

Appendix B

E-UTRA Band 66

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SGS-CSTC Standards Technical Services Co.,Ltd
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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	23.08	27.08	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.01	27.01	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	23.02	27.02	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.88	26.88	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.84	26.84	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.90	26.9	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.82	25.82	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.32	27.32	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.36	27.36	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.29	27.29	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.40	27.4	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.33	27.33	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.34	27.34	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.41	26.41	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.36	27.36	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.41	27.41	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.32	27.32	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.38	27.38	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.32	27.32	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.35	27.35	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.41	26.41	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	22.77	26.77	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	22.71	26.71	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	22.61	26.61	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#0	22.69	26.69	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#1	22.71	26.71	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#3	22.73	26.73	30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	21.65	25.65	30	PASS

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Band66	1.4MHz	64QAM	132322	1RB#5	22.77	26.77	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	22.93	26.93	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	22.81	26.81	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#1	22.88	26.88	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#3	22.83	26.83	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#0	22.83	26.83	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	21.77	25.77	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	22.68	26.68	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	22.64	26.64	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	22.76	26.76	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#0	22.64	26.64	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#1	22.77	26.77	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#3	22.68	26.68	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	21.63	25.63	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.21	26.21	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.31	26.31	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.27	26.27	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.97	25.97	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.00	26	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.00	26	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.89	24.89	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.47	26.47	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.67	26.67	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.64	26.64	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.49	26.49	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.57	26.57	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.51	26.51	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.43	25.43	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.59	26.59	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.50	26.5	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.60	26.6	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.46	26.46	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.44	26.44	30	PASS

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Band66	1.4MHz	16QAM	132665	3RB#3	22.37	26.37	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.43	25.43	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.08	27.08	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.80	26.8	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.12	27.12	30	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.05	26.05	30	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.76	25.76	30	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.98	25.98	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.95	25.95	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.44	27.44	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.39	27.39	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.35	27.35	30	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.49	26.49	30	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.47	26.47	30	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.45	26.45	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.48	26.48	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.47	27.47	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.38	27.38	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.44	27.44	30	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.49	26.49	30	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.51	26.51	30	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.47	26.47	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.50	26.5	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	22.69	26.69	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	22.93	26.93	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	22.73	26.73	30	PASS
Band66	3MHz	64QAM	131987	8RB#0	21.74	25.74	30	PASS
Band66	3MHz	64QAM	131987	8RB#4	21.78	25.78	30	PASS
Band66	3MHz	64QAM	131987	8RB#7	21.77	25.77	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	21.74	25.74	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	22.90	26.9	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	22.88	26.88	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	23.05	27.05	30	PASS

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Band66	3MHz	64QAM	132322	8RB#0	21.78	25.78	30	PASS
Band66	3MHz	64QAM	132322	8RB#7	21.87	25.87	30	PASS
Band66	3MHz	64QAM	132322	8RB#4	21.90	25.9	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	21.83	25.83	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	22.71	26.71	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	22.84	26.84	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	22.70	26.7	30	PASS
Band66	3MHz	64QAM	132657	8RB#7	21.67	25.67	30	PASS
Band66	3MHz	64QAM	132657	8RB#0	21.72	25.72	30	PASS
Band66	3MHz	64QAM	132657	8RB#4	21.75	25.75	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	21.78	25.78	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.97	25.97	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.37	26.37	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.39	26.39	30	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.06	25.06	30	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.87	24.87	30	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.00	25	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.93	24.93	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.63	26.63	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.83	26.83	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.67	26.67	30	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.55	25.55	30	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.49	25.49	30	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.49	25.49	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.44	25.44	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.56	26.56	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.65	26.65	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.53	26.53	30	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.48	25.48	30	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.51	25.51	30	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.51	25.51	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.48	25.48	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.09	27.09	30	PASS

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Band66	5MHz	QPSK	131997	1RB#0	22.78	26.78	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.33	27.33	30	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.33	26.33	30	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.11	26.11	30	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.81	25.81	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.09	26.09	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.34	27.34	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.42	27.42	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.43	27.43	30	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.51	26.51	30	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.48	26.48	30	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.49	26.49	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.45	26.45	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.42	27.42	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.40	27.4	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.43	27.43	30	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.48	26.48	30	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.52	26.52	30	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.53	26.53	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.54	26.54	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	22.83	26.83	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	22.71	26.71	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	22.86	26.86	30	PASS
Band66	5MHz	64QAM	131997	12RB#0	21.77	25.77	30	PASS
Band66	5MHz	64QAM	131997	12RB#13	21.81	25.81	30	PASS
Band66	5MHz	64QAM	131997	12RB#6	21.85	25.85	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	21.78	25.78	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	22.91	26.91	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	22.98	26.98	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	22.94	26.94	30	PASS
Band66	5MHz	64QAM	132322	12RB#0	21.91	25.91	30	PASS
Band66	5MHz	64QAM	132322	12RB#6	21.88	25.88	30	PASS
Band66	5MHz	64QAM	132322	12RB#13	21.92	25.92	30	PASS

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Band66	5MHz	64QAM	132322	25RB#0	21.88	25.88	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	22.75	26.75	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	22.65	26.65	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	22.79	26.79	30	PASS
Band66	5MHz	64QAM	132647	12RB#13	21.75	25.75	30	PASS
Band66	5MHz	64QAM	132647	12RB#6	21.73	25.73	30	PASS
Band66	5MHz	64QAM	132647	12RB#0	21.68	25.68	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	21.72	25.72	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.68	26.68	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.31	26.31	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.07	26.07	30	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.86	24.86	30	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.13	25.13	30	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.34	25.34	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.09	25.09	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.63	26.63	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.65	26.65	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.73	26.73	30	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.53	25.53	30	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.51	25.51	30	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.50	25.5	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.37	25.37	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.58	26.58	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.58	26.58	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.61	26.61	30	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.48	25.48	30	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.50	25.5	30	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.55	25.55	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.45	25.45	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.83	26.83	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.15	27.15	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.31	27.31	30	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.15	26.15	30	PASS

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Band66	10MHz	QPSK	132022	25RB#12	22.37	26.37	30	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.31	26.31	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.33	26.33	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.34	27.34	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.35	27.35	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.43	27.43	30	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.47	26.47	30	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.48	26.48	30	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.45	26.45	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.45	26.45	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.35	27.35	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.29	27.29	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.43	27.43	30	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.50	26.5	30	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.51	26.51	30	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.46	26.46	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.45	26.45	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	22.70	26.7	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	22.96	26.96	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	22.80	26.8	30	PASS
Band66	10MHz	64QAM	132022	25RB#12	21.81	25.81	30	PASS
Band66	10MHz	64QAM	132022	25RB#0	21.77	25.77	30	PASS
Band66	10MHz	64QAM	132022	25RB#25	21.75	25.75	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	21.81	25.81	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	22.99	26.99	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	22.94	26.94	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	22.90	26.9	30	PASS
Band66	10MHz	64QAM	132322	25RB#0	21.85	25.85	30	PASS
Band66	10MHz	64QAM	132322	25RB#12	21.87	25.87	30	PASS
Band66	10MHz	64QAM	132322	25RB#25	21.78	25.78	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	21.86	25.86	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	22.78	26.78	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	22.68	26.68	30	PASS

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Band66	10MHz	64QAM	132622	1RB#0	22.78	26.78	30	PASS
Band66	10MHz	64QAM	132622	25RB#25	21.69	25.69	30	PASS
Band66	10MHz	64QAM	132622	25RB#0	21.71	25.71	30	PASS
Band66	10MHz	64QAM	132622	25RB#12	21.69	25.69	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	21.72	25.72	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.58	26.58	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.13	26.13	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.52	26.52	30	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.30	25.3	30	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.09	25.09	30	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.38	25.38	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.35	25.35	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.74	26.74	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.57	26.57	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.61	26.61	30	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.48	25.48	30	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.47	25.47	30	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.44	25.44	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.49	25.49	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.48	26.48	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.61	26.61	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.63	26.63	30	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.46	25.46	30	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.45	25.45	30	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.42	25.42	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.46	25.46	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.74	26.74	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.40	27.4	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.38	27.38	30	PASS
Band66	15MHz	QPSK	132047	36RB#39	22.50	26.5	30	PASS
Band66	15MHz	QPSK	132047	36RB#18	22.52	26.52	30	PASS
Band66	15MHz	QPSK	132047	36RB#0	22.28	26.28	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.50	26.5	30	PASS

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Band66	15MHz	QPSK	132322	1RB#74	23.60	27.6	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.53	27.53	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.49	27.49	30	PASS
Band66	15MHz	QPSK	132322	36RB#0	22.65	26.65	30	PASS
Band66	15MHz	QPSK	132322	36RB#39	22.54	26.54	30	PASS
Band66	15MHz	QPSK	132322	36RB#18	22.65	26.65	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.66	26.66	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.50	27.5	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.60	27.6	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.53	27.53	30	PASS
Band66	15MHz	QPSK	132597	36RB#39	22.64	26.64	30	PASS
Band66	15MHz	QPSK	132597	36RB#0	22.67	26.67	30	PASS
Band66	15MHz	QPSK	132597	36RB#18	22.67	26.67	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.65	26.65	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	23.06	27.06	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	22.87	26.87	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	22.91	26.91	30	PASS
Band66	15MHz	64QAM	132047	36RB#0	21.95	25.95	30	PASS
Band66	15MHz	64QAM	132047	36RB#18	21.97	25.97	30	PASS
Band66	15MHz	64QAM	132047	36RB#39	21.91	25.91	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	21.95	25.95	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	23.14	27.14	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	22.94	26.94	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	22.92	26.92	30	PASS
Band66	15MHz	64QAM	132322	36RB#0	21.98	25.98	30	PASS
Band66	15MHz	64QAM	132322	36RB#18	22.04	26.04	30	PASS
Band66	15MHz	64QAM	132322	36RB#39	21.93	25.93	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	21.96	25.96	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	22.81	26.81	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	22.81	26.81	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	23.00	27	30	PASS
Band66	15MHz	64QAM	132597	36RB#0	21.86	25.86	30	PASS
Band66	15MHz	64QAM	132597	36RB#18	21.83	25.83	30	PASS

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Band66	15MHz	64QAM	132597	36RB#39	21.80	25.8	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	21.83	25.83	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.99	25.99	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.78	26.78	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.77	26.77	30	PASS
Band66	15MHz	16QAM	132047	36RB#0	21.22	25.22	30	PASS
Band66	15MHz	16QAM	132047	36RB#18	21.54	25.54	30	PASS
Band66	15MHz	16QAM	132047	36RB#39	21.54	25.54	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.53	25.53	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.82	26.82	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.82	26.82	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.98	26.98	30	PASS
Band66	15MHz	16QAM	132322	36RB#0	21.67	25.67	30	PASS
Band66	15MHz	16QAM	132322	36RB#18	21.63	25.63	30	PASS
Band66	15MHz	16QAM	132322	36RB#39	21.62	25.62	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.66	25.66	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.73	26.73	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.81	26.81	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.69	26.69	30	PASS
Band66	15MHz	16QAM	132597	36RB#39	21.63	25.63	30	PASS
Band66	15MHz	16QAM	132597	36RB#0	21.64	25.64	30	PASS
Band66	15MHz	16QAM	132597	36RB#18	21.61	25.61	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.65	25.65	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.33	27.33	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.45	27.45	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.93	26.93	30	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.55	26.55	30	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.52	26.52	30	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.55	26.55	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.51	26.51	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.64	27.64	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.51	27.51	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.53	27.53	30	PASS

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Band66	20MHz	QPSK	132322	50RB#25	22.68	26.68	30	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.61	26.61	30	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.66	26.66	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.65	26.65	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.53	27.53	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.59	27.59	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.53	27.53	30	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.69	26.69	30	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.68	26.68	30	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.69	26.69	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.70	26.7	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	22.89	26.89	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	22.93	26.93	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	23.08	27.08	30	PASS
Band66	20MHz	64QAM	132072	50RB#0	21.95	25.95	30	PASS
Band66	20MHz	64QAM	132072	50RB#25	21.99	25.99	30	PASS
Band66	20MHz	64QAM	132072	50RB#50	21.96	25.96	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	21.92	25.92	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	23.00	27	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	23.01	27.01	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	23.03	27.03	30	PASS
Band66	20MHz	64QAM	132322	50RB#25	21.98	25.98	30	PASS
Band66	20MHz	64QAM	132322	50RB#50	21.92	25.92	30	PASS
Band66	20MHz	64QAM	132322	50RB#0	22.00	26	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	21.95	25.95	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	22.85	26.85	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	22.76	26.76	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	22.92	26.92	30	PASS
Band66	20MHz	64QAM	132572	50RB#50	21.84	25.84	30	PASS
Band66	20MHz	64QAM	132572	50RB#0	21.89	25.89	30	PASS
Band66	20MHz	64QAM	132572	50RB#25	21.88	25.88	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	21.87	25.87	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.77	26.77	30	PASS

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Band66	20MHz	16QAM	132072	1RB#0	22.14	26.14	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.64	26.64	30	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.59	25.59	30	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.57	25.57	30	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.51	25.51	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.56	25.56	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.78	26.78	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.91	26.91	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.80	26.8	30	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.69	25.69	30	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.66	25.66	30	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.64	25.64	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.64	25.64	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.79	26.79	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.79	26.79	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.86	26.86	30	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.64	25.64	30	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.69	25.69	30	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.67	25.67	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.67	25.67	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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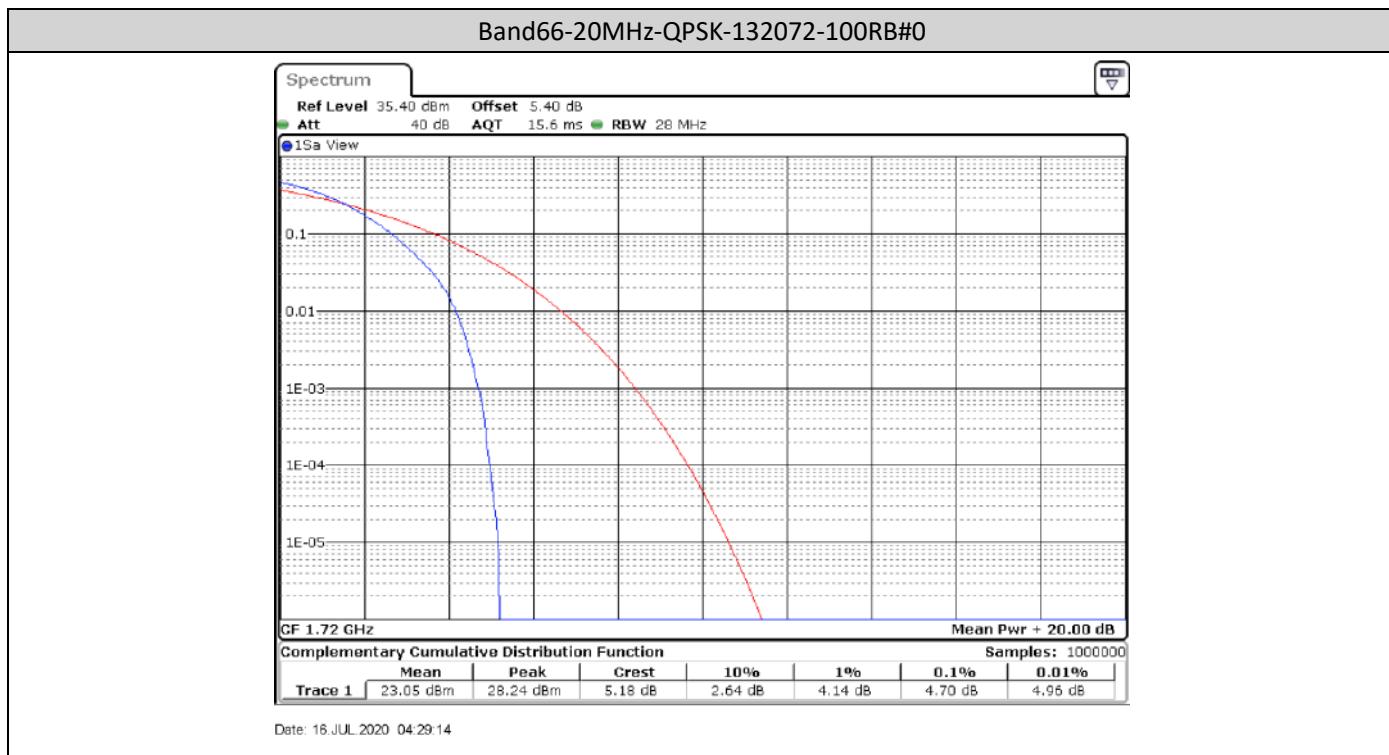
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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	4.70	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.75	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.43	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.46	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.58	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.14	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.80	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.80	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.42	13	PASS

2.2. Test Plots



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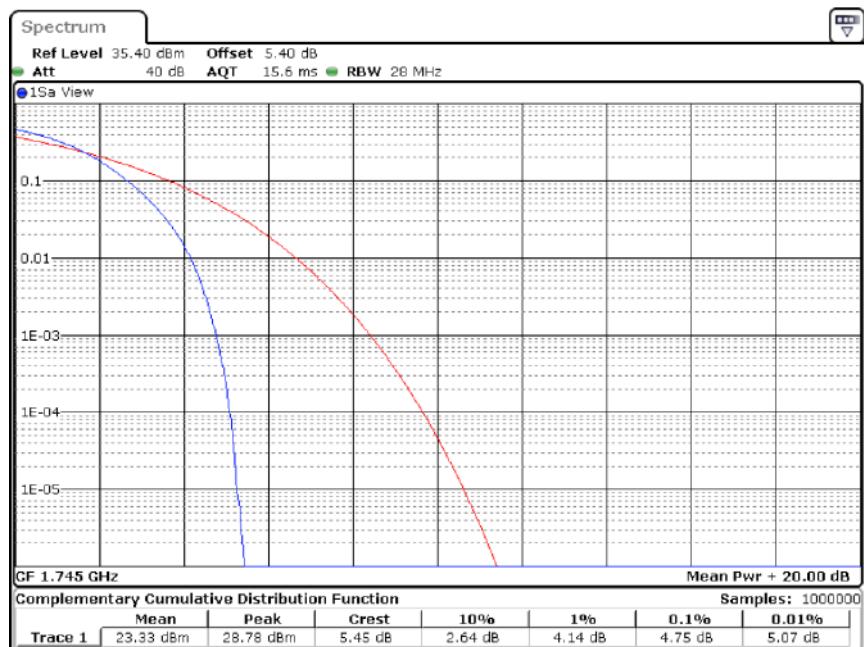
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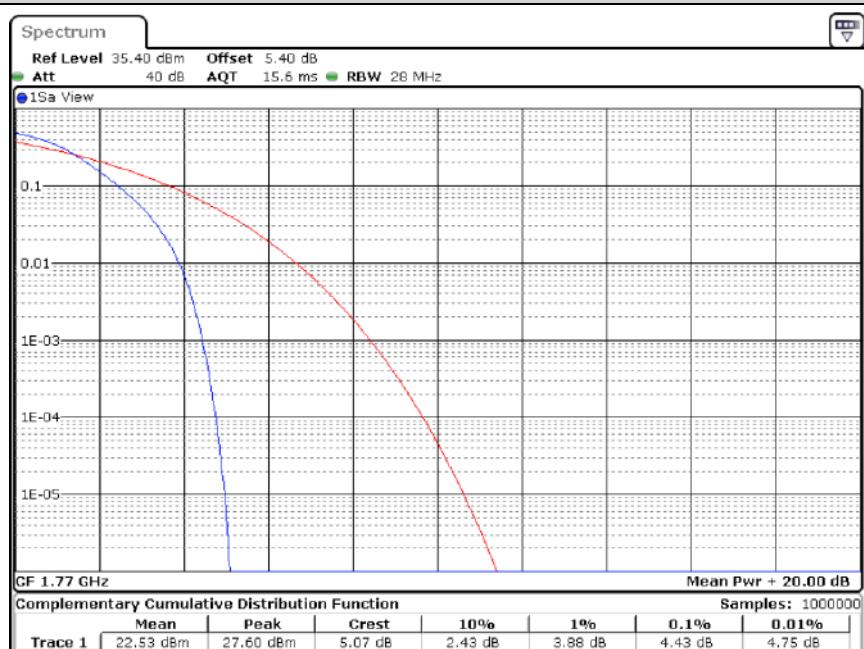
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Band66-20MHz-QPSK-132322-100RB#0



Date: 16 JUL 2020 04:29:37

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



Date: 16 JUL 2020 04:30:00

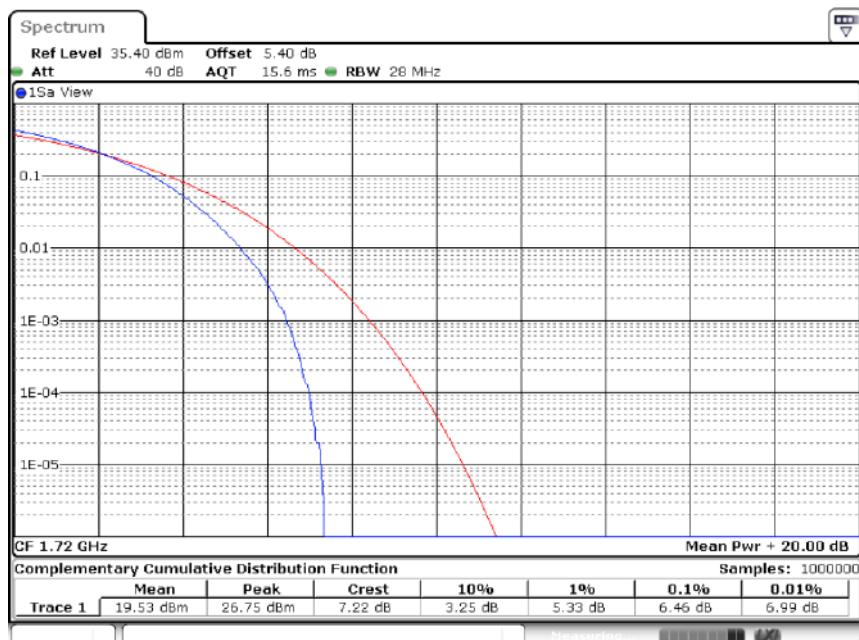
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Band66-20MHz-64QAM-132072-100RB#0



Date: 12 AUG 2020 13:06:31

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



Date: 12 AUG 2020 13:06:42

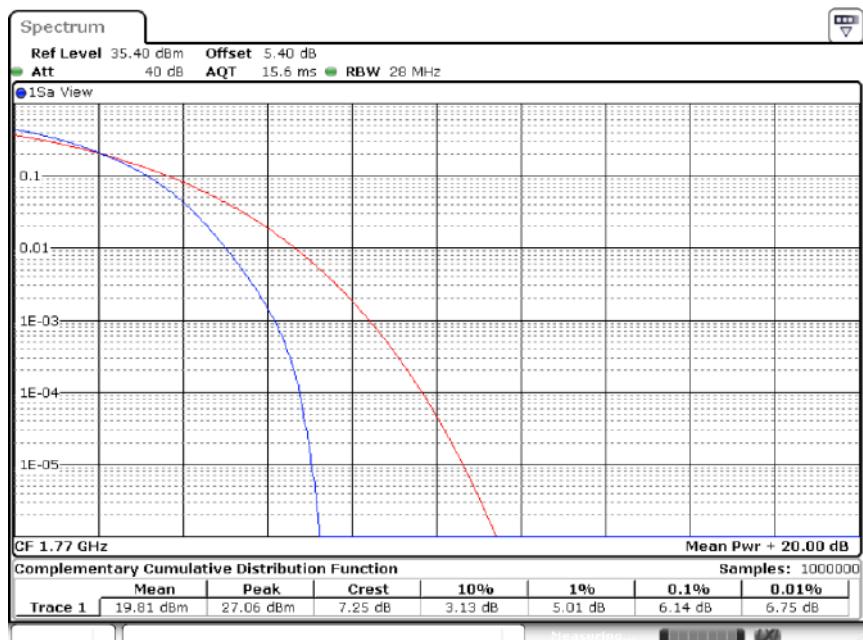
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Band66-20MHz-64QAM-132572-100RB#0



Date: 12 AUG 2020 13:06:54

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



Date: 16 JUL 2020 04:29:26

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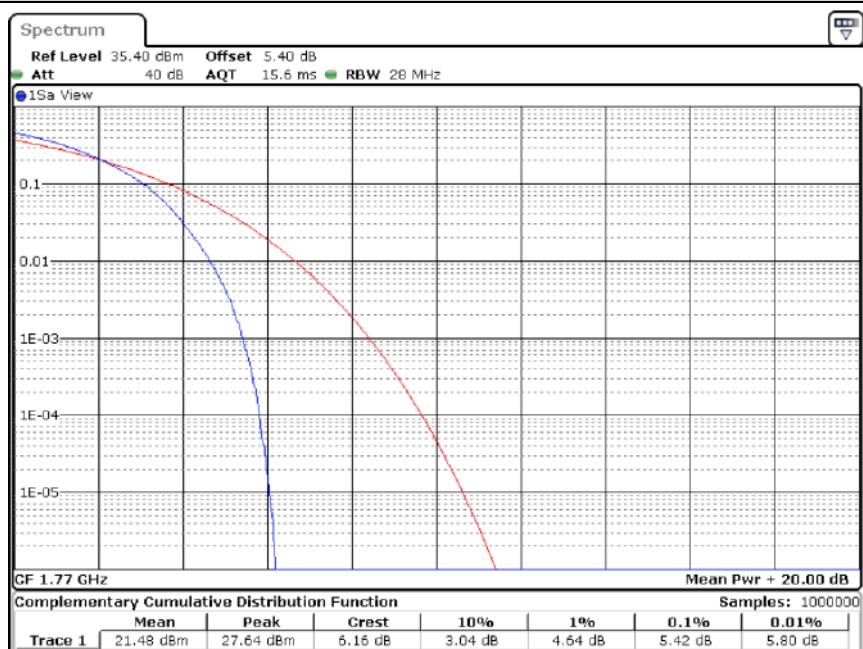
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Band66-20MHz-16QAM-132322-100RB#0



Date: 16 JUL 2020 04:29:48

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



Date: 16 JUL 2020 04:30:11

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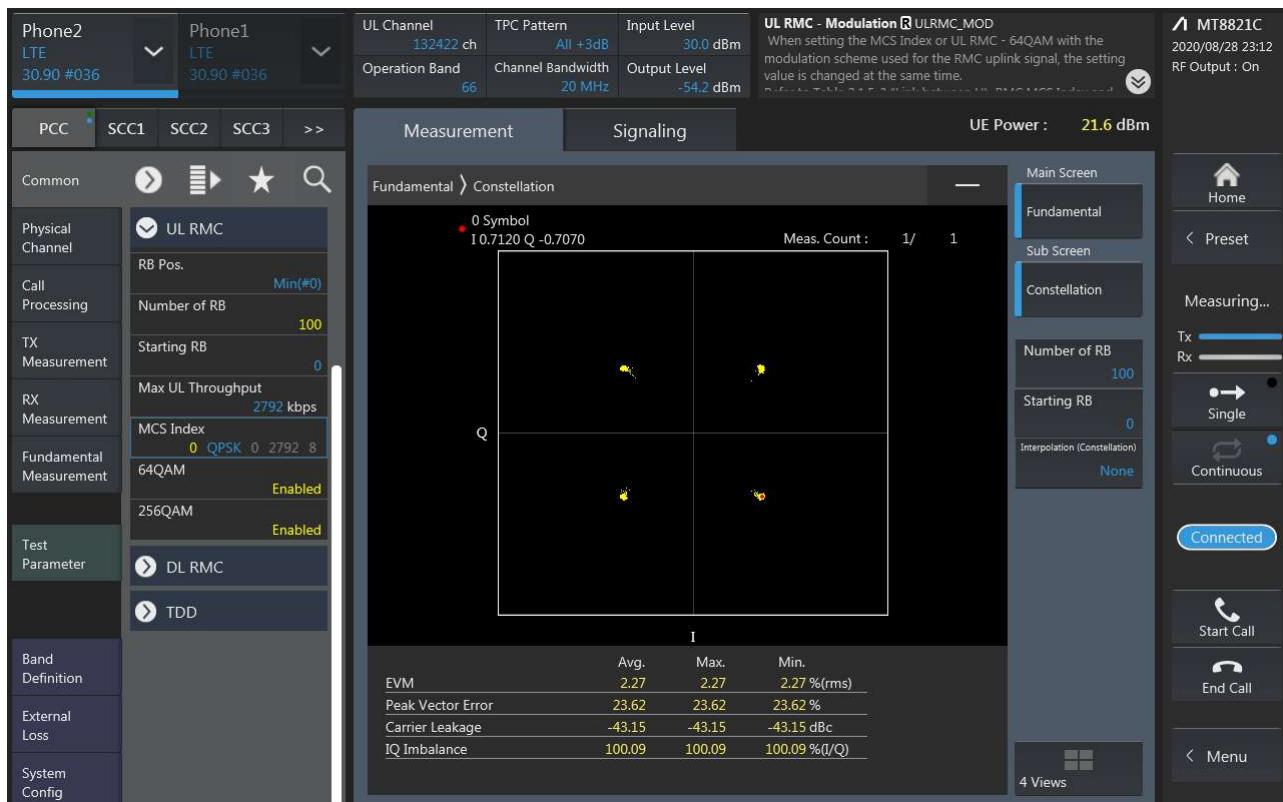


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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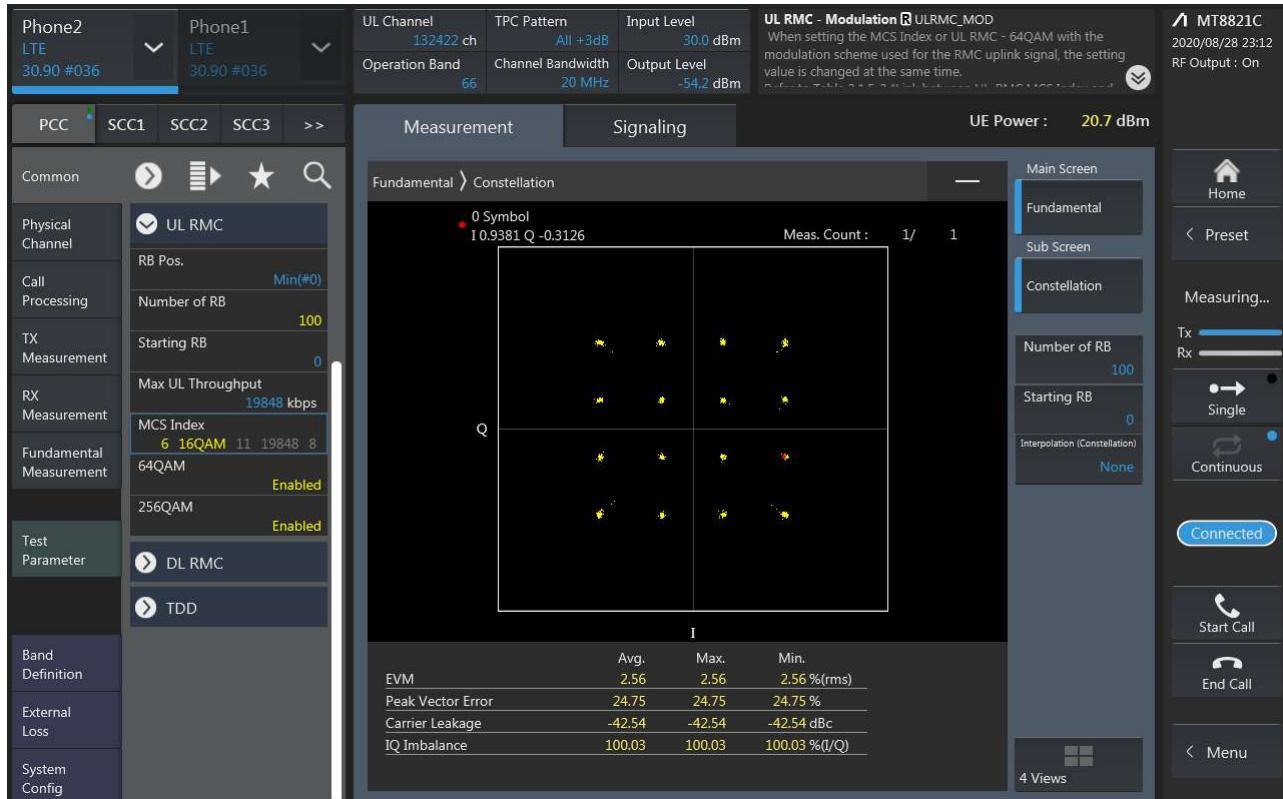
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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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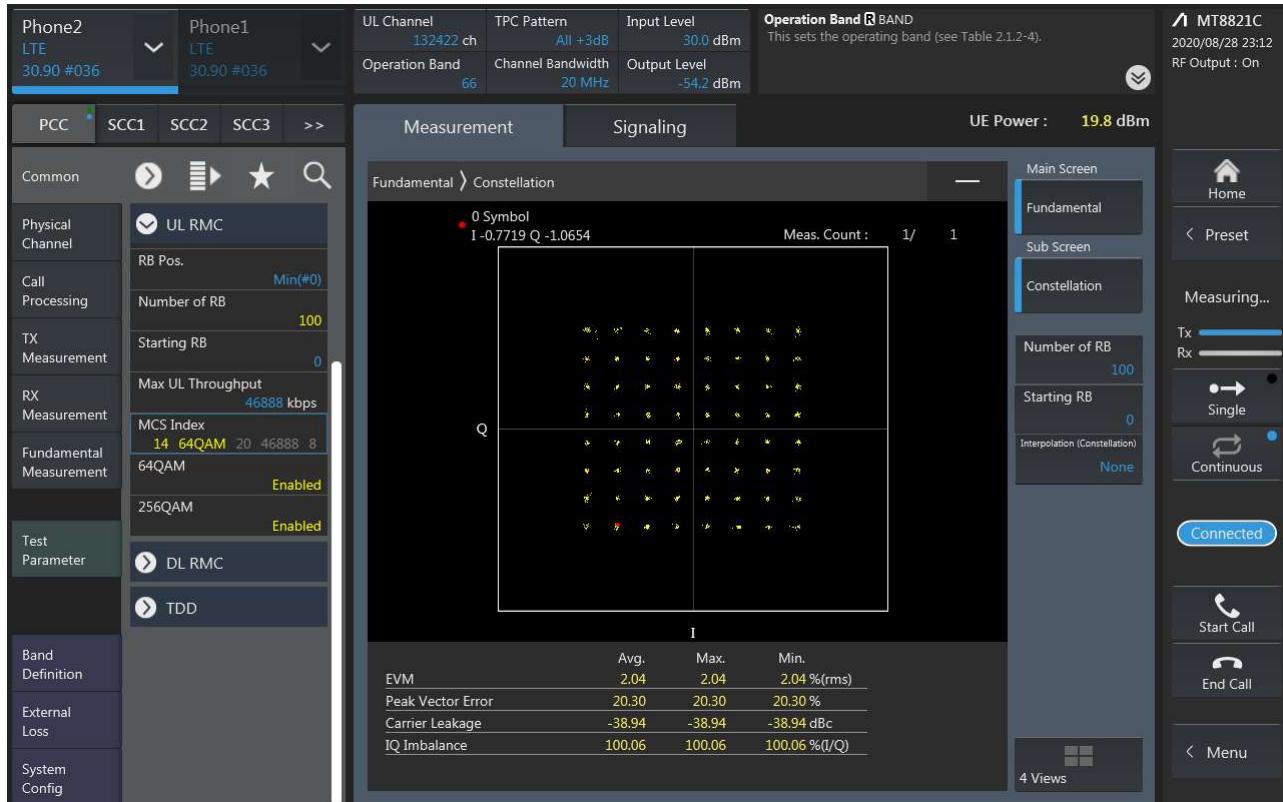
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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.091	1.245	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.091	1.248	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.245	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.097	1.245	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.097	1.245	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.094	1.242	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.239	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.088	1.236	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.091	1.239	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.697	3.012	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.697	3.000	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.691	3.024	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.691	3.006	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.691	3.000	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.685	3.000	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.691	2.976	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.691	2.964	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.685	2.994	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	4.900	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.890	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	4.880	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.476	4.920	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.476	4.900	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	4.890	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	4.970	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.486	4.940	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.496	4.930	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.951	9.740	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.720	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.931	9.740	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.951	9.680	PASS

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Band66	10MHz	64QAM	132322	50RB#0	8.931	9.640	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.911	9.660	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.931	9.680	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.931	9.680	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.931	9.700	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.487	14.730	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.427	14.760	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.427	14.700	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.487	14.820	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.457	14.820	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.427	14.760	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.487	14.640	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.457	14.640	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.457	14.760	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.862	19.240	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.862	19.400	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.902	19.400	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.902	19.480	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.902	19.480	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.902	19.480	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.862	19.320	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.862	19.360	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.862	19.520	PASS

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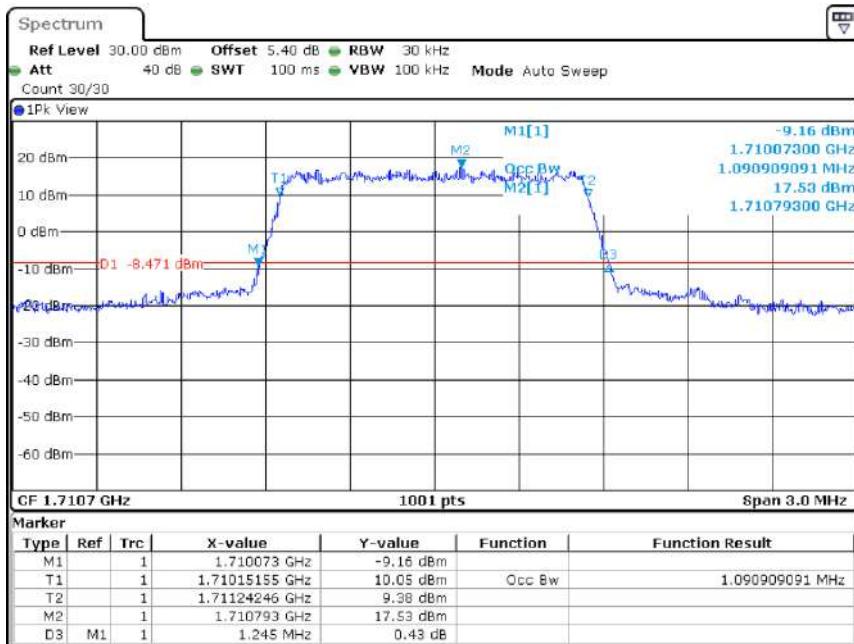
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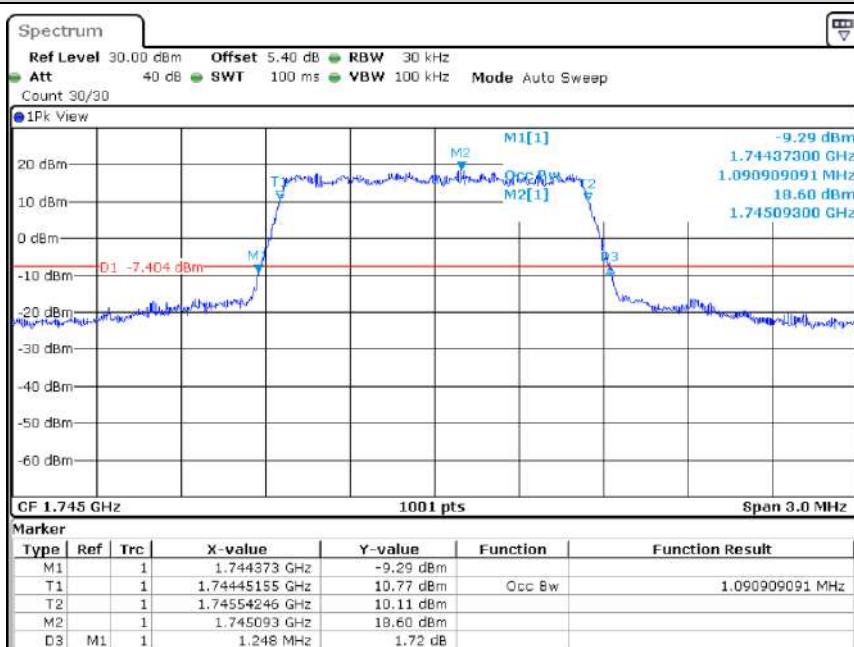
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4.2. Test Plots

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



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



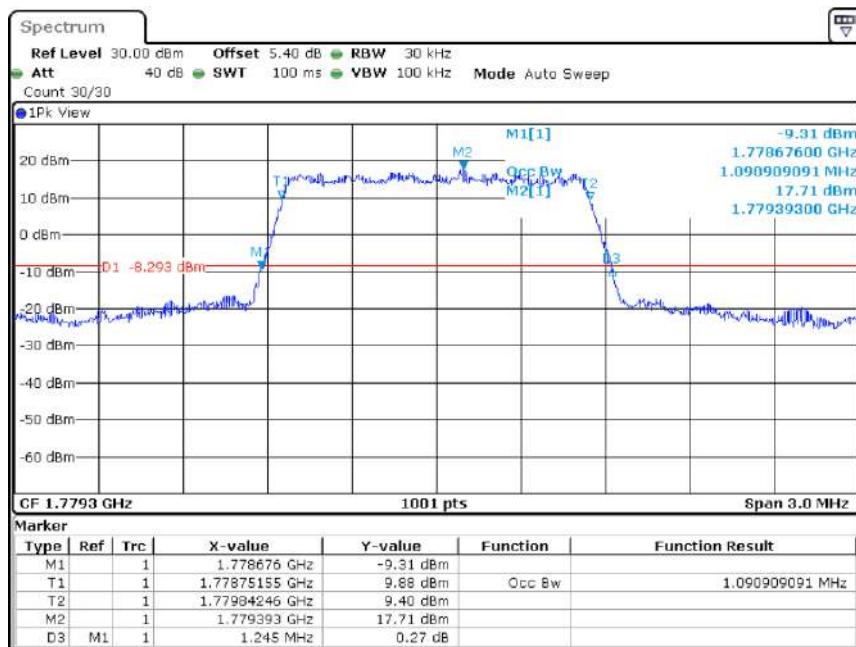
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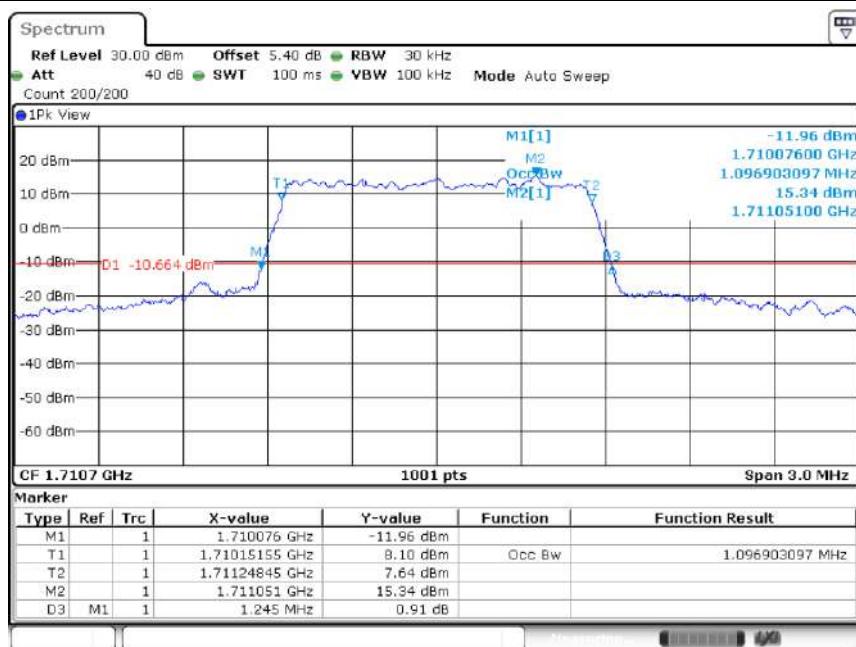


Band66-1.4MHz-QPSK-132665-6RB#0-1.091



Date: 16 JUL 2020 04:00:22

Band66-1.4MHz-64QAM-131979-6RB#0-1.097



Date: 12 AUG 2020 12:44:52

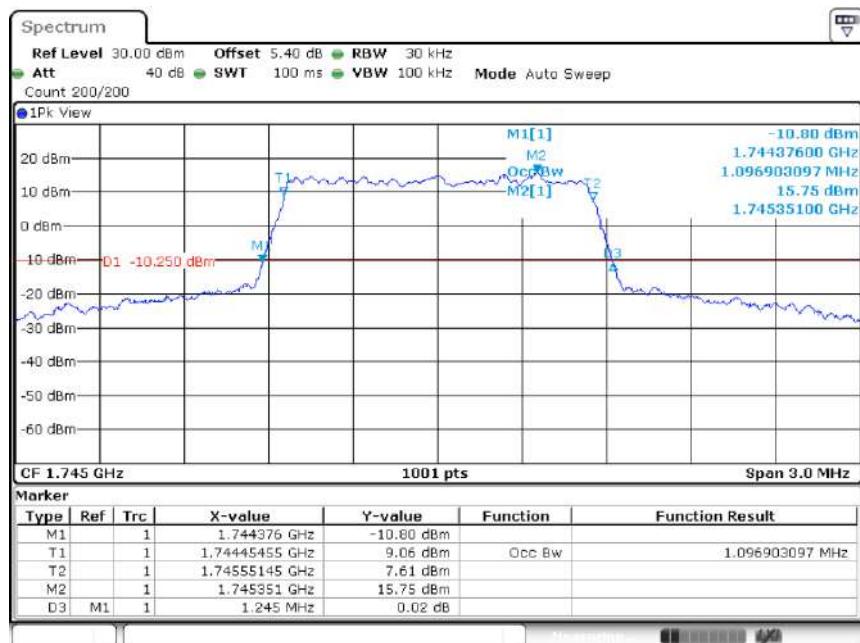
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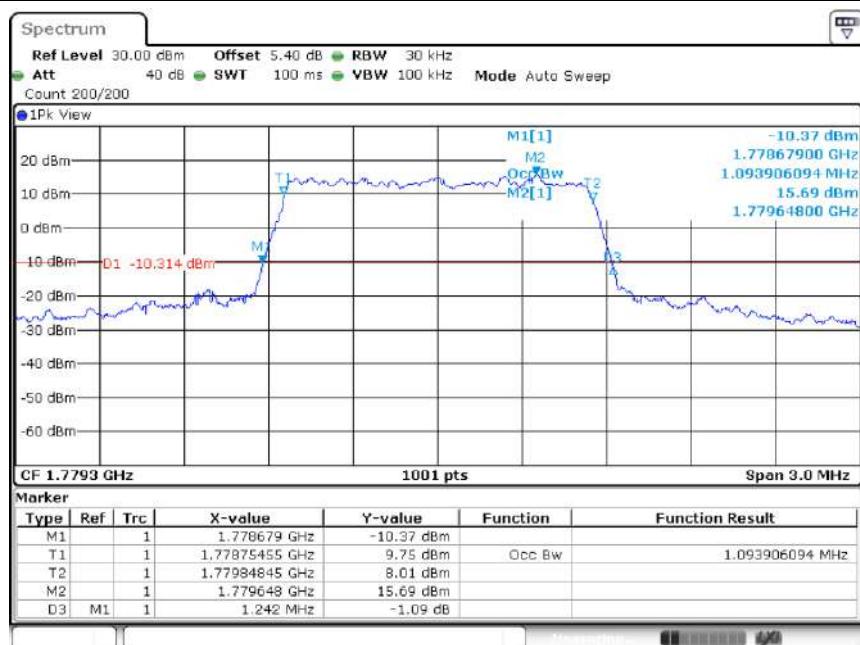
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Band66-1.4MHz-64QAM-132322-6RB#0-1.097



Date: 12 AUG 2020 12:45:25

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



Date: 12 AUG 2020 12:45:58

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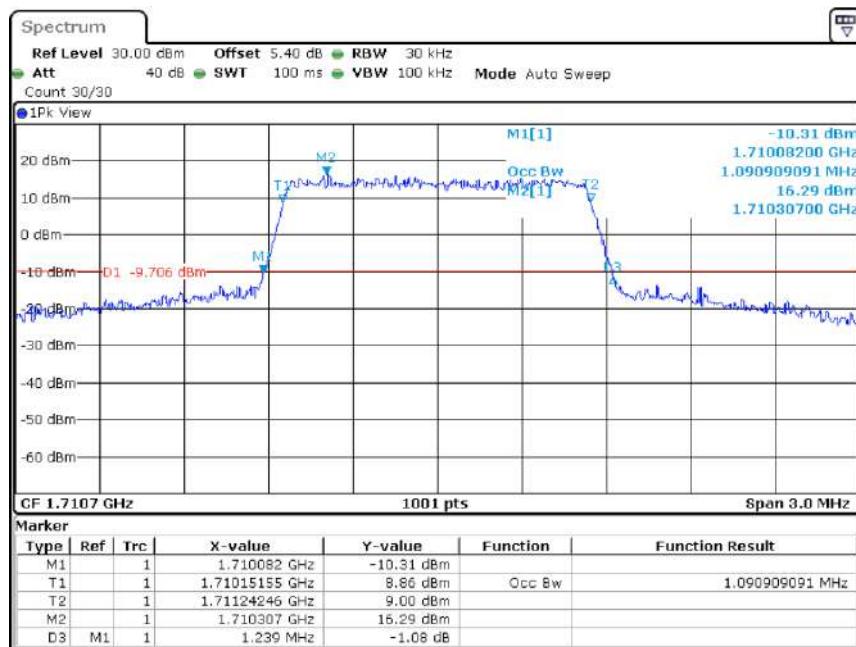
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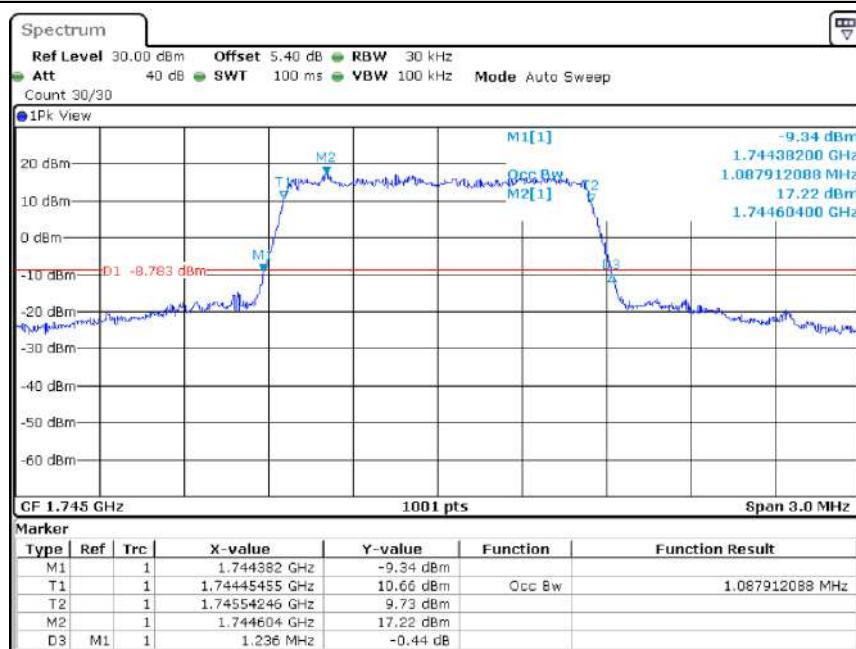
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Band66-1.4MHz-16QAM-131979-6RB#0-1.091



Date: 16 JUL 2020 03:59:43

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



Date: 16 JUL 2020 04:00:09

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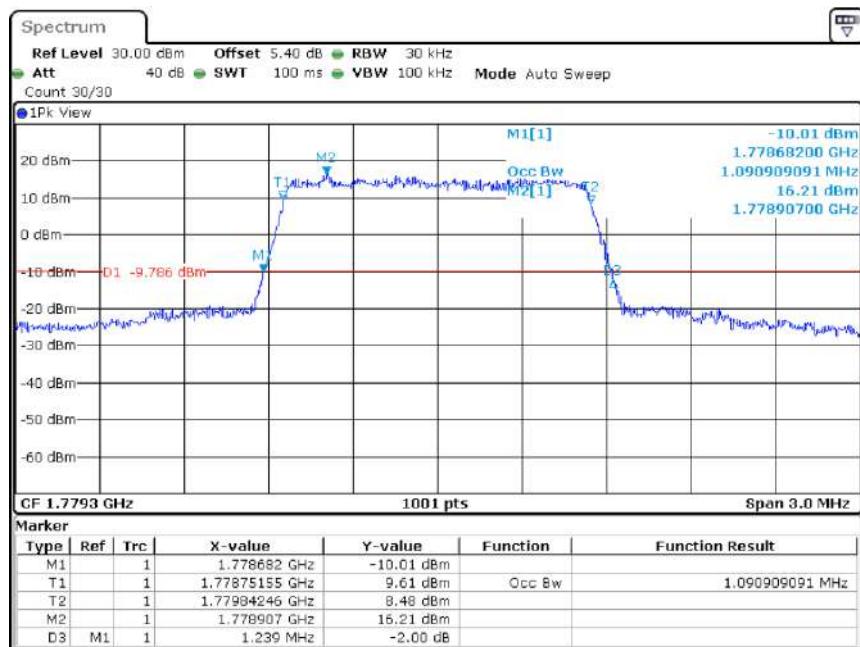
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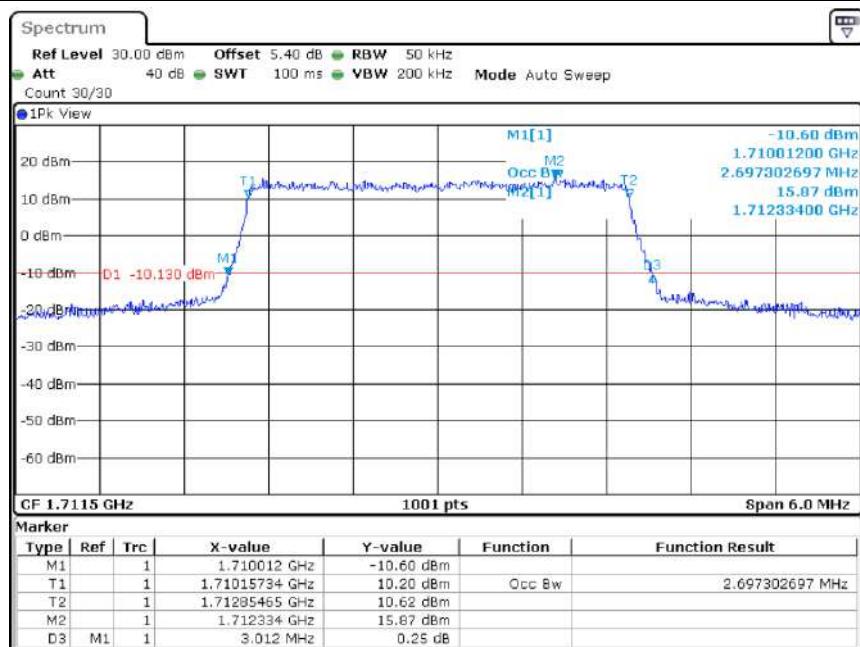
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Band66-1.4MHz-16QAM-132665-6RB#0-1.091



Date: 16 JUL 2020 04:00:34

Band66-3MHz-QPSK-131987-15RB#0-2.697



Date: 16 JUL 2020 04:00:52

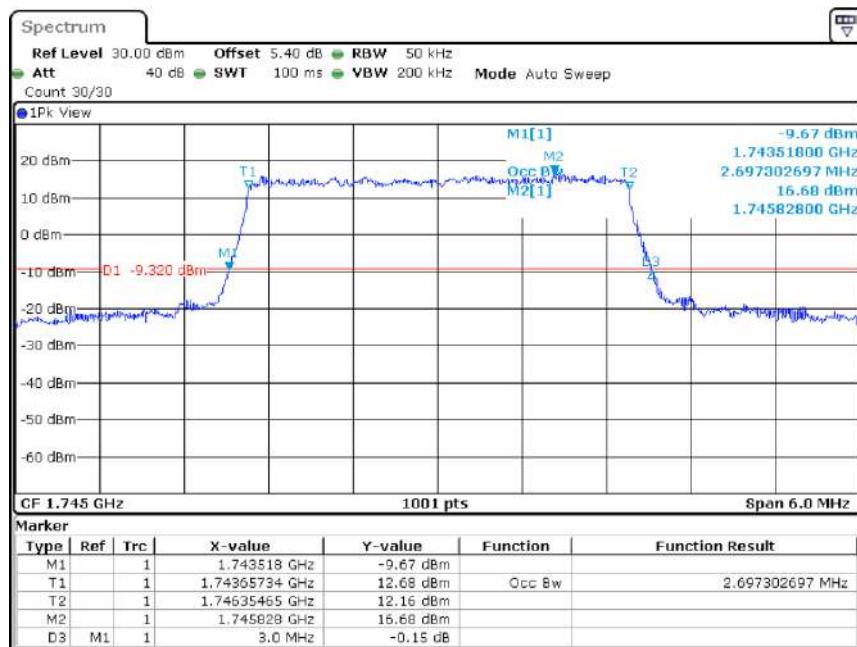
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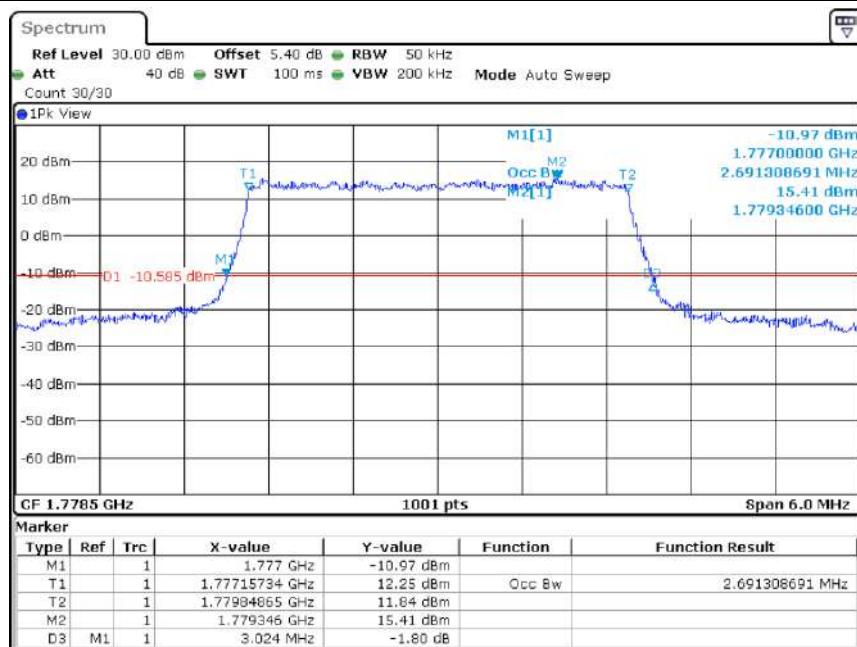
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Band66-3MHz-QPSK-132322-15RB#0-2.697



Date: 16 JUL 2020 04:01:18

Band66-3MHz-QPSK-132657-15RB#0-2.691



Date: 16 JUL 2020 04:01:43

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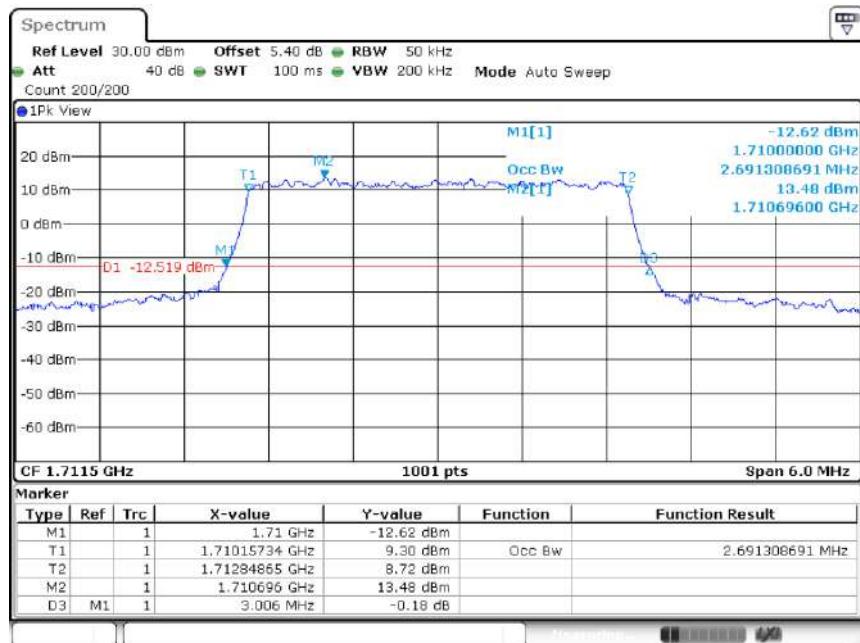
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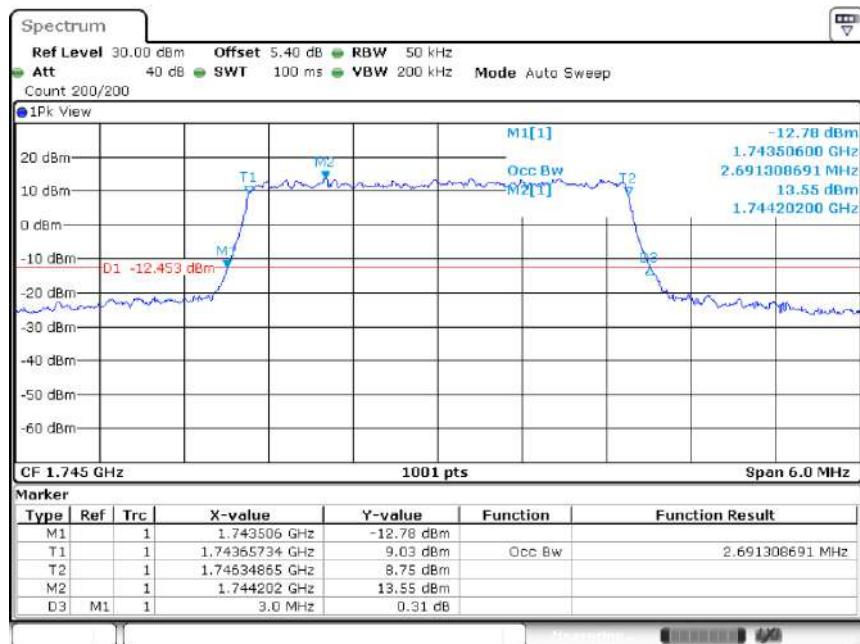
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Band66-3MHz-64QAM-131987-15RB#0-2.691



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



Date: 12 AUG 2020 12:47:11

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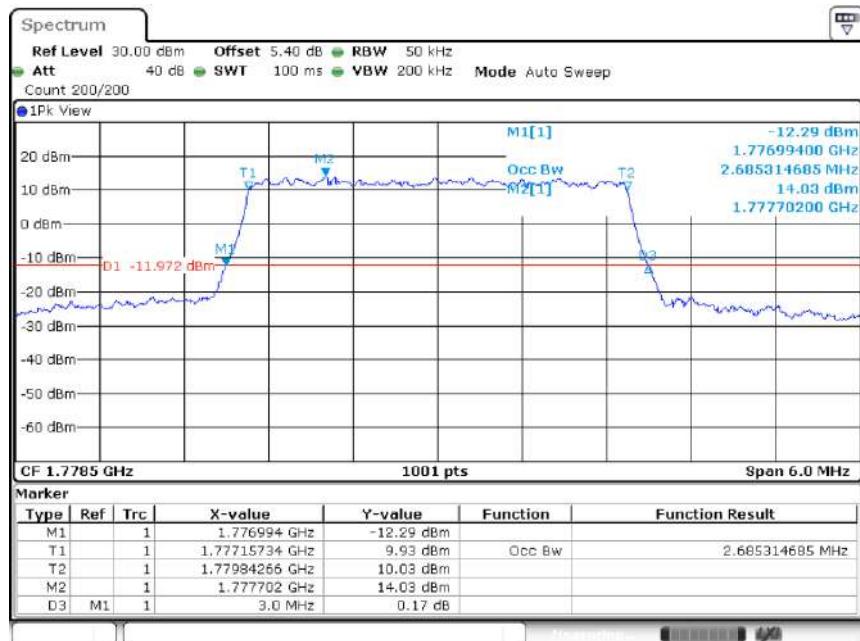
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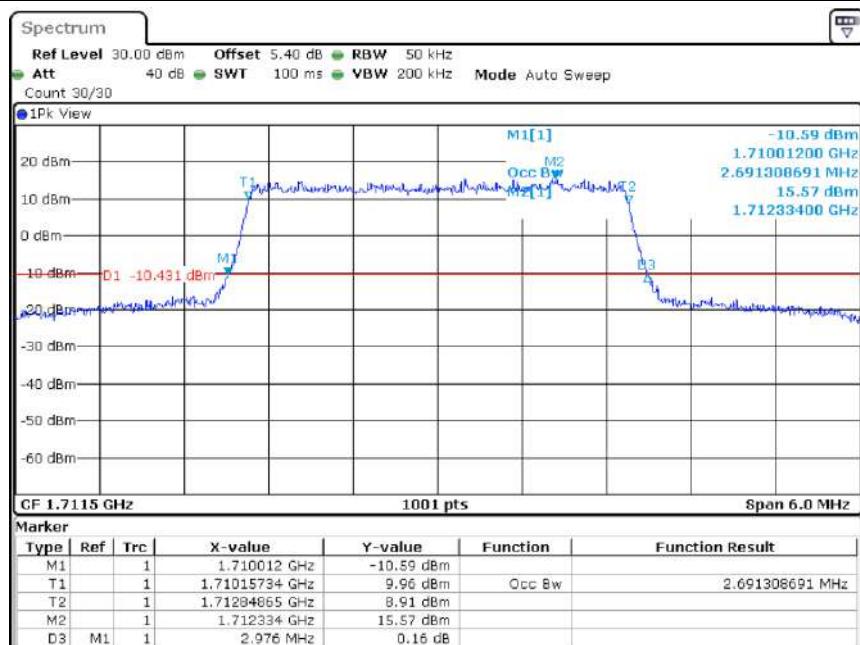
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Band66-3MHz-64QAM-132657-15RB#0-2.685



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

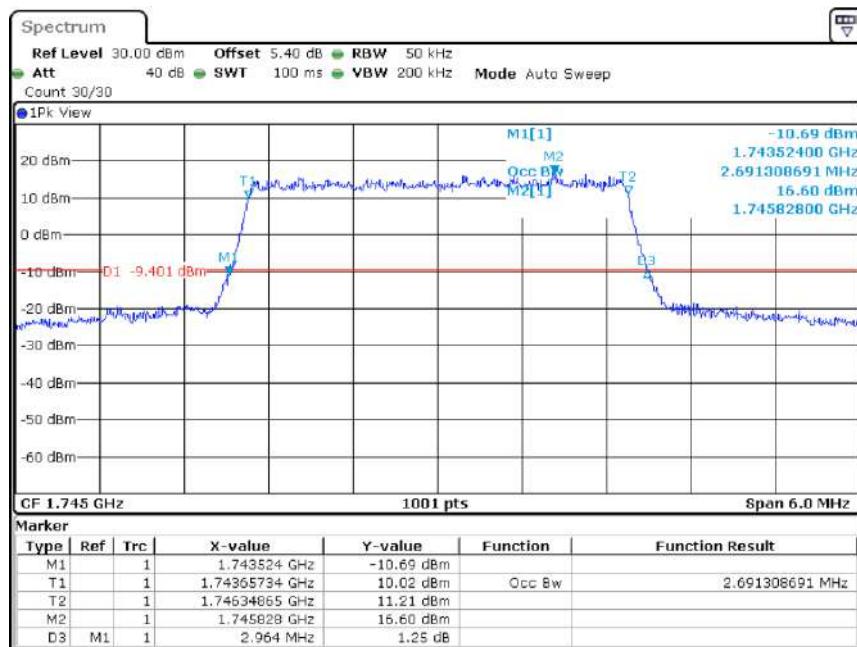


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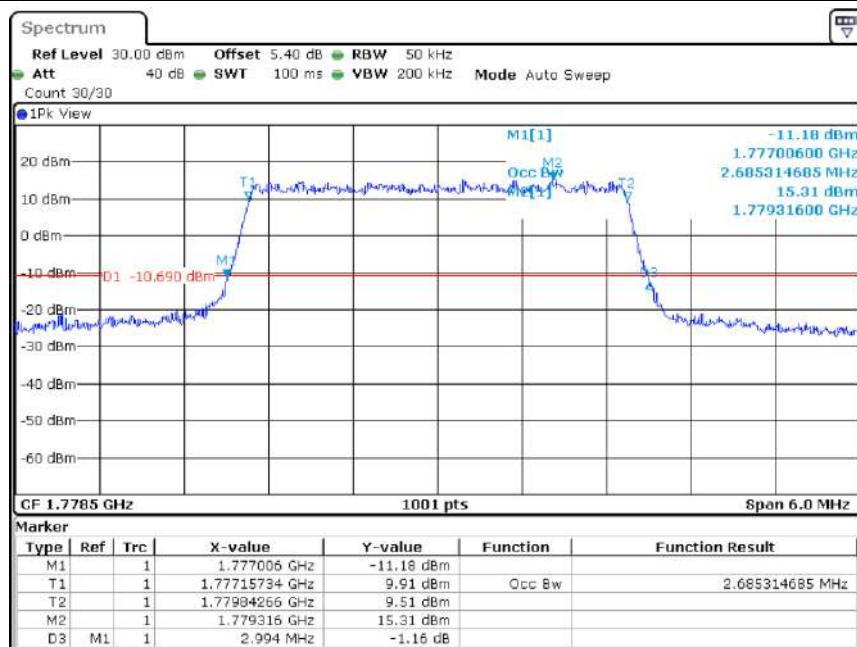


Band66-3MHz-16QAM-132322-15RB#0-2.691



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



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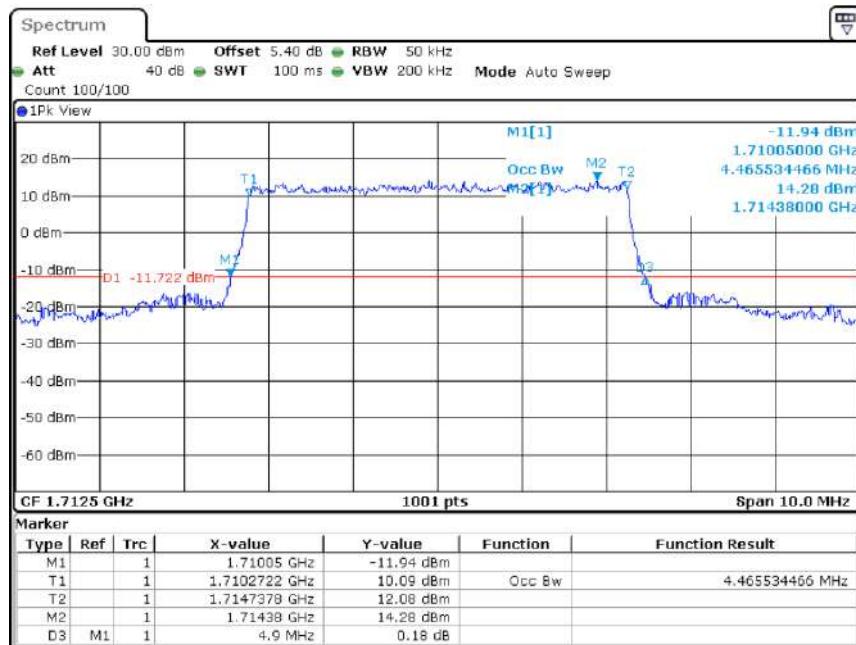
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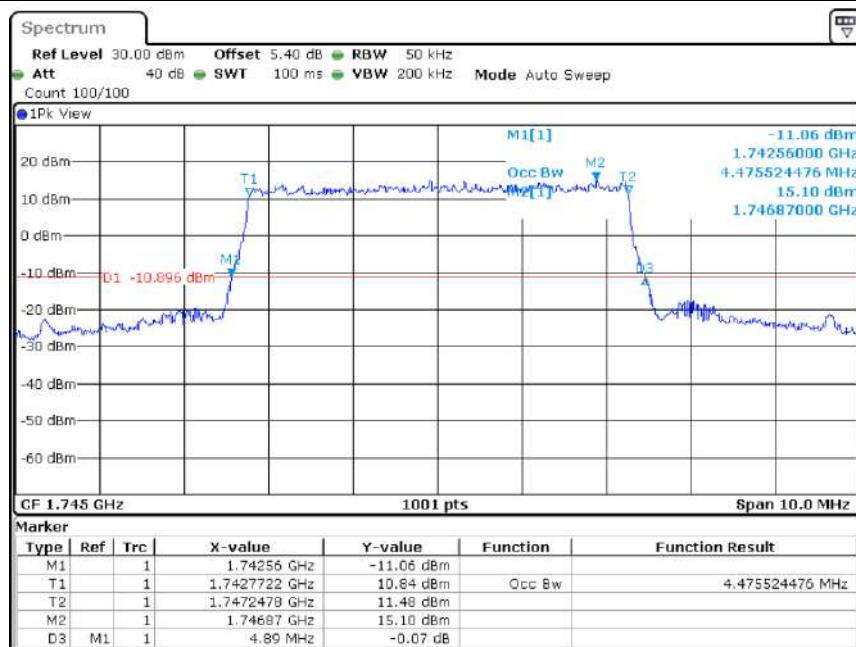
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Band66-5MHz-QPSK-131997-25RB#0-4.466



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



Date: 16 JUL 2020 04:03:00

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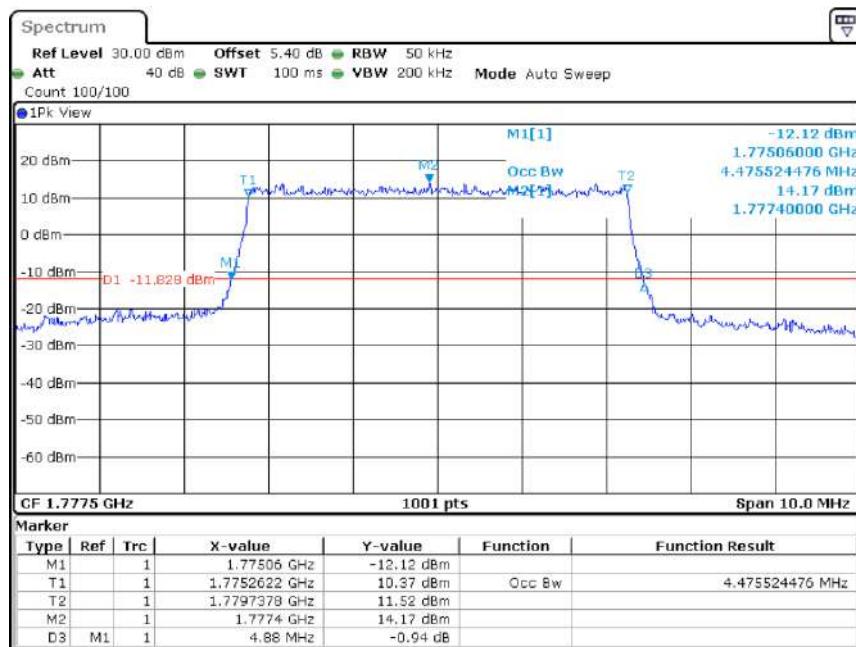
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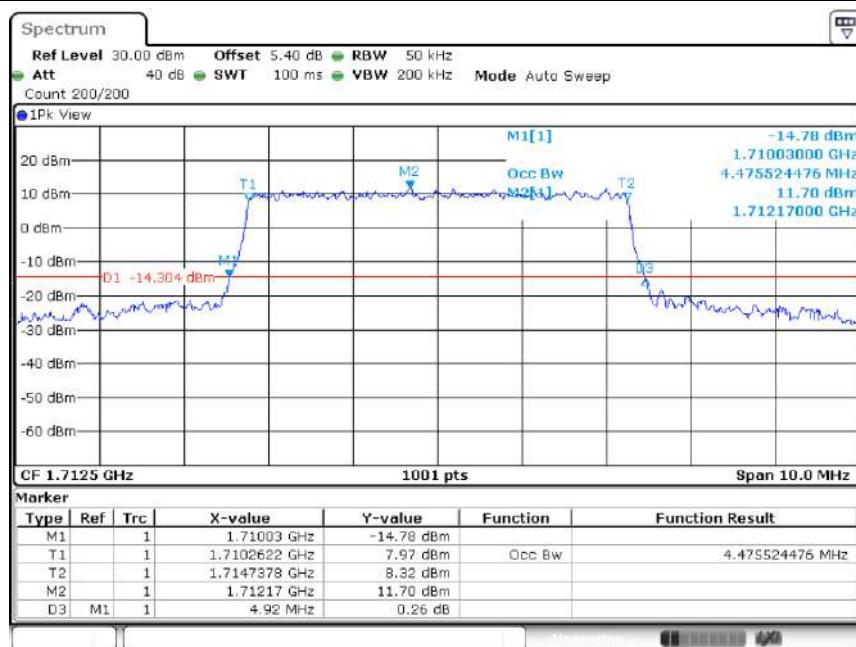
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Band66-5MHz-QPSK-132647-25RB#0-4.476



Date: 16 JUL 2020 04:03:40

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



Date: 12 AUG 2020 12:48:24

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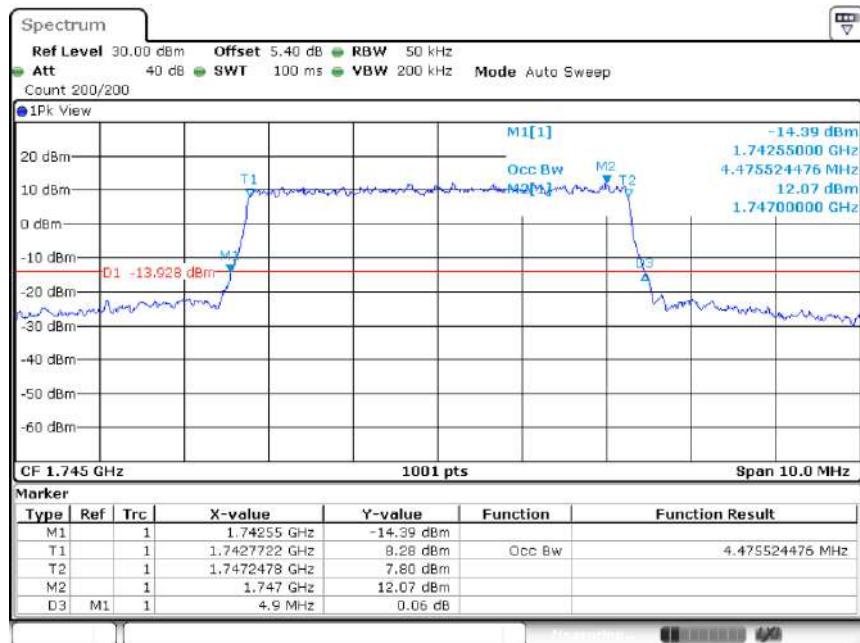
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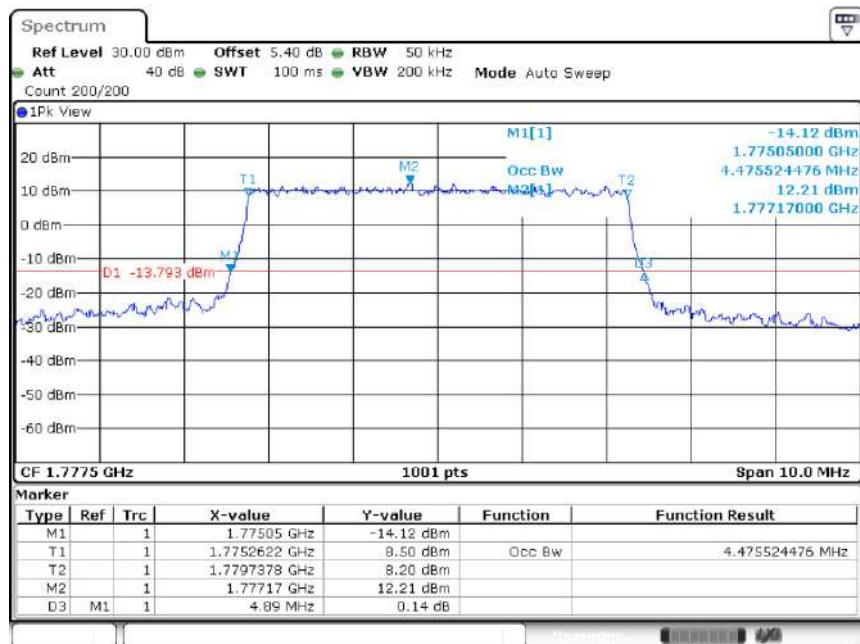
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Band66-5MHz-64QAM-132322-25RB#0-4.476



Date: 12 AUG 2020 12:48:58

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



Date: 12 AUG 2020 12:49:31

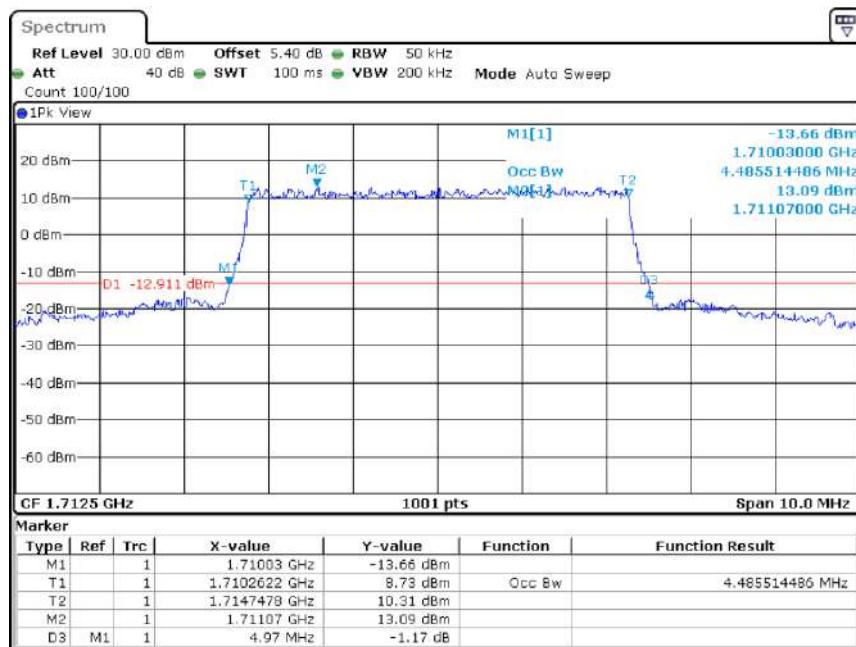
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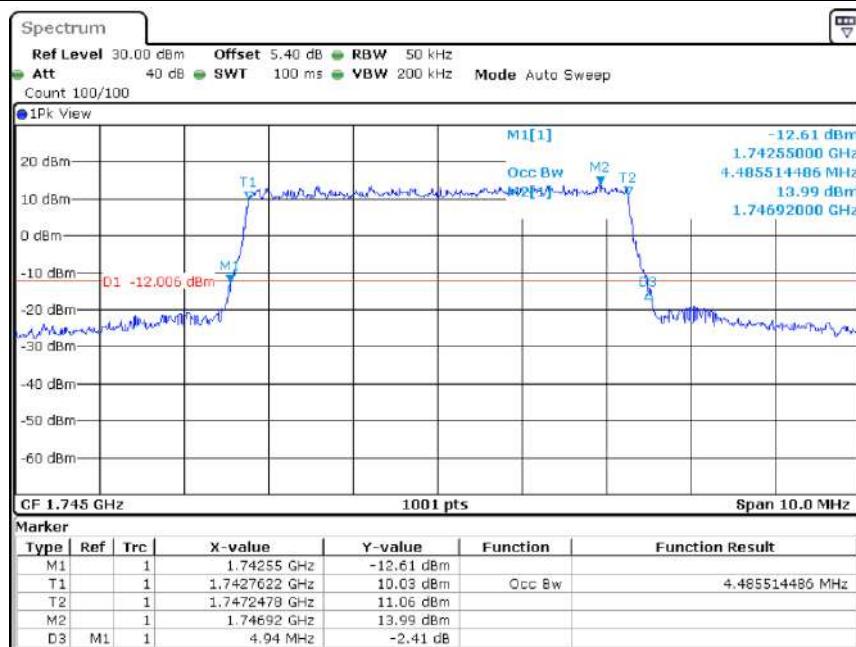
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Band66-5MHz-16QAM-131997-25RB#0-4.486



Date: 16 JUL 2020 04:02:40

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



Date: 16 JUL 2020 04:03:20

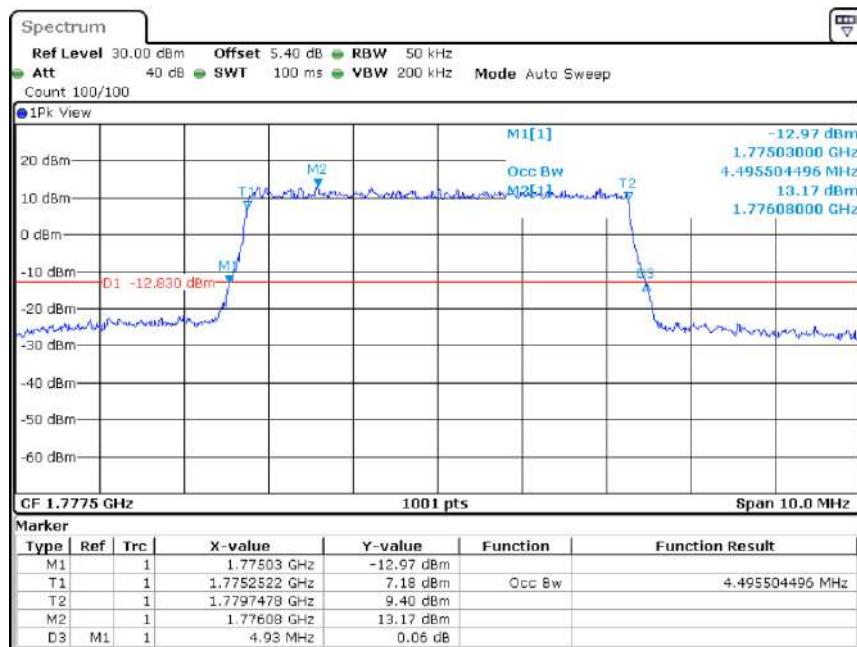
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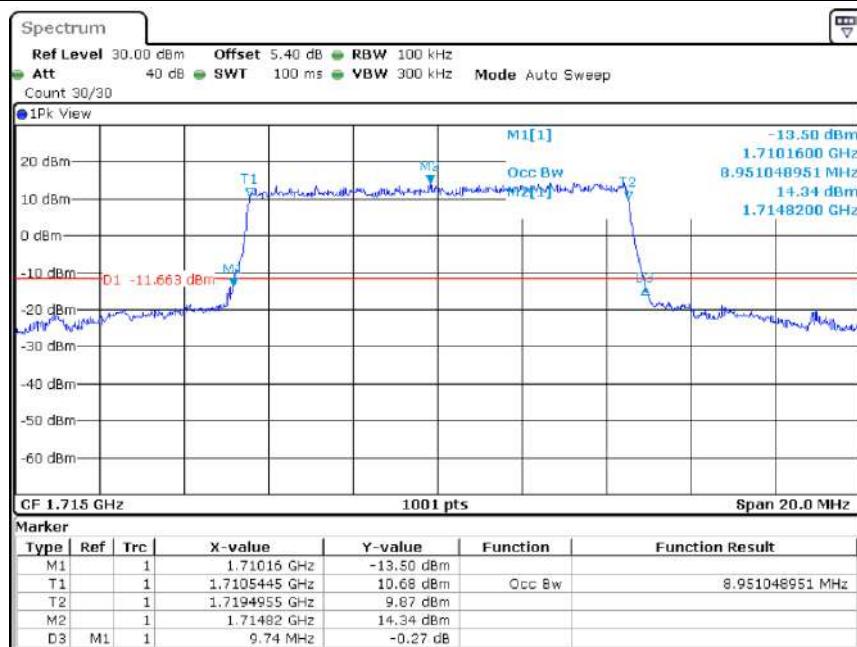
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Band66-5MHz-16QAM-132647-25RB#0-4.496



Date: 16 JUL 2020 04:03:59

Band66-10MHz-QPSK-132022-50RB#0-8.951



Date: 16 JUL 2020 04:04:17

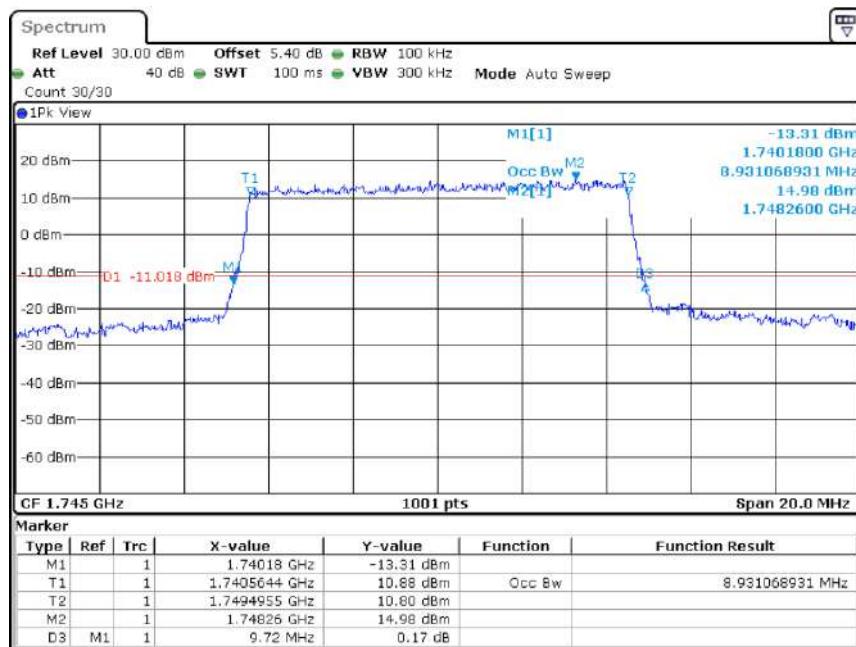
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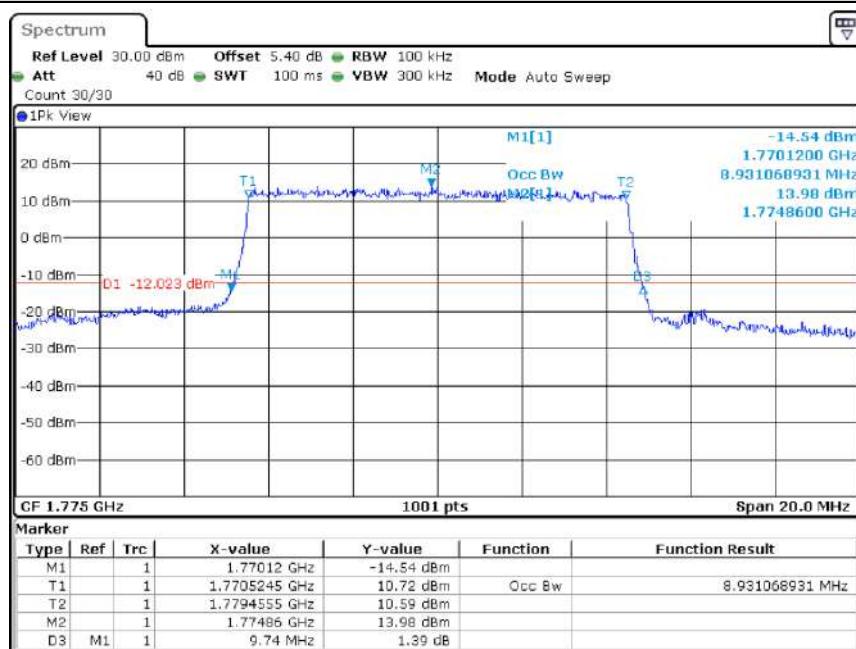
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Band66-10MHz-QPSK-132322-50RB#0-8.931



Date: 16 JUL 2020 04:04:42

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



Date: 16 JUL 2020 04:05:08

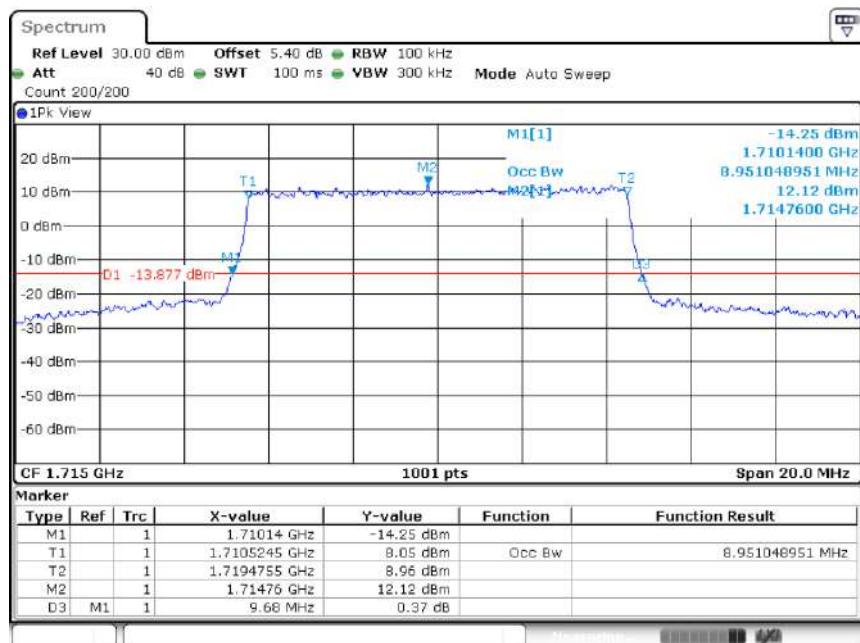
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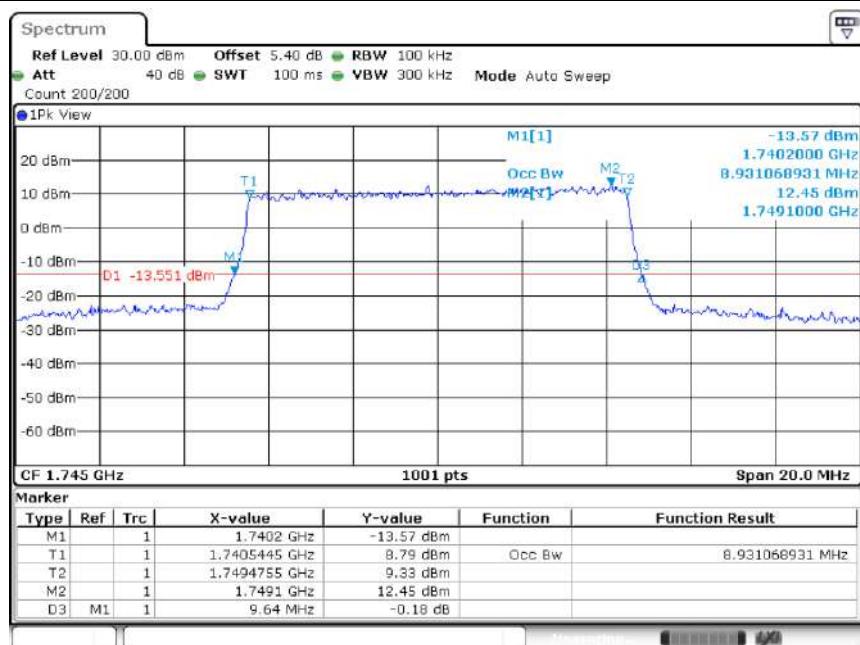
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Band66-10MHz-64QAM-132022-50RB#0-8.951



Date: 12 AUG 2020 12:50:10

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



Date: 12 AUG 2020 12:50:43

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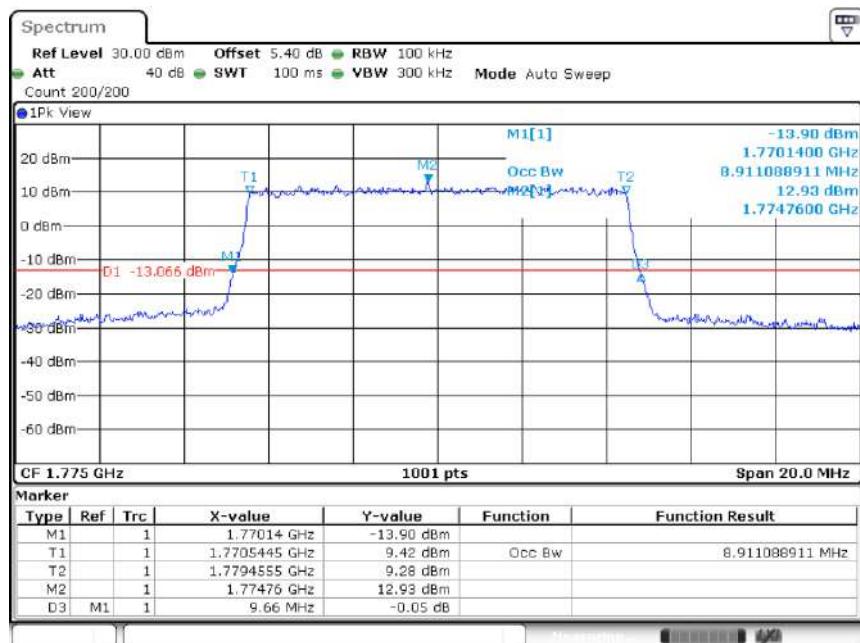
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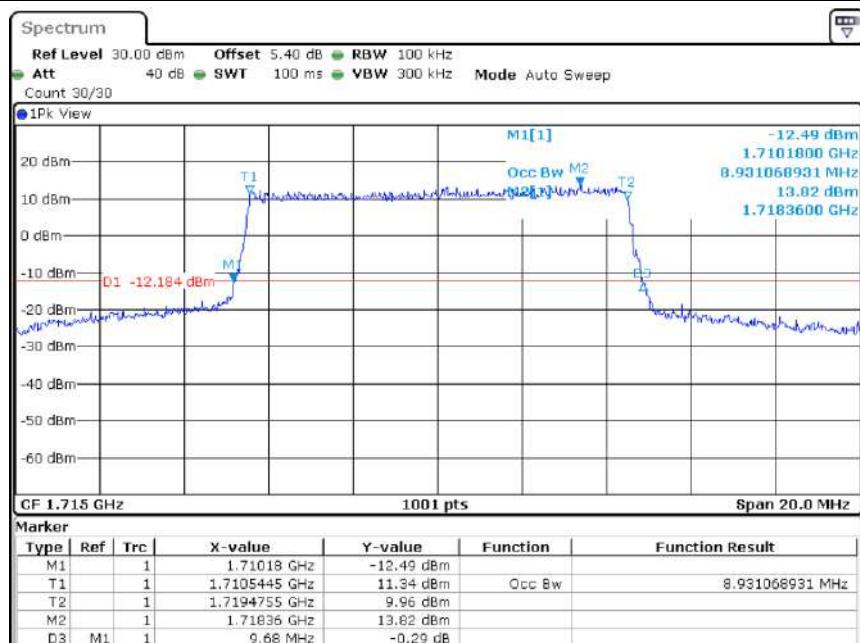
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Band66-10MHz-64QAM-132622-50RB#0-8.911



Date: 12 AUG 2020 12:51:16

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



Date: 16 JUL 2020 04:04:29

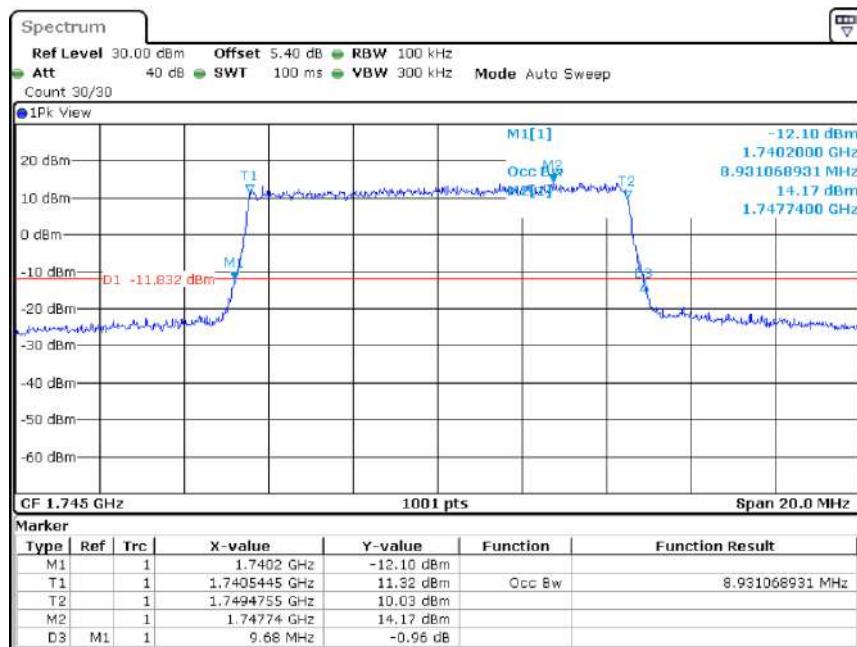
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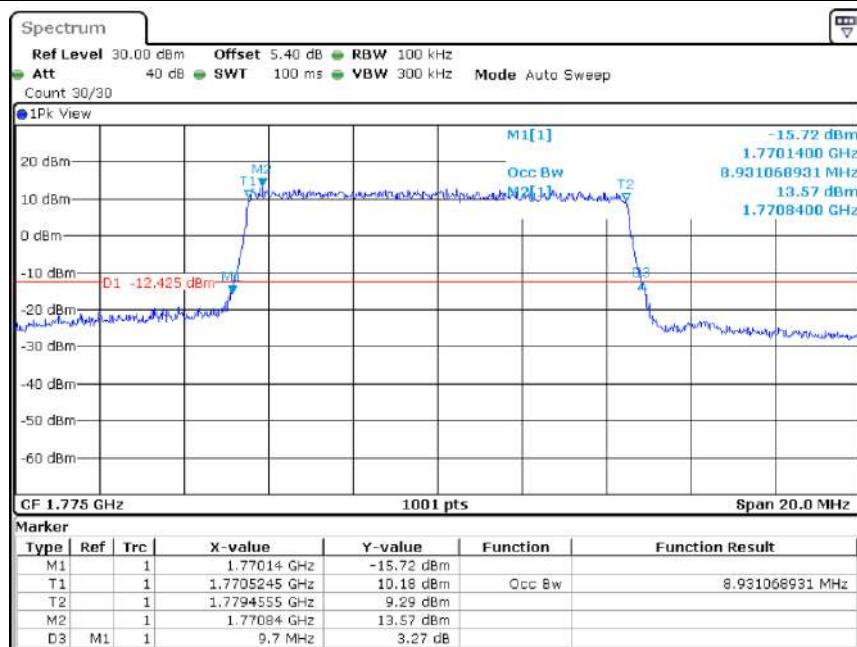
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Band66-10MHz-16QAM-132322-50RB#0-8.931



Date: 16 JUL 2020 04:04:55

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



Date: 16 JUL 2020 04:05:21

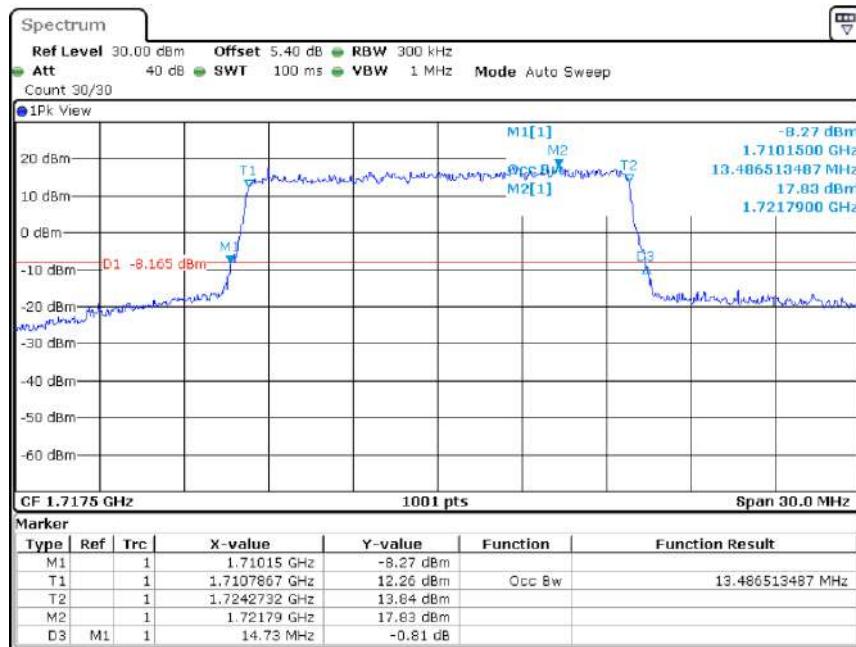
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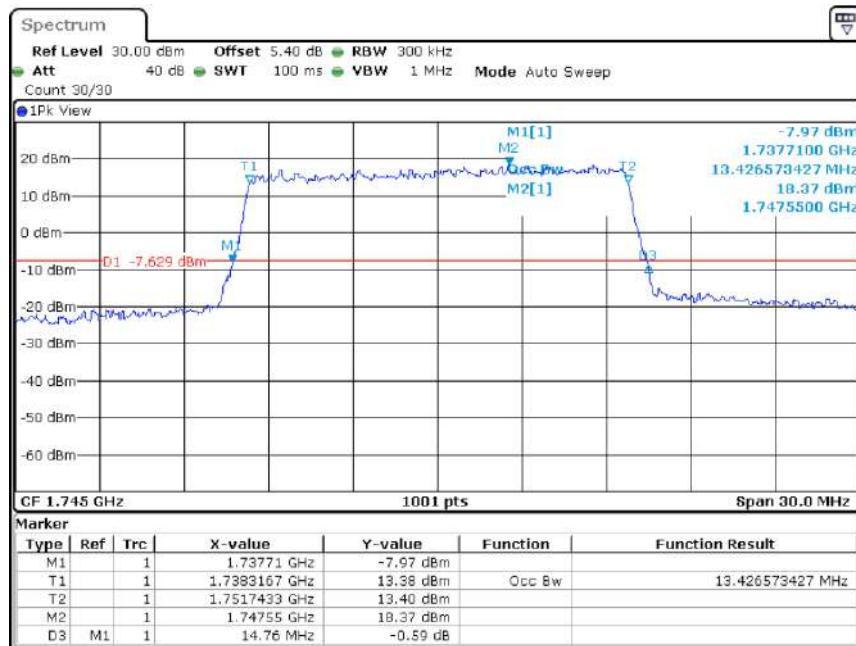
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Band66-15MHz-QPSK-132047-75RB#0-13.487



Date: 16 JUL 2020 04:05:38

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



Date: 16 JUL 2020 04:06:04

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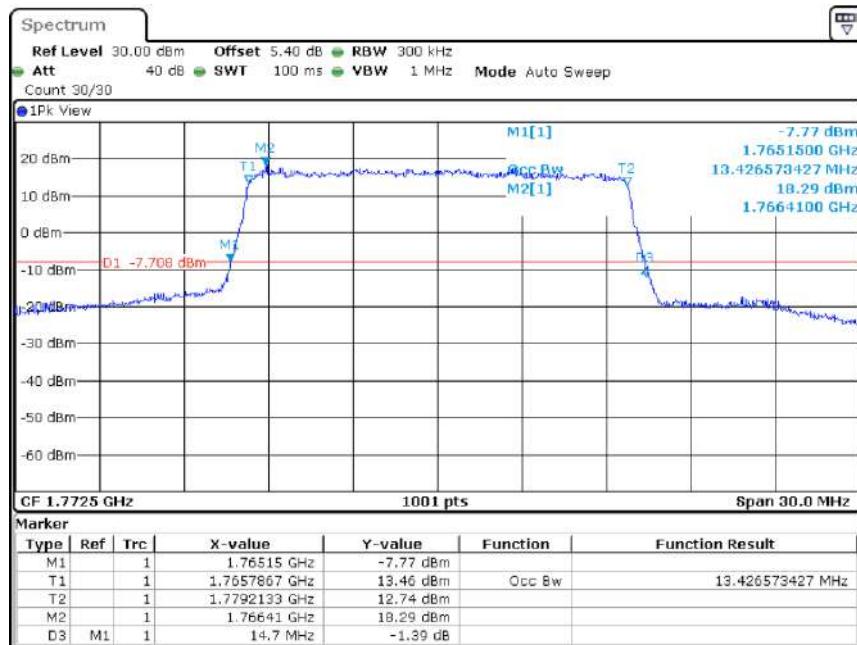


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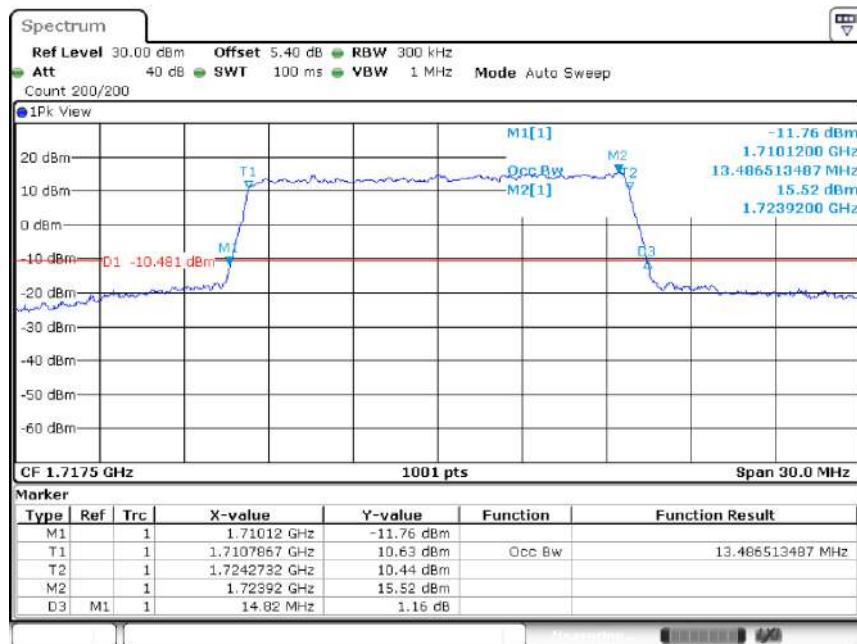


Band66-15MHz-QPSK-132597-75RB#0-13.427



Date: 16 JUL 2020 04:06:29

Band66-15MHz-64QAM-132047-75RB#0-13.487



Date: 12 AUG 2020 12:51:56

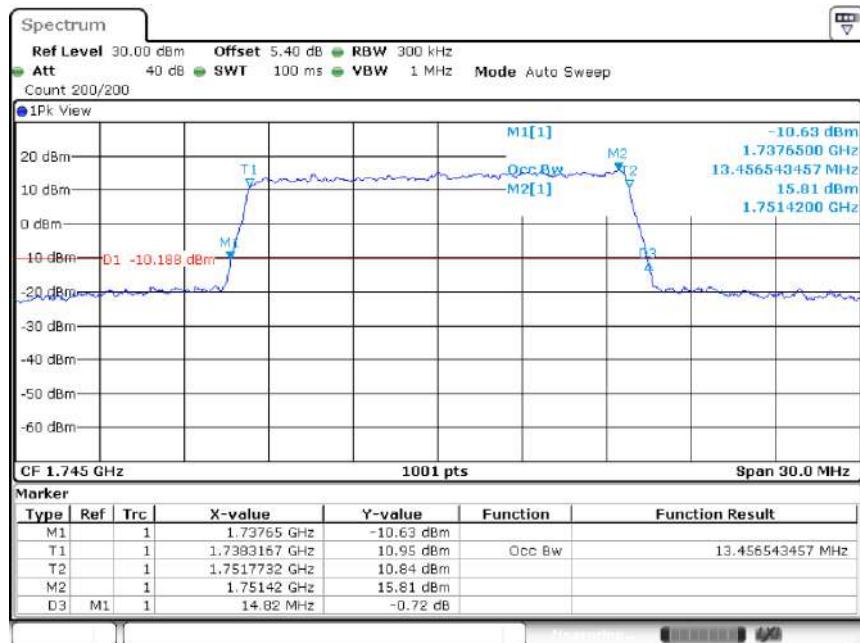
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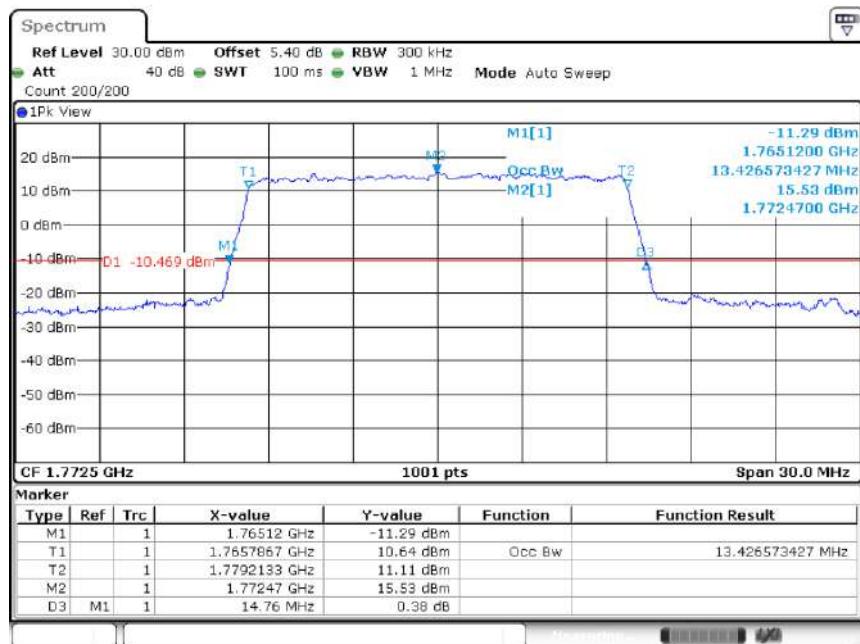
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Band66-15MHz-64QAM-132322-75RB#0-13.457



Date: 12 AUG 2020 12:52:29

Band66-15MHz-64QAM-132597-75RB#0-13.427



Date: 12 AUG 2020 12:53:03

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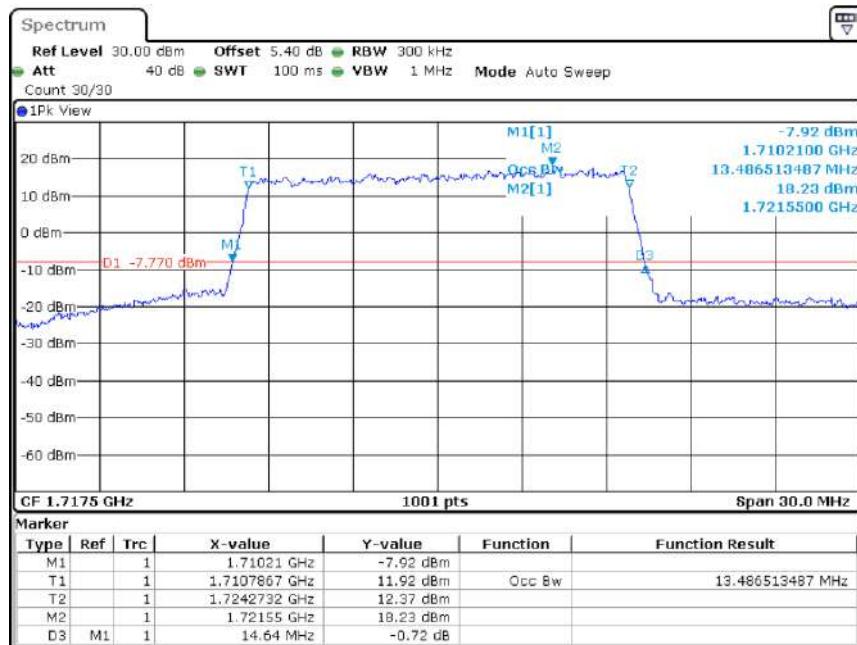
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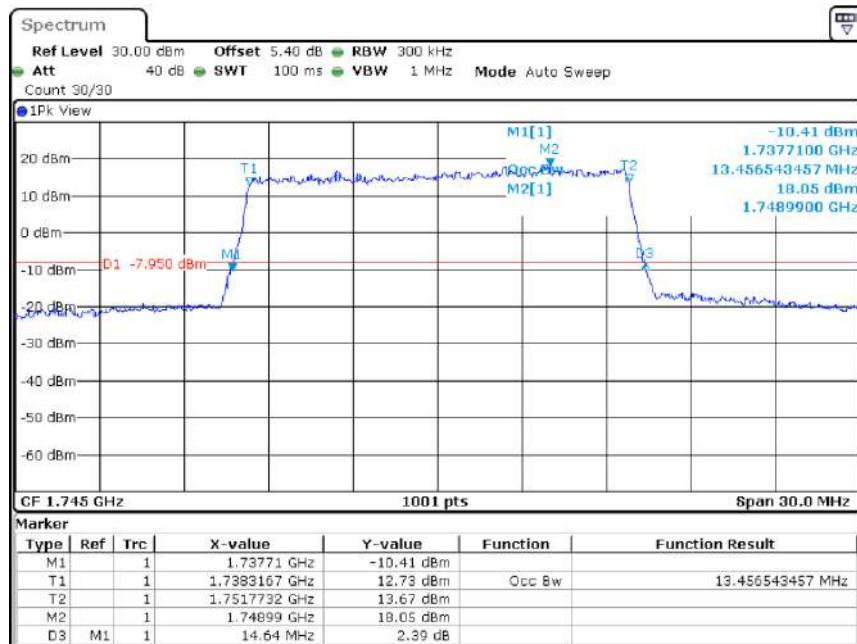
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Band66-15MHz-16QAM-132047-75RB#0-13.487



Date: 16 JUL 2020 04:05:51

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



Date: 16 JUL 2020 04:06:16

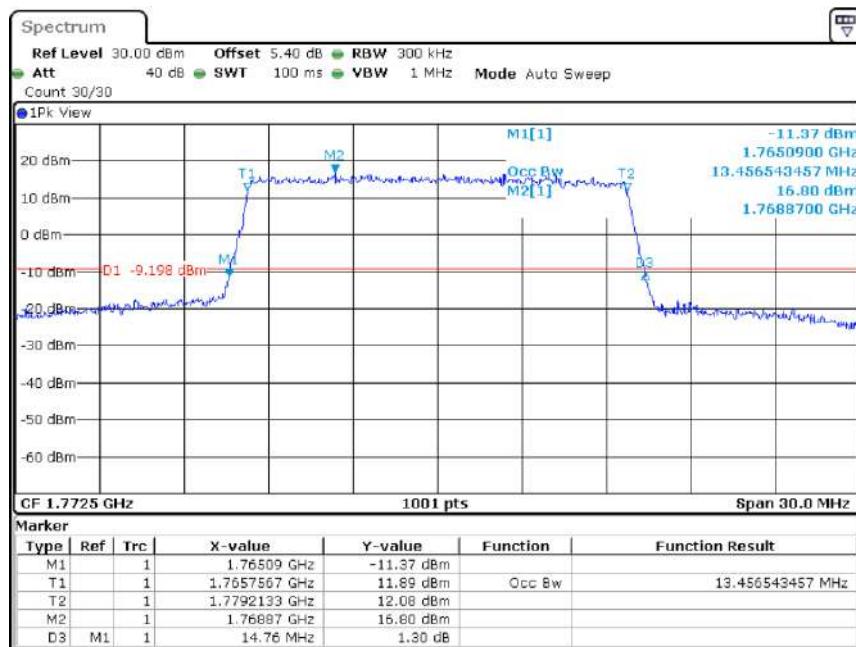
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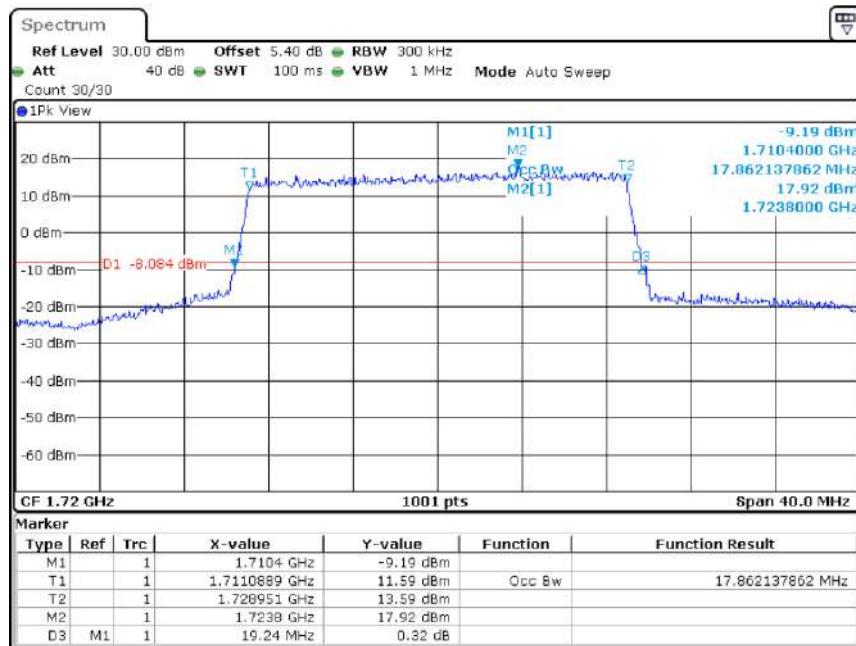
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Band66-15MHz-16QAM-132597-75RB#0-13.457



Date: 16 JUL 2020 04:06:42

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



Date: 16 JUL 2020 04:07:00

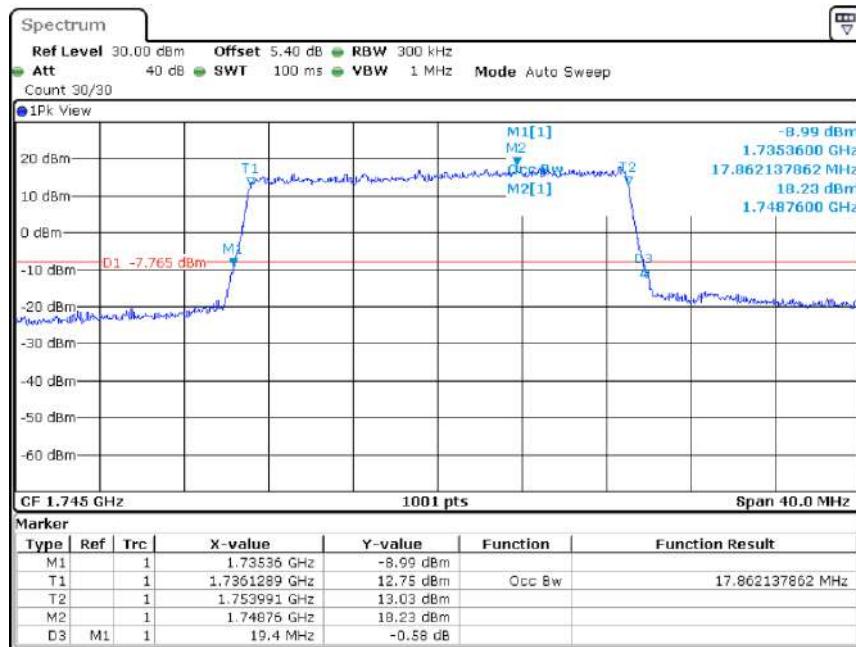
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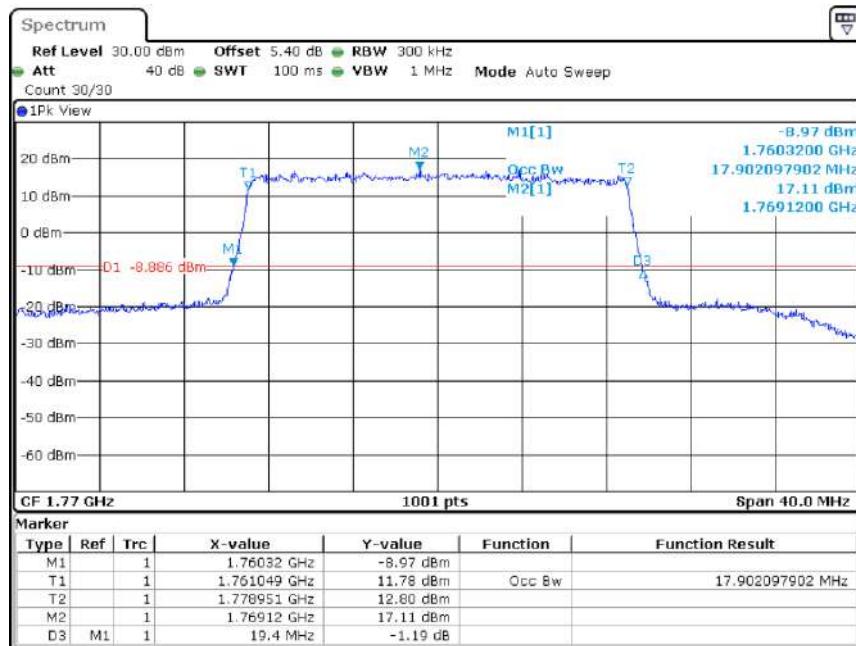
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Band66-20MHz-QPSK-132322-100RB#0-17.862



Date: 16 JUL 2020 04:07:25

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



Date: 16 JUL 2020 04:07:51

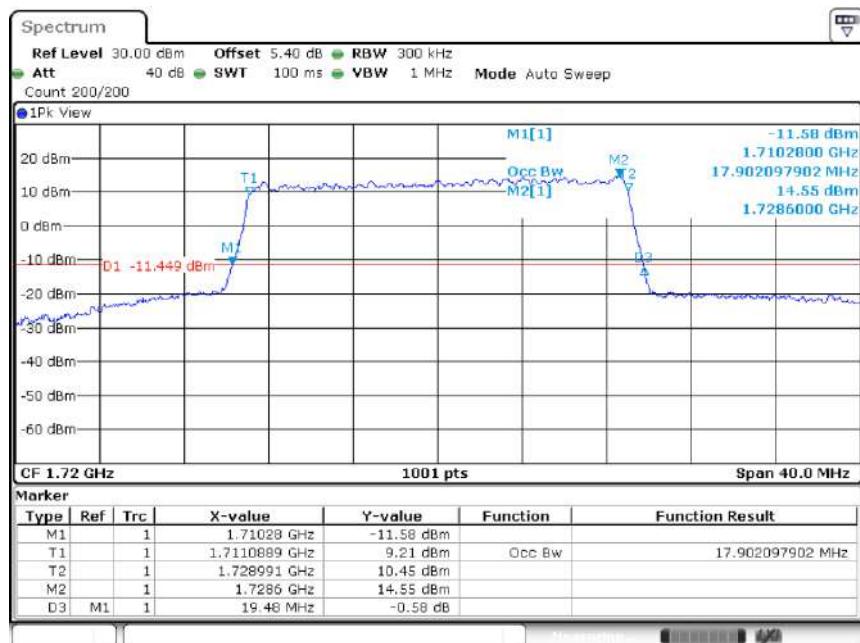
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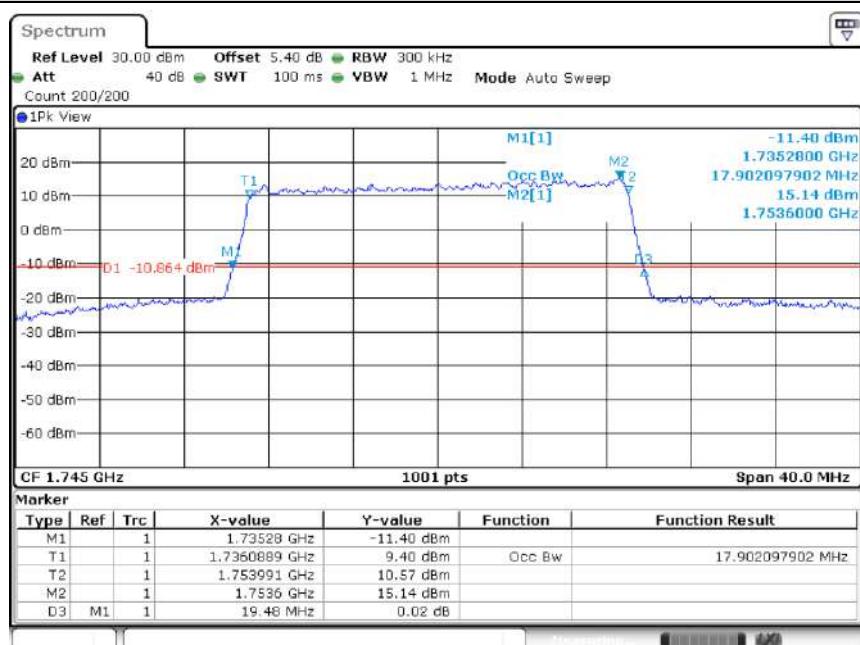
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Band66-20MHz-64QAM-132072-100RB#0-17.902



Date: 12 AUG 2020 12:53:42

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



Date: 12 AUG 2020 12:54:15

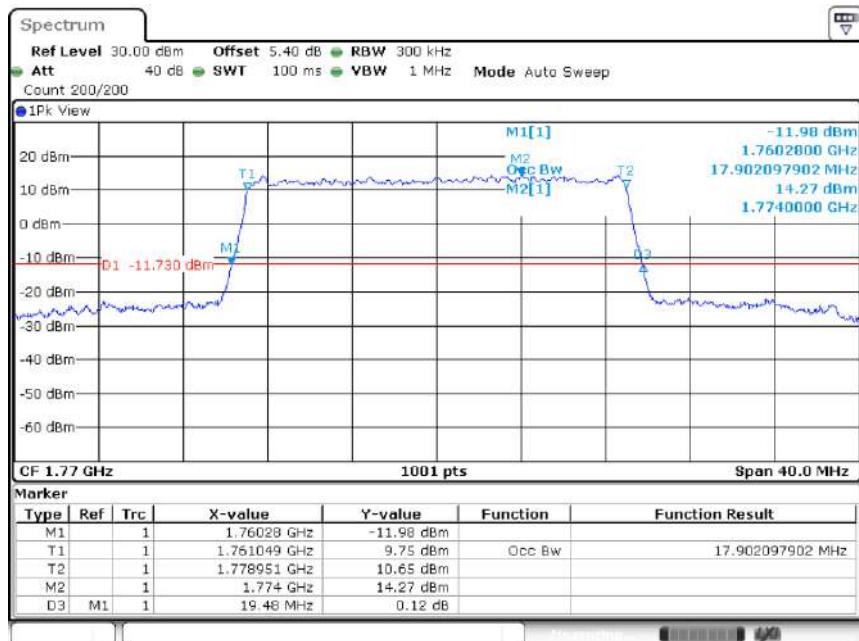
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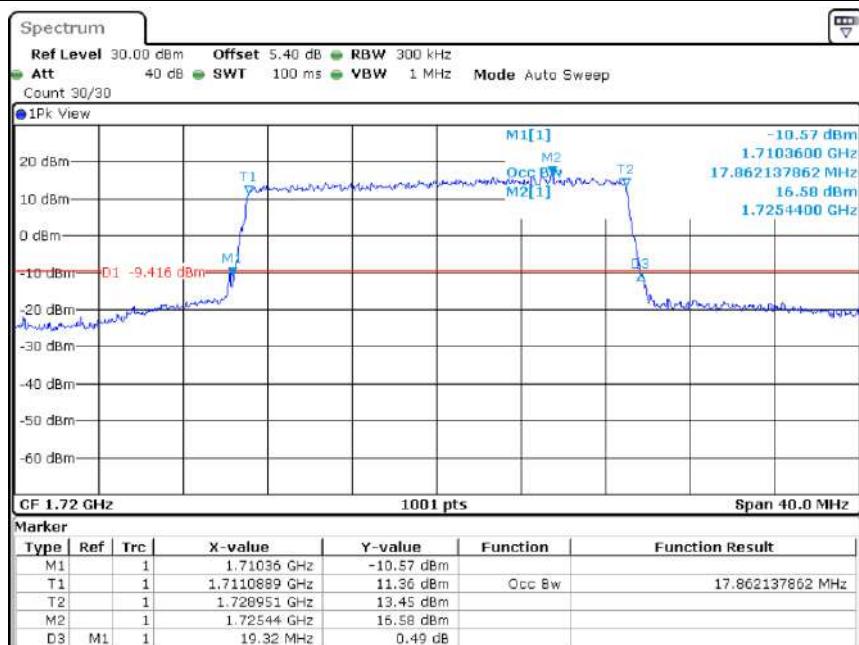
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Band66-20MHz-64QAM-132572-100RB#0-17.902



Date: 12 AUG 2020 12:54:48

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



Date: 16 JUL 2020 04:07:12

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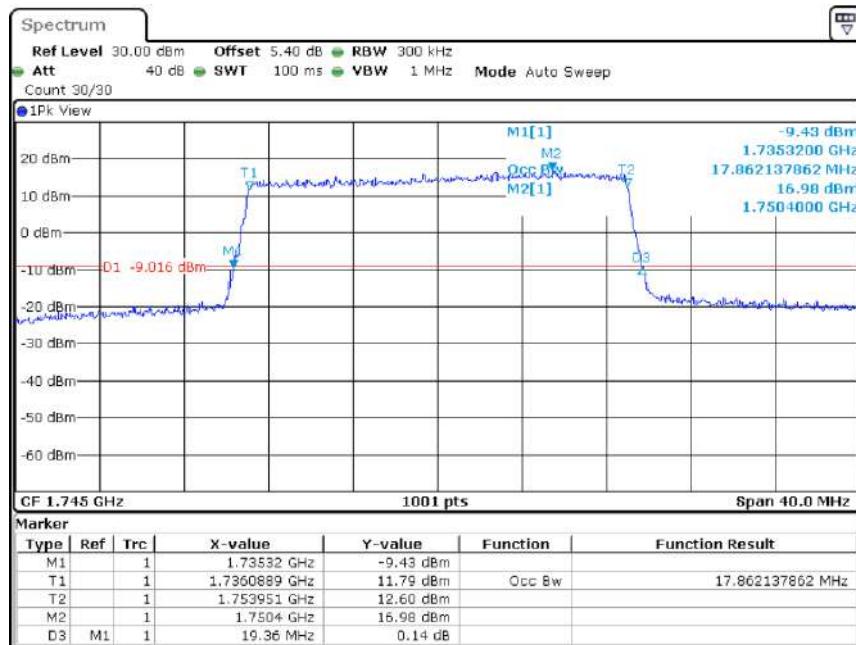
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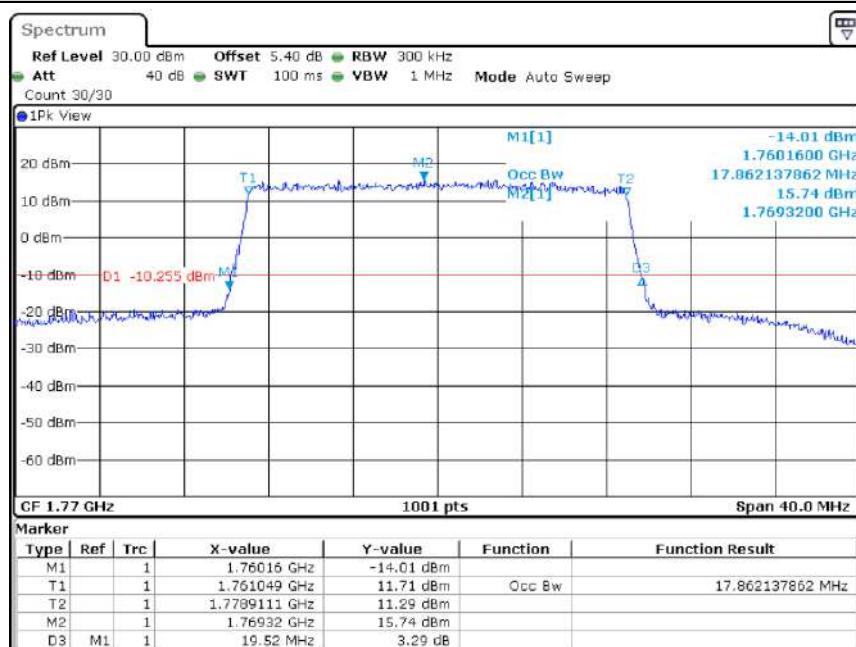
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Band66-20MHz-16QAM-132322-100RB#0-17.862



Date: 16 JUL 2020 04:07:38

Band66-20MHz-16QAM-132572-100RB#0-17.862



Date: 16 JUL 2020 04:08:04

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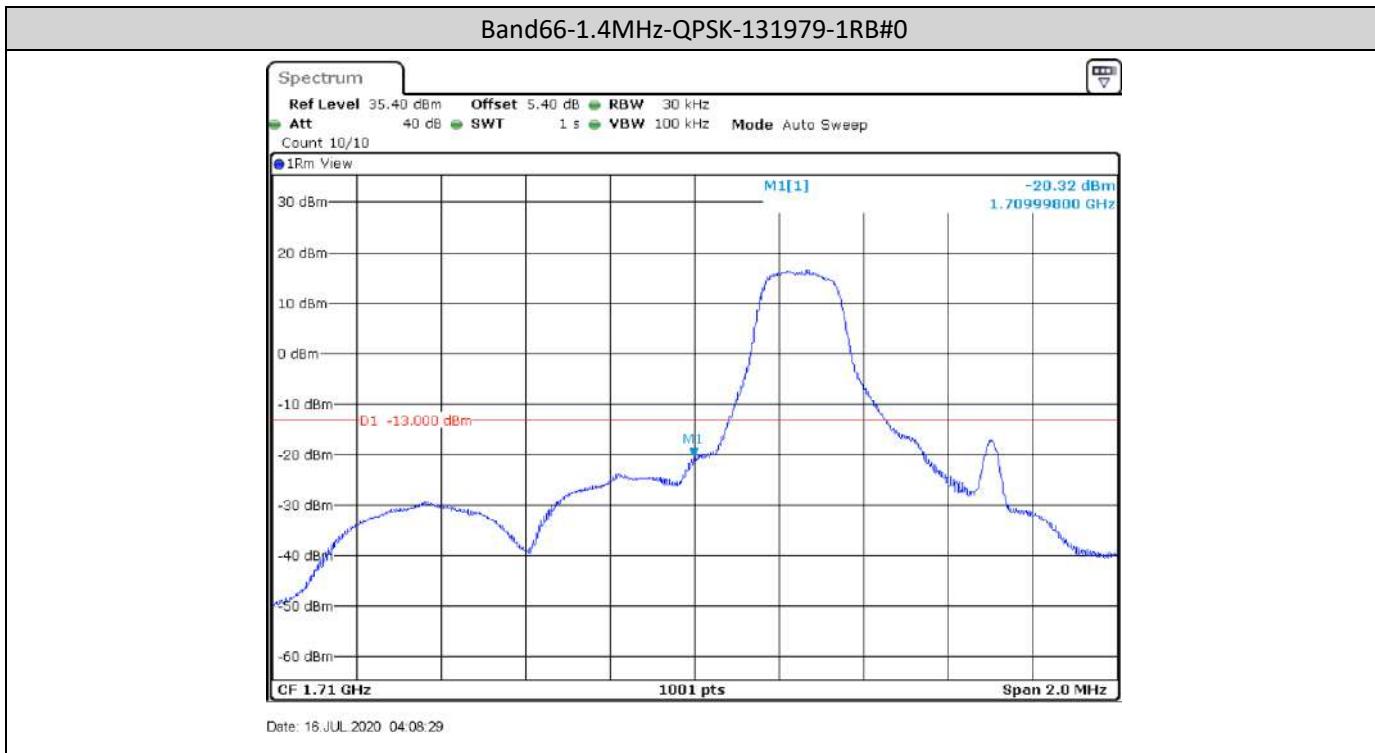
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5. Band Edge Compliance

5.1. Test Plots



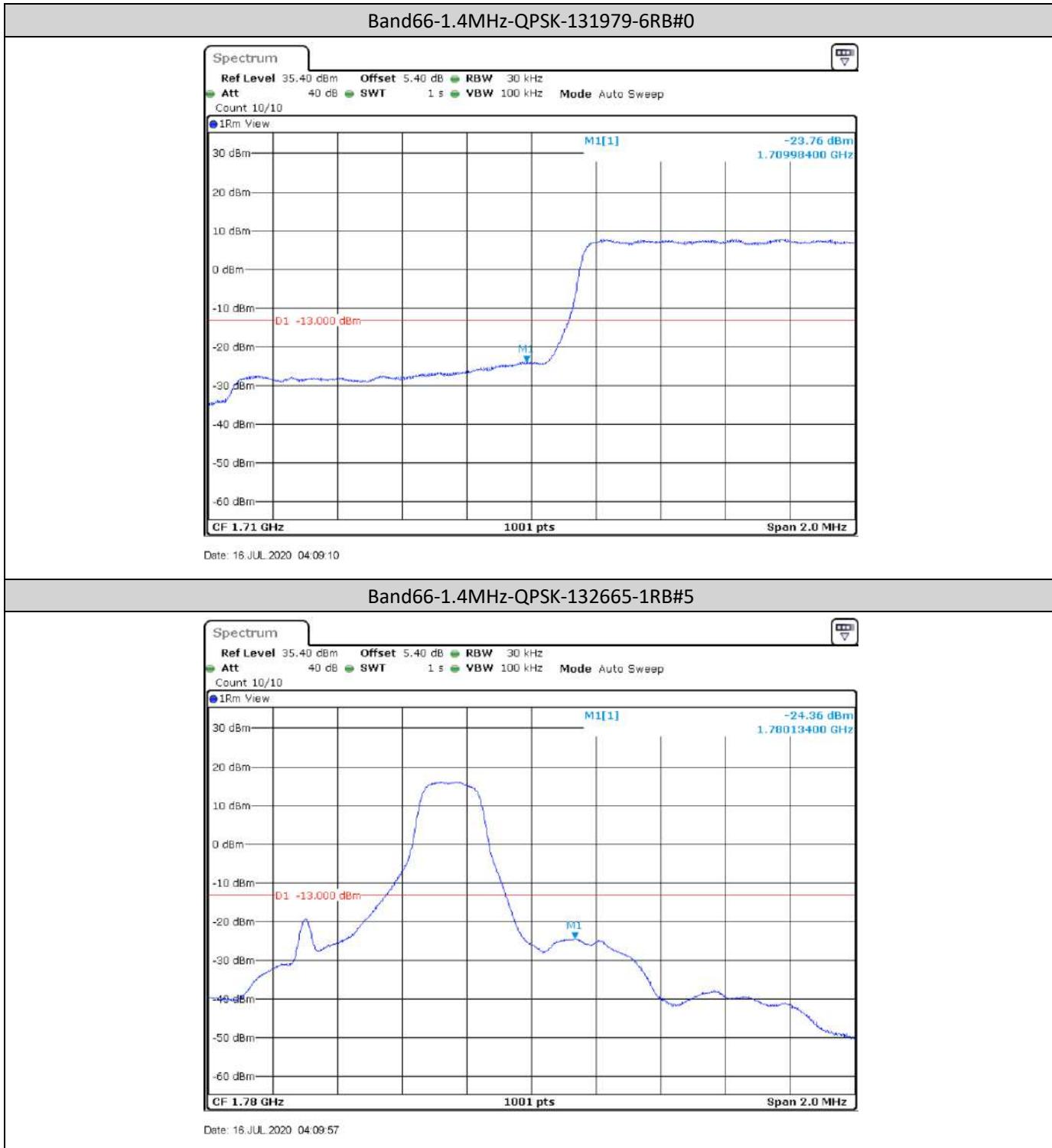
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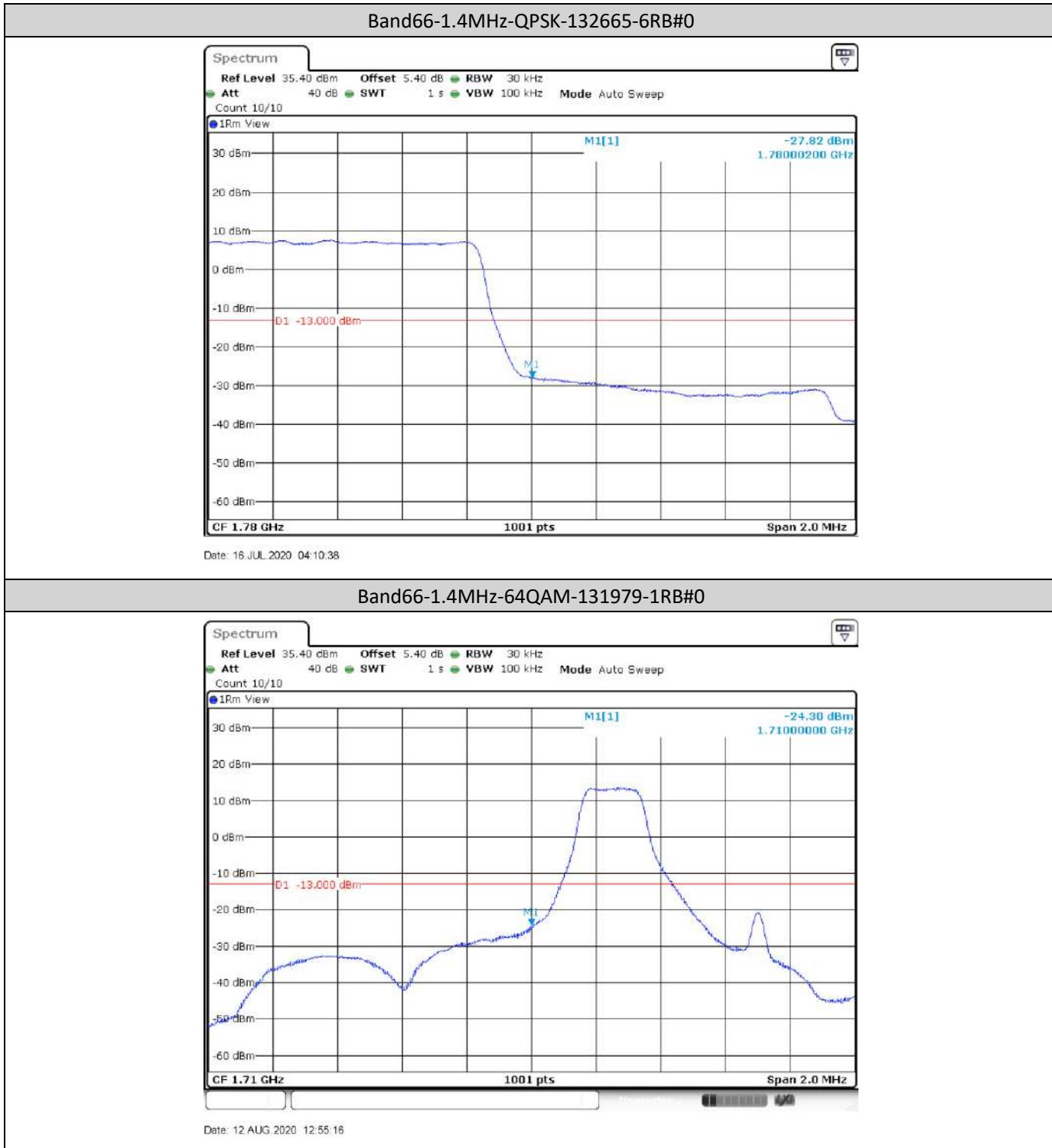


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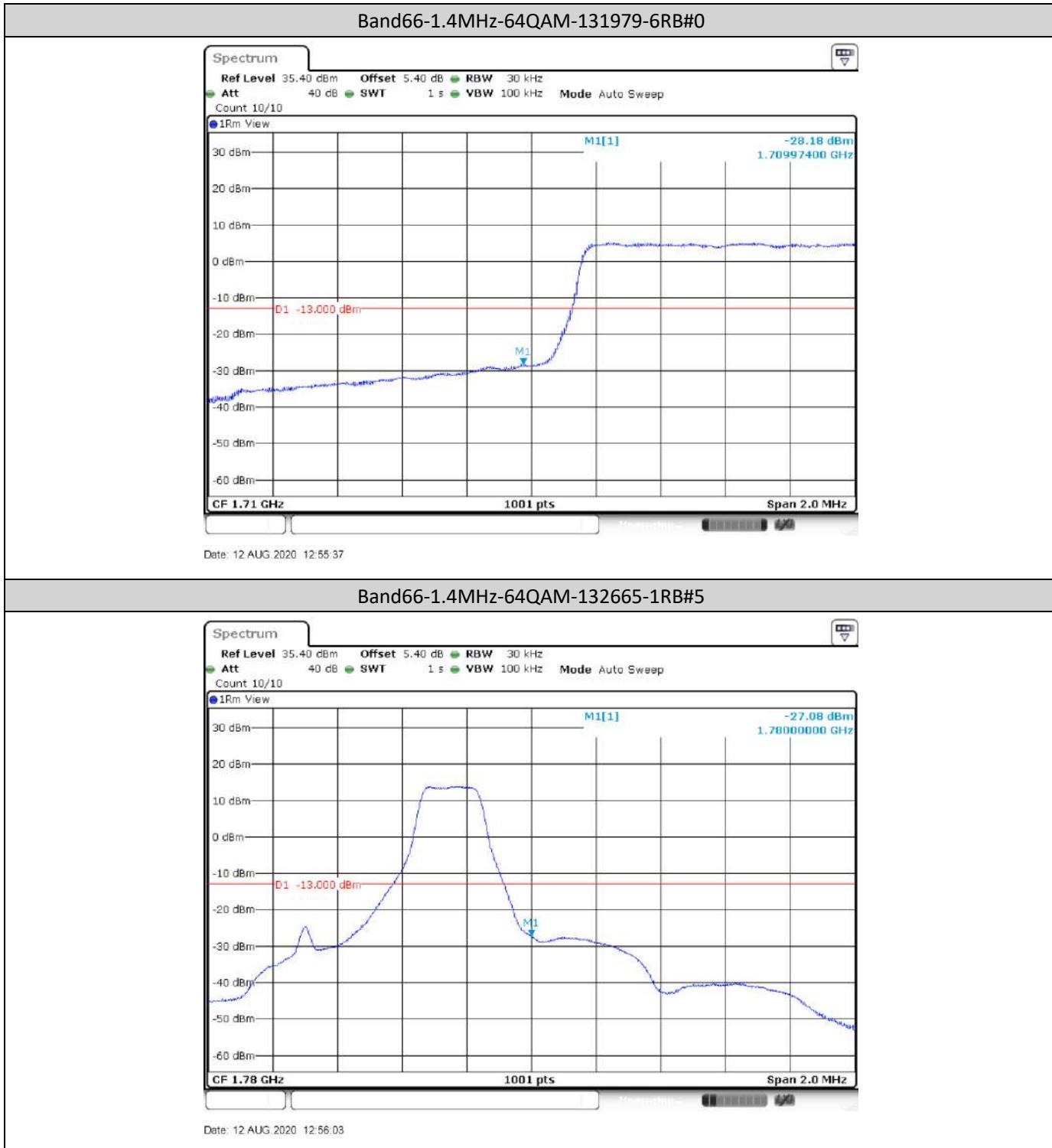


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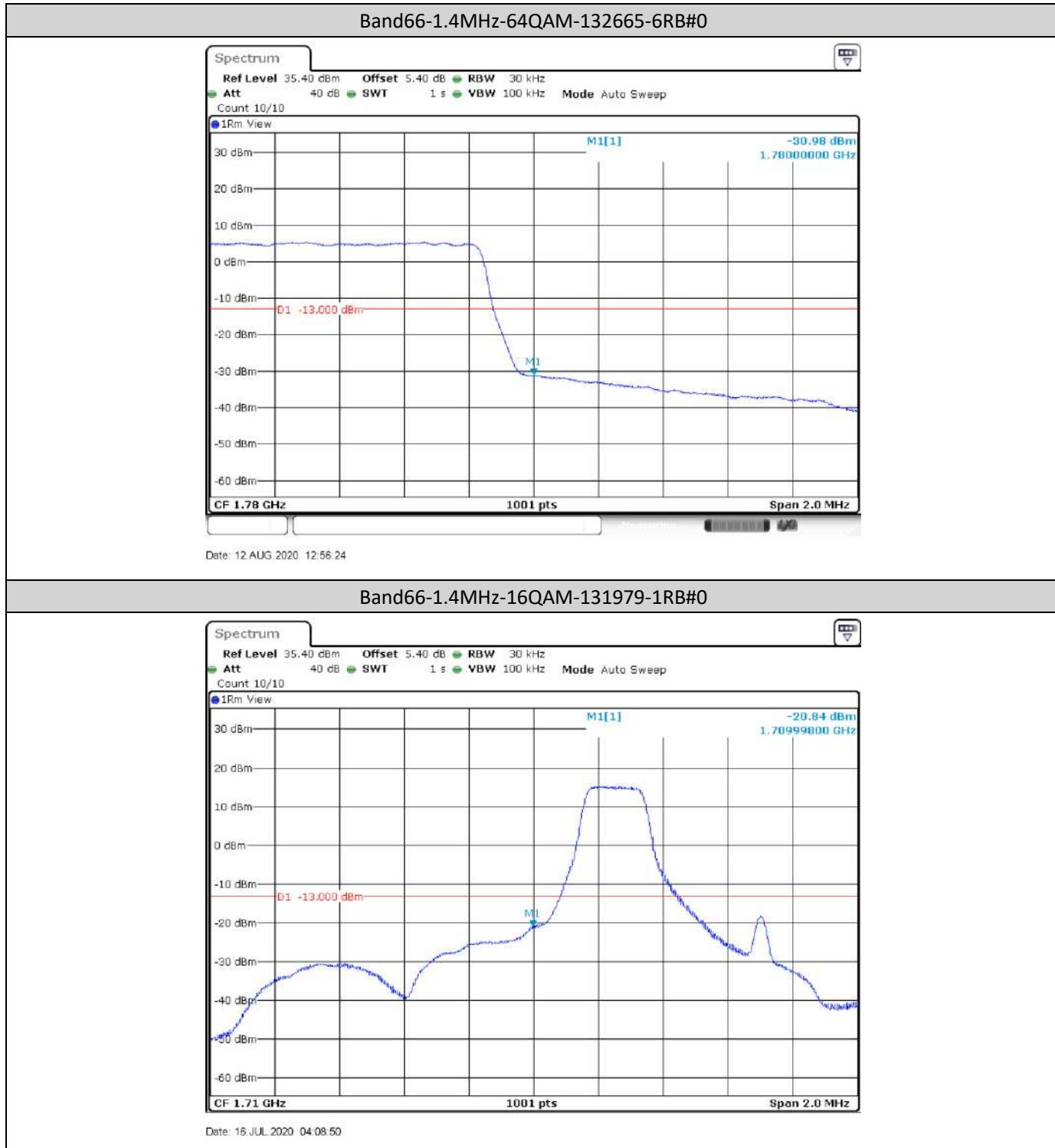


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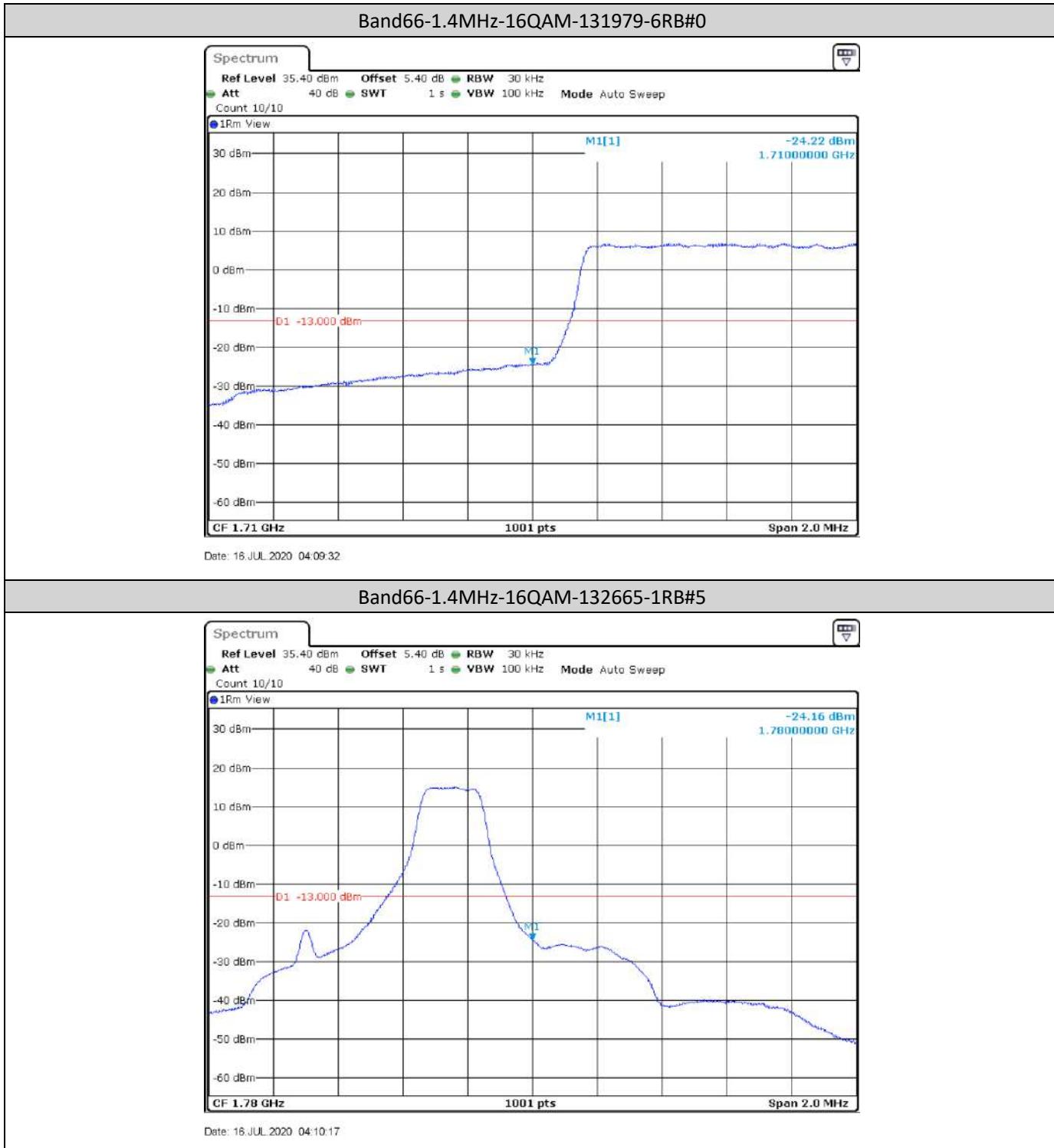


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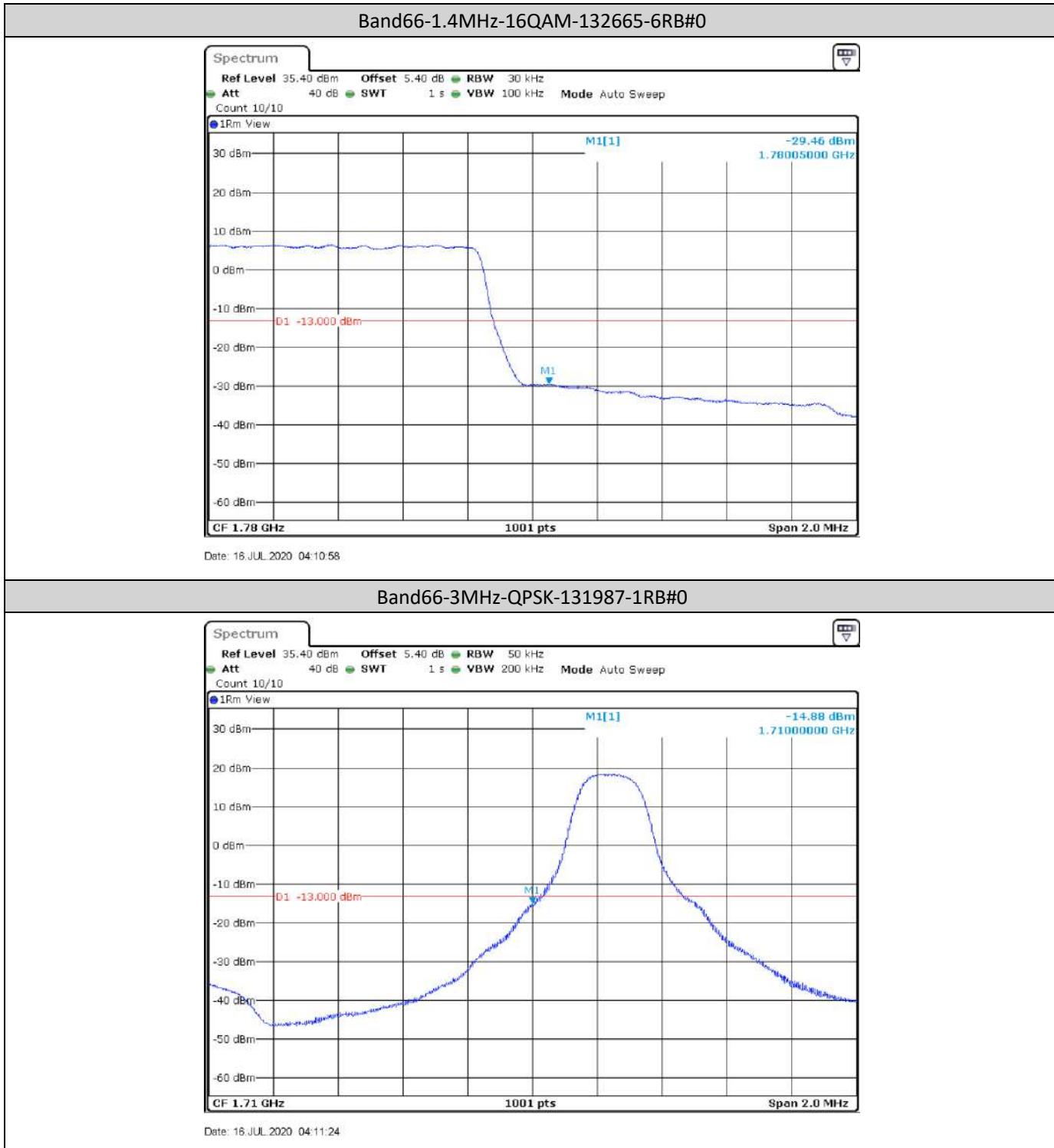


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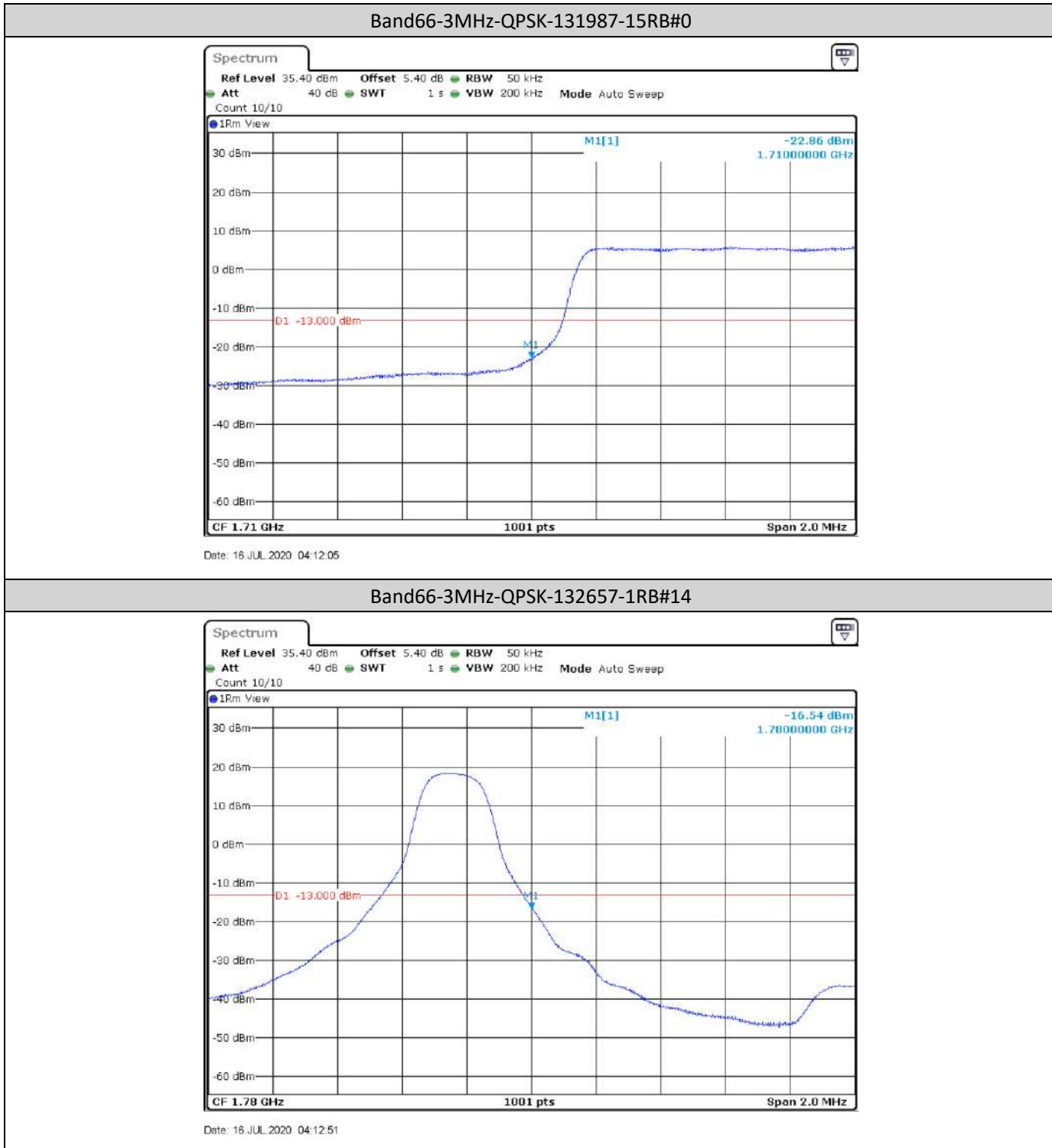


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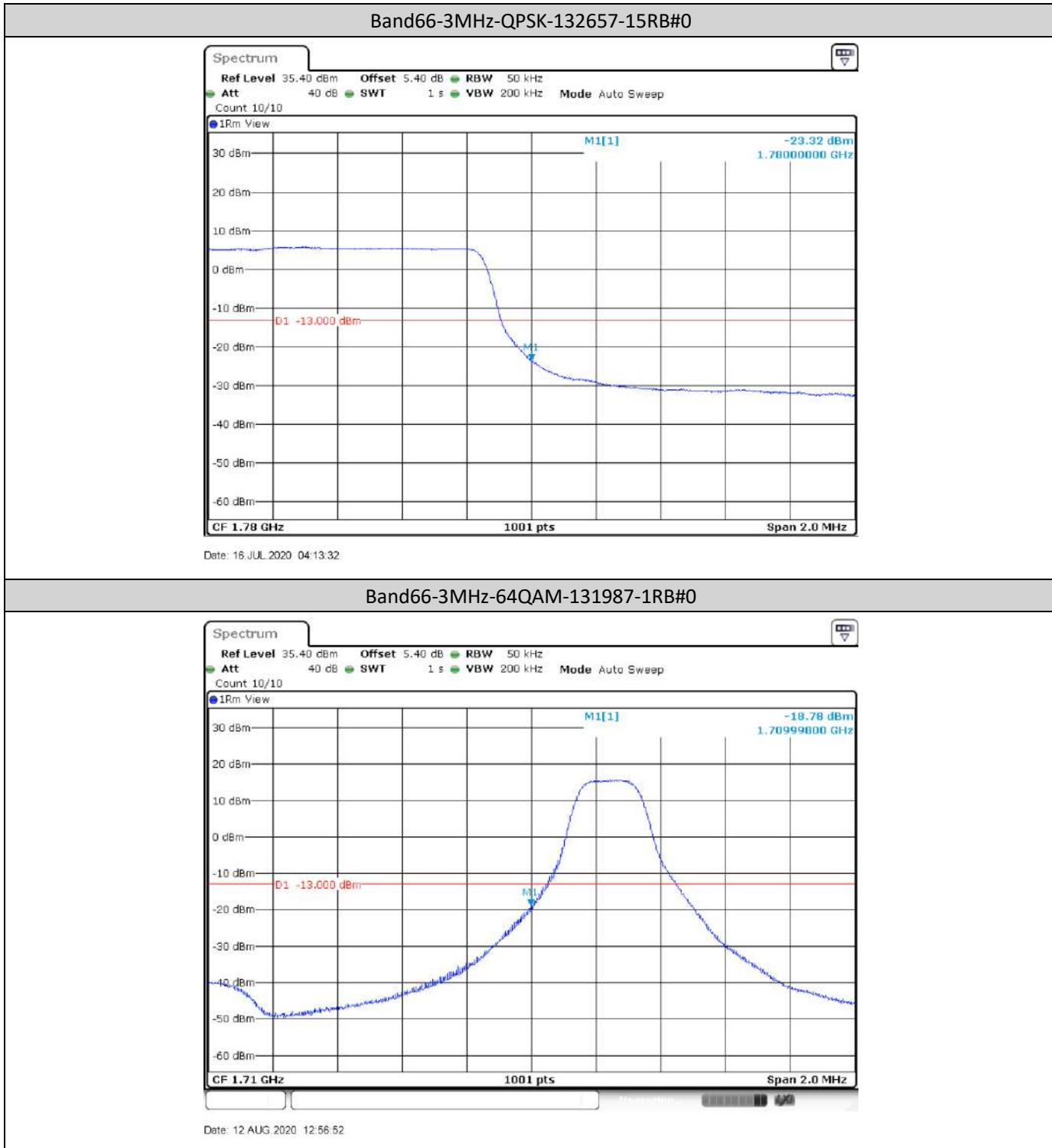


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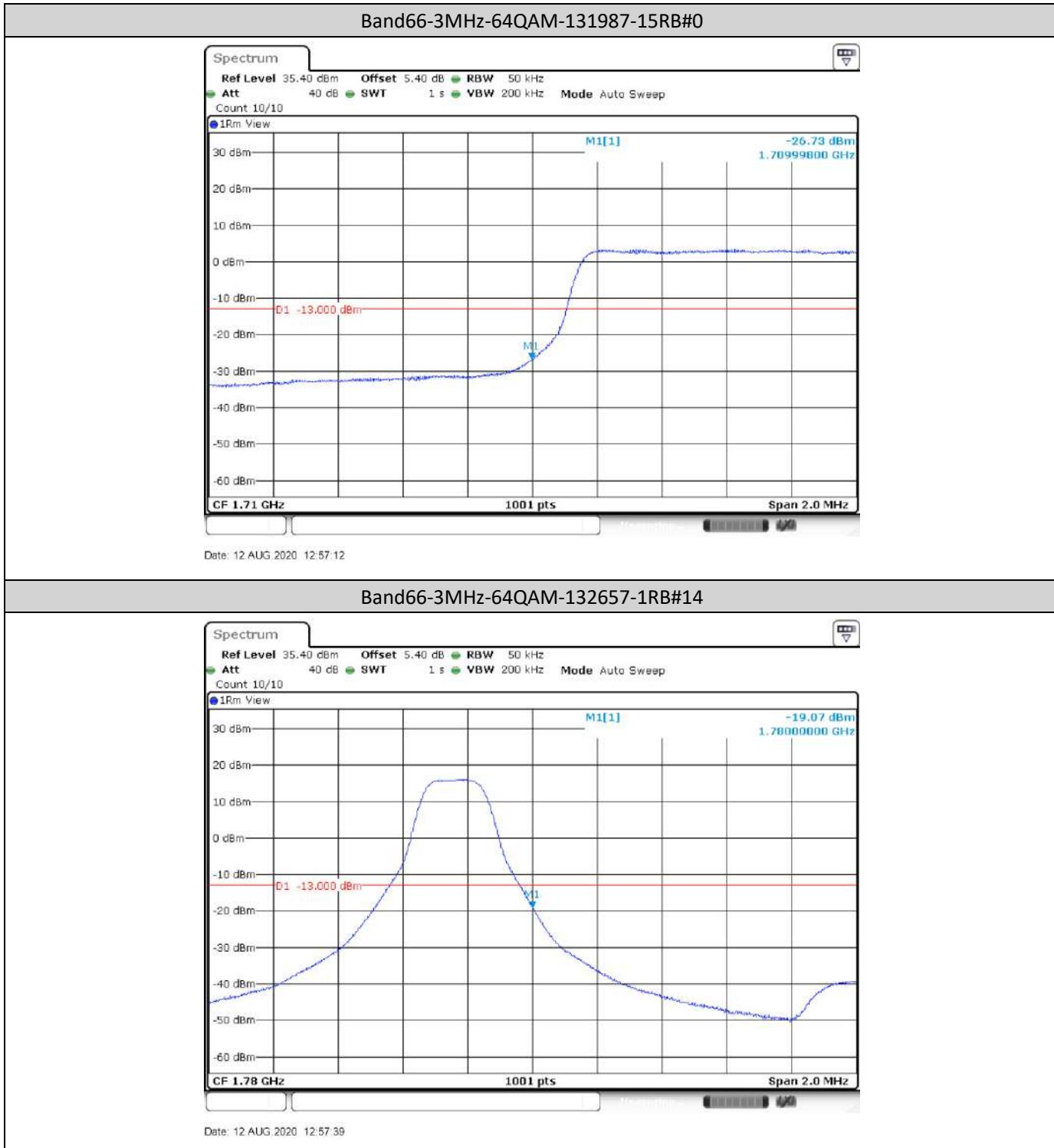


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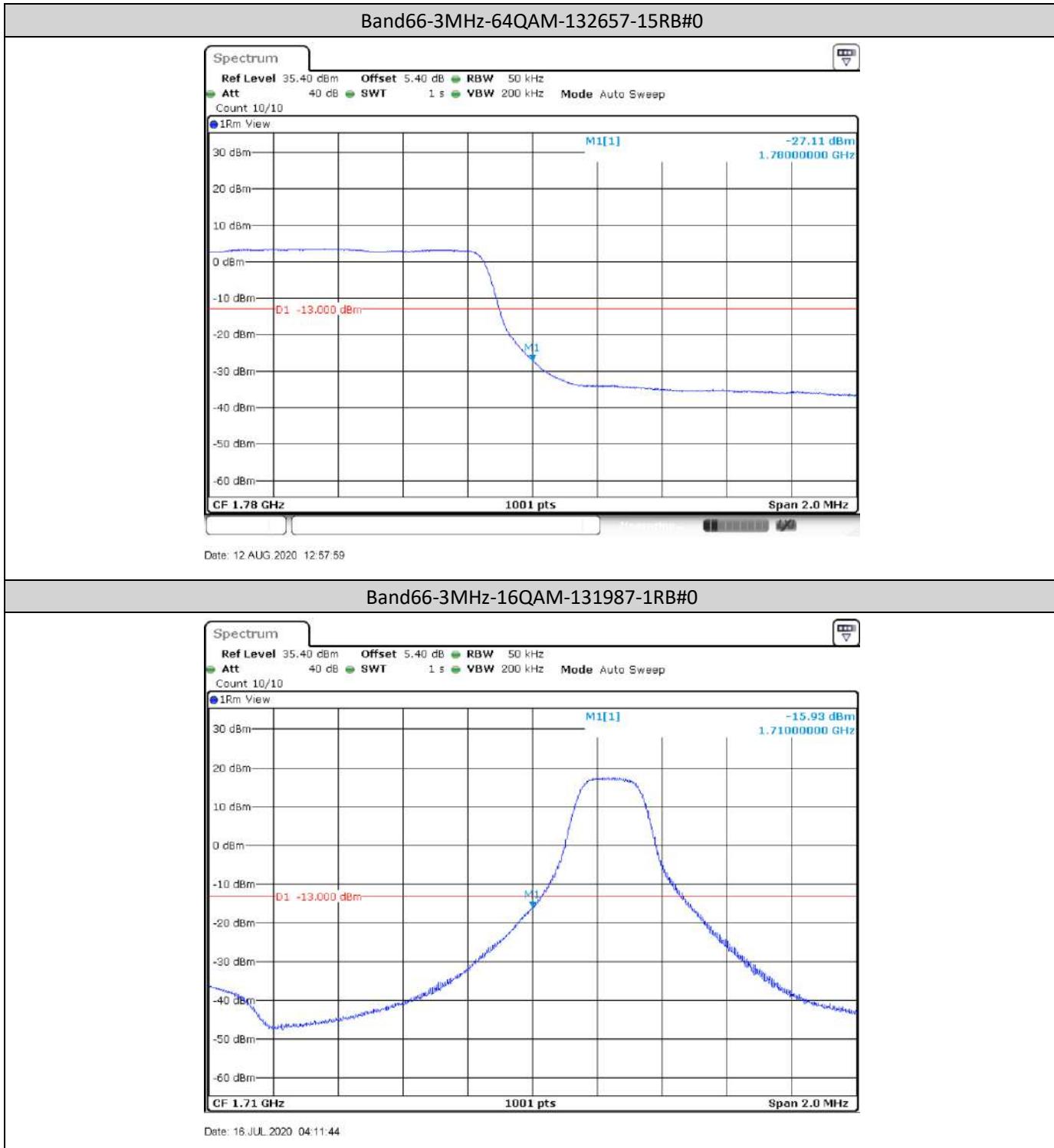


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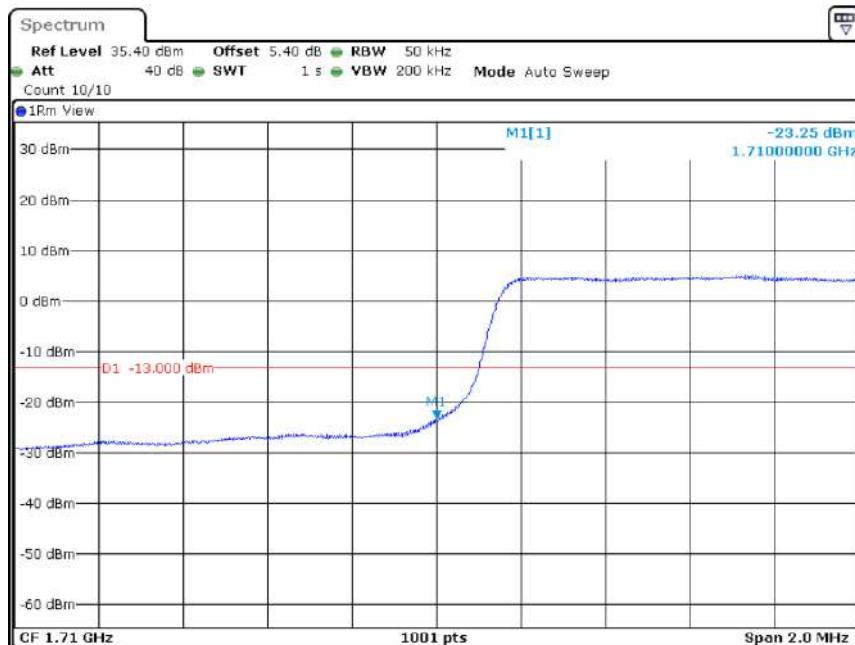
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Band66-3MHz-16QAM-131987-15RB#0



Date: 16 JUL 2020 04:12:25

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



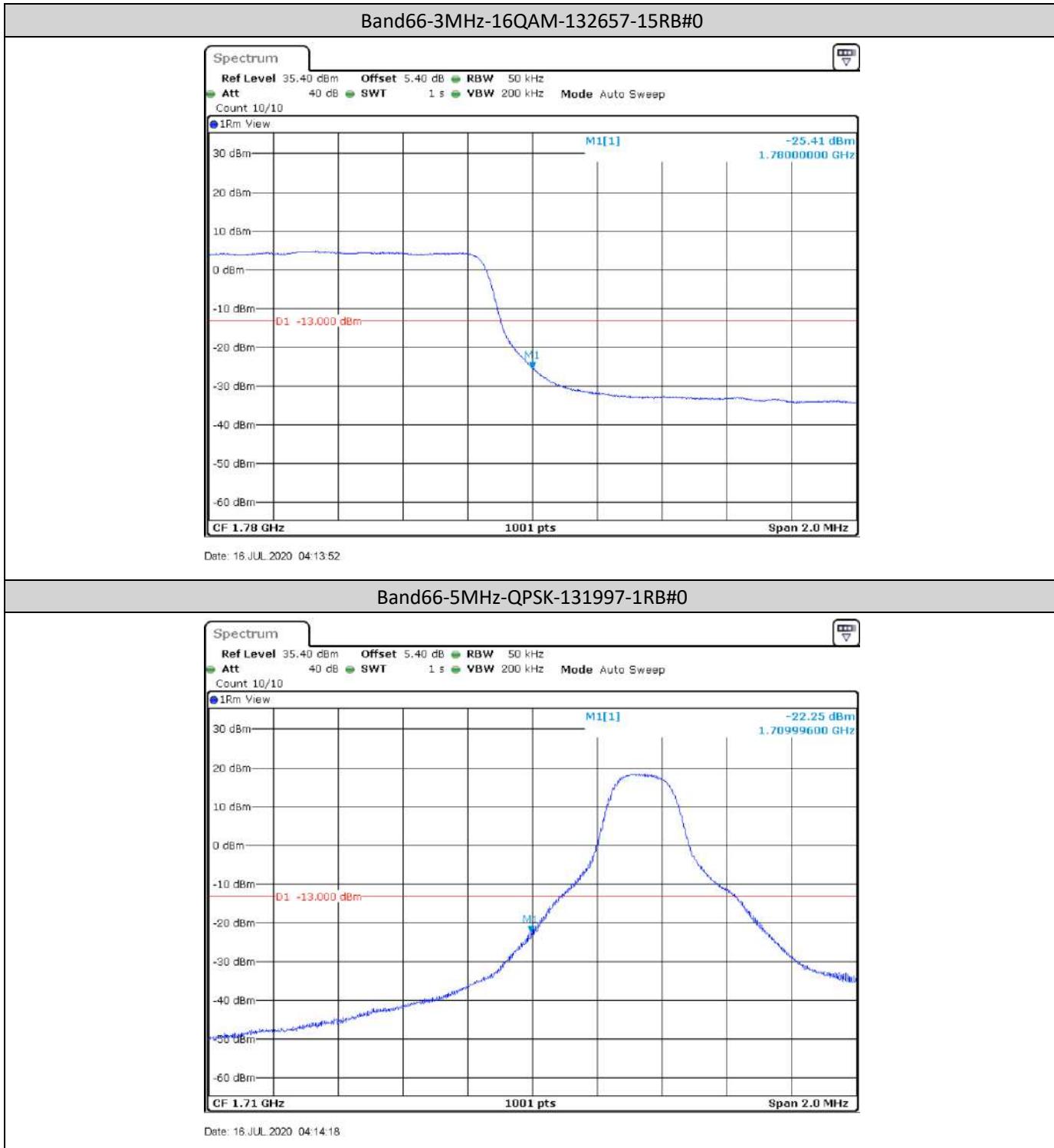
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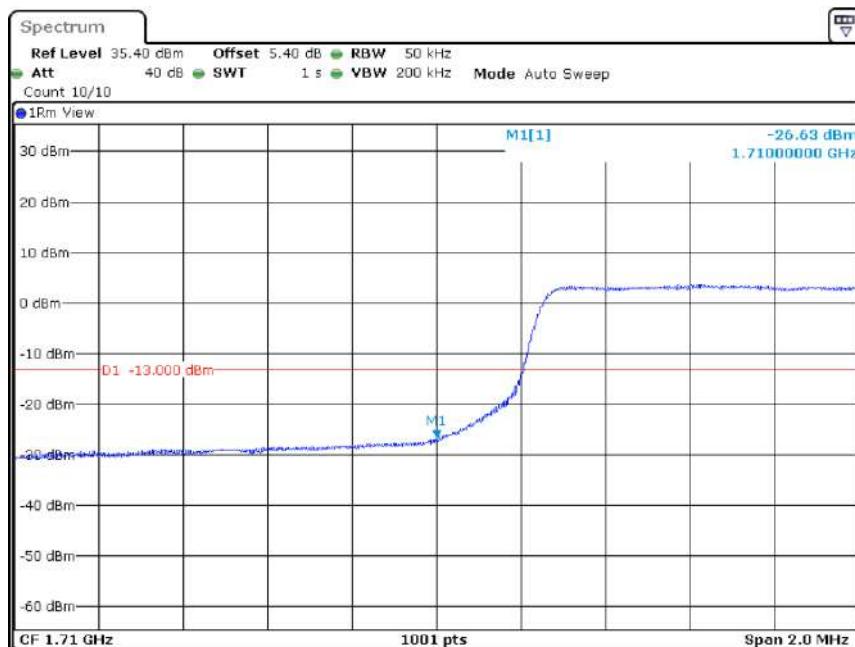
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Band66-5MHz-QPSK-131997-25RB#0



Date: 16 JUL 2020 04:14:58

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



Date: 16 JUL 2020 04:15:44

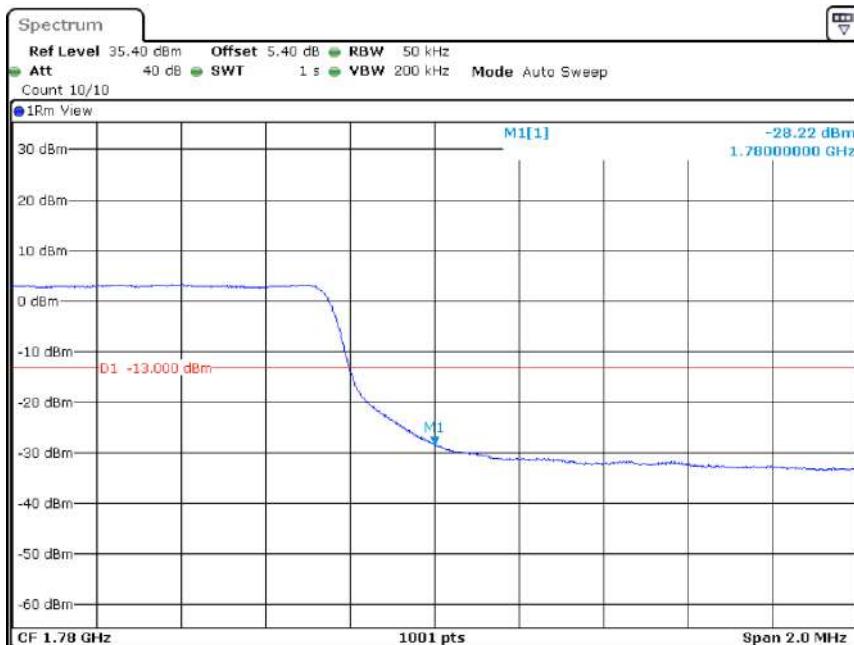
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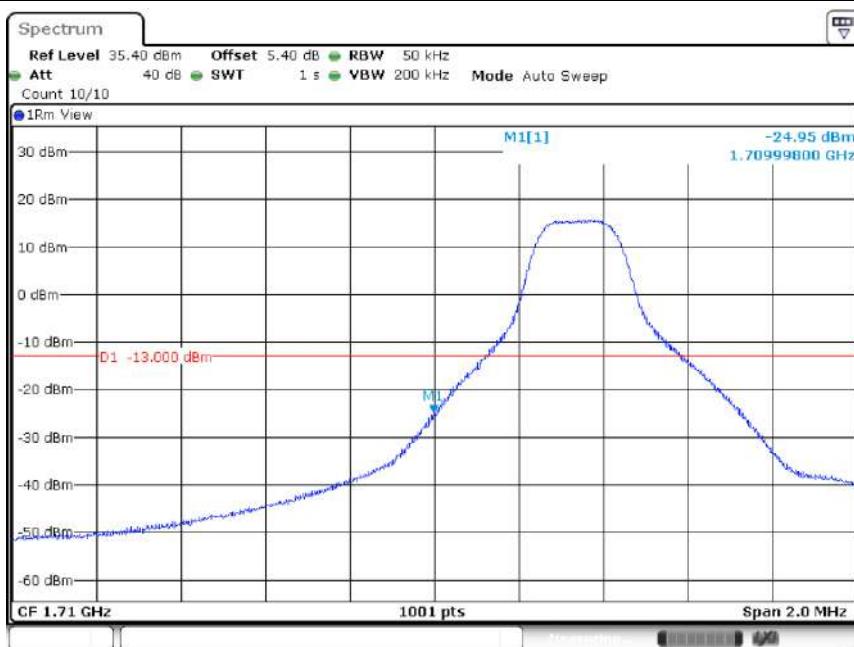
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Band66-5MHz-QPSK-132647-25RB#0



Date: 16 JUL 2020 04:16:25

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



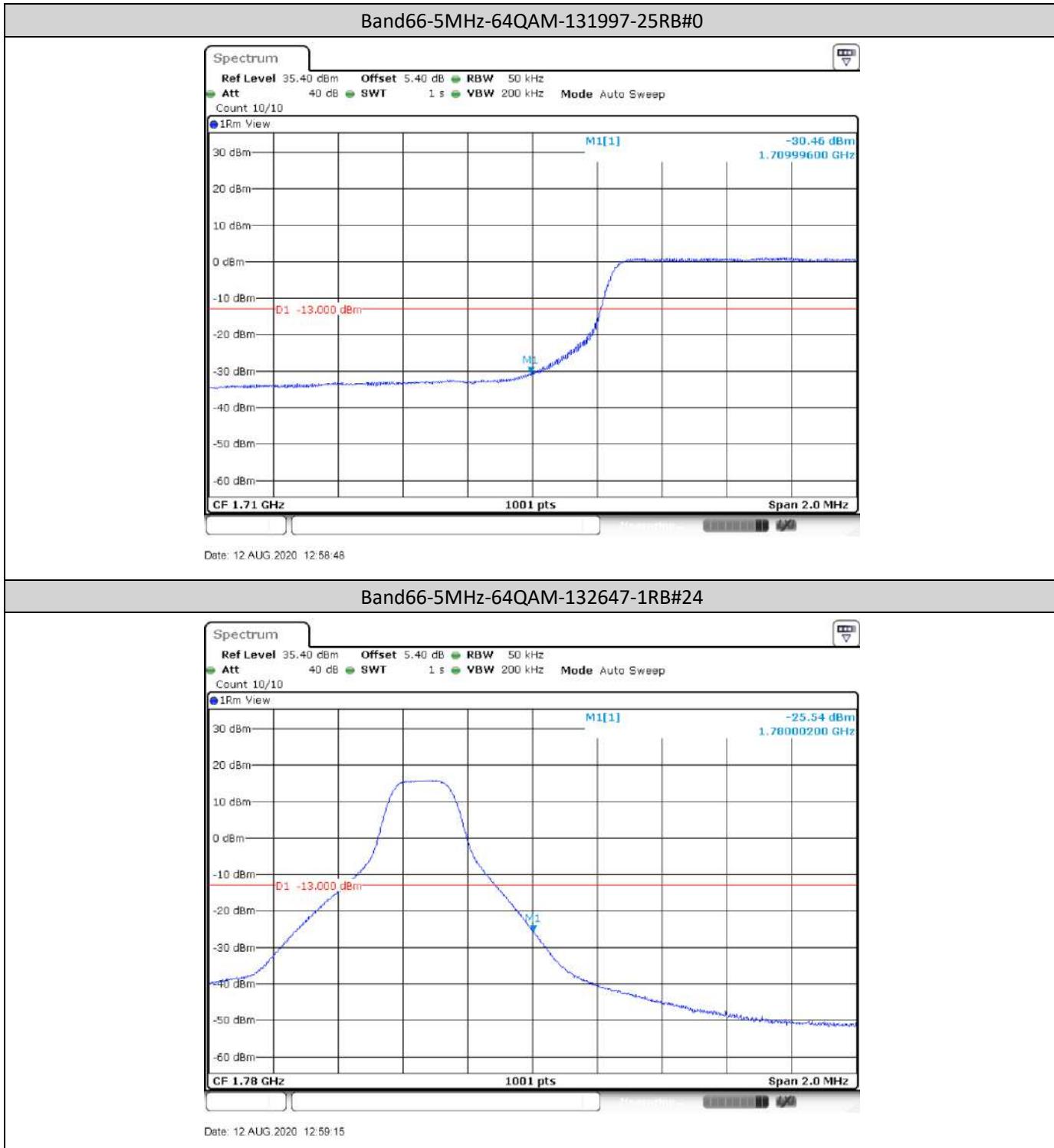
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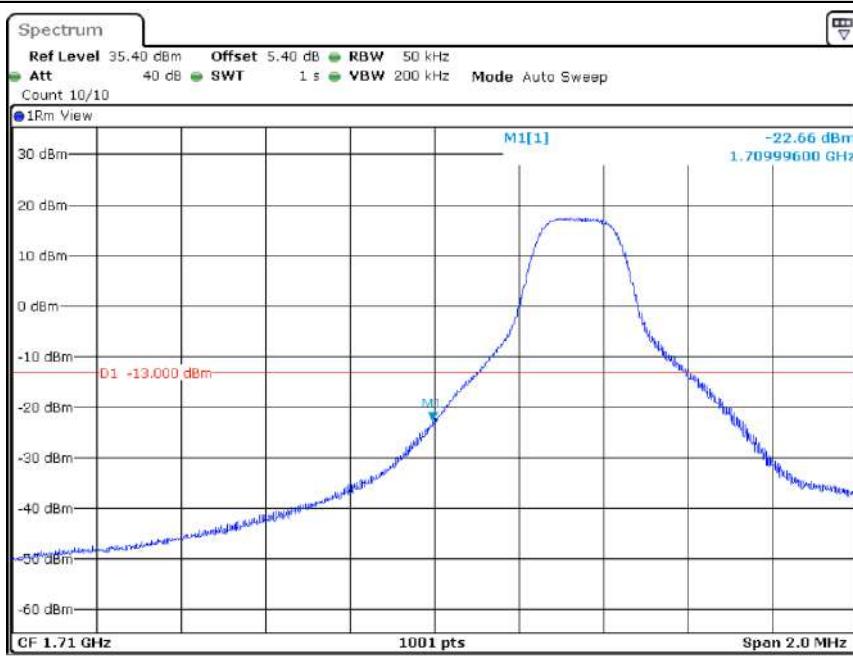
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Band66-5MHz-64QAM-132647-25RB#0



Date: 12 AUG 2020 12:59:35

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



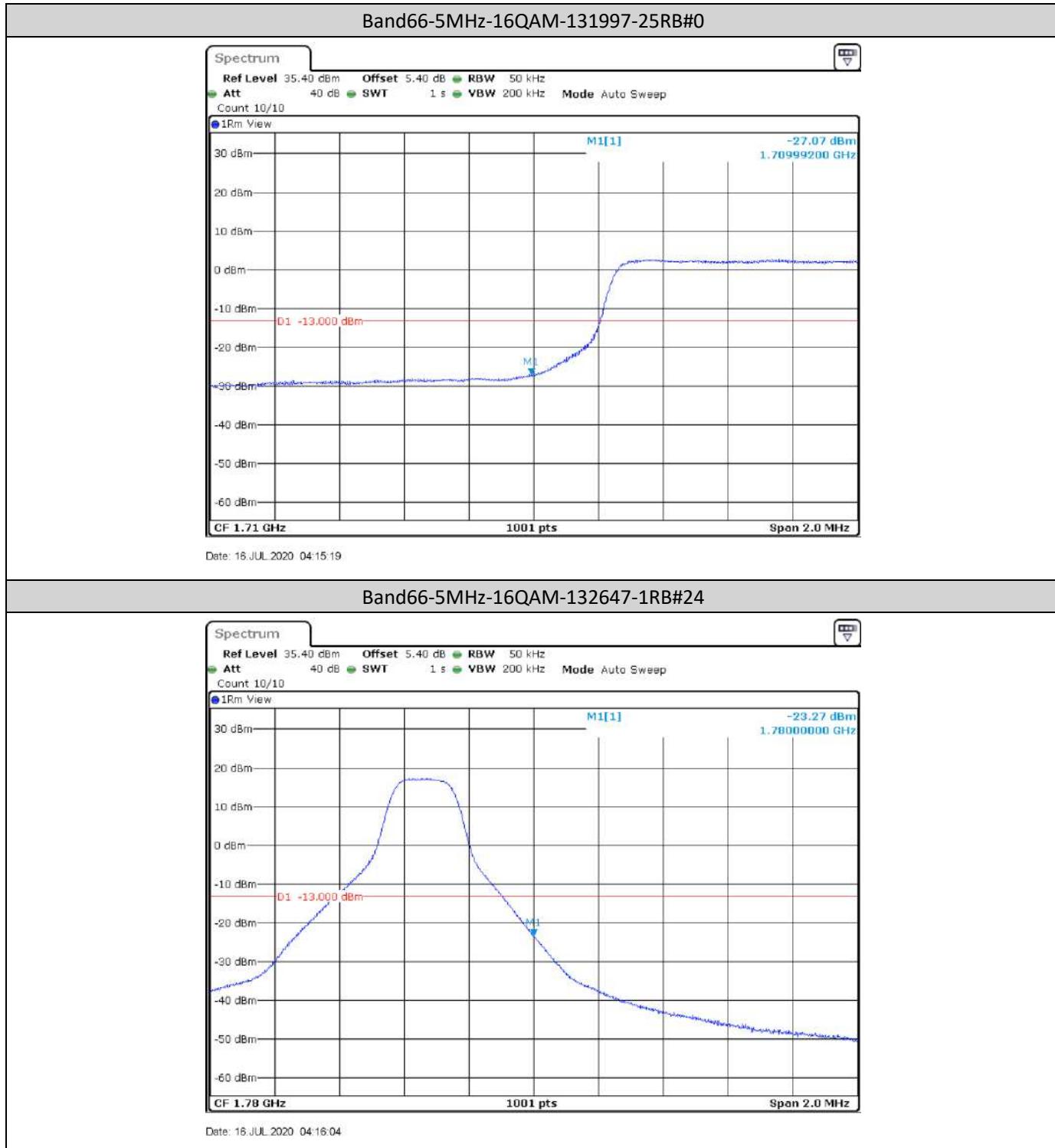
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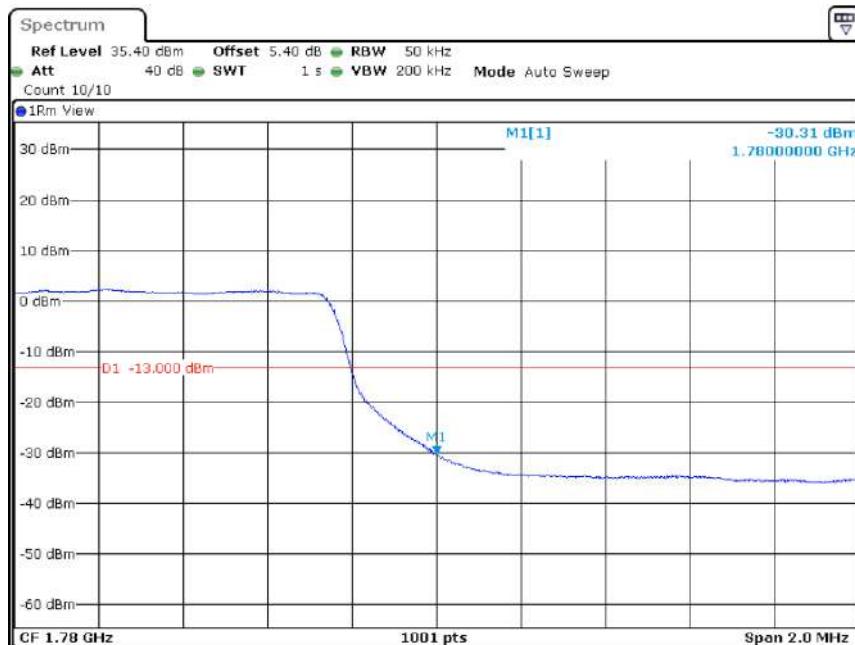
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Band66-5MHz-16QAM-132647-25RB#0



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



Date: 16 JUL 2020 04:17:11

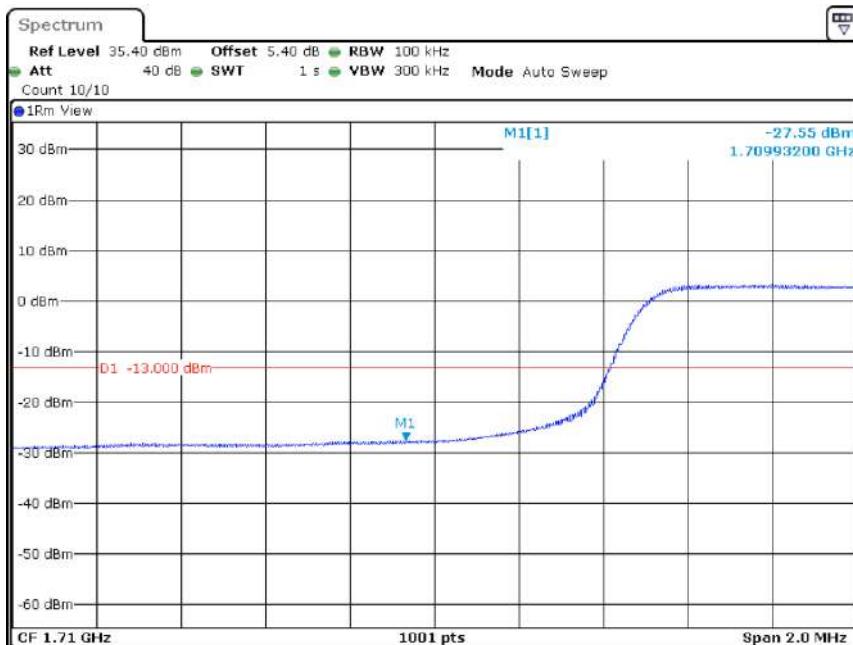
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Band66-10MHz-QPSK-132622-1RB#49



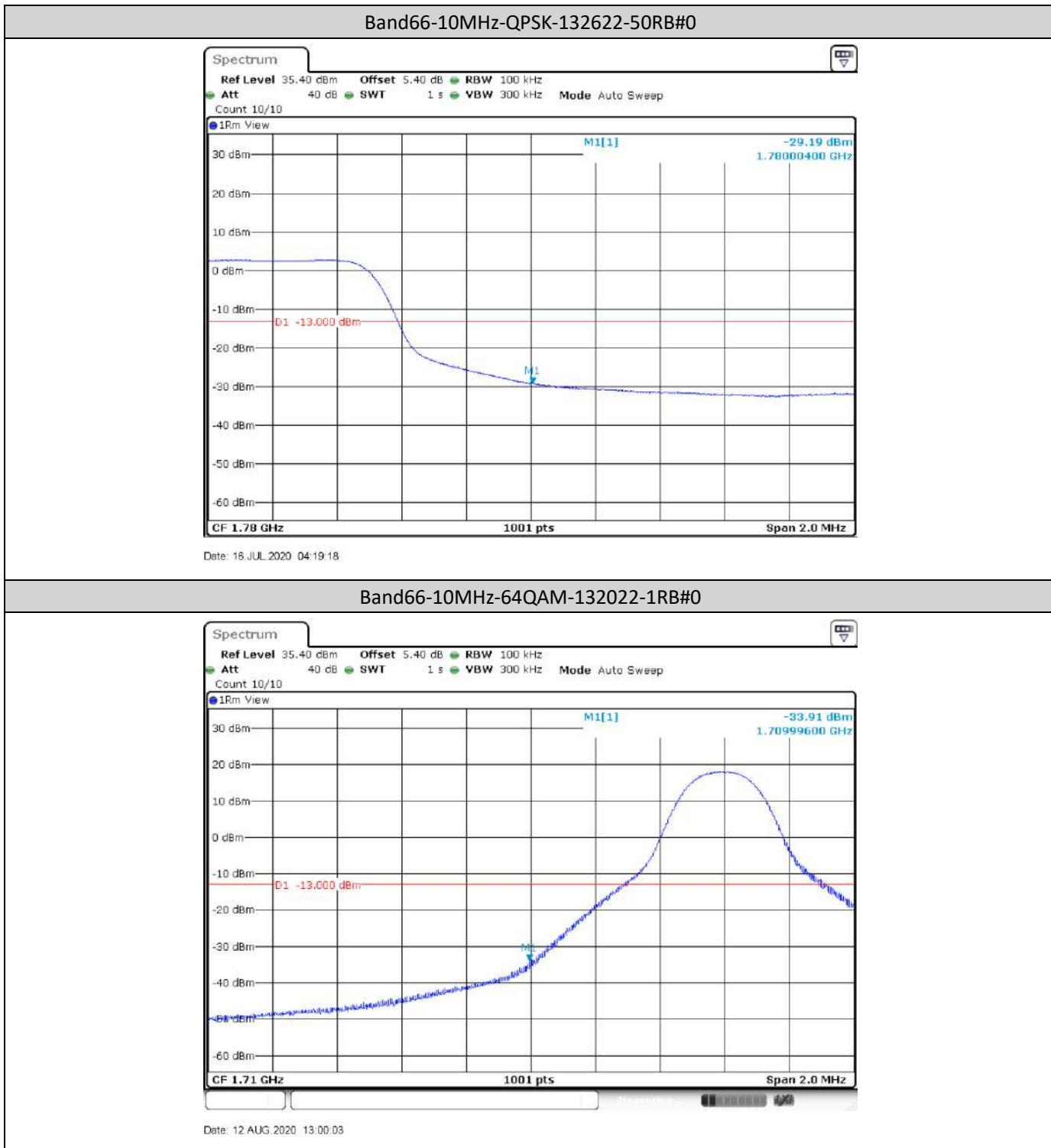
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Band66-10MHz-64QAM-132022-50RB#0



Date: 12 AUG 2020 13:00:24

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



Date: 12 AUG 2020 13:00:50

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



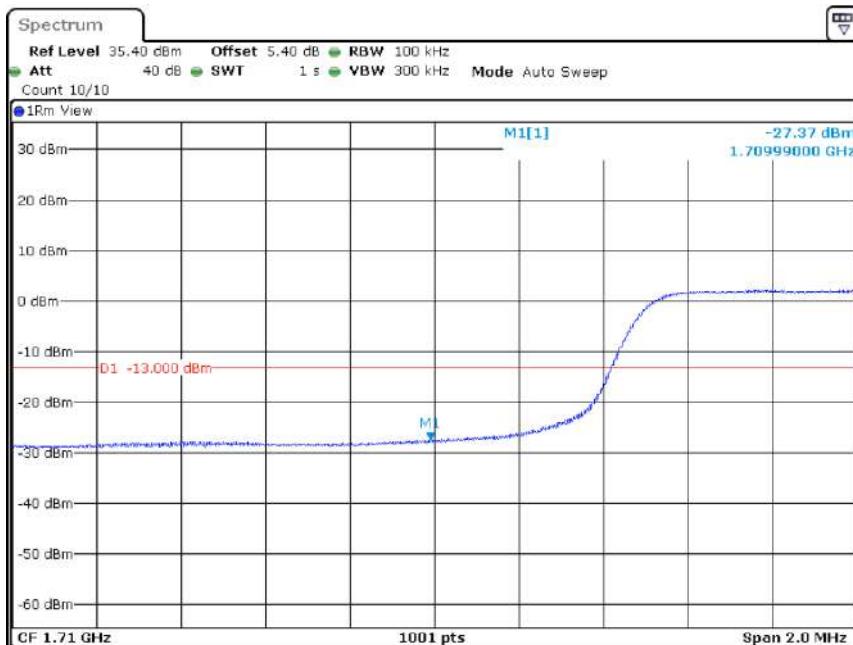
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Band66-10MHz-16QAM-132022-50RB#0



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



Date: 16 JUL 2020 04:18:58

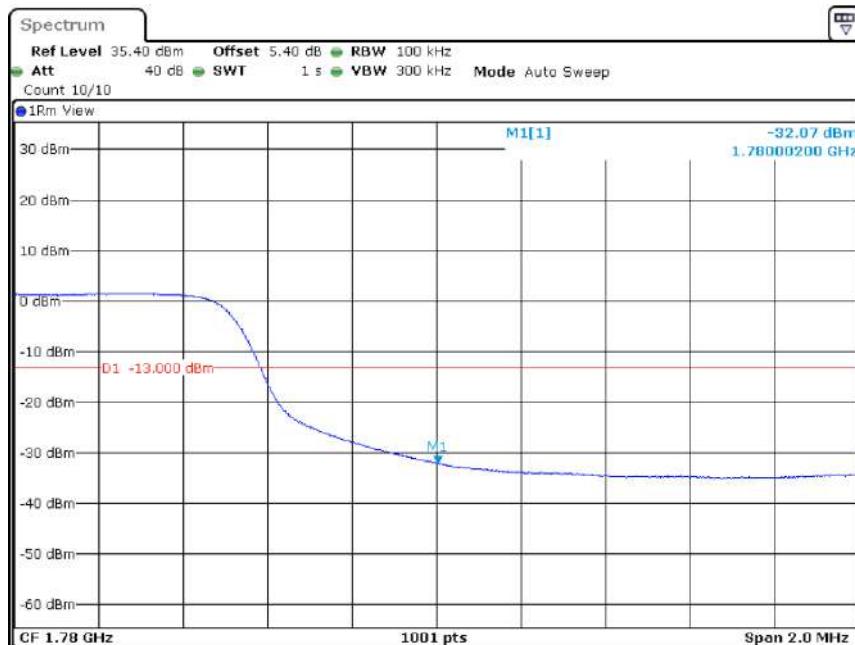
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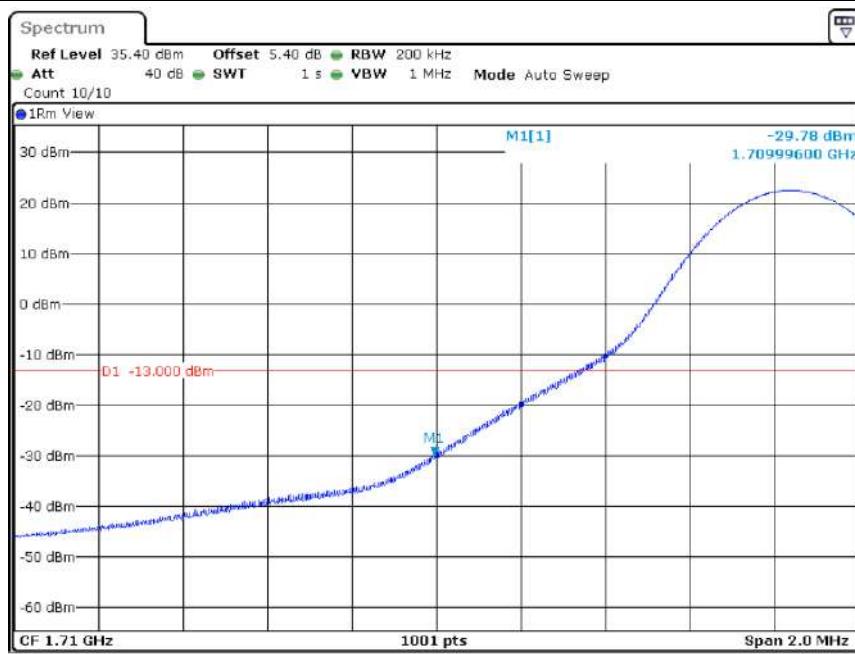
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Band66-15MHz-QPSK-132047-1RB#0



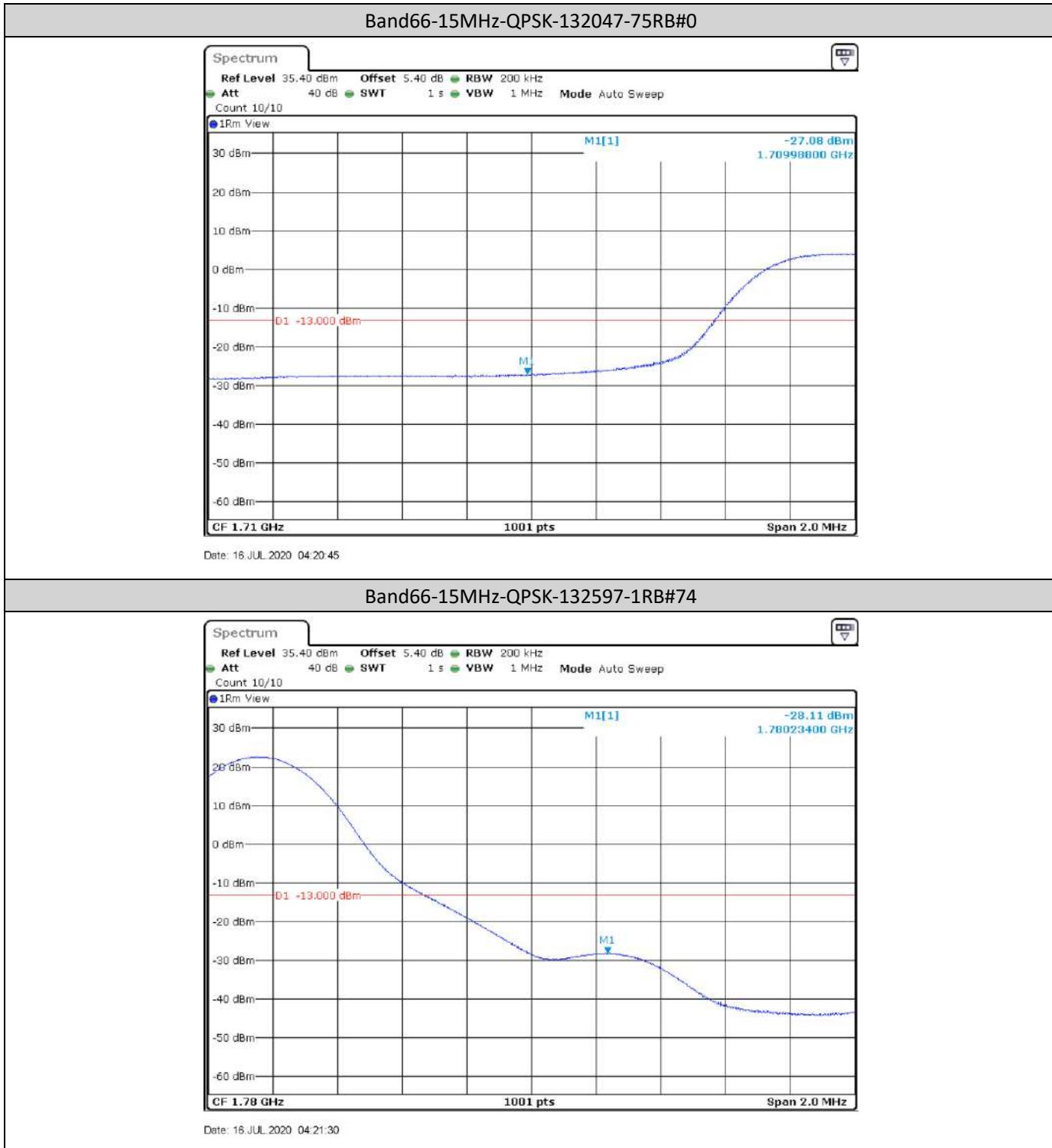
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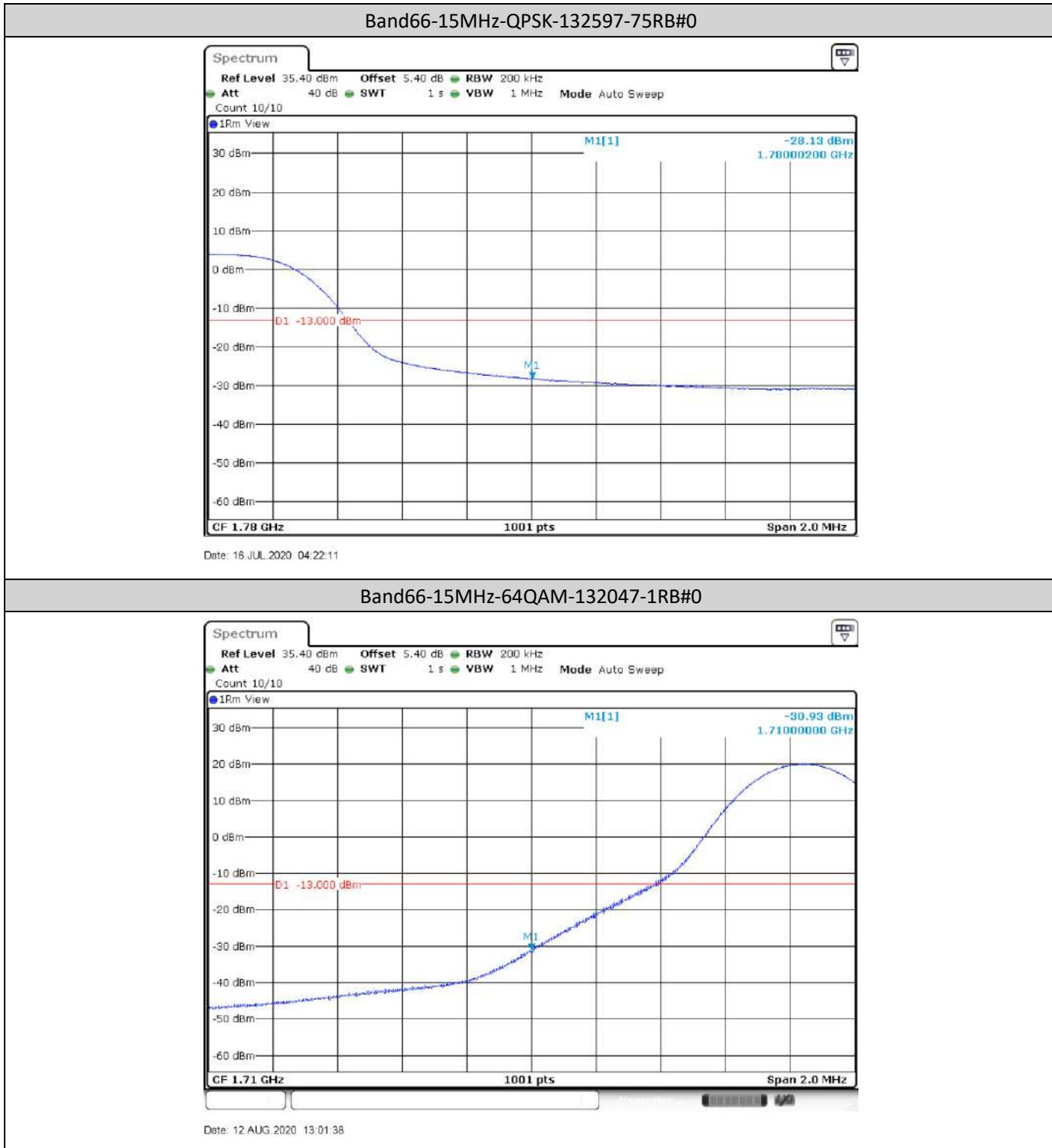


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Band66-15MHz-64QAM-132597-1RB#74



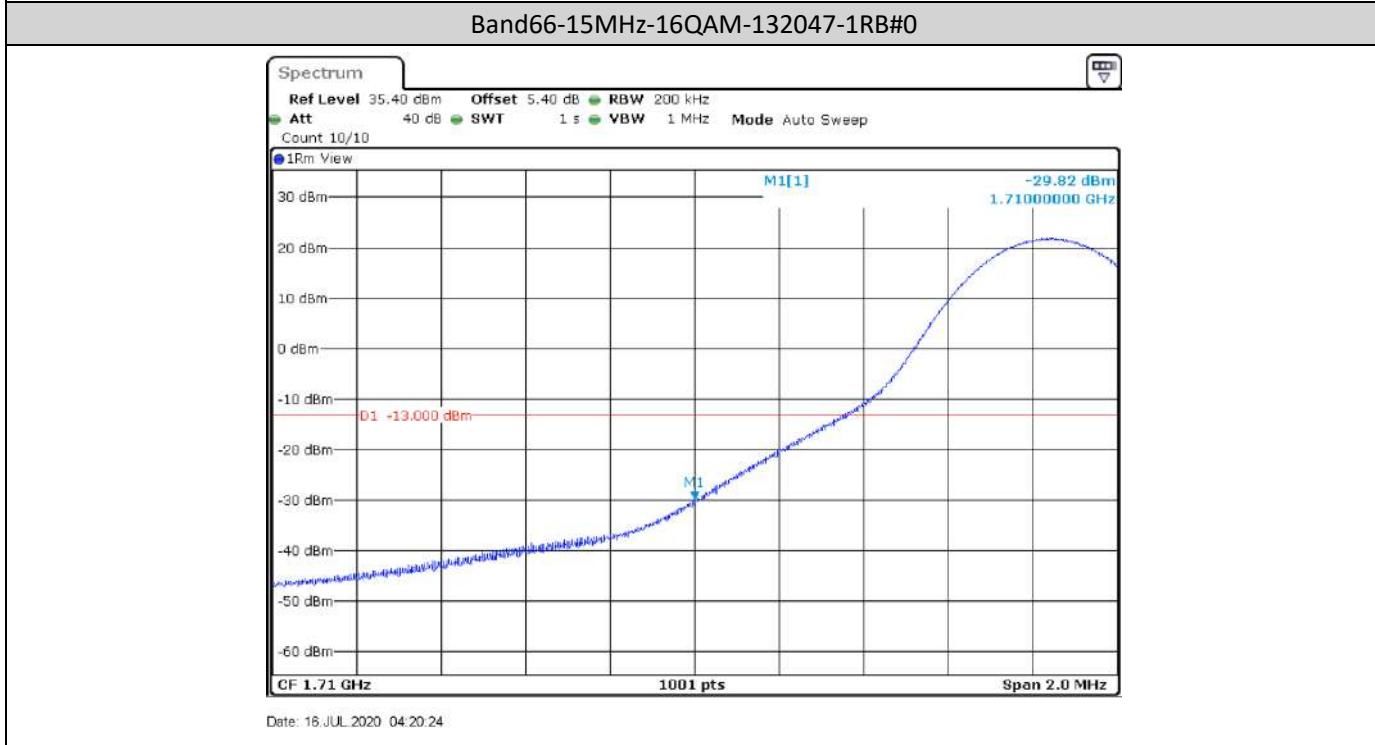
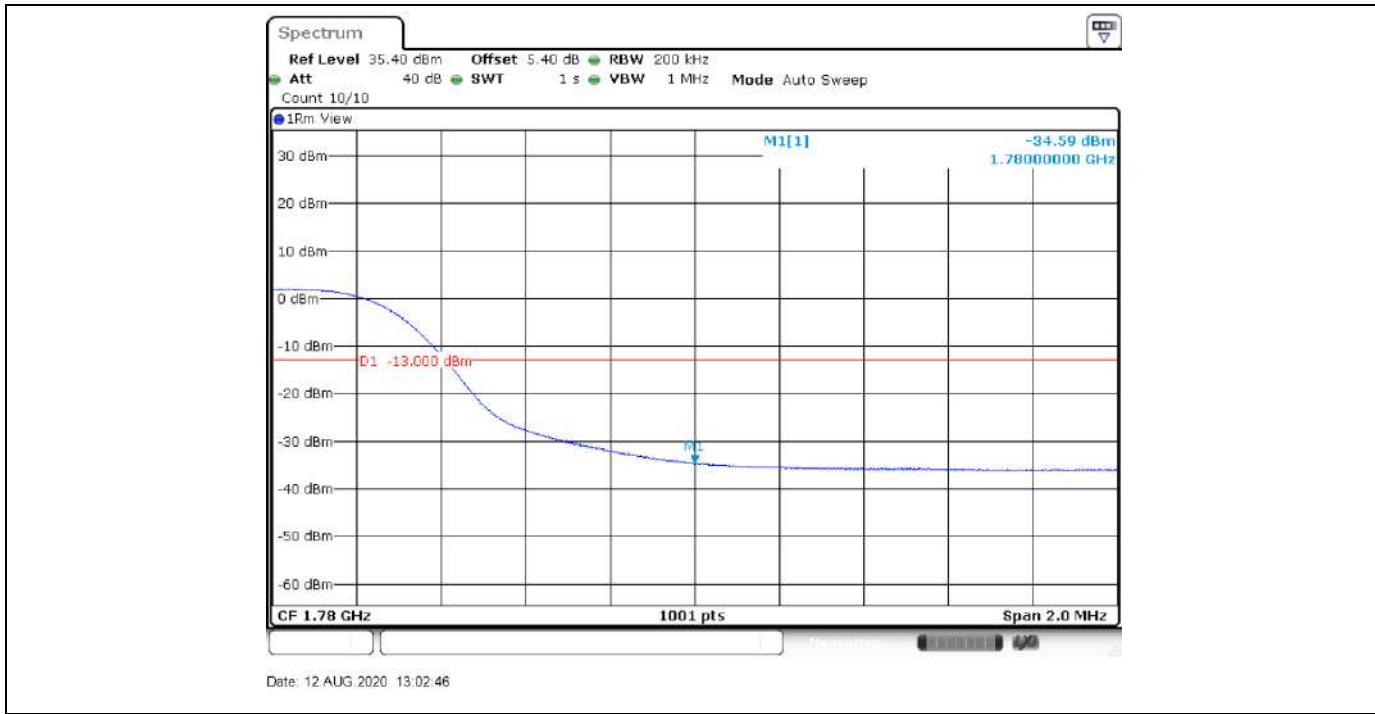
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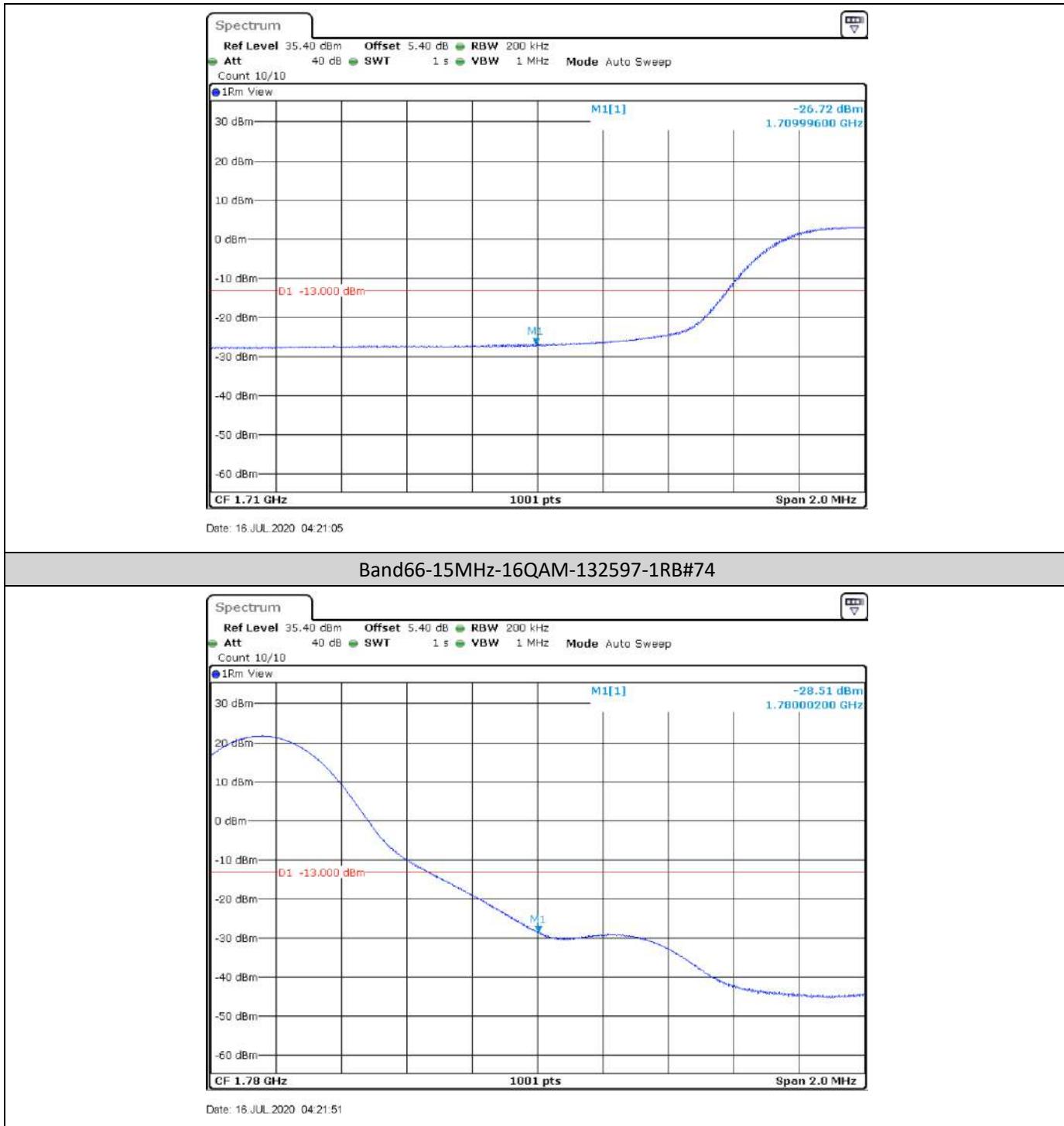
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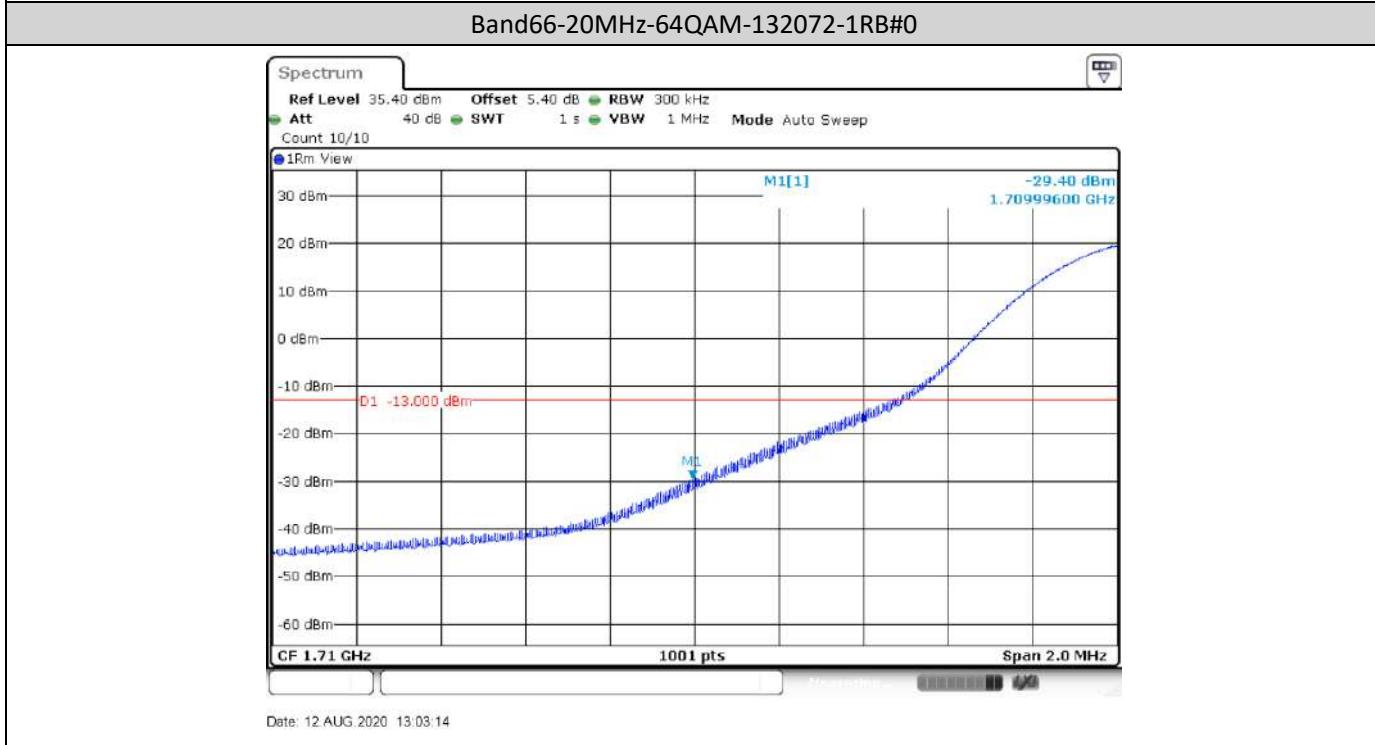
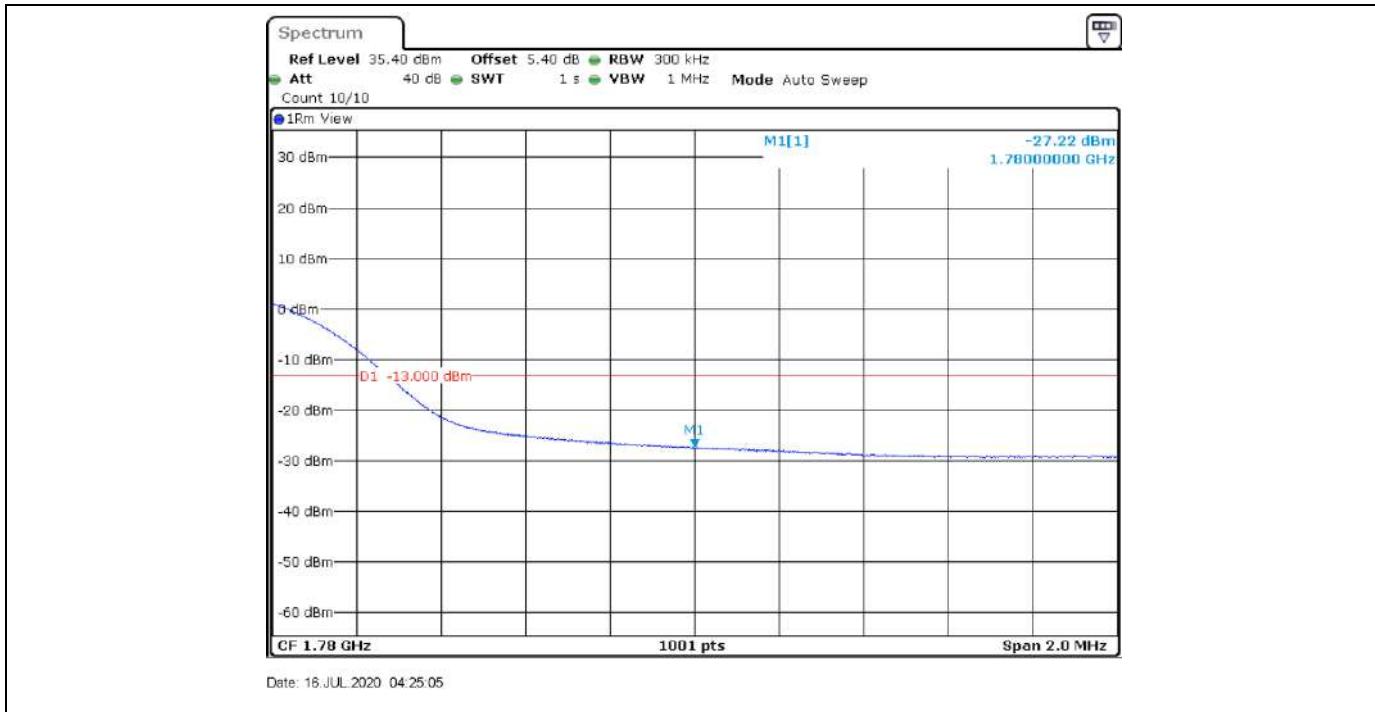


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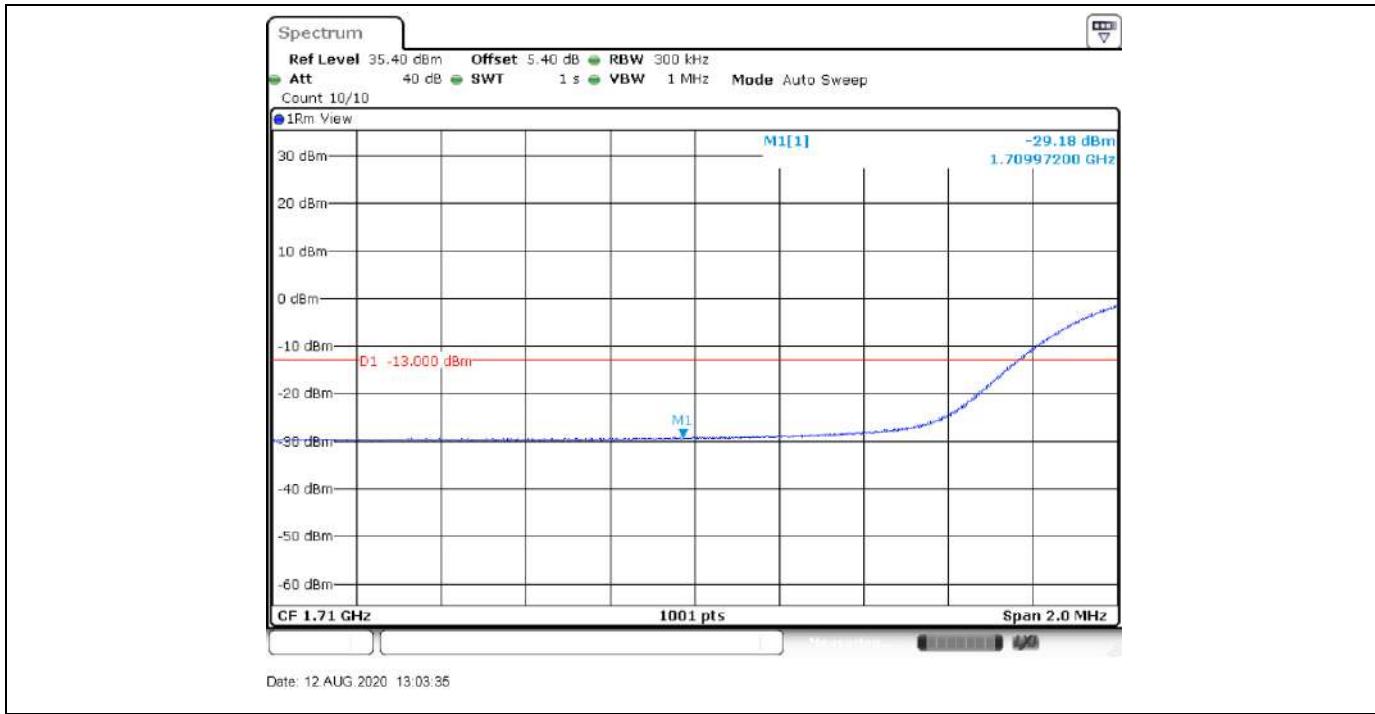


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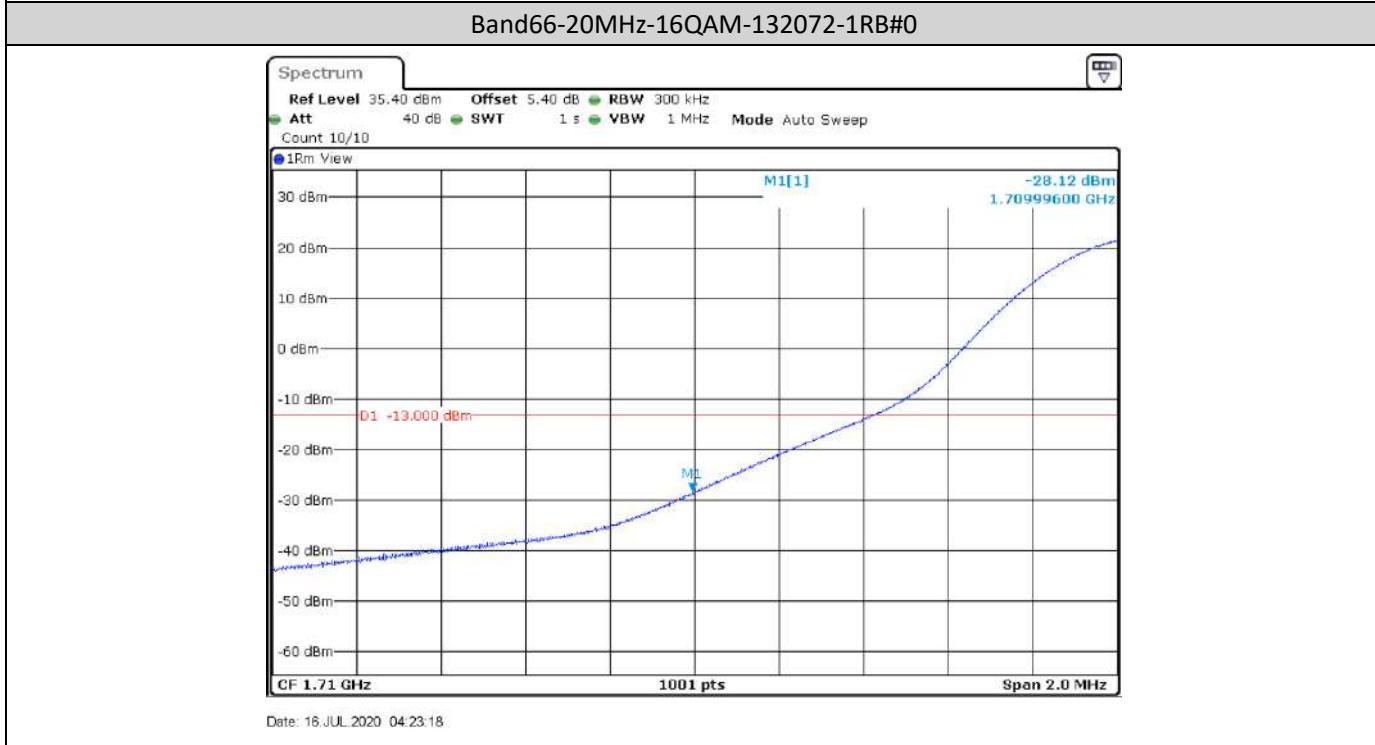
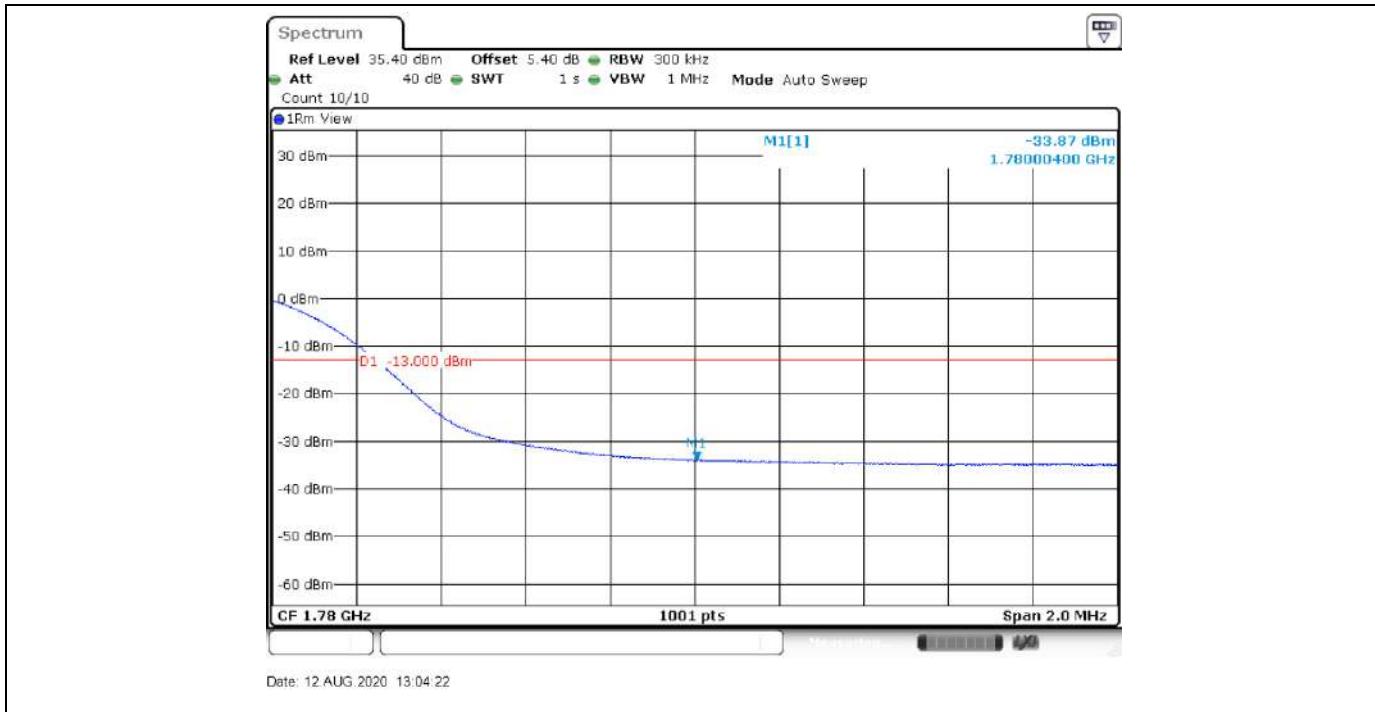


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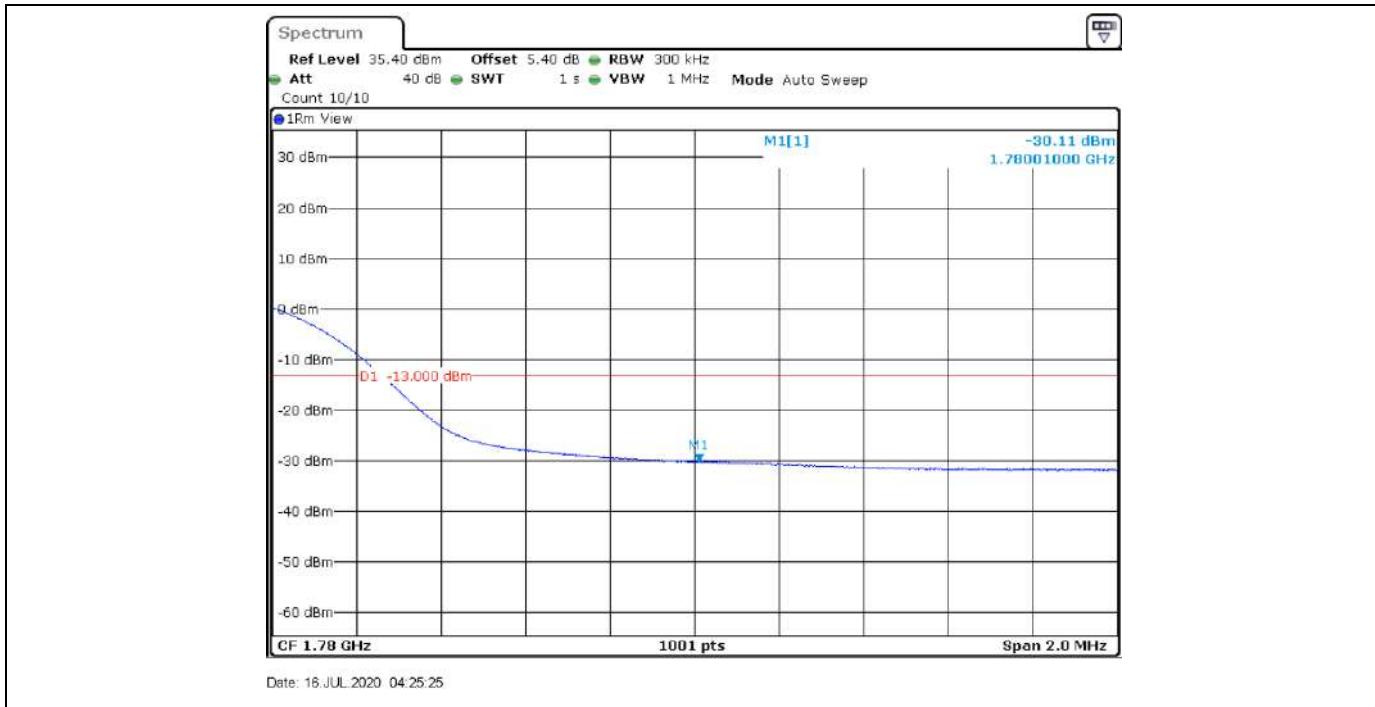


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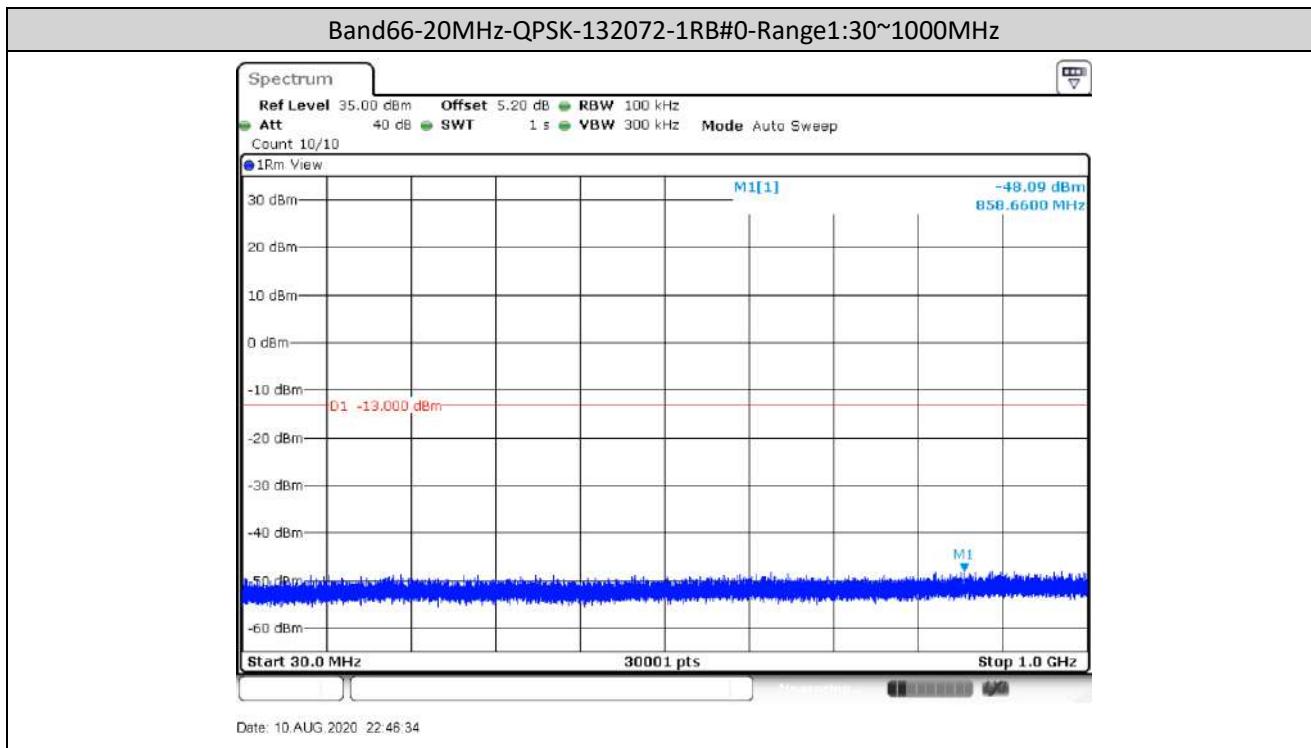
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6. Spurious Emission at Antenna Terminal

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 $< \text{RBW}/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / \text{RBW})$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots



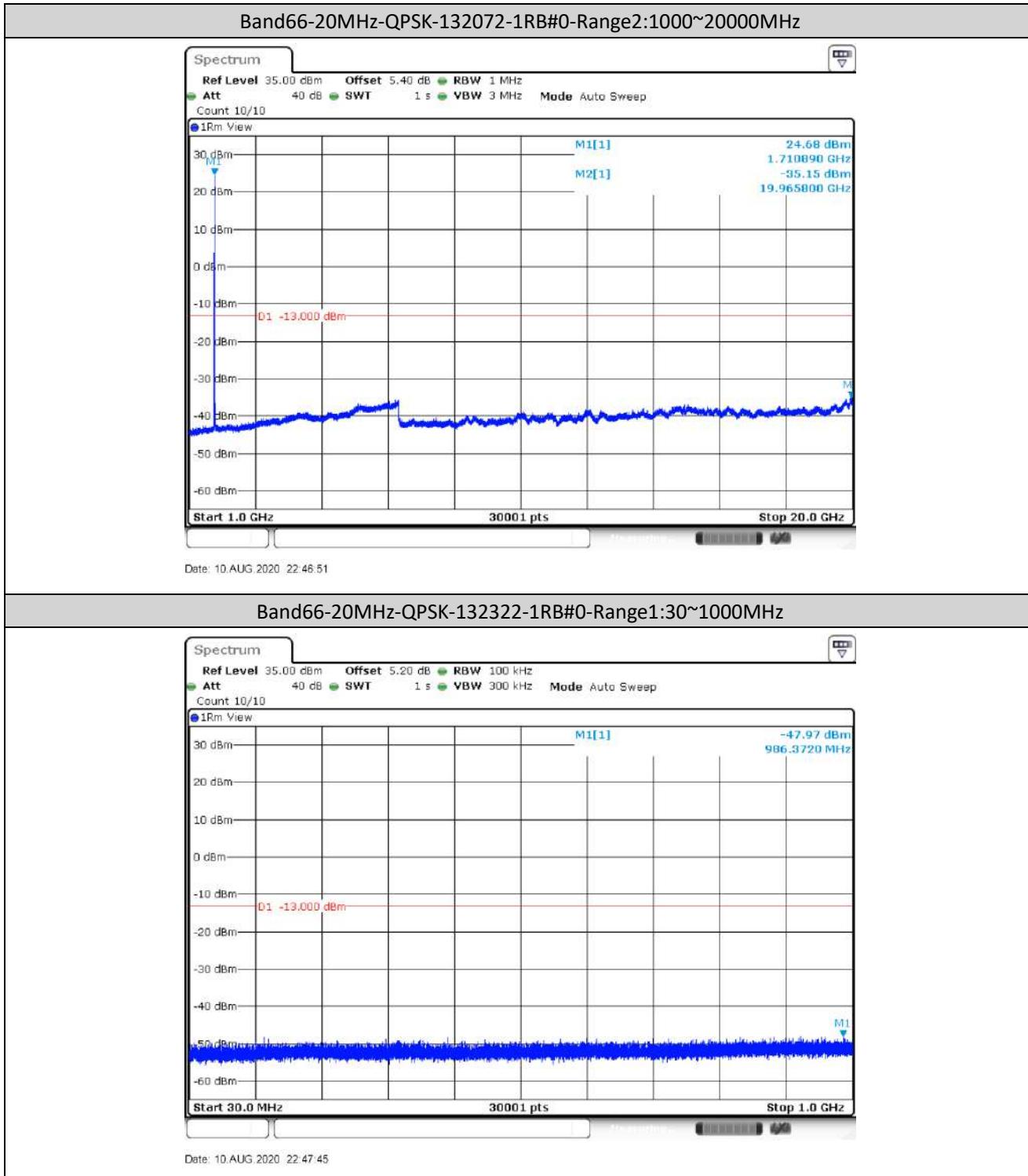
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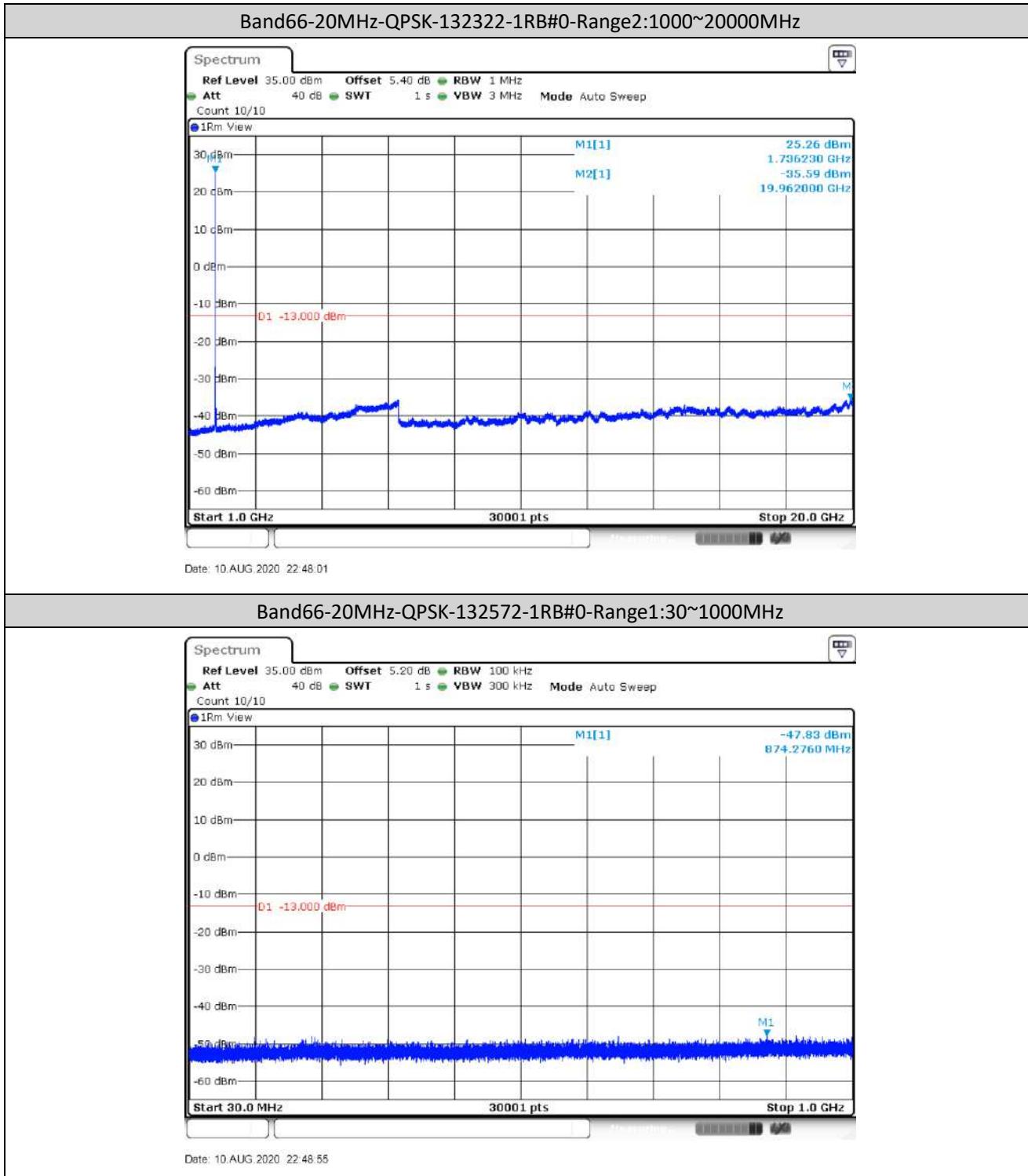


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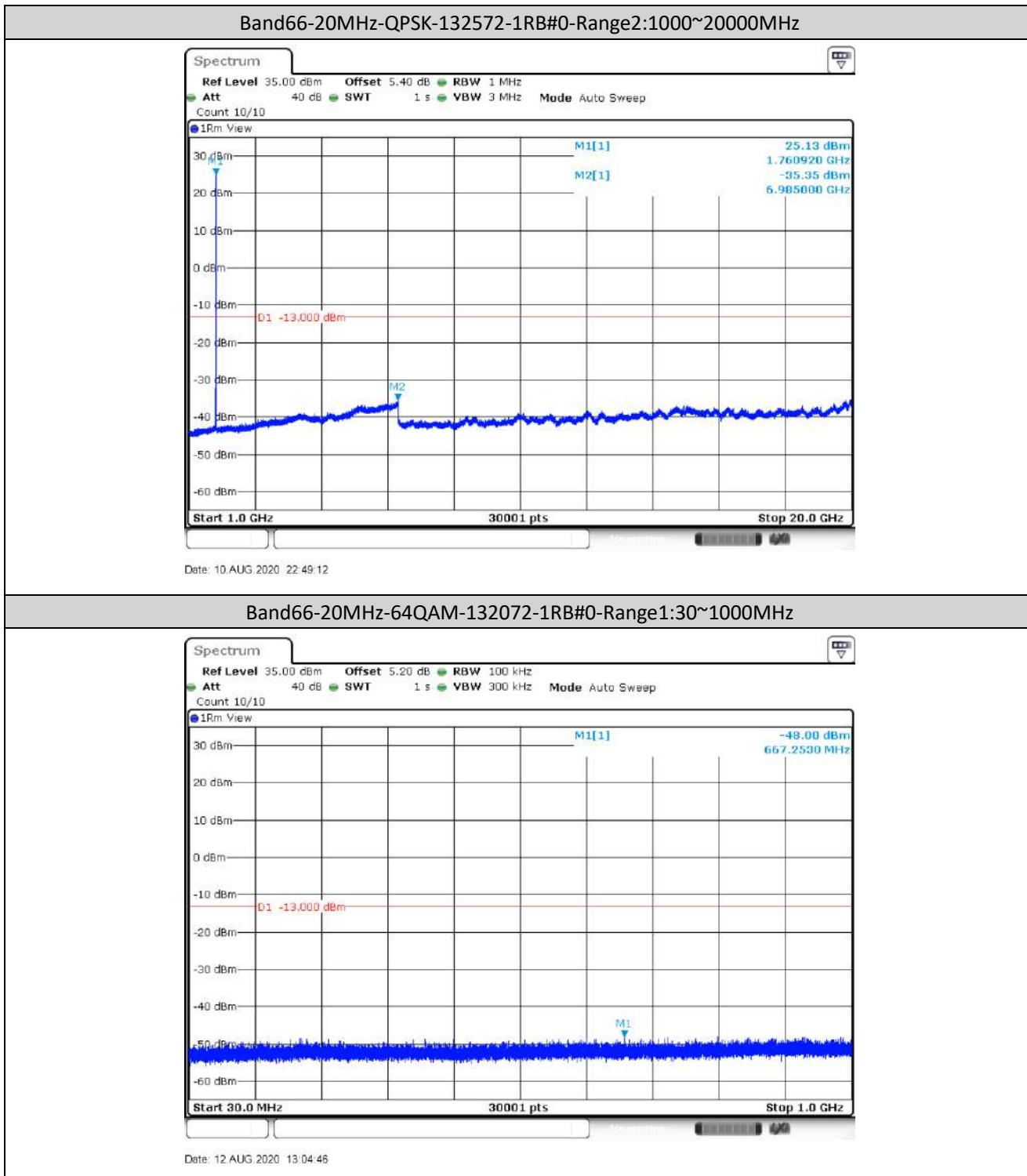


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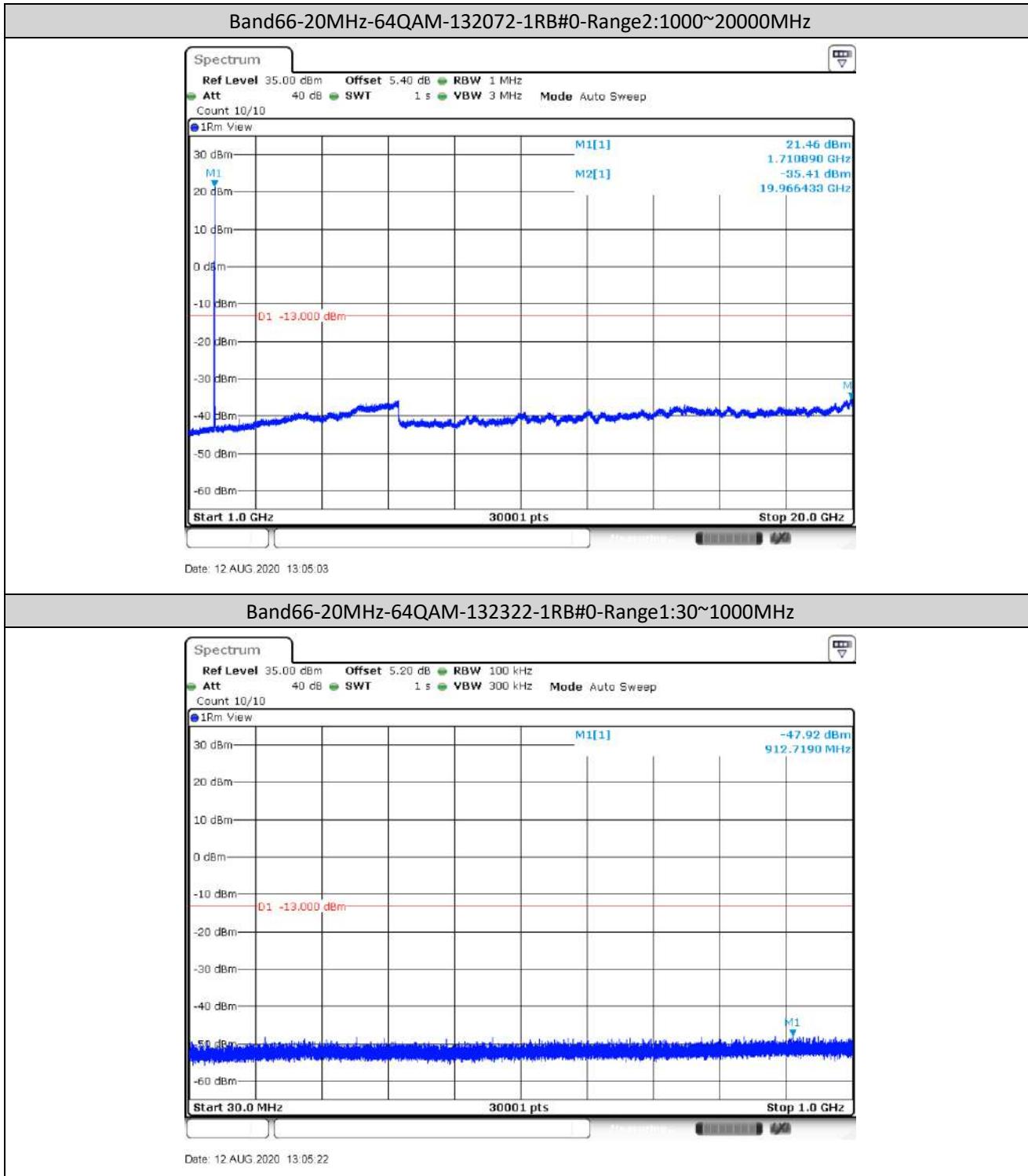


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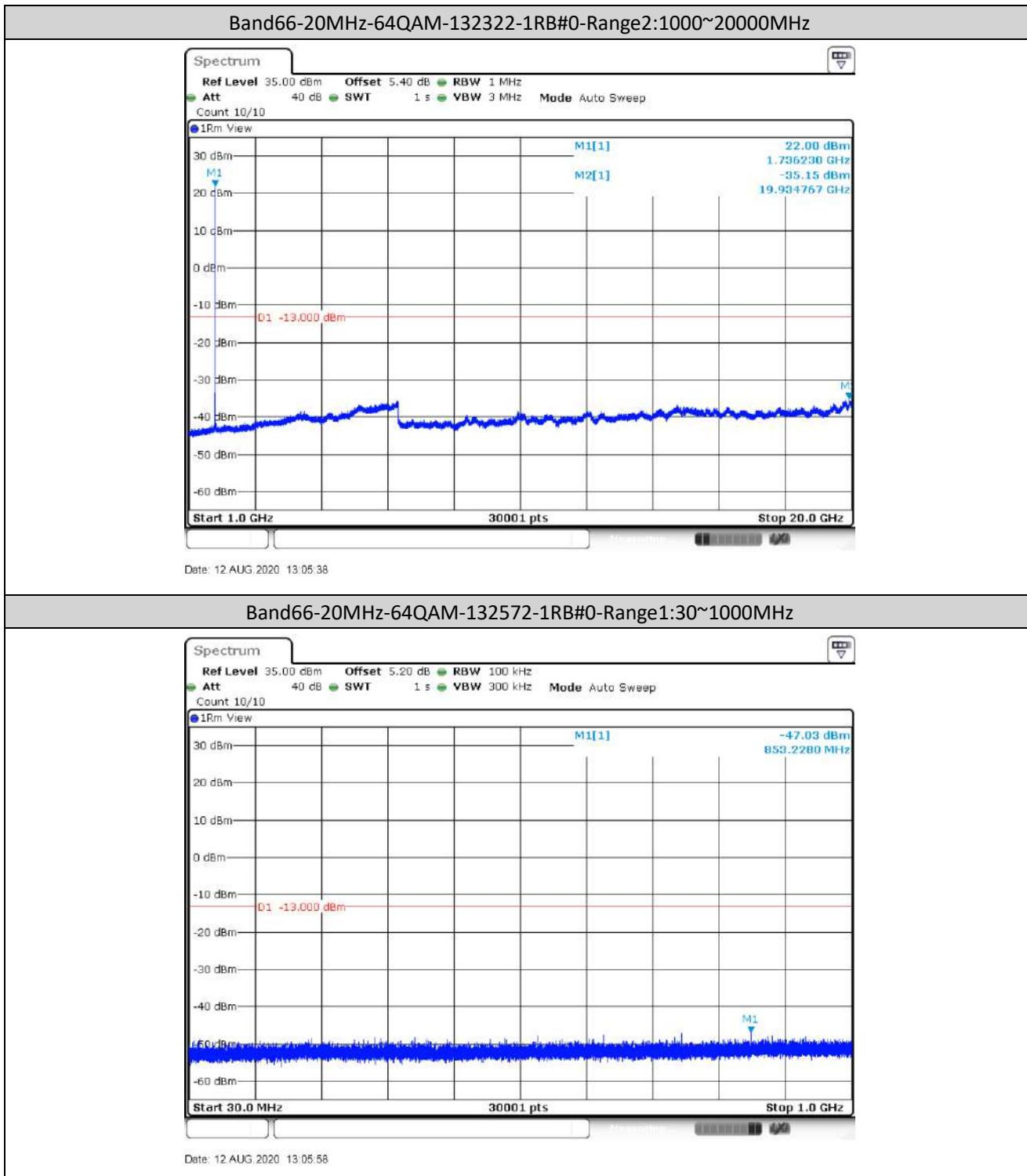


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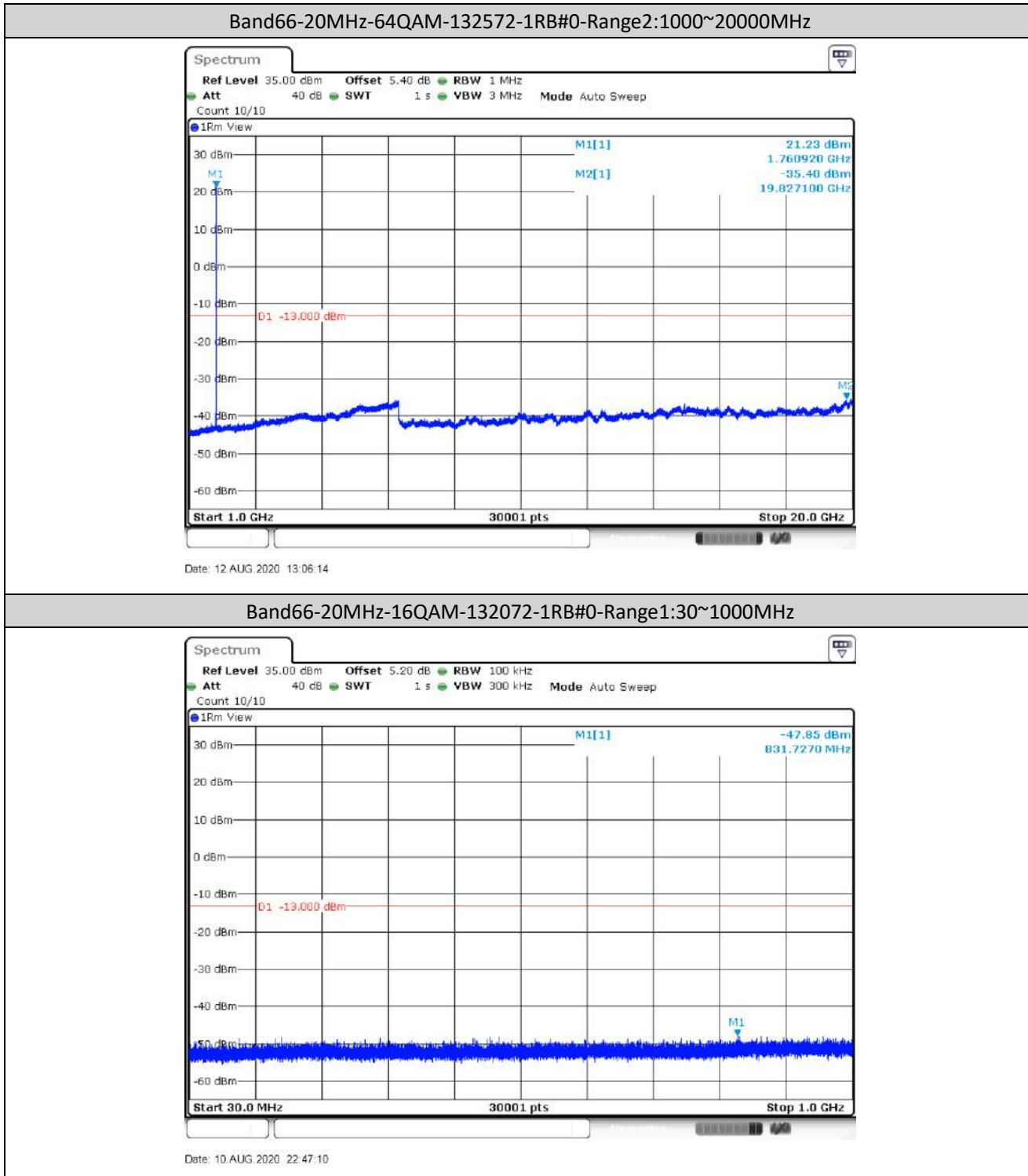


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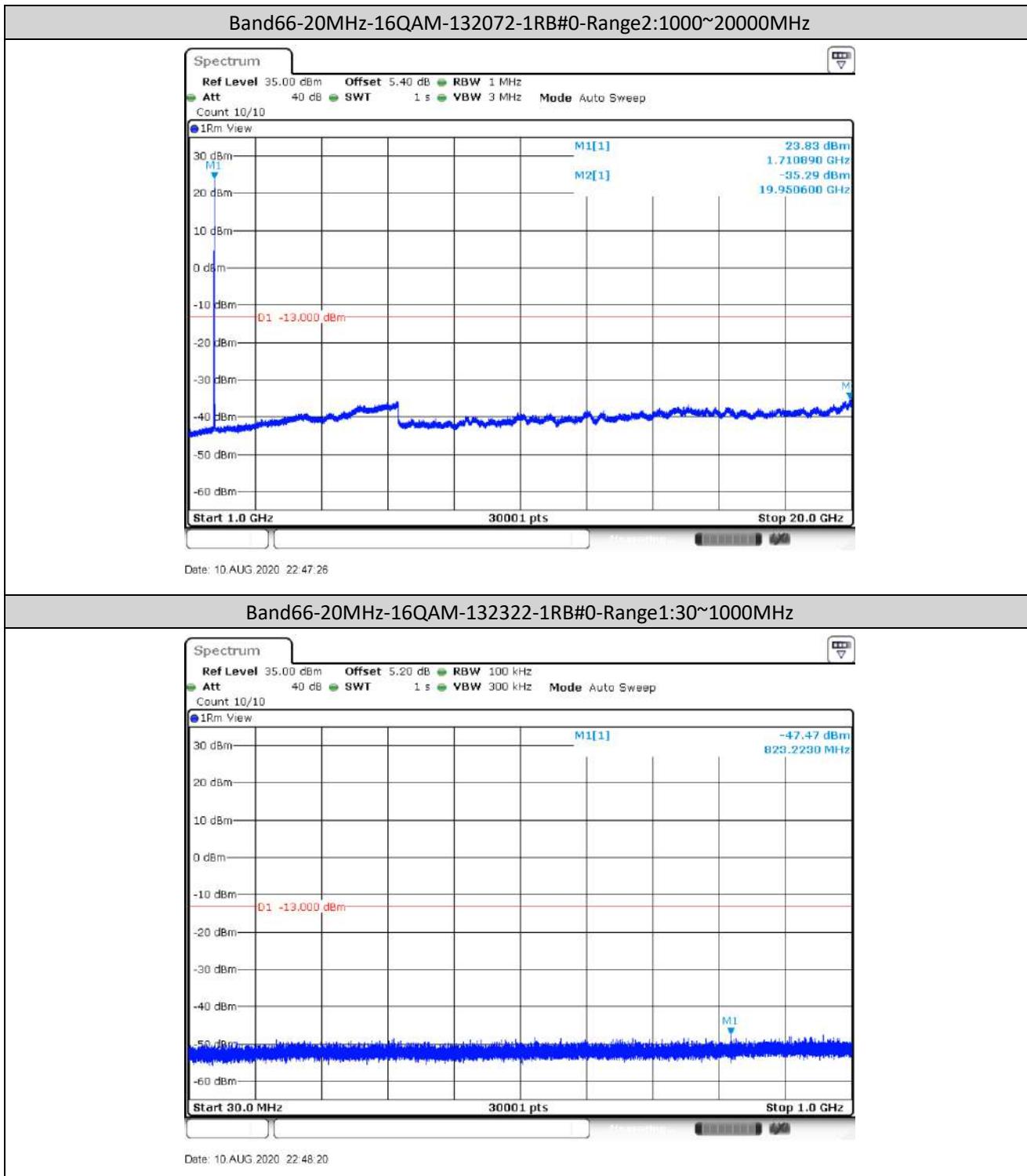


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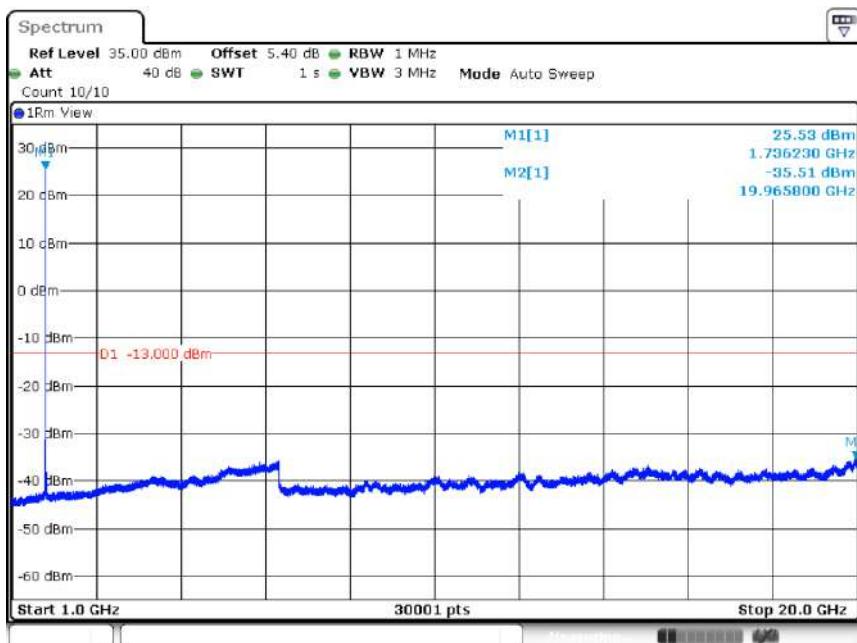
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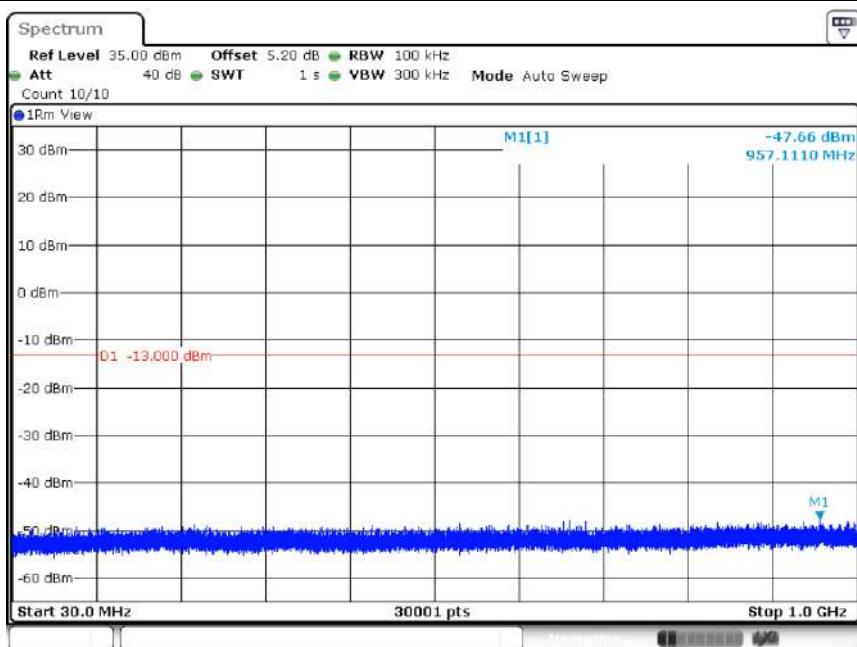
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Date: 10.AUG.2020 22:48:36

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



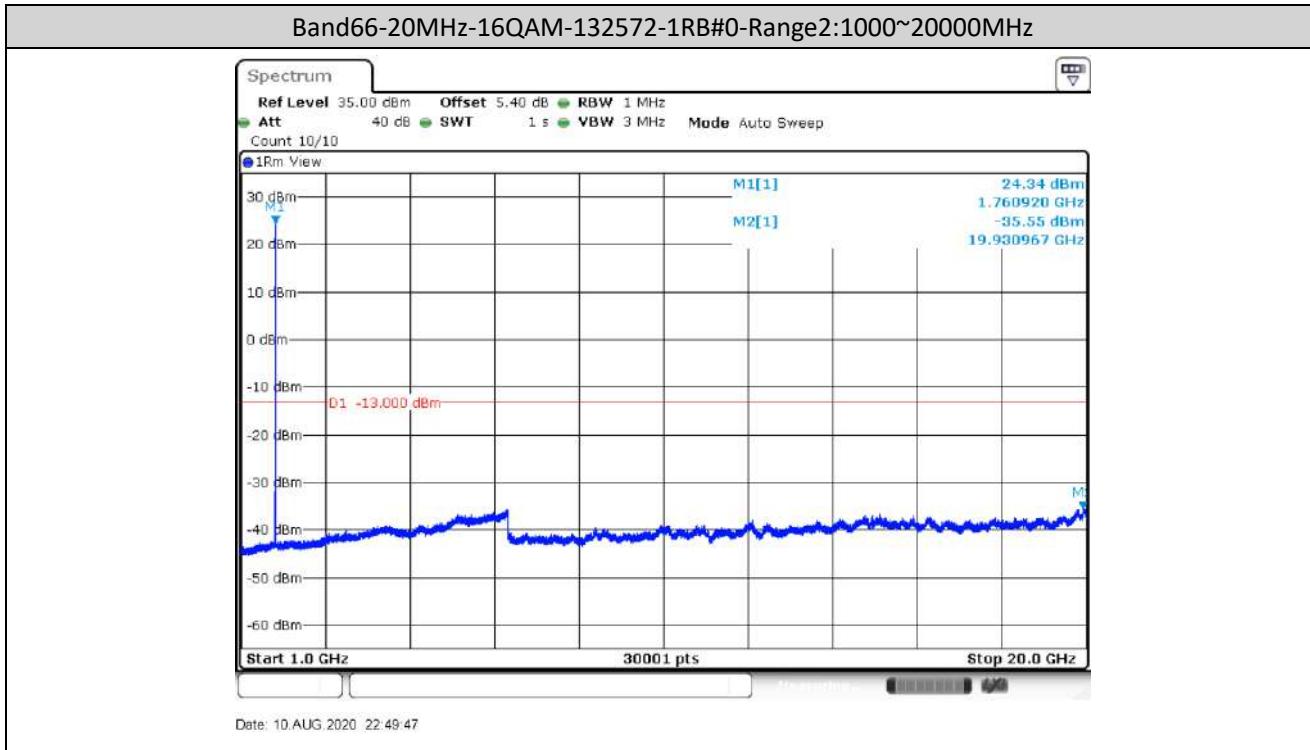
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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
75.1558	-64.50	-13.00	51.50	174	100	Vertical
148.0064	-78.28	-13.00	65.28	185	196	Vertical
3422.0141	-54.45	-13.00	41.45	196	4	Vertical
5133.5711	-56.21	-13.00	43.21	213	324	Vertical
6844.6282	-46.60	-13.00	33.60	262	196	Vertical
17987.4996	-40.36	-13.00	27.36	261	4	Vertical
35.7718	-71.50	-13.00	58.50	185	100	Horizontal
75.3013	-73.95	-13.00	60.95	196	292	Horizontal
3422.0141	-59.23	-13.00	46.23	231	100	Horizontal
5133.5711	-58.48	-13.00	45.48	252	292	Horizontal
6844.6282	-51.27	-13.00	38.27	261	132	Horizontal
16393.4464	-43.53	-13.00	30.53	278	228	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
75.0103	-65.13	-13.00	52.13	159	95	Vertical
466.6673	-85.41	-13.00	72.41	196	256	Vertical
2698.3397	-37.85	-13.00	24.85	185	269	Vertical
3472.0157	-52.48	-13.00	39.48	258	256	Vertical
5208.0736	-52.63	-13.00	39.63	264	256	Vertical
6944.6315	-46.28	-13.00	33.28	241	256	Vertical
35.6263	-74.25	-13.00	61.25	174	37	Horizontal
138.0634	-74.14	-13.00	61.14	185	100	Horizontal
2701.5403	-36.62	-13.00	23.62	199	268	Horizontal
3472.0157	-56.56	-13.00	43.56	231	197	Horizontal
6944.1315	-50.28	-13.00	37.28	262	5	Horizontal
16402.4467	-43.36	-13.00	30.36	165	68	Horizontal

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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
74.6222	-64.79	-13.00	51.79	156	102	Vertical
149.5585	-78.73	-13.00	65.73	196	166	Vertical
3522.0174	-52.19	-13.00	39.19	321	39	Vertical
5283.0761	-58.87	-13.00	45.87	262	6	Vertical
7044.1348	-46.63	-13.00	33.63	224	102	Vertical
17984.9995	-40.02	-13.00	27.02	184	134	Vertical
67.5894	-74.26	-13.00	61.26	251	290	Horizontal
140.1975	-78.99	-13.00	65.99	185	322	Horizontal
3522.5174	-54.04	-13.00	41.04	196	259	Horizontal
5283.5761	-61.82	-13.00	48.82	213	290	Horizontal
7044.6348	-48.05	-13.00	35.05	251	94	Horizontal
16398.9466	-43.75	-13.00	30.75	164	195	Horizontal

Remark:

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

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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	4.80	0.002791	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	1.80	0.001047	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	-2.70	-0.001570	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	2.50	0.001433	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	1.50	0.000860	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	-4.30	-0.002429	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	-2.30	-0.001299	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-1.70	-0.000960	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VL	NT	-0.50	-0.000291	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VN	NT	-4.50	-0.002616	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VH	NT	-2.80	-0.001628	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VL	NT	1.60	0.000917	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VN	NT	-7.10	-0.004069	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VH	NT	1.90	0.001089	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VL	NT	-13.50	-0.007627	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VN	NT	-2.10	-0.001186	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VH	NT	-7.60	-0.004294	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	4.80	0.002791	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	6.20	0.003605	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	4.50	0.002616	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-0.10	-0.000057	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-2.00	-0.001146	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	7.00	0.004011	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	-1.70	-0.000960	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	-8.80	-0.004972	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	-15.70	-0.008870	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	-9.10	-0.005291	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	4.40	0.002558	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	-6.80	-0.003977	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	-2.00	-0.001163	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-7.50	-0.004360	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	4.10	0.002384	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	-9.80	-0.005731	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	-4.30	-0.002515	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	-6.30	-0.003684	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	2.60	0.001490	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	0.50	0.000287	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-5.30	-0.003037	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	6.10	0.003496	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-7.40	-0.004241	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-5.90	-0.003381	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-4.20	-0.002407	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-5.40	-0.003095	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-8.20	-0.004699	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	0.20	0.000113	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-6.90	-0.003898	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	3.40	0.001921	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-1.70	-0.000960	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	-9.60	-0.005424	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-16.60	-0.009379	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	-3.90	-0.002203	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	-6.30	-0.003559	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	-7.20	-0.004068	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-30	-5.70	-0.003314	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-20	-6.00	-0.003488	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-10	-8.50	-0.004971	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	0	-9.30	-0.005407	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	10	6.00	0.003488	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	20	-5.10	-0.002965	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	30	-10.30	-0.006023	±2.5	PASS

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Band66	20MHz	64QAM	132072	100RB#0	NV	40	-6.30	-0.003684	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	50	-5.20	-0.003041	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-30	-6.00	-0.003438	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-20	-9.50	-0.005444	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-10	5.20	0.002980	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	0	7.30	0.004183	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	10	-11.40	-0.006533	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	20	6.50	0.003725	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	30	-4.90	-0.002808	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	40	-3.20	-0.001834	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	50	-4.20	-0.002407	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-30	-5.70	-0.003220	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-20	-7.20	-0.004068	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-10	-8.40	-0.004746	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	0	-12.70	-0.007175	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	10	-1.30	-0.000734	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	20	-14.40	-0.008136	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	30	0.80	0.000452	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	40	3.30	0.001864	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	50	-6.20	-0.003503	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	-10.60	-0.006163	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	-0.40	-0.000233	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-10	-4.70	-0.002749	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	-7.40	-0.004302	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	-8.70	-0.005058	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	6.40	0.003721	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	30	-6.60	-0.003860	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	40	-5.30	-0.003099	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	50	3.90	0.002281	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	-7.80	-0.004470	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	2.00	0.001146	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	-3.90	-0.002235	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-8.40	-0.004814	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-1.90	-0.001089	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-3.00	-0.001719	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	-7.40	-0.004241	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	4.80	0.002751	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	-5.10	-0.002923	±2.5	PASS

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Band66	20MHz	16QAM	132572	100RB#0	NV	-30	-15.60	-0.008814	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	-15.50	-0.008757	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-10	5.30	0.002994	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	-2.50	-0.001412	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	-2.30	-0.001299	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	-1.90	-0.001073	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	30	-6.50	-0.003672	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	40	-7.20	-0.004068	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	50	-4.80	-0.002712	±2.5	PASS

The End

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