



Appendix B

E-UTRA Band 66



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1 Effective (Isotropic) Radiated Power

1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	20.82	21.78	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	20.79	21.75	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	20.77	21.73	33.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	20.92	21.88	33.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	20.80	21.76	33.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	20.87	21.83	33.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	19.77	20.73	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	20.79	21.75	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	20.80	21.76	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	20.76	21.72	33.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	20.83	21.79	33.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	20.81	21.77	33.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	20.83	21.79	33.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	19.79	20.75	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	20.69	21.65	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	20.85	21.81	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	20.85	21.81	33.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	20.85	21.81	33.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	20.88	21.84	33.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	20.88	21.84	33.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	19.89	20.85	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	19.85	20.81	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	19.96	20.92	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	19.79	20.75	33.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	19.86	20.82	33.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	19.81	20.77	33.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	19.74	20.7	33.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	18.88	19.84	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	19.91	20.87	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	19.98	20.94	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	19.87	20.83	33.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	19.77	20.73	33.00	PASS



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Band66	1.4MHz	16QAM	132322	3RB#1	19.79	20.75	33.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	19.82	20.78	33.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	18.82	19.78	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	19.88	20.84	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	19.82	20.78	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	19.94	20.9	33.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	19.80	20.76	33.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	19.82	20.78	33.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	19.91	20.87	33.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	18.80	19.76	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	18.83	19.79	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	18.95	19.91	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	18.71	19.67	33.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#0	18.83	19.79	33.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#1	18.75	19.71	33.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#3	18.69	19.65	33.00	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	17.88	18.84	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	18.91	19.87	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	18.99	19.95	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	18.89	19.85	33.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#0	18.70	19.66	33.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#1	18.74	19.7	33.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#3	18.84	19.8	33.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	17.74	18.7	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	18.85	19.81	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	18.83	19.79	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	18.88	19.84	33.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#0	18.75	19.71	33.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#1	18.74	19.7	33.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#3	18.87	19.83	33.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	17.76	18.72	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	20.88	21.84	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	20.75	21.71	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	20.90	21.86	33.00	PASS
Band66	3MHz	QPSK	131987	8RB#0	19.81	20.77	33.00	PASS
Band66	3MHz	QPSK	131987	8RB#4	19.99	20.95	33.00	PASS
Band66	3MHz	QPSK	131987	8RB#7	19.87	20.83	33.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	19.85	20.81	33.00	PASS



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Band66	3MHz	QPSK	132322	1RB#0	20.92	21.88	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	20.85	21.81	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	20.84	21.8	33.00	PASS
Band66	3MHz	QPSK	132322	8RB#0	19.89	20.85	33.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	19.92	20.88	33.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	19.94	20.9	33.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	19.81	20.77	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	19.89	20.85	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	20.80	21.76	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	20.90	21.86	33.00	PASS
Band66	3MHz	QPSK	132657	8RB#0	19.79	20.75	33.00	PASS
Band66	3MHz	QPSK	132657	8RB#4	19.89	20.85	33.00	PASS
Band66	3MHz	QPSK	132657	8RB#7	19.87	20.83	33.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	19.87	20.83	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	19.91	20.87	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	19.82	20.78	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	19.80	20.76	33.00	PASS
Band66	3MHz	16QAM	131987	8RB#0	18.89	19.85	33.00	PASS
Band66	3MHz	16QAM	131987	8RB#4	18.91	19.87	33.00	PASS
Band66	3MHz	16QAM	131987	8RB#7	18.87	19.83	33.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	18.82	19.78	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	19.92	20.88	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	19.87	20.83	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	19.83	20.79	33.00	PASS
Band66	3MHz	16QAM	132322	8RB#0	18.97	19.93	33.00	PASS
Band66	3MHz	16QAM	132322	8RB#4	18.96	19.92	33.00	PASS
Band66	3MHz	16QAM	132322	8RB#7	18.88	19.84	33.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	18.88	19.84	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	19.90	20.86	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	19.85	20.81	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	19.76	20.72	33.00	PASS
Band66	3MHz	16QAM	132657	8RB#0	18.92	19.88	33.00	PASS
Band66	3MHz	16QAM	132657	8RB#4	18.91	19.87	33.00	PASS
Band66	3MHz	16QAM	132657	8RB#7	18.97	19.93	33.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	18.78	19.74	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	18.83	19.79	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	18.76	19.72	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	18.75	19.71	33.00	PASS



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Band66	3MHz	64QAM	131987	8RB#0	17.91	18.87	33.00	PASS
Band66	3MHz	64QAM	131987	8RB#4	17.84	18.8	33.00	PASS
Band66	3MHz	64QAM	131987	8RB#7	17.84	18.8	33.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	17.76	18.72	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	18.88	19.84	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	18.80	19.76	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	18.83	19.79	33.00	PASS
Band66	3MHz	64QAM	132322	8RB#0	17.97	18.93	33.00	PASS
Band66	3MHz	64QAM	132322	8RB#4	17.92	18.88	33.00	PASS
Band66	3MHz	64QAM	132322	8RB#7	17.83	18.79	33.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	17.81	18.77	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	18.87	19.83	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	18.77	19.73	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	18.72	19.68	33.00	PASS
Band66	3MHz	64QAM	132657	8RB#0	17.86	18.82	33.00	PASS
Band66	3MHz	64QAM	132657	8RB#4	17.88	18.84	33.00	PASS
Band66	3MHz	64QAM	132657	8RB#7	17.97	18.93	33.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	17.70	18.66	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	20.84	21.8	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	20.83	21.79	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	20.82	21.78	33.00	PASS
Band66	5MHz	QPSK	131997	12RB#0	19.85	20.81	33.00	PASS
Band66	5MHz	QPSK	131997	12RB#6	19.80	20.76	33.00	PASS
Band66	5MHz	QPSK	131997	12RB#13	19.71	20.67	33.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	19.74	20.7	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	20.88	21.84	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	20.87	21.83	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	20.76	21.72	33.00	PASS
Band66	5MHz	QPSK	132322	12RB#0	19.76	20.72	33.00	PASS
Band66	5MHz	QPSK	132322	12RB#6	19.75	20.71	33.00	PASS
Band66	5MHz	QPSK	132322	12RB#13	19.80	20.76	33.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	19.78	20.74	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	20.86	21.82	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	20.81	21.77	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	20.84	21.8	33.00	PASS
Band66	5MHz	QPSK	132647	12RB#0	19.72	20.68	33.00	PASS
Band66	5MHz	QPSK	132647	12RB#6	19.75	20.71	33.00	PASS
Band66	5MHz	QPSK	132647	12RB#13	19.86	20.82	33.00	PASS



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Band66	5MHz	QPSK	132647	25RB#0	19.69	20.65	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	19.77	20.73	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	19.77	20.73	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	19.80	20.76	33.00	PASS
Band66	5MHz	16QAM	131997	12RB#0	18.84	19.8	33.00	PASS
Band66	5MHz	16QAM	131997	12RB#6	18.77	19.73	33.00	PASS
Band66	5MHz	16QAM	131997	12RB#13	18.72	19.68	33.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	18.79	19.75	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	19.70	20.66	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	19.74	20.7	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	19.69	20.65	33.00	PASS
Band66	5MHz	16QAM	132322	12RB#0	18.77	19.73	33.00	PASS
Band66	5MHz	16QAM	132322	12RB#6	18.82	19.78	33.00	PASS
Band66	5MHz	16QAM	132322	12RB#13	18.76	19.72	33.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	18.86	19.82	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	19.70	20.66	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	19.77	20.73	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	19.73	20.69	33.00	PASS
Band66	5MHz	16QAM	132647	12RB#0	18.72	19.68	33.00	PASS
Band66	5MHz	16QAM	132647	12RB#6	18.86	19.82	33.00	PASS
Band66	5MHz	16QAM	132647	12RB#13	18.71	19.67	33.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	18.88	19.84	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	18.74	19.7	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	18.71	19.67	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	18.78	19.74	33.00	PASS
Band66	5MHz	64QAM	131997	12RB#0	17.78	18.74	33.00	PASS
Band66	5MHz	64QAM	131997	12RB#6	17.78	18.74	33.00	PASS
Band66	5MHz	64QAM	131997	12RB#13	17.74	18.7	33.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	17.76	18.72	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	18.62	19.58	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	18.75	19.71	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	18.61	19.57	33.00	PASS
Band66	5MHz	64QAM	132322	12RB#0	17.78	18.74	33.00	PASS
Band66	5MHz	64QAM	132322	12RB#6	17.82	18.78	33.00	PASS
Band66	5MHz	64QAM	132322	12RB#13	17.70	18.66	33.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	17.88	18.84	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	18.63	19.59	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	18.71	19.67	33.00	PASS



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Band66	5MHz	64QAM	132647	1RB#24	18.69	19.65	33.00	PASS
Band66	5MHz	64QAM	132647	12RB#0	17.73	18.69	33.00	PASS
Band66	5MHz	64QAM	132647	12RB#6	17.82	18.78	33.00	PASS
Band66	5MHz	64QAM	132647	12RB#13	17.64	18.6	33.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	17.88	18.84	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	20.73	21.69	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	20.77	21.73	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	20.77	21.73	33.00	PASS
Band66	10MHz	QPSK	132022	25RB#0	19.78	20.74	33.00	PASS
Band66	10MHz	QPSK	132022	25RB#12	19.85	20.81	33.00	PASS
Band66	10MHz	QPSK	132022	25RB#25	19.72	20.68	33.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	19.82	20.78	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	20.79	21.75	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	20.72	21.68	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	20.75	21.71	33.00	PASS
Band66	10MHz	QPSK	132322	25RB#0	19.81	20.77	33.00	PASS
Band66	10MHz	QPSK	132322	25RB#12	19.78	20.74	33.00	PASS
Band66	10MHz	QPSK	132322	25RB#25	19.77	20.73	33.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	19.80	20.76	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	20.80	21.76	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	20.79	21.75	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	20.77	21.73	33.00	PASS
Band66	10MHz	QPSK	132622	25RB#0	19.82	20.78	33.00	PASS
Band66	10MHz	QPSK	132622	25RB#12	19.86	20.82	33.00	PASS
Band66	10MHz	QPSK	132622	25RB#25	19.70	20.66	33.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	19.76	20.72	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	19.89	20.85	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	19.93	20.89	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	19.91	20.87	33.00	PASS
Band66	10MHz	16QAM	132022	25RB#0	18.89	19.85	33.00	PASS
Band66	10MHz	16QAM	132022	25RB#12	18.95	19.91	33.00	PASS
Band66	10MHz	16QAM	132022	25RB#25	18.94	19.90	33.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	18.82	19.78	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	19.83	20.79	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	19.94	20.90	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	19.87	20.83	33.00	PASS
Band66	10MHz	16QAM	132322	25RB#0	18.91	19.87	33.00	PASS
Band66	10MHz	16QAM	132322	25RB#12	18.85	19.81	33.00	PASS



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Band66	10MHz	16QAM	132322	25RB#25	18.92	19.88	33.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	18.83	19.79	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	19.75	20.71	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	19.95	20.91	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	19.94	20.90	33.00	PASS
Band66	10MHz	16QAM	132622	25RB#0	18.95	19.91	33.00	PASS
Band66	10MHz	16QAM	132622	25RB#12	18.93	19.89	33.00	PASS
Band66	10MHz	16QAM	132622	25RB#25	18.89	19.85	33.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	18.91	19.87	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	18.90	19.86	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	18.93	19.89	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	18.87	19.83	33.00	PASS
Band66	10MHz	64QAM	132022	25RB#0	17.91	18.87	33.00	PASS
Band66	10MHz	64QAM	132022	25RB#12	17.97	18.93	33.00	PASS
Band66	10MHz	64QAM	132022	25RB#25	17.92	18.88	33.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	17.82	18.78	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	18.76	19.72	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	18.90	19.86	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	18.89	19.85	33.00	PASS
Band66	10MHz	64QAM	132322	25RB#0	17.92	18.88	33.00	PASS
Band66	10MHz	64QAM	132322	25RB#12	17.81	18.77	33.00	PASS
Band66	10MHz	64QAM	132322	25RB#25	17.90	18.86	33.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	17.80	18.76	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	18.72	19.68	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	18.91	19.87	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	18.91	19.87	33.00	PASS
Band66	10MHz	64QAM	132622	25RB#0	17.94	18.90	33.00	PASS
Band66	10MHz	64QAM	132622	25RB#12	17.92	18.88	33.00	PASS
Band66	10MHz	64QAM	132622	25RB#25	17.87	18.83	33.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	17.86	18.82	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	20.84	21.80	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	20.76	21.72	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	20.83	21.79	33.00	PASS
Band66	15MHz	QPSK	132047	38RB#0	19.82	20.78	33.00	PASS
Band66	15MHz	QPSK	132047	38RB#18	19.92	20.88	33.00	PASS
Band66	15MHz	QPSK	132047	38RB#37	19.91	20.87	33.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	19.83	20.79	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	20.77	21.73	33.00	PASS



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Band66	15MHz	QPSK	132322	1RB#38	20.73	21.69	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	20.83	21.79	33.00	PASS
Band66	15MHz	QPSK	132322	38RB#0	19.89	20.85	33.00	PASS
Band66	15MHz	QPSK	132322	38RB#18	19.93	20.89	33.00	PASS
Band66	15MHz	QPSK	132322	38RB#37	19.96	20.92	33.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	19.86	20.82	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	20.73	21.69	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	20.73	21.69	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	20.92	21.88	33.00	PASS
Band66	15MHz	QPSK	132597	38RB#0	19.88	20.84	33.00	PASS
Band66	15MHz	QPSK	132597	38RB#18	19.89	20.85	33.00	PASS
Band66	15MHz	QPSK	132597	38RB#37	19.92	20.88	33.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	19.89	20.85	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	19.82	20.78	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	19.93	20.89	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	19.89	20.85	33.00	PASS
Band66	15MHz	16QAM	132047	38RB#0	18.87	19.83	33.00	PASS
Band66	15MHz	16QAM	132047	38RB#18	18.92	19.88	33.00	PASS
Band66	15MHz	16QAM	132047	38RB#37	18.84	19.80	33.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	18.91	19.87	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	19.94	20.90	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	19.95	20.91	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	19.91	20.87	33.00	PASS
Band66	15MHz	16QAM	132322	38RB#0	18.89	19.85	33.00	PASS
Band66	15MHz	16QAM	132322	38RB#18	18.83	19.79	33.00	PASS
Band66	15MHz	16QAM	132322	38RB#37	18.85	19.81	33.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	18.84	19.80	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	19.96	20.92	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	19.93	20.89	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	19.92	20.88	33.00	PASS
Band66	15MHz	16QAM	132597	38RB#0	18.86	19.82	33.00	PASS
Band66	15MHz	16QAM	132597	38RB#18	18.91	19.87	33.00	PASS
Band66	15MHz	16QAM	132597	38RB#37	18.88	19.84	33.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	18.76	19.72	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	18.83	19.79	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	18.88	19.84	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	18.91	19.87	33.00	PASS
Band66	15MHz	64QAM	132047	38RB#0	17.81	18.77	33.00	PASS



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Band66	15MHz	64QAM	132047	38RB#18	17.86	18.82	33.00	PASS
Band66	15MHz	64QAM	132047	38RB#37	17.86	18.82	33.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	17.91	18.87	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	18.89	19.85	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	18.87	19.83	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	18.91	19.87	33.00	PASS
Band66	15MHz	64QAM	132322	38RB#0	17.91	18.87	33.00	PASS
Band66	15MHz	64QAM	132322	38RB#18	17.81	18.77	33.00	PASS
Band66	15MHz	64QAM	132322	38RB#37	17.79	18.75	33.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	17.80	18.76	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	18.97	19.93	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	18.87	19.83	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	18.84	19.80	33.00	PASS
Band66	15MHz	64QAM	132597	38RB#0	17.85	18.81	33.00	PASS
Band66	15MHz	64QAM	132597	38RB#18	17.93	18.89	33.00	PASS
Band66	15MHz	64QAM	132597	38RB#37	17.89	18.85	33.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	17.76	18.72	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	20.92	21.88	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	20.86	21.82	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	20.84	21.80	33.00	PASS
Band66	20MHz	QPSK	132072	50RB#0	19.84	20.80	33.00	PASS
Band66	20MHz	QPSK	132072	50RB#25	19.91	20.87	33.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	19.88	20.84	33.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	19.78	20.74	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	20.92	21.88	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	20.81	21.77	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	20.88	21.84	33.00	PASS
Band66	20MHz	QPSK	132322	50RB#0	19.95	20.91	33.00	PASS
Band66	20MHz	QPSK	132322	50RB#25	19.82	20.78	33.00	PASS
Band66	20MHz	QPSK	132322	50RB#50	19.94	20.90	33.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	19.86	20.82	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	20.88	21.84	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	20.75	21.71	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	20.87	21.83	33.00	PASS
Band66	20MHz	QPSK	132572	50RB#0	19.88	20.84	33.00	PASS
Band66	20MHz	QPSK	132572	50RB#25	19.92	20.88	33.00	PASS
Band66	20MHz	QPSK	132572	50RB#50	19.94	20.90	33.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	19.79	20.75	33.00	PASS



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Band66	20MHz	16QAM	132072	1RB#0	19.95	20.91	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	19.81	20.77	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	19.96	20.92	33.00	PASS
Band66	20MHz	16QAM	132072	50RB#0	18.94	19.90	33.00	PASS
Band66	20MHz	16QAM	132072	50RB#25	18.93	19.89	33.00	PASS
Band66	20MHz	16QAM	132072	50RB#50	18.83	19.79	33.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.80	19.76	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	19.93	20.89	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	19.91	20.87	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	19.89	20.85	33.00	PASS
Band66	20MHz	16QAM	132322	50RB#0	18.92	19.88	33.00	PASS
Band66	20MHz	16QAM	132322	50RB#25	18.83	19.79	33.00	PASS
Band66	20MHz	16QAM	132322	50RB#50	18.86	19.82	33.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	18.83	19.79	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	19.93	20.89	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	19.90	20.86	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	19.83	20.79	33.00	PASS
Band66	20MHz	16QAM	132572	50RB#0	18.95	19.91	33.00	PASS
Band66	20MHz	16QAM	132572	50RB#25	18.73	19.69	33.00	PASS
Band66	20MHz	16QAM	132572	50RB#50	18.93	19.89	33.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.92	19.88	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	18.97	19.93	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	18.74	19.70	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	18.88	19.84	33.00	PASS
Band66	20MHz	64QAM	132072	50RB#0	17.96	18.92	33.00	PASS
Band66	20MHz	64QAM	132072	50RB#25	17.91	18.87	33.00	PASS
Band66	20MHz	64QAM	132072	50RB#50	17.81	18.77	33.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.72	18.68	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	18.85	19.81	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	18.93	19.89	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	18.90	19.86	33.00	PASS
Band66	20MHz	64QAM	132322	50RB#0	17.87	18.83	33.00	PASS
Band66	20MHz	64QAM	132322	50RB#25	17.82	18.78	33.00	PASS
Band66	20MHz	64QAM	132322	50RB#50	17.80	18.76	33.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.83	18.79	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	18.88	19.84	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	18.82	19.78	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	18.78	19.74	33.00	PASS



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Band66	20MHz	64QAM	132572	50RB#0	17.88	18.84	33.00	PASS
Band66	20MHz	64QAM	132572	50RB#25	17.66	18.62	33.00	PASS
Band66	20MHz	64QAM	132572	50RB#50	17.91	18.87	33.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.90	18.86	33.00	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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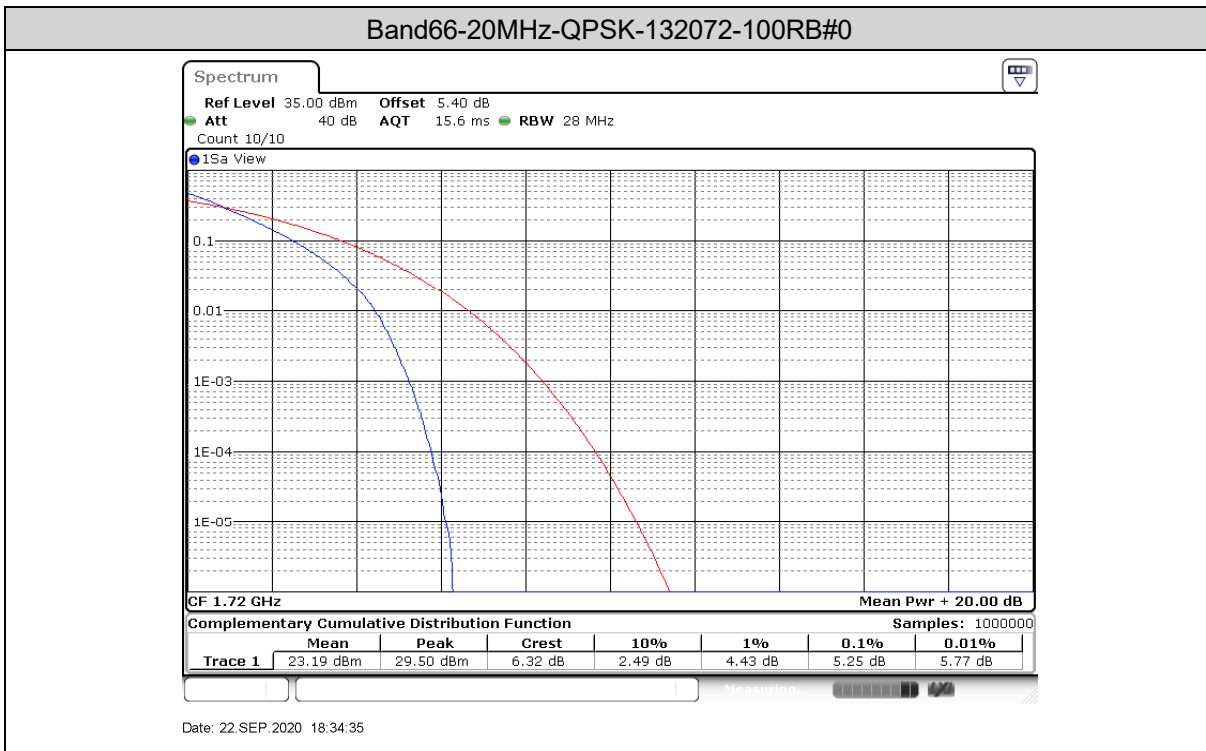
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2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

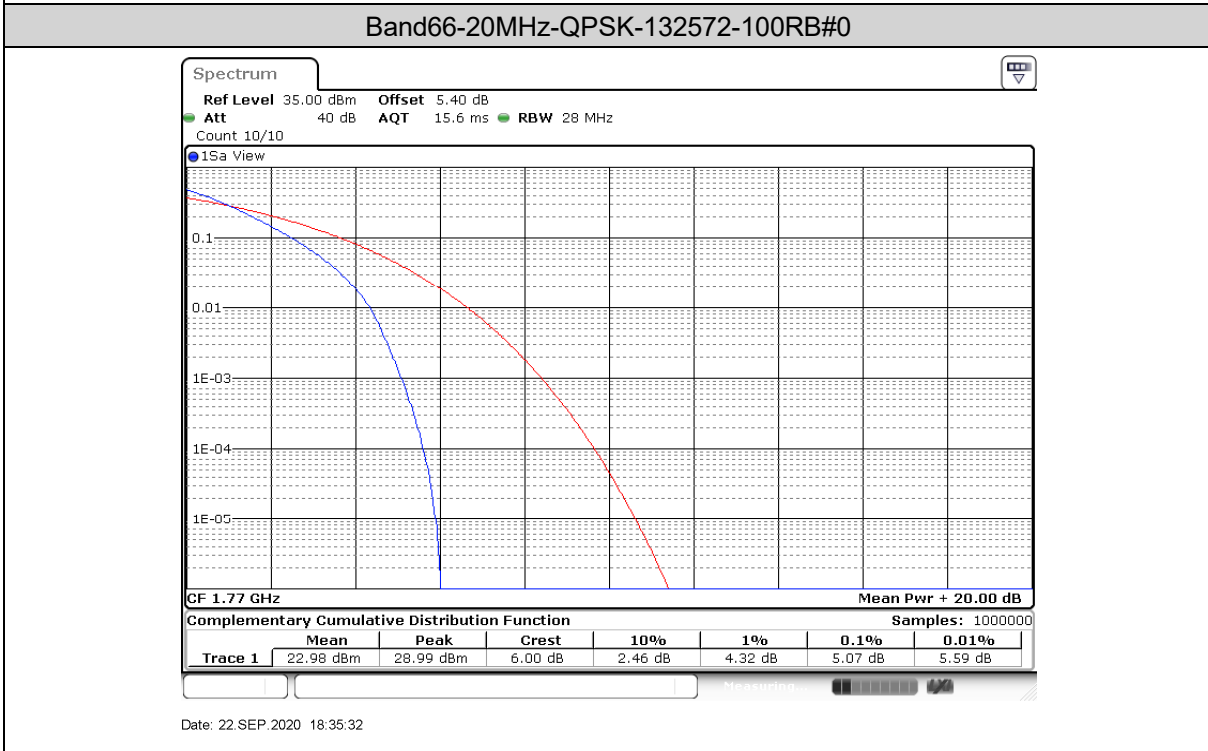
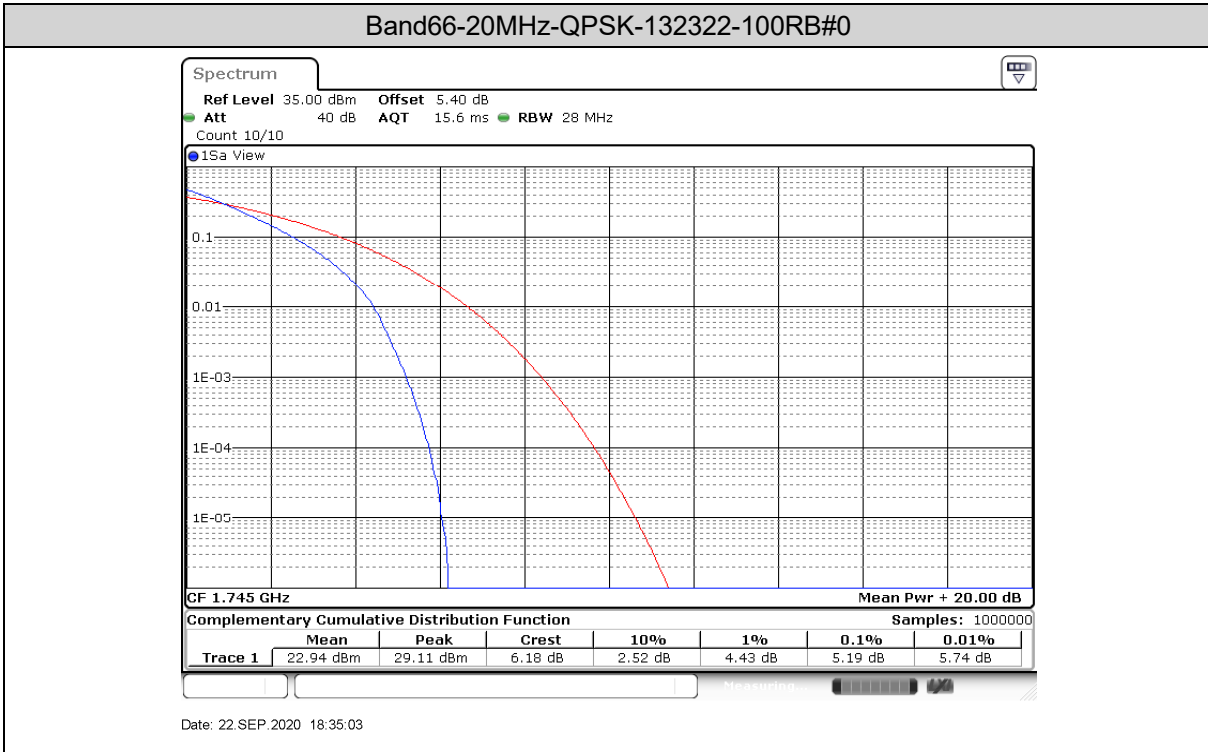
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.25	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.19	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.07	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.12	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.12	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.06	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.67	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.64	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.61	13	PASS

2.2 Test Plots



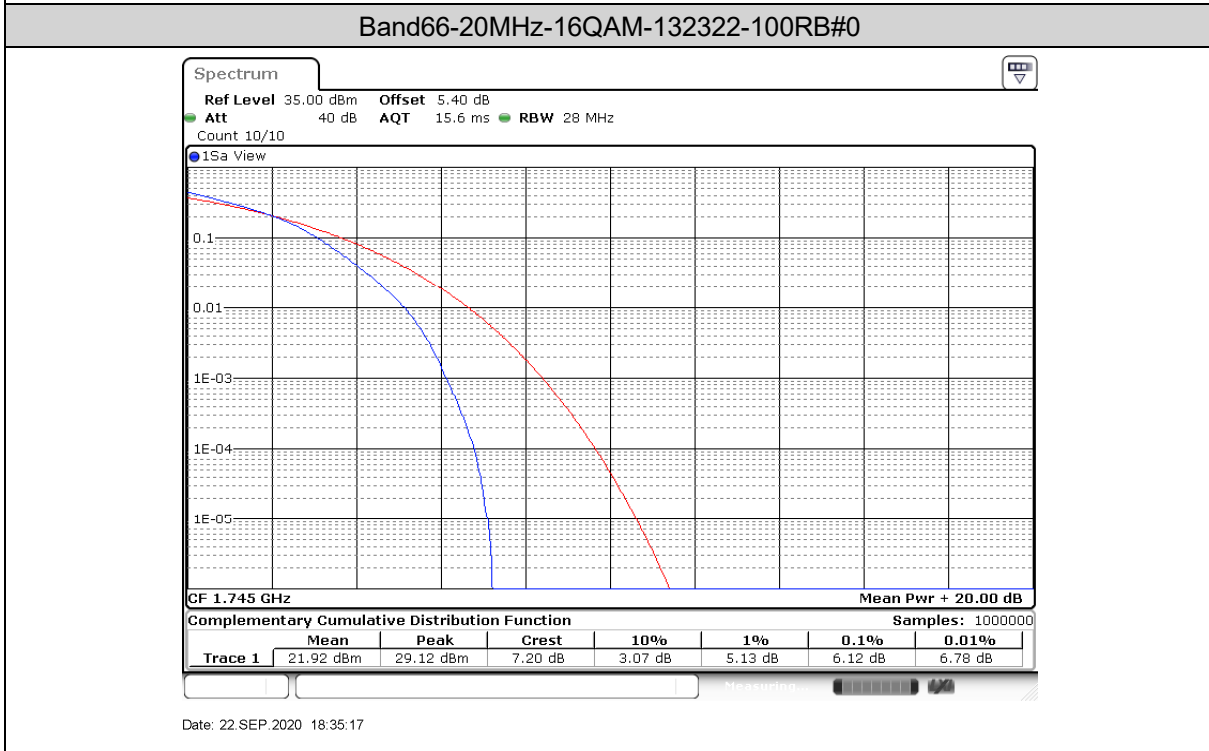
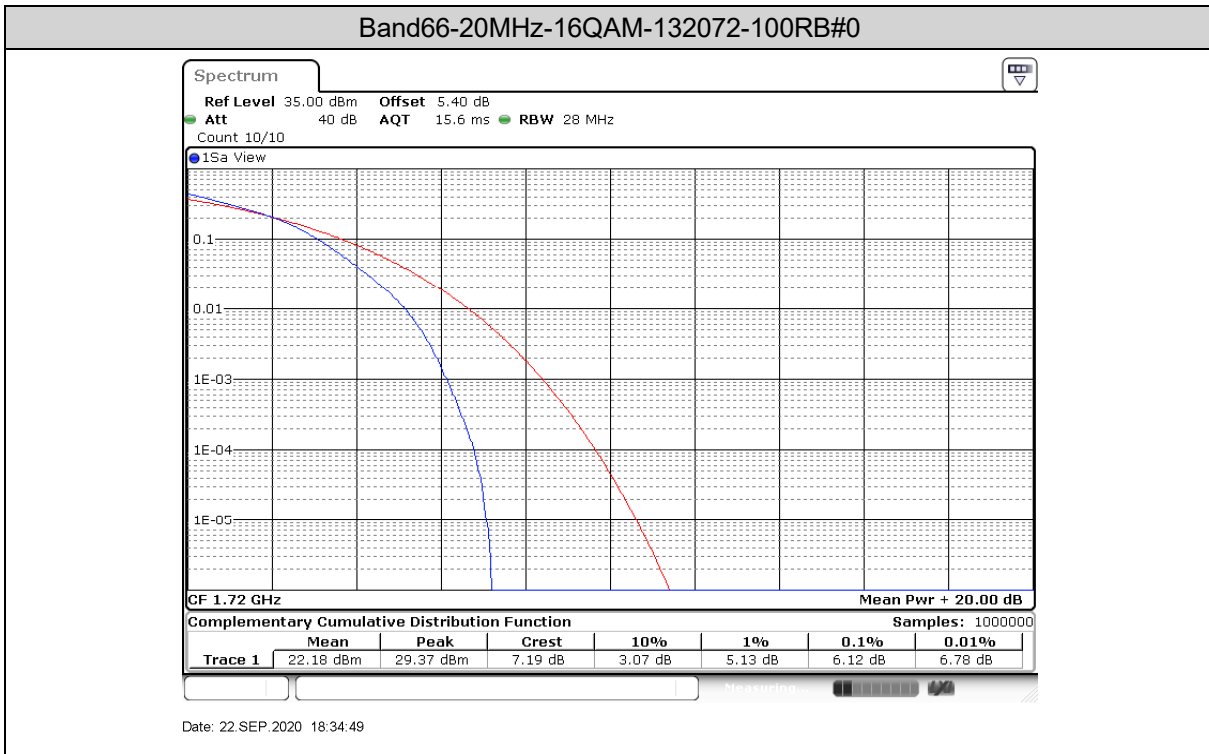
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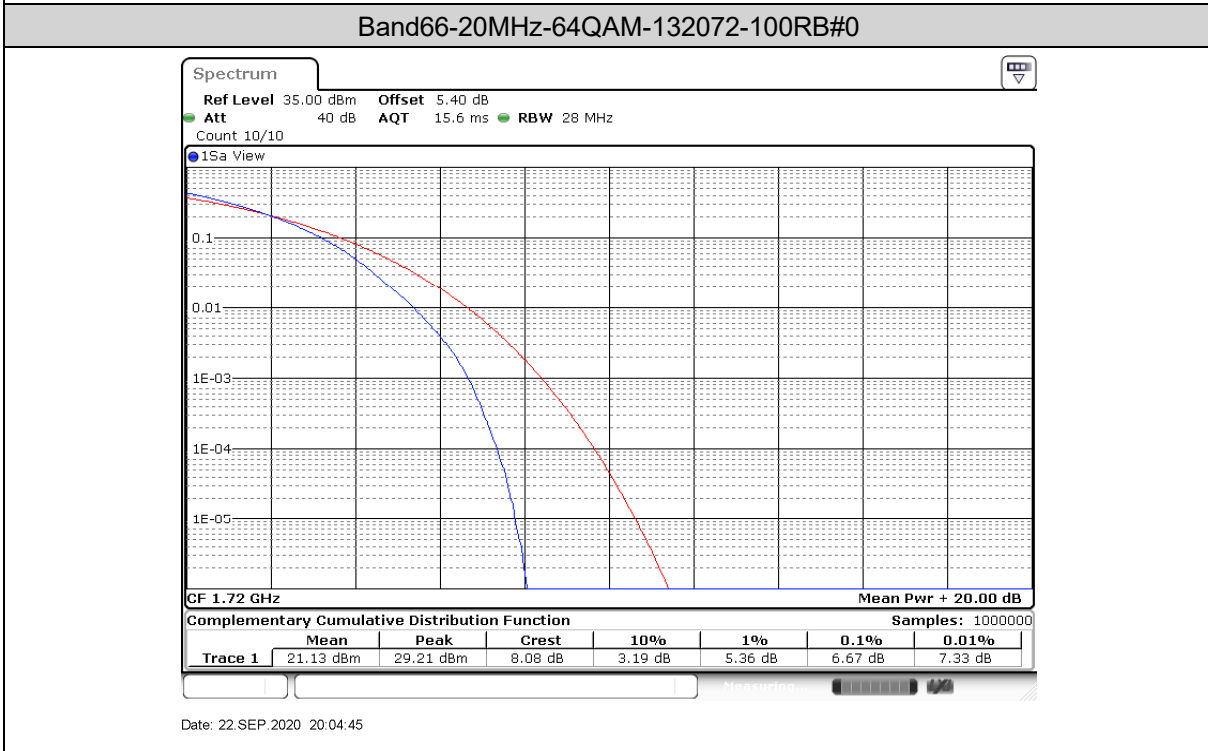
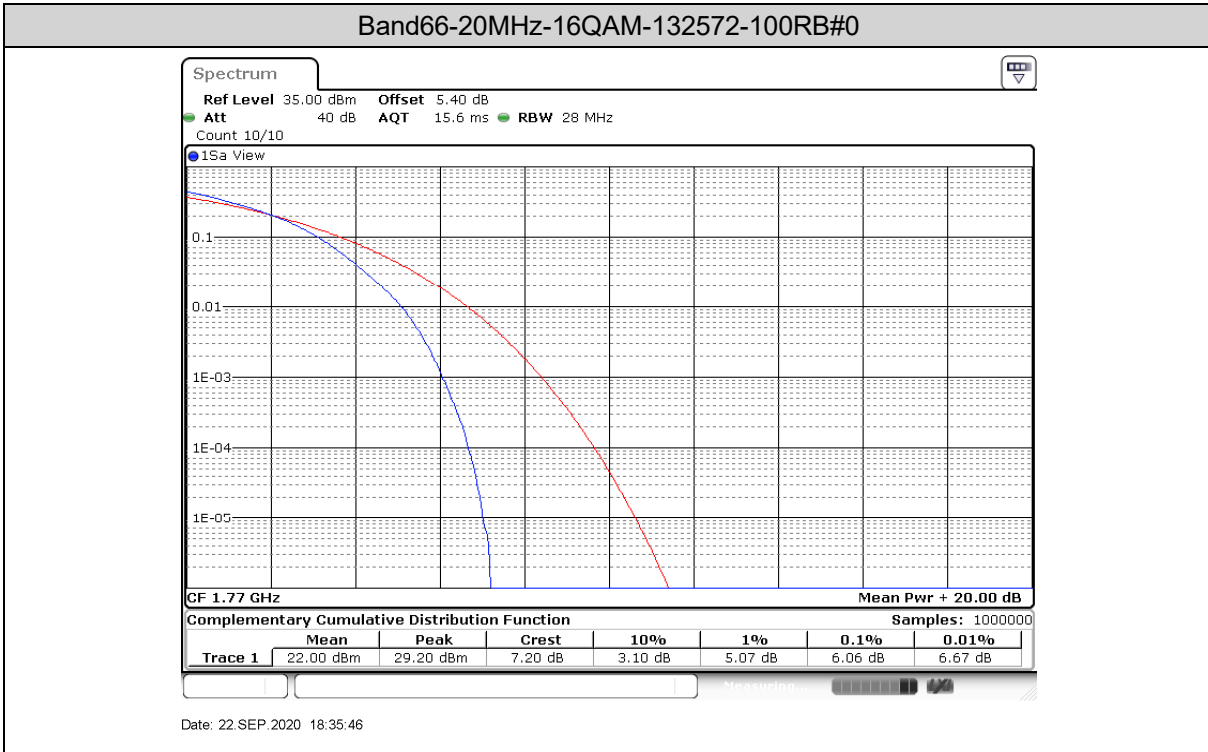


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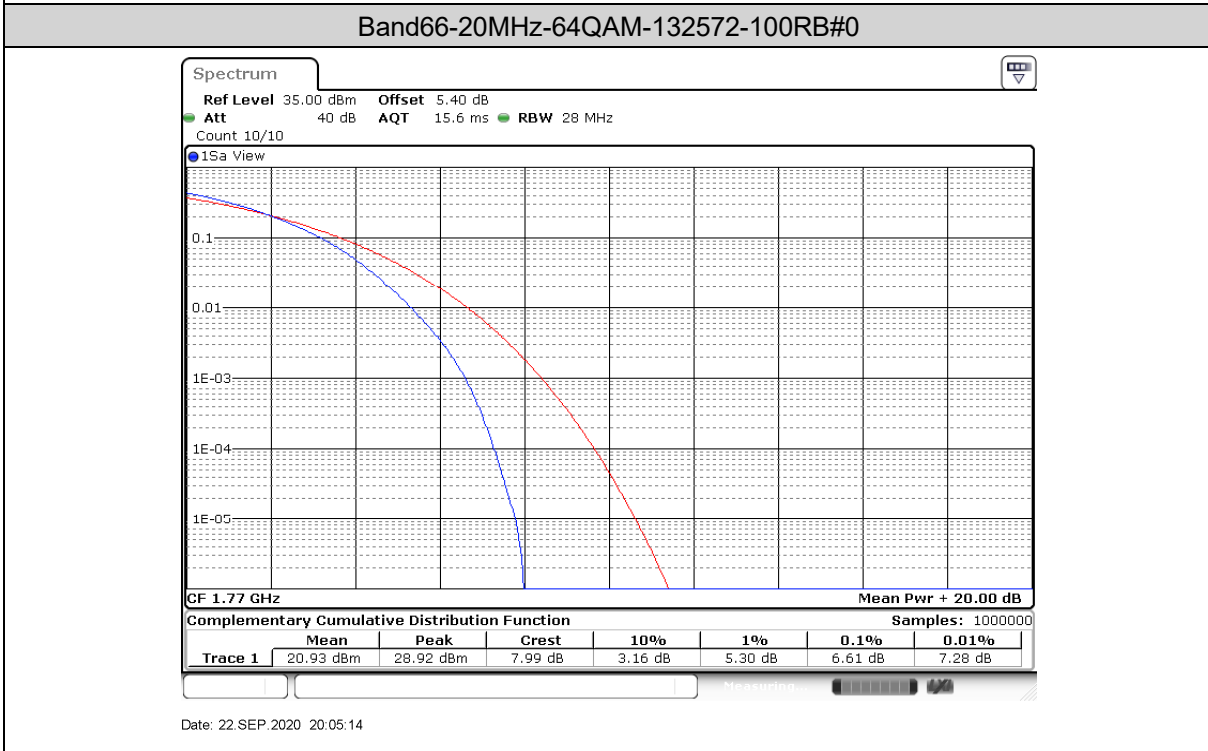
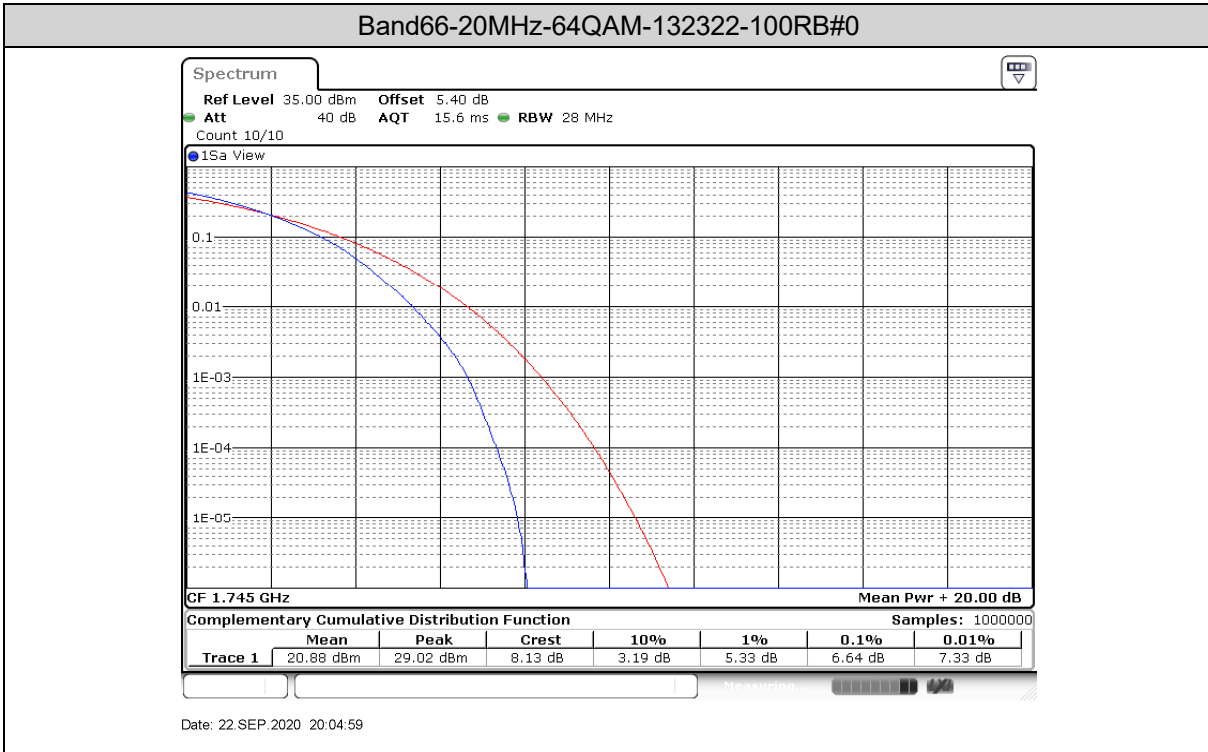


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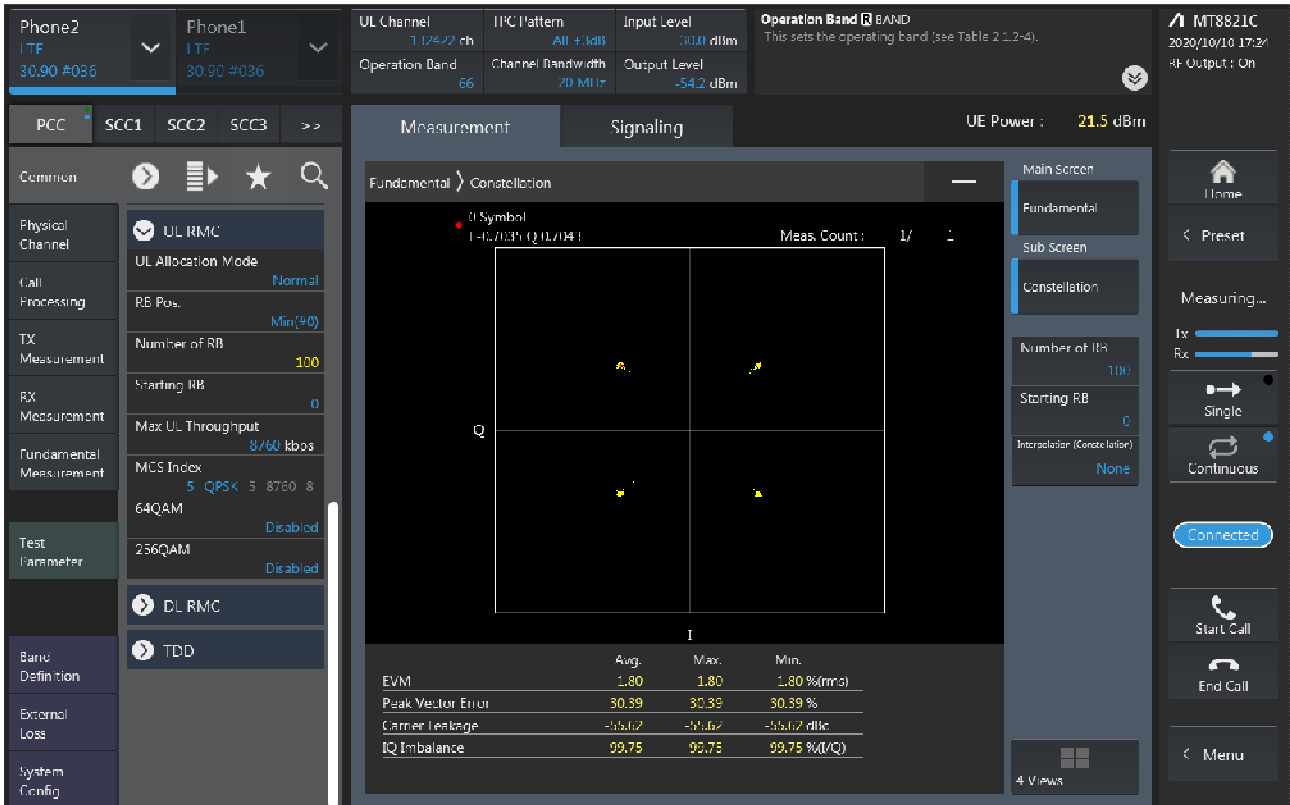
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3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 20MHz

3.1.1 Test Channel = MCH

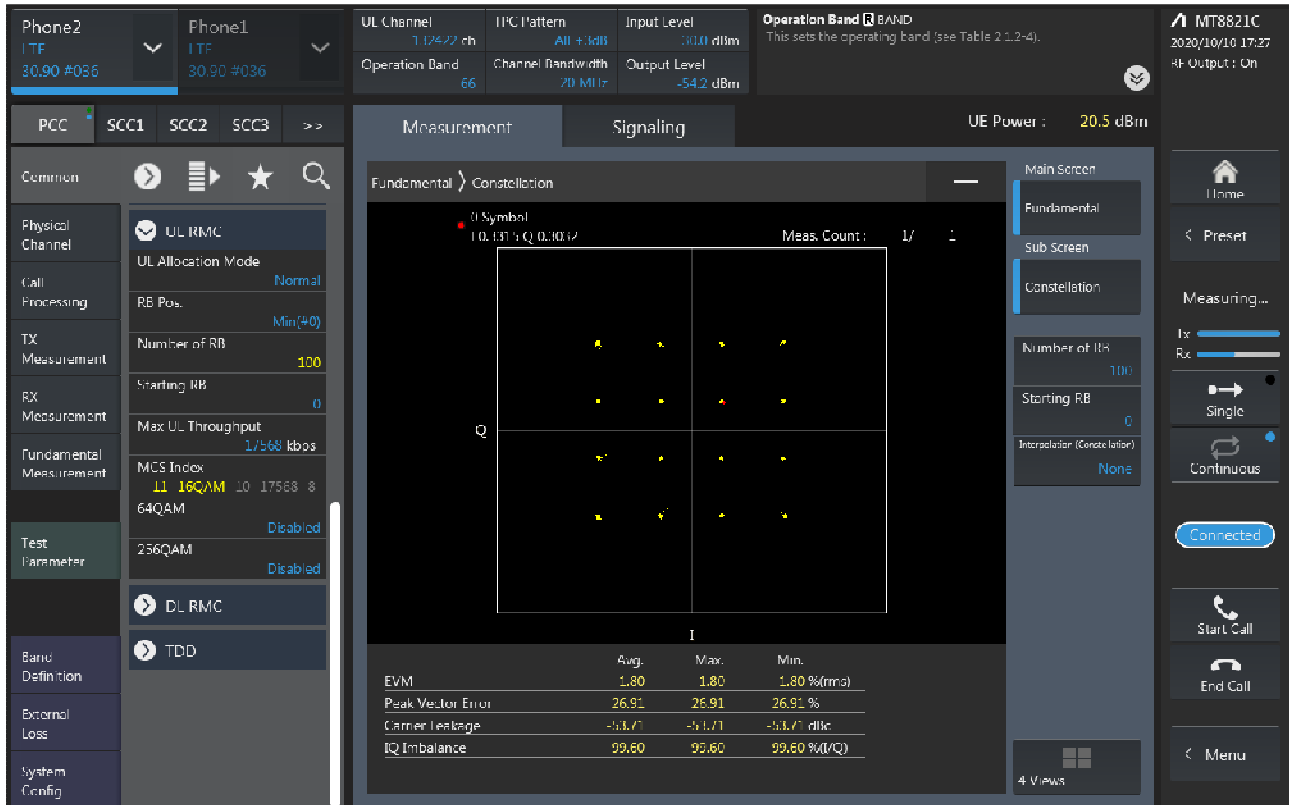


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3.2 Test Mode = LTE /TM2 20MHz

3.2.1 Test Channel = MCH

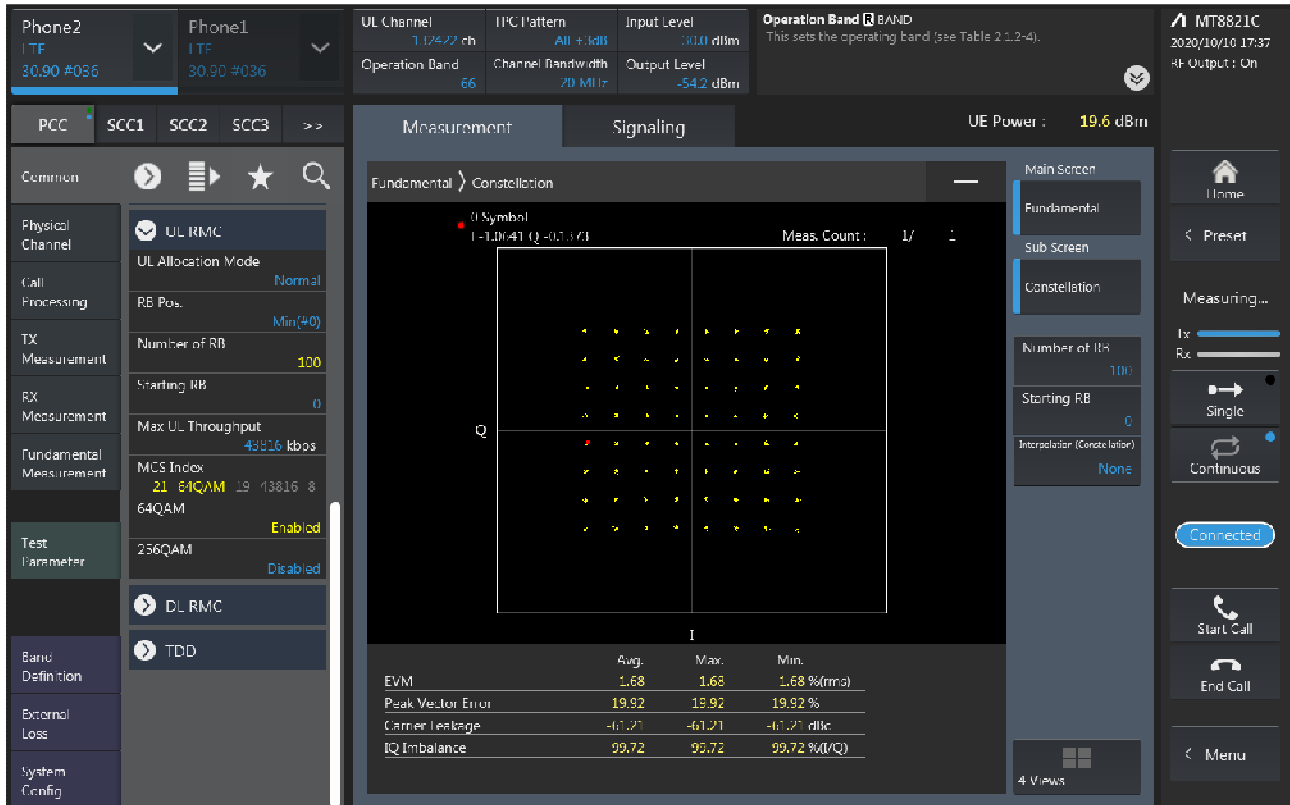


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3.3 Test Mode = LTE /TM3 20MHz

3.3.1 Test Channel = MCH



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4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.088	1.233	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.088	1.233	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.088	1.236	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.085	1.239	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.085	1.236	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.085	1.233	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.094	1.242	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.094	1.245	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.091	1.236	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.697	3.006	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.691	3.006	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.697	3.012	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.685	2.976	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.982	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.691	2.982	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.685	2.976	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.685	2.982	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.685	2.994	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	4.910	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.890	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	4.910	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	4.900	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.486	4.920	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.476	4.900	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.476	4.890	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.466	4.900	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	4.890	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.931	9.620	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.911	9.660	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.911	9.660	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.931	9.680	PASS



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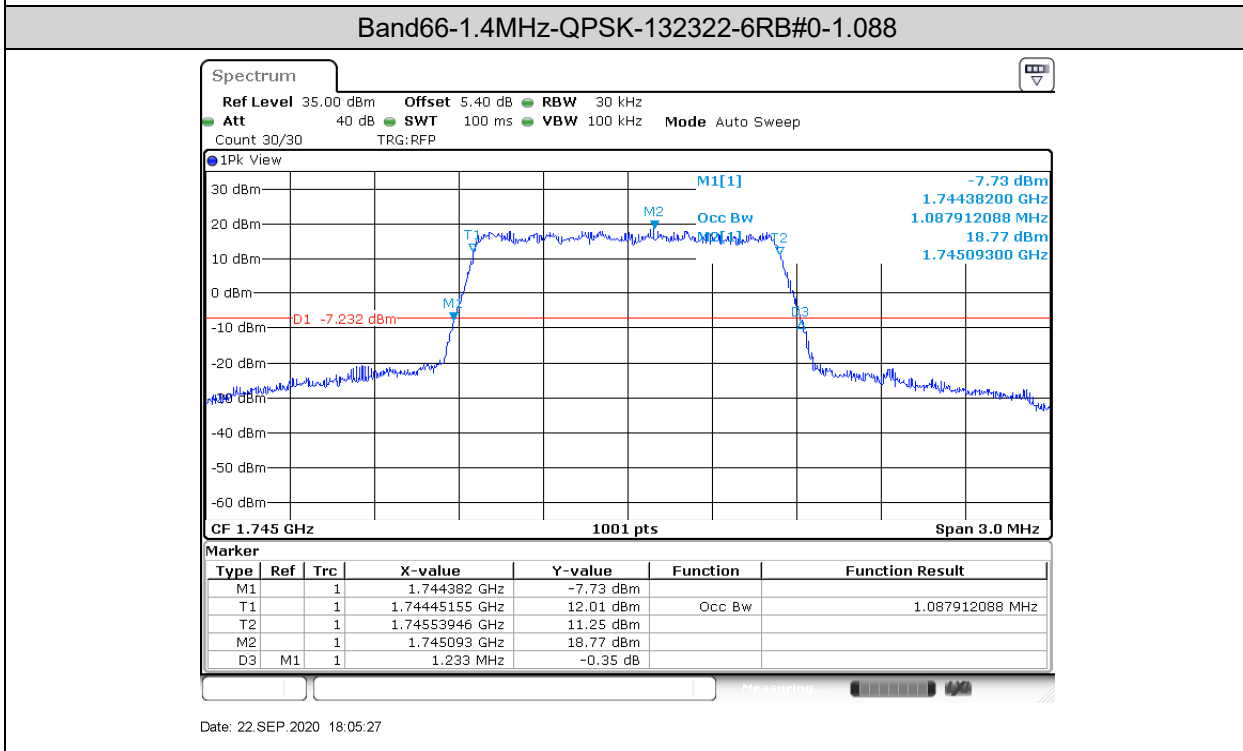
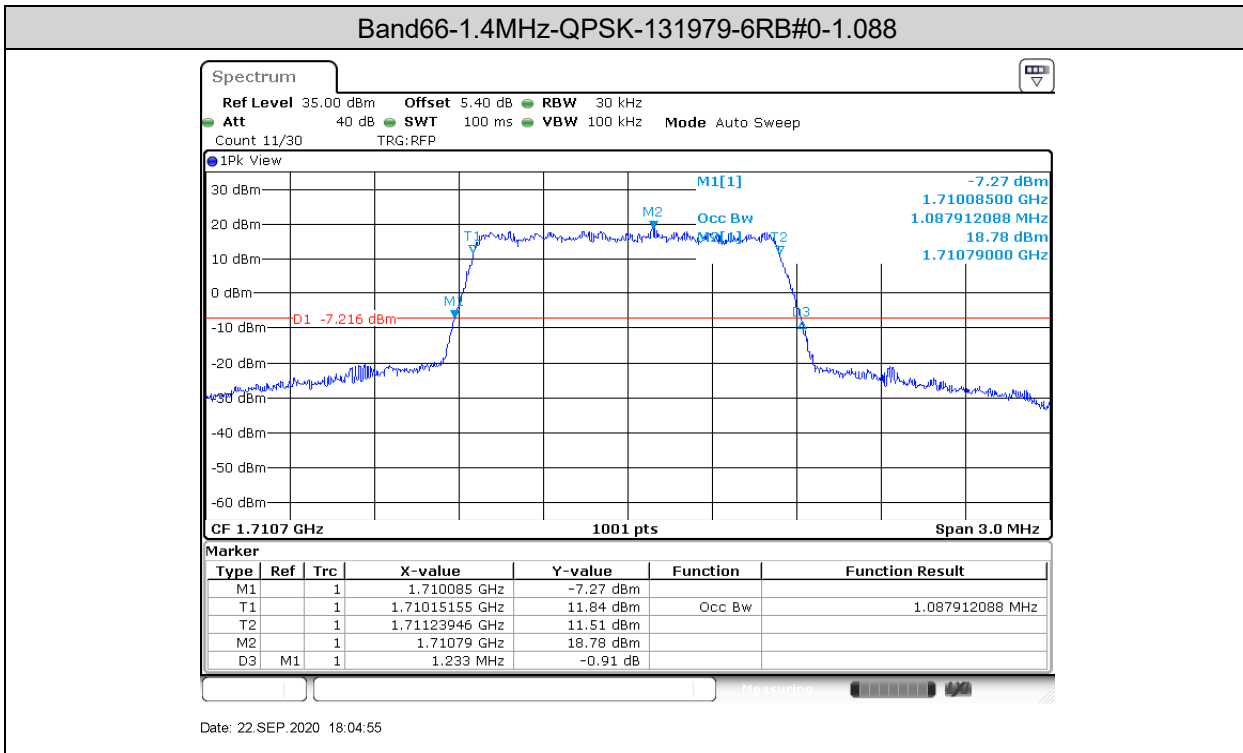


Band66	10MHz	16QAM	132322	50RB#0	8.911	9.680	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.931	9.660	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.911	9.640	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.911	9.700	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.911	9.620	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.487	14.610	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.457	14.640	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.427	14.700	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.427	14.700	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.427	14.610	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.427	14.760	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.457	14.640	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.427	14.700	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.397	14.730	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.902	19.320	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.862	19.400	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.862	19.360	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.902	19.440	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.862	19.360	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.862	19.400	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.902	19.280	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.822	19.400	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.822	19.400	PASS



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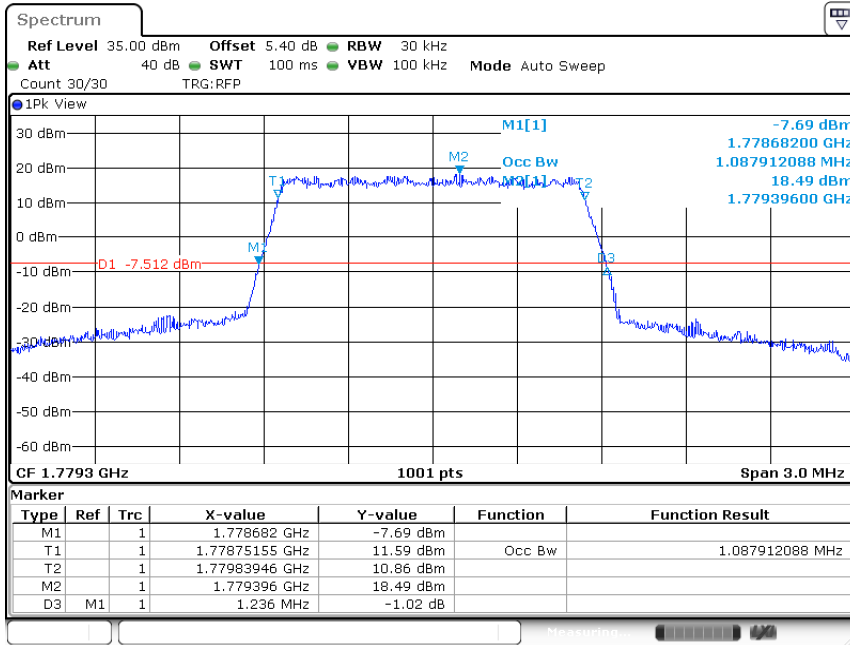
4.2 Test Plots



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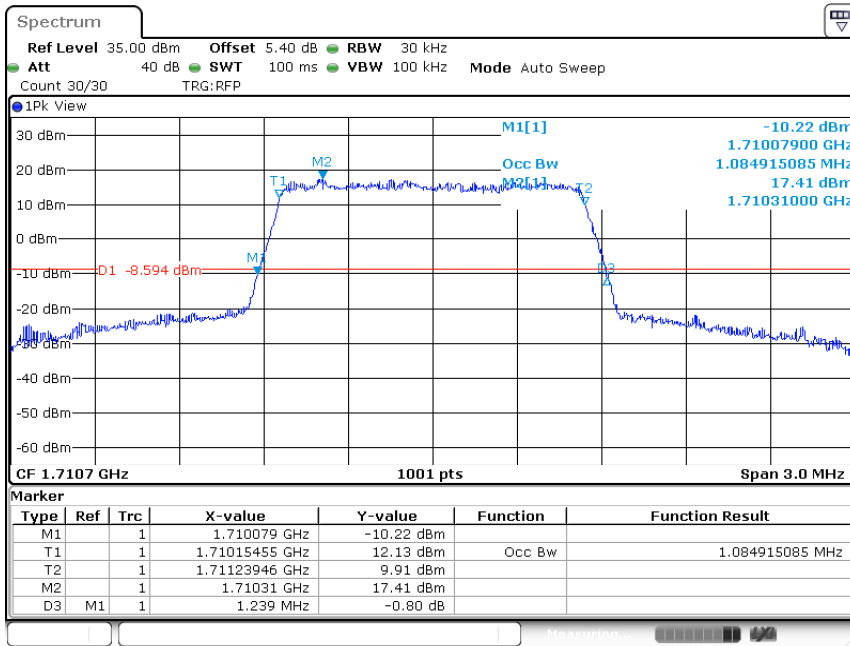
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Band66-1.4MHz-QPSK-132665-6RB#0-1.088



Date: 22.SEP.2020 18:06:00

Band66-1.4MHz-16QAM-131979-6RB#0-1.085

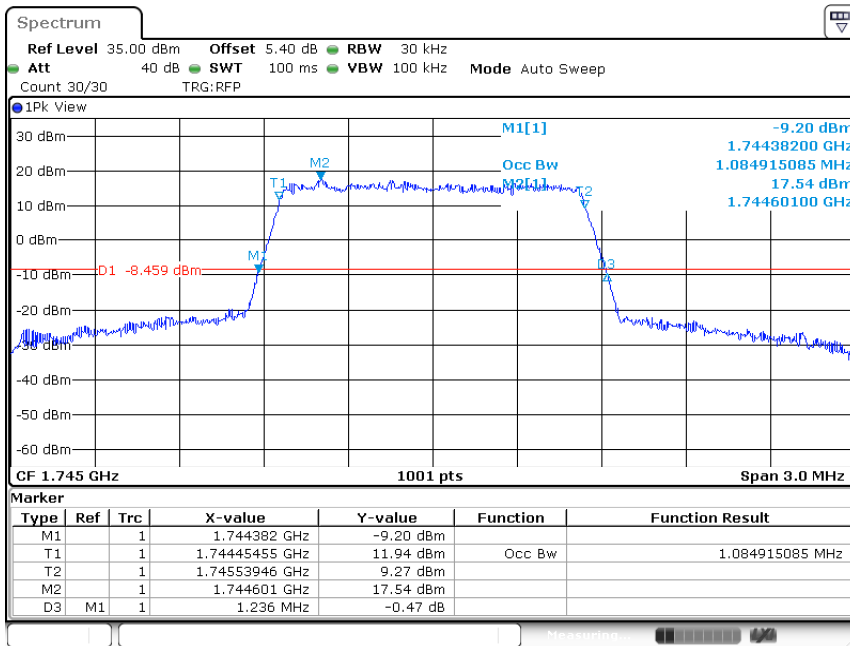


Date: 22.SEP.2020 18:05:11



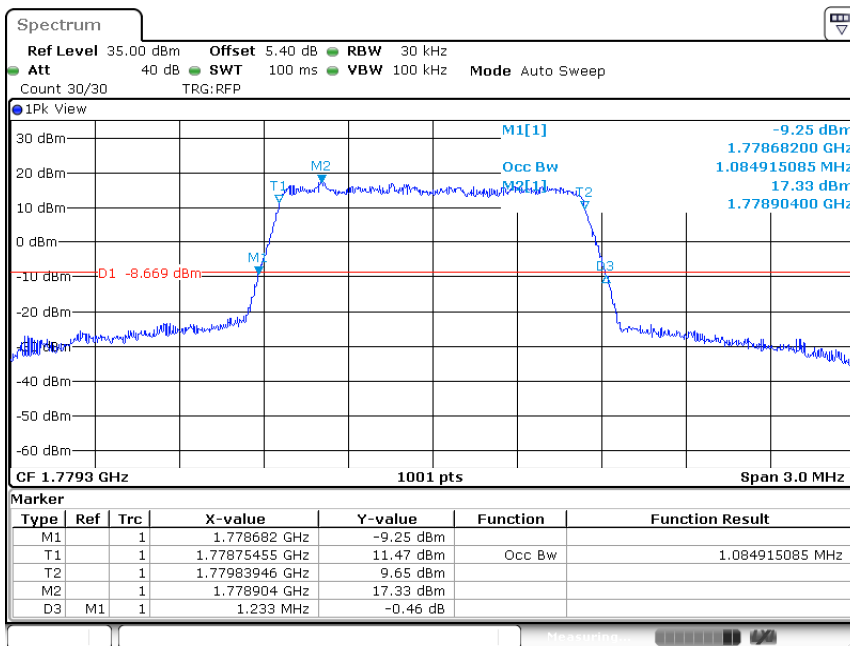
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Band66-1.4MHz-16QAM-132322-6RB#0-1.085



Date: 22.SEP.2020 18:05:44

Band66-1.4MHz-16QAM-132665-6RB#0-1.085

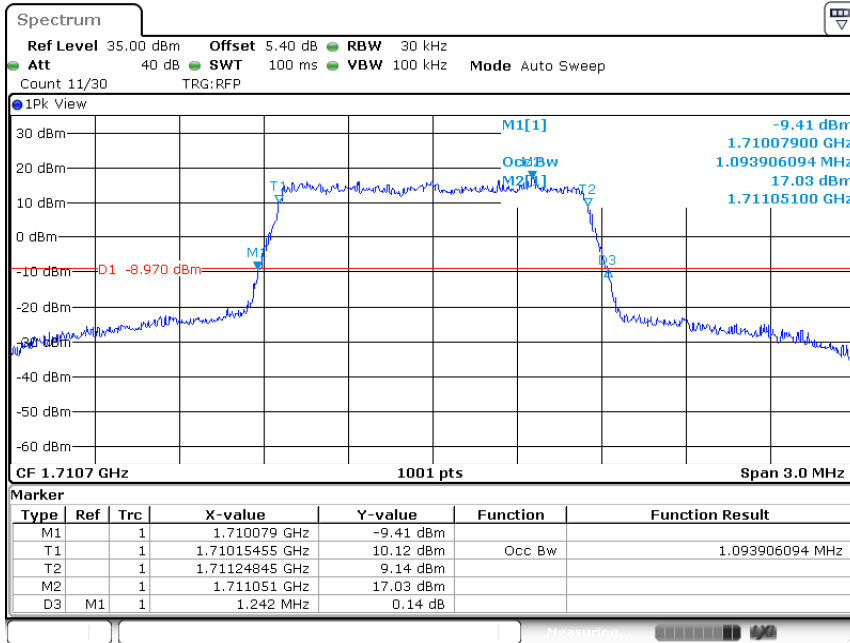


Date: 22.SEP.2020 18:06:16



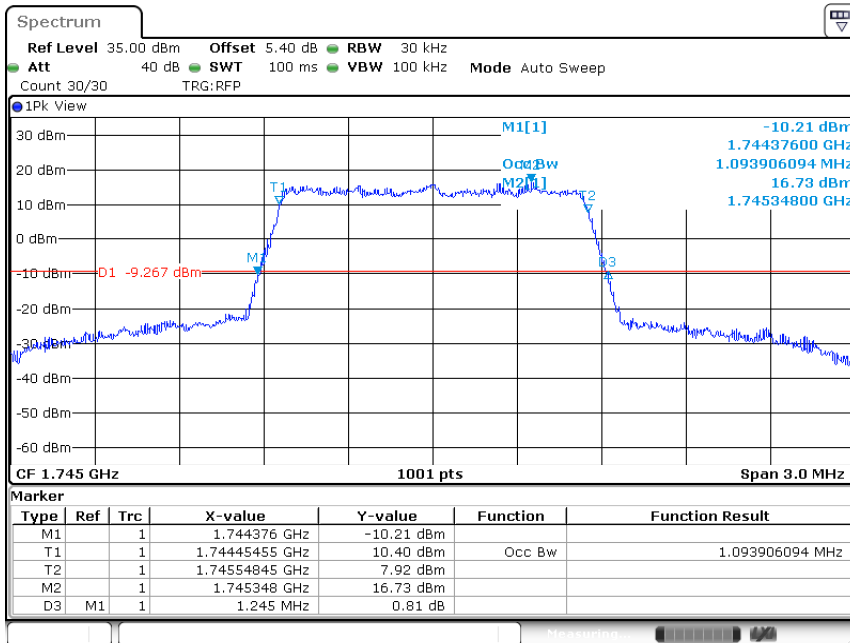
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Band66-1.4MHz-64QAM-131979-6RB#0-1.094



Date: 22.SEP.2020 19:48:46

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

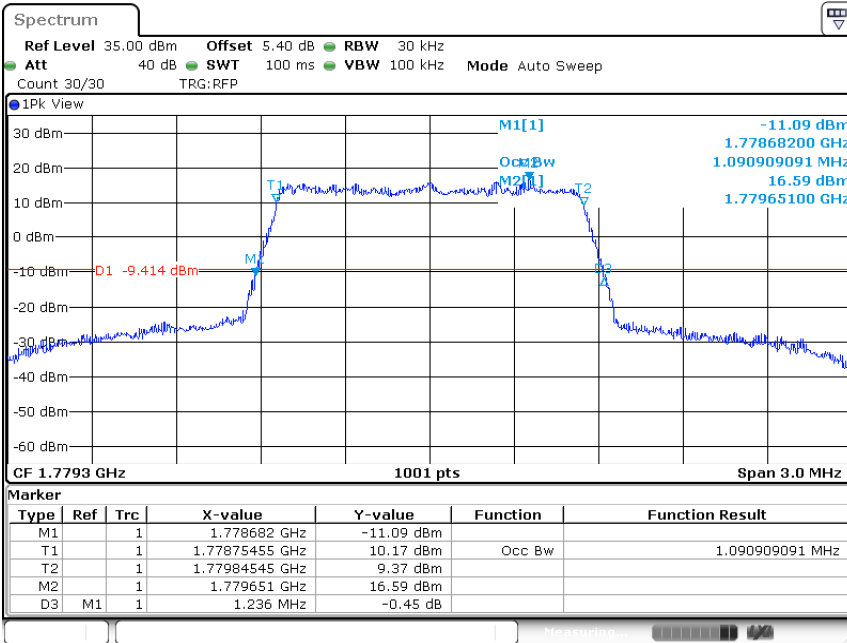


Date: 22.SEP.2020 19:49:02



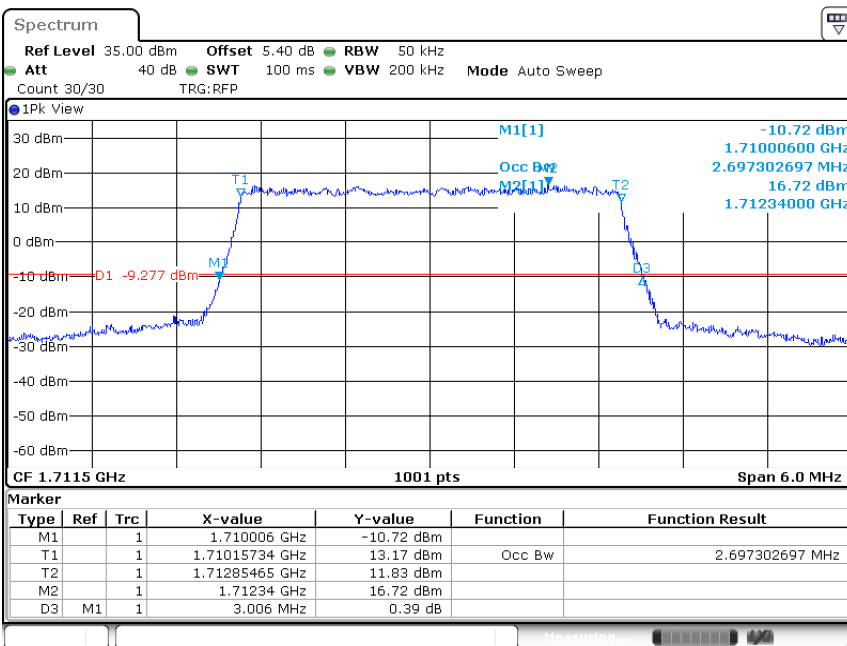
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Band66-1.4MHz-64QAM-132665-6RB#0-1.091



Date: 22.SEP.2020 19:49:18

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

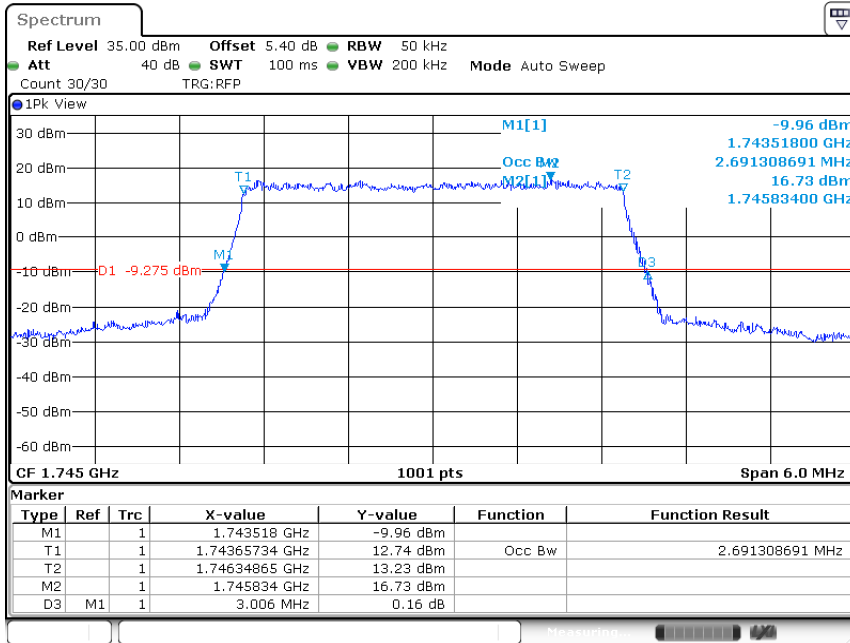


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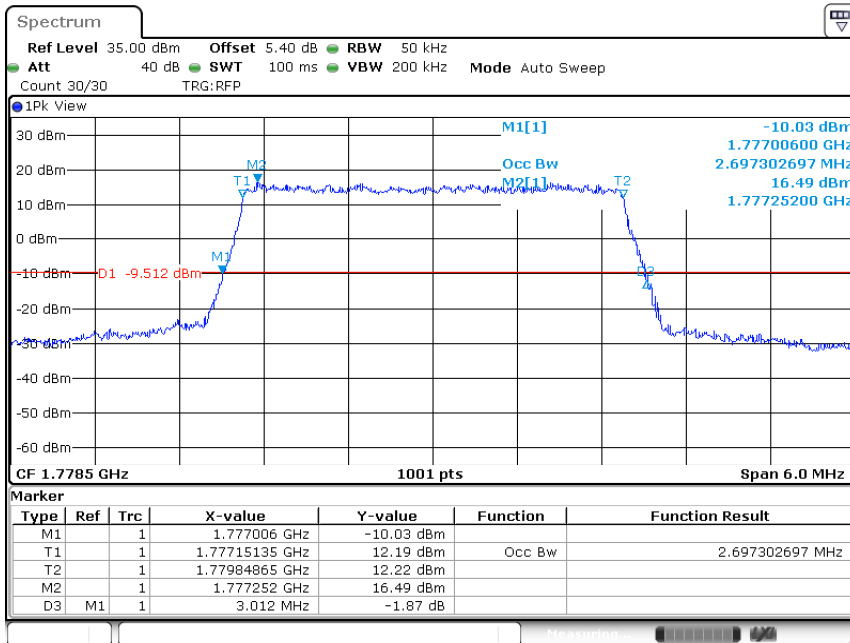
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Band66-3MHz-QPSK-132322-15RB#0-2.691



Date: 22.SEP.2020 18:07:09

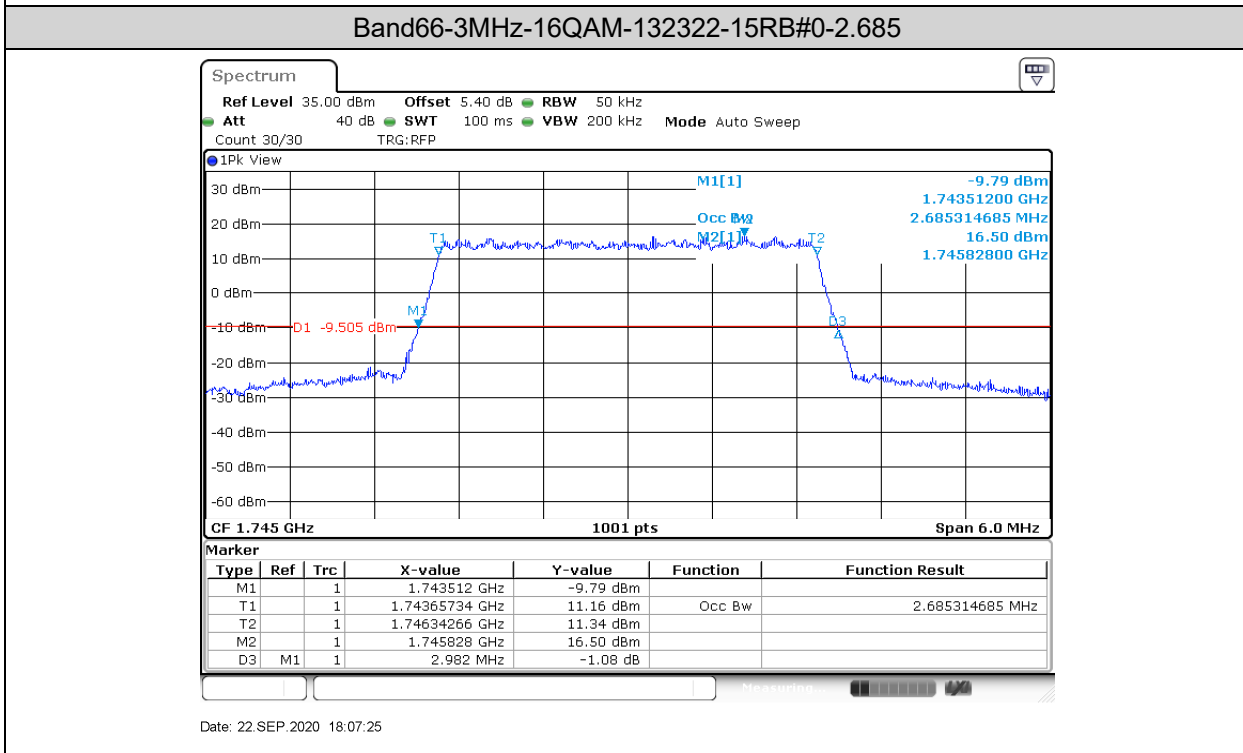
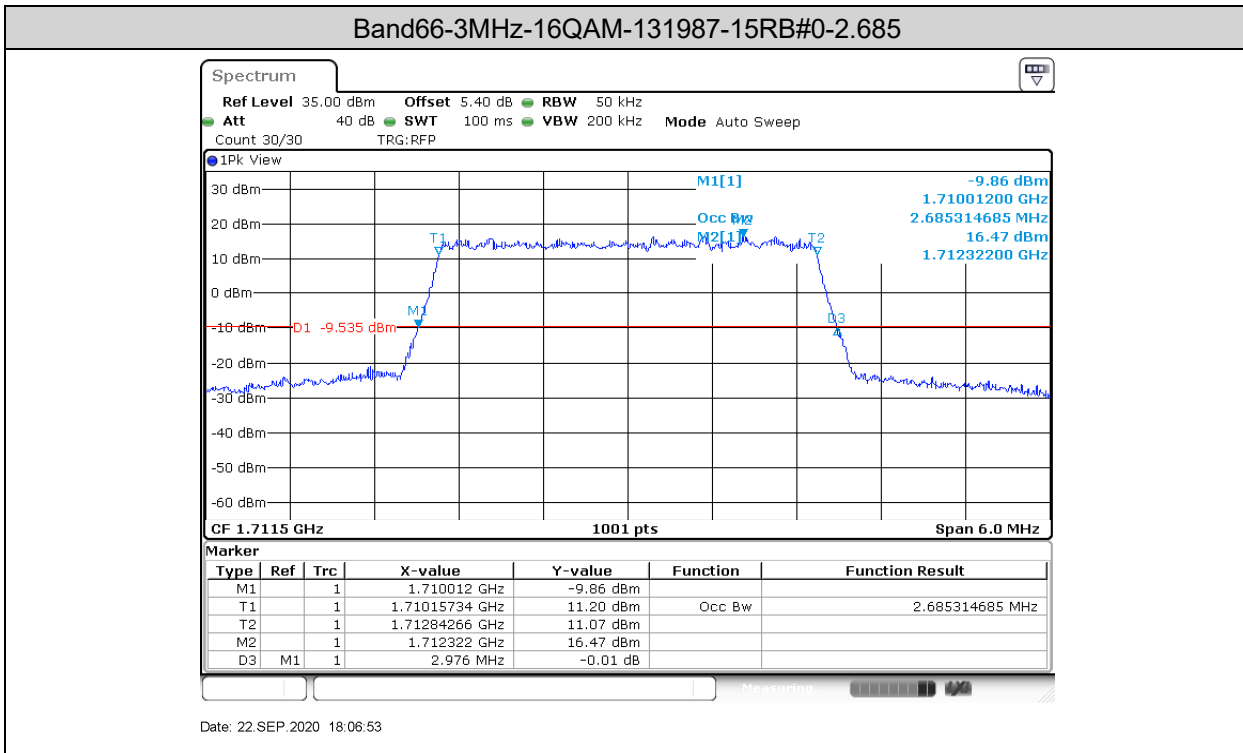
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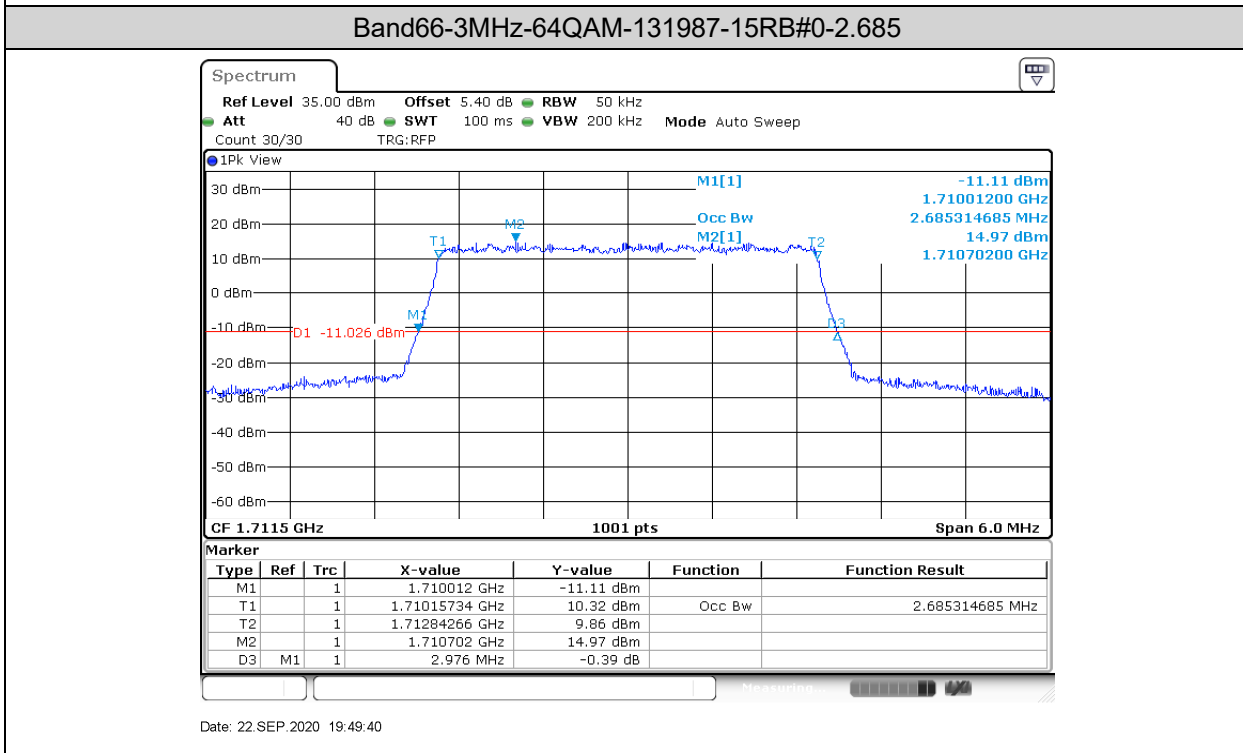
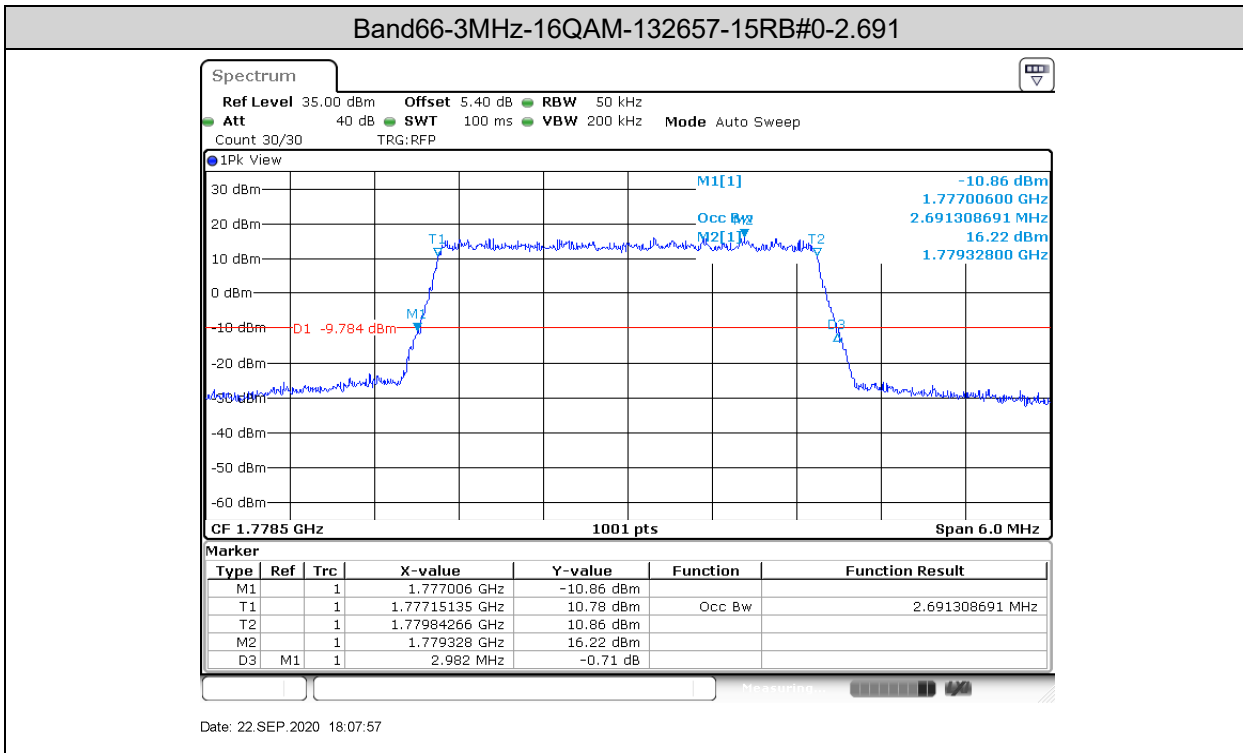
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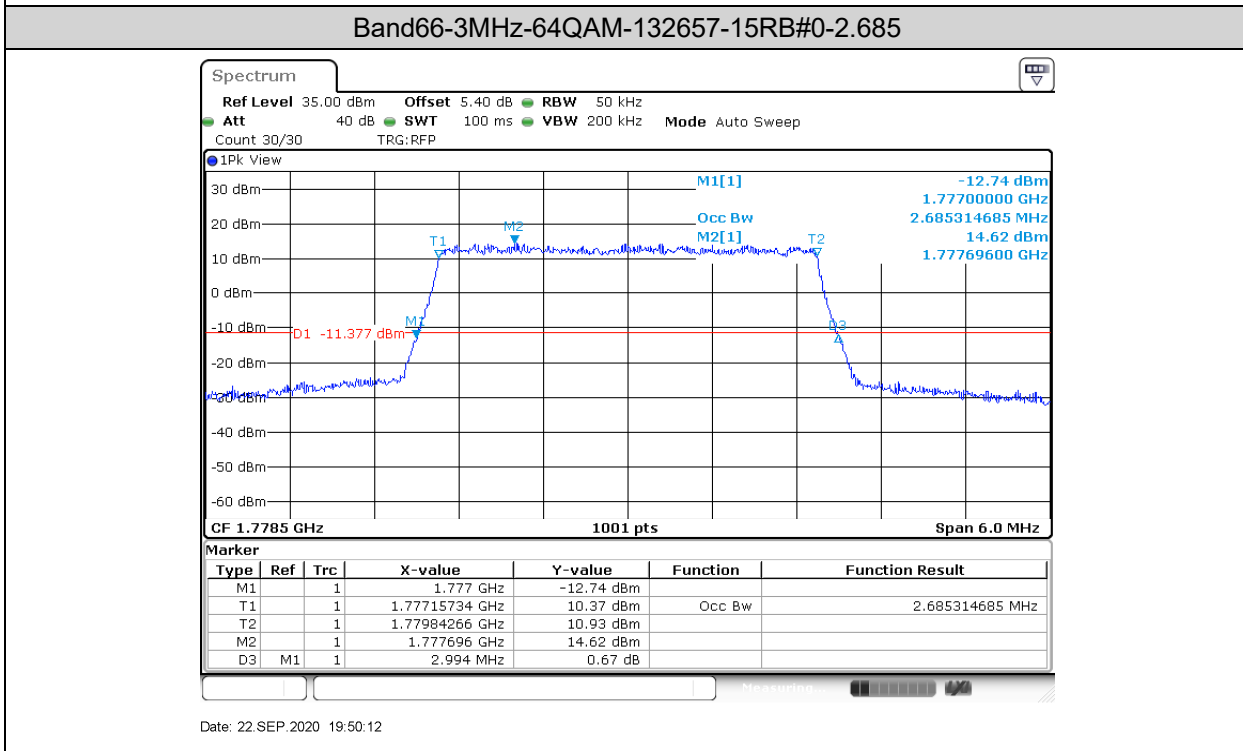
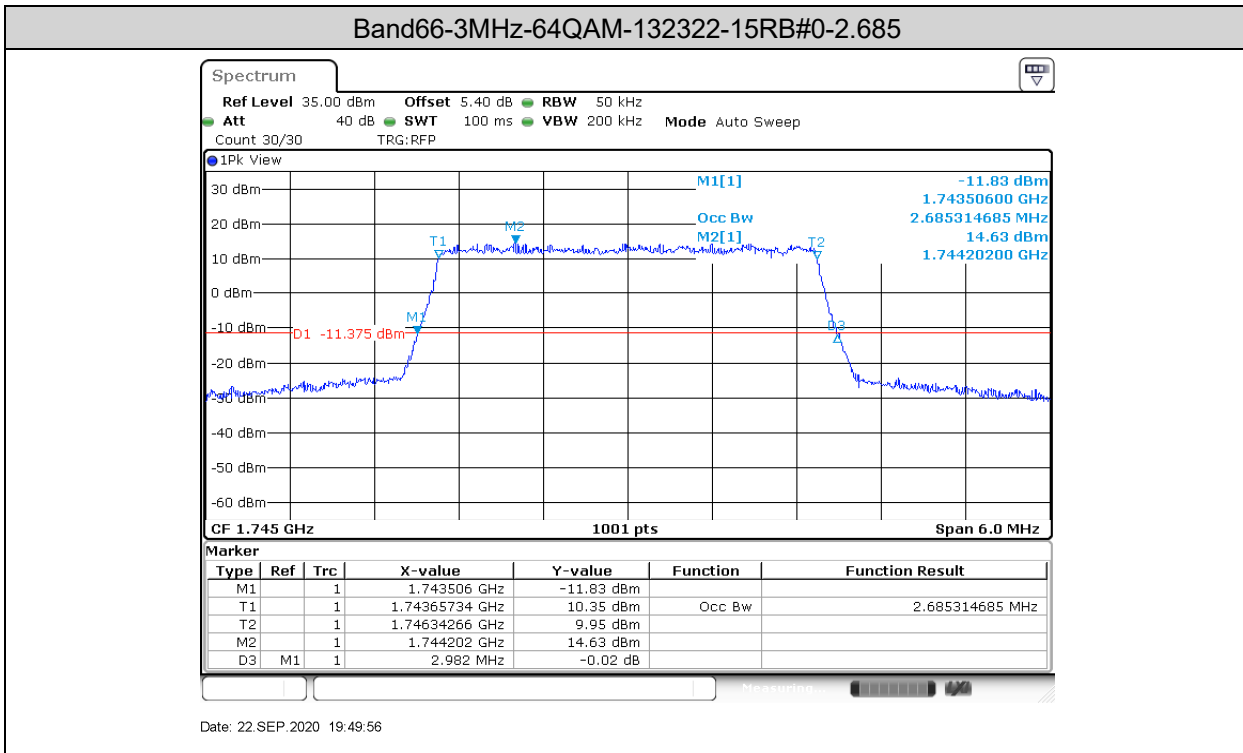
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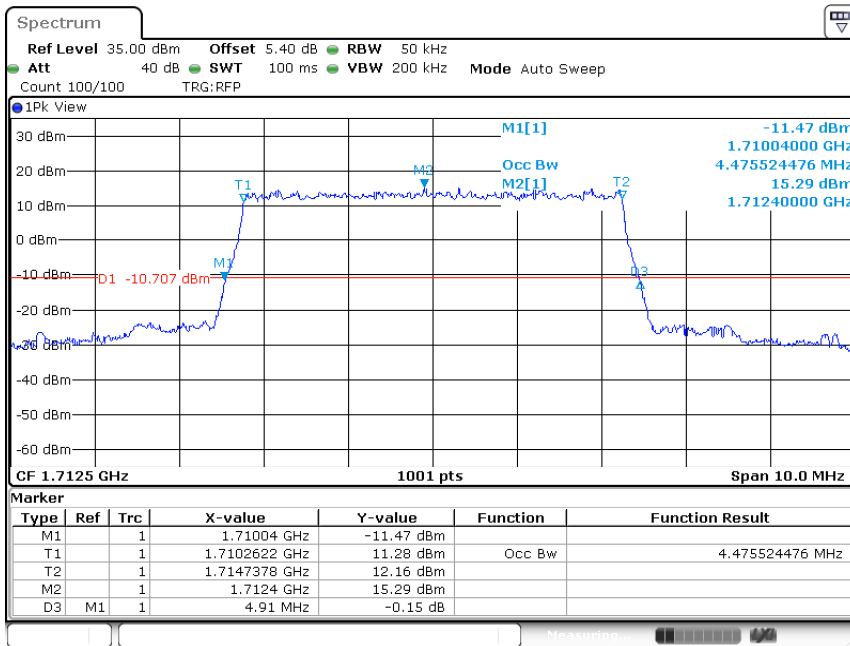


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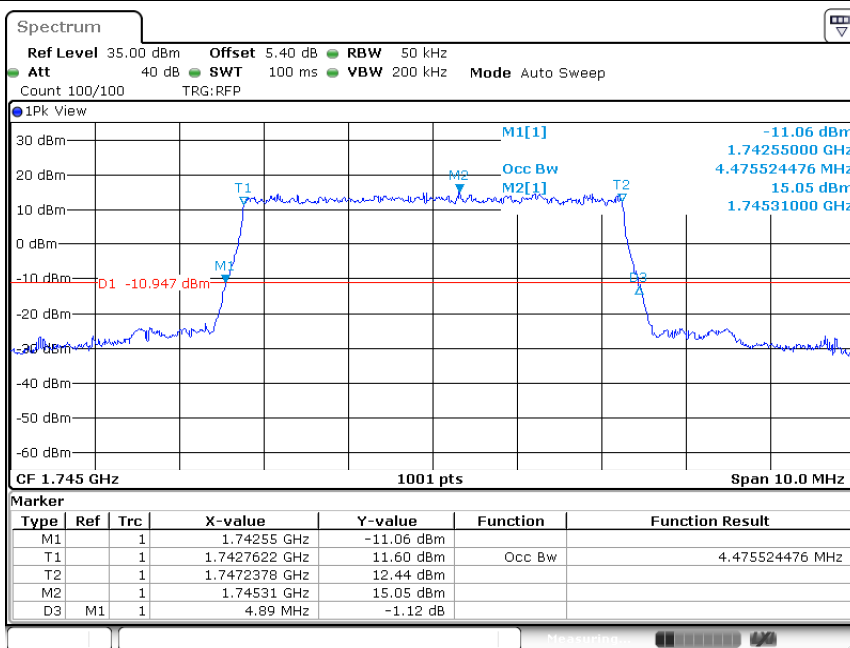
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Band66-5MHz-QPSK-131997-25RB#0-4.476



Date: 22.SEP.2020 18:08:25

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

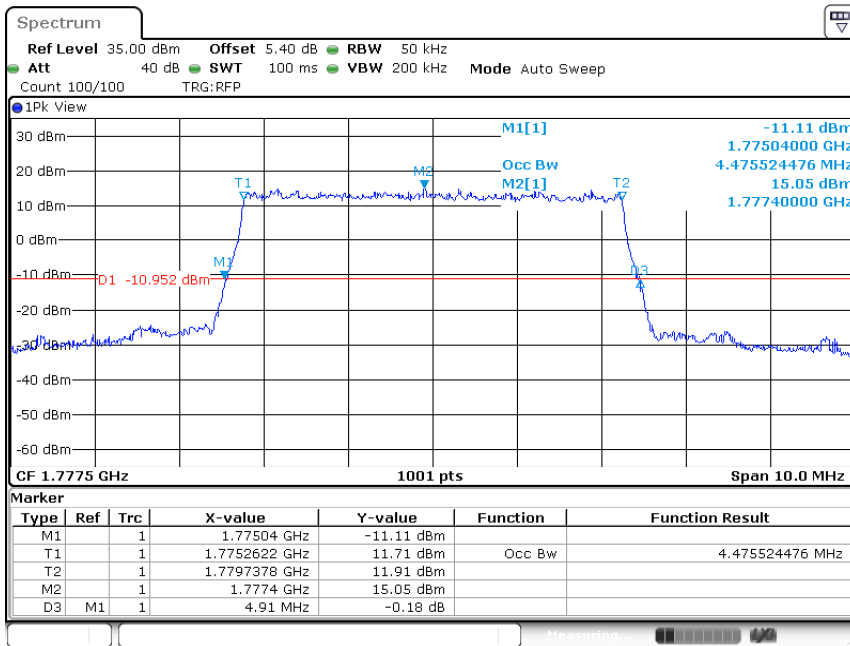


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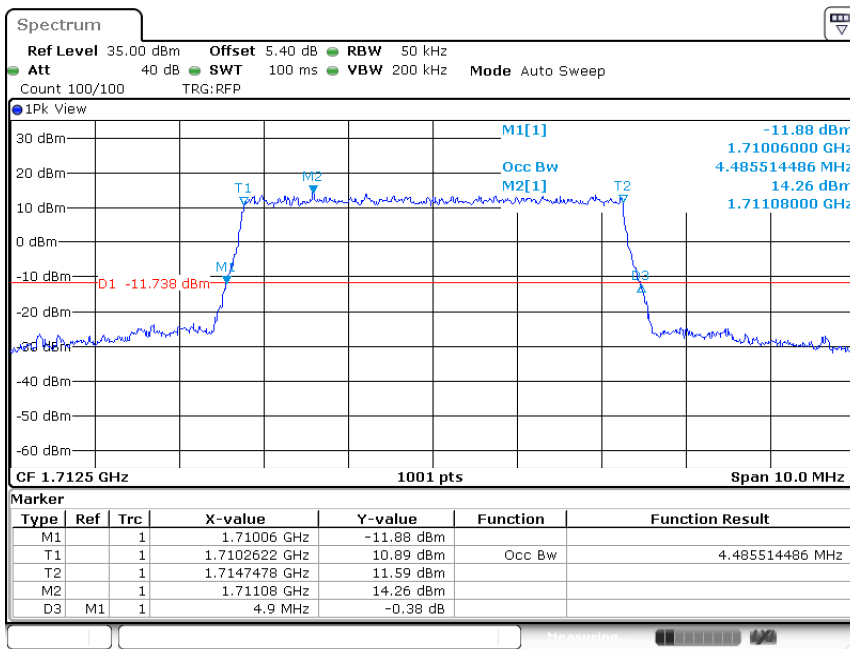
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Band66-5MHz-QPSK-132647-25RB#0-4.476



Date: 22.SEP.2020 18:09:57

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



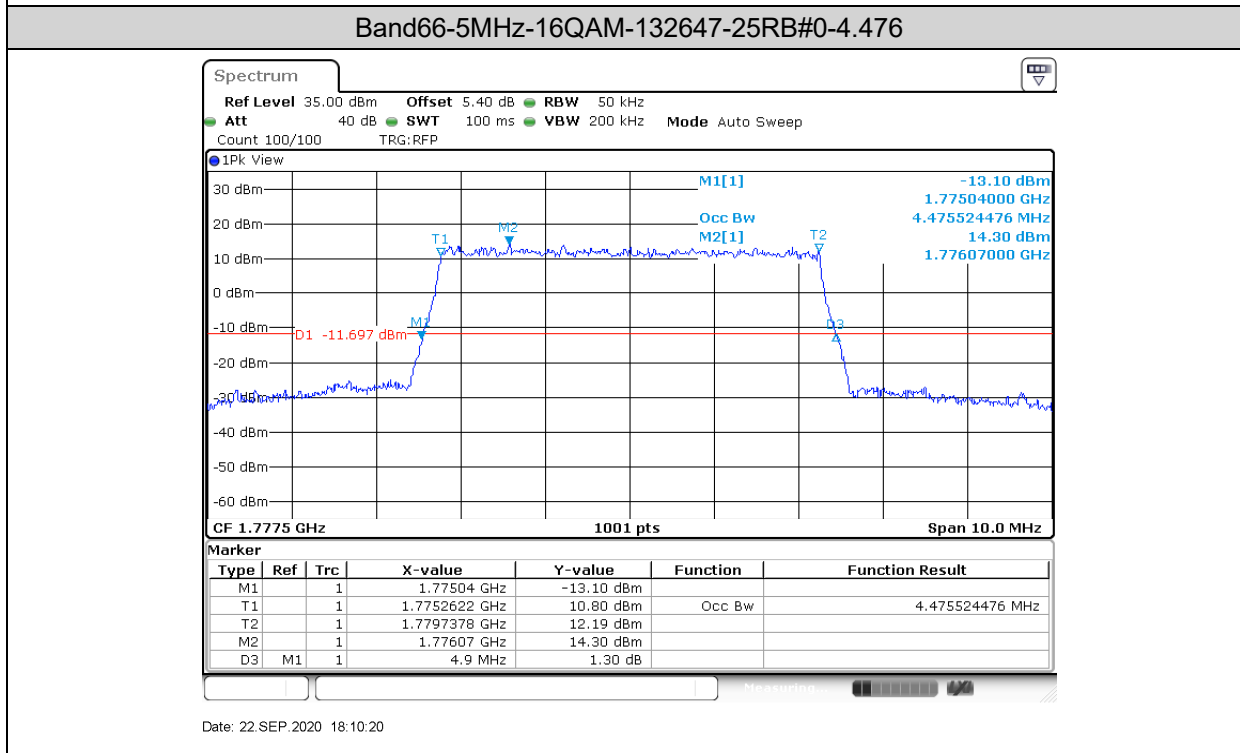
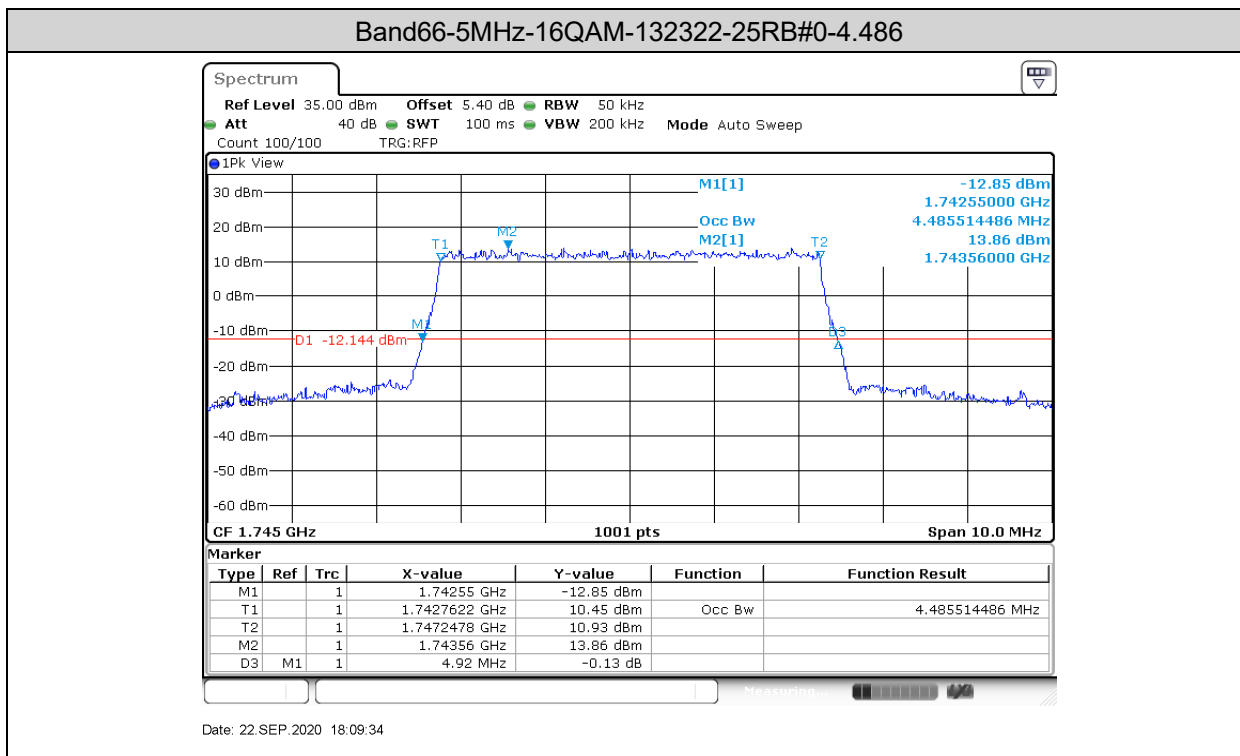
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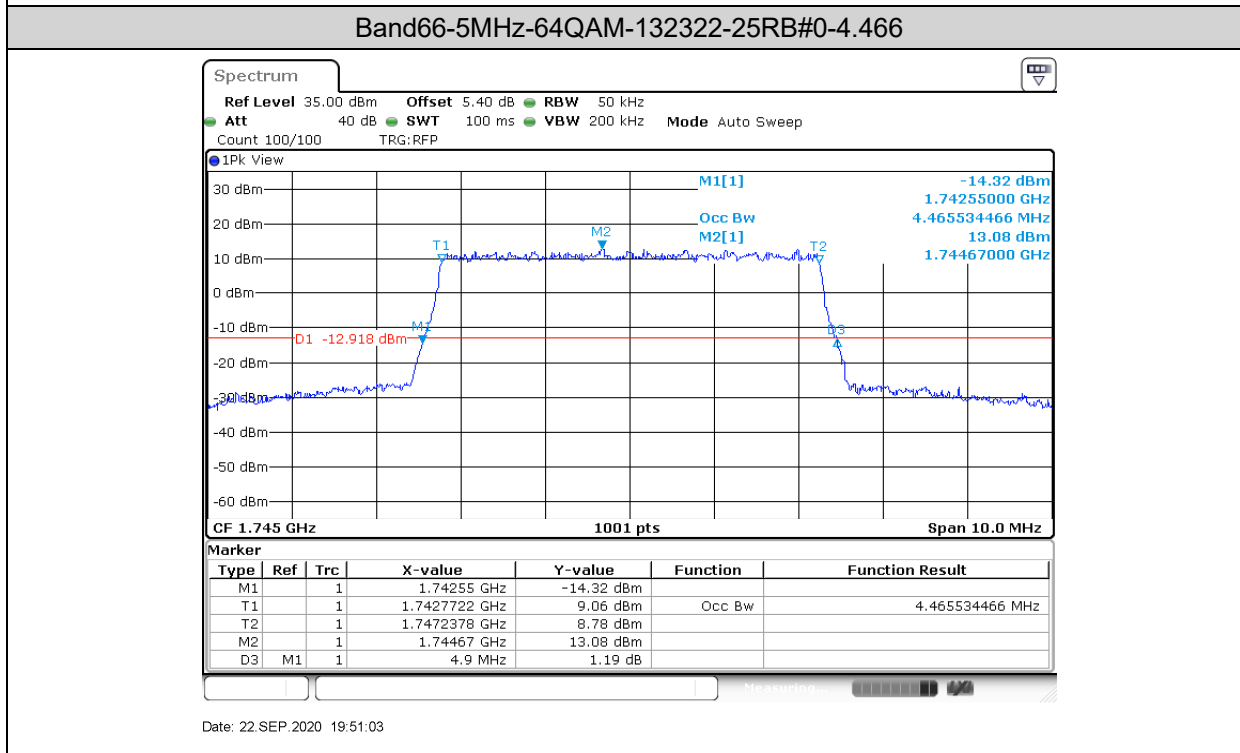
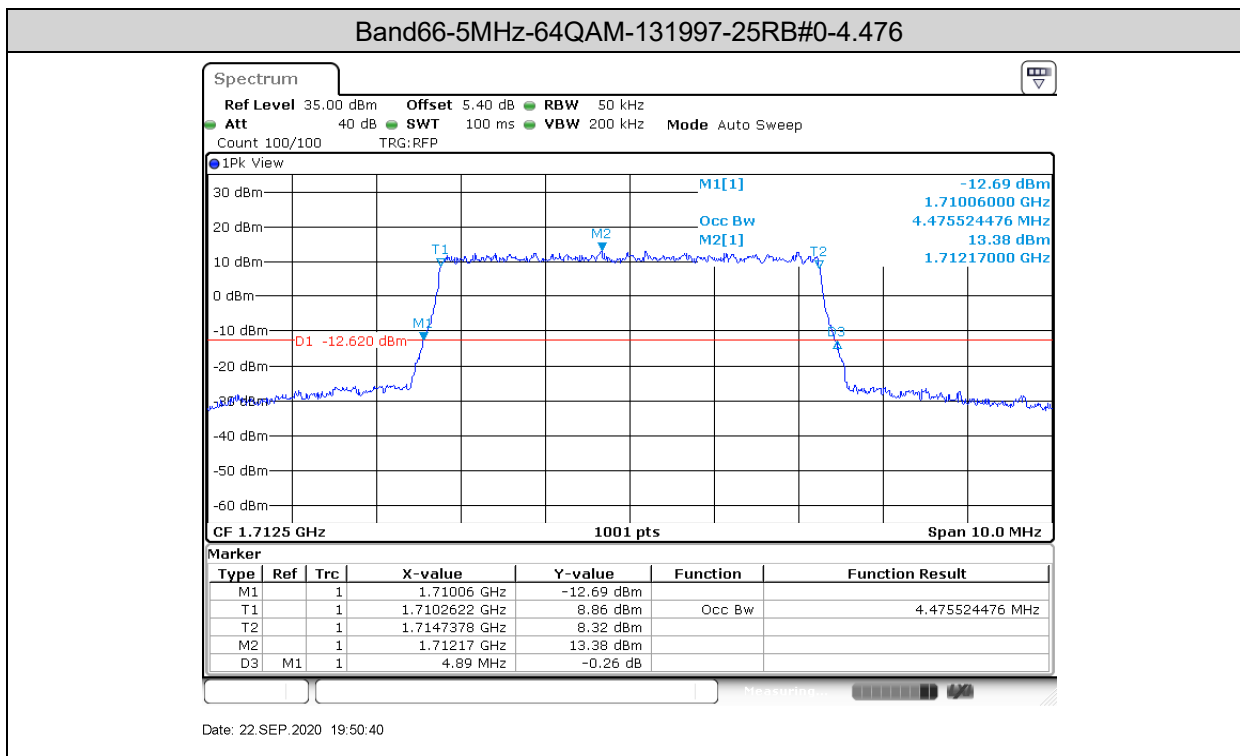
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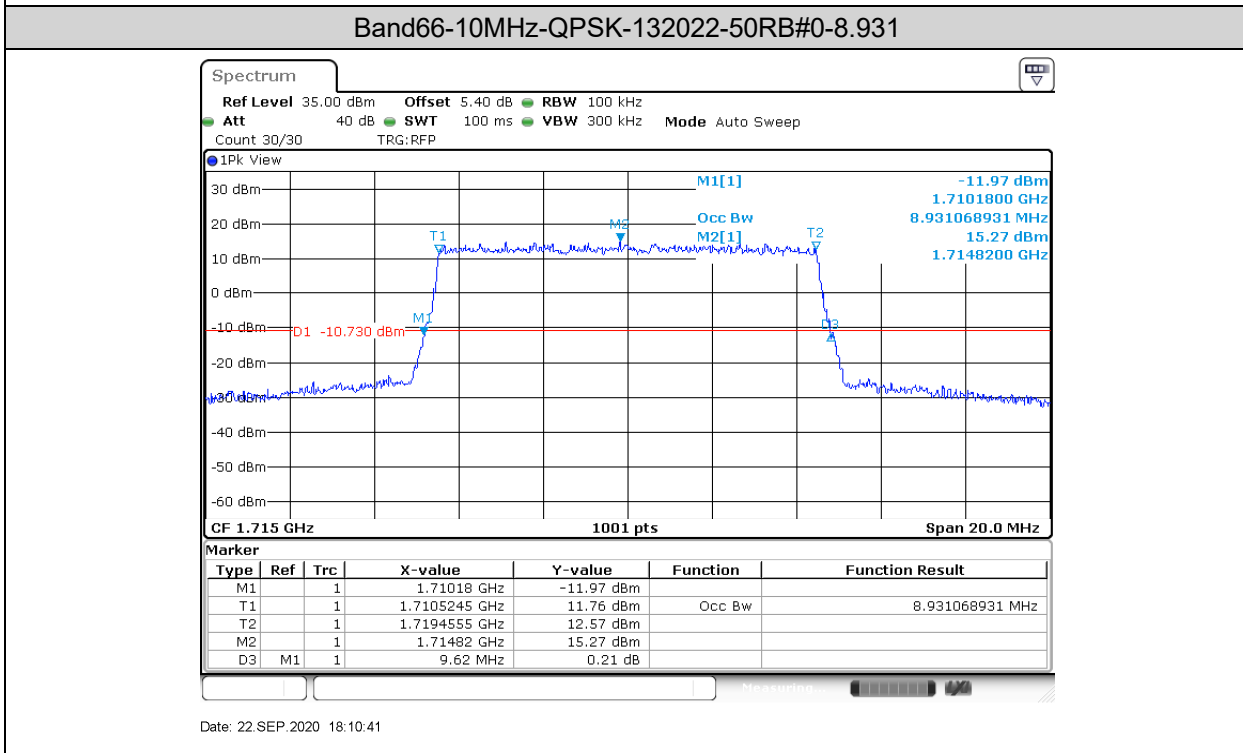
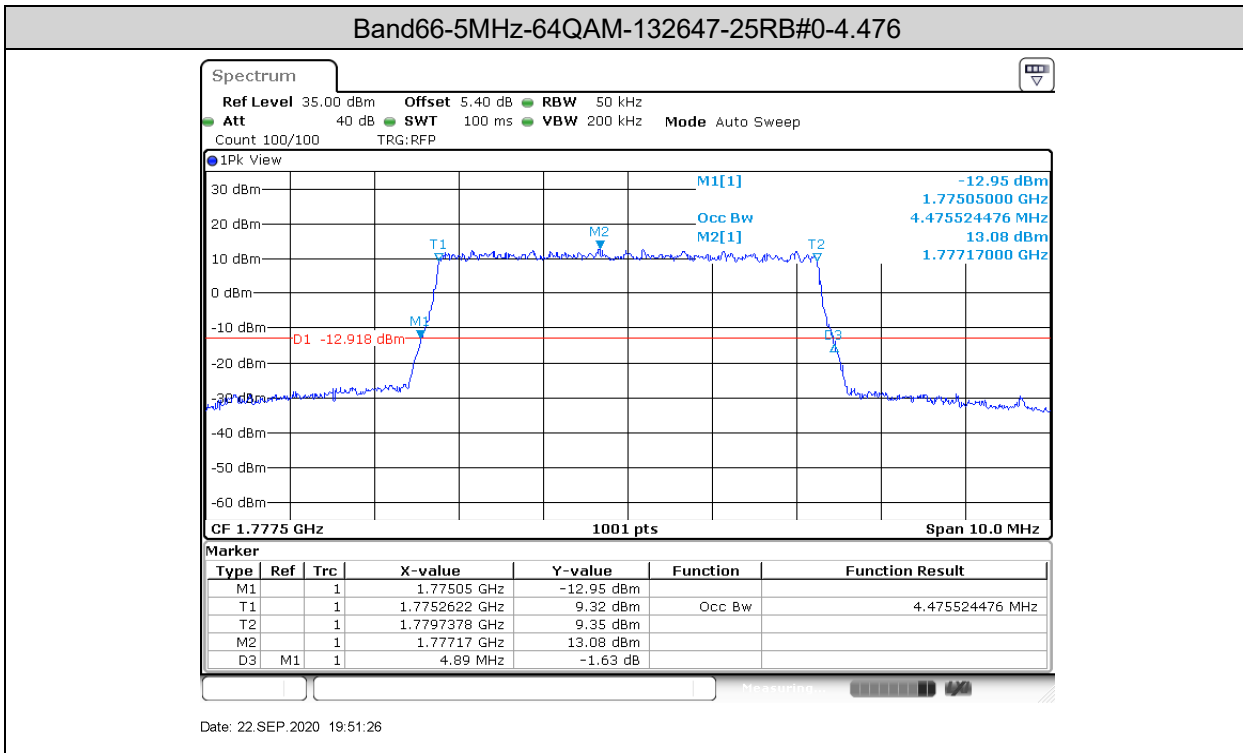
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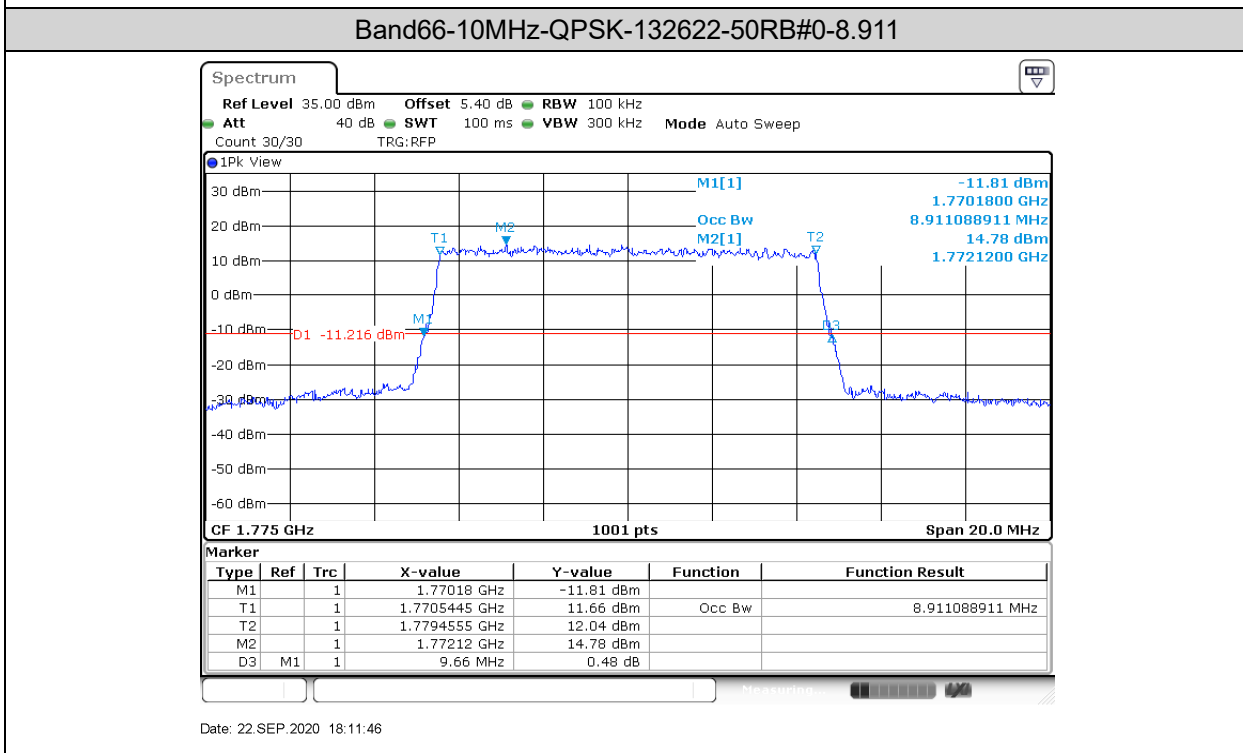
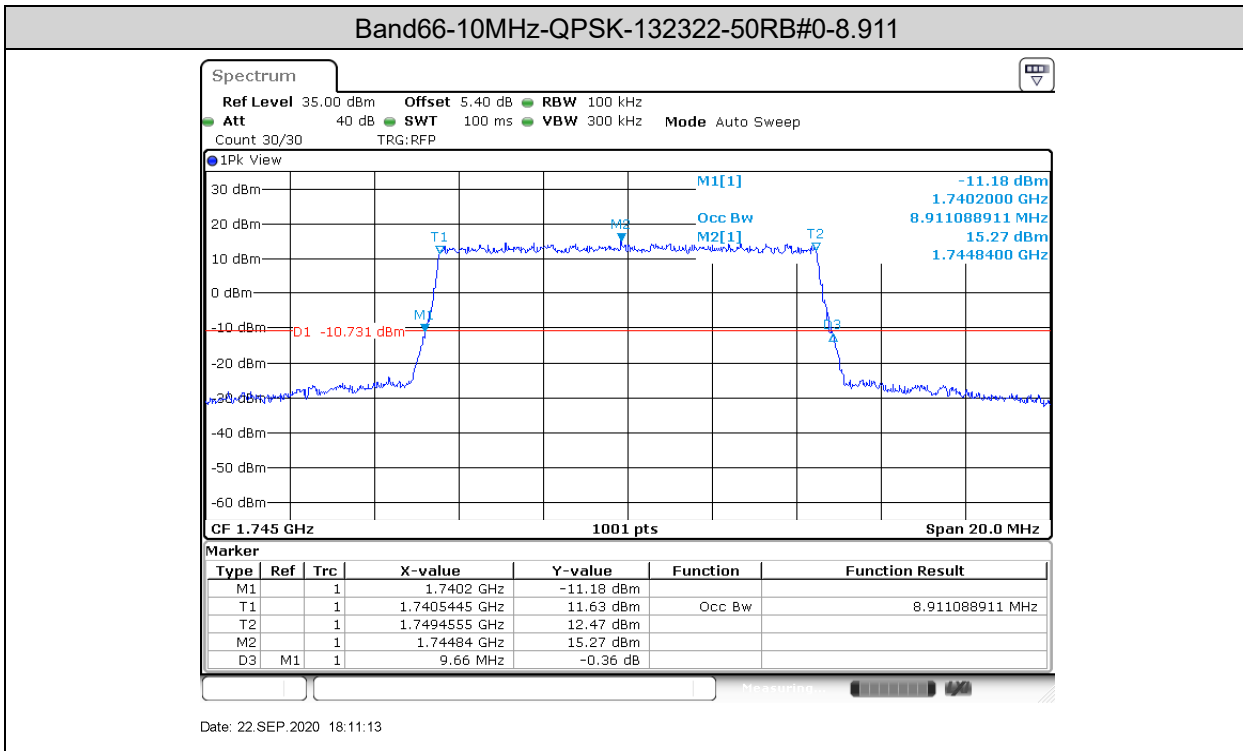


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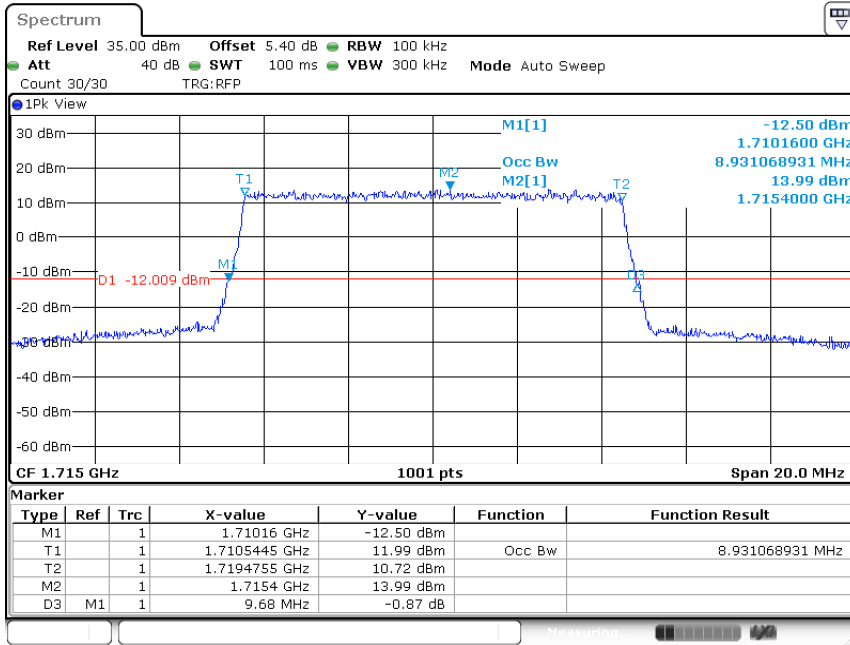
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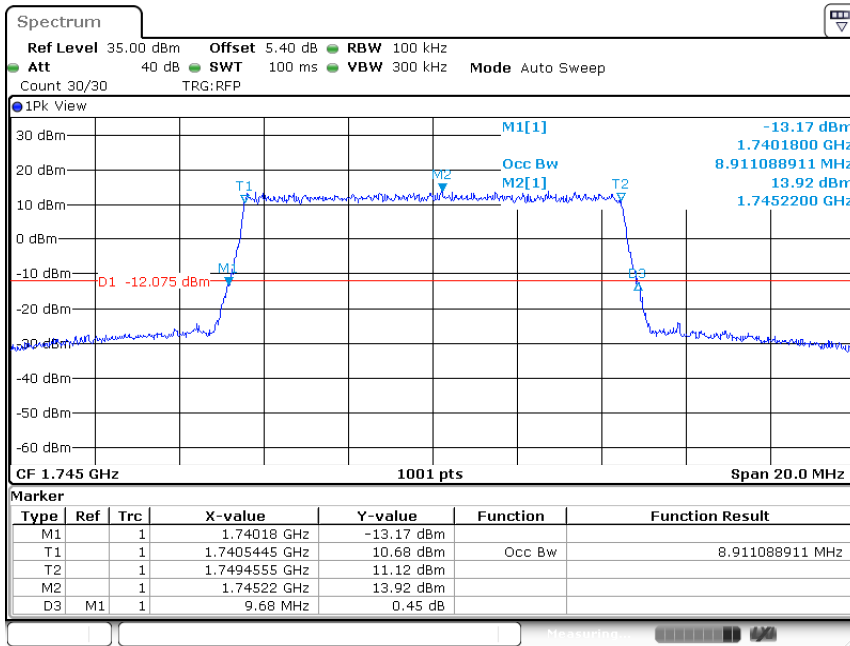
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Band66-10MHz-16QAM-132022-50RB#0-8.931



Date: 22.SEP.2020 18:10:57

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

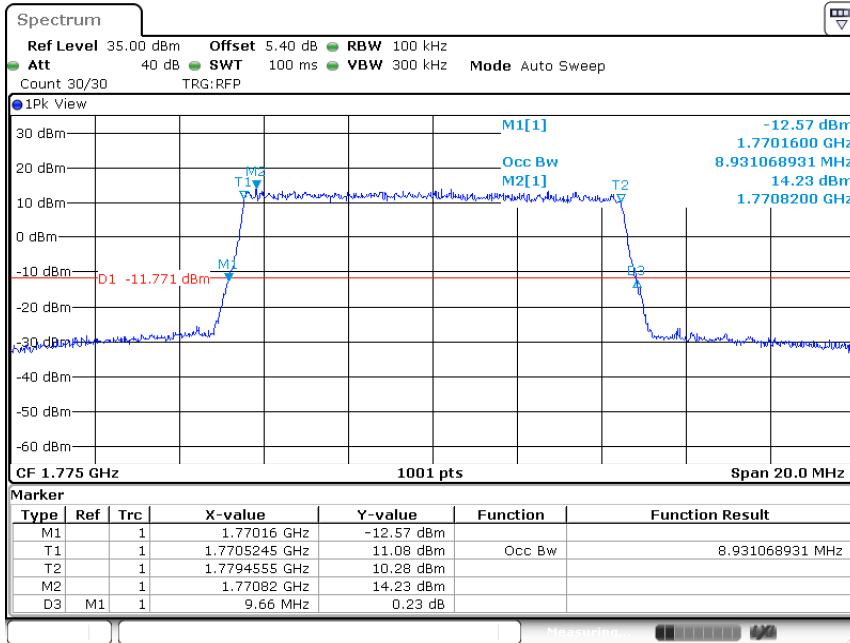


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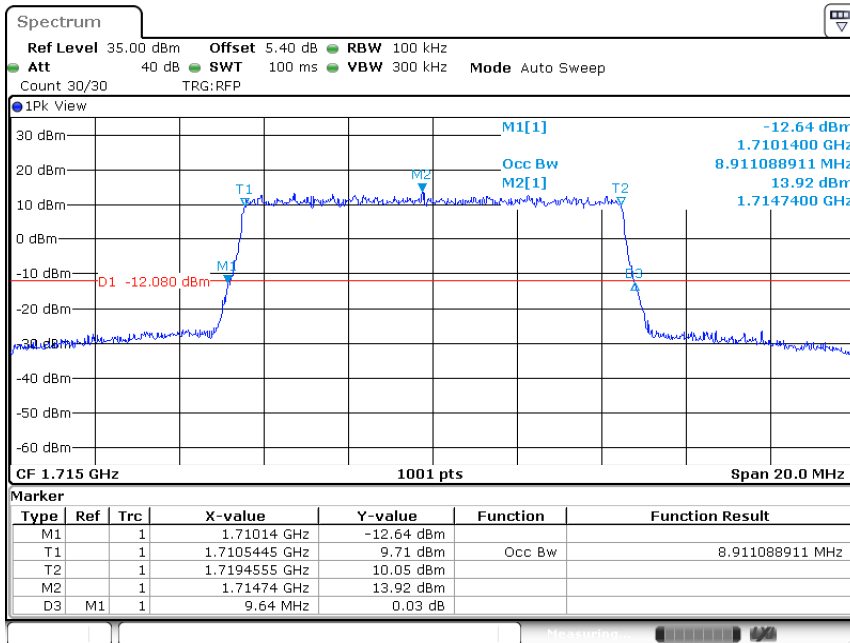
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Band66-10MHz-16QAM-132622-50RB#0-8.931



Date: 22.SEP.2020 18:12:01

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

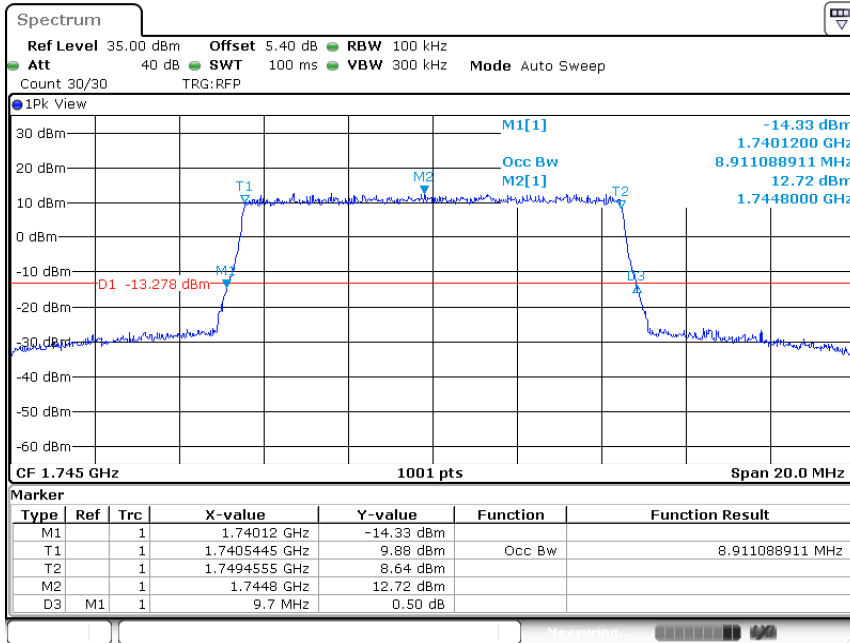


Date: 22.SEP.2020 19:51:47



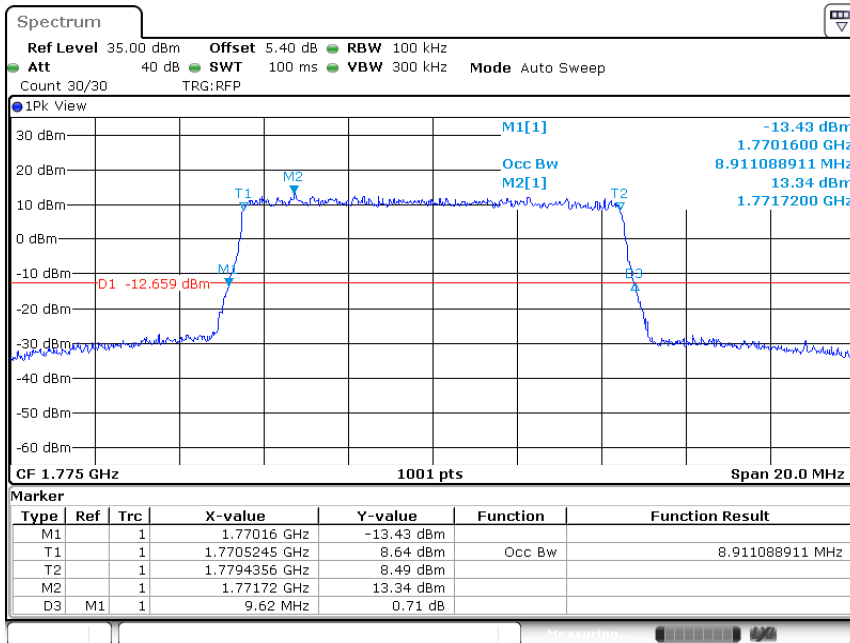
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Band66-10MHz-64QAM-132322-50RB#0-8.911



Date: 22.SEP.2020 19:52:03

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

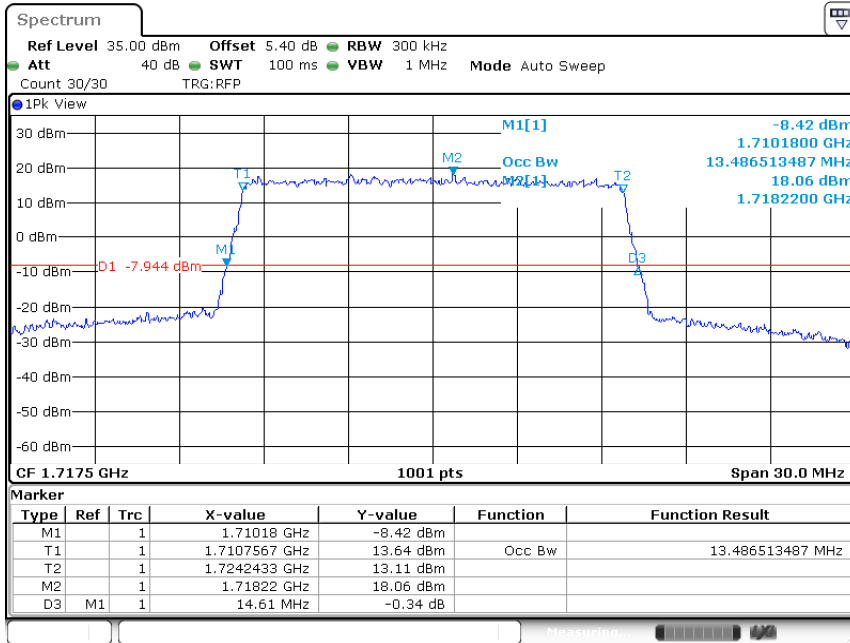


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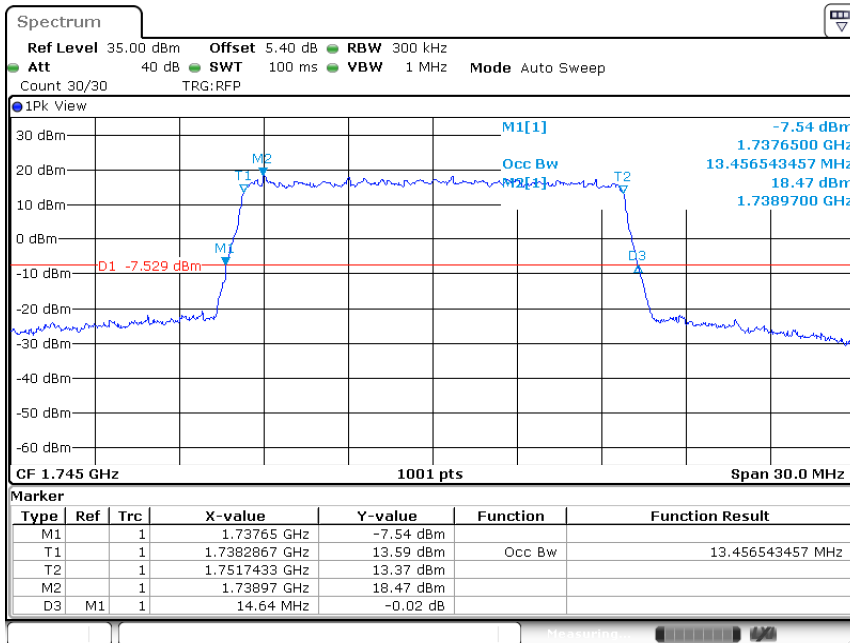
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Band66-15MHz-QPSK-132047-75RB#0-13.487



Date: 22.SEP.2020 18:12:22

Band66-15MHz-QPSK-132322-75RB#0-13.457

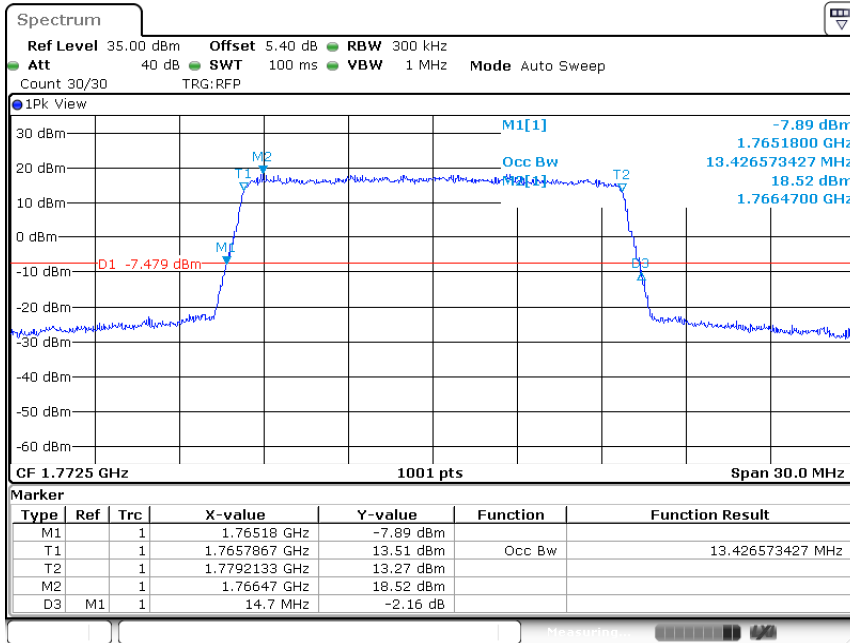


Date: 22.SEP.2020 18:12:54



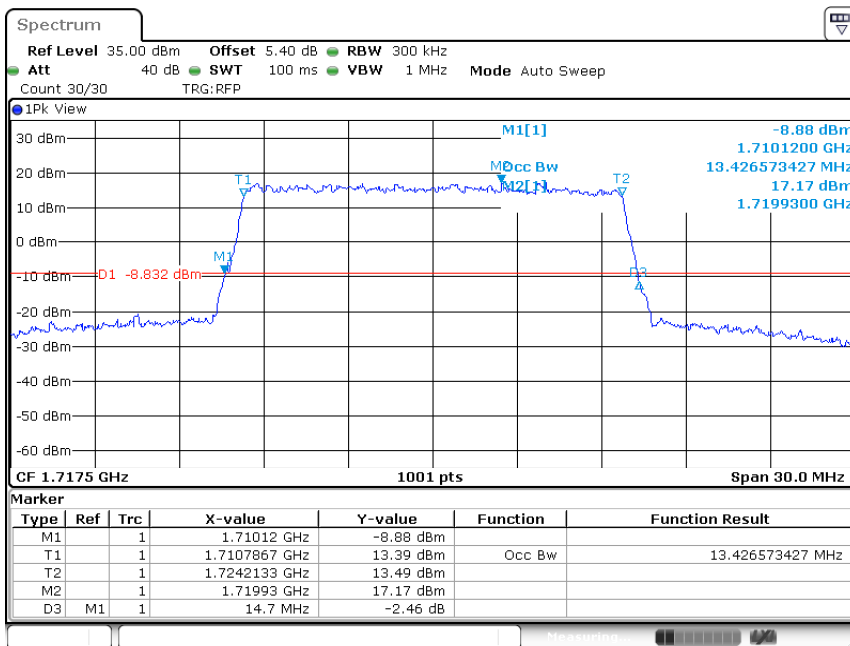
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Band66-15MHz-QPSK-132597-75RB#0-13.427



Date: 22.SEP.2020 18:13:25

Band66-15MHz-16QAM-132047-75RB#0-13.427

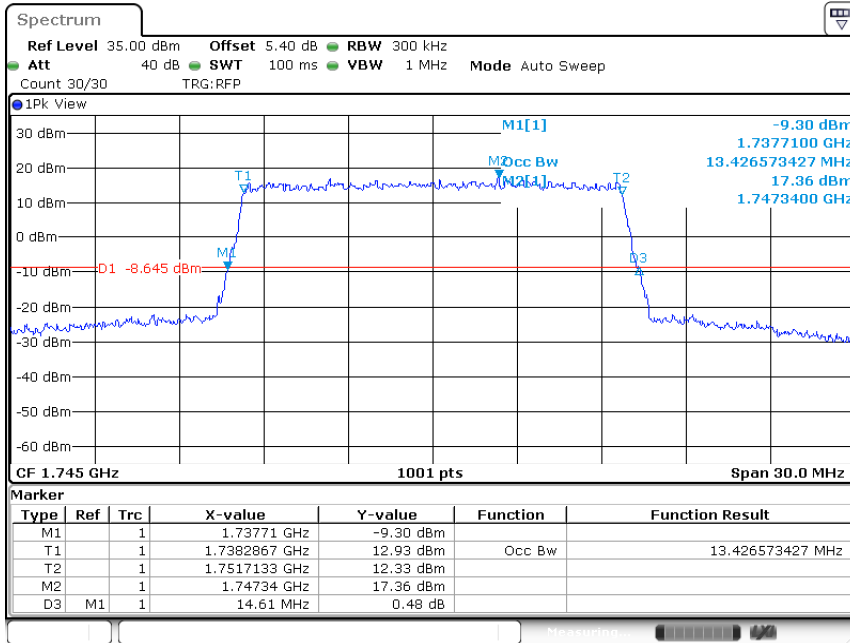


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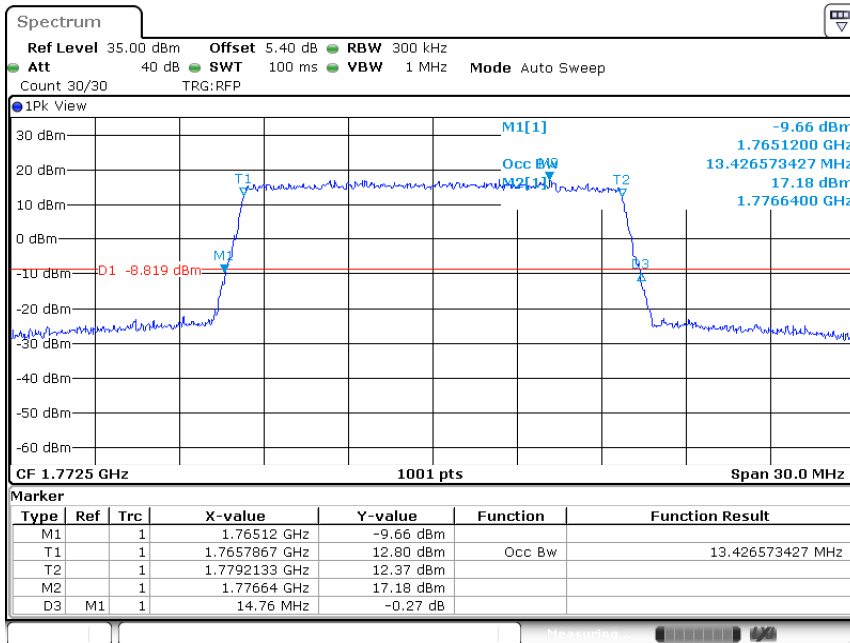
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Band66-15MHz-16QAM-132322-75RB#0-13.427



Date: 22.SEP.2020 18:13:09

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



Date: 22.SEP.2020 18:13:41

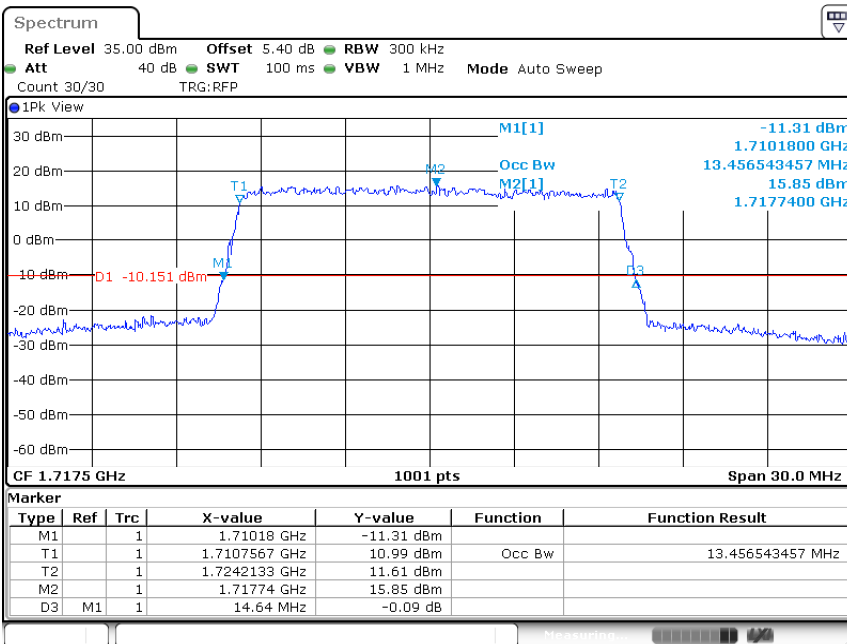


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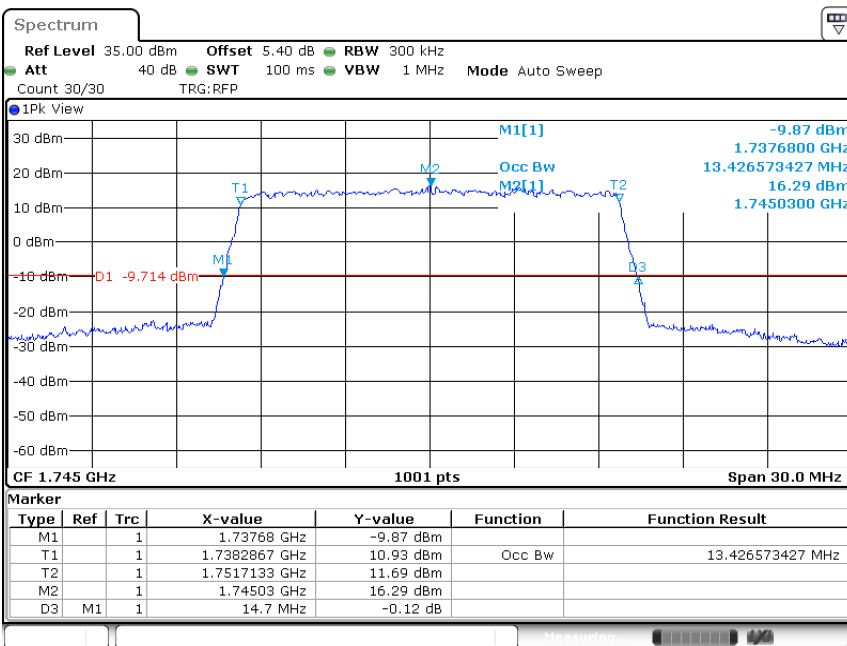
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Band66-15MHz-64QAM-132047-75RB#0-13.457



Date: 22.SEP.2020 19:52:40

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



Date: 22.SEP.2020 19:52:56

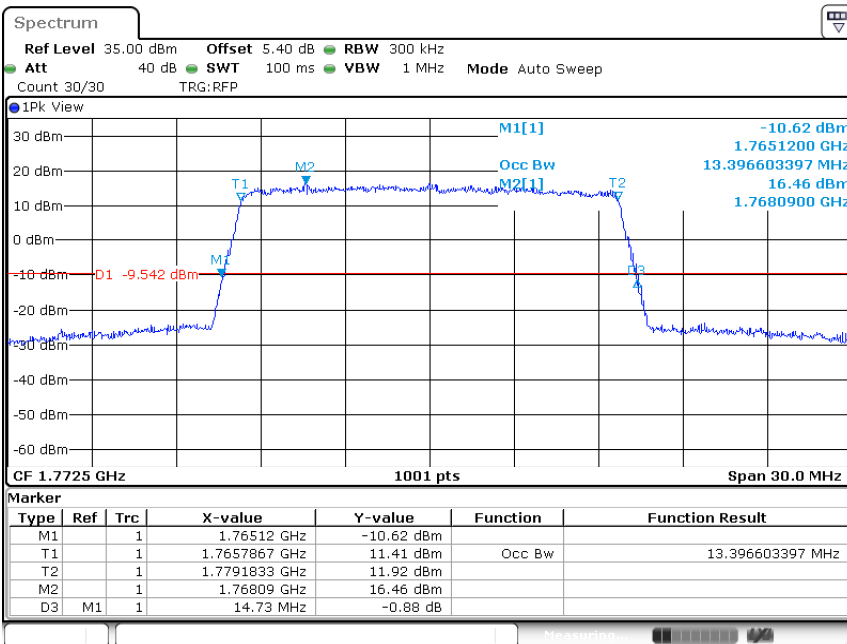


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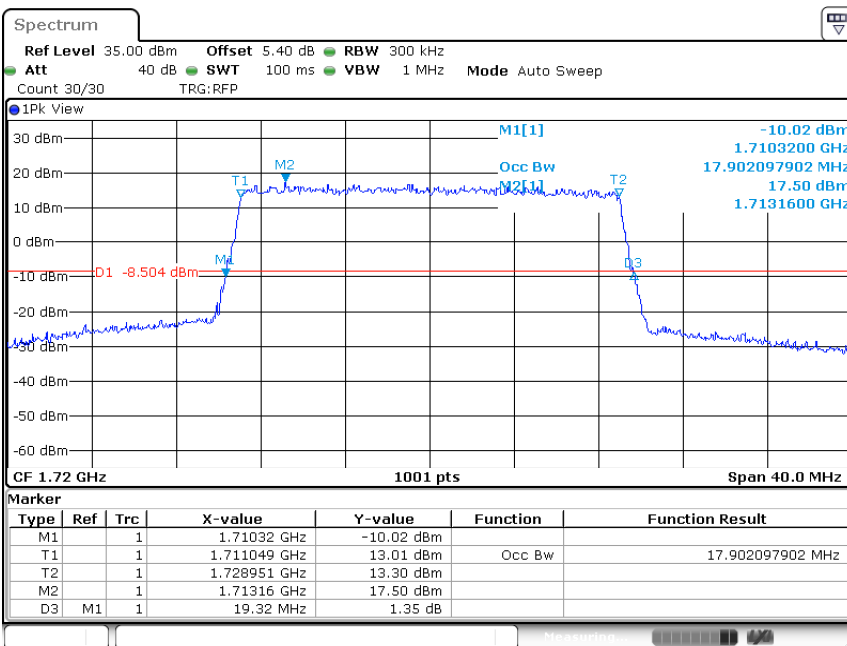
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Band66-15MHz-64QAM-132597-75RB#0-13.397



Date: 22.SEP.2020 19:53:12

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



Date: 22.SEP.2020 18:14:02

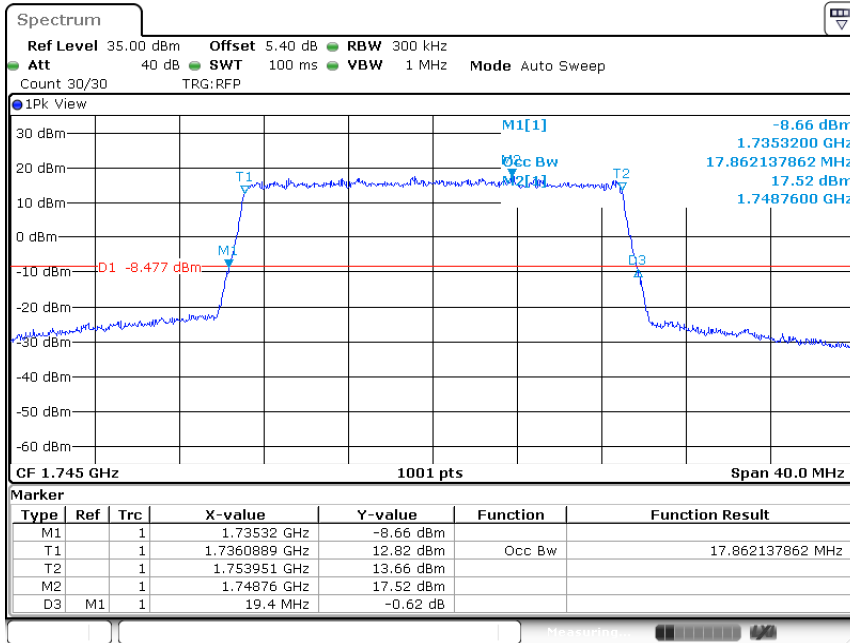


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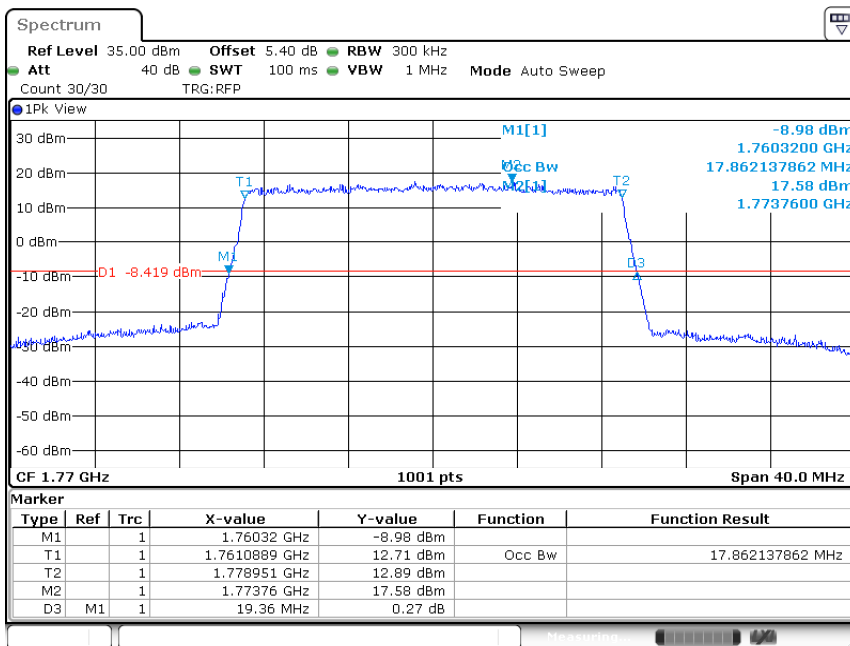
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Band66-20MHz-QPSK-132322-100RB#0-17.862



Date: 22.SEP.2020 18:14:34

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



Date: 22.SEP.2020 18:15:05

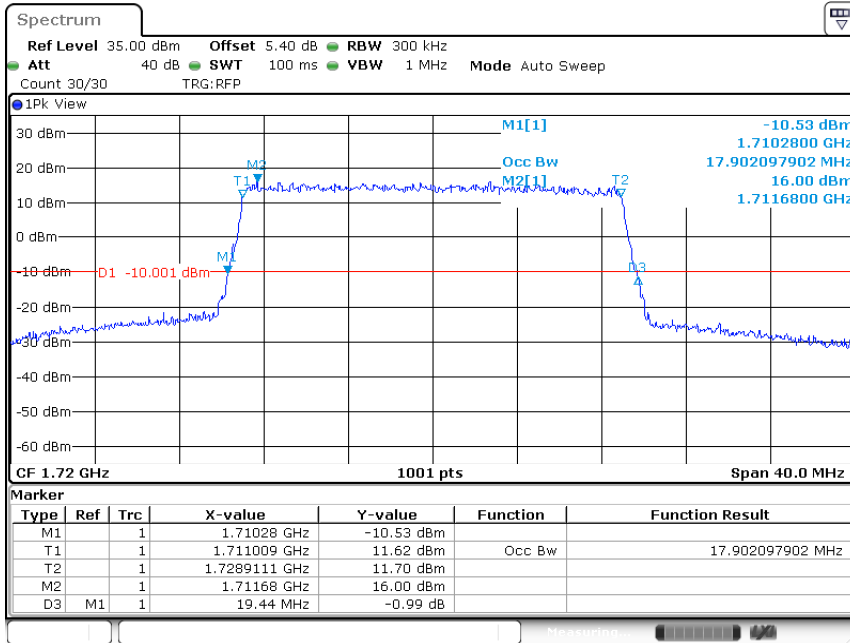


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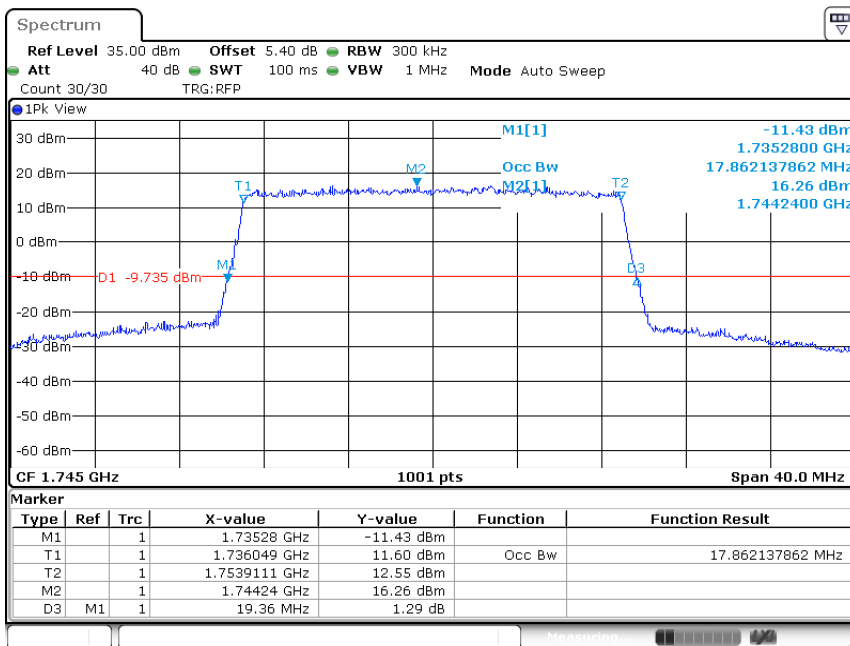
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Band66-20MHz-16QAM-132072-100RB#0-17.902



Date: 22.SEP.2020 18:14:18

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

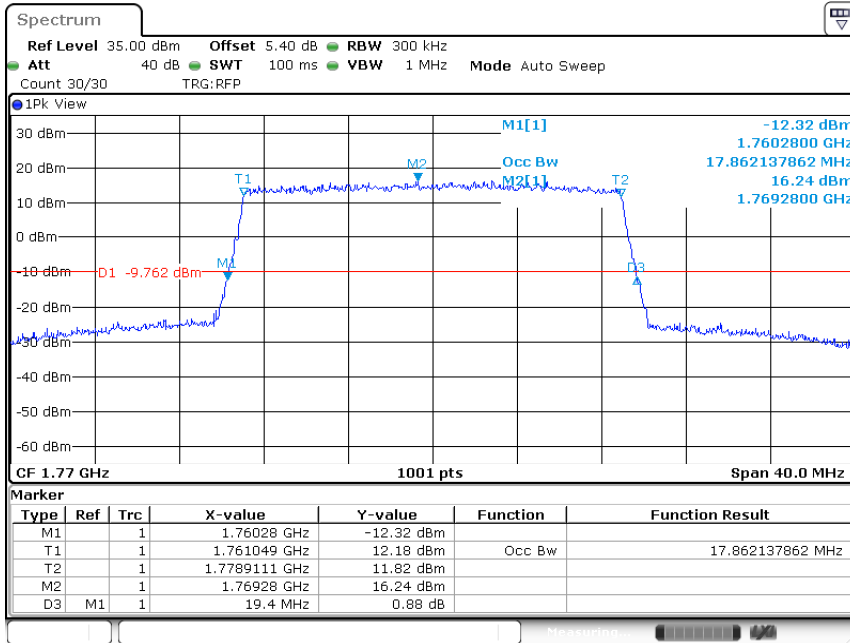


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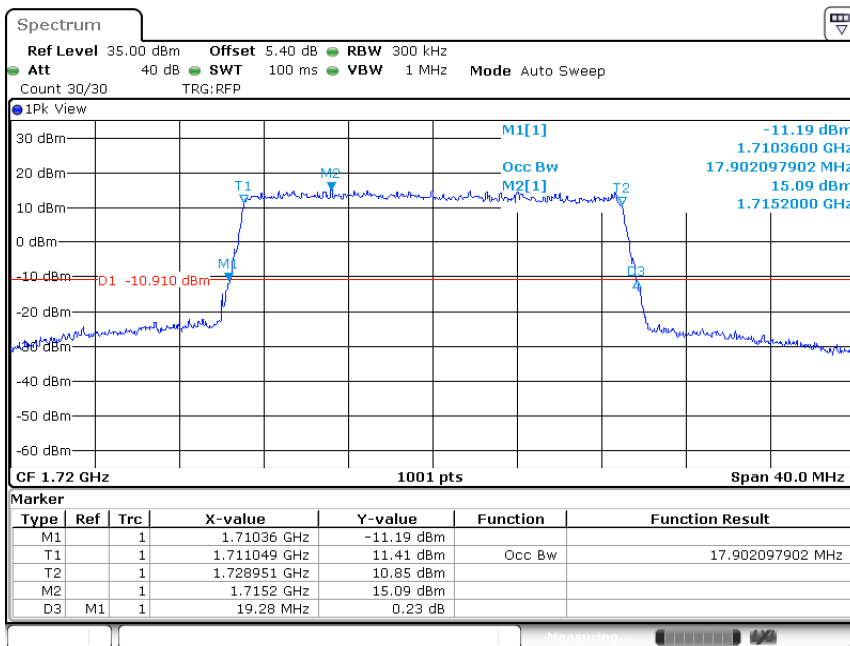
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Band66-20MHz-16QAM-132572-100RB#0-17.862



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



Date: 22.SEP.2020 19:53:34

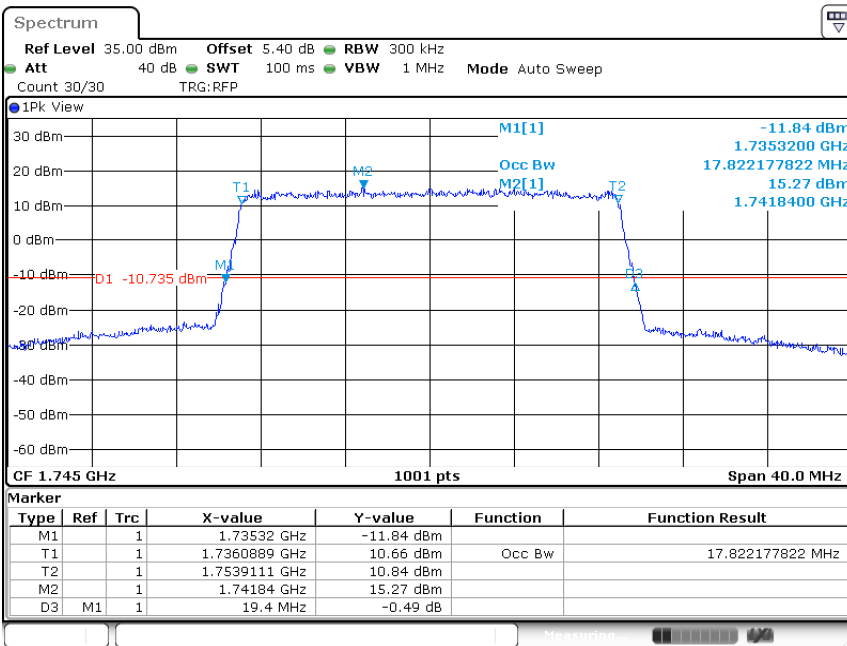


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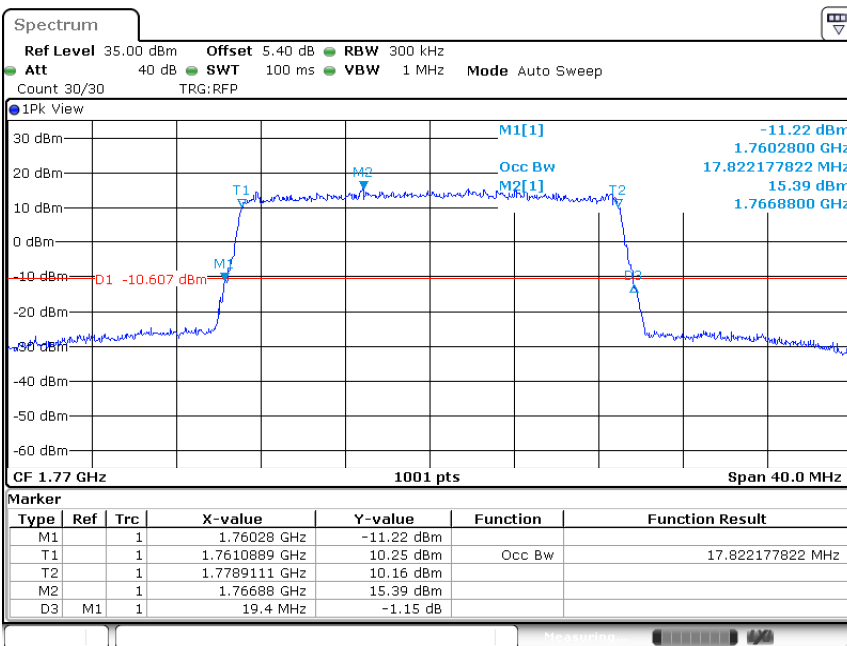
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Band66-20MHz-64QAM-132322-100RB#0-17.822



Date: 22.SEP.2020 19:53:50

Band66-20MHz-64QAM-132572-100RB#0-17.822



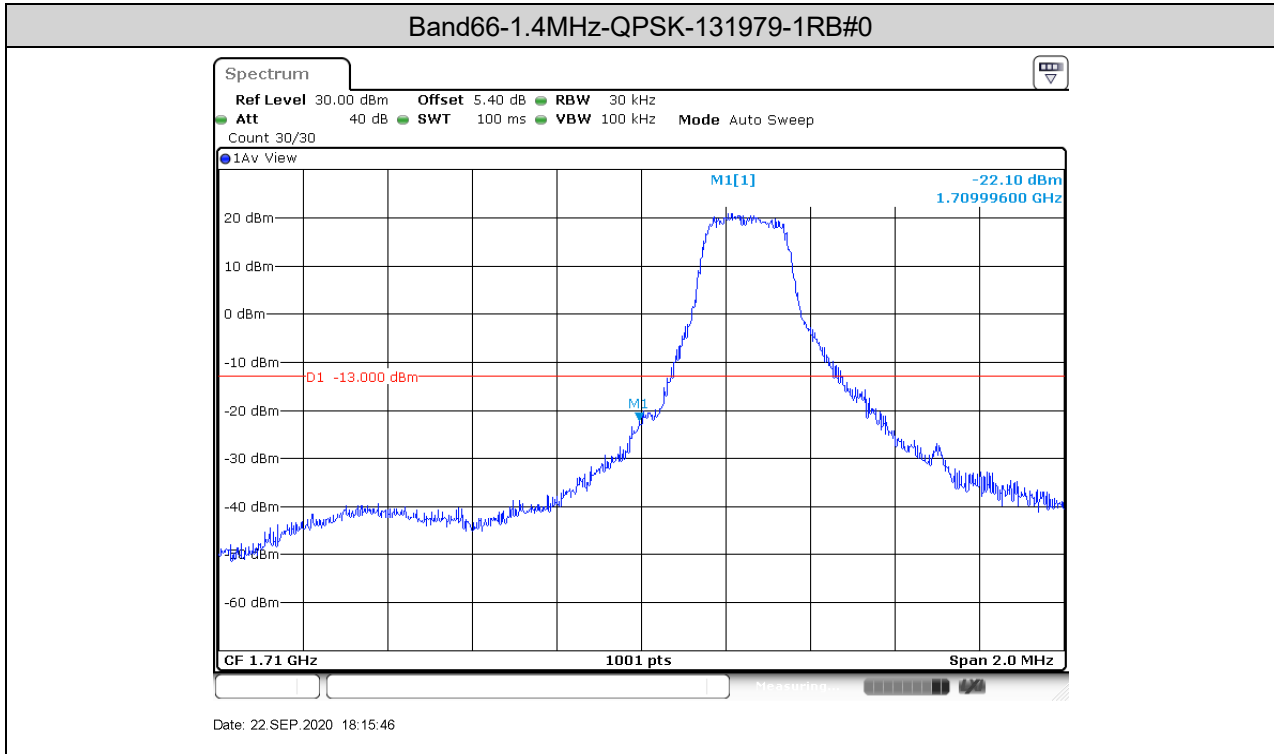
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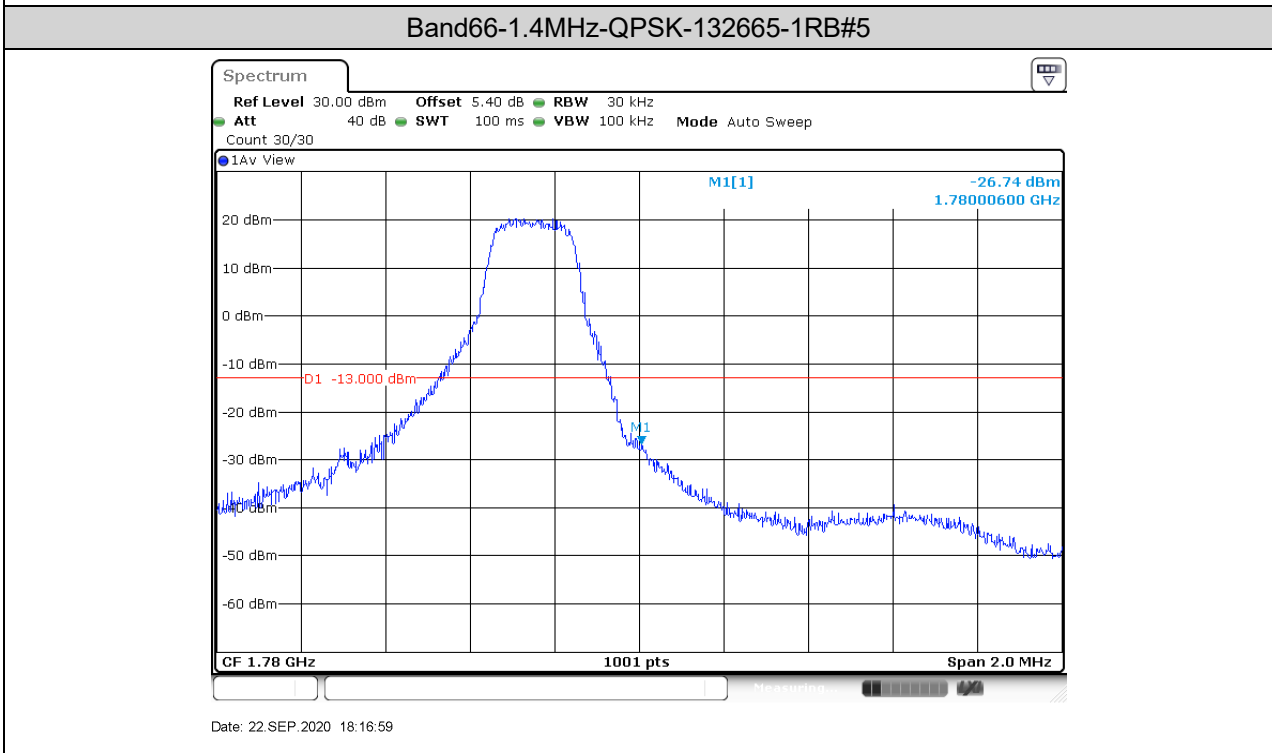
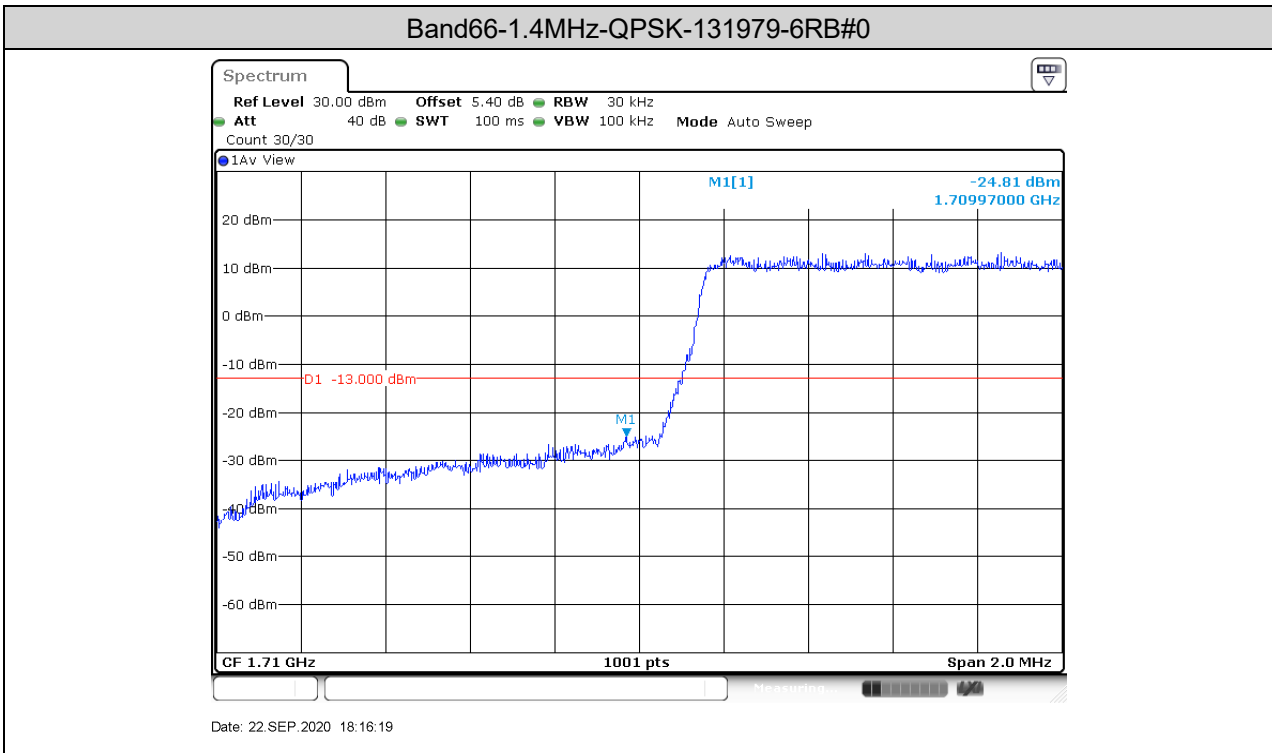
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5 Band Edge Compliance

5.1 Test Plots

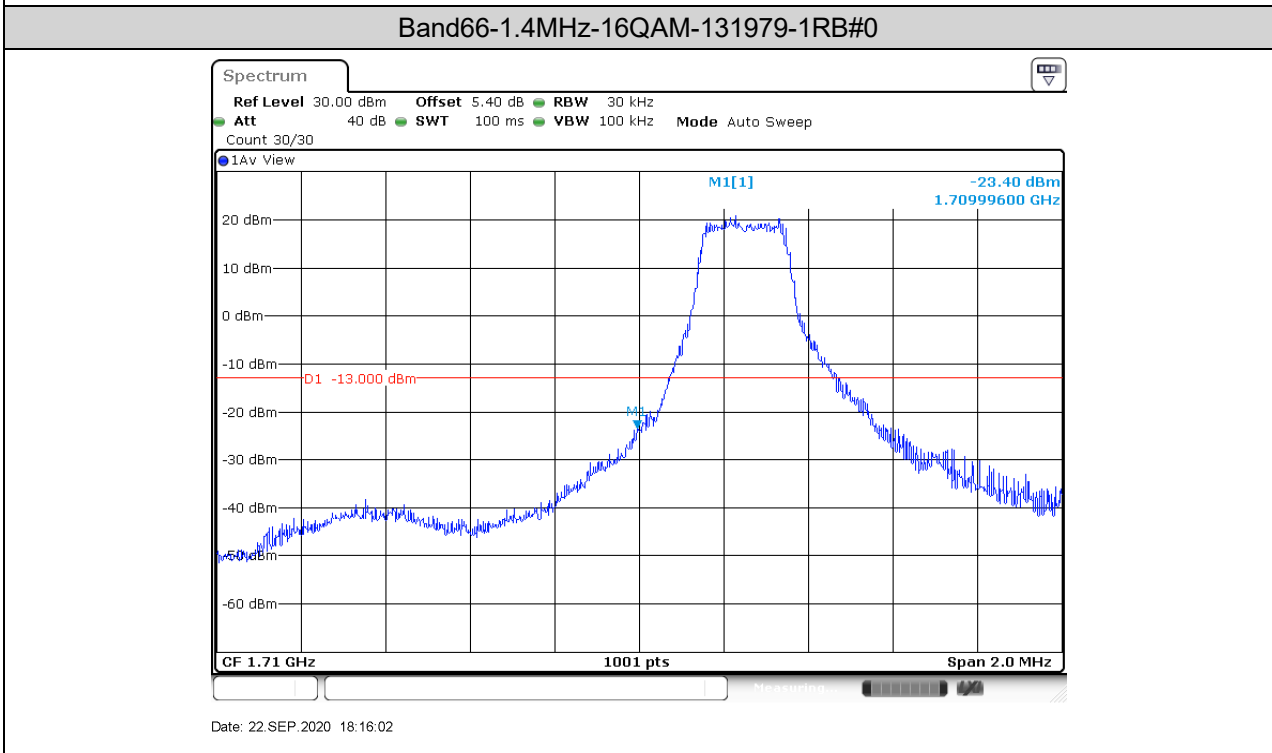
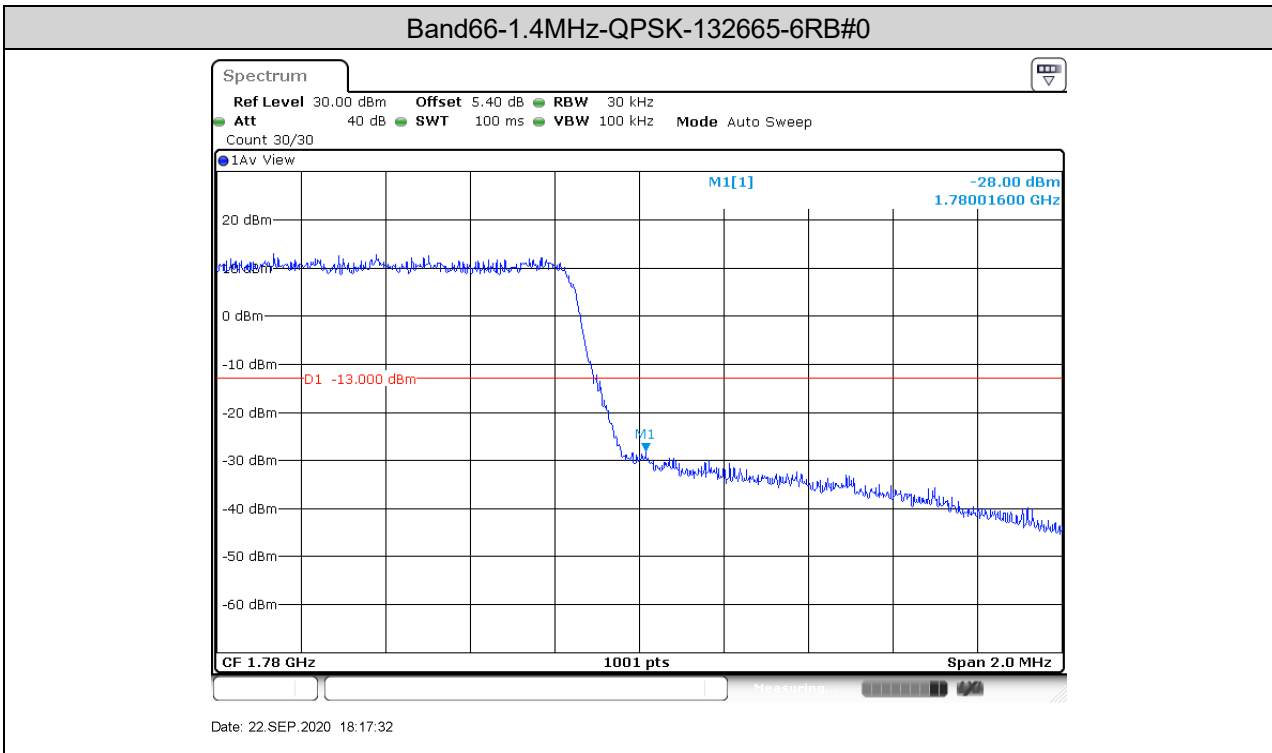


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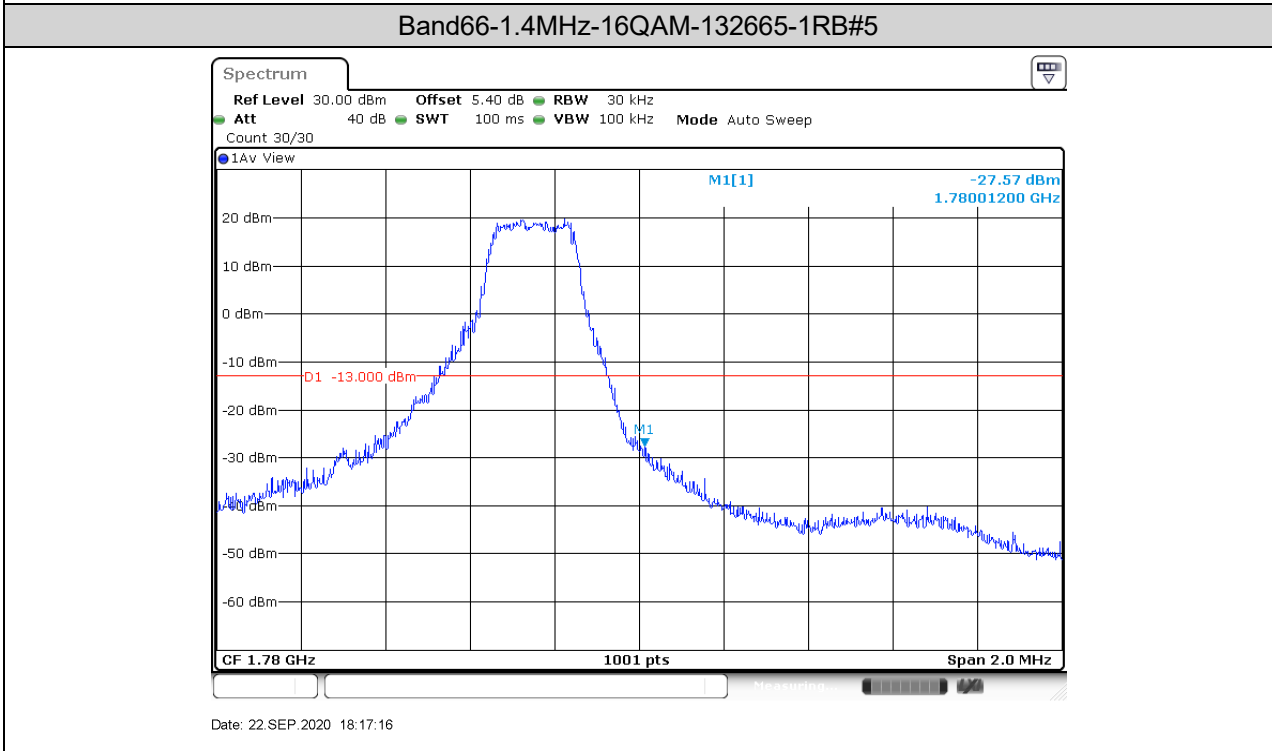
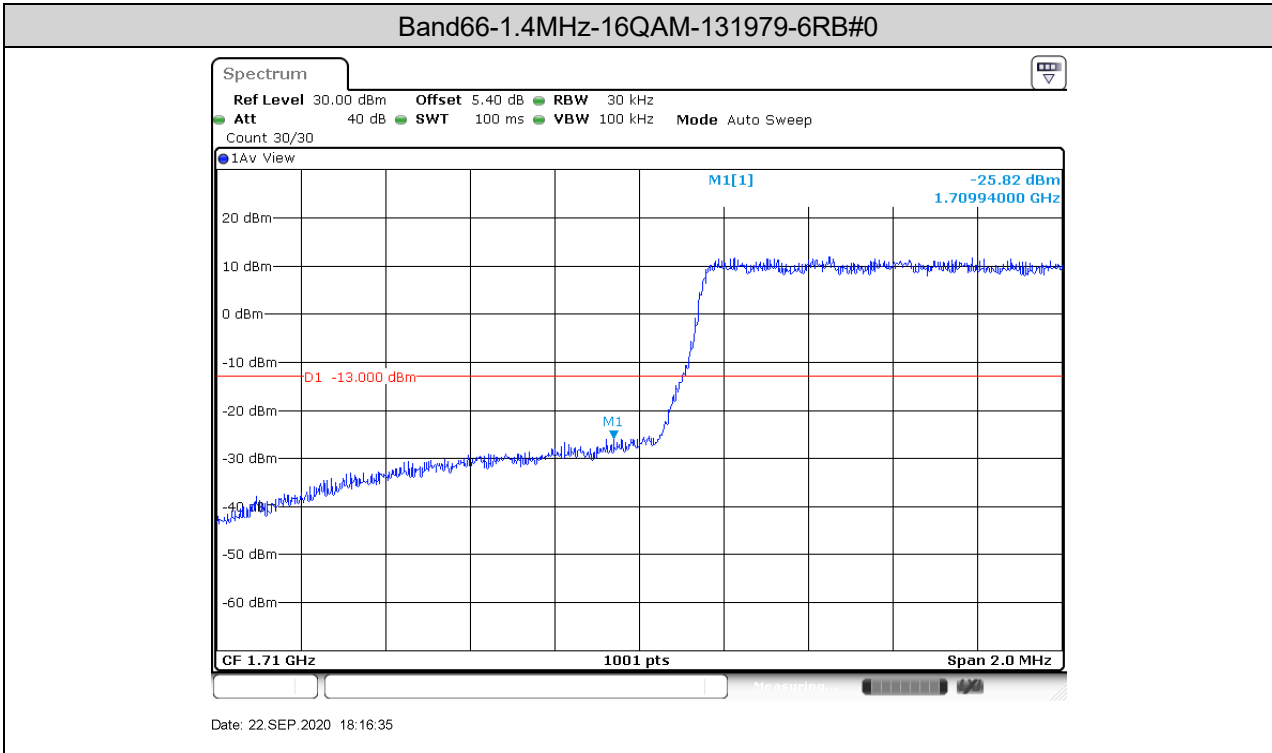
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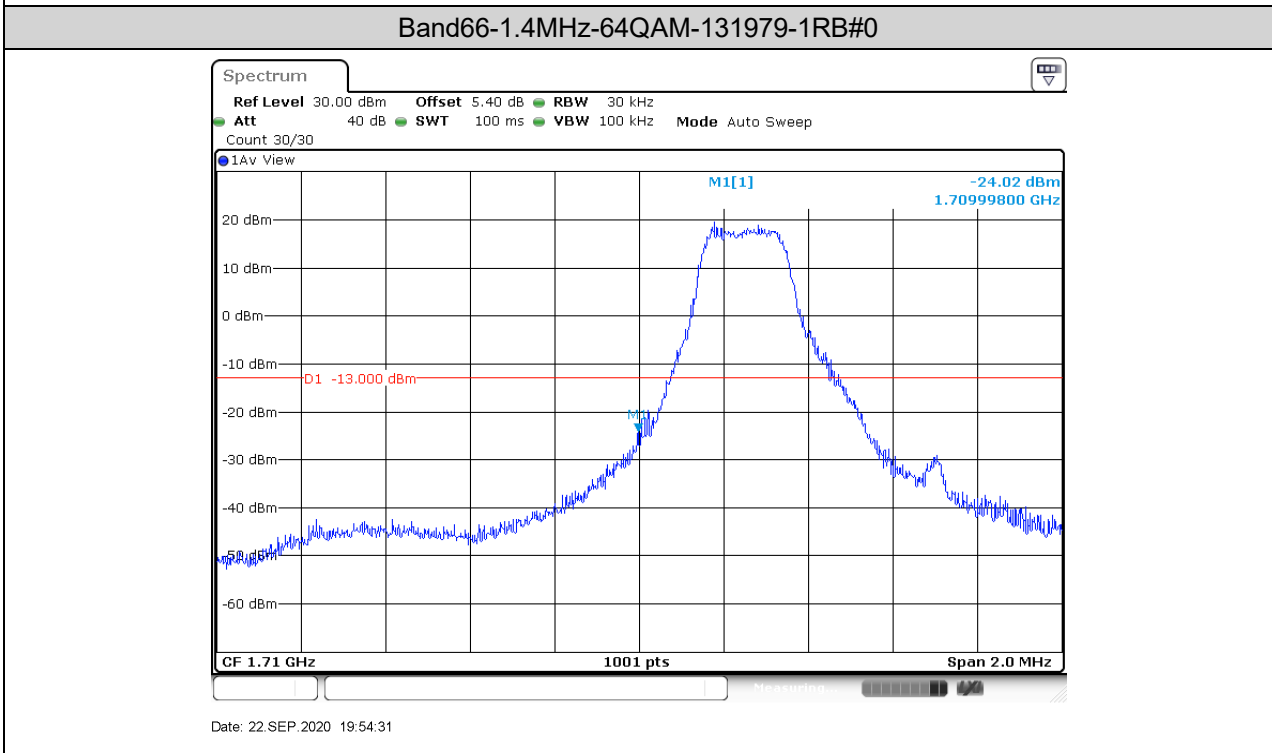
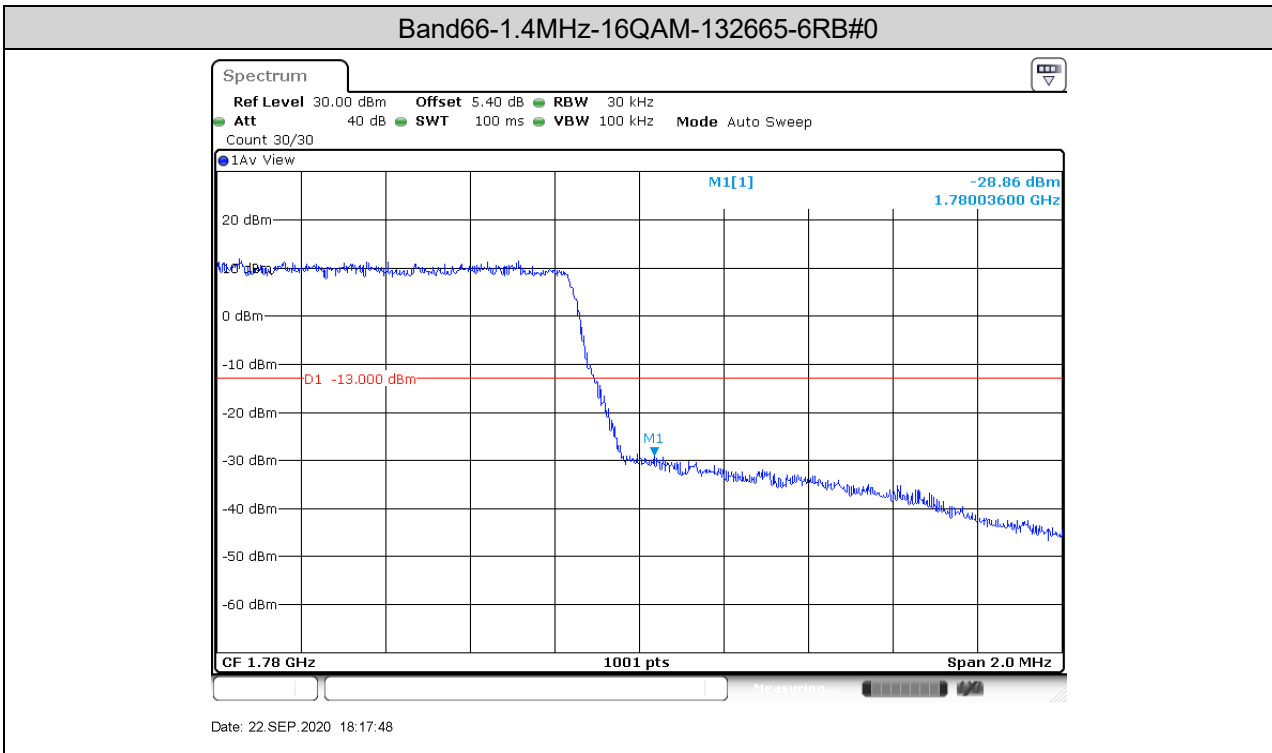
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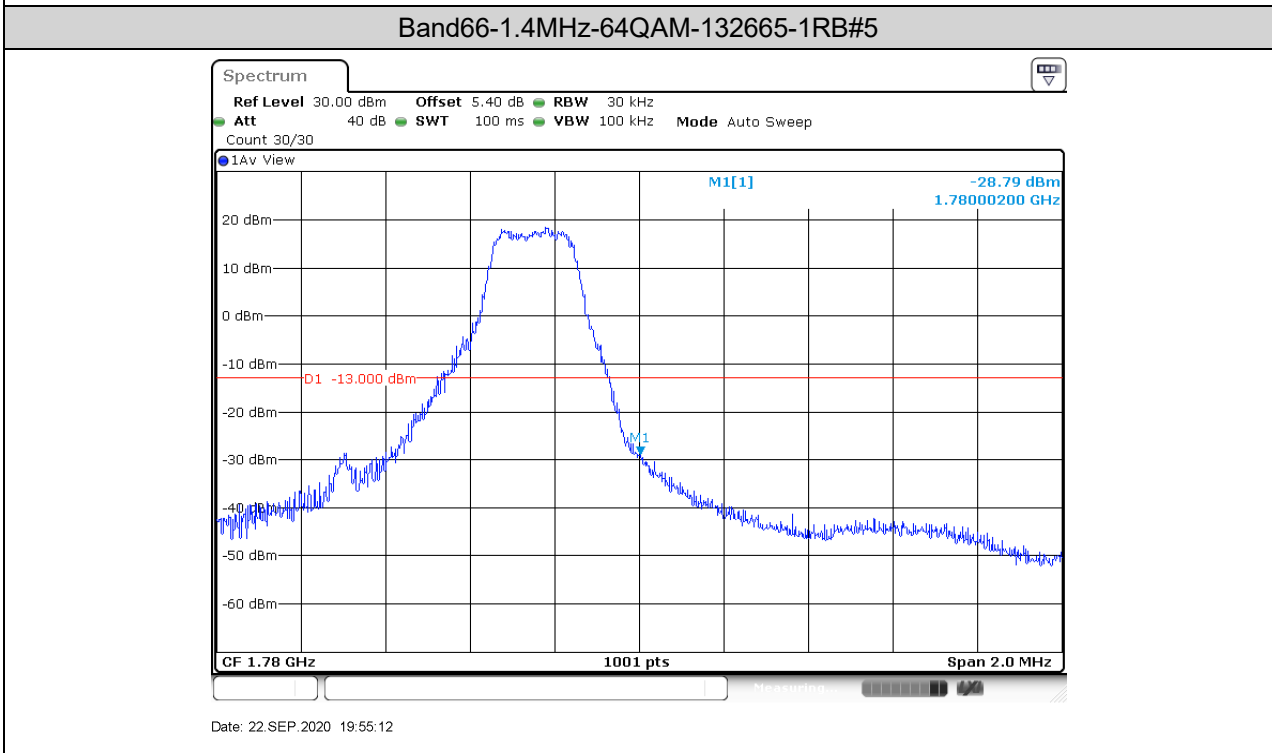
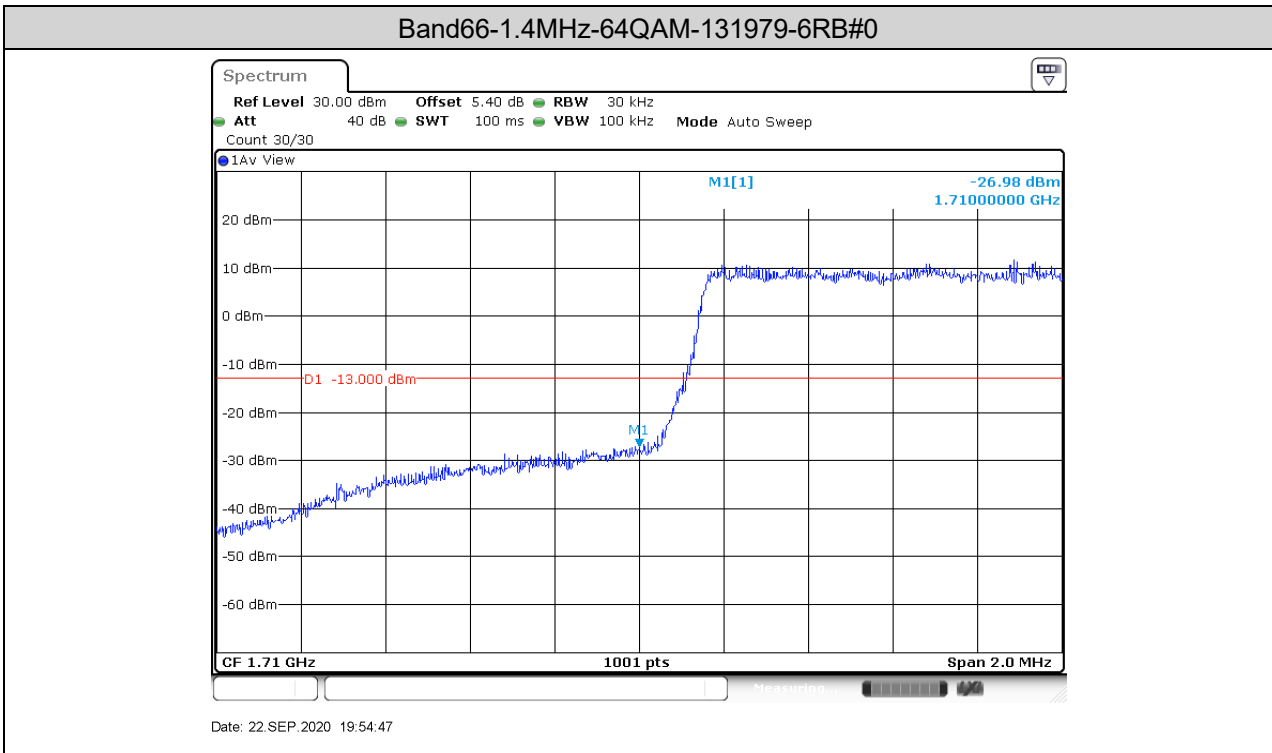
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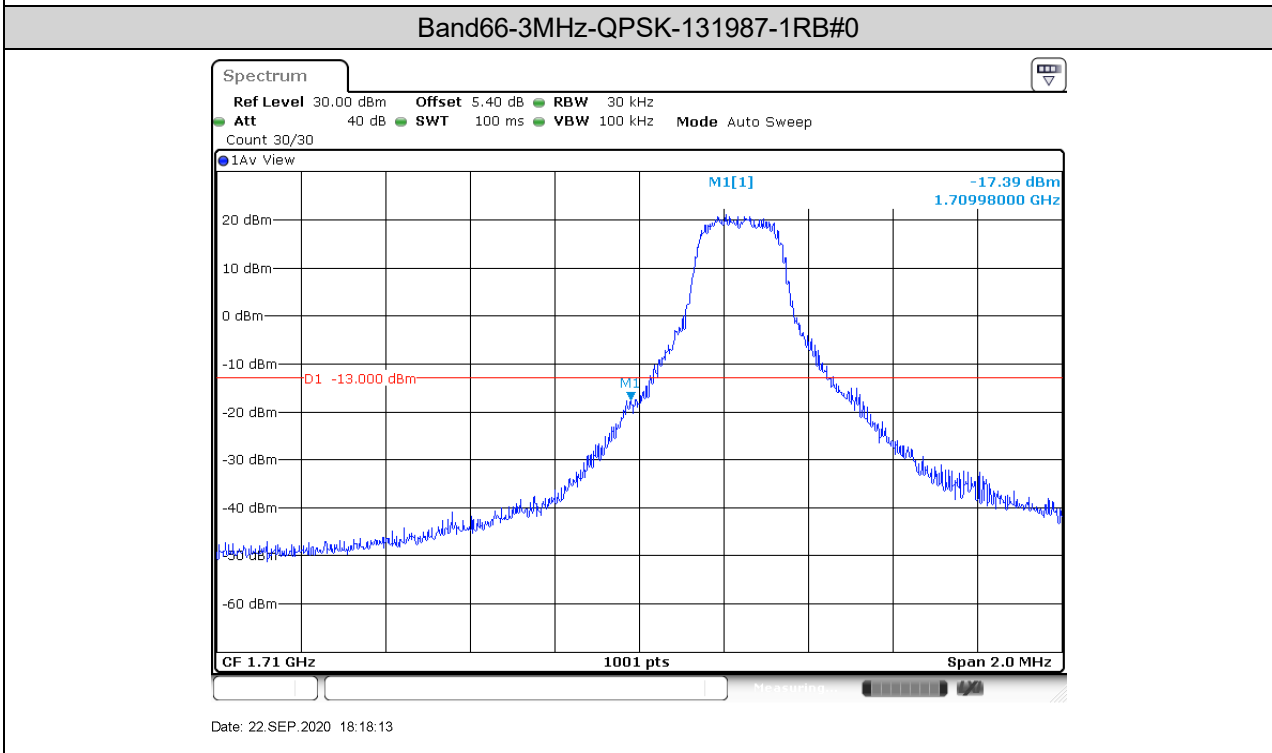
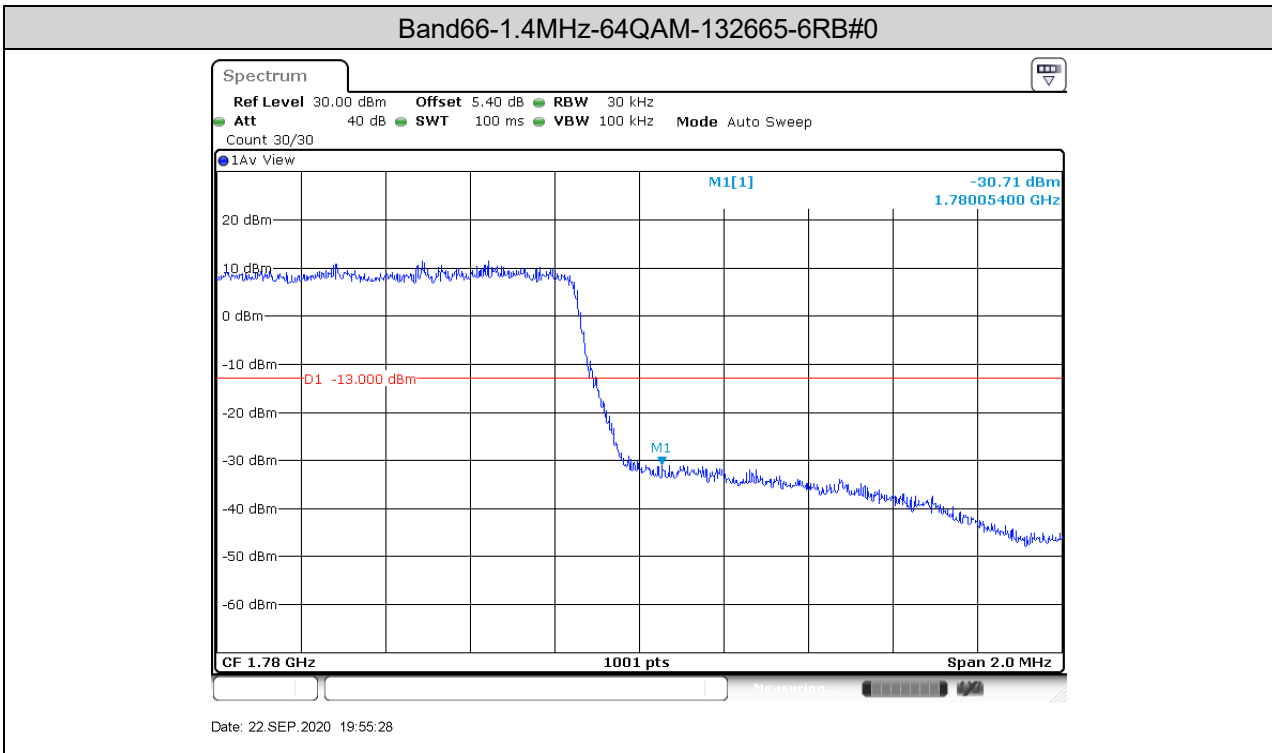
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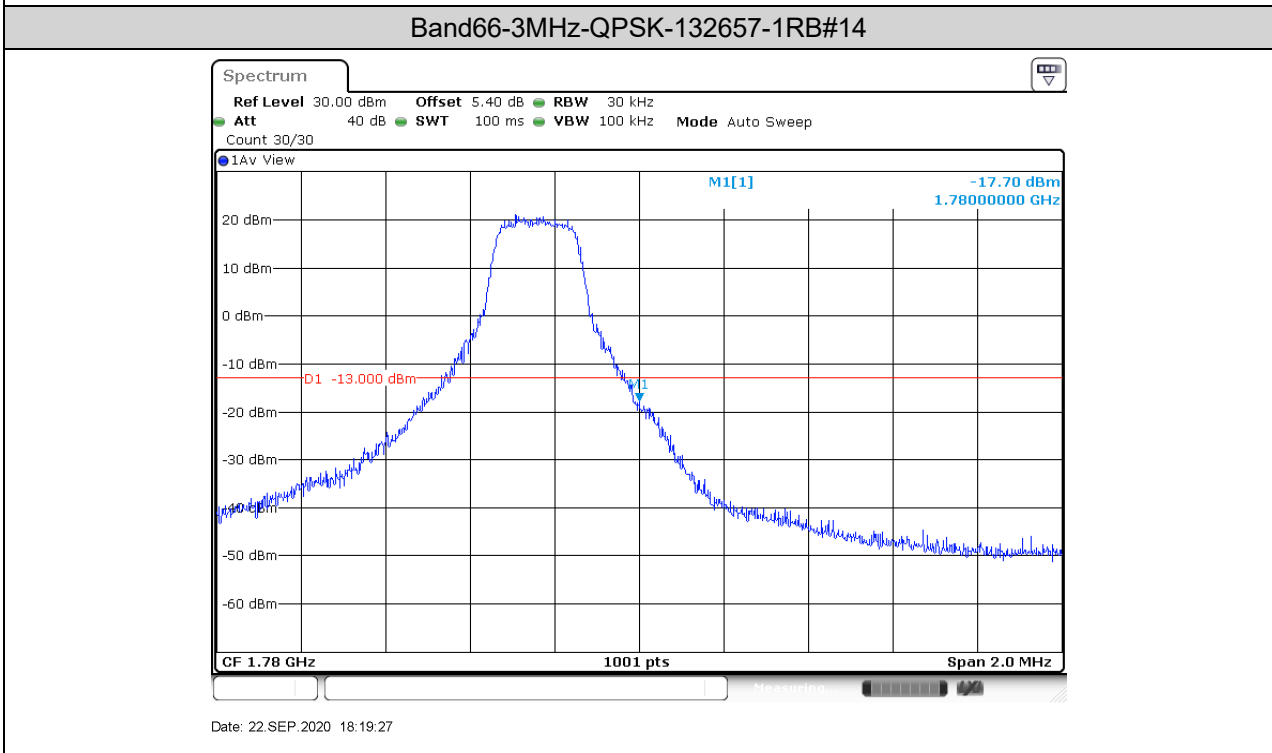
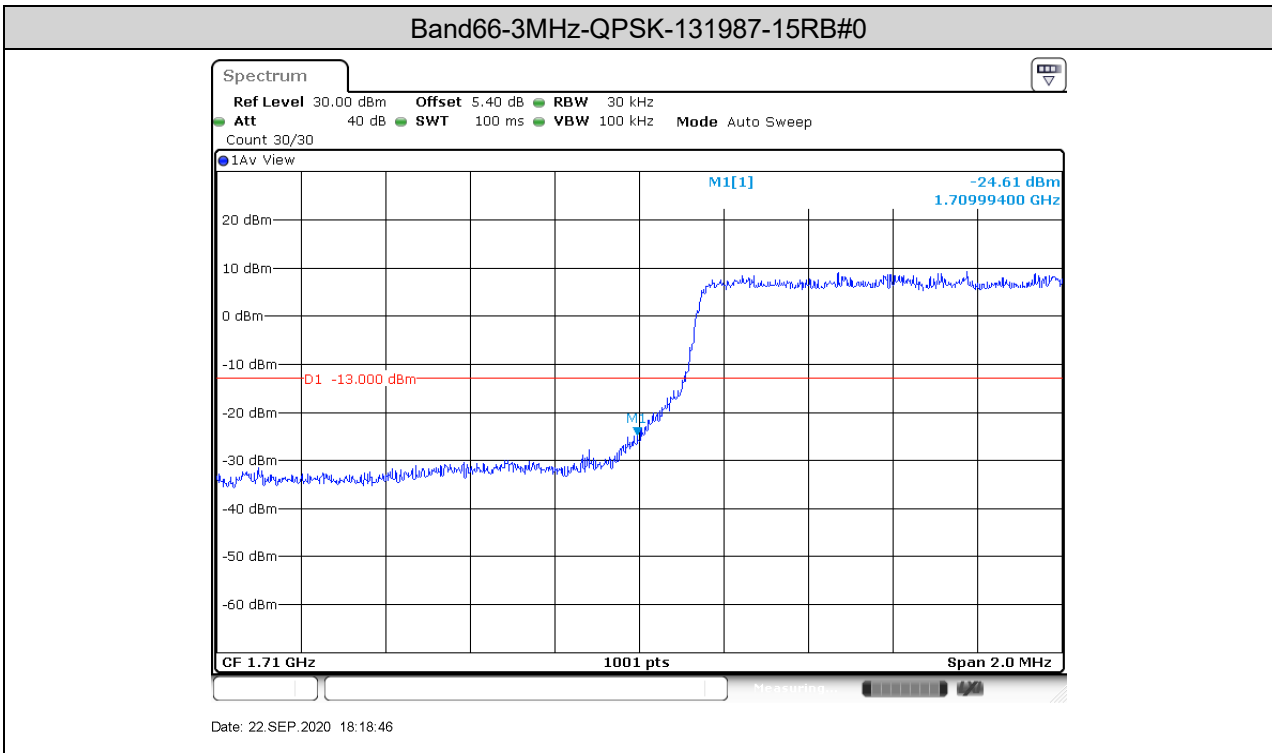
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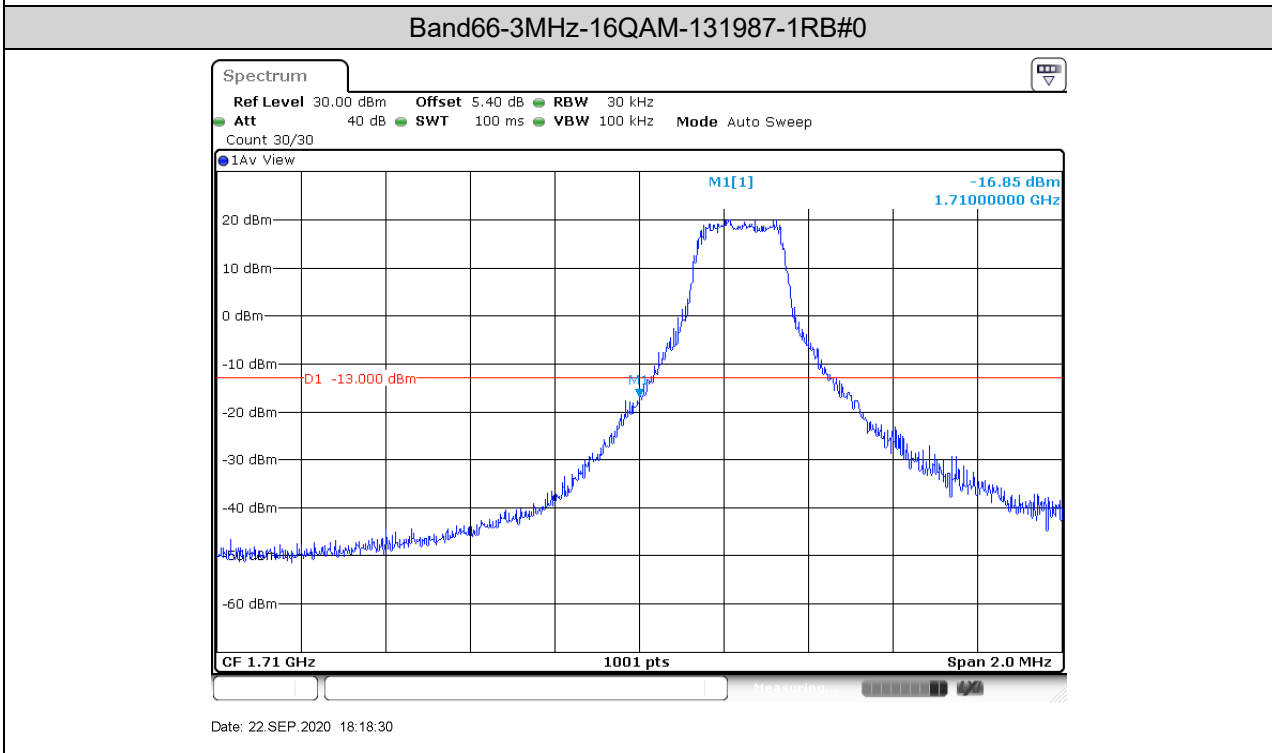
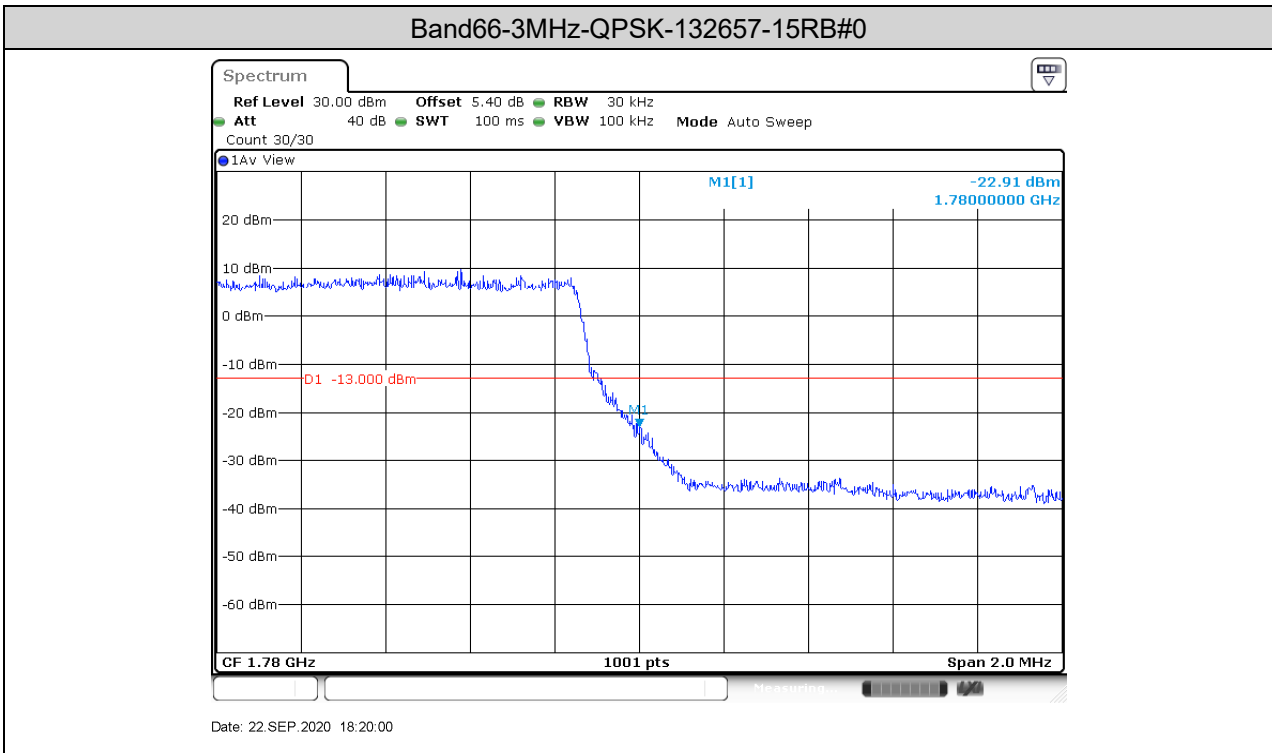
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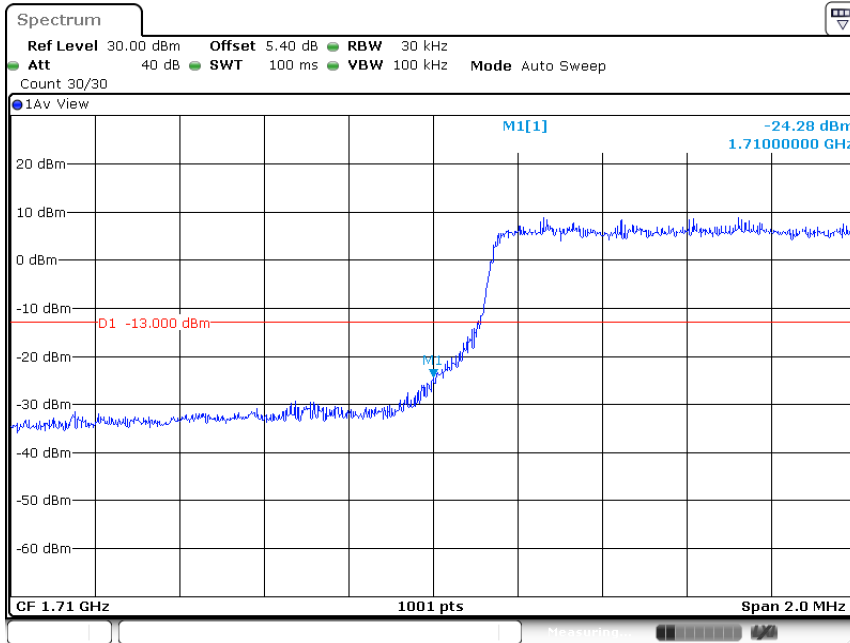


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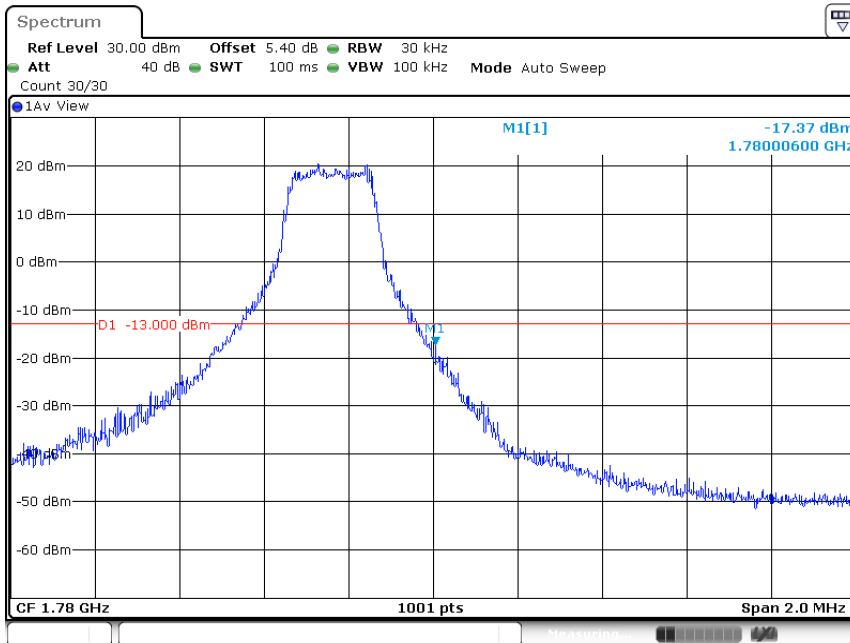
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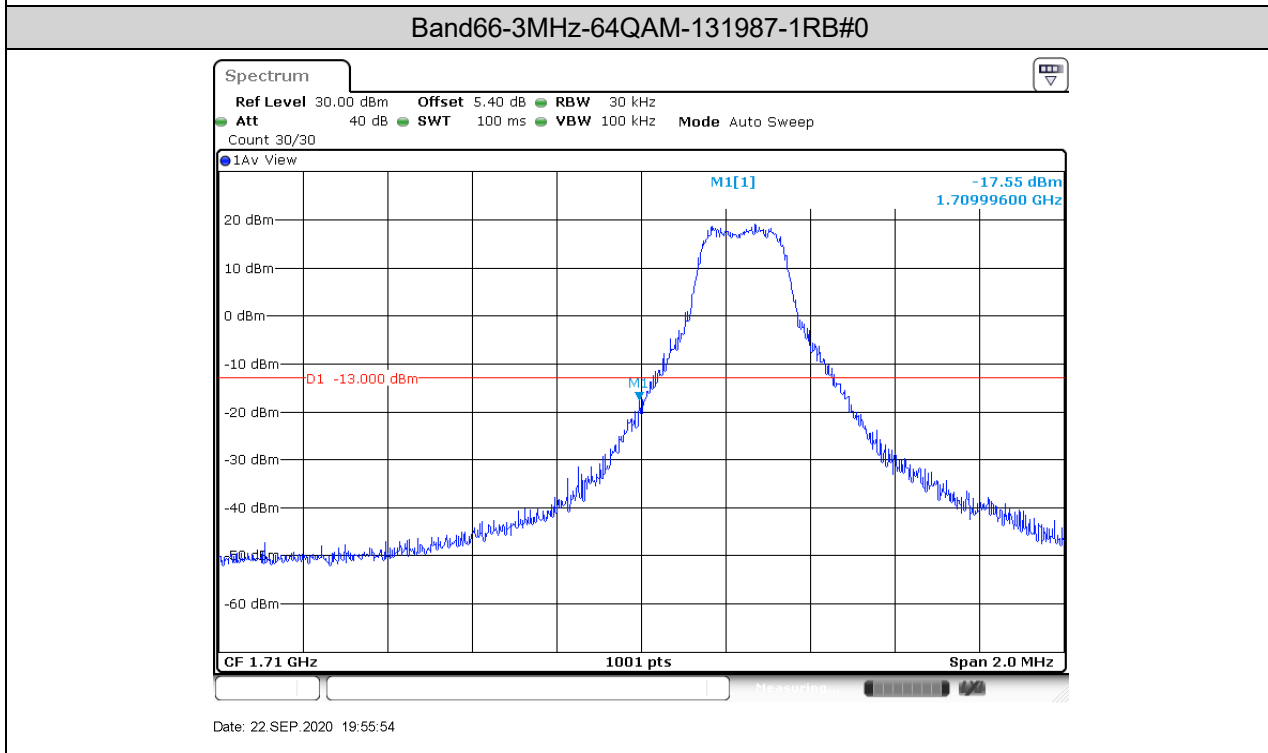
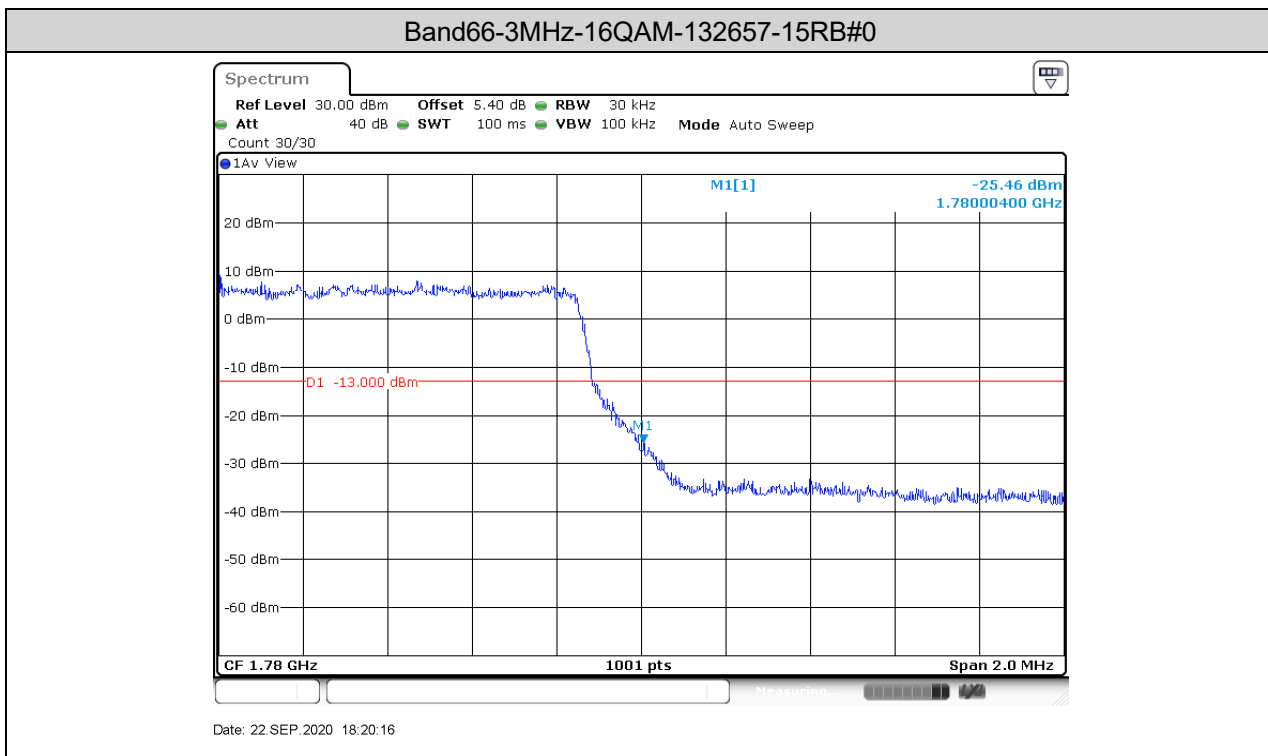
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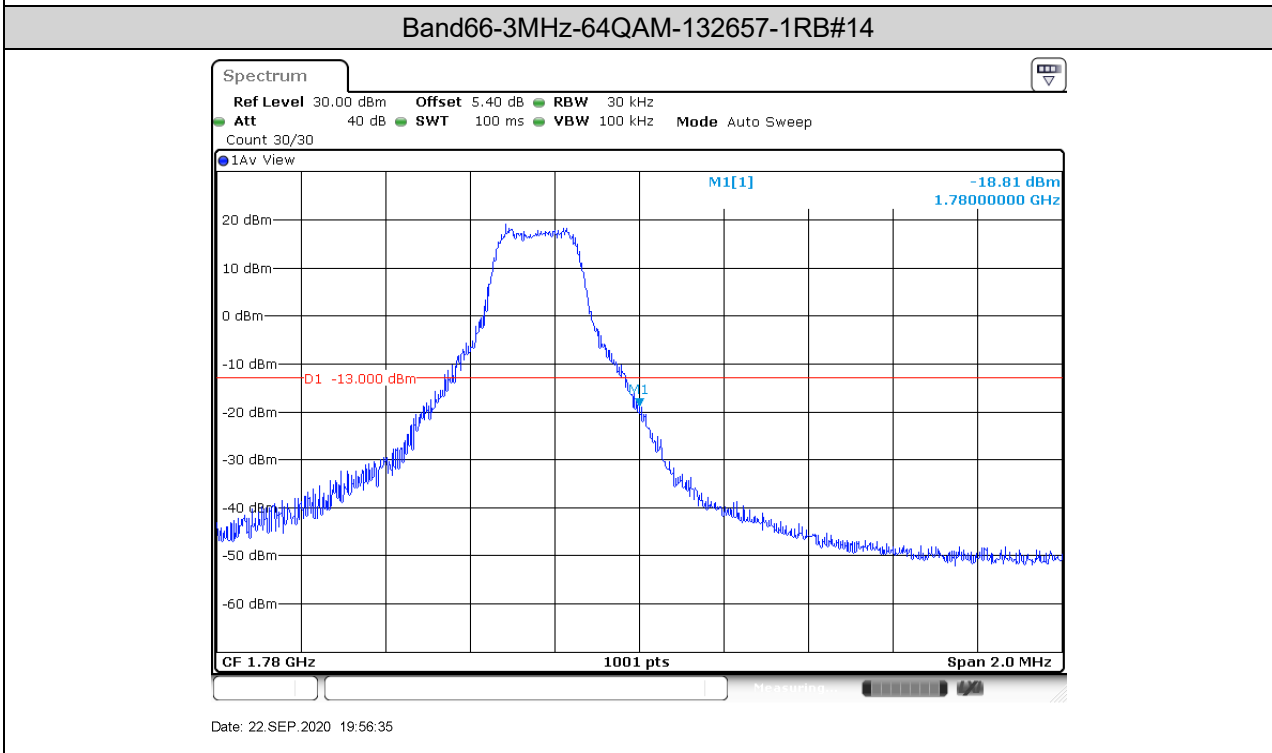
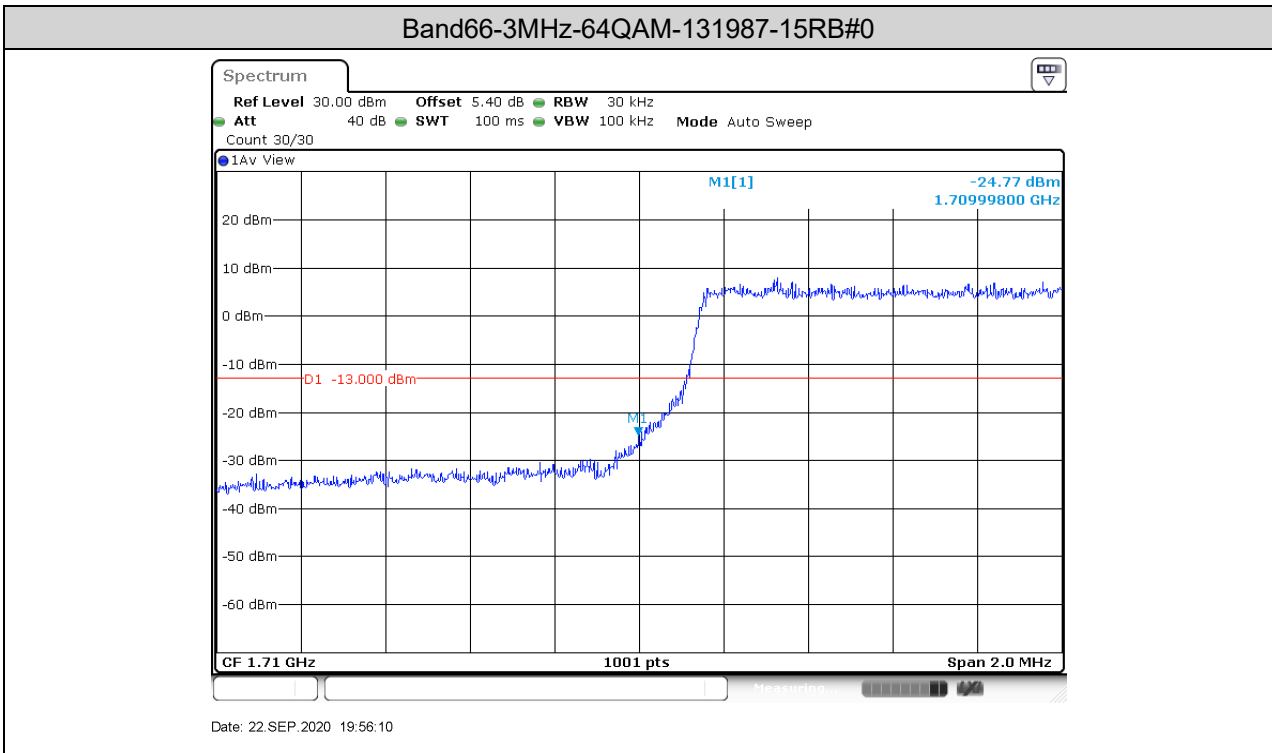


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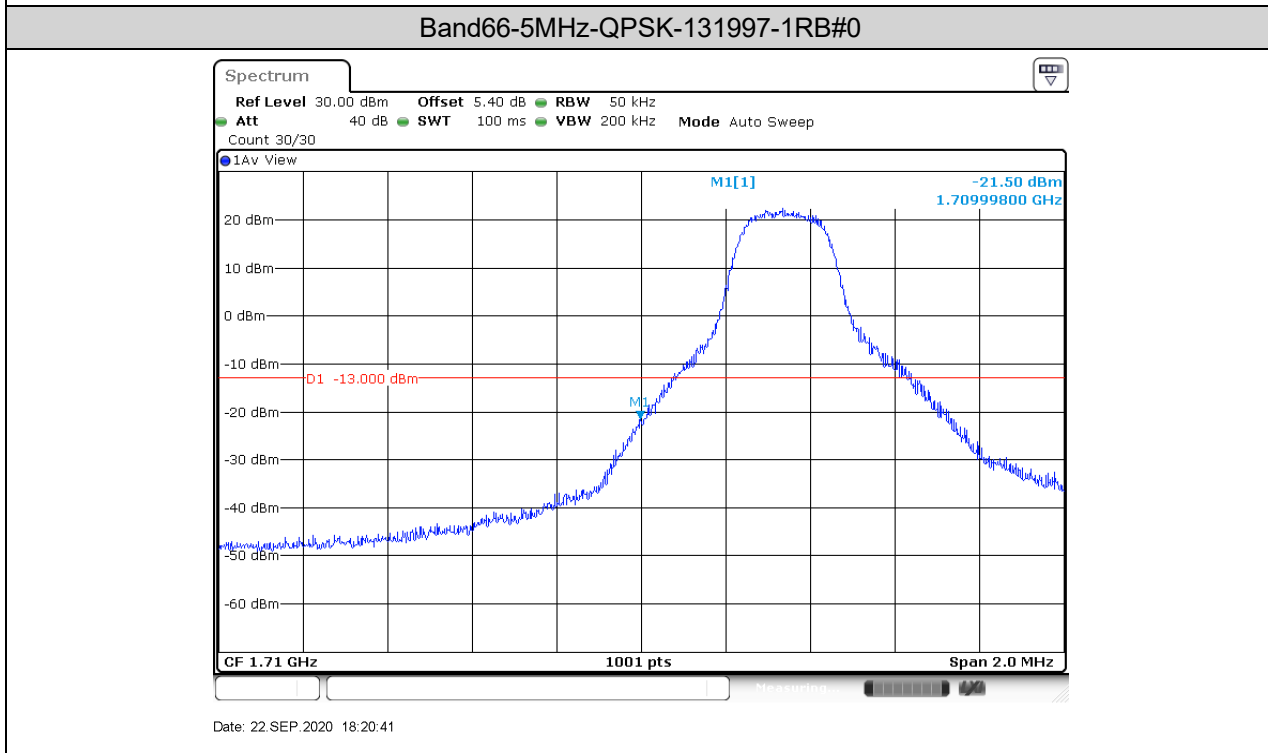
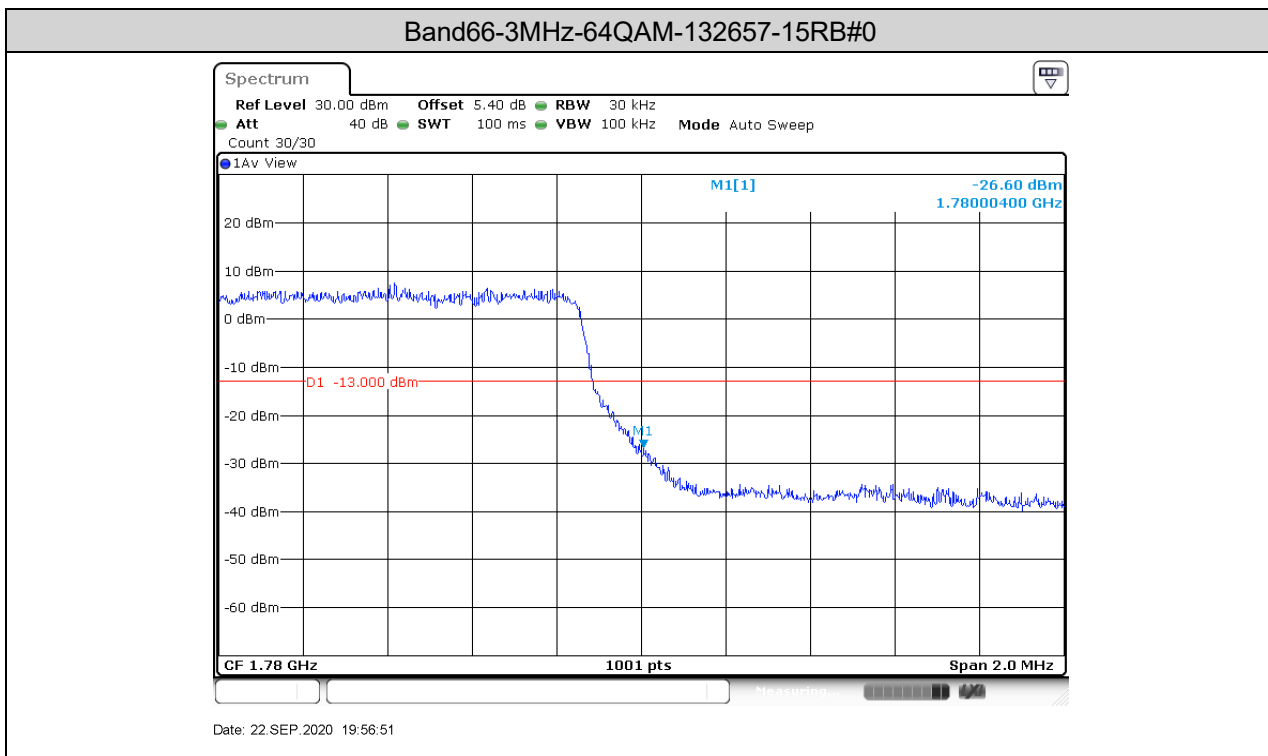
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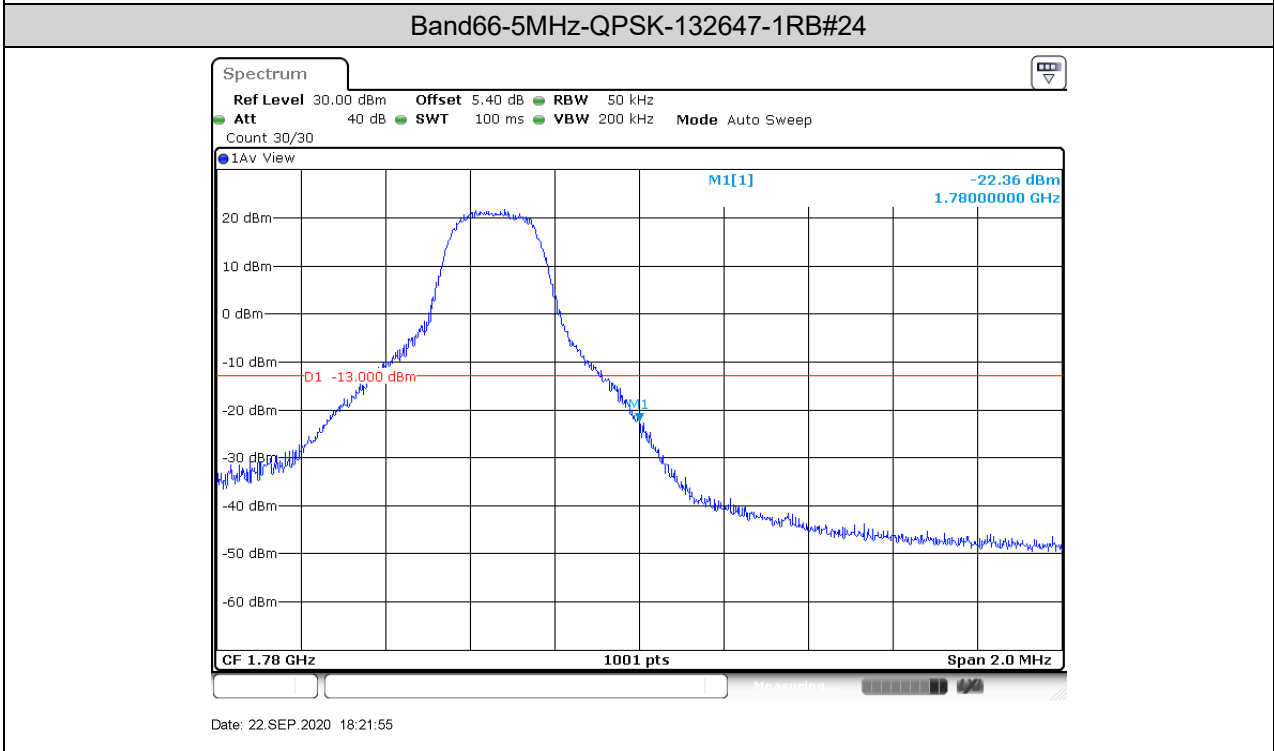
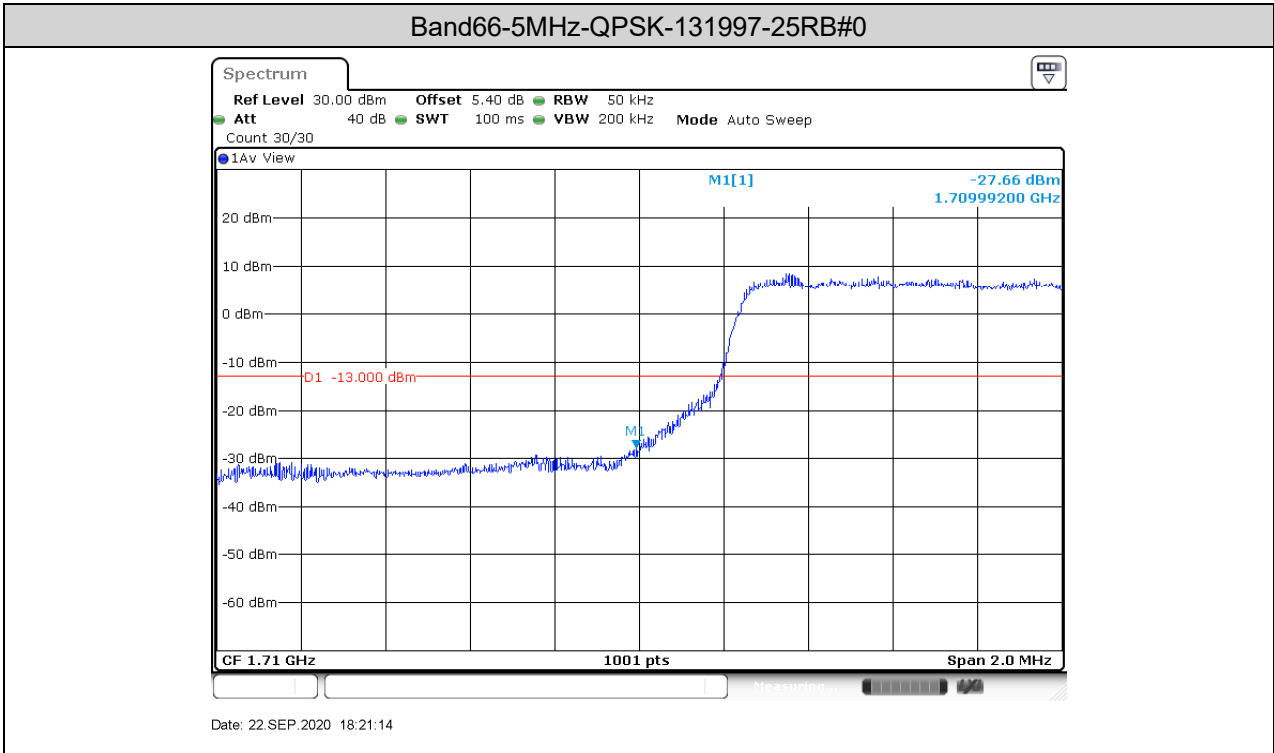
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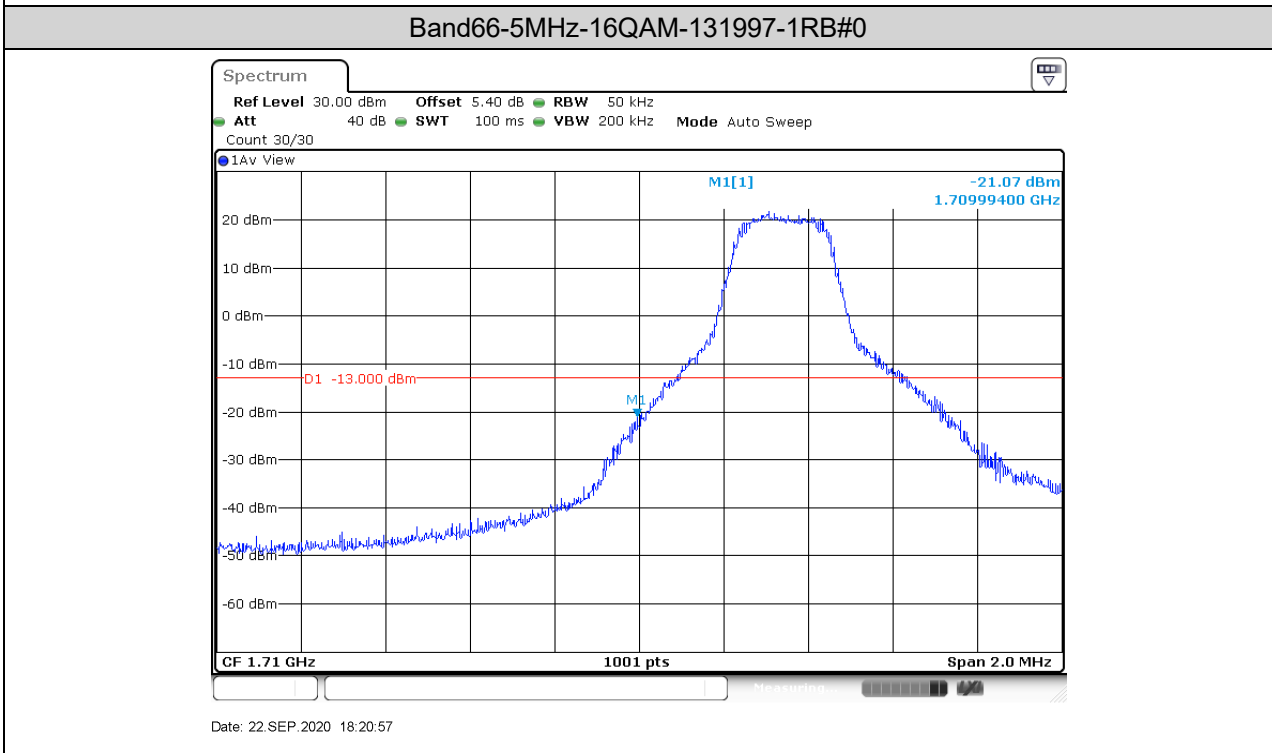
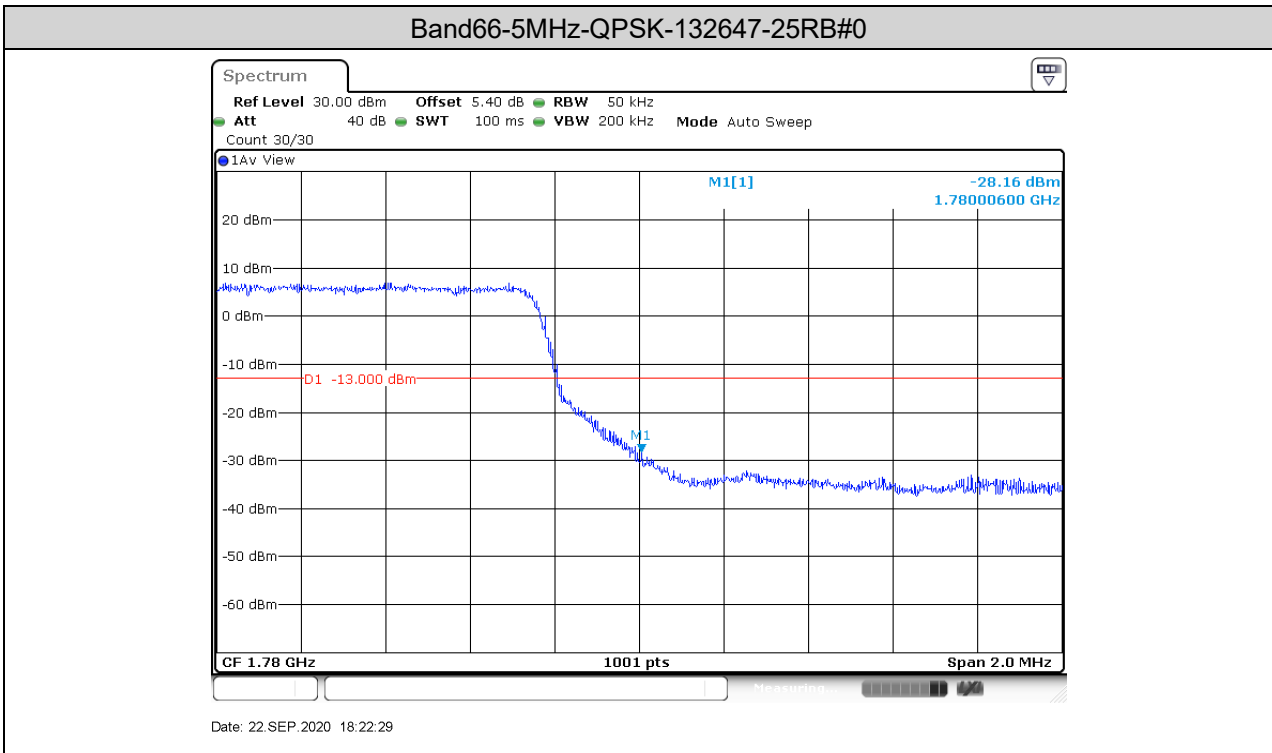
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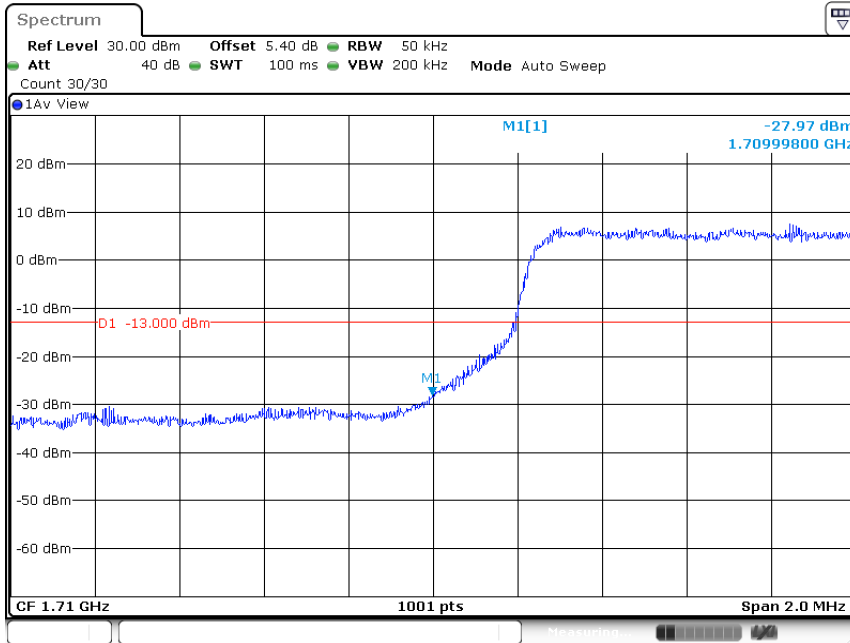
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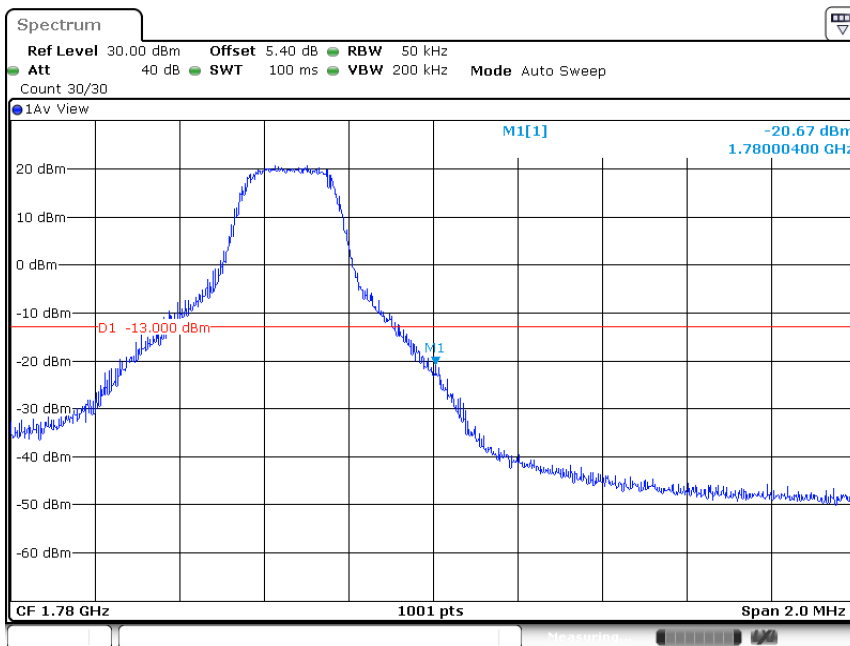
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Band66-5MHz-16QAM-131997-25RB#0



Date: 22.SEP.2020 18:21:30

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

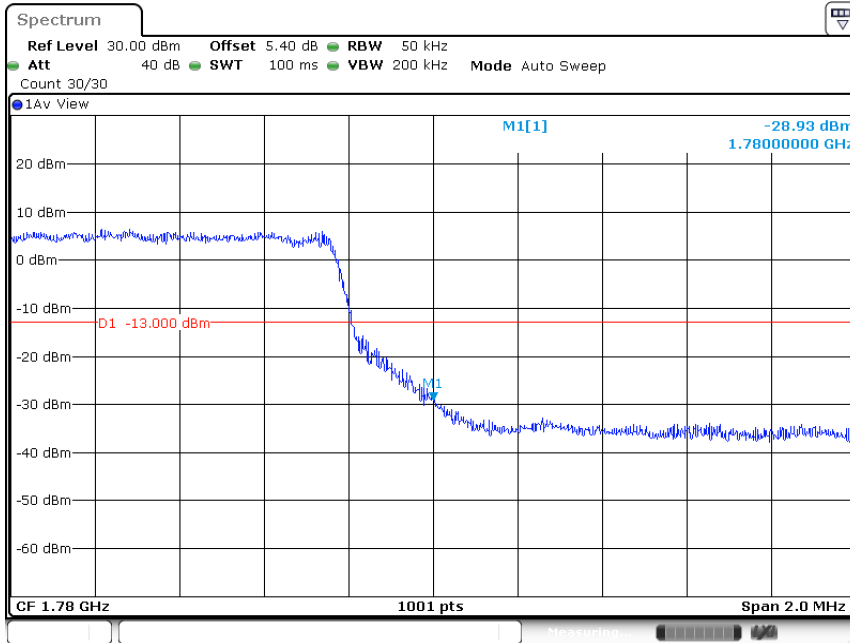


Date: 22.SEP.2020 18:22:13



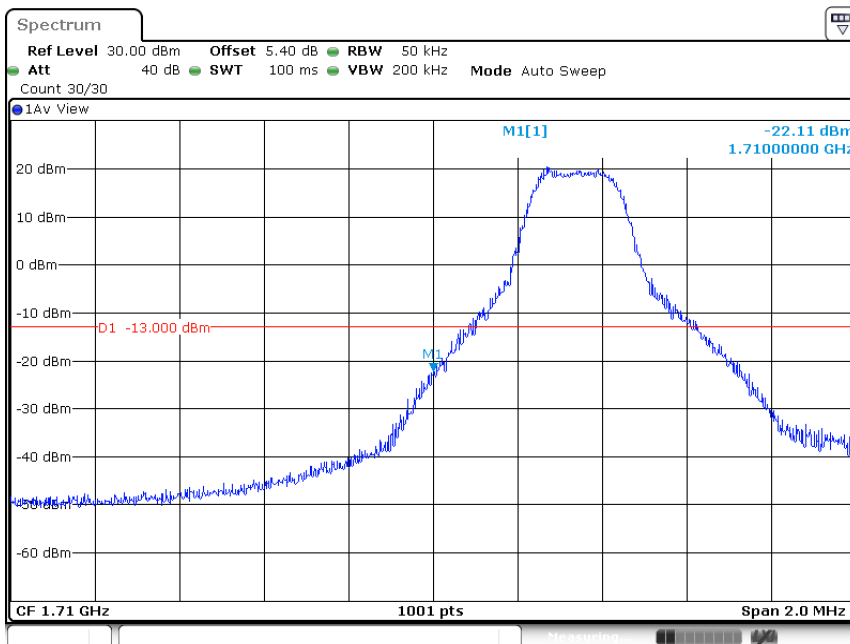
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Band66-5MHz-16QAM-132647-25RB#0



Date: 22.SEP.2020 18:22:46

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

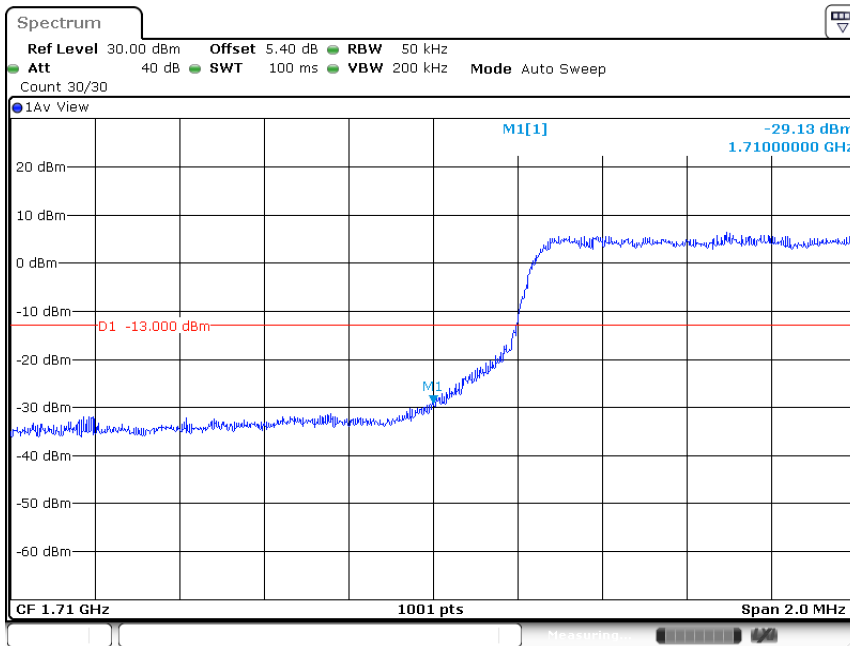


Date: 22.SEP.2020 19:57:16



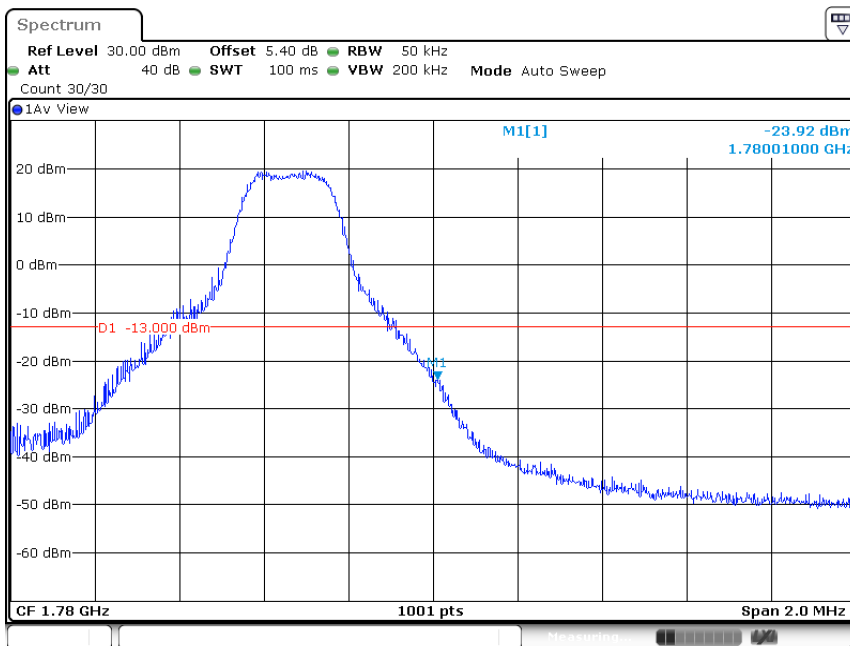
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Band66-5MHz-64QAM-131997-25RB#0



Date: 22.SEP.2020 19:57:33

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

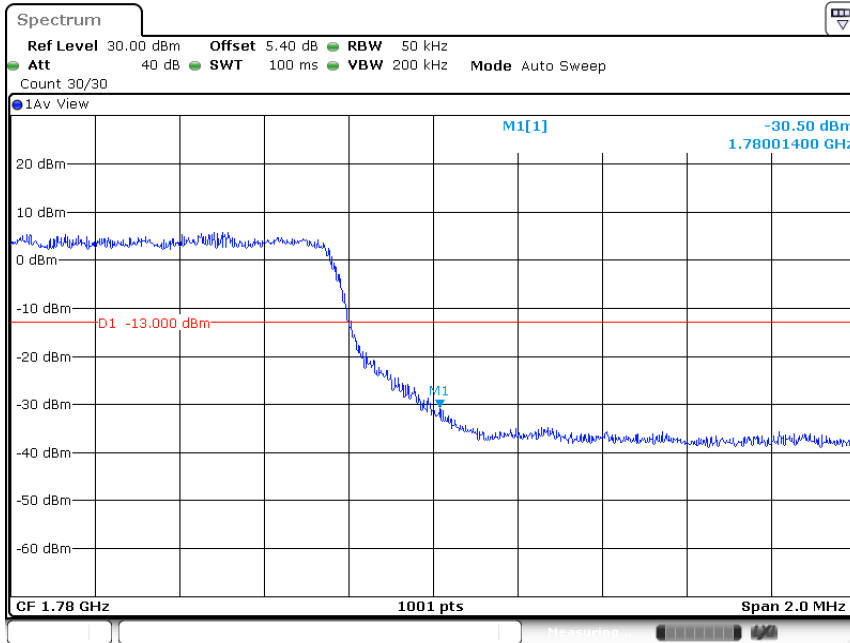


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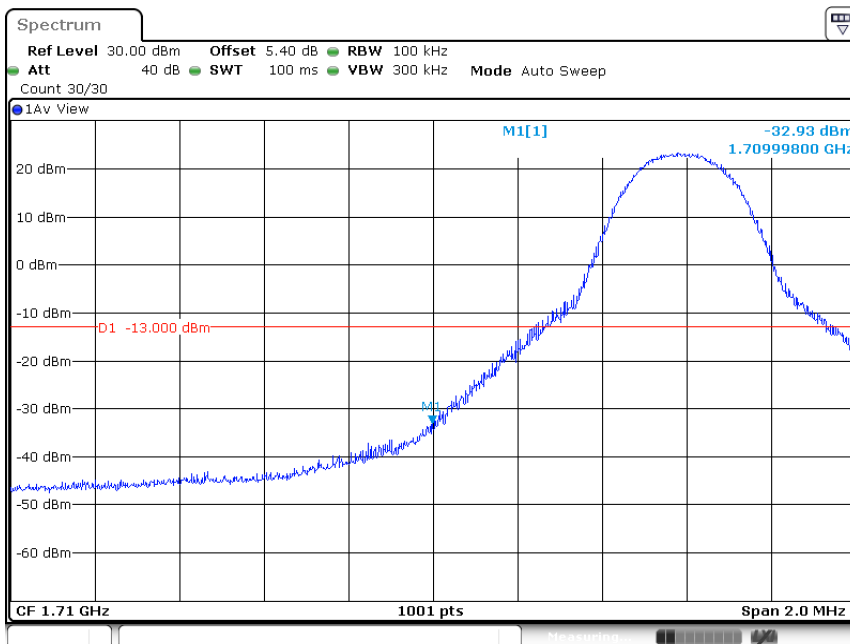
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Band66-5MHz-64QAM-132647-25RB#0



Date: 22.SEP.2020 19:58:14

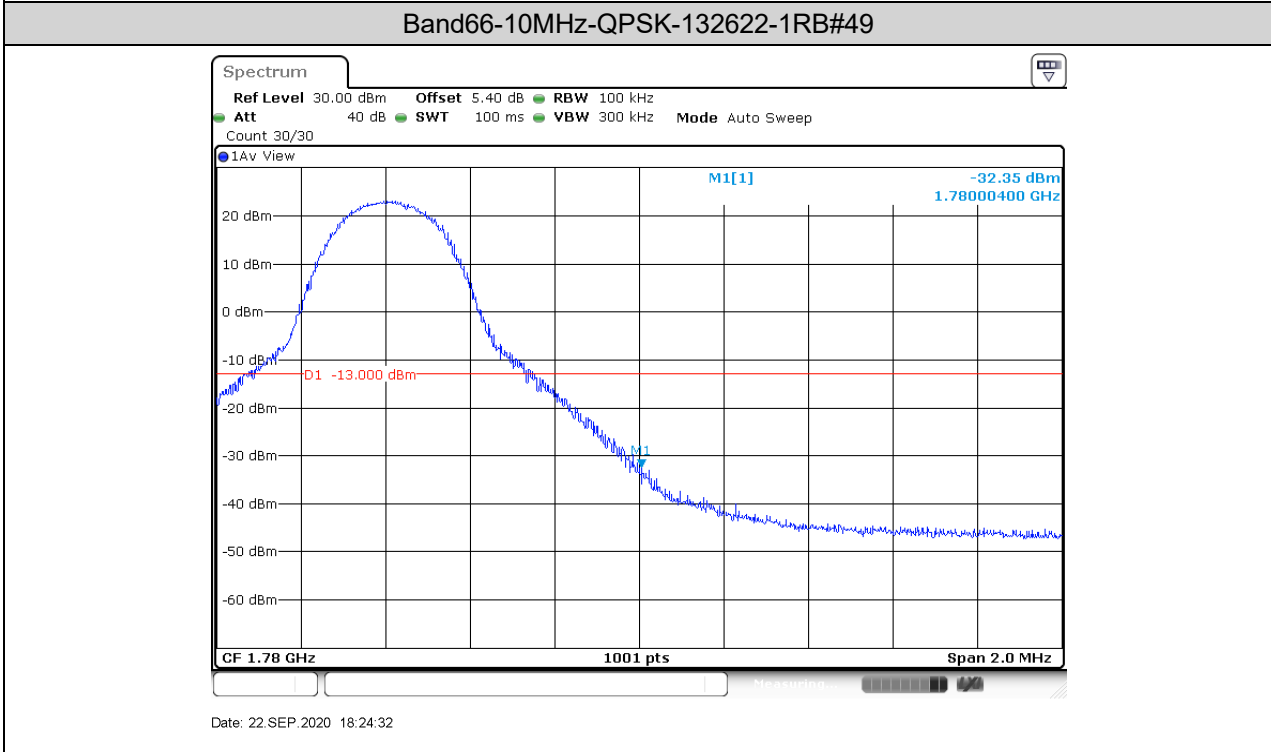
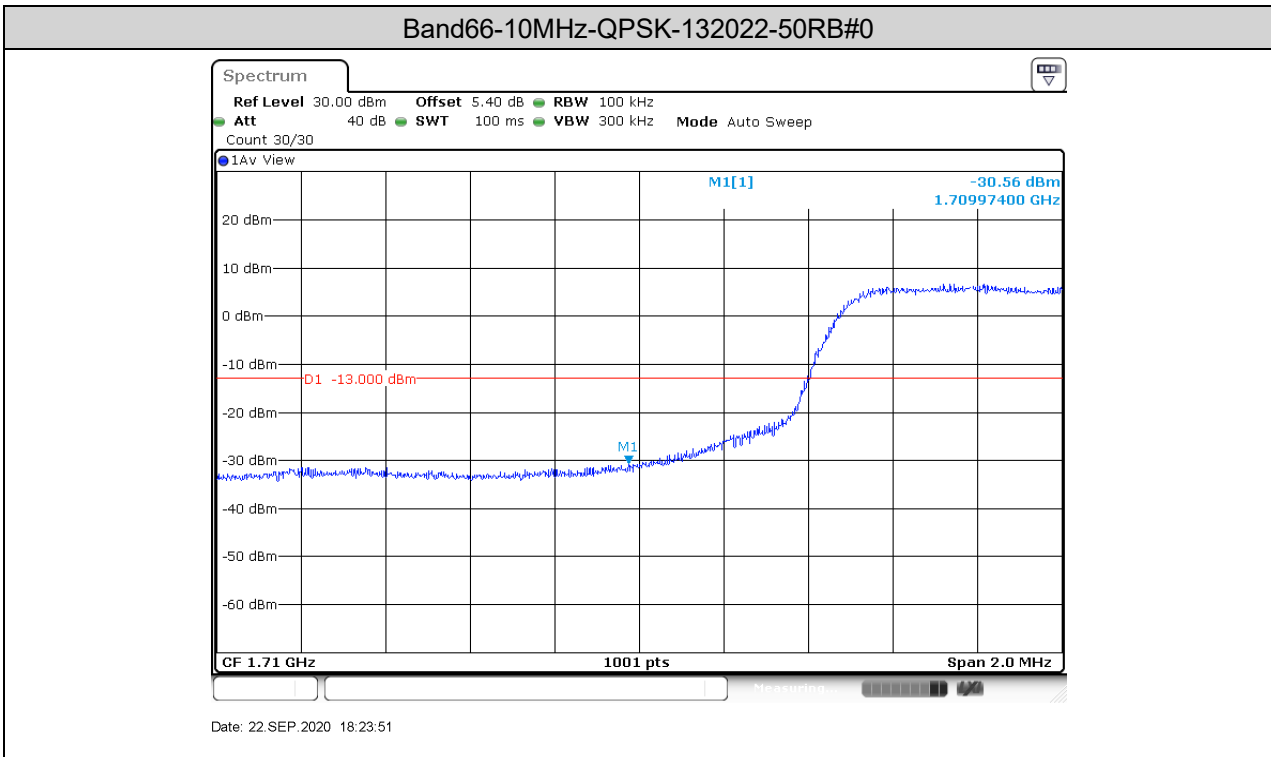
Band66-10MHz-QPSK-132022-1RB#0



Date: 22.SEP.2020 18:23:18

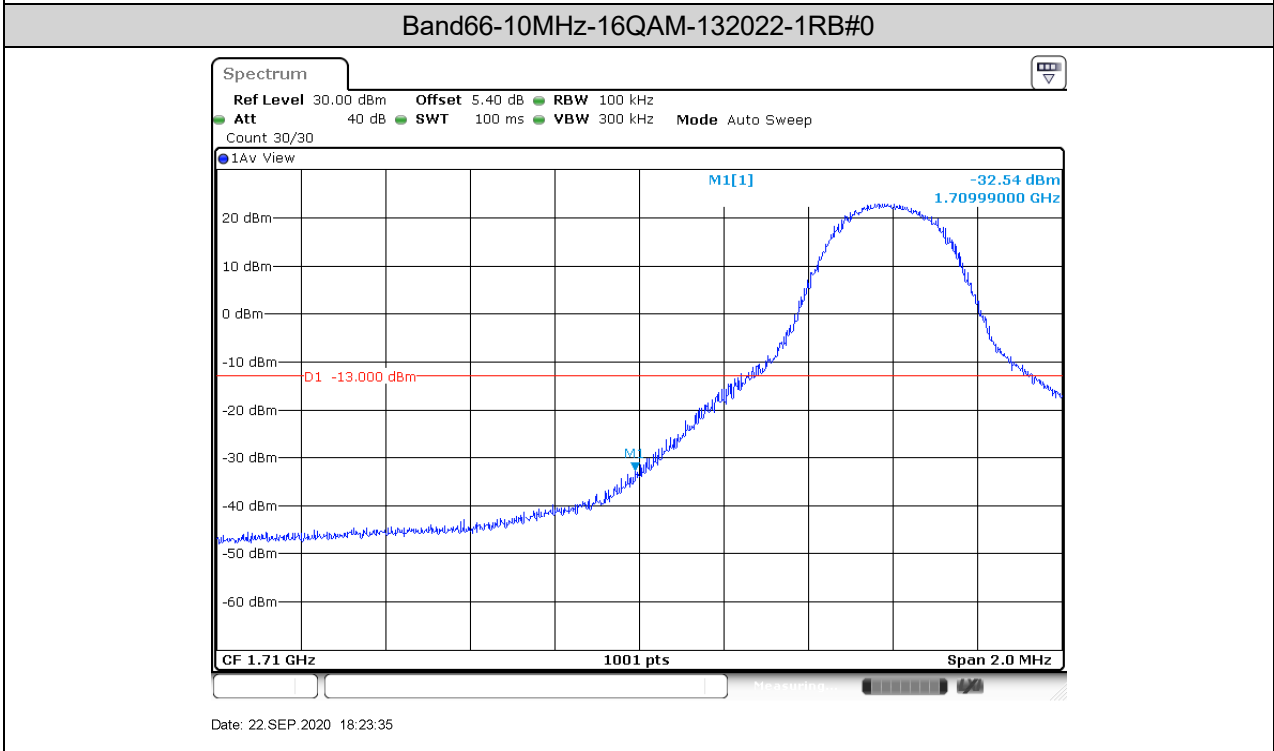
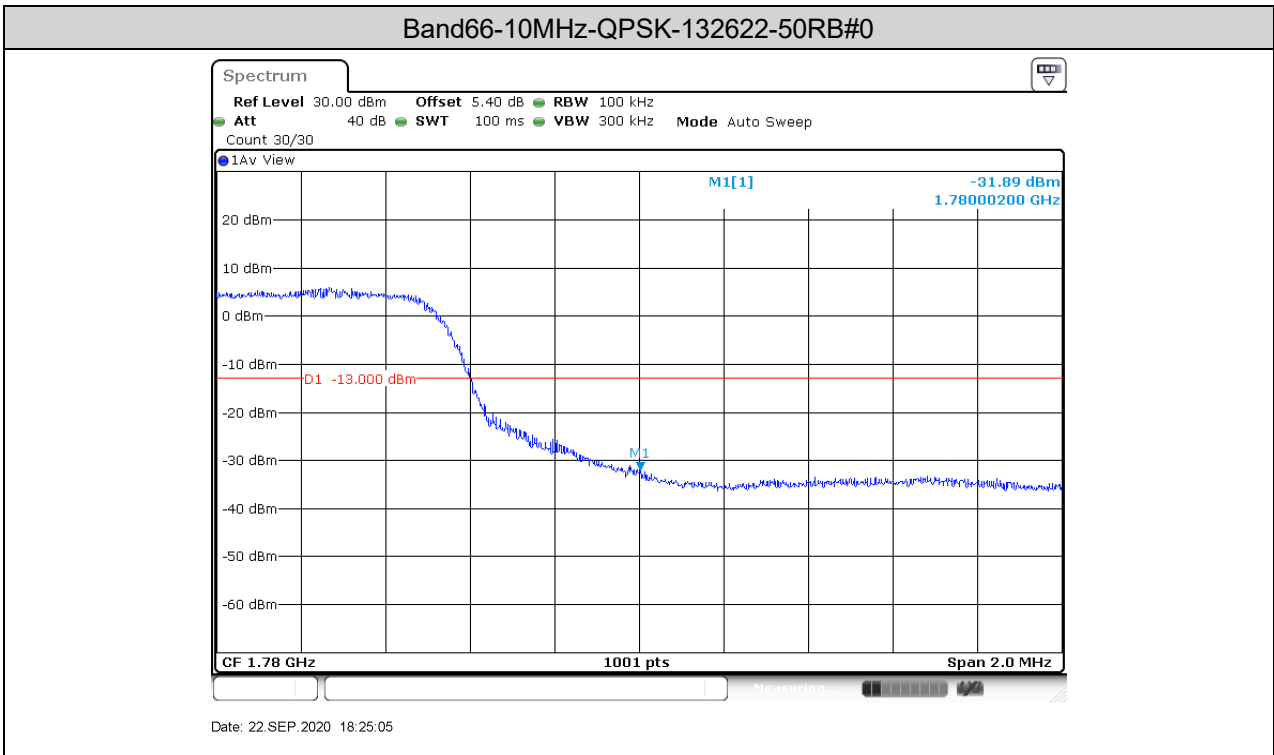


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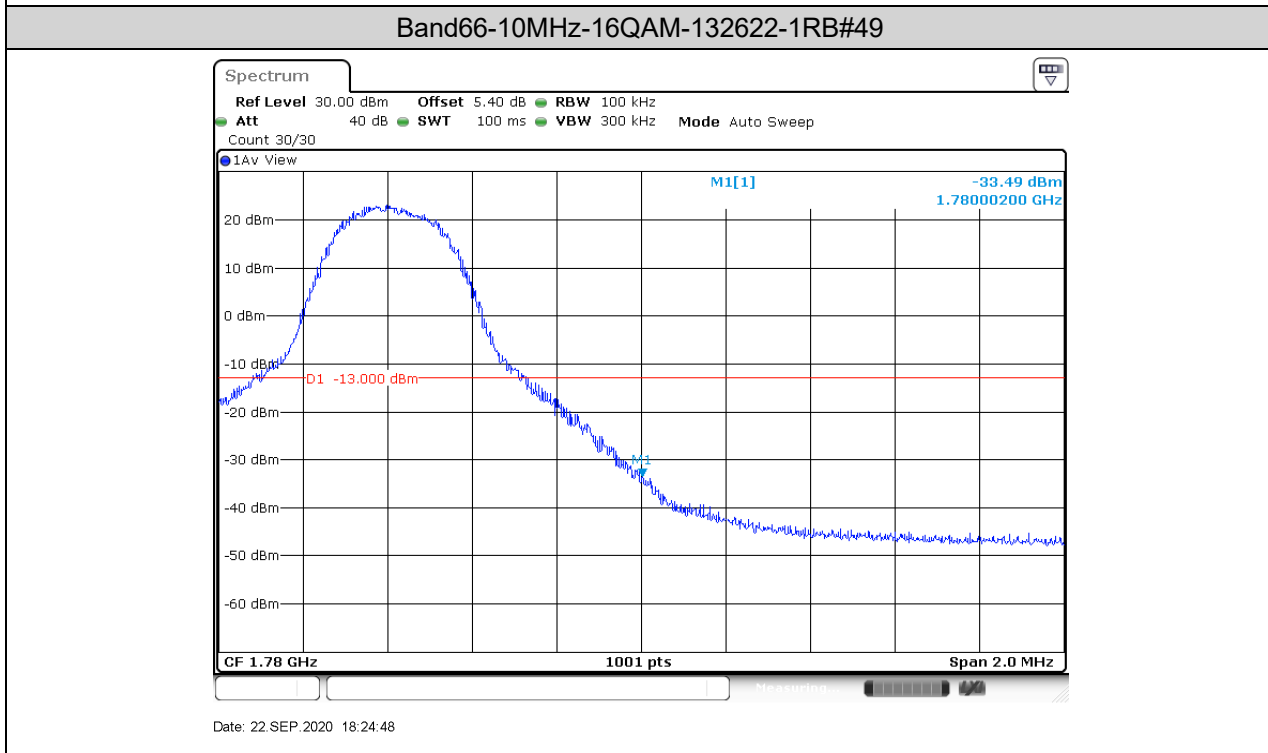
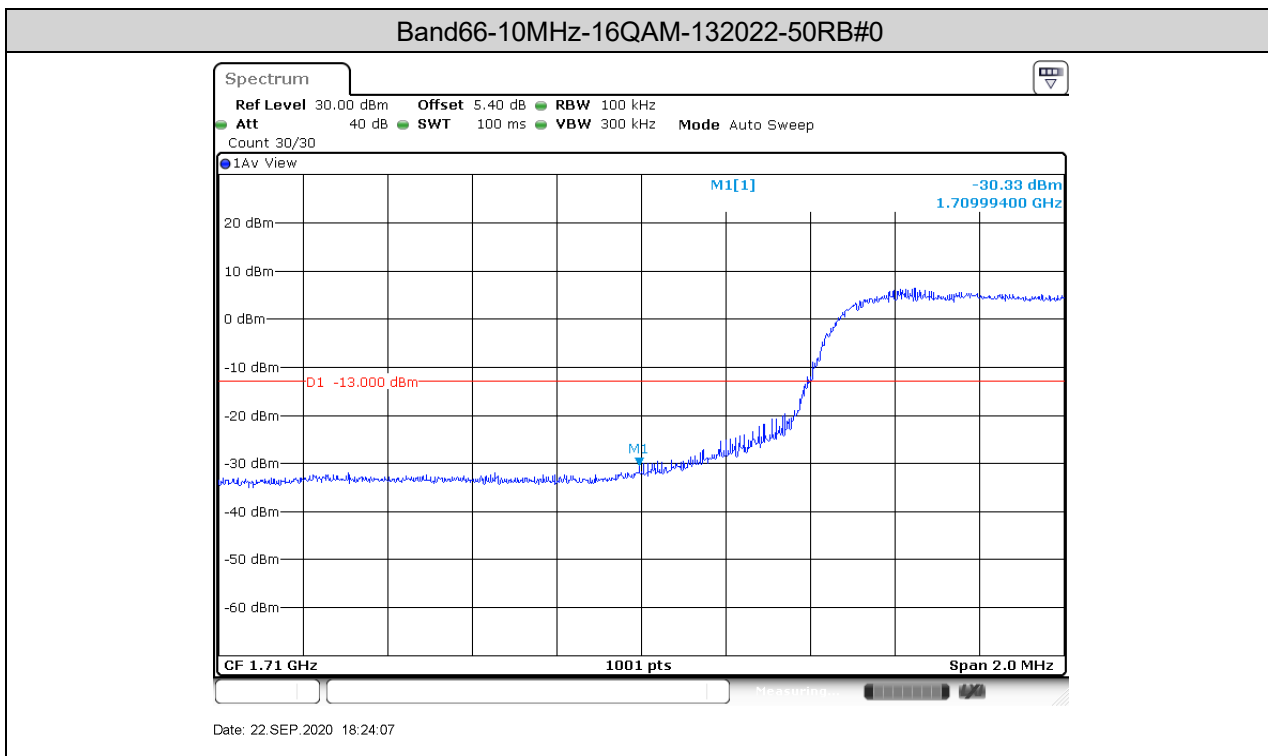
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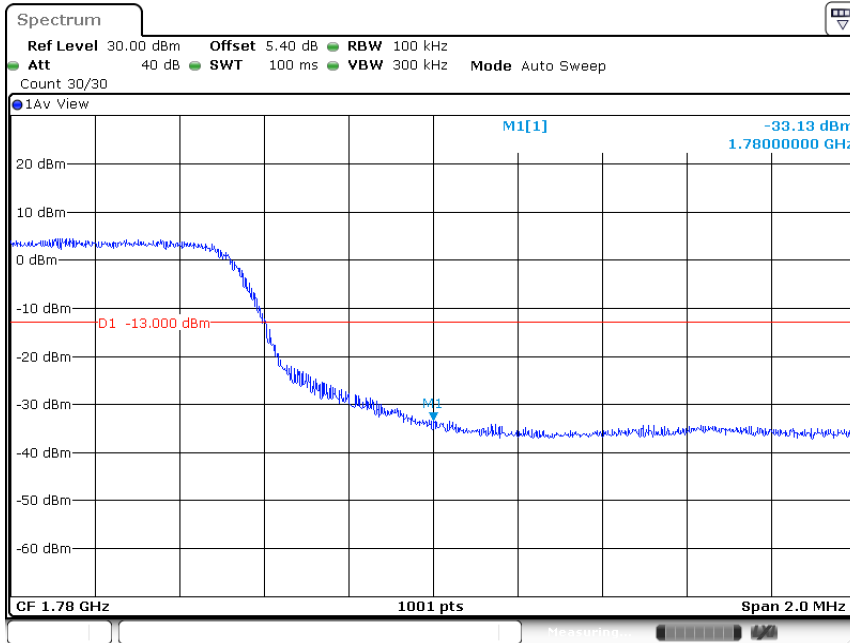
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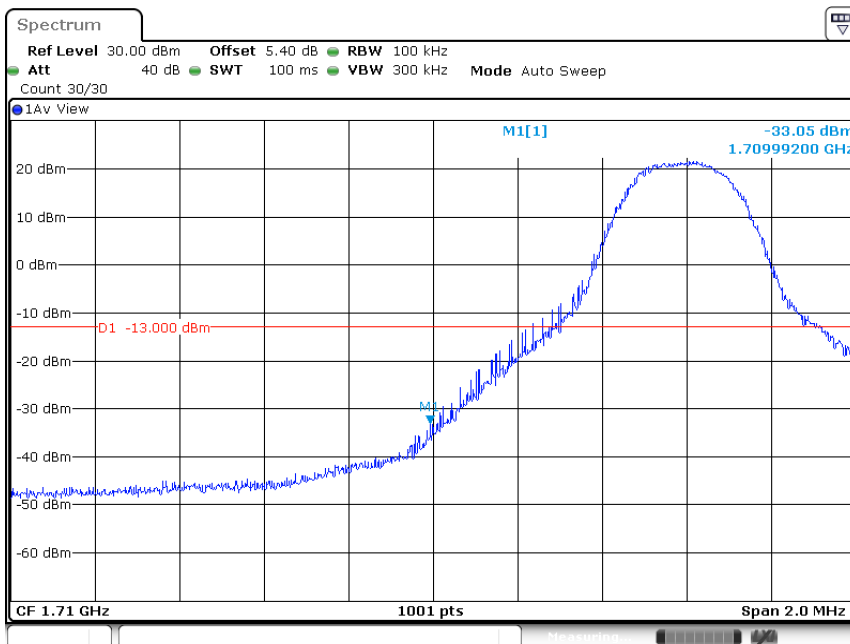
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Band66-10MHz-16QAM-132622-50RB#0



Date: 22.SEP.2020 18:25:21

Band66-10MHz-64QAM-132022-1RB#0

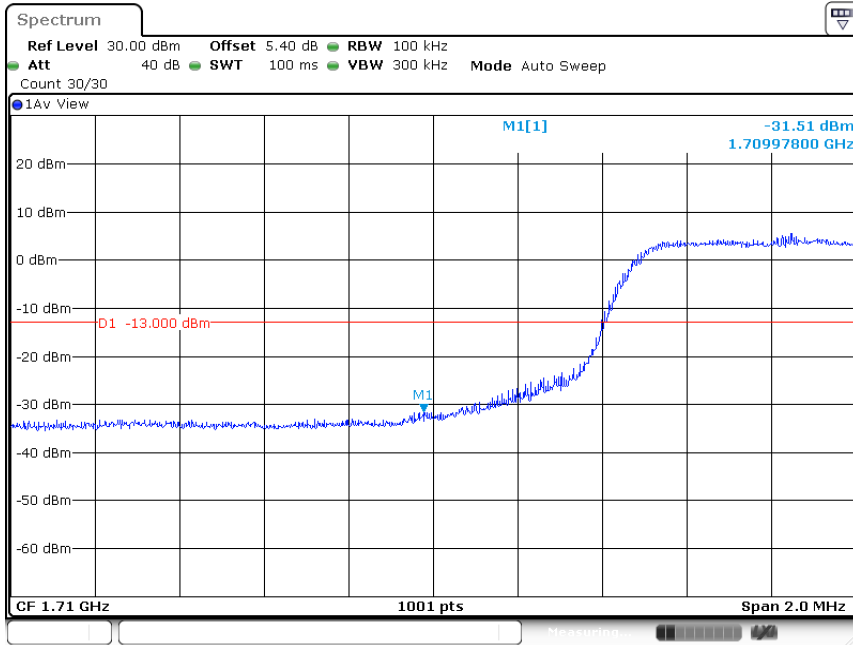


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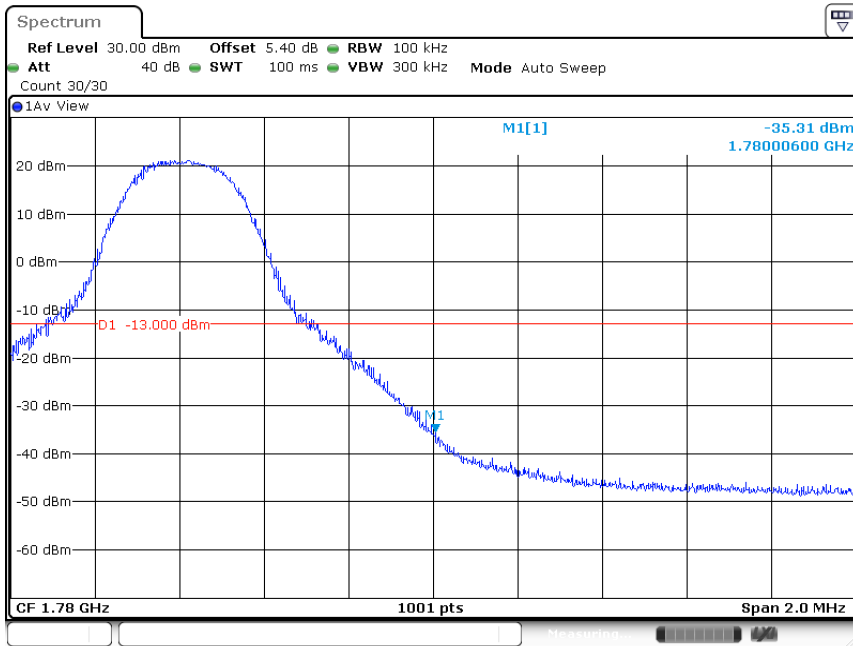
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Band66-10MHz-64QAM-132022-50RB#0



Date: 22.SEP.2020 19:58:55

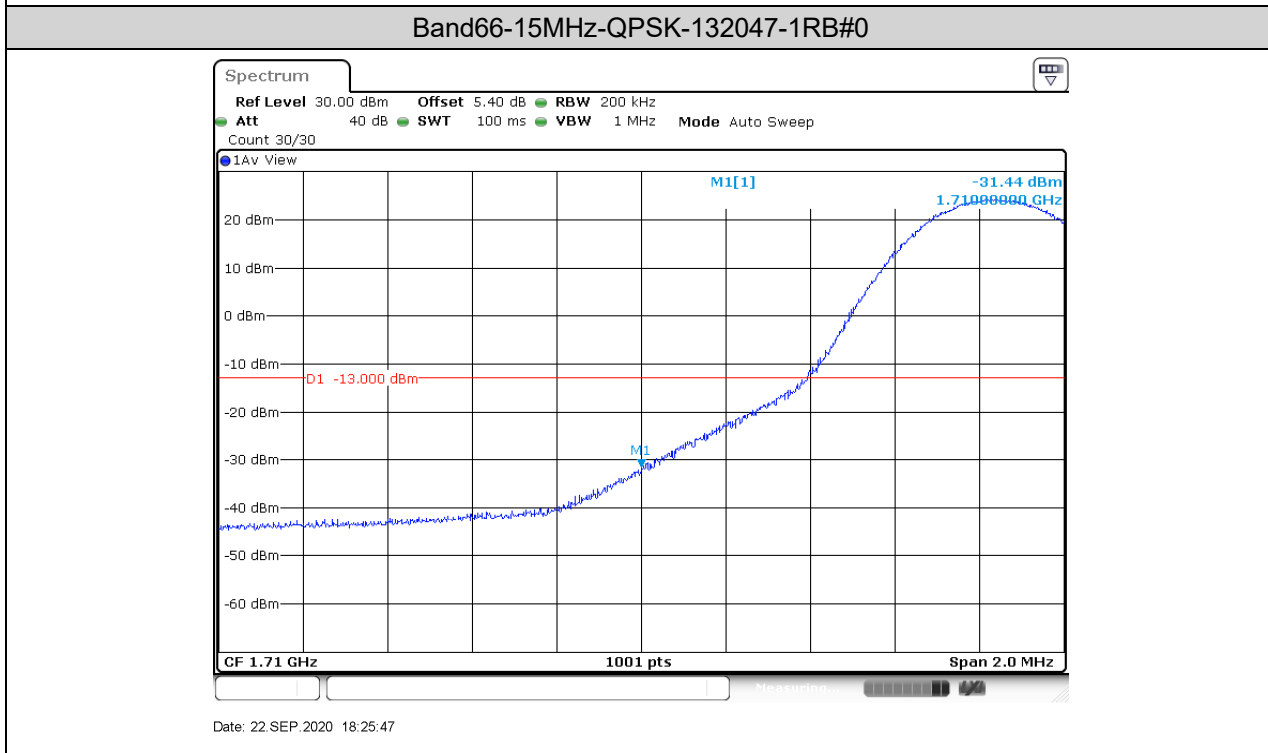
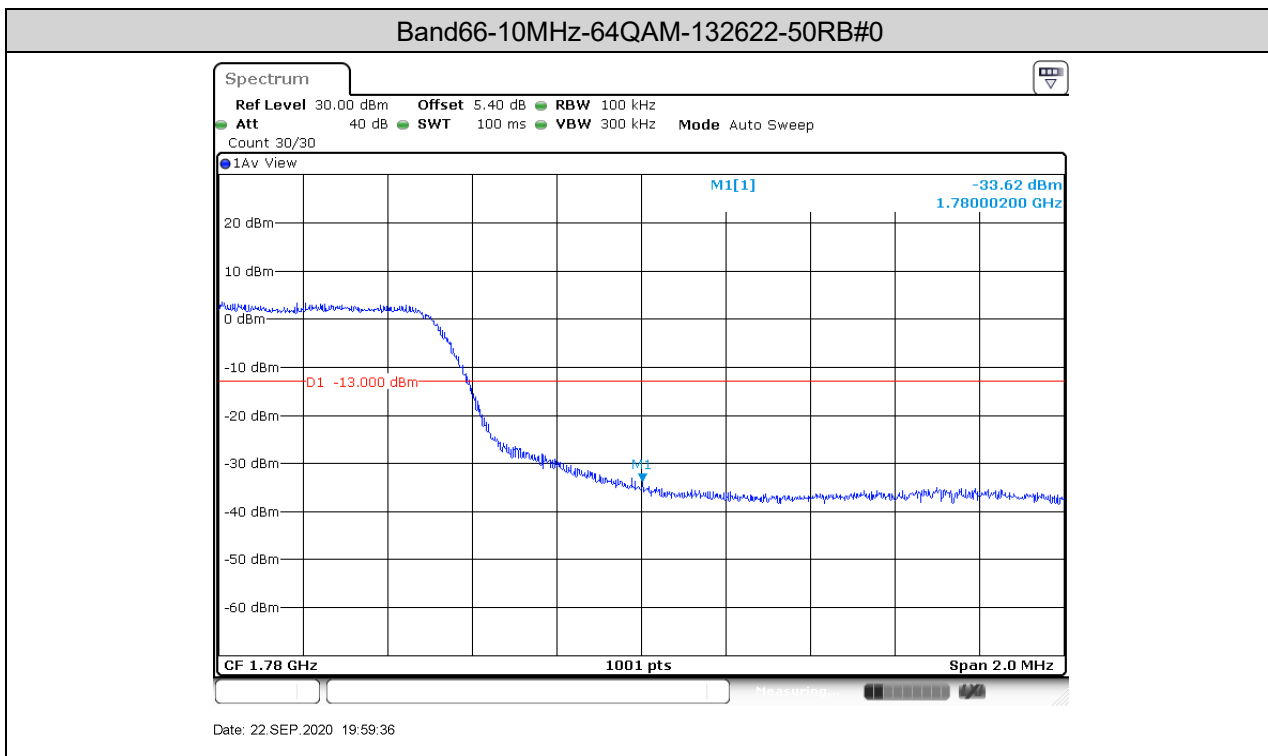
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Date: 22.SEP.2020 19:59:20

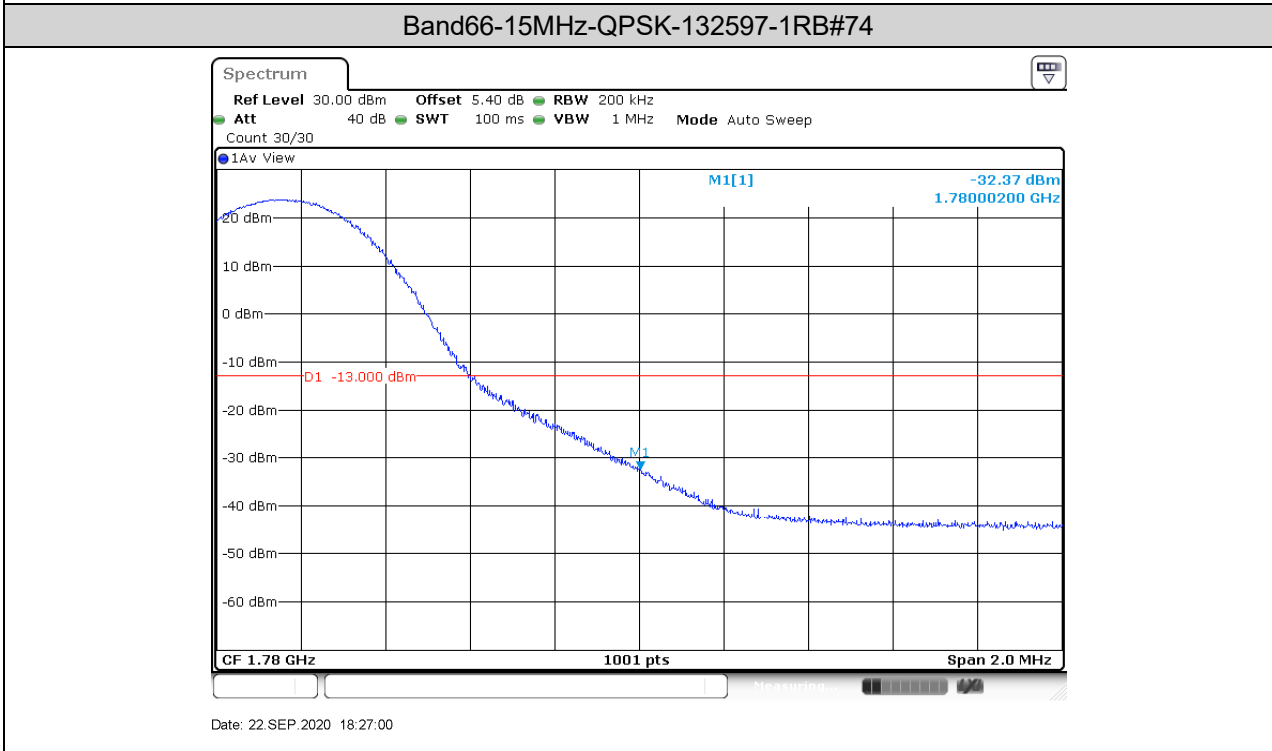
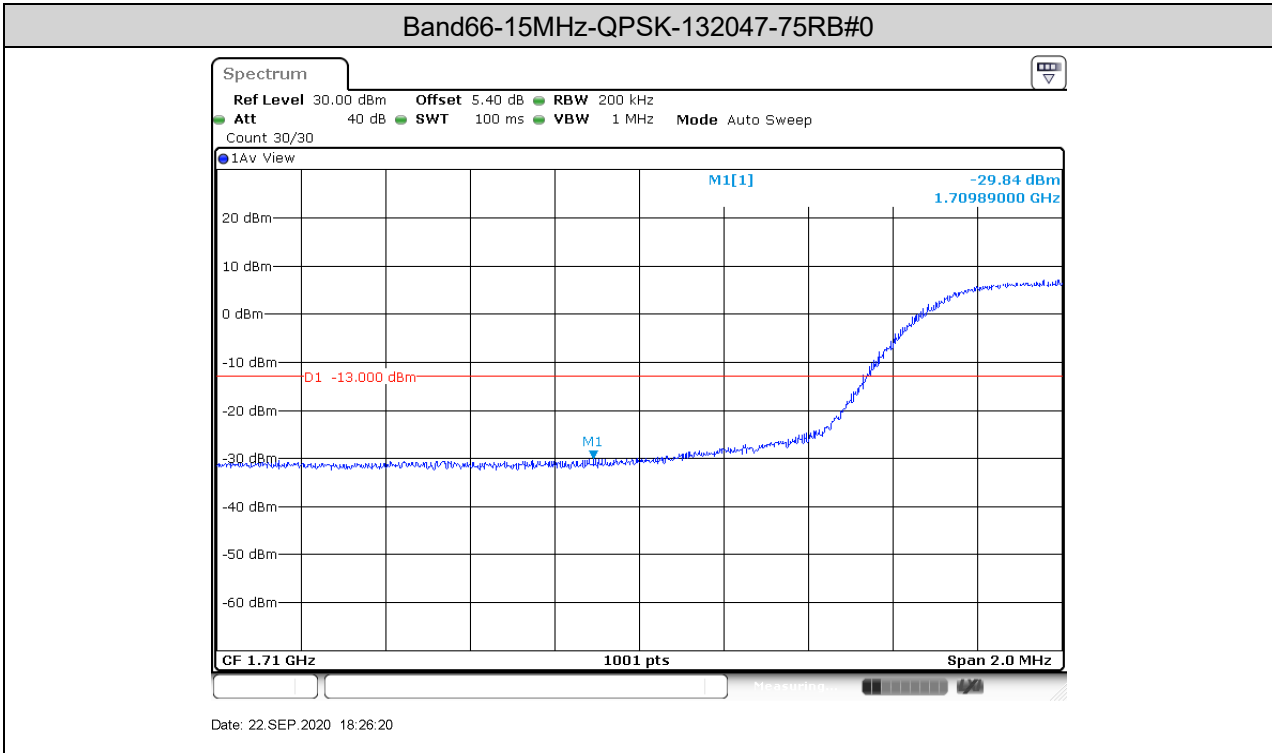


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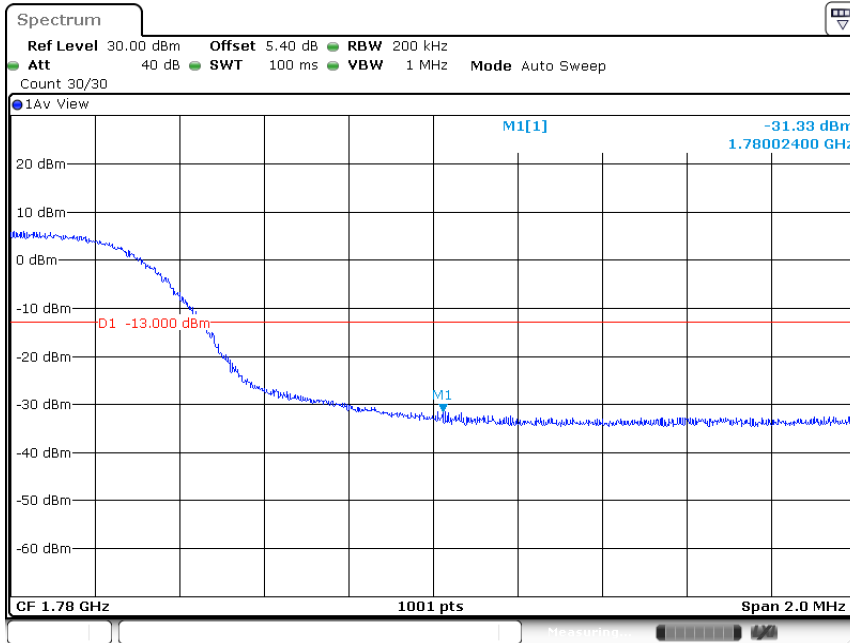
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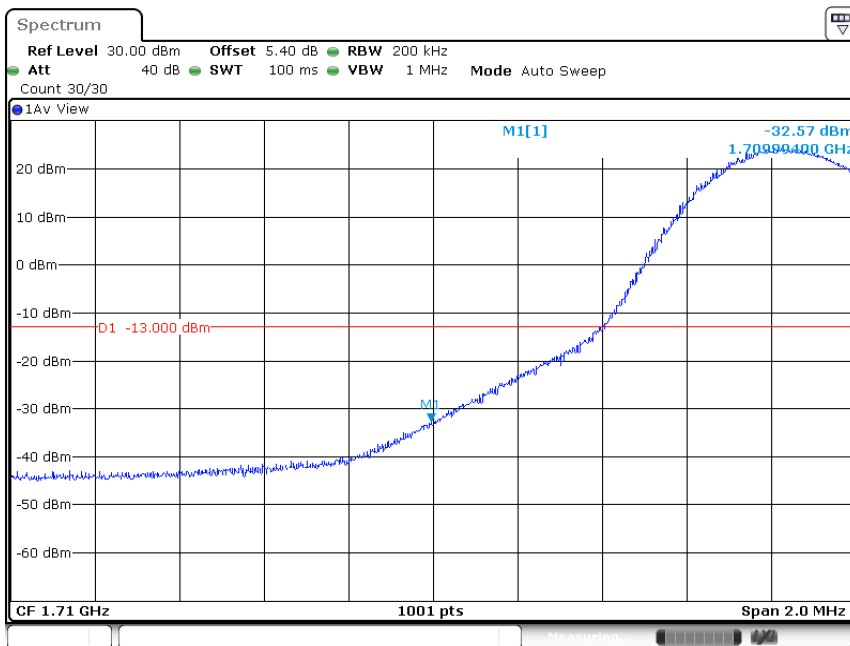
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Band66-15MHz-QPSK-132597-75RB#0



Date: 22.SEP.2020 18:27:36

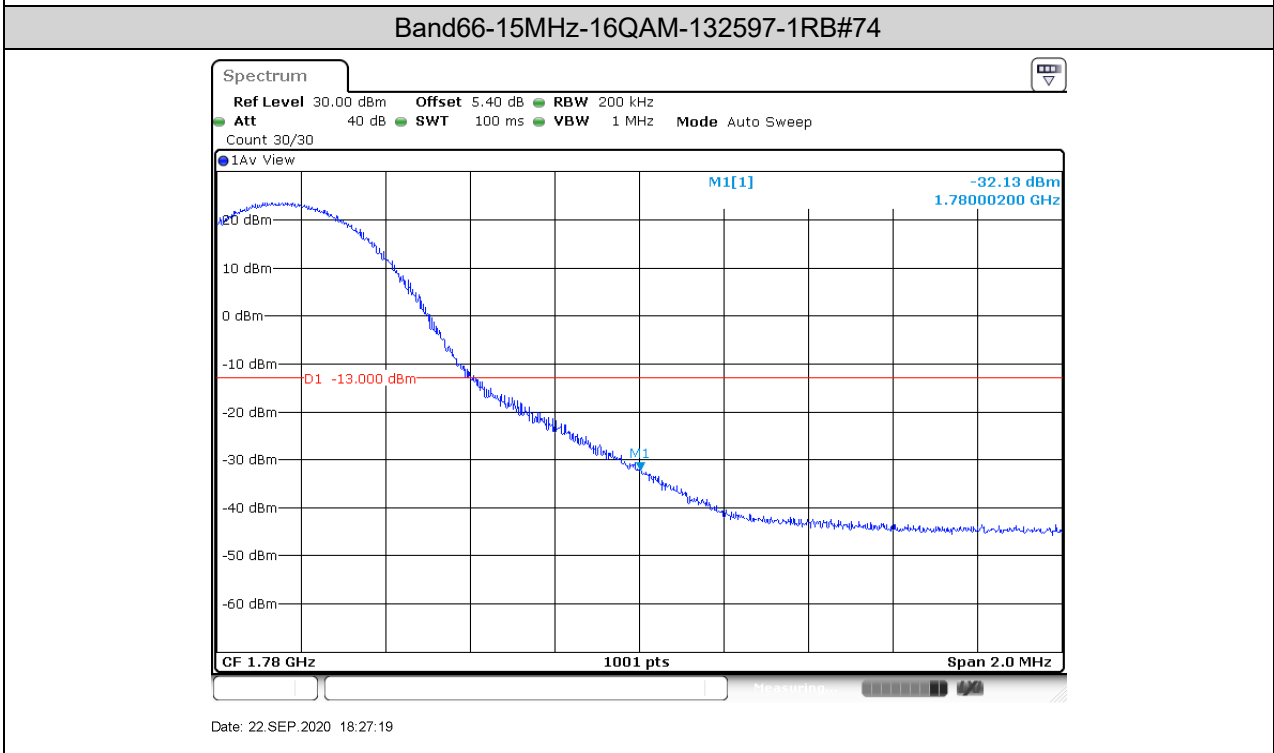
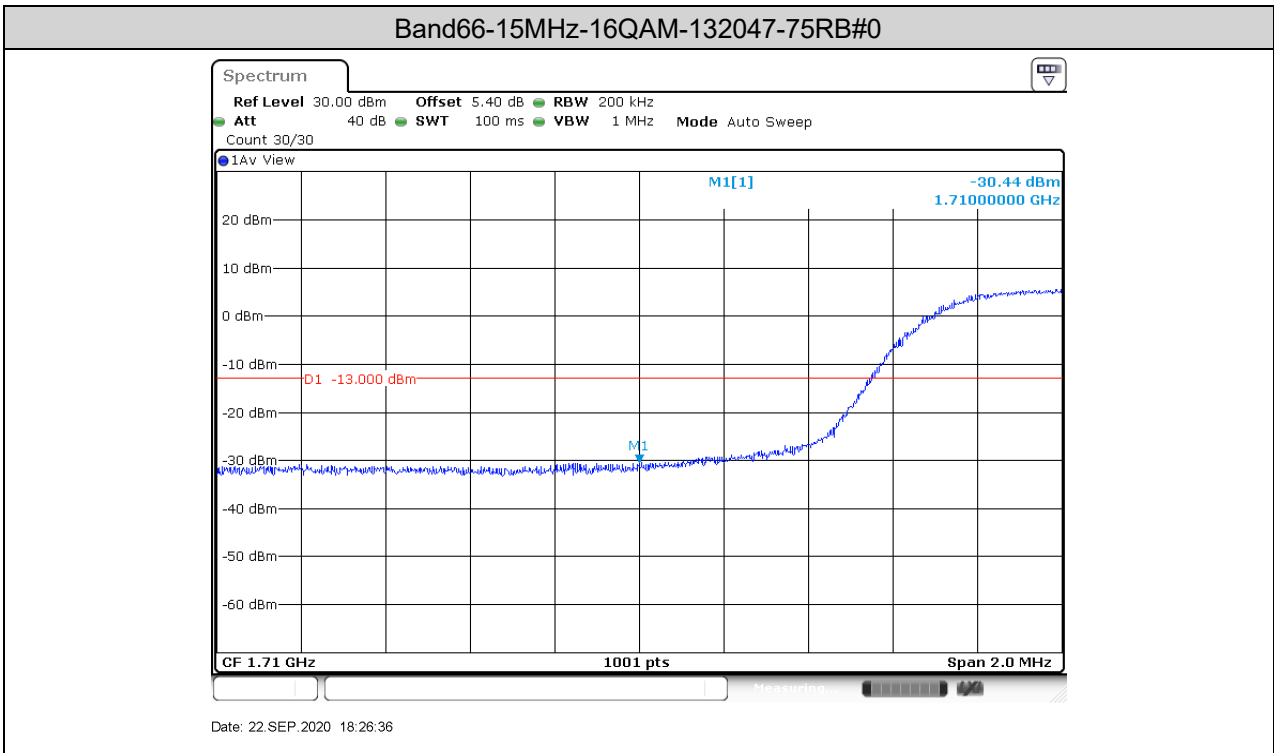
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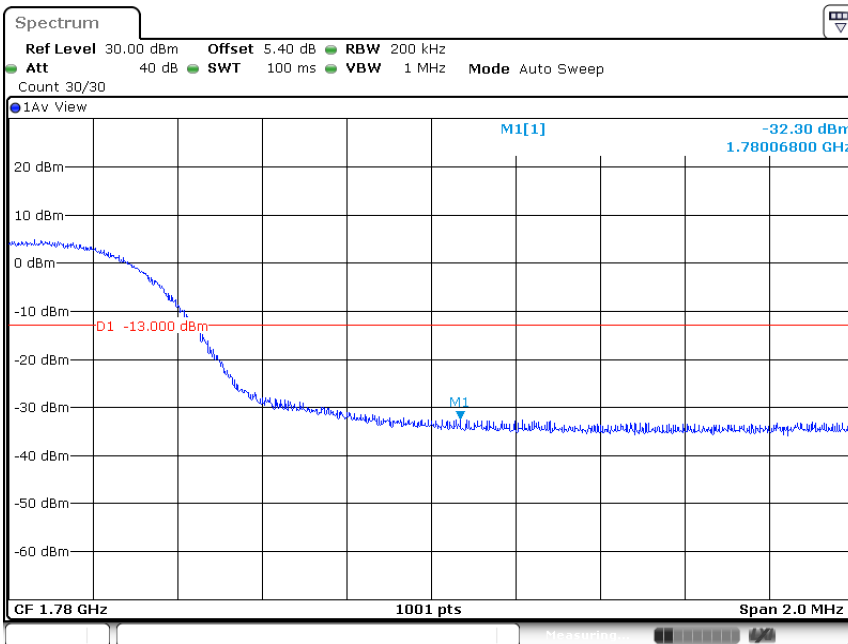
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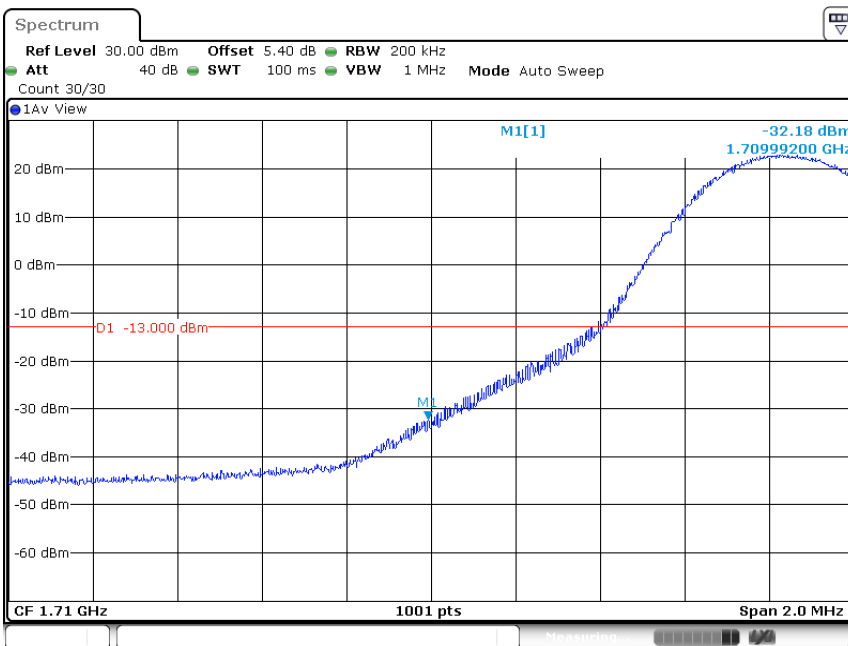
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Band66-15MHz-16QAM-132597-75RB#0



Date: 22.SEP.2020 18:27:52

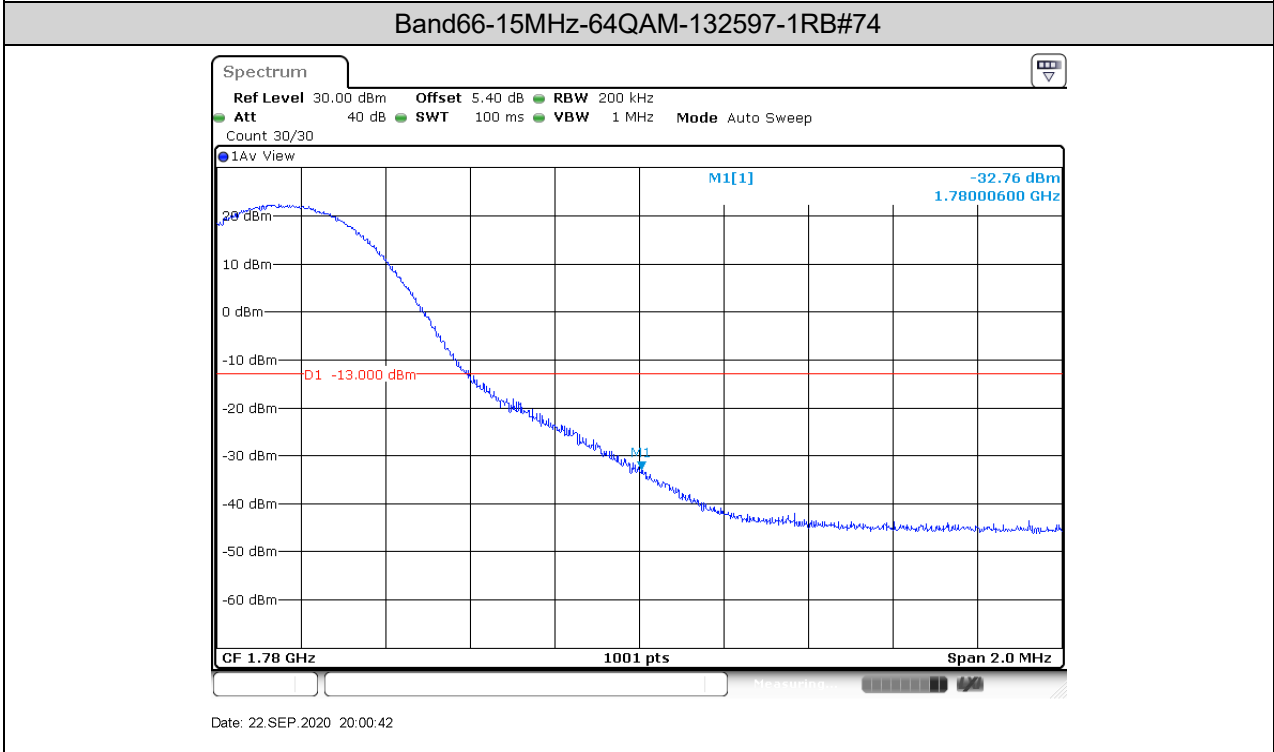
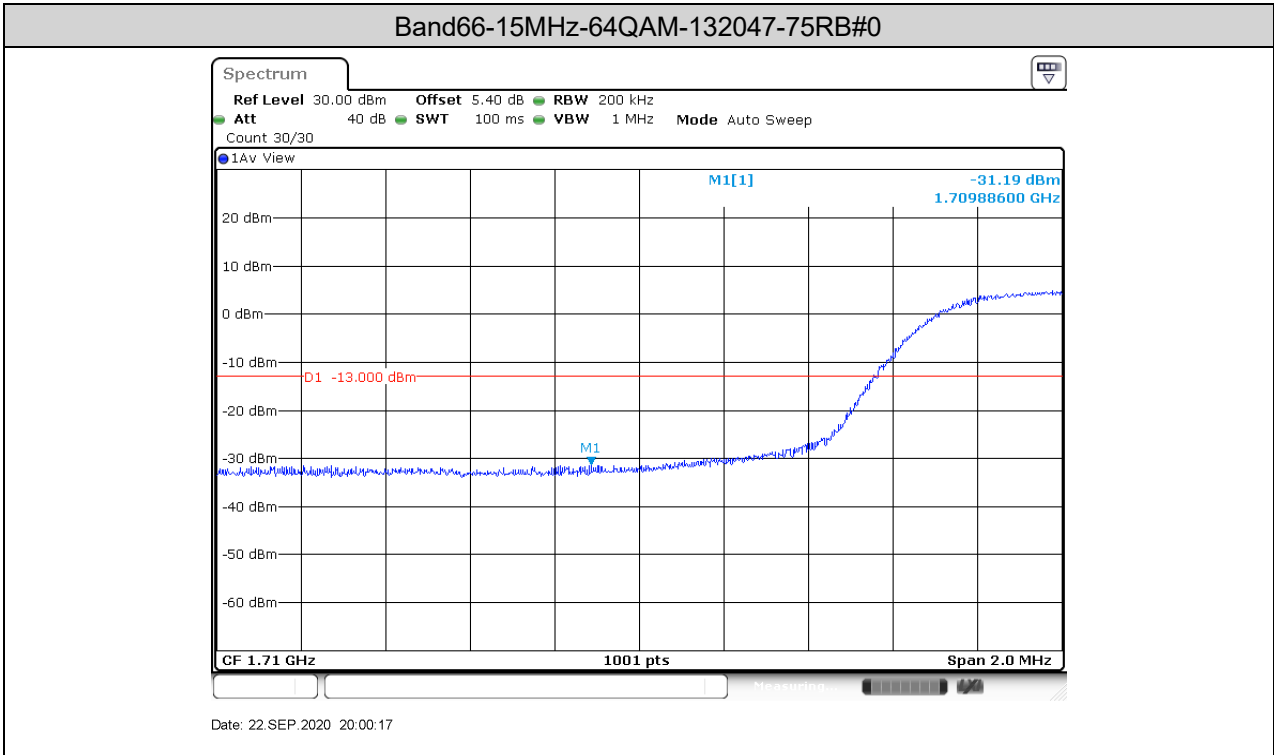
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Date: 22.SEP.2020 20:00:01



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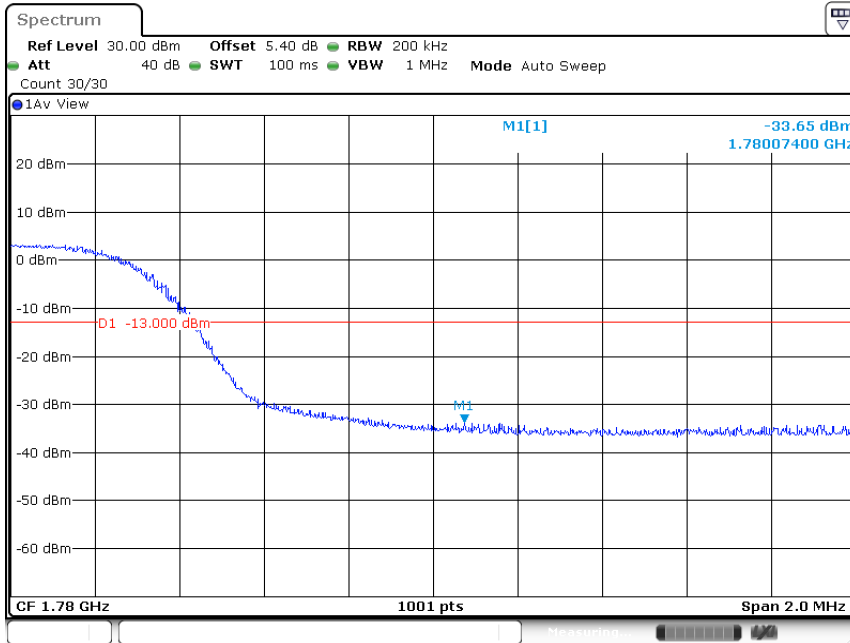


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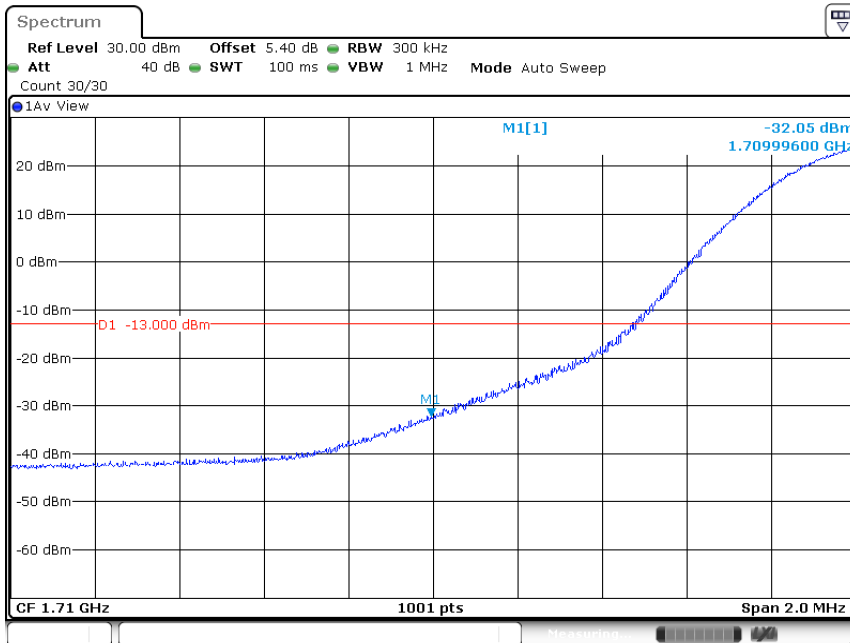
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Band66-15MHz-64QAM-132597-75RB#0



Date: 22.SEP.2020 20:00:58

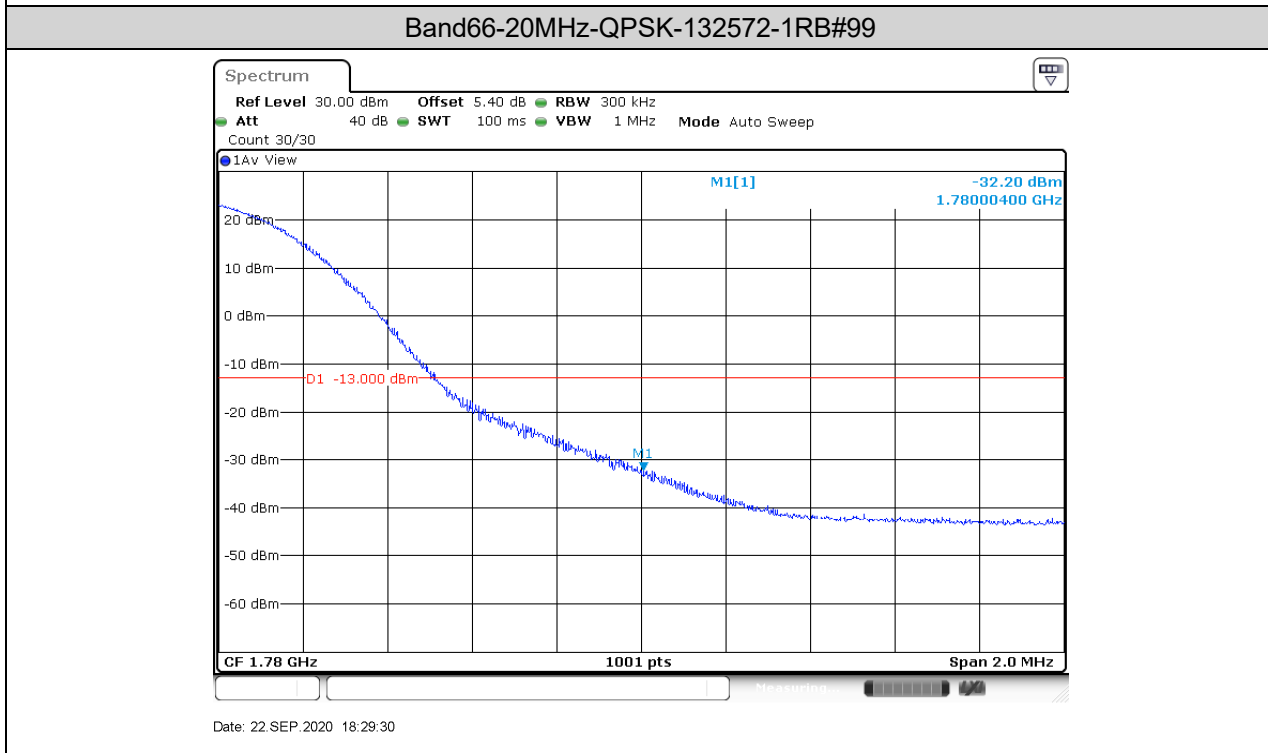
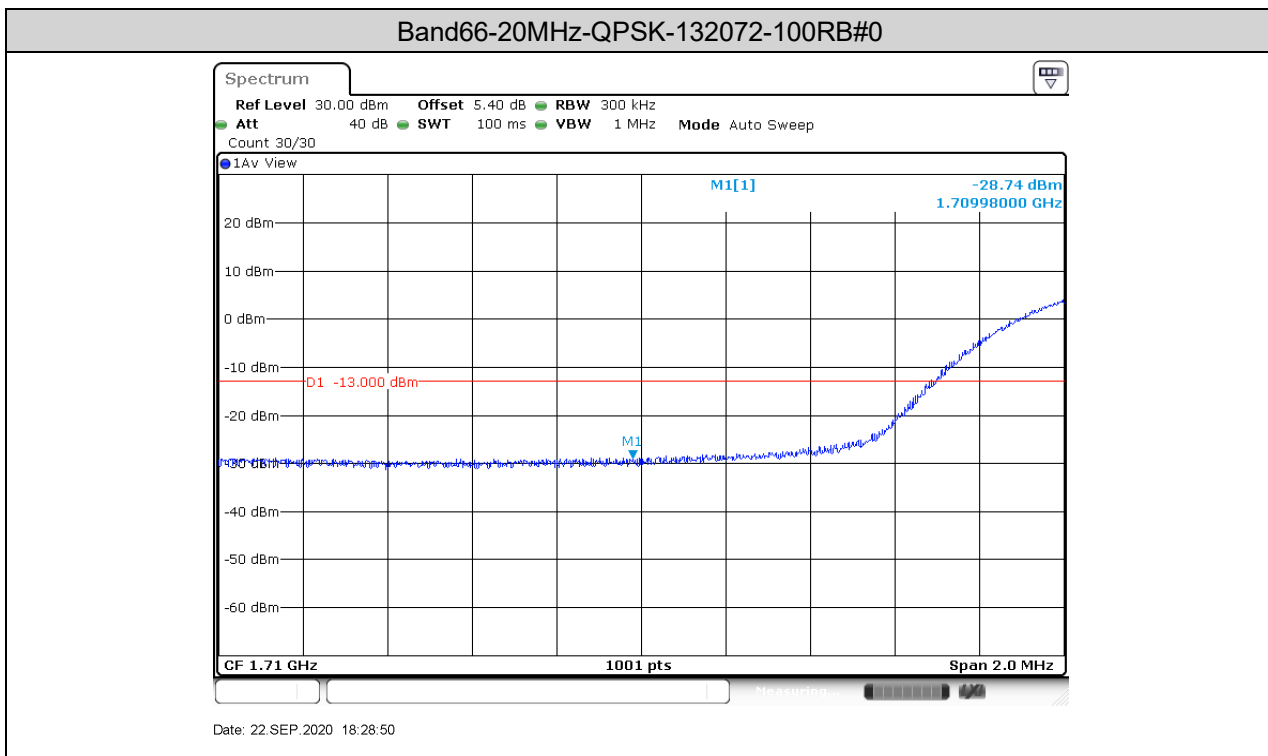
Band66-20MHz-QPSK-132072-1RB#0



Date: 22.SEP.2020 18:28:17

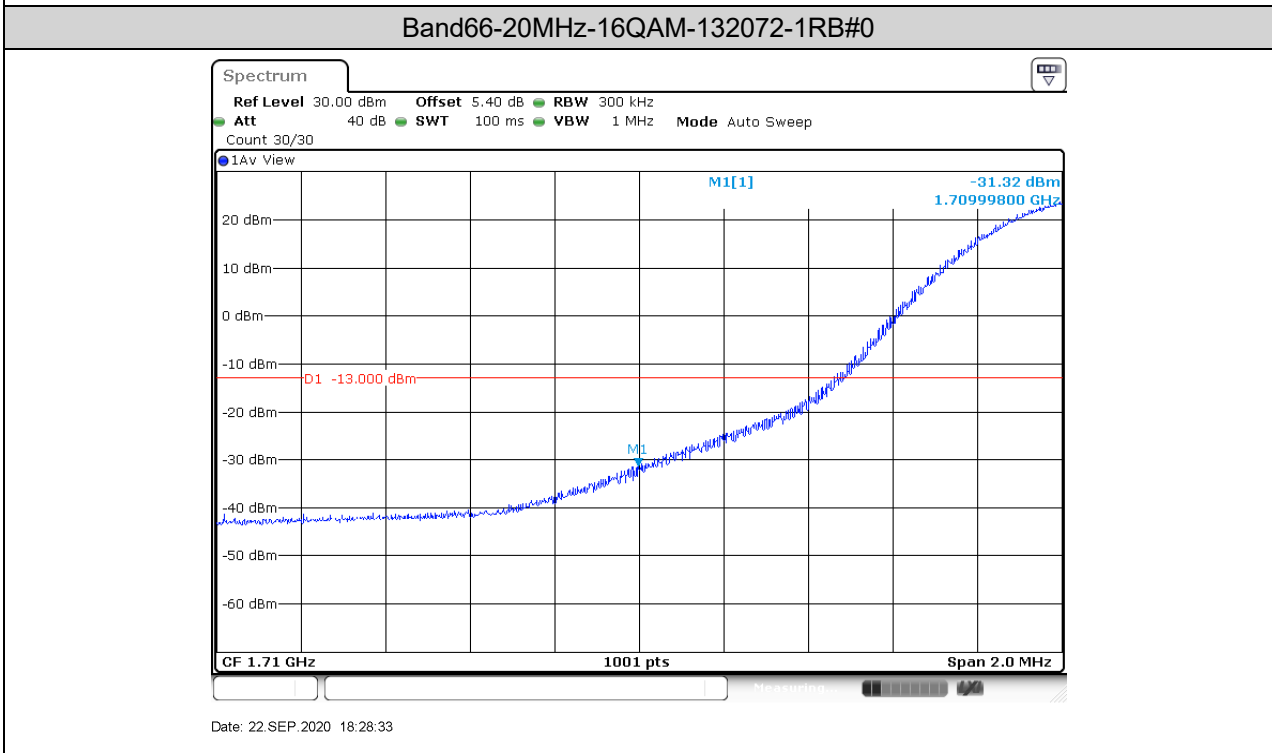
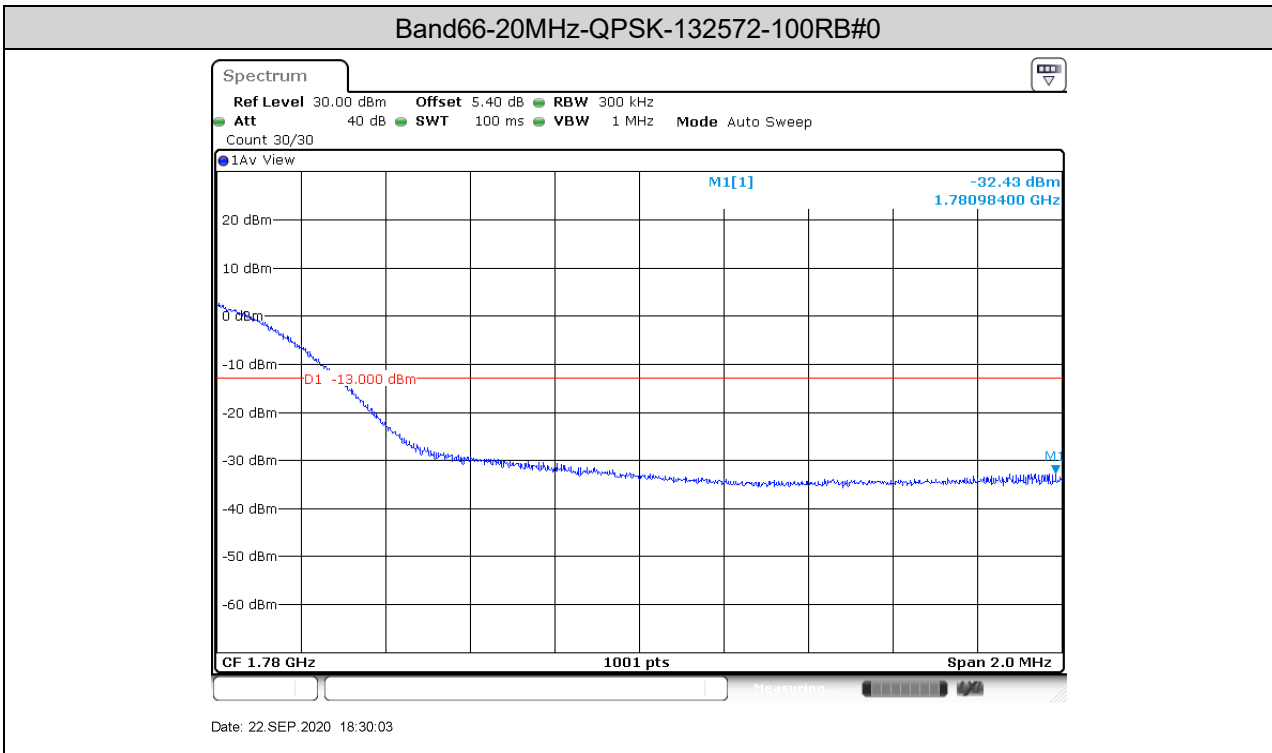


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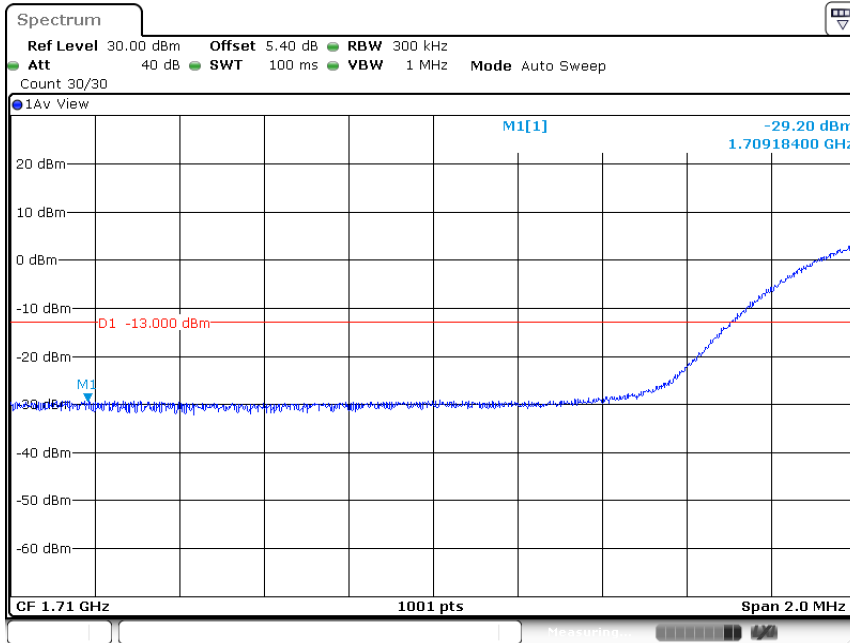
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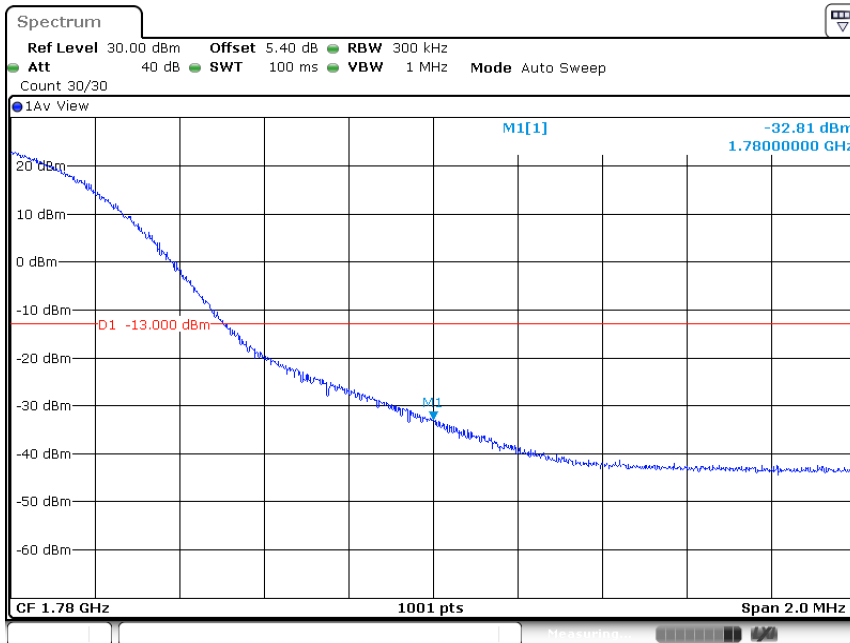
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Band66-20MHz-16QAM-132072-100RB#0



Date: 22.SEP.2020 18:29:06

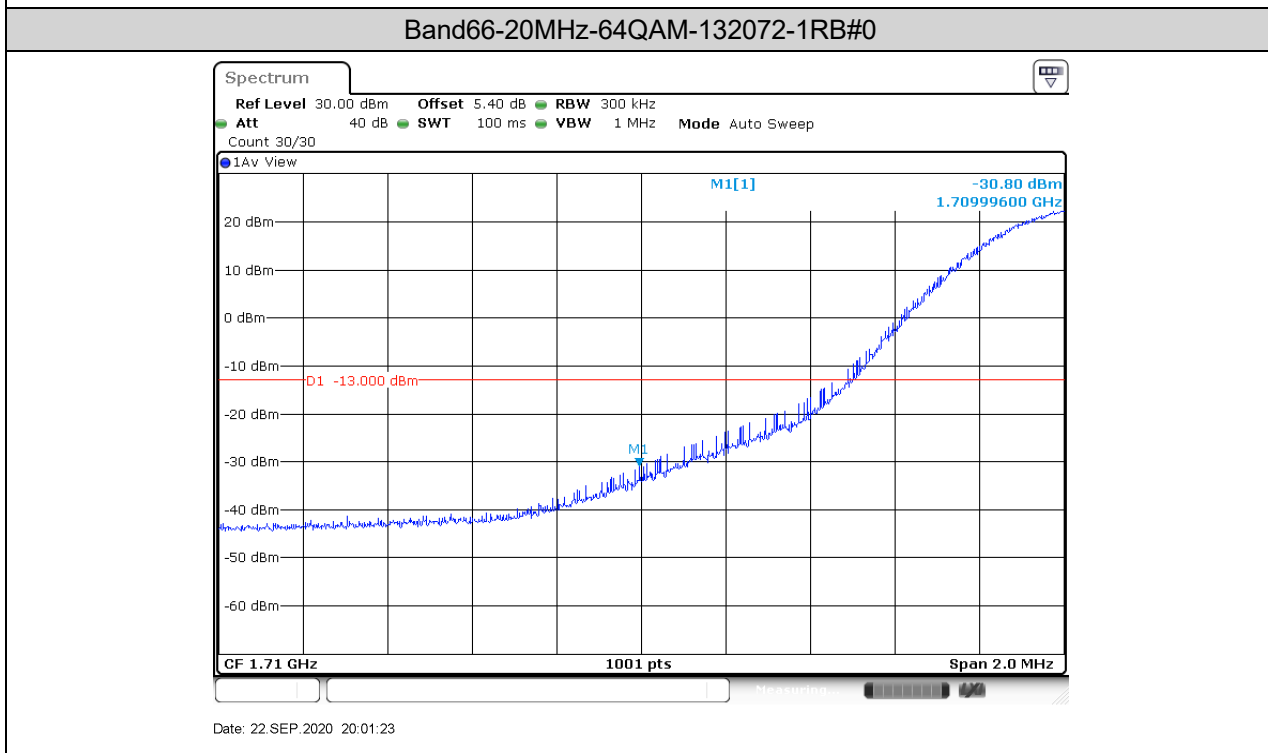
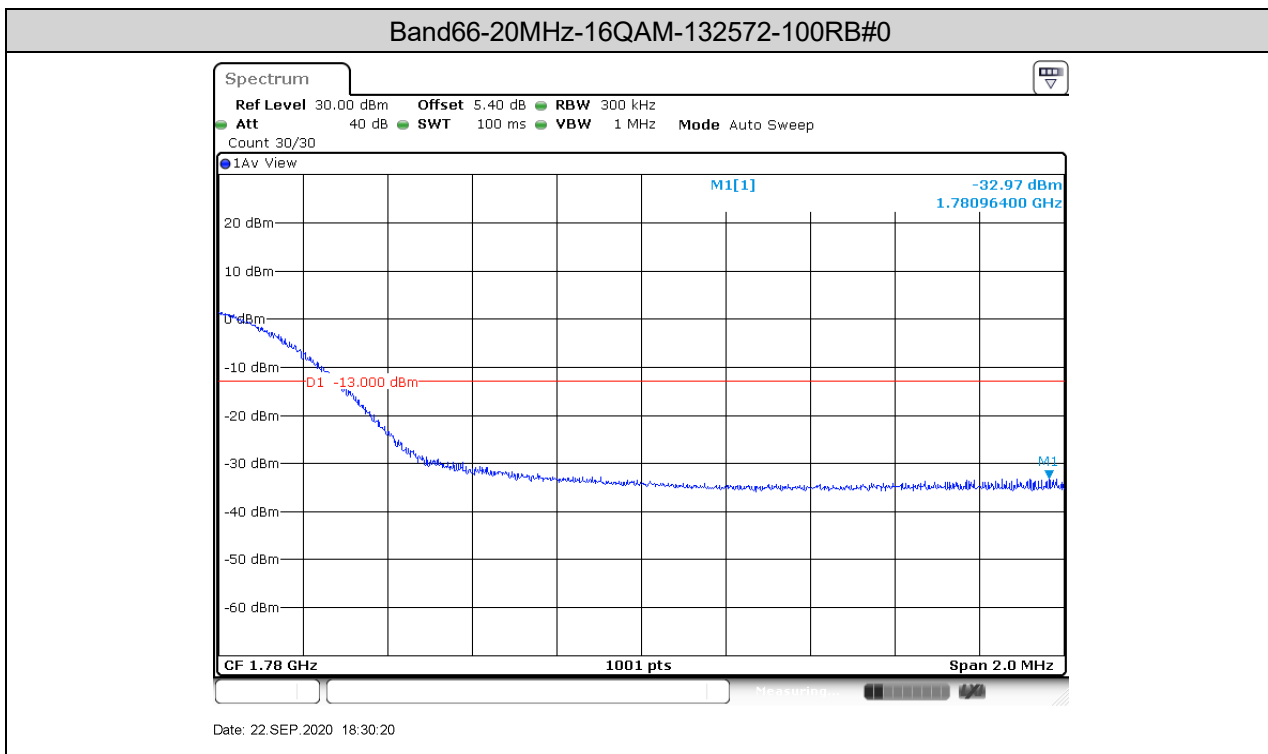
Band66-20MHz-16QAM-132572-1RB#99



Date: 22.SEP.2020 18:29:47



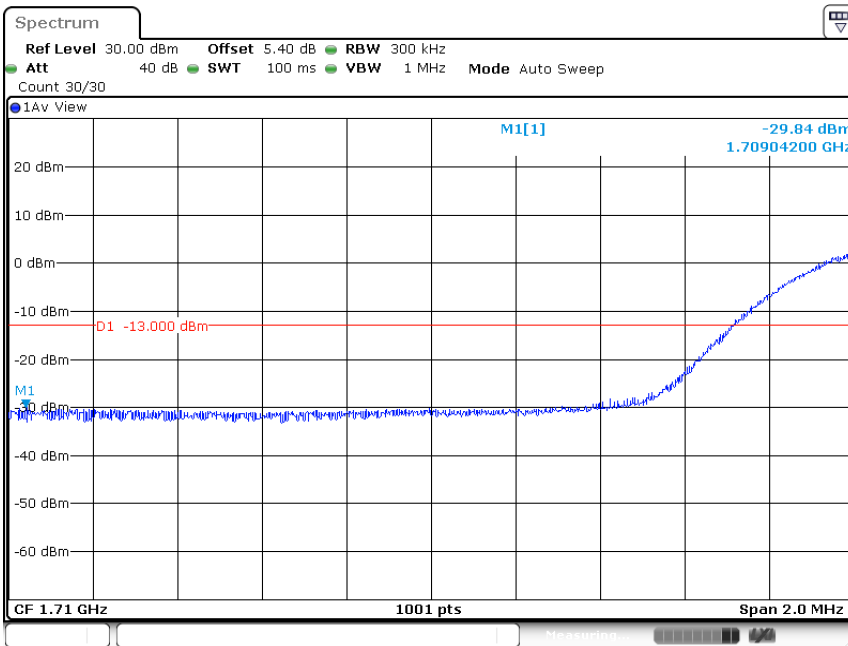
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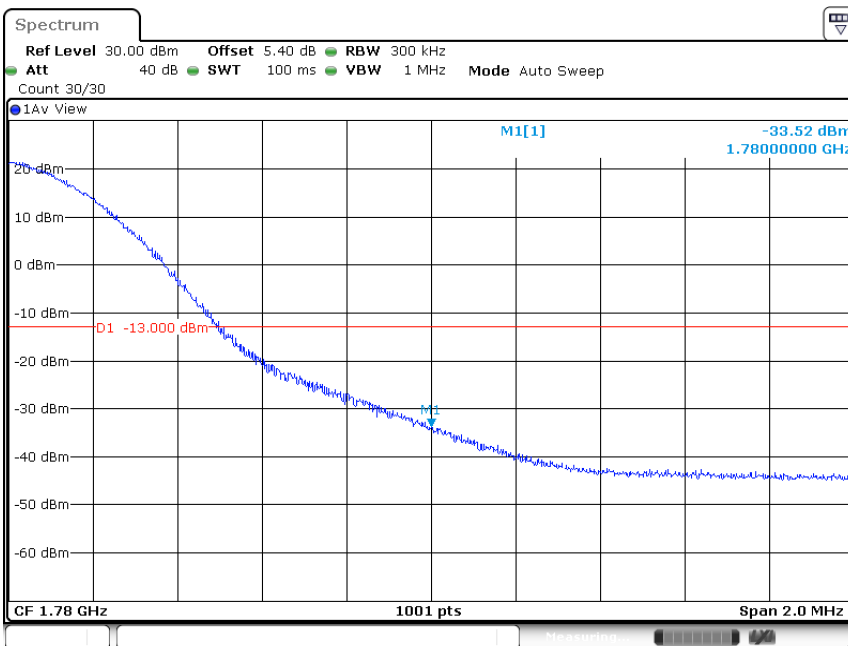
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Band66-20MHz-64QAM-132072-100RB#0



Date: 22.SEP.2020 20:01:40

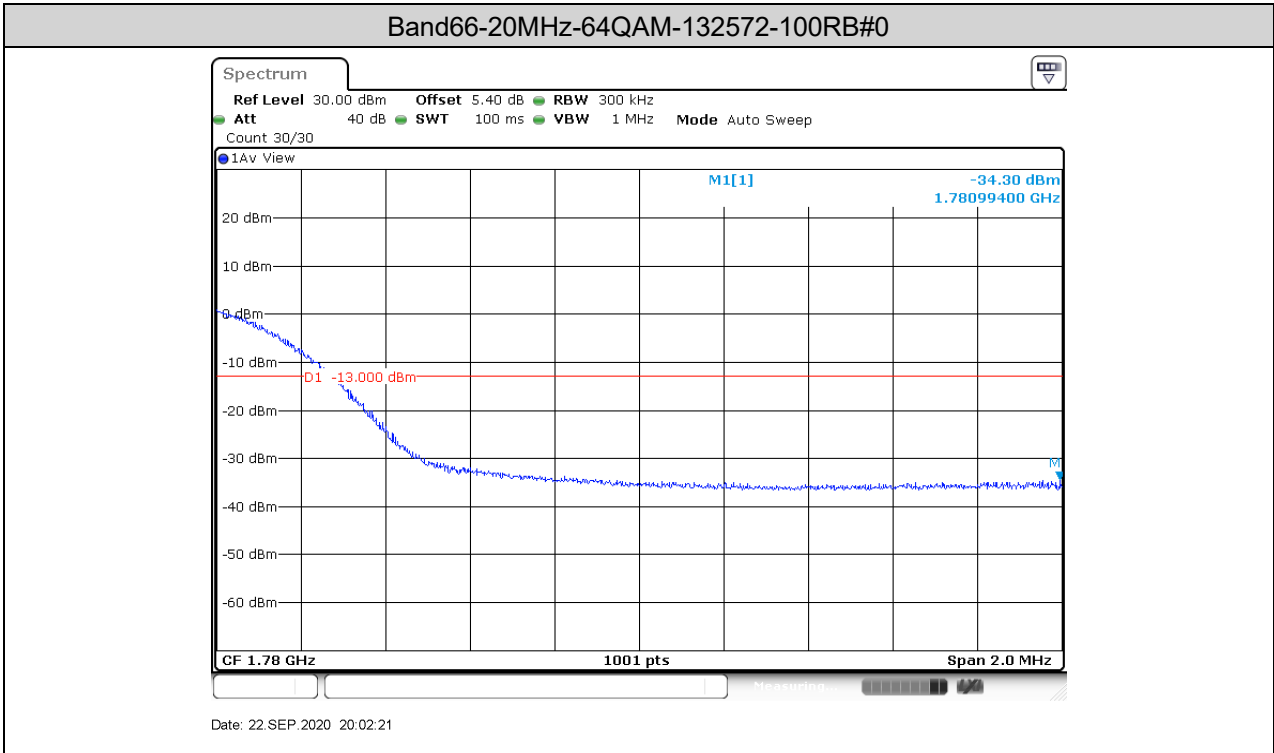
Band66-20MHz-64QAM-132572-1RB#99



Date: 22.SEP.2020 20:02:04



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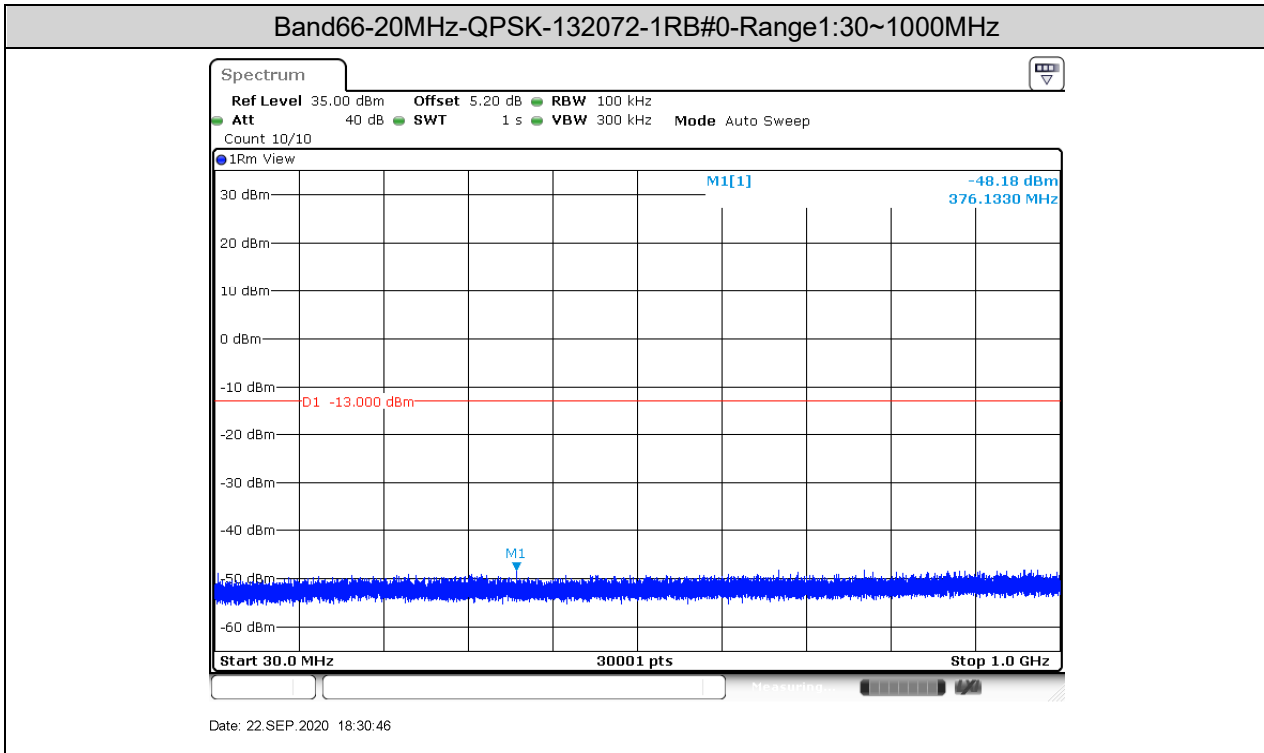
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6 Spurious Emission at Antenna Terminal

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 $< RBW/2$ 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.

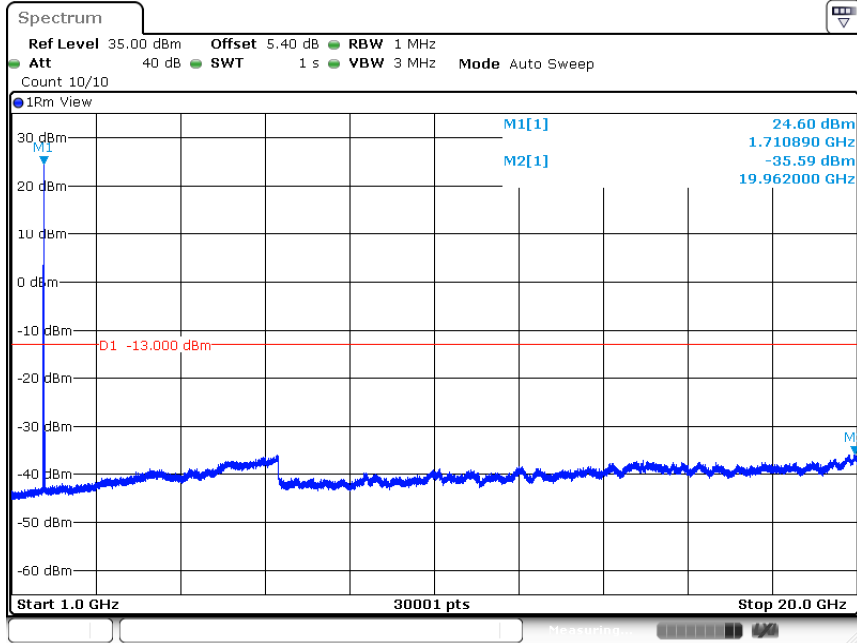
Remark2: only the worst case data displayed in this report.

6.1 Test Plots



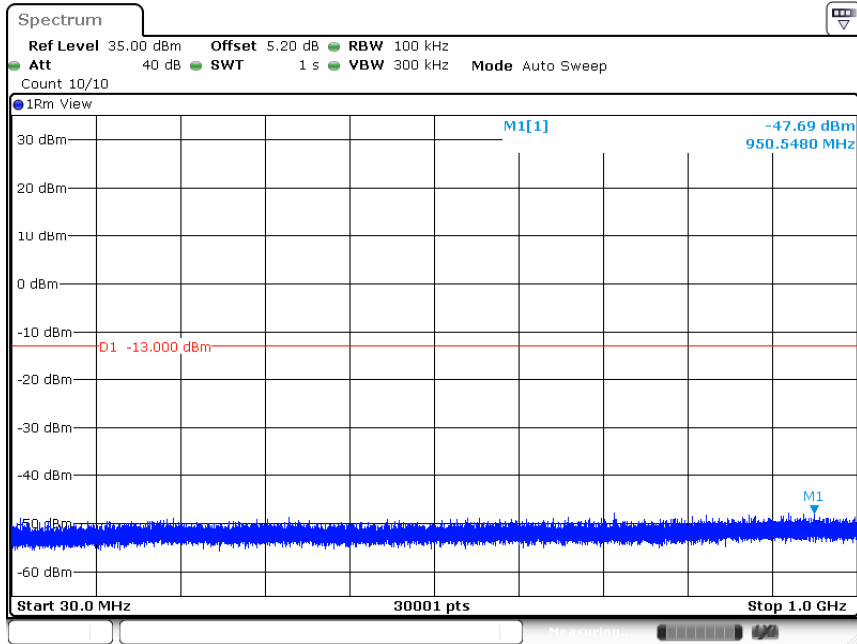
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Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~20000MHz



Date: 22.SEP.2020 18:31:03

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

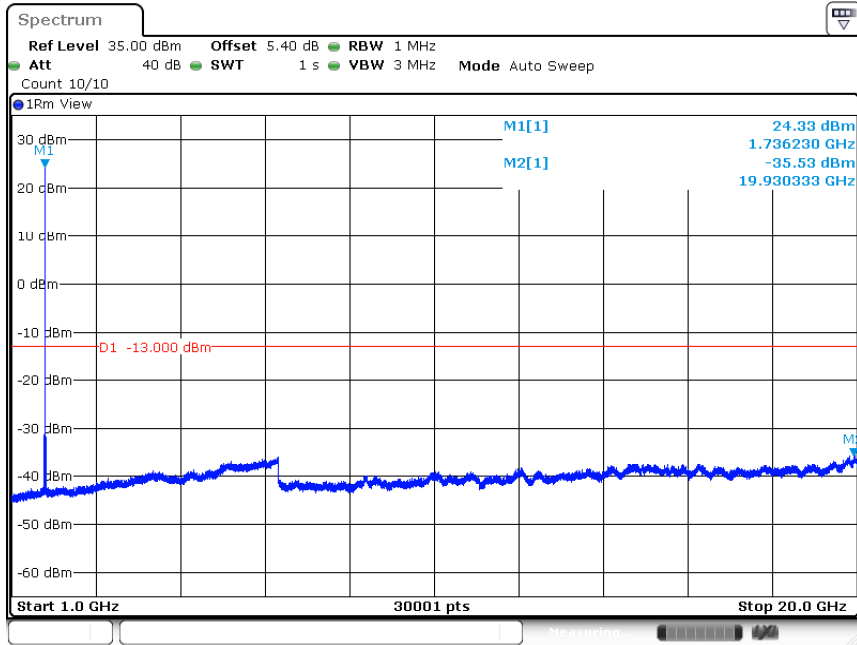


Date: 22.SEP.2020 18:32:03



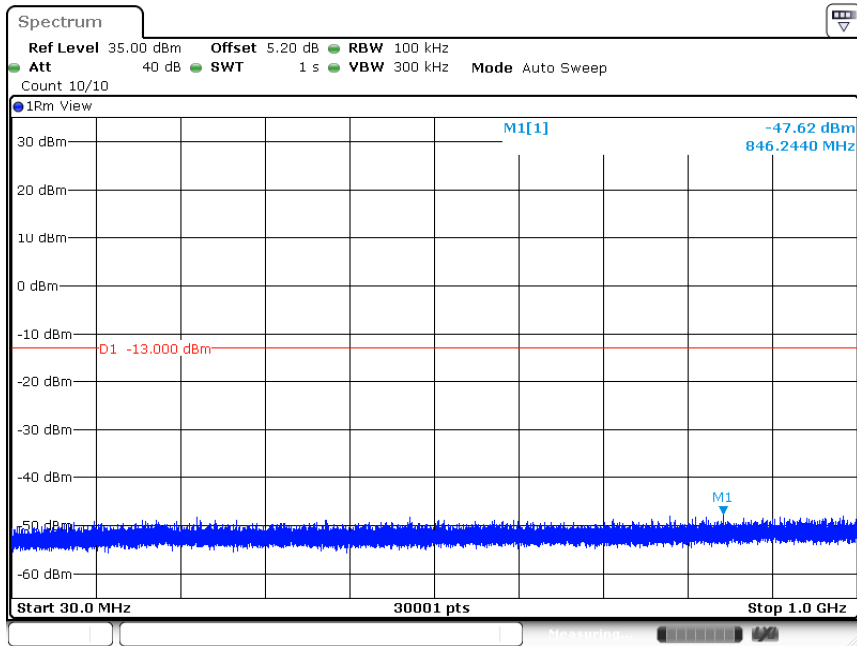
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Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



Date: 22.SEP.2020 18:32:20

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

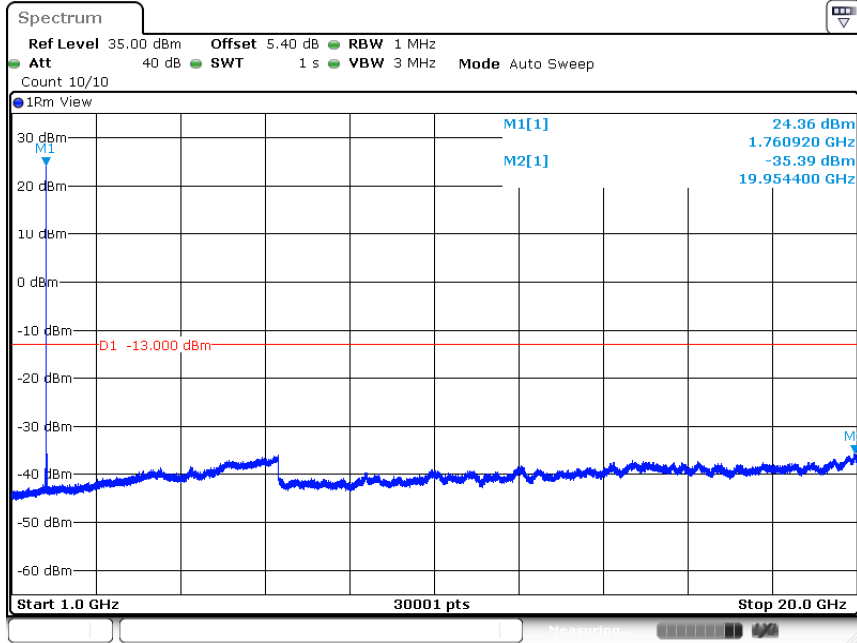


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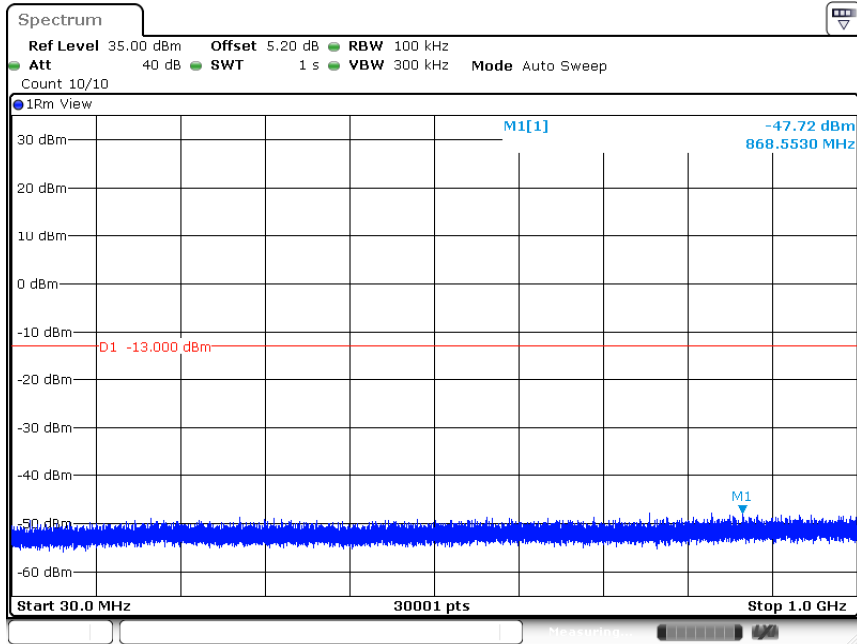
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Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~20000MHz



Date: 22.SEP.2020 18:33:38

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

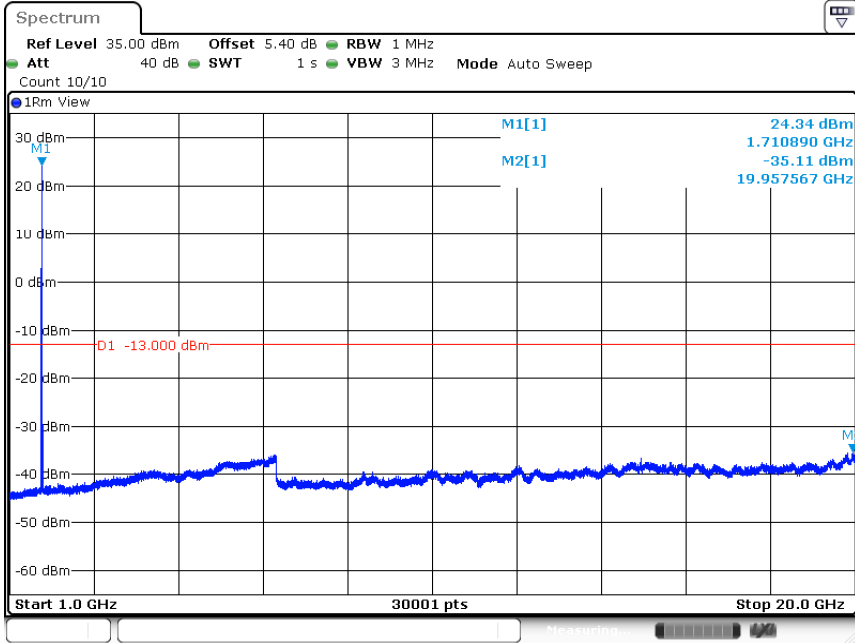


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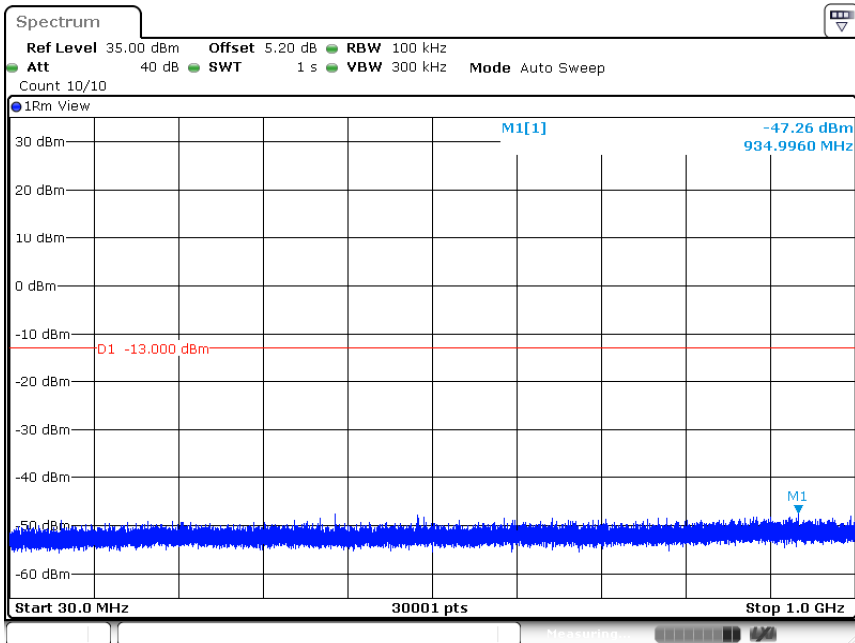
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Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~20000MHz



Date: 22.SEP.2020 18:31:41

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

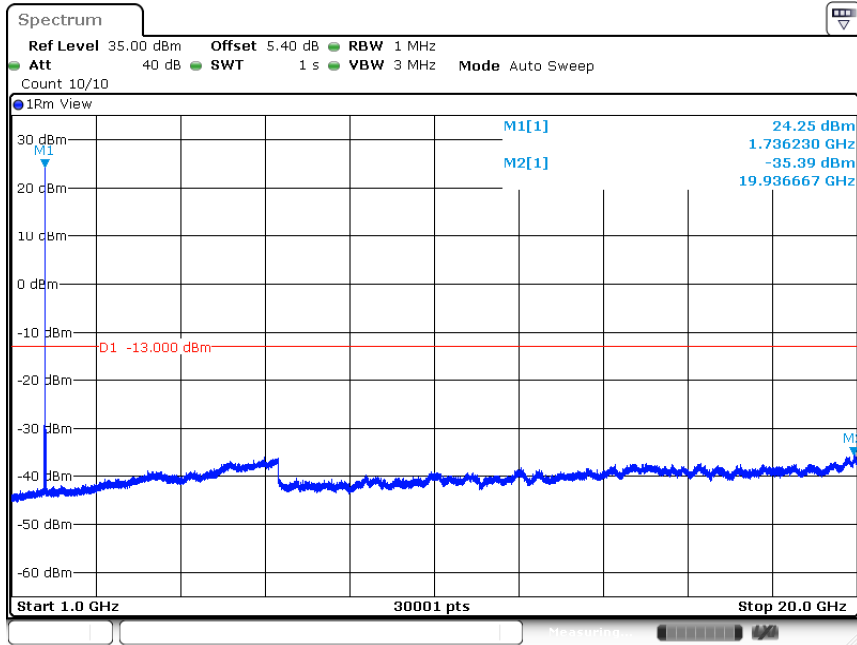


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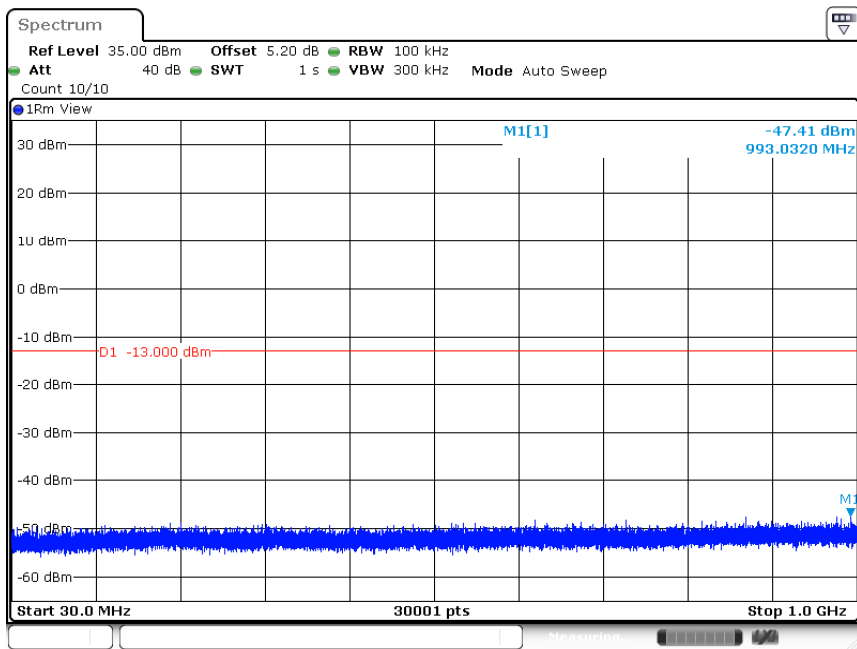
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Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



Date: 22.SEP.2020 18:32:59

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

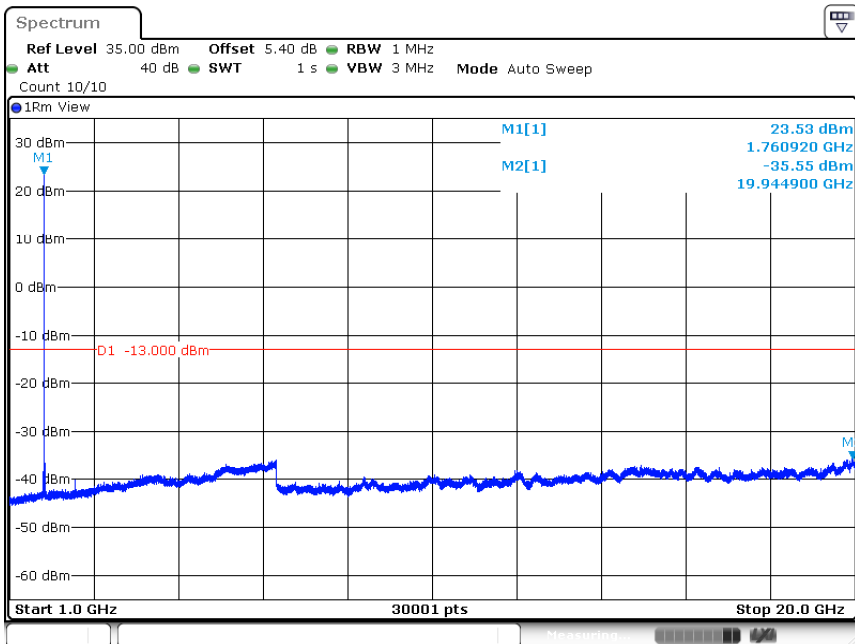


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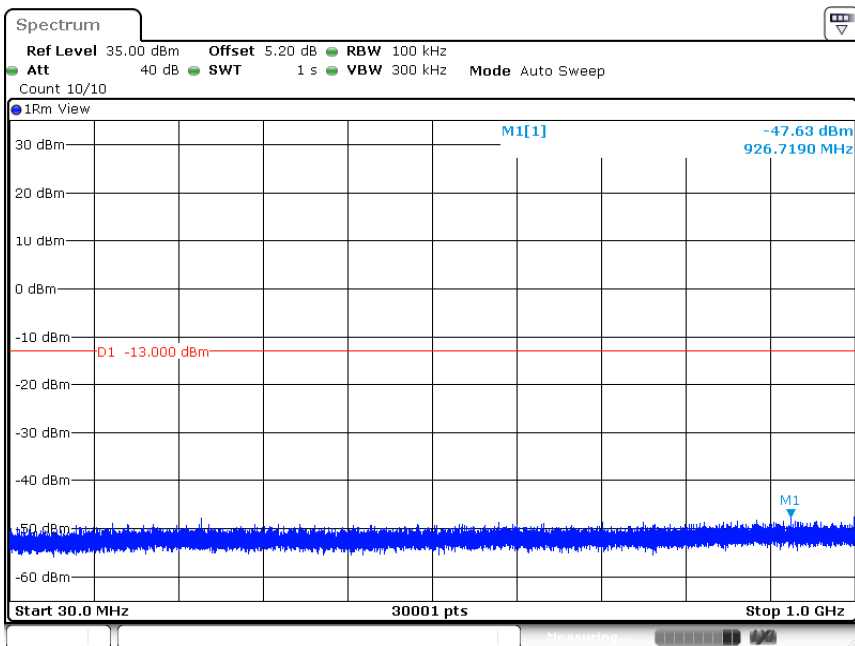
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Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~20000MHz



Date: 22.SEP.2020 18:34:16

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

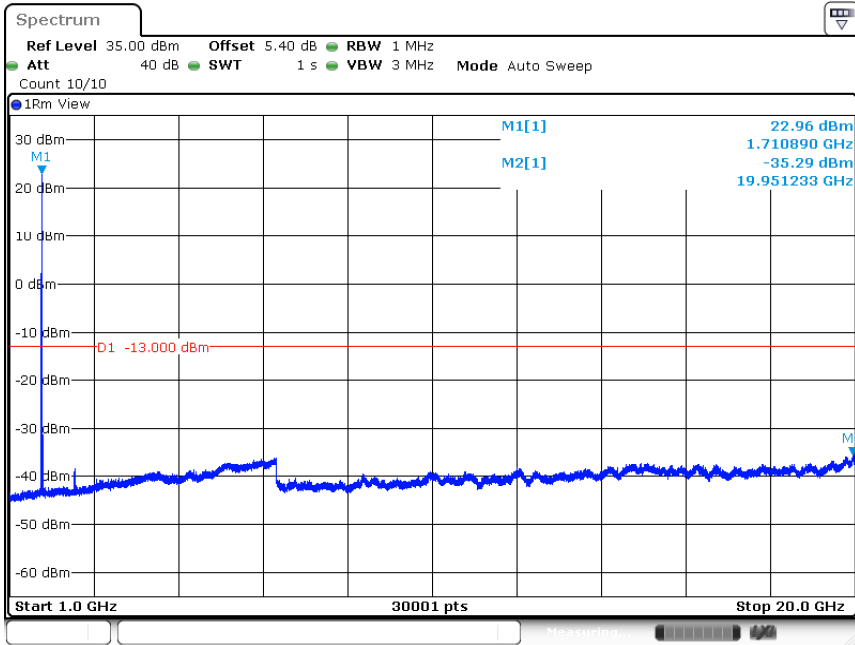


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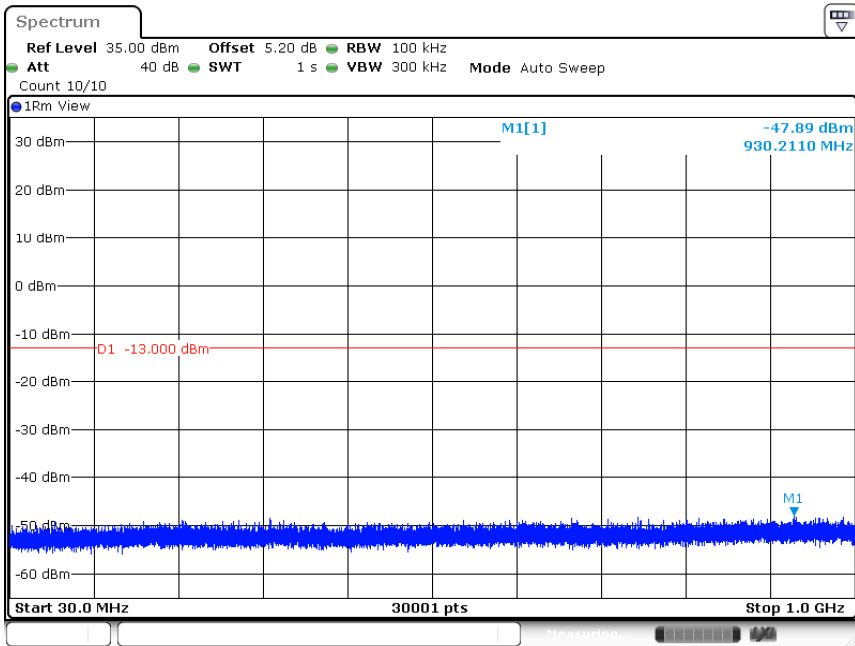
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Band66-20MHz-64QAM-132072-1RB#0-Range2:1000~20000MHz



Date: 22.SEP.2020 20:03:05

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

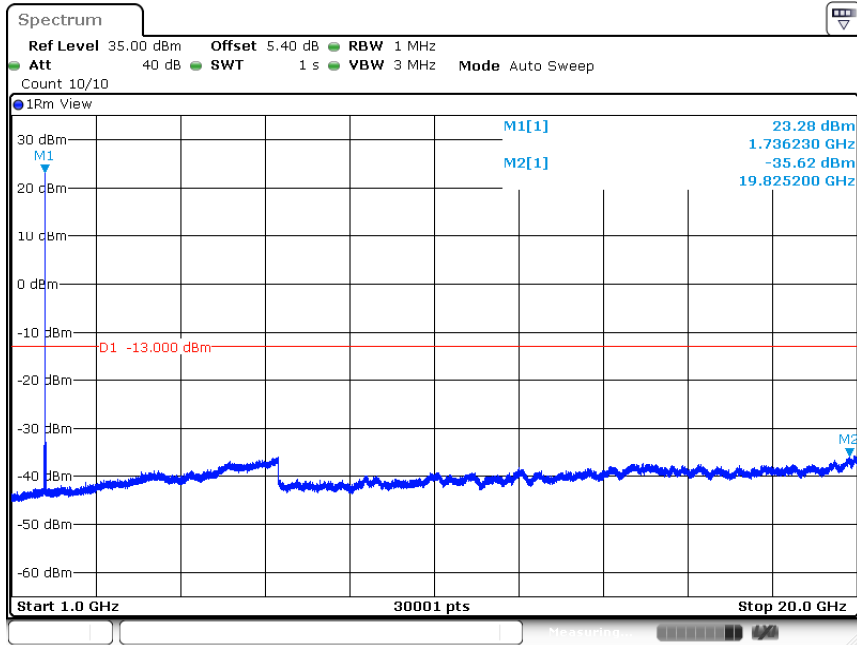


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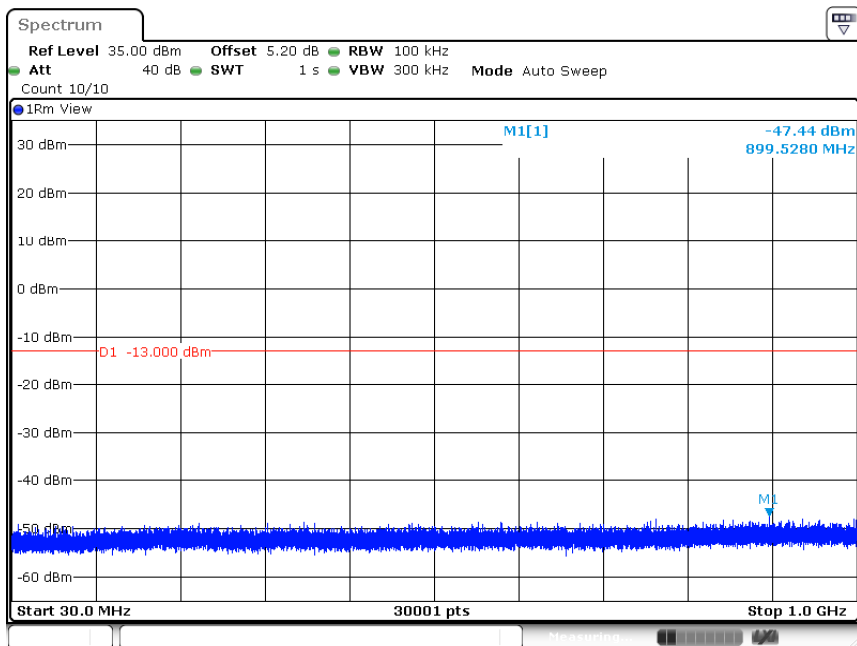
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Band66-20MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz



Date: 22.SEP.2020 20:03:44

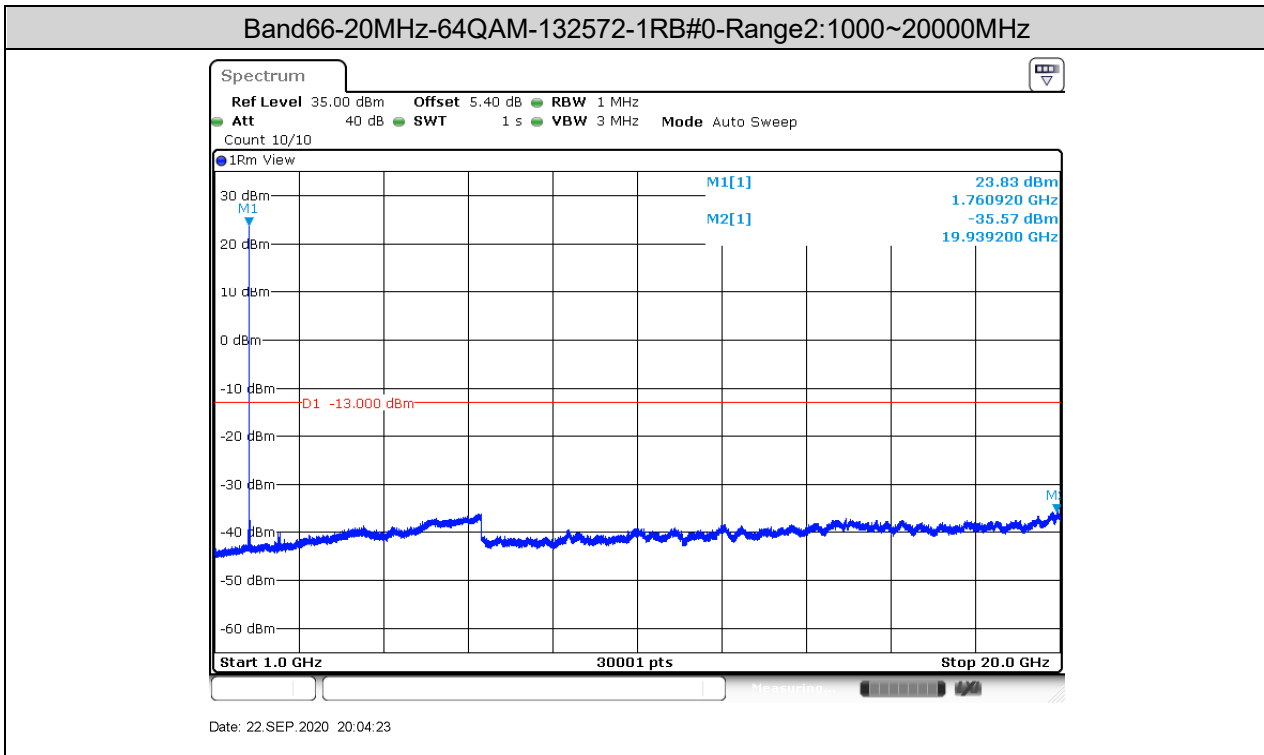
Band66-20MHz-64QAM-132572-1RB#0-Range1:30~1000MHz



Date: 22.SEP.2020 20:04:05



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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
47.400000	-78.49	-13.00	65.49	Vertical
343.100000	-84.27	-13.00	71.27	Vertical
928.316667	-73.00	-13.00	60.00	Vertical
3421.850000	-58.21	-13.00	45.21	Vertical
5132.975000	-61.18	-13.00	48.18	Vertical
6844.750000	-57.03	-13.00	44.03	Vertical
64.000000	-75.43	-13.00	62.43	Horizontal
202.850000	-85.14	-13.00	72.14	Horizontal
961.775000	-74.90	-13.00	61.90	Horizontal
3422.175000	-62.23	-13.00	49.23	Horizontal
5132.975000	-62.32	-13.00	49.32	Horizontal
7995.250000	-62.17	-13.00	49.17	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
55.750000	-78.73	-13.00	65.73	Vertical
343.300000	-84.09	-13.00	71.09	Vertical
959.162500	-75.00	-13.00	62.00	Vertical
3471.900000	-56.88	-13.00	43.88	Vertical
6944.200000	-56.34	-13.00	43.34	Vertical
8680.350000	-56.87	-13.00	43.87	Vertical
62.750000	-75.77	-13.00	62.77	Horizontal
202.900000	-84.43	-13.00	71.43	Horizontal
957.191667	-74.96	-13.00	61.96	Horizontal
3471.900000	-62.76	-13.00	49.76	Horizontal
5208.050000	-61.10	-13.00	48.10	Horizontal
7178.200000	-62.55	-13.00	49.55	Horizontal



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7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.500000	-78.49	-13.00	65.49	Vertical
329.150000	-84.21	-13.00	71.21	Vertical
920.158333	-75.18	-13.00	62.18	Vertical
3521.950000	-57.91	-13.00	44.91	Vertical
5283.125000	-57.27	-13.00	44.27	Vertical
7044.625000	-57.39	-13.00	44.39	Vertical
63.050000	-75.22	-13.00	62.22	Horizontal
208.650000	-85.14	-13.00	72.14	Horizontal
959.162500	-74.98	-13.00	61.98	Horizontal
3521.950000	-63.33	-13.00	50.33	Horizontal
5283.125000	-60.35	-13.00	47.35	Horizontal
7044.300000	-61.69	-13.00	48.69	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		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	-4.60	-0.002674	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	-3.50	-0.002006	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	-5.50	-0.003198	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-1.80	-0.001032	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-3.50	-0.002006	±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	9.40	0.005311	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	7.30	0.004124	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	5.10	0.002881	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	0.90	0.000523	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	-0.60	-0.000349	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	-4.90	-0.002849	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	4.30	0.002464	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	1.10	0.000630	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	0.30	0.000172	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	6.30	0.003559	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	5.00	0.002825	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	10.00	0.005650	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VL	NT	-1.50	-0.000872	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VN	NT	-9.40	-0.005465	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VH	NT	-9.10	-0.005291	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VL	NT	-1.50	-0.000860	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VN	NT	3.20	0.001834	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VH	NT	-3.40	-0.001948	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VL	NT	10.70	0.006045	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VN	NT	7.60	0.004294	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VH	NT	4.90	0.002768	±2.5	PASS



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8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	-4.40	-0.002558	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-2.60	-0.001512	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	-7.20	-0.004186	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	-2.50	-0.001453	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-3.80	-0.002209	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	0.10	0.000058	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	-2.80	-0.001628	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	-6.00	-0.003488	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	-7.10	-0.004128	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-0.60	-0.000344	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-1.00	-0.000573	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.80	-0.000458	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	0.80	0.000458	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-0.70	-0.000401	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	0.10	0.000057	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-0.30	-0.000172	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-0.20	-0.000115	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-0.30	-0.000172	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	2.50	0.001412	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	4.90	0.002768	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	6.50	0.003672	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	8.00	0.004520	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	10.10	0.005706	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	3.80	0.002147	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	5.50	0.003107	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	7.60	0.004294	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	1.40	0.000791	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	-2.70	-0.001570	±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	-6.20	-0.003605	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	-4.20	-0.002442	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	-2.10	-0.001221	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	-3.70	-0.002151	±2.5	PASS



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Band66	20MHz	16QAM	132072	100RB#0	NV	40	-7.00	-0.004070	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	50	-5.00	-0.002907	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	4.70	0.002693	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	0.10	0.000057	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	4.40	0.002521	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-1.20	-0.000688	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	0.90	0.000516	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-0.70	-0.000401	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	2.90	0.001662	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	-0.40	-0.000229	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-30	7.70	0.004350	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	6.80	0.003842	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-10	8.20	0.004633	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	9.50	0.005367	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	4.90	0.002768	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	11.80	0.006667	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	30	9.00	0.005085	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	40	3.60	0.002034	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	50	10.80	0.006102	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-30	-6.50	-0.003779	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-20	-7.20	-0.004186	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-10	-0.70	-0.000407	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	0	-0.60	-0.000349	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	10	-1.90	-0.001105	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	20	-3.40	-0.001977	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	30	-4.80	-0.002791	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	40	-7.40	-0.004302	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	50	-8.80	-0.005116	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-30	0.70	0.000401	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-20	2.20	0.001261	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-10	-0.10	-0.000057	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	0	4.00	0.002292	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	10	4.60	0.002636	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	20	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	30	-1.80	-0.001032	±2.5	PASS



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Band66	20MHz	64QAM	132322	100RB#0	NV	40	-1.90	-0.001089	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-30	7.20	0.004068	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-20	9.20	0.005198	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-10	2.00	0.001130	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	0	6.40	0.003616	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	10	5.00	0.002825	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	20	5.70	0.003220	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	30	5.20	0.002938	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	40	5.40	0.003051	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	50	4.50	0.002542	±2.5	PASS

The End



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