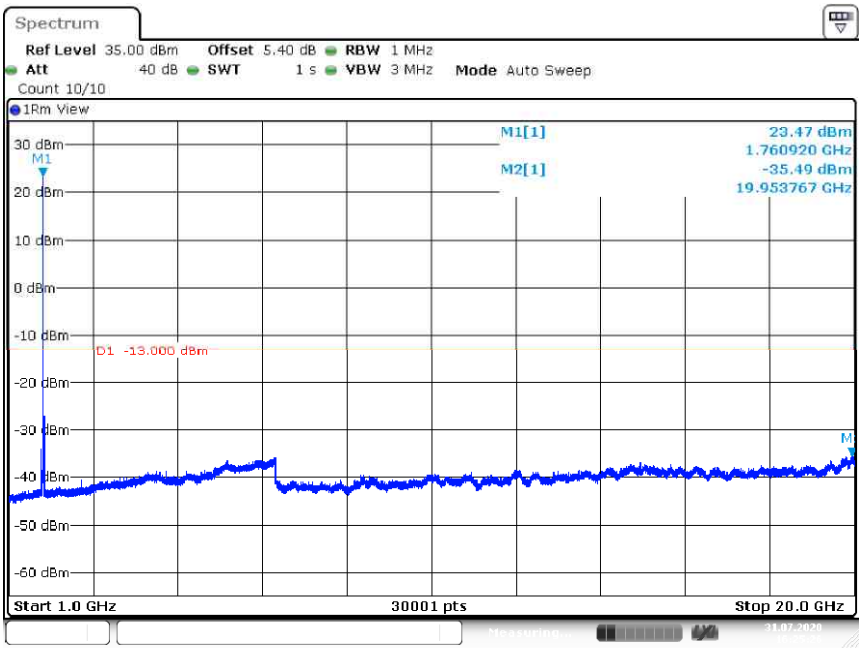
Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz



Date: 31.JUL.2020 16:25:10

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



Date: 31.JUL.2020 16:25:27

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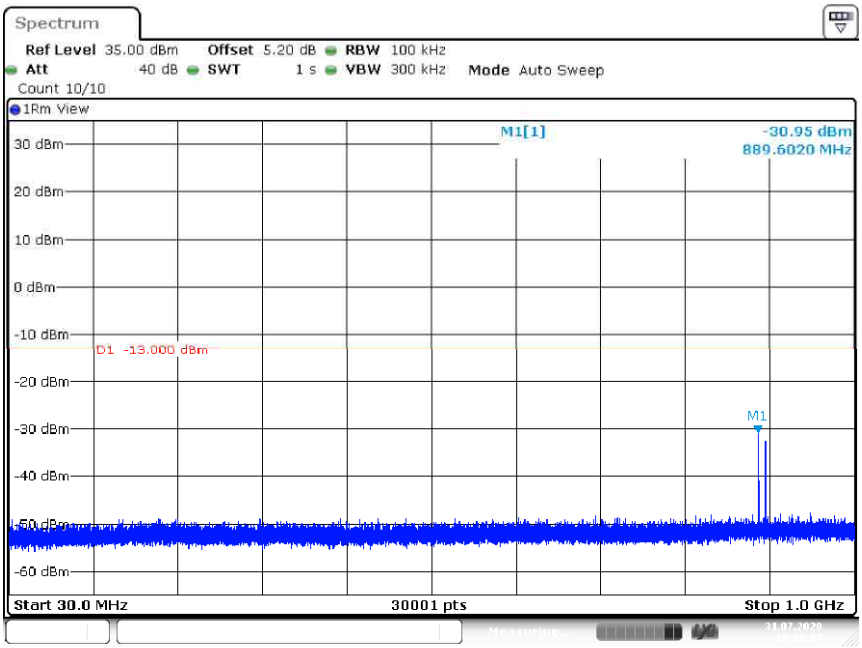
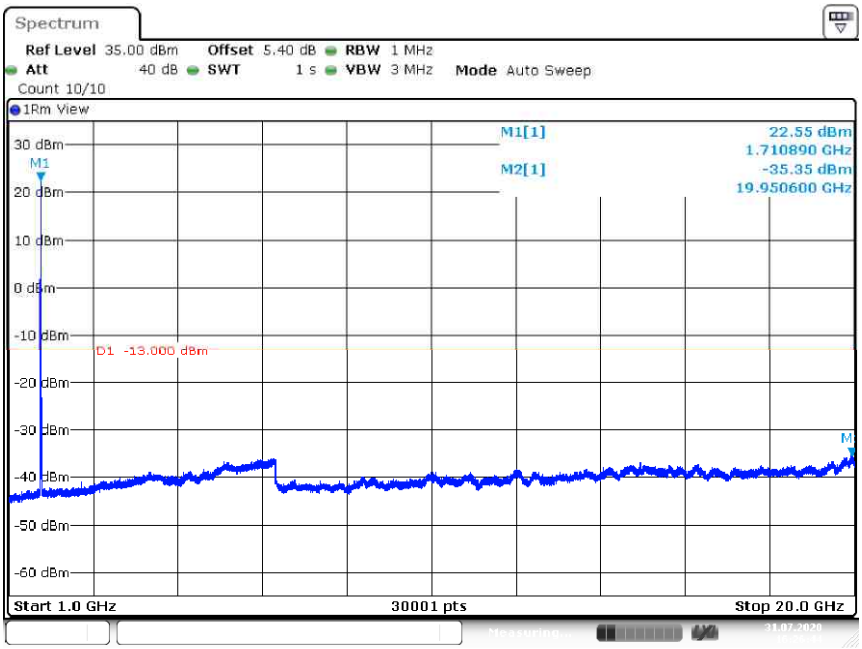
Band66-20MHz-64QAM-132072-1RB#0-Range1:30~1000MHz



Date: 31.JUL.2020 16:26:28

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



Date: 31.JUL.2020 16:26:44

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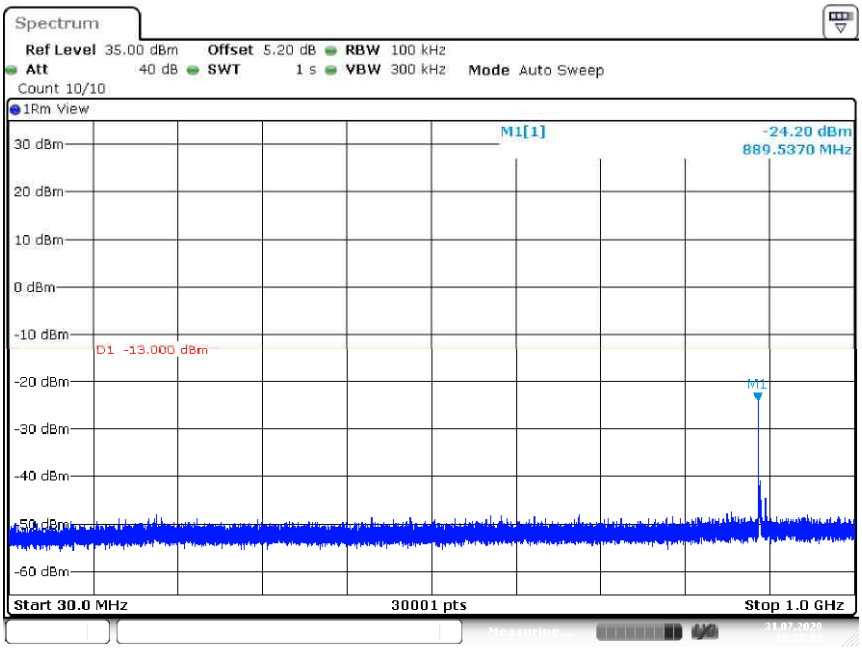
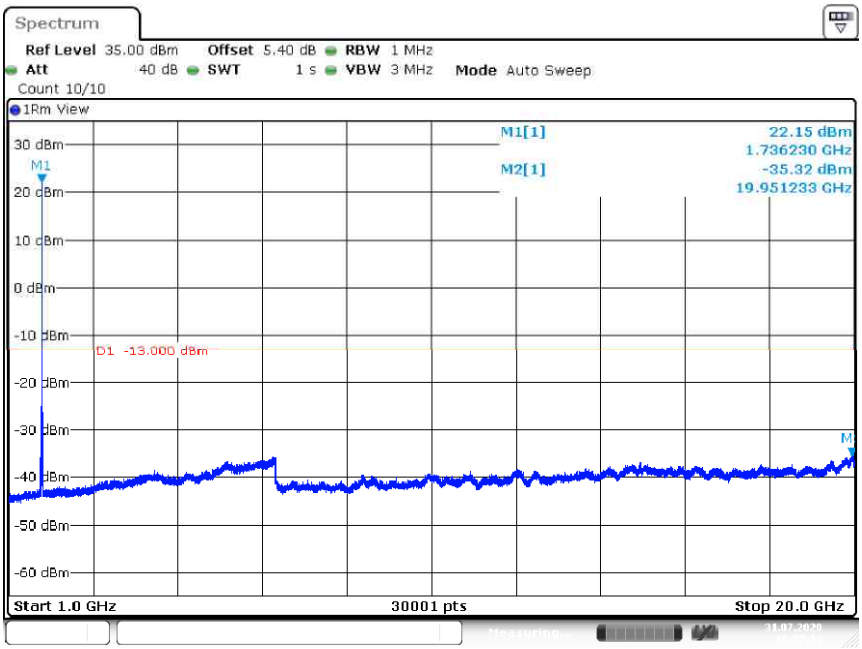
Band66-20MHz-64QAM-132322-1RB#0-Range1:30~1000MHz



Date: 31.JUL.2020 16:27:03

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



Date: 31.JUL.2020 16:27:21

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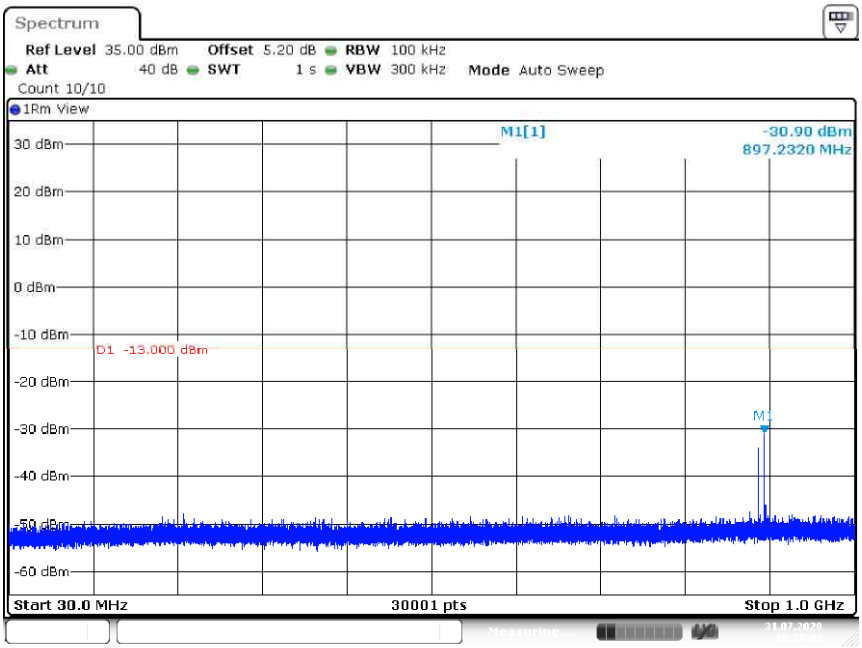
Band66-20MHz-64QAM-132572-1RB#0-Range1:30~1000MHz



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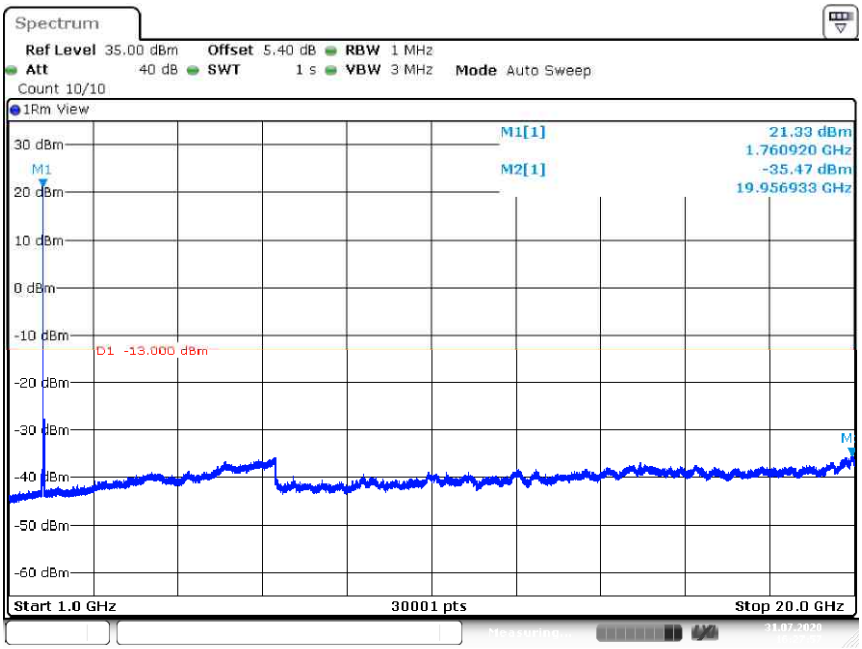
Band66-20MHz-64QAM-132572-1RB#0-Range2:1000~20000MHz



Date: 31.JUL.2020 16:27:57

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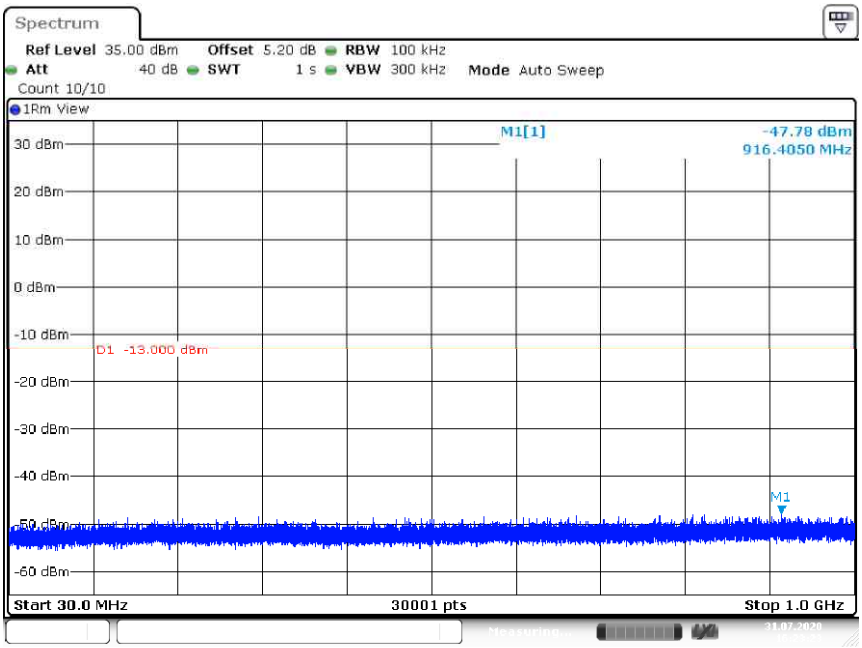
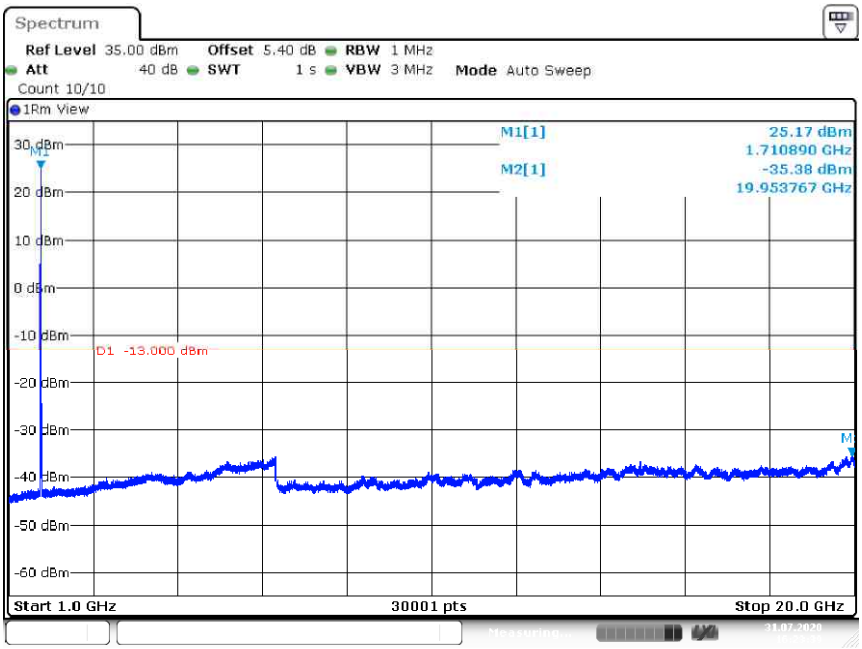
Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz



Date: 31.JUL.2020 16:23:24

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



Date: 31.JUL.2020 16:23:40

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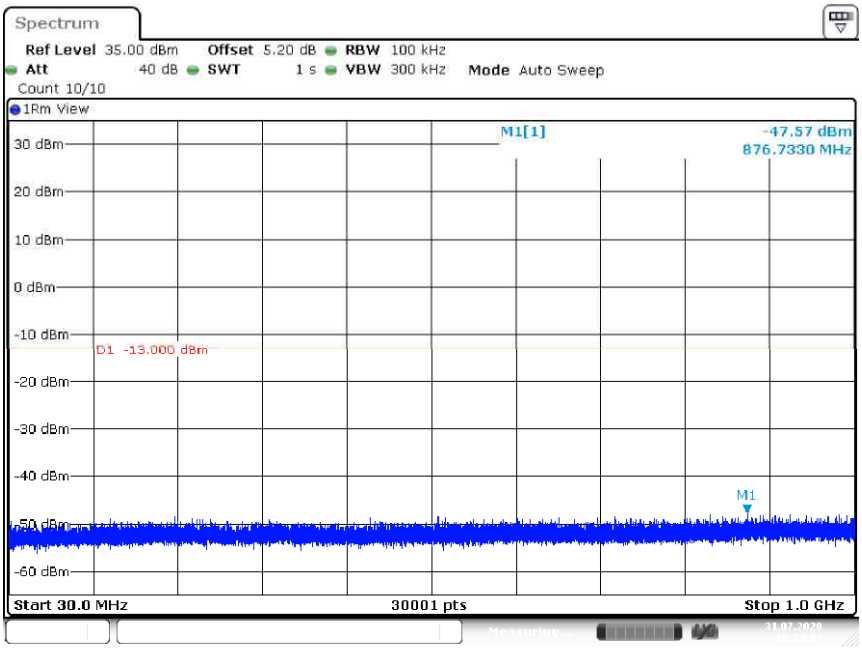
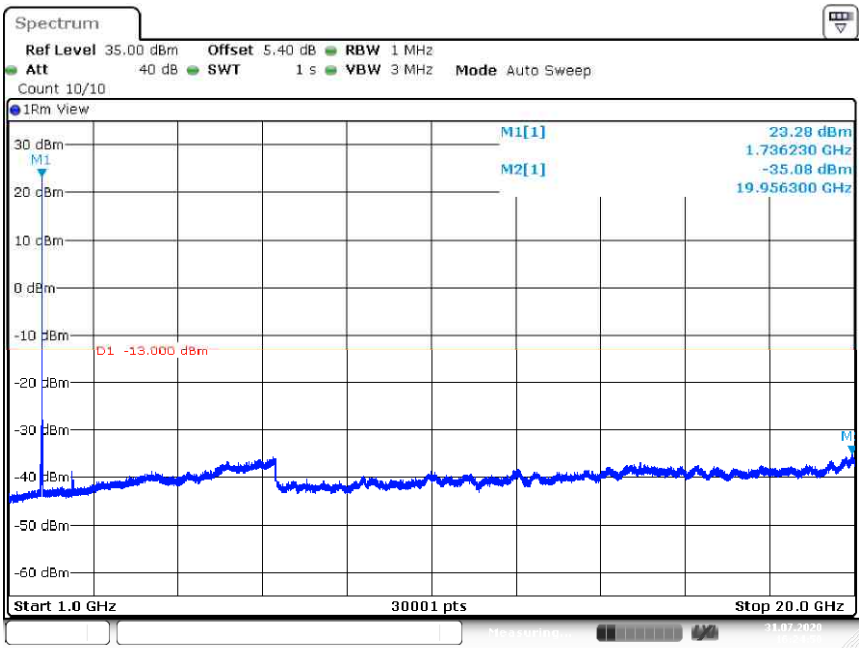


Date: 31.JUL.2020 16:24:35

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



Date: 31.JUL.2020 16:24:51

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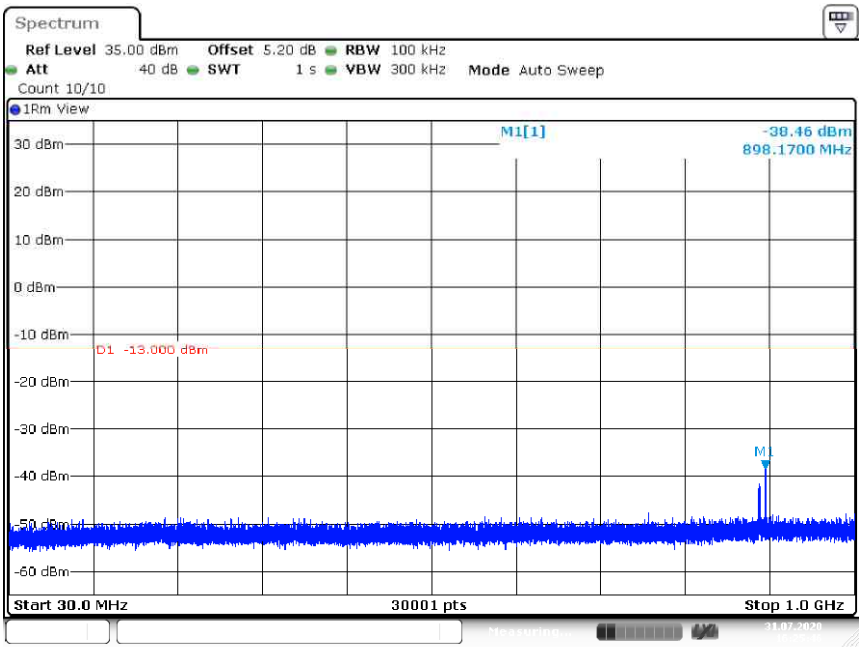
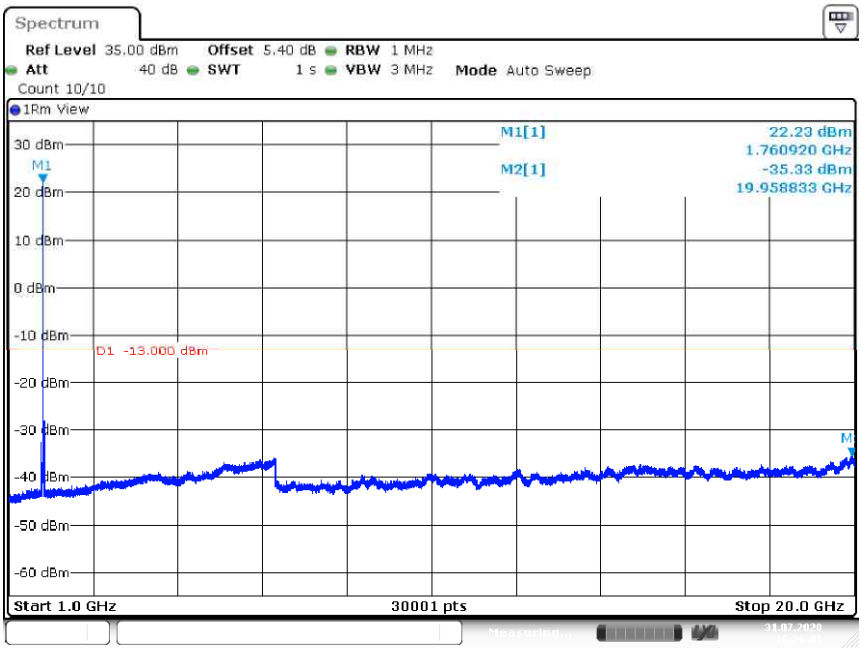


Date: 31.JUL.2020 16:25:47

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



Date: 31.JUL.2020 16:26:03

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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
47.1699	-85.17	-13.00	72.17	Vertical
109.9320	-81.33	-13.00	68.33	Vertical
2700.3401	-37.81	-13.00	24.81	Vertical
3422.0141	-53.84	-13.00	40.84	Vertical
9327.7109	-52.17	-13.00	39.17	Vertical
17997.4999	-39.54	-13.00	26.54	Vertical
35.7233	-80.67	-13.00	67.67	Horizontal
166.1463	-85.75	-13.00	72.75	Horizontal
2701.5403	-36.49	-13.00	23.49	Horizontal
3422.5141	-51.69	-13.00	38.69	Horizontal
9554.2185	-52.59	-13.00	39.59	Horizontal
16396.9466	-43.17	-13.00	30.17	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.7449	-81.72	-13.00	68.72	Vertical
169.0565	-84.97	-13.00	71.97	Vertical
676.0038	-80.28	-13.00	67.28	Vertical
2700.3401	-37.60	-13.00	24.60	Vertical
7354.1451	-55.83	-13.00	42.83	Vertical
17999.5000	-39.79	-13.00	26.79	Vertical
35.5778	-61.41	-13.00	48.41	Horizontal
168.5229	-85.21	-13.00	72.21	Horizontal
506.9728	-79.39	-13.00	66.39	Horizontal
2701.5403	-36.48	-13.00	23.48	Horizontal
5208.0736	-58.03	-13.00	45.03	Horizontal
16386.4462	-43.33	-13.00	30.33	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.6595	-80.65	-13.00	67.65	Vertical
676.0038	-79.99	-13.00	66.99	Vertical
2697.9396	-37.49	-13.00	24.49	Vertical
3522.0174	-60.09	-13.00	47.09	Vertical
8796.6932	-53.99	-13.00	40.99	Vertical
17999.5000	-40.22	-13.00	27.22	Vertical
35.7718	-57.88	-13.00	44.88	Horizontal
167.0194	-86.56	-13.00	73.56	Horizontal
676.0038	-77.19	-13.00	64.19	Horizontal
2693.1386	-36.54	-13.00	23.54	Horizontal
7473.1491	-55.89	-13.00	42.89	Horizontal
16389.9463	-43.87	-13.00	30.87	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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	-9.40	-0.005465	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	-3.30	-0.001919	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	-10.50	-0.006105	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-3.90	-0.002235	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-5.40	-0.003095	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-1.90	-0.001089	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	2.70	0.001525	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	-2.90	-0.001638	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-7.00	-0.003955	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VL	NT	-7.60	-0.004419	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VN	NT	-6.30	-0.003663	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VH	NT	-7.50	-0.004360	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VL	NT	-3.90	-0.002235	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VN	NT	-2.10	-0.001203	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VH	NT	-4.30	-0.002464	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VL	NT	-5.60	-0.003164	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VN	NT	-8.40	-0.004746	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VH	NT	-6.10	-0.003446	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	-1.00	-0.000581	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	-8.70	-0.005058	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	-1.90	-0.001105	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-7.80	-0.004470	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-2.20	-0.001261	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-8.50	-0.004871	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	-1.50	-0.000847	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	-10.20	-0.005763	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	-8.90	-0.005028	±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	-4.80	-0.002791	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-10.30	-0.005988	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	-5.78	-0.003360	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	-6.20	-0.003605	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-3.40	-0.001977	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	-8.10	-0.004709	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	-3.53	-0.002052	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	-4.35	-0.002529	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	1.75	0.001017	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	0.50	0.000287	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-1.50	-0.000860	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-6.44	-0.003691	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-5.90	-0.003381	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-6.70	-0.003840	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-1.20	-0.000688	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-3.23	-0.001851	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-2.86	-0.001639	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-5.34	-0.003060	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	-6.20	-0.003503	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-6.80	-0.003842	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	-4.56	-0.002576	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-1.00	-0.000565	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	-3.30	-0.001864	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-4.70	-0.002655	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	-1.97	-0.001113	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	-2.75	-0.001554	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	-3.68	-0.002079	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-30	-4.00	-0.002326	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-20	-7.00	-0.004070	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-10	-6.44	-0.003744	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	0	-6.10	-0.003547	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	10	-4.80	-0.002791	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	20	-6.50	-0.003779	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	30	-3.07	-0.001785	±2.5	PASS

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Band66	20MHz	64QAM	132072	100RB#0	NV	40	-5.13	-0.002983	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	50	-6.34	-0.003686	±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	0.10	0.000057	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-10	-3.86	-0.002212	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	0	-7.40	-0.004241	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	10	-8.40	-0.004814	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	20	-1.00	-0.000573	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	30	4.23	0.002424	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	40	3.77	0.002160	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	50	-4.98	-0.002854	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-30	-8.80	-0.004972	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-20	-2.70	-0.001525	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-10	-5.98	-0.003379	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	0	-5.70	-0.003220	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	10	-4.80	-0.002712	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	20	-6.60	-0.003729	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	30	-2.45	-0.001384	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	40	-5.23	-0.002955	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	50	-1.67	-0.000944	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	-7.80	-0.004535	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	-9.80	-0.005698	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-10	-5.23	-0.003041	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	-2.10	-0.001221	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	-2.60	-0.001512	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	-7.50	-0.004360	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	30	-2.55	-0.001483	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	40	-4.21	-0.002448	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	50	-7.32	-0.004256	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	-6.00	-0.003438	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-8.90	-0.005100	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	-4.32	-0.002476	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-2.40	-0.001375	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-5.30	-0.003037	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-4.90	-0.002808	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	-3.54	-0.002029	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	-6.43	-0.003685	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	-3.99	-0.002287	±2.5	PASS

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Band66	20MHz	16QAM	132572	100RB#0	NV	-30	-8.20	-0.004633	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	-3.90	-0.002203	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-10	-4.54	-0.002565	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	-5.60	-0.003164	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	-0.10	-0.000056	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	0.80	0.000452	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	30	1.07	0.000605	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	40	-1.06	-0.000599	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	50	-3.21	-0.001814	±2.5	PASS

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