Appendix B

E-UTRA Band 66

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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER....4

1.1. TEST RESULT....4

2. PEAK-TO-AVERAGE RATIO (CCDF)....17

2.1. TEST RESULT....17

2.2. TEST PLOTS....18

3. MODULATION CHARACTERISTICS....23

3.1. TEST MODE = LTE /TM1 20MHZ....23

3.1.1. TEST CHANNEL = MCH....23

3.2. TEST MODE = LTE /TM2 20MHZ....24

3.2.1. TEST CHANNEL = MCH....24

3.3. TEST MODE = LTE /TM3 20MHZ....25

3.3.1. TEST CHANNEL = MCH....25

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH....26

4.1. TEST RESULT....26

4.2. TEST PLOTS....28

5. BAND EDGE COMPLIANCE....56

5.1. TEST PLOTS....56

6. SPURIOUS EMISSION AT ANTENNA TERMINAL....93

6.1. TEST PLOTS....93

7. FIELD STRENGTH OF SPURIOUS RADIATION....103

7.1. TEST MODE =LTE/TM1 20MHZ....103

7.1.1. TEST CHANNEL = LCH....103

7.1.2. TEST CHANNEL = MCH....103

7.1.3. TEST CHANNEL = HCH....104

8. FREQUENCY STABILITY....105

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8.1. FREQUENCY VS VOLTAGE.....105
8.2. FREQUENCY VS TEMPERATURE.....106

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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	23.59	20.59	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.47	20.47	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	23.47	20.47	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.60	20.60	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.59	20.59	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.64	20.64	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.61	19.61	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.43	20.43	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.55	20.55	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.42	20.42	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.57	20.57	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.52	20.52	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.53	20.53	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.53	19.53	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.35	20.35	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.47	20.47	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.33	20.33	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.51	20.51	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.47	20.47	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.45	20.45	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.45	19.45	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.67	18.67	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.50	18.50	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.52	18.52	30	PASS

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Band66	1.4MHz	64QAM	131979	3RB#0	21.56	18.56	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#1	21.59	18.59	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#3	21.56	18.56	30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	20.47	17.47	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.45	18.45	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.53	18.53	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.47	18.47	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#1	21.52	18.52	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#3	21.53	18.53	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#0	21.49	18.49	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.41	17.41	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.44	18.44	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.41	18.41	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.57	18.57	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#0	21.47	18.47	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#1	21.53	18.53	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#3	21.45	18.45	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.39	17.39	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.67	19.67	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.91	19.91	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.69	19.69	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.65	19.65	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.72	19.72	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.63	19.63	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.65	18.65	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.66	19.66	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.67	19.67	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.70	19.70	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.59	19.59	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.63	19.63	30	PASS

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Band66	1.4MHz	16QAM	132322	3RB#3	22.62	19.62	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.58	18.58	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.65	19.65	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.59	19.59	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.80	19.80	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.52	19.52	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.63	19.63	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.59	19.59	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.55	18.55	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.58	20.58	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.55	20.55	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.57	20.57	30	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.61	19.61	30	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.63	19.63	30	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.65	19.65	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.60	19.60	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.52	20.52	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.47	20.47	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.47	20.47	30	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.57	19.57	30	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.55	19.55	30	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.55	19.55	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.54	19.54	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.43	20.43	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.41	20.41	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.41	20.41	30	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.46	19.46	30	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.52	19.52	30	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.48	19.48	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.48	19.48	30	PASS

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Band66	3MHz	64QAM	131987	1RB#0	21.61	18.61	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.63	18.63	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.59	18.59	30	PASS
Band66	3MHz	64QAM	131987	8RB#0	20.51	17.51	30	PASS
Band66	3MHz	64QAM	131987	8RB#4	20.52	17.52	30	PASS
Band66	3MHz	64QAM	131987	8RB#7	20.53	17.53	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.49	17.49	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.51	18.51	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.56	18.56	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.52	18.52	30	PASS
Band66	3MHz	64QAM	132322	8RB#0	20.44	17.44	30	PASS
Band66	3MHz	64QAM	132322	8RB#7	20.42	17.42	30	PASS
Band66	3MHz	64QAM	132322	8RB#4	20.49	17.49	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.41	17.41	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.46	18.46	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.51	18.51	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.46	18.46	30	PASS
Band66	3MHz	64QAM	132657	8RB#7	20.39	17.39	30	PASS
Band66	3MHz	64QAM	132657	8RB#0	20.41	17.41	30	PASS
Band66	3MHz	64QAM	132657	8RB#4	20.42	17.42	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.39	17.39	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.84	19.84	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.86	19.86	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.88	19.88	30	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.63	18.63	30	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.64	18.64	30	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.68	18.68	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.58	18.58	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.74	19.74	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.75	19.75	30	PASS

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Band66	3MHz	16QAM	132322	1RB#0	22.74	19.74	30	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.62	18.62	30	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.59	18.59	30	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.57	18.57	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.50	18.50	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.69	19.69	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.67	19.67	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.61	19.61	30	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.54	18.54	30	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.56	18.56	30	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.51	18.51	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.47	18.47	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.78	20.78	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.48	20.48	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.44	20.44	30	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.64	19.64	30	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.67	19.67	30	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.60	19.60	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.61	19.61	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.40	20.40	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.37	20.37	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.70	20.70	30	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.54	19.54	30	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.54	19.54	30	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.59	19.59	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.54	19.54	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.29	20.29	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.33	20.33	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.61	20.61	30	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.48	19.48	30	PASS

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Band66	5MHz	QPSK	132647	12RB#6	22.53	19.53	30	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.46	19.46	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.48	19.48	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.51	18.51	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.48	18.48	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.82	18.82	30	PASS
Band66	5MHz	64QAM	131997	12RB#0	20.49	17.49	30	PASS
Band66	5MHz	64QAM	131997	12RB#13	20.51	17.51	30	PASS
Band66	5MHz	64QAM	131997	12RB#6	20.56	17.56	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.49	17.49	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.71	18.71	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.41	18.41	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.44	18.44	30	PASS
Band66	5MHz	64QAM	132322	12RB#0	20.41	17.41	30	PASS
Band66	5MHz	64QAM	132322	12RB#6	20.48	17.48	30	PASS
Band66	5MHz	64QAM	132322	12RB#13	20.40	17.40	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.43	17.43	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.69	18.69	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.41	18.41	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	21.37	18.37	30	PASS
Band66	5MHz	64QAM	132647	12RB#13	20.37	17.37	30	PASS
Band66	5MHz	64QAM	132647	12RB#6	20.46	17.46	30	PASS
Band66	5MHz	64QAM	132647	12RB#0	20.40	17.40	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.40	17.40	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.71	19.71	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.02	20.02	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.76	19.76	30	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.60	18.60	30	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.69	18.69	30	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.60	18.60	30	PASS

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Band66	5MHz	16QAM	131997	25RB#0	21.60	18.60	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.60	19.60	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.93	19.93	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.69	19.69	30	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.61	18.61	30	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.54	18.54	30	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.51	18.51	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.51	18.51	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.50	19.50	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.60	19.60	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.79	19.79	30	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.49	18.49	30	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.56	18.56	30	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.48	18.48	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.46	18.46	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.56	20.56	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.64	20.64	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.54	20.54	30	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.63	19.63	30	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.65	19.65	30	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.67	19.67	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.65	19.65	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.51	20.51	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.59	20.59	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.47	20.47	30	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.59	19.59	30	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.56	19.56	30	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.58	19.58	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.58	19.58	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.43	20.43	30	PASS

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Band66	10MHz	QPSK	132622	1RB#24	23.55	20.55	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.40	20.40	30	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.55	19.55	30	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.53	19.53	30	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.50	19.50	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.53	19.53	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.58	18.58	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.56	18.56	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.68	18.68	30	PASS
Band66	10MHz	64QAM	132022	25RB#12	20.54	17.54	30	PASS
Band66	10MHz	64QAM	132022	25RB#0	20.51	17.51	30	PASS
Band66	10MHz	64QAM	132022	25RB#25	20.55	17.55	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.54	17.54	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.51	18.51	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.47	18.47	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.62	18.62	30	PASS
Band66	10MHz	64QAM	132322	25RB#0	20.46	17.46	30	PASS
Band66	10MHz	64QAM	132322	25RB#12	20.49	17.49	30	PASS
Band66	10MHz	64QAM	132322	25RB#25	20.43	17.43	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.46	17.46	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.49	18.49	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.64	18.64	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.56	18.56	30	PASS
Band66	10MHz	64QAM	132622	25RB#25	20.43	17.43	30	PASS
Band66	10MHz	64QAM	132622	25RB#0	20.47	17.47	30	PASS
Band66	10MHz	64QAM	132622	25RB#12	20.45	17.45	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.43	17.43	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.84	19.84	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.79	19.79	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.87	19.87	30	PASS

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Band66	10MHz	16QAM	132022	25RB#25	21.64	18.64	30	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.59	18.59	30	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.61	18.61	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.62	18.62	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.68	19.68	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.88	19.88	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.75	19.75	30	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.56	18.56	30	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.55	18.55	30	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.53	18.53	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.55	18.55	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.87	19.87	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.64	19.64	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.76	19.76	30	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.54	18.54	30	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.52	18.52	30	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.50	18.50	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.53	18.53	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.52	20.52	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.59	20.59	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.49	20.49	30	PASS
Band66	15MHz	QPSK	132047	36RB#39	22.65	19.65	30	PASS
Band66	15MHz	QPSK	132047	36RB#18	22.65	19.65	30	PASS
Band66	15MHz	QPSK	132047	36RB#0	22.62	19.62	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.61	19.61	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.43	20.43	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.45	20.45	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.53	20.53	30	PASS
Band66	15MHz	QPSK	132322	36RB#0	22.58	19.58	30	PASS
Band66	15MHz	QPSK	132322	36RB#39	22.56	19.56	30	PASS

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Band66	15MHz	QPSK	132322	36RB#18	22.58	19.58	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.55	19.55	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.47	20.47	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.39	20.39	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.37	20.37	30	PASS
Band66	15MHz	QPSK	132597	36RB#39	22.50	19.50	30	PASS
Band66	15MHz	QPSK	132597	36RB#0	22.55	19.55	30	PASS
Band66	15MHz	QPSK	132597	36RB#18	22.56	19.56	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.53	19.53	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.49	18.49	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.60	18.60	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.55	18.55	30	PASS
Band66	15MHz	64QAM	132047	36RB#0	20.47	17.47	30	PASS
Band66	15MHz	64QAM	132047	36RB#18	20.51	17.51	30	PASS
Band66	15MHz	64QAM	132047	36RB#39	20.51	17.51	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.51	17.51	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.47	18.47	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.54	18.54	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.55	18.55	30	PASS
Band66	15MHz	64QAM	132322	36RB#0	20.45	17.45	30	PASS
Band66	15MHz	64QAM	132322	36RB#18	20.46	17.46	30	PASS
Band66	15MHz	64QAM	132322	36RB#39	20.42	17.42	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.44	17.44	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.56	18.56	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.42	18.42	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.46	18.46	30	PASS
Band66	15MHz	64QAM	132597	36RB#0	20.42	17.42	30	PASS
Band66	15MHz	64QAM	132597	36RB#18	20.44	17.44	30	PASS
Band66	15MHz	64QAM	132597	36RB#39	20.40	17.40	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.45	17.45	30	PASS

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Band66	15MHz	16QAM	132047	1RB#0	22.77	19.77	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.88	19.88	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.73	19.73	30	PASS
Band66	15MHz	16QAM	132047	36RB#0	21.57	18.57	30	PASS
Band66	15MHz	16QAM	132047	36RB#18	21.60	18.60	30	PASS
Band66	15MHz	16QAM	132047	36RB#39	21.63	18.63	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.62	18.62	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.79	19.79	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.73	19.73	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.70	19.70	30	PASS
Band66	15MHz	16QAM	132322	36RB#0	21.53	18.53	30	PASS
Band66	15MHz	16QAM	132322	36RB#18	21.55	18.55	30	PASS
Band66	15MHz	16QAM	132322	36RB#39	21.48	18.48	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.52	18.52	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.71	19.71	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.70	19.70	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.56	19.56	30	PASS
Band66	15MHz	16QAM	132597	36RB#39	21.47	18.47	30	PASS
Band66	15MHz	16QAM	132597	36RB#0	21.53	18.53	30	PASS
Band66	15MHz	16QAM	132597	36RB#18	21.54	18.54	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.51	18.51	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.63	20.63	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.39	20.39	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.43	20.43	30	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.58	19.58	30	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.62	19.62	30	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.66	19.66	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.61	19.61	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.36	20.36	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.62	20.62	30	PASS

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Band66	20MHz	QPSK	132322	1RB#0	23.38	20.38	30	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.59	19.59	30	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.55	19.55	30	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.48	19.48	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.51	19.51	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.57	20.57	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.35	20.35	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.29	20.29	30	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.56	19.56	30	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.48	19.48	30	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.59	19.59	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.53	19.53	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.46	18.46	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.70	18.70	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.44	18.44	30	PASS
Band66	20MHz	64QAM	132072	50RB#0	20.46	17.46	30	PASS
Band66	20MHz	64QAM	132072	50RB#25	20.52	17.52	30	PASS
Band66	20MHz	64QAM	132072	50RB#50	20.55	17.55	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.49	17.49	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.39	18.39	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.44	18.44	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.67	18.67	30	PASS
Band66	20MHz	64QAM	132322	50RB#25	20.50	17.50	30	PASS
Band66	20MHz	64QAM	132322	50RB#50	20.41	17.41	30	PASS
Band66	20MHz	64QAM	132322	50RB#0	20.45	17.45	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.41	17.41	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.63	18.63	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.39	18.39	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.40	18.40	30	PASS
Band66	20MHz	64QAM	132572	50RB#50	20.39	17.39	30	PASS

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Band66	20MHz	64QAM	132572	50RB#0	20.48	17.48	30	PASS
Band66	20MHz	64QAM	132572	50RB#25	20.47	17.47	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.40	17.40	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.59	19.59	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.68	19.68	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.93	19.93	30	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.54	18.54	30	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.62	18.62	30	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.62	18.62	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.58	18.58	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.61	19.61	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.79	19.79	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.71	19.71	30	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.54	18.54	30	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.51	18.51	30	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.46	18.46	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.48	18.48	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.48	19.48	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.77	19.77	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.62	19.62	30	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.44	18.44	30	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.54	18.54	30	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.55	18.55	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.51	18.51	30	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.30	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.16	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.19	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.38	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.26	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.29	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.09	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.97	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.00	13	PASS

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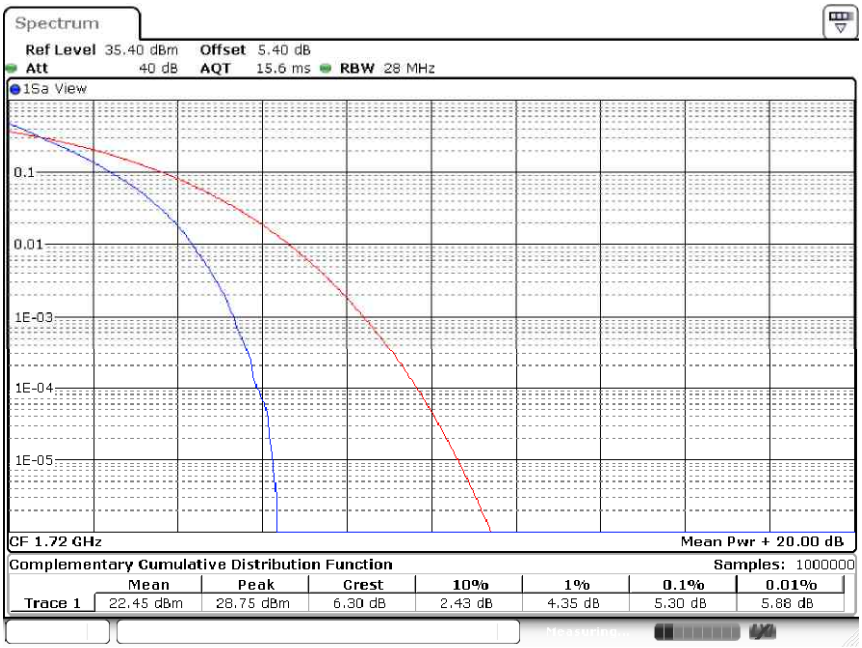
2.2. Test Plots

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



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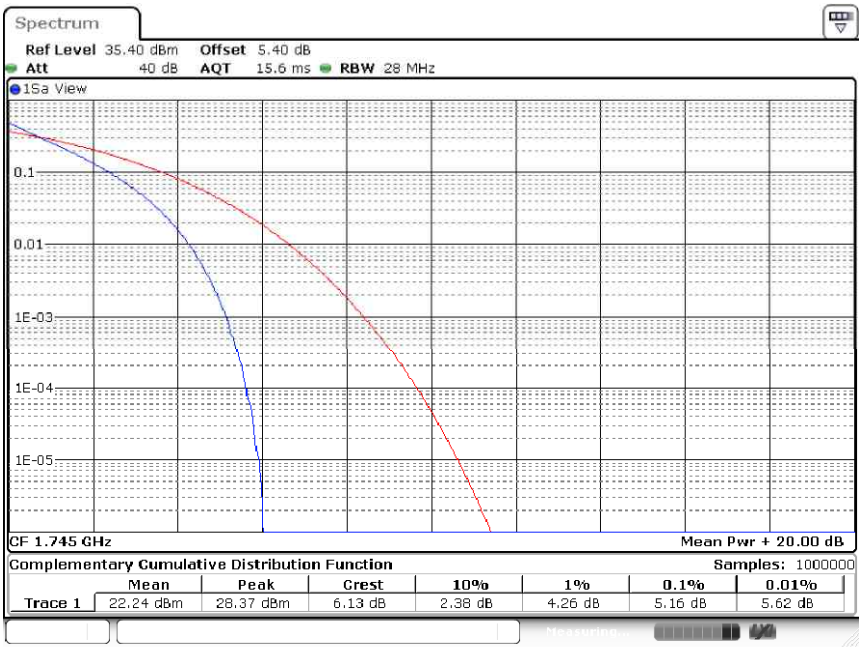
Band66-20MHz-QPSK-132322-100RB#0



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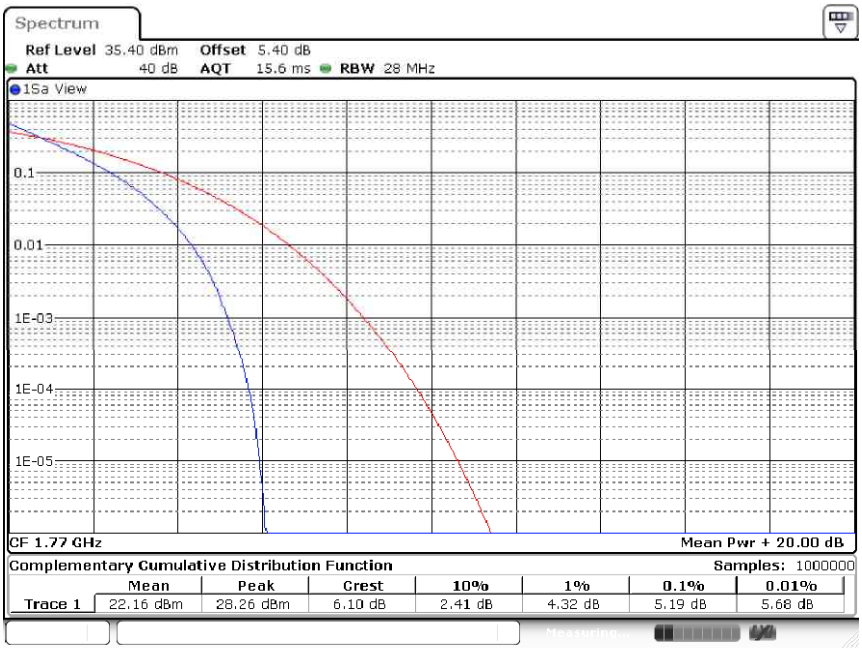
Band66-20MHz-QPSK-132572-100RB#0



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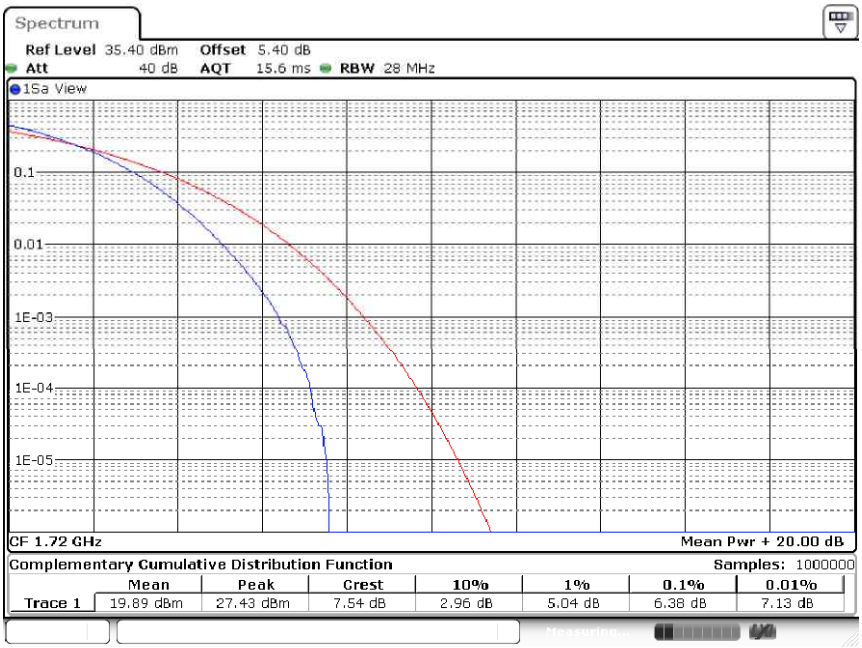
Band66-20MHz-64QAM-132072-100RB#0



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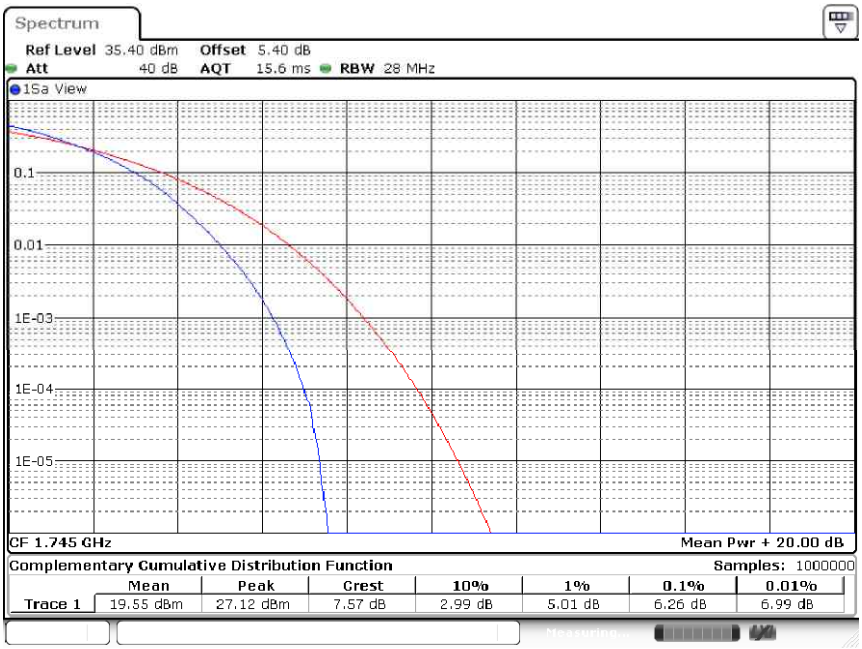
Band66-20MHz-64QAM-132322-100RB#0



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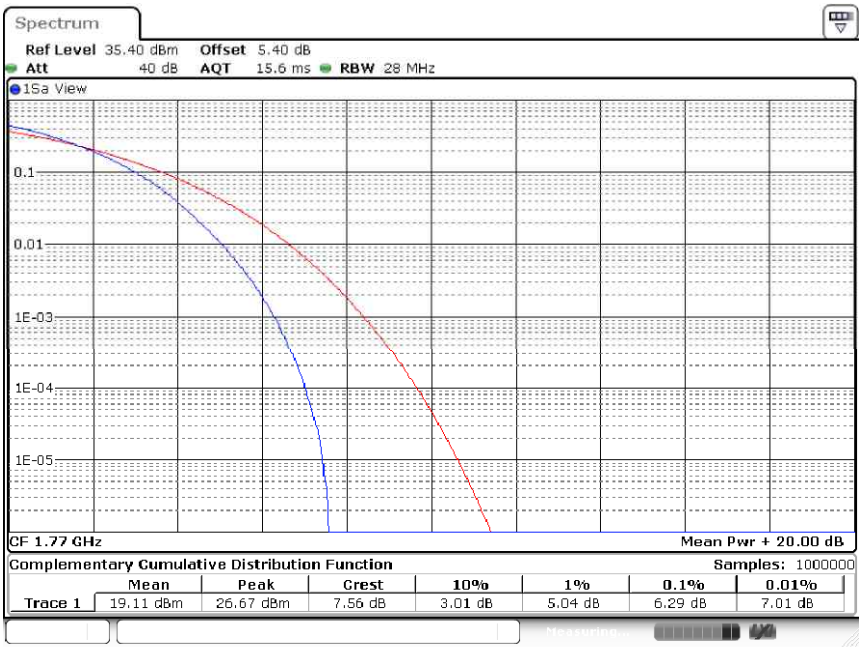
Band66-20MHz-64QAM-132572-100RB#0



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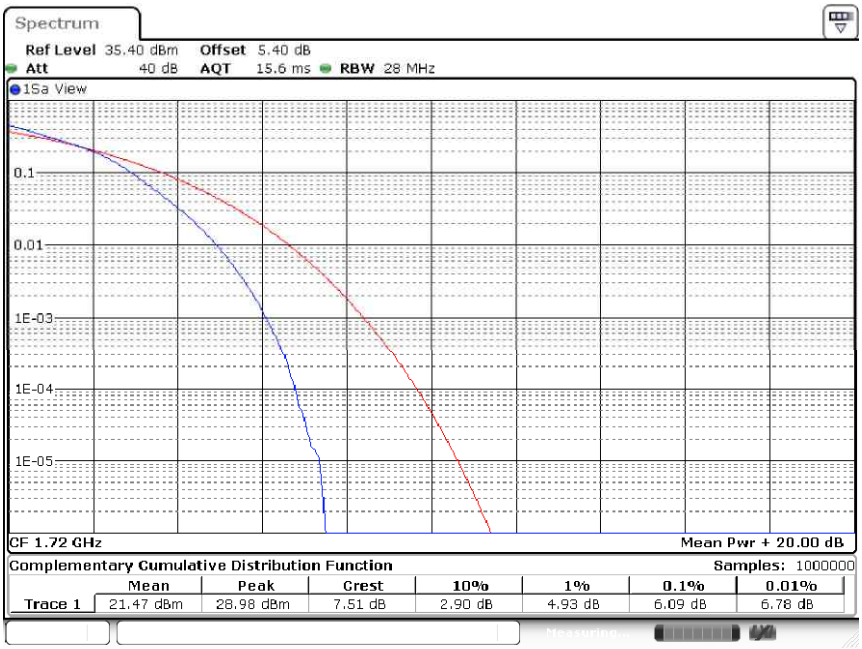
Band66-20MHz-16QAM-132072-100RB#0



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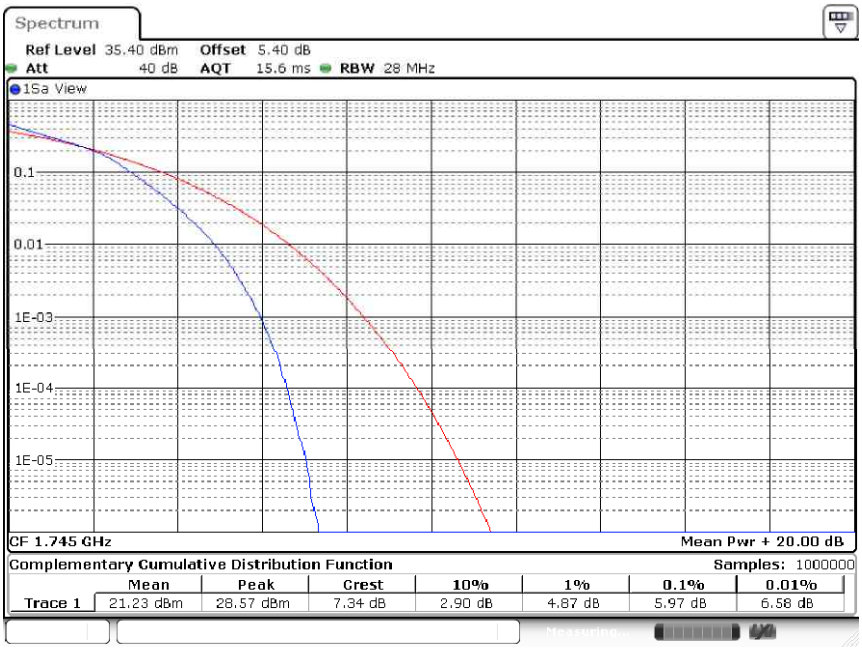
Band66-20MHz-16QAM-132322-100RB#0



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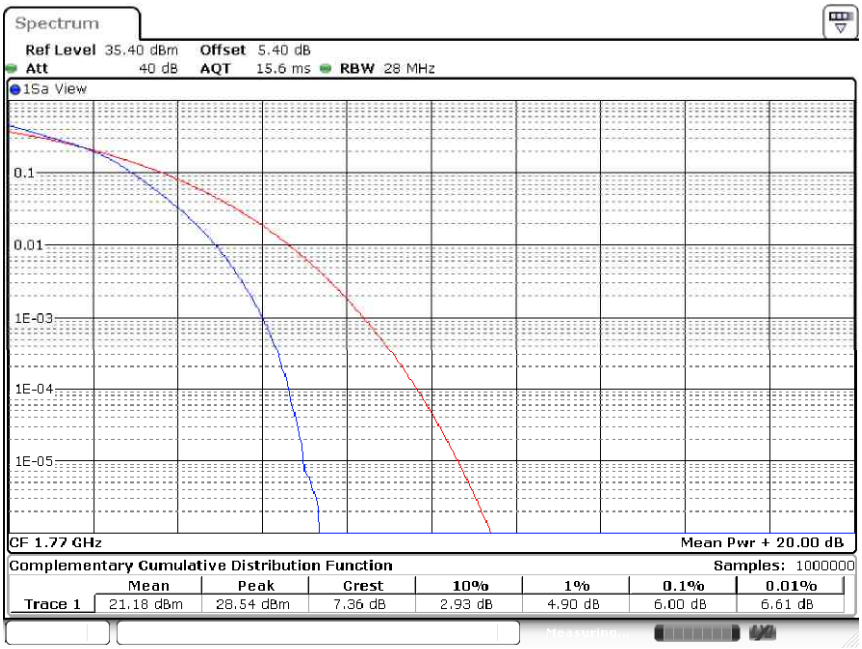
Band66-20MHz-16QAM-132572-100RB#0



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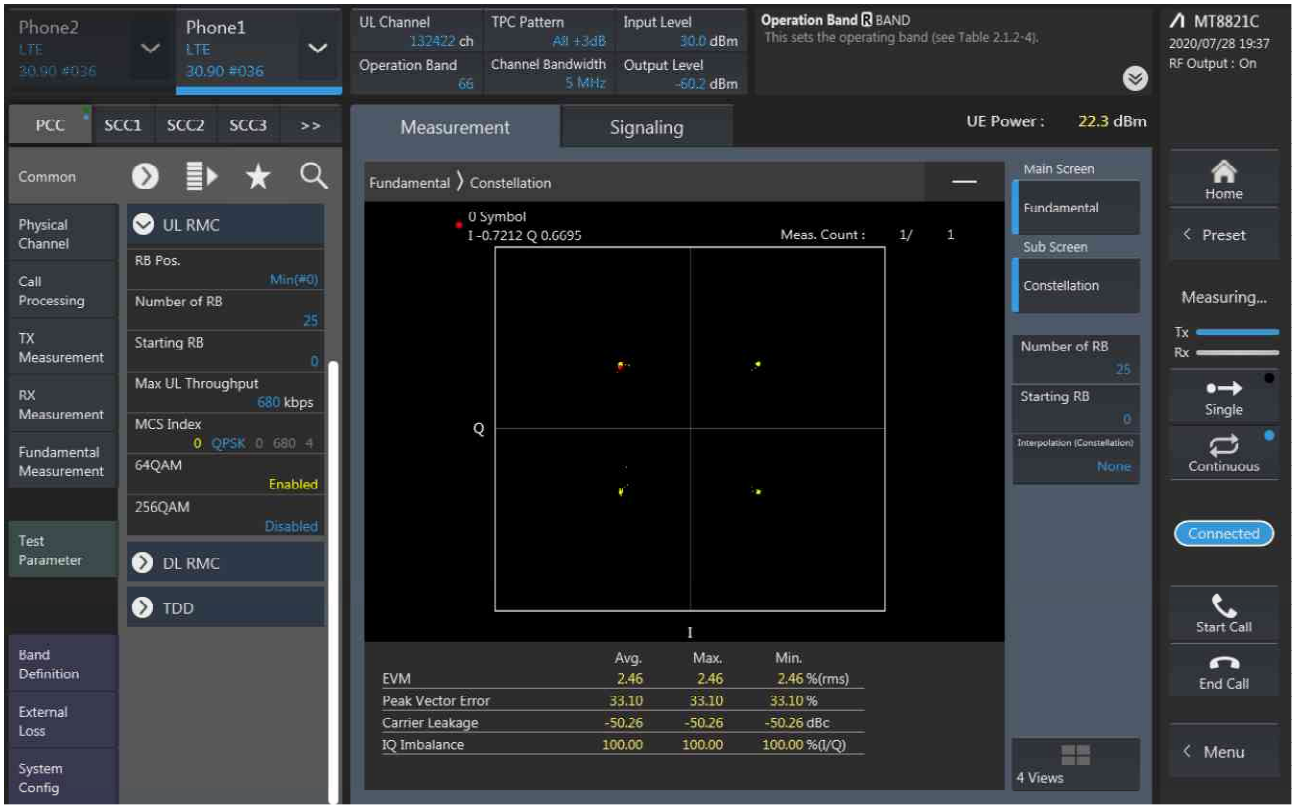
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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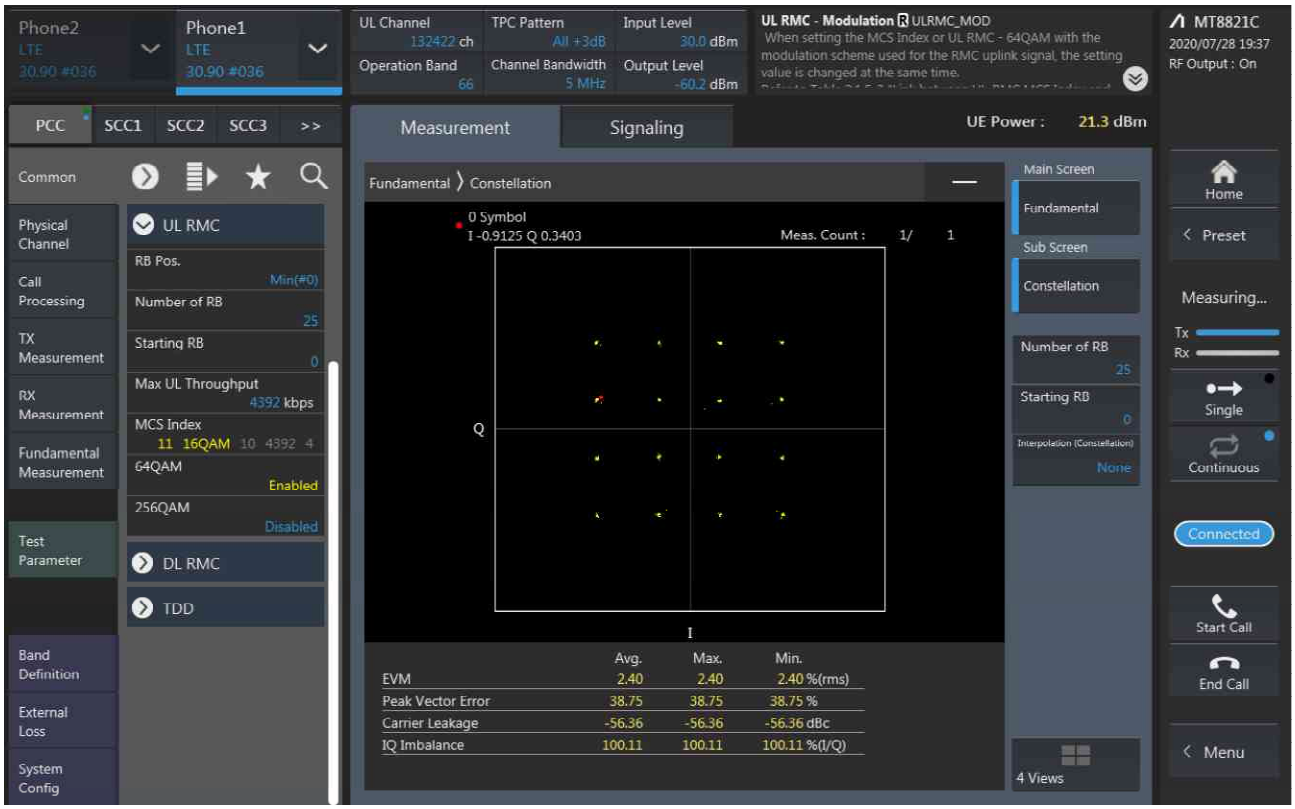
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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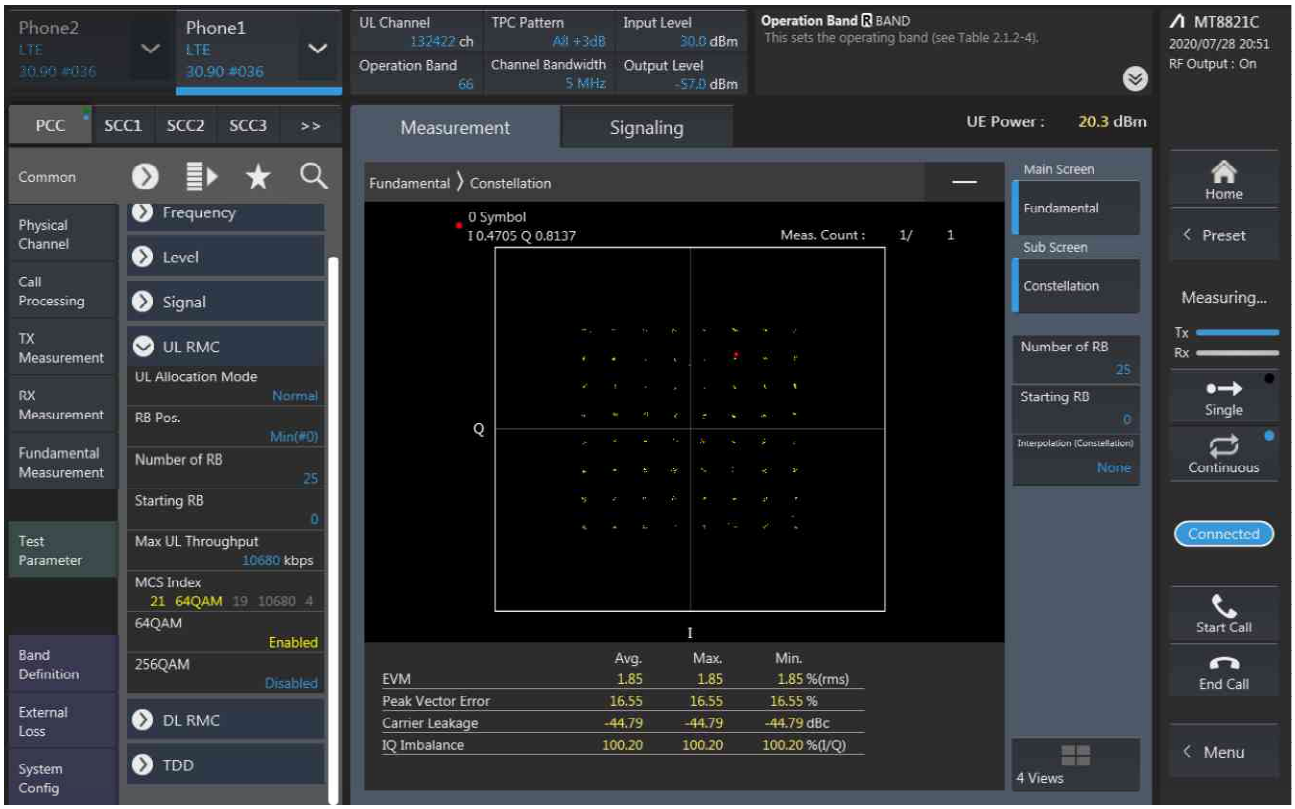
3.3. Test Mode = LTE /TM3 20MHz

3.3.1.Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.088	1.284	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.088	1.287	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.088	1.284	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.094	1.278	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.091	1.287	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.094	1.284	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.287	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.091	1.287	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.691	2.928	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.685	2.922	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.691	2.916	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.685	2.910	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.685	2.904	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.685	2.898	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.673	2.898	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.679	2.904	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.673	2.898	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	5.070	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.486	5.070	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	5.060	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.486	5.030	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.486	5.010	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	5.010	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	5.070	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.496	5.070	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.496	5.060	PASS

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Band66	10MHz	QPSK	132022	50RB#0	8.951	10.220	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.920	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.951	9.900	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.931	9.840	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.951	10.180	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.951	9.820	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.951	9.940	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.951	9.920	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.951	9.960	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.487	15.000	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.487	15.420	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.487	15.090	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.457	15.210	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.487	15.210	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.457	15.240	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.457	15.060	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.487	15.120	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.487	15.090	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.902	19.680	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.902	19.840	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.902	19.720	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.902	19.640	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.902	19.760	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.902	19.520	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.902	19.680	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.942	19.760	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.902	19.760	PASS

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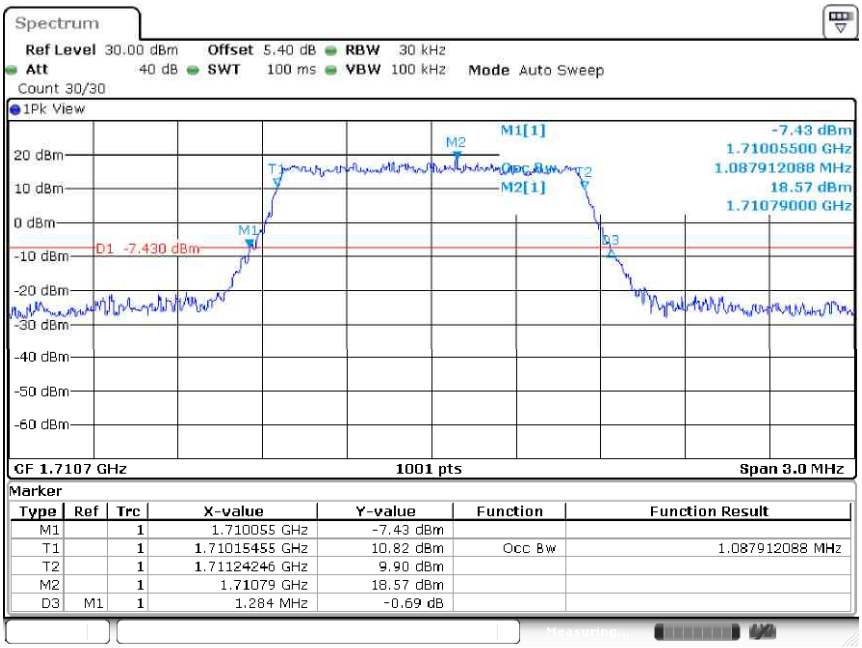
4.2. Test Plots

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



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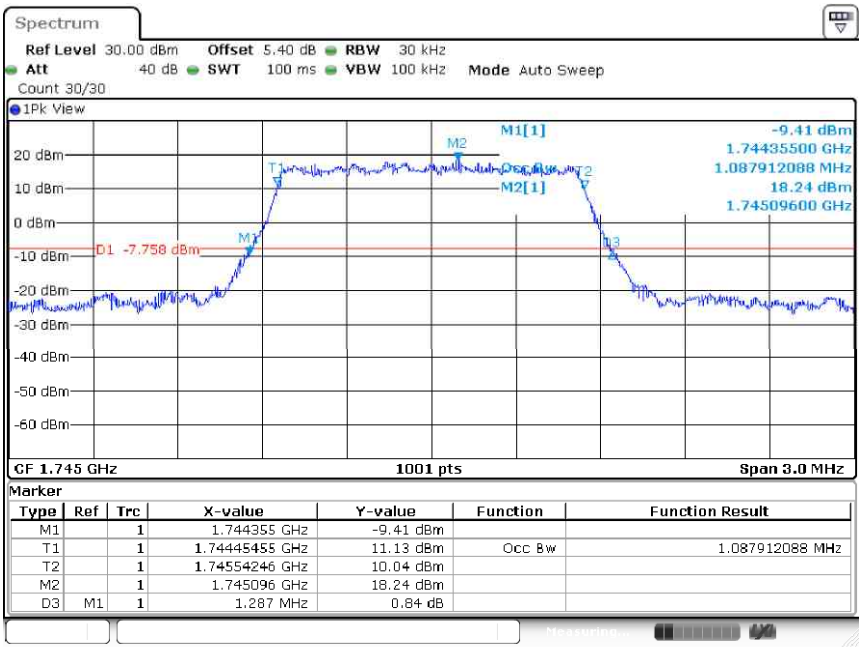
Band66-1.4MHz-QPSK-132322-6RB#0-1.088



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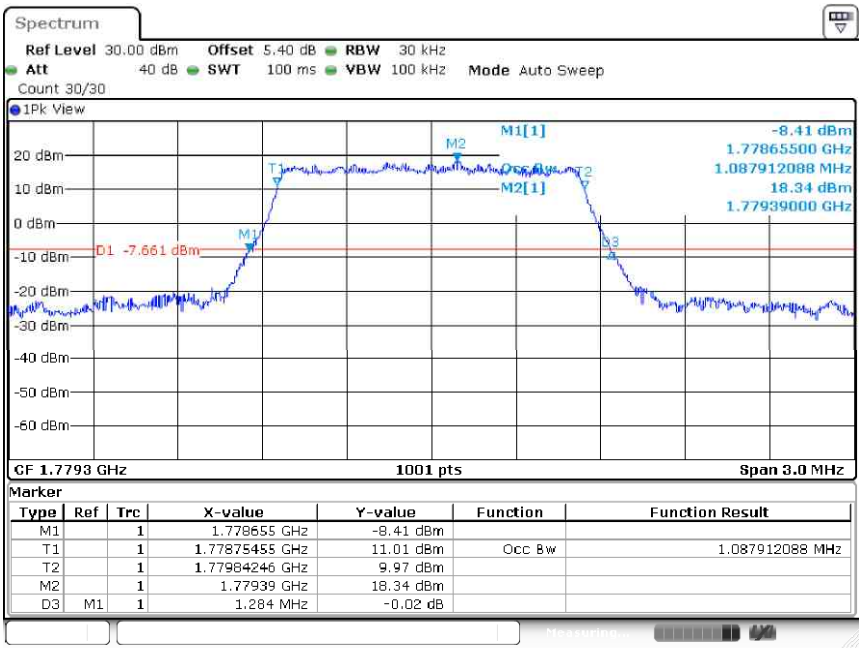
Band66-1.4MHz-QPSK-132665-6RB#0-1.088



Date: 23.JUN.2020 13:47:05

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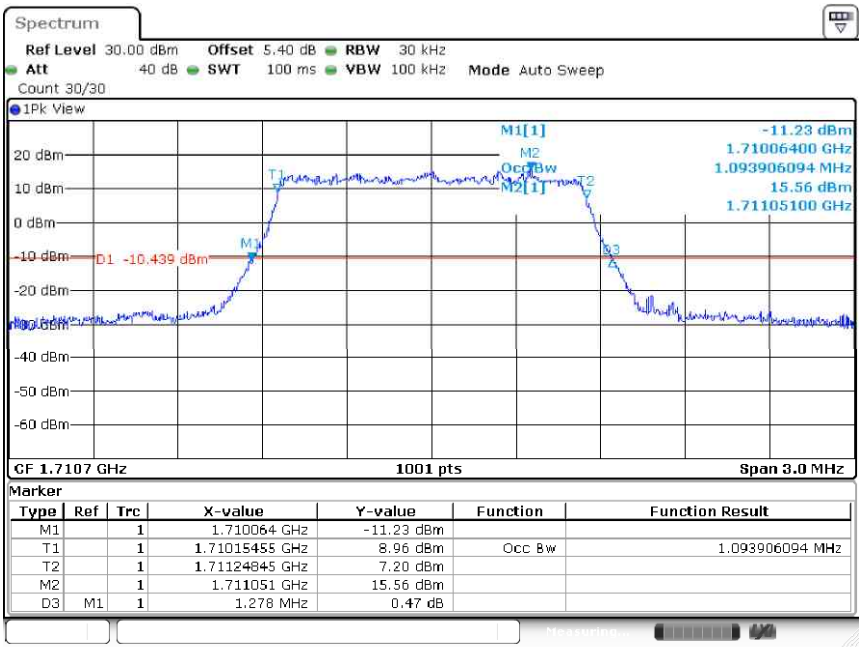
Band66-1.4MHz-64QAM-131979-6RB#0-1.094



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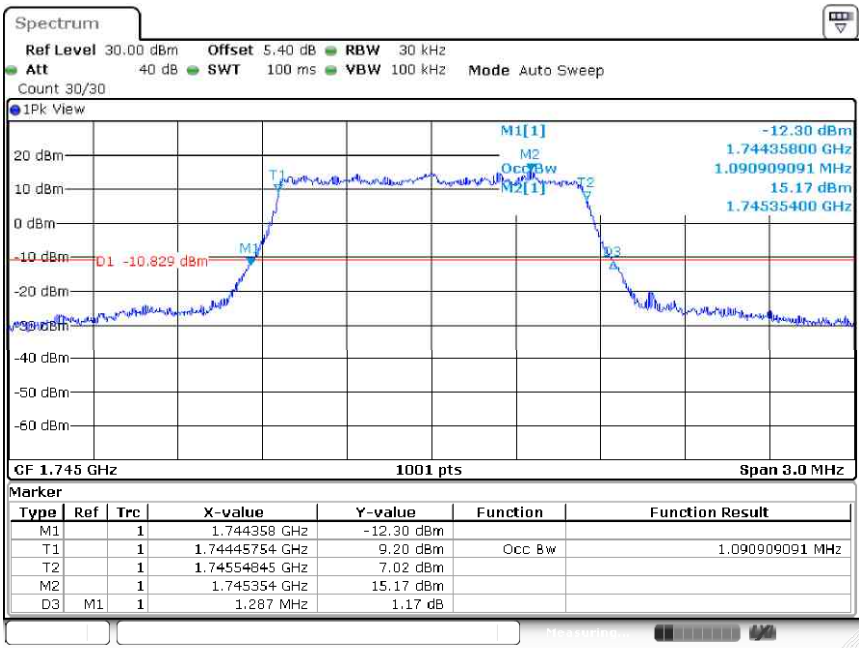
Band66-1.4MHz-64QAM-132322-6RB#0-1.091



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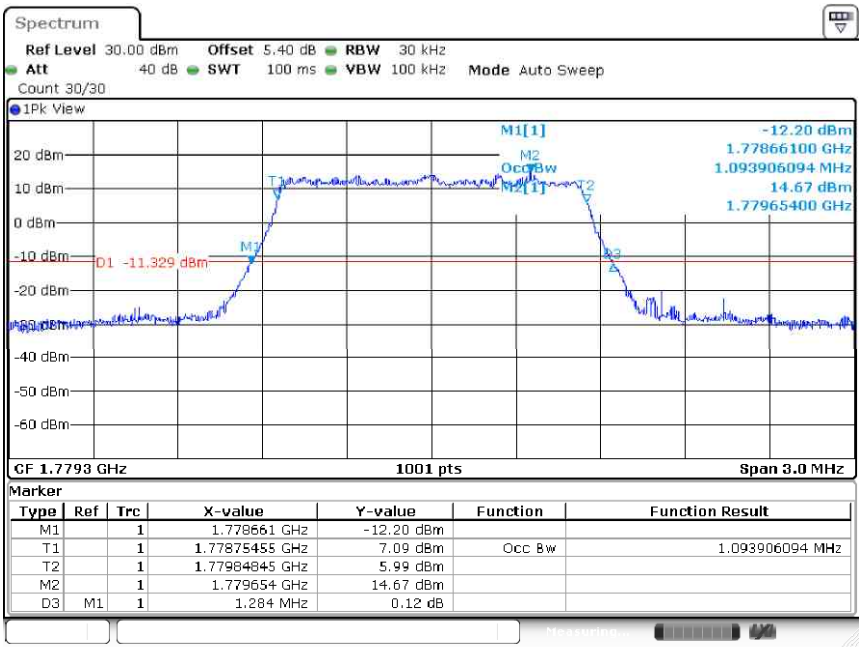
Band66-1.4MHz-64QAM-132665-6RB#0-1.094



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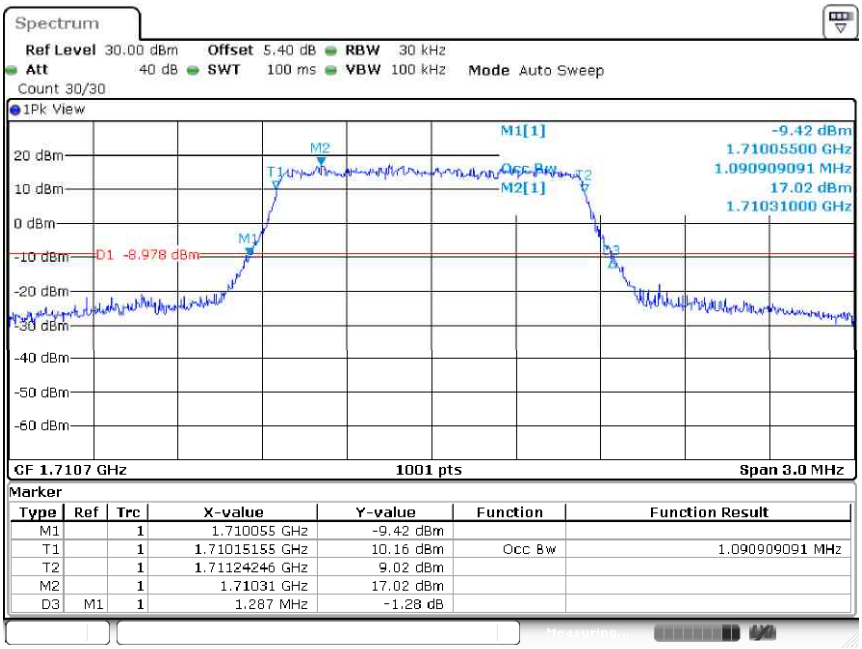
Band66-1.4MHz-16QAM-131979-6RB#0-1.091



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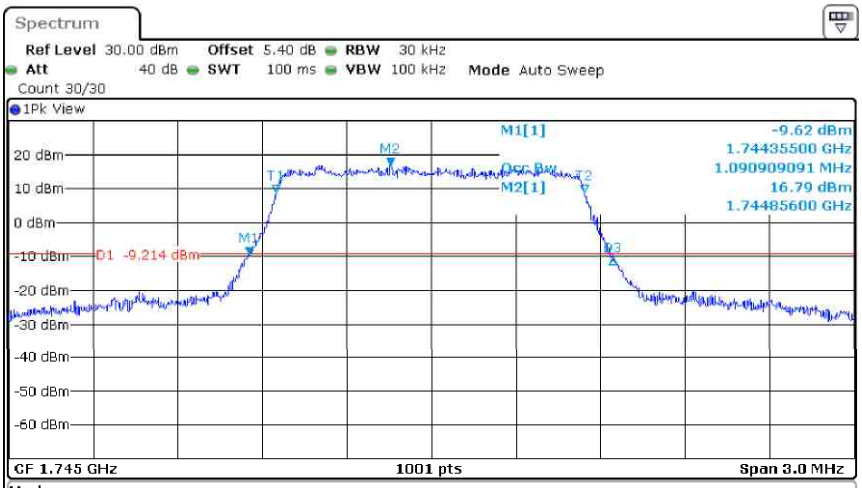
Band66-1.4MHz-16QAM-132322-6RB#0-1.091

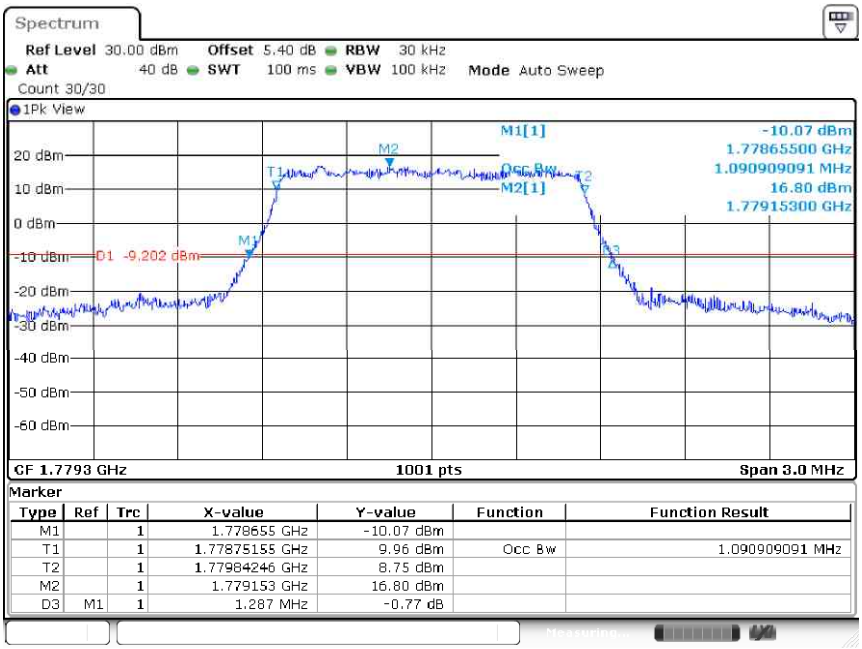


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.744355 GHz	-9.62 dBm		
T1		1	1.74445155 GHz	8.92 dBm	Occ Bw	1.090909091 MHz
T2		1	1.74554246 GHz	8.69 dBm		
M2		1	1.744856 GHz	16.79 dBm		
D3	M1	1	1.29 MHz	-0.64 dB		

Date: 23.JUN.2020 13:46:53

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.778655 GHz	-10.07 dBm		
T1		1	1.77875155 GHz	9.96 dBm	Occ Bw	1.090909091 MHz
T2		1	1.77984246 GHz	8.75 dBm		
M2		1	1.779153 GHz	16.80 dBm		
D3	M1	1	1.287 MHz	-0.77 dB		

Date: 23.JUN.2020 13:47:18

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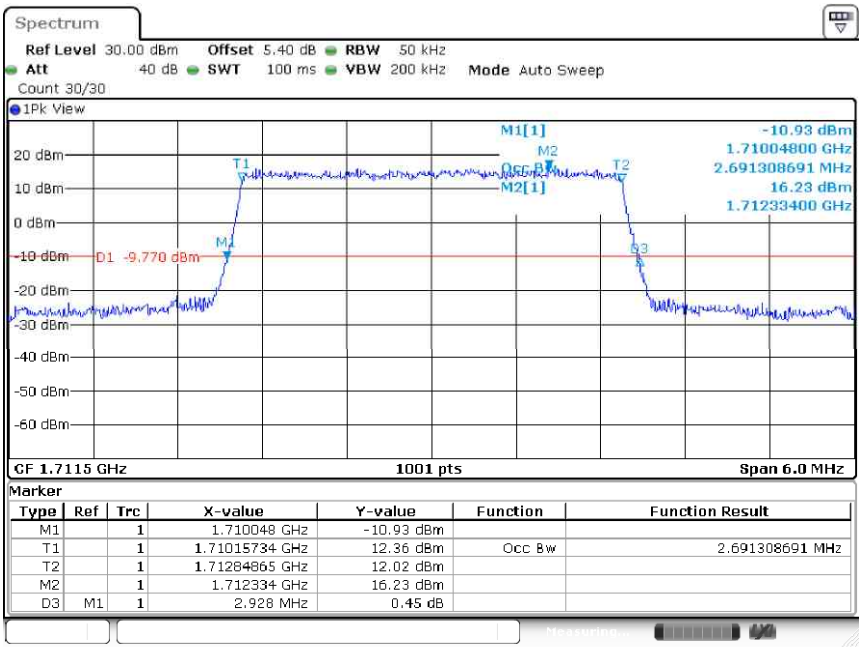
Band66-3MHz-QPSK-131987-15RB#0-2.691



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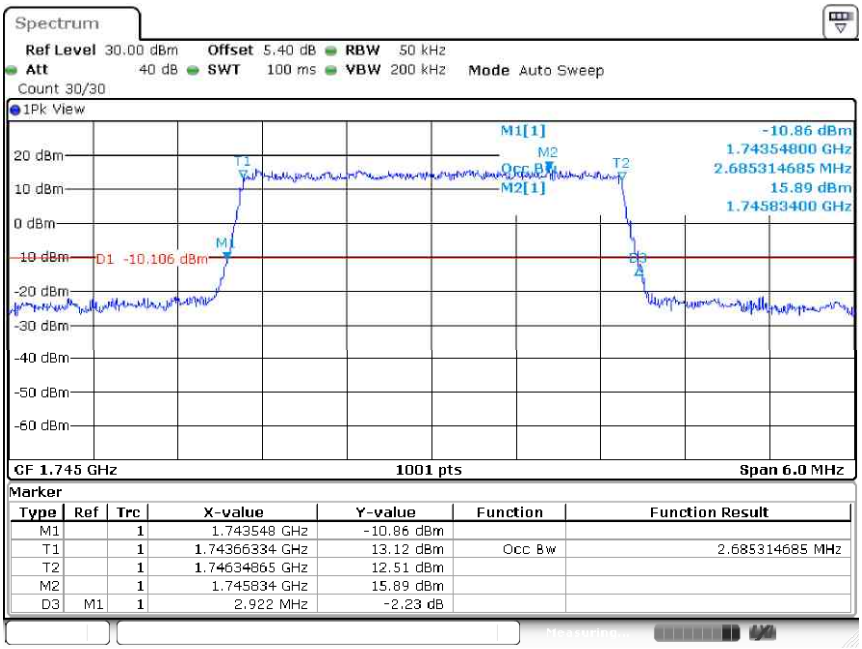
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710048 GHz	-10.93 dBm		
T1		1	1.71015734 GHz	12.36 dBm	Occ Bw	2.691308691 MHz
T2		1	1.71284865 GHz	12.02 dBm		
M2		1	1.712334 GHz	16.23 dBm		
D3	M1	1	2.928 MHz	0.45 dB		

Date: 23.JUN.2020 13:47:36

Band66-3MHz-QPSK-132322-15RB#0-2.685



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.743548 GHz	-10.86 dBm		
T1		1	1.74366334 GHz	13.12 dBm	Occ Bw	2.685314685 MHz
T2		1	1.74634865 GHz	12.51 dBm		
M2		1	1.745834 GHz	15.89 dBm		
D3	M1	1	2.922 MHz	-2.23 dB		

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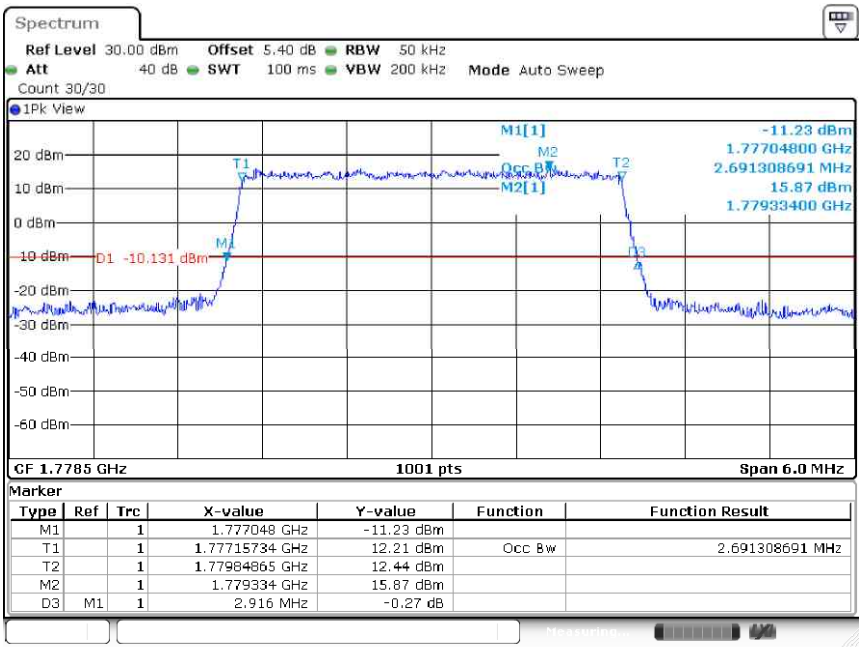
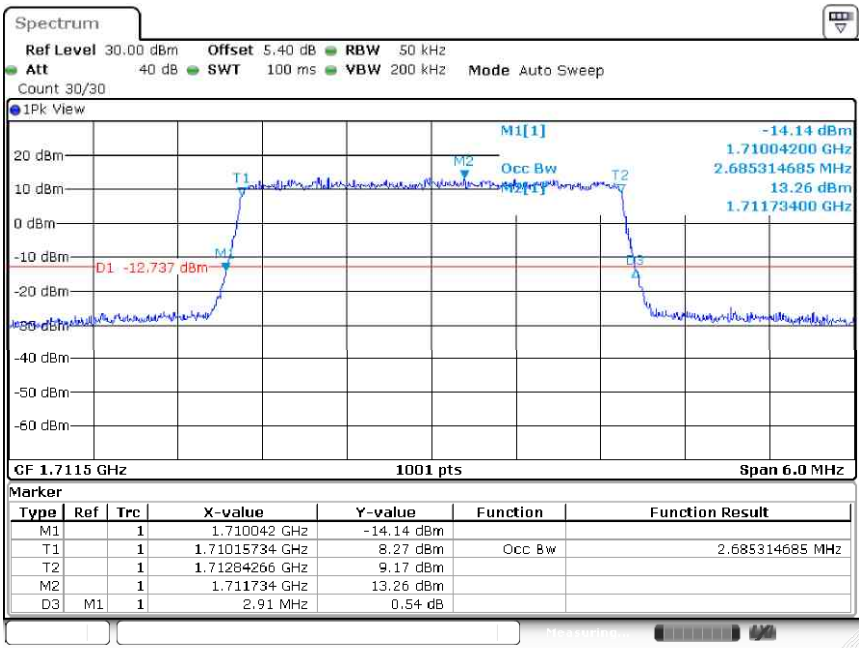
Band66-3MHz-QPSK-132657-15RB#0-2.691



Date: 23.JUN.2020 13:48:27

Band66-3MHz-64QAM-131987-15RB#0-2.685



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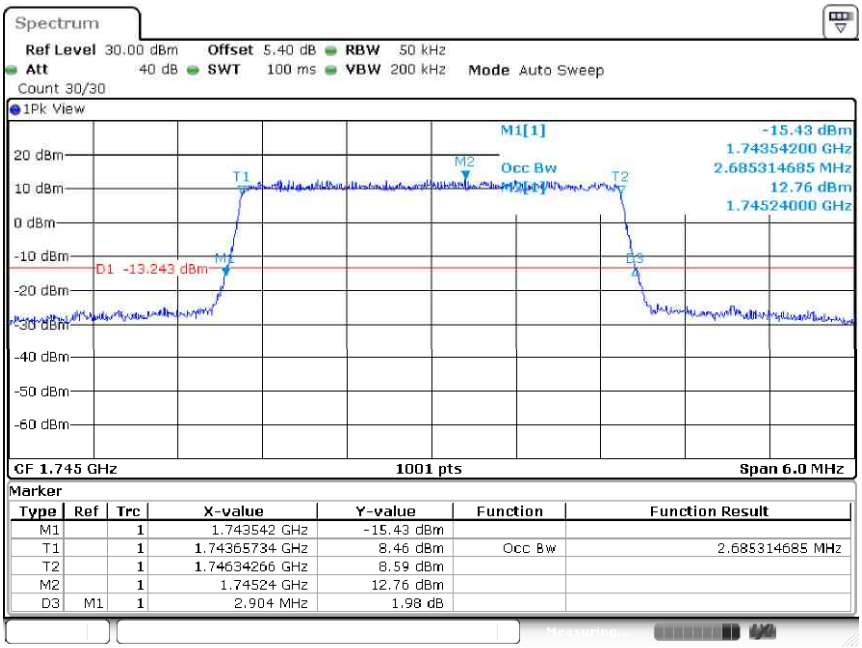
Band66-3MHz-64QAM-132322-15RB#0-2.685



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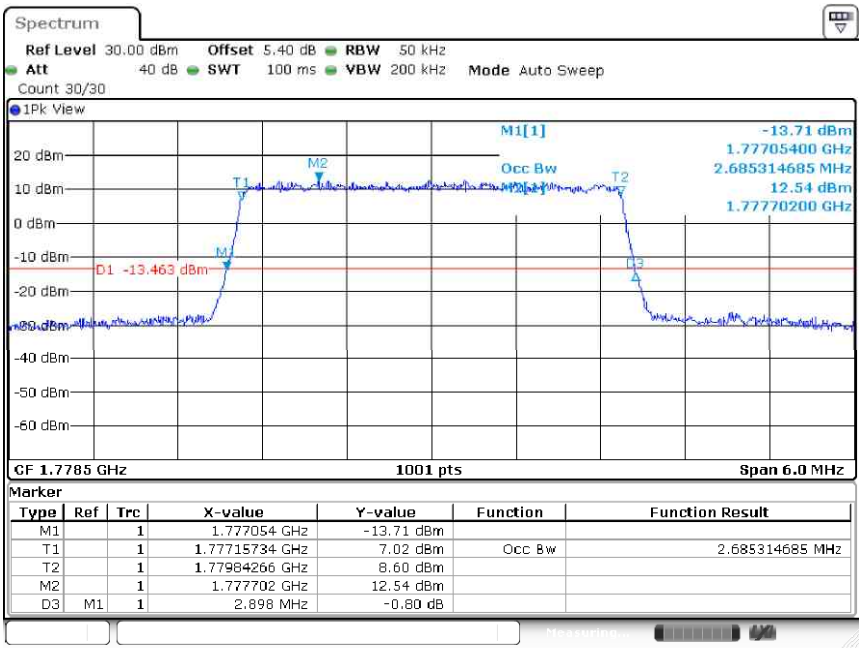
Band66-3MHz-64QAM-132657-15RB#0-2.685



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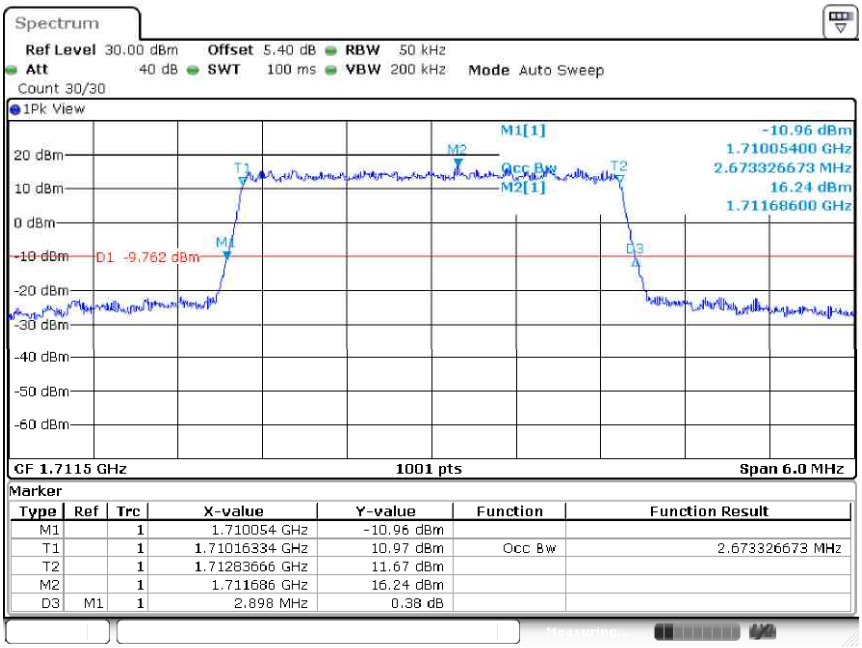
Band66-3MHz-16QAM-131987-15RB#0-2.673

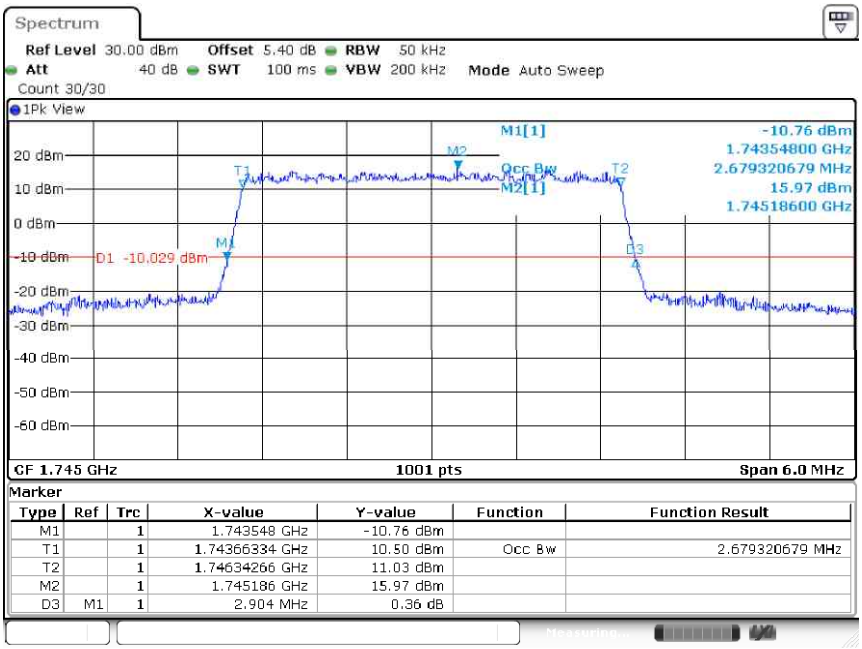


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710054 GHz	-10.96 dBm		
T1		1	1.71016334 GHz	10.97 dBm	Occ Bw	2.673326673 MHz
T2		1	1.71283666 GHz	11.67 dBm		
M2		1	1.711686 GHz	16.24 dBm		
D3	M1	1	2.898 MHz	0.38 dB		

Date: 23.JUN.2020 13:47:48

Band66-3MHz-16QAM-132322-15RB#0-2.679



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.743548 GHz	-10.76 dBm		
T1		1	1.74366334 GHz	10.50 dBm	Occ Bw	2.679320679 MHz
T2		1	1.74634266 GHz	11.03 dBm		
M2		1	1.745186 GHz	15.97 dBm		
D3	M1	1	2.904 MHz	0.36 dB		

Date: 23.JUN.2020 13:48:14

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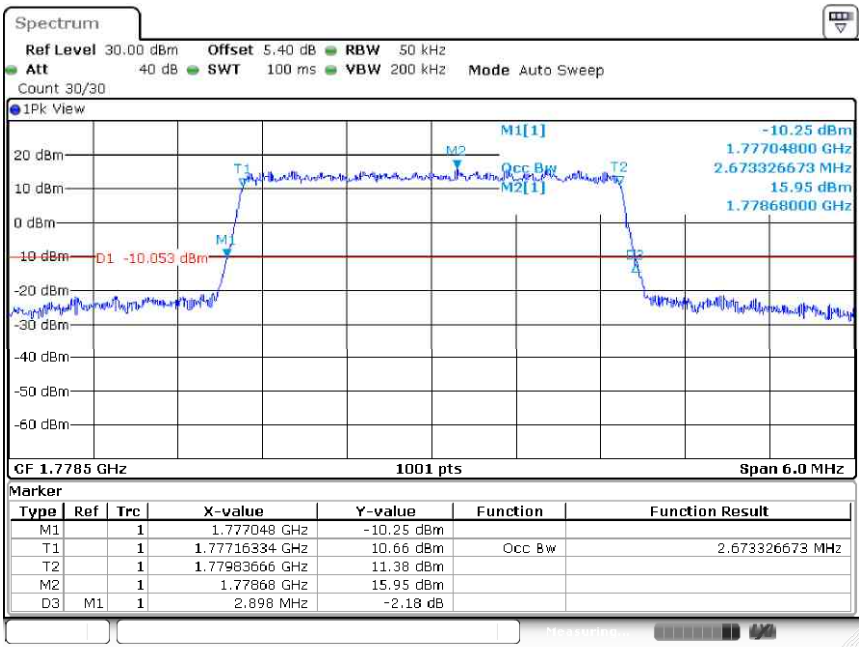
Band66-3MHz-16QAM-132657-15RB#0-2.673



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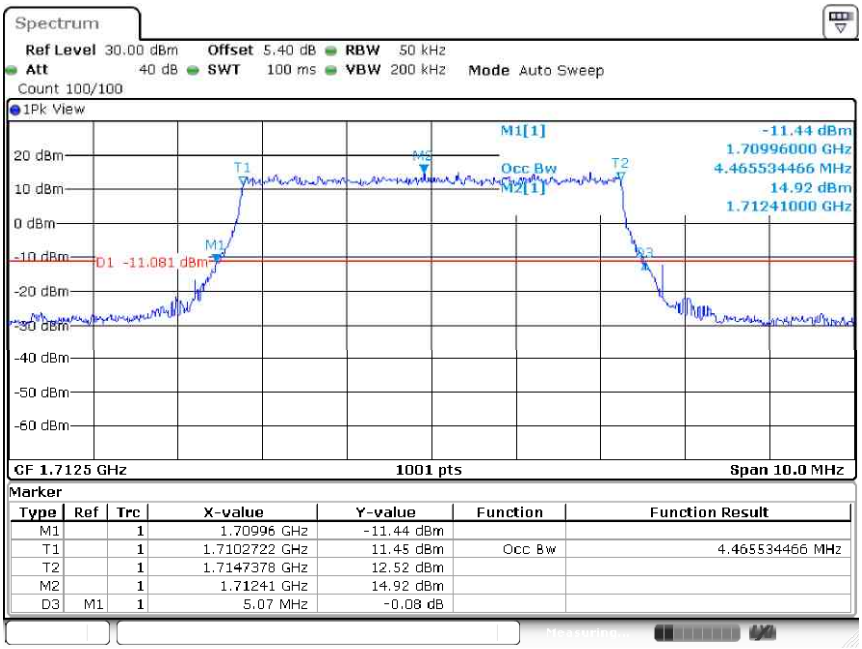
Band66-5MHz-QPSK-131997-25RB#0-4.466



Date: 23.JUN.2020 13:49:04

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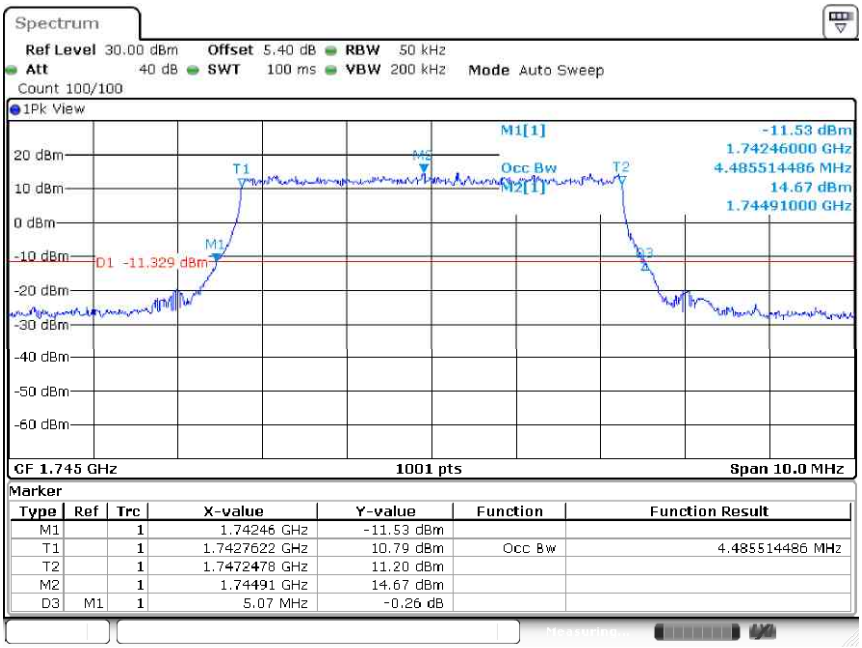
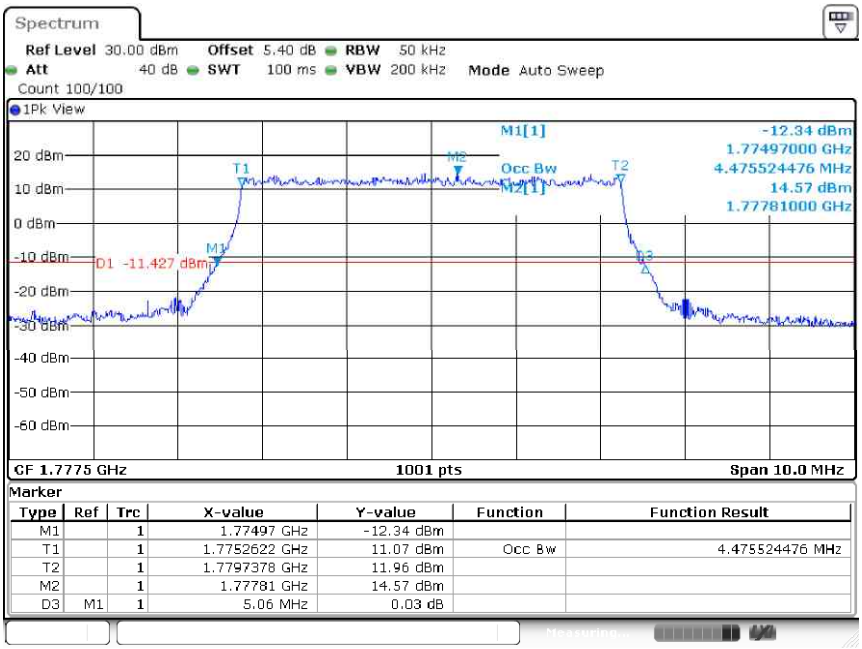
Band66-5MHz-QPSK-132322-25RB#0-4.486



Date: 23.JUN.2020 13:49:44

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



Date: 23.JUN.2020 13:50:23

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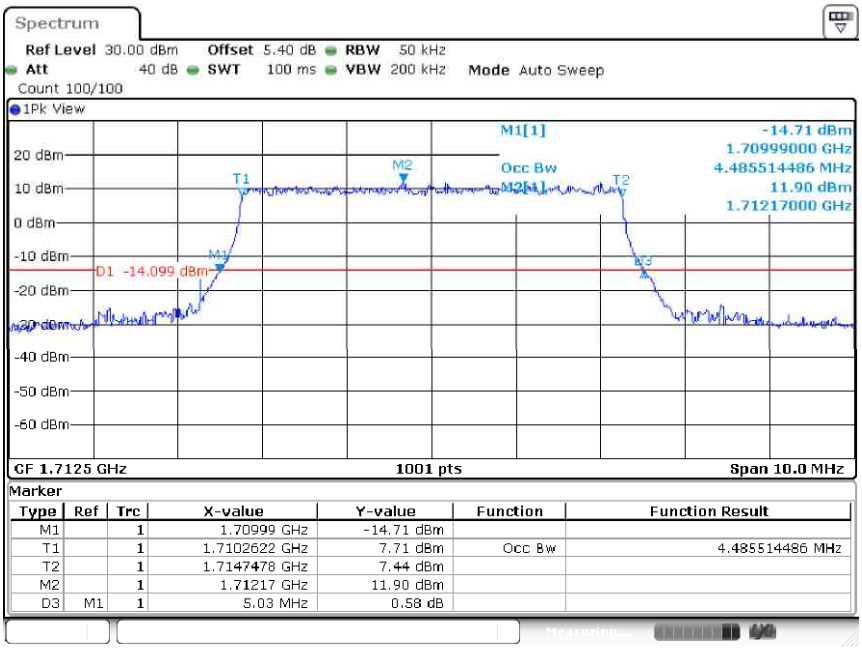
Band66-5MHz-64QAM-131997-25RB#0-4.486



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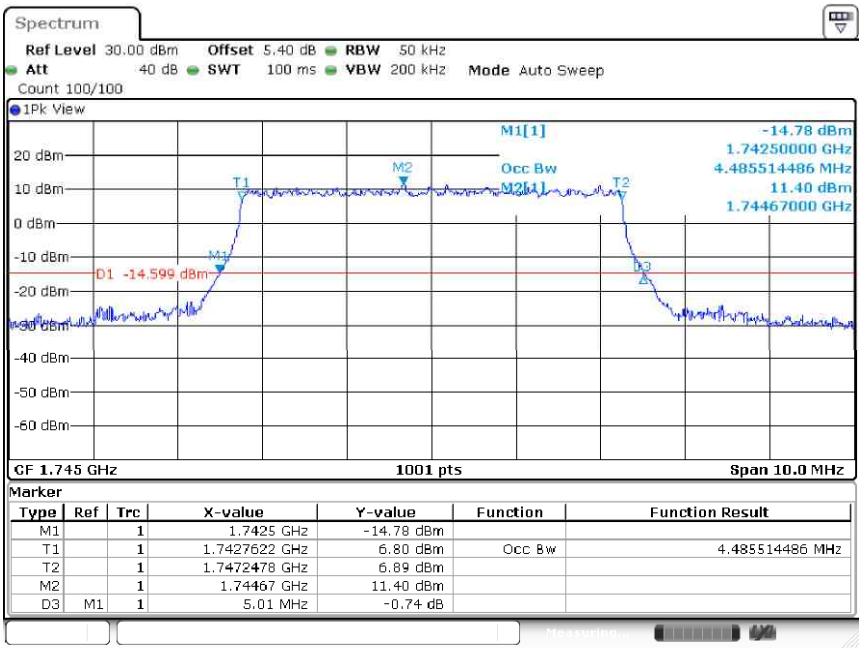
Band66-5MHz-64QAM-132322-25RB#0-4.486



Date: 24.JUN.2020 10:38:26

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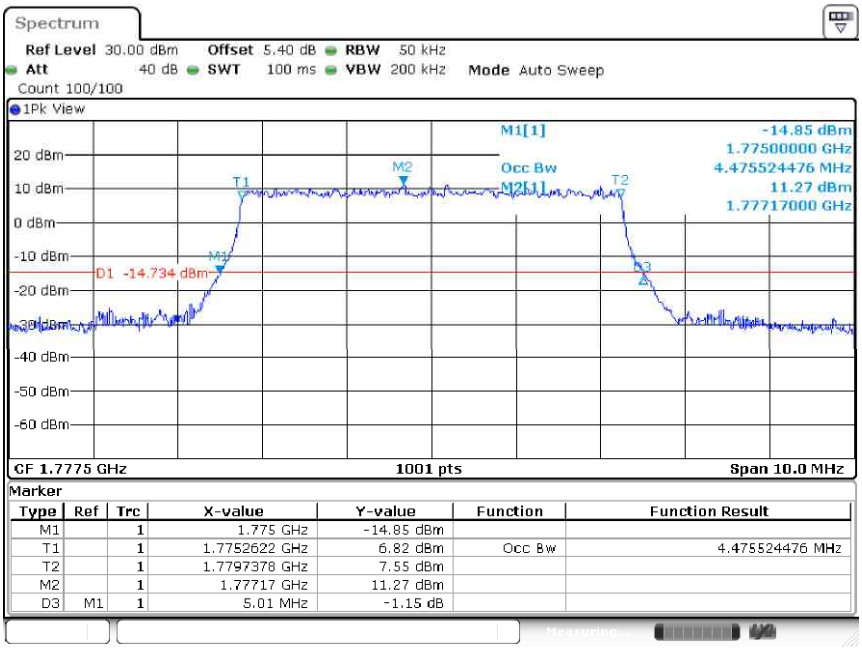
Band66-5MHz-64QAM-132647-25RB#0-4.476



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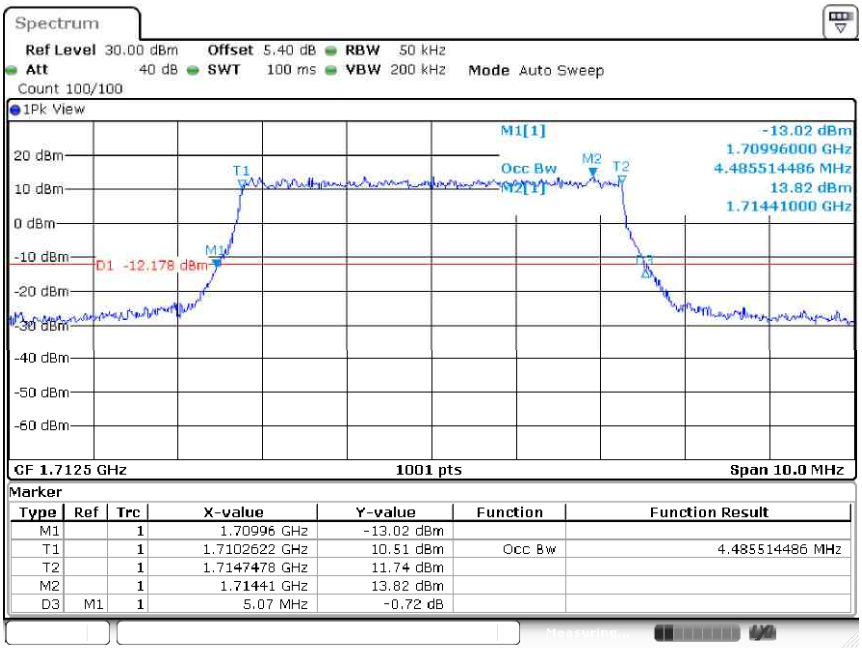
Band66-5MHz-16QAM-131997-25RB#0-4.486



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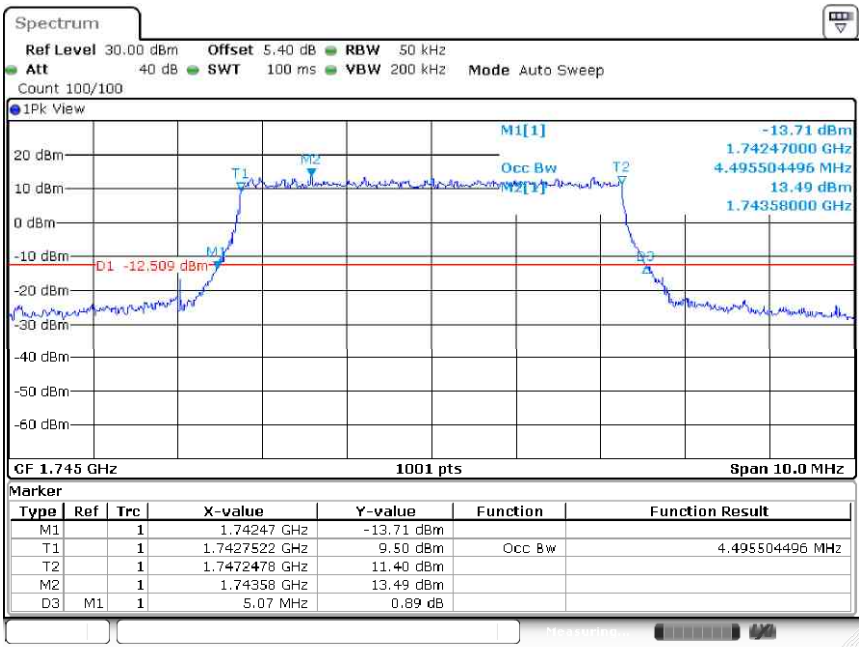
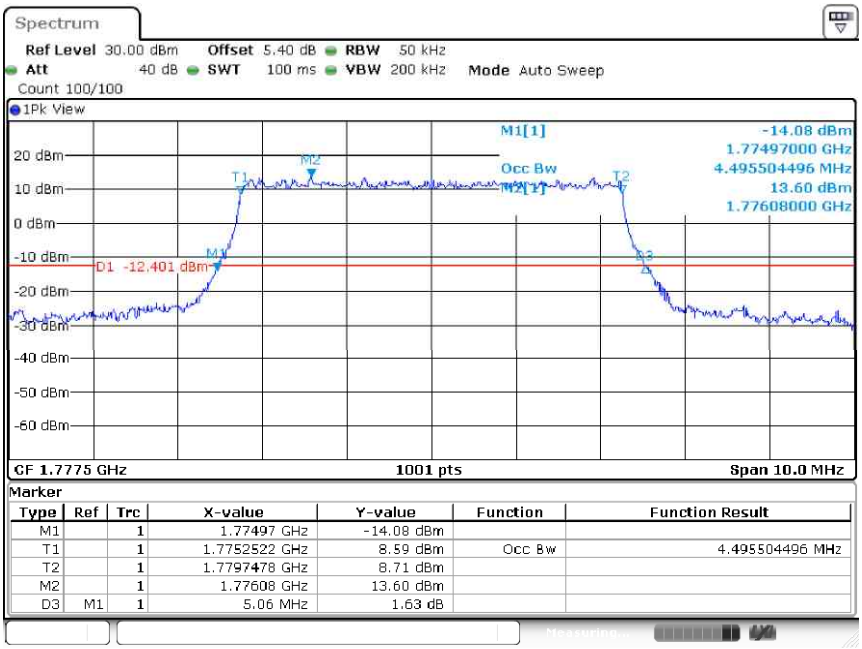
Band66-5MHz-16QAM-132322-25RB#0-4.496



Date: 23.JUN.2020 13:50:03

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



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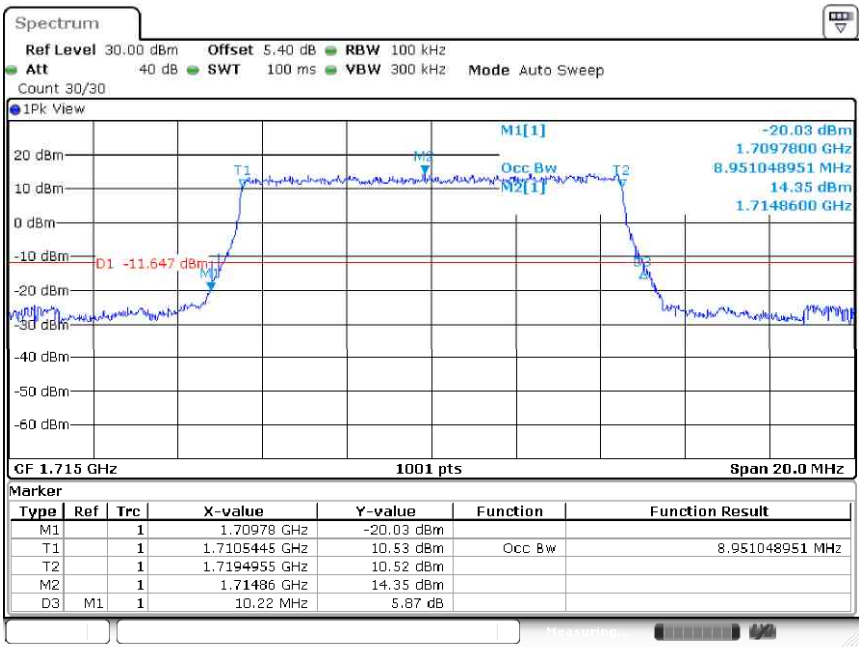
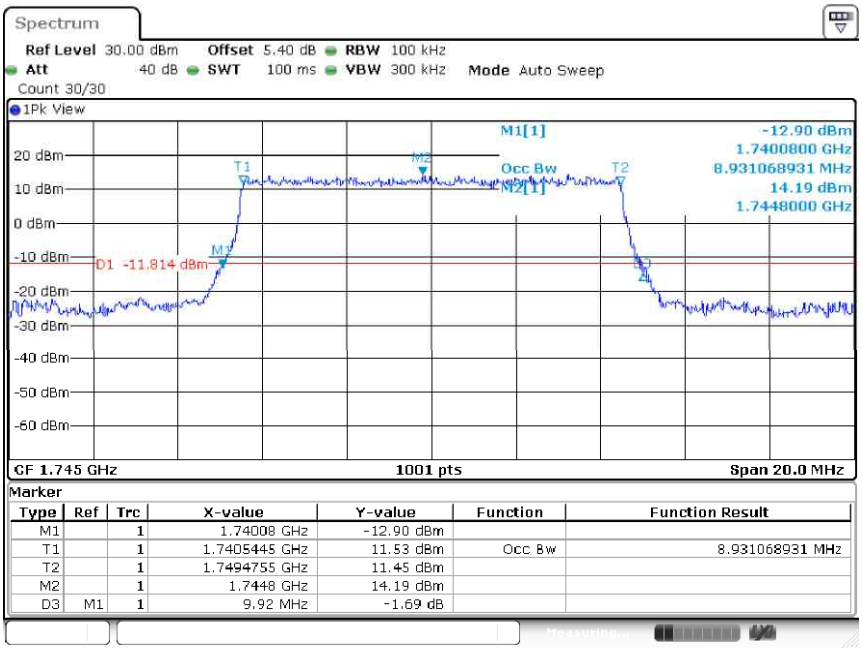
Band66-10MHz-QPSK-132022-50RB#0-8.951



Date: 23.JUN.2020 13:51:01

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



Date: 23.JUN.2020 13:51:26

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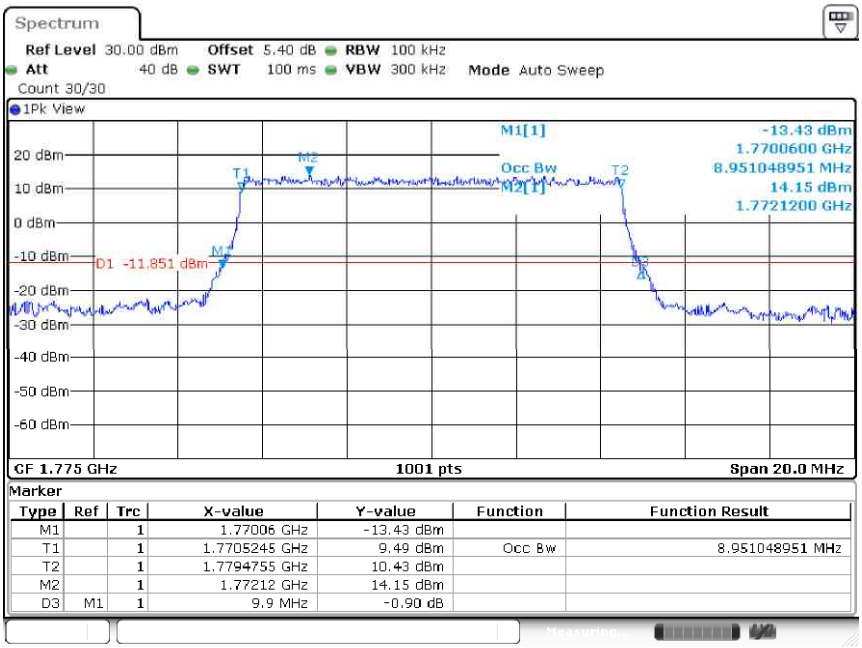
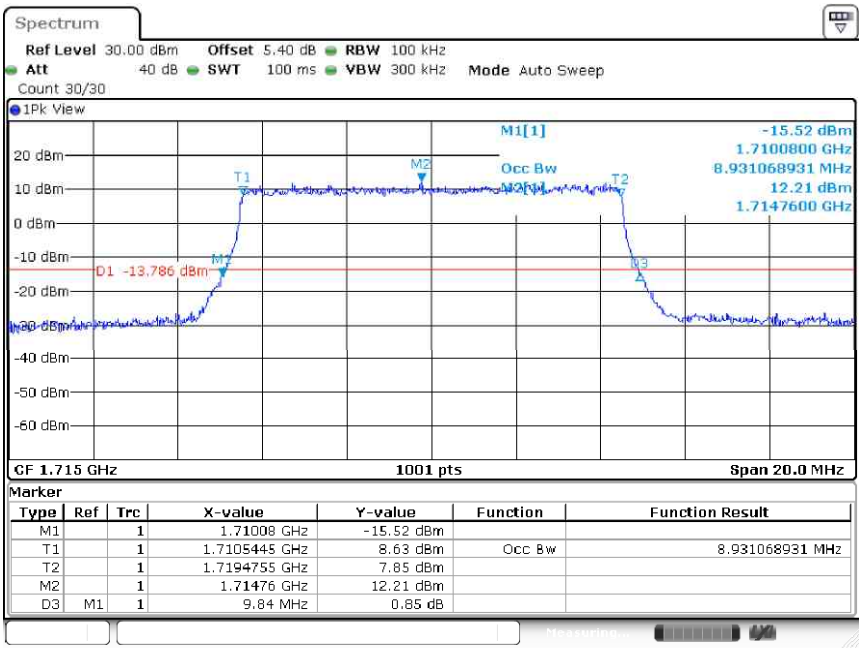
Band66-10MHz-QPSK-132622-50RB#0-8.951



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



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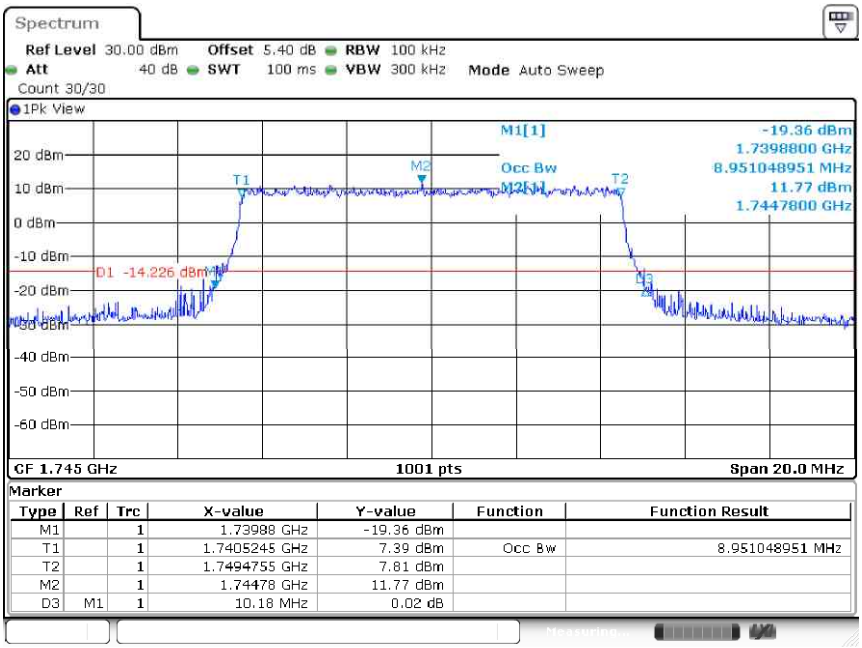
Band66-10MHz-64QAM-132322-50RB#0-8.951



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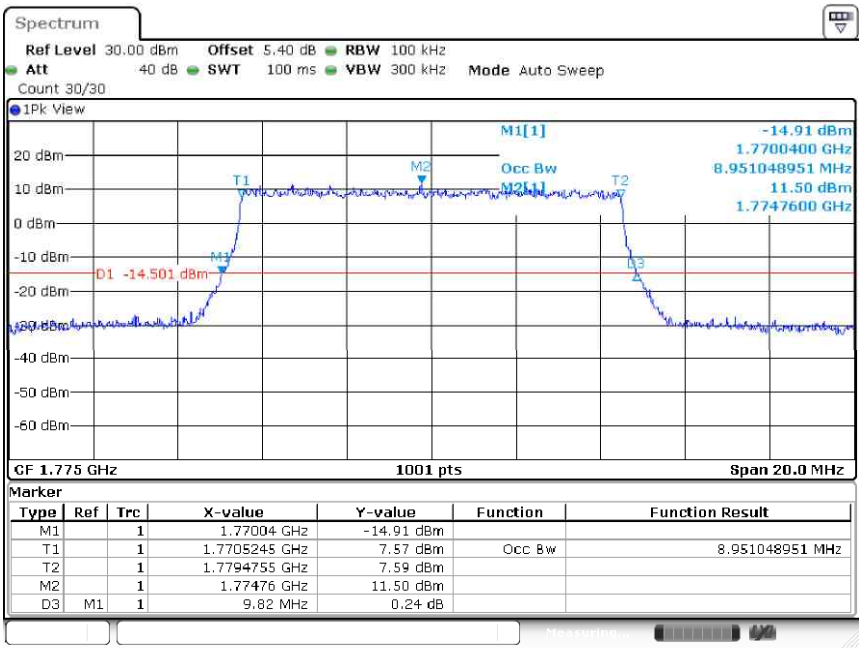
Band66-10MHz-64QAM-132622-50RB#0-8.951



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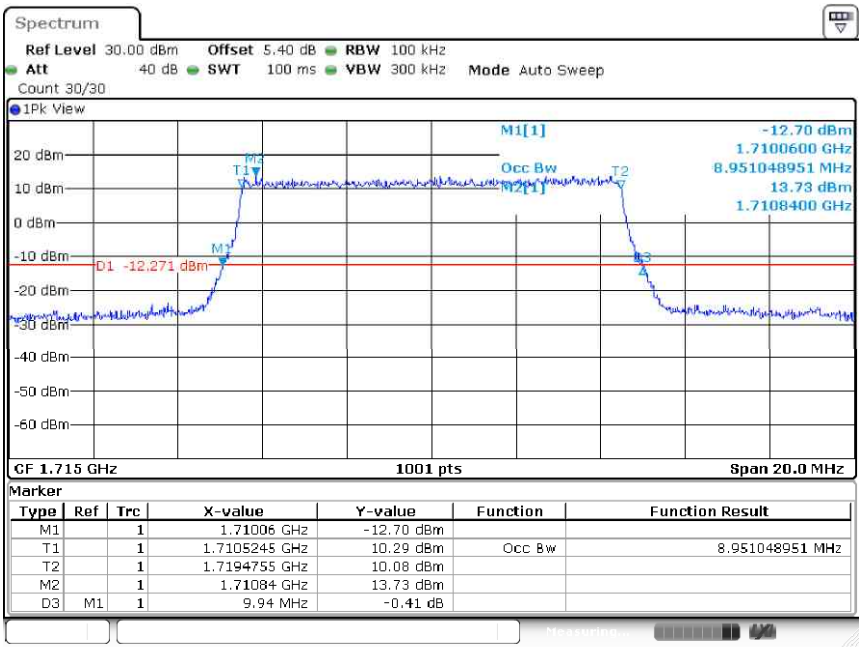
Band66-10MHz-16QAM-132022-50RB#0-8.951



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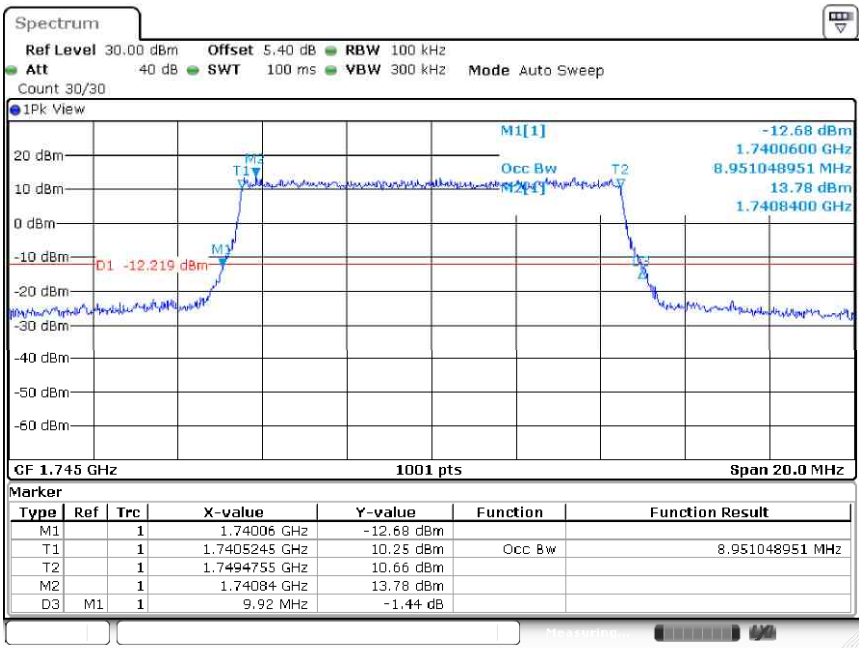
Band66-10MHz-16QAM-132322-50RB#0-8.951



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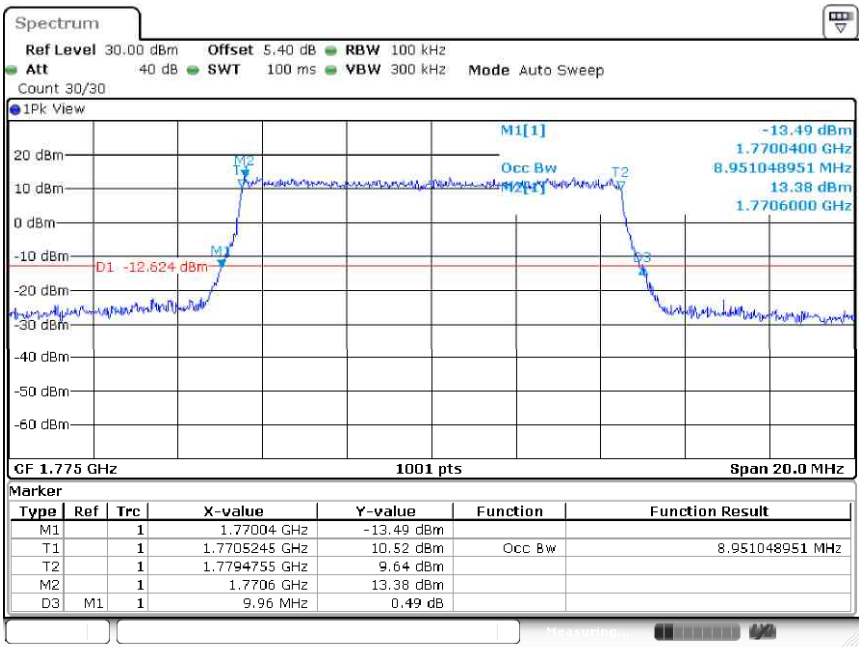
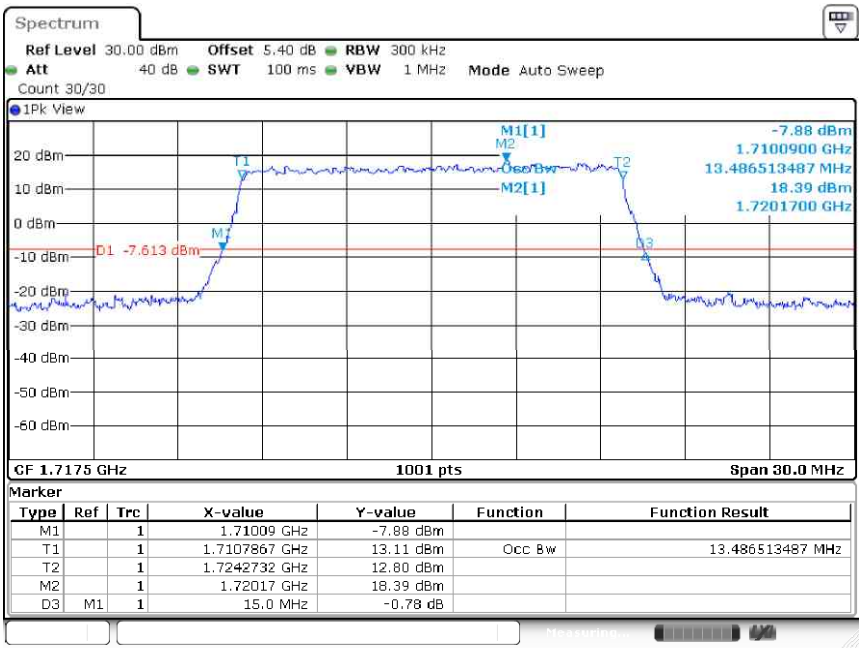
Band66-10MHz-16QAM-132622-50RB#0-8.951



Date: 23.JUN.2020 13:52:04

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



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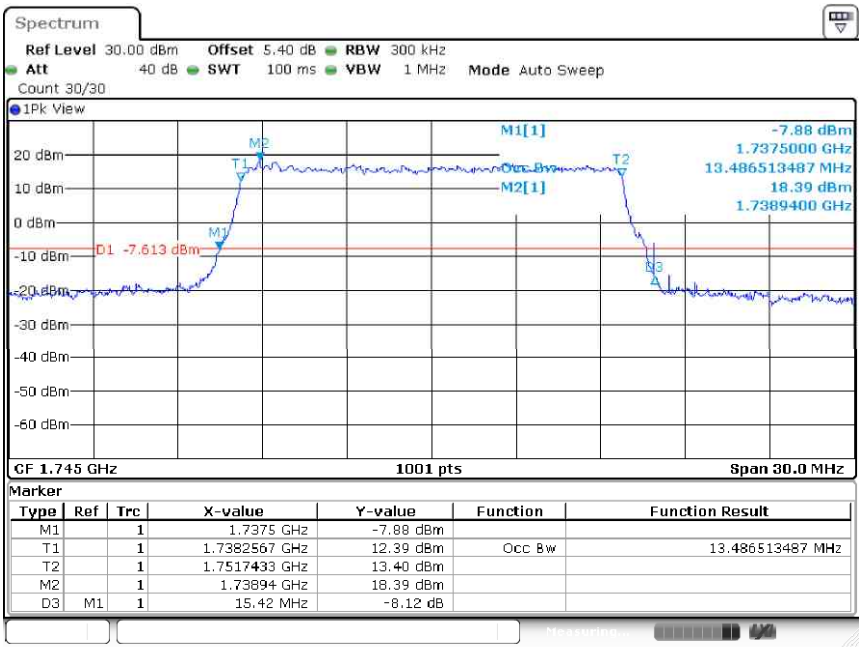
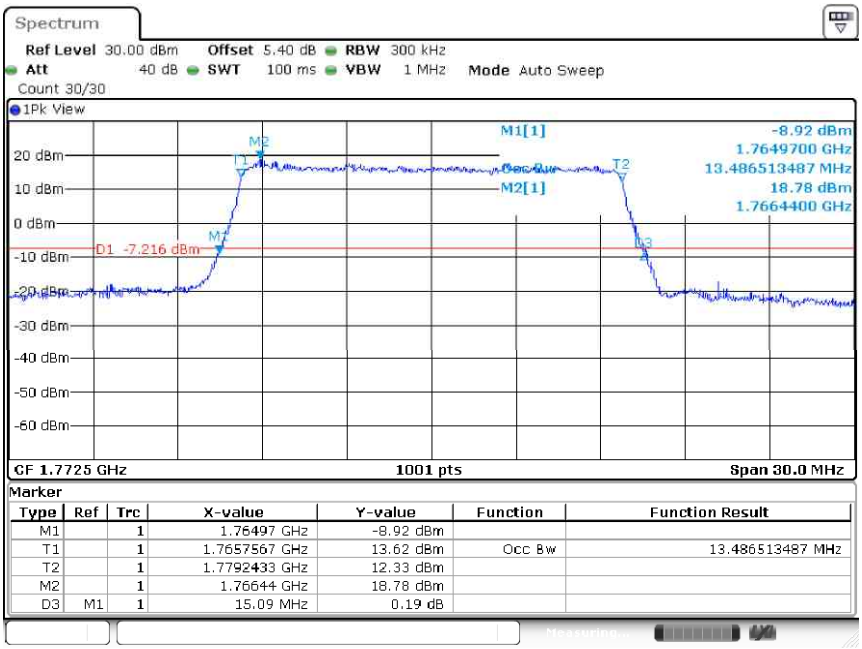
Band66-15MHz-QPSK-132322-75RB#0-13.487



Date: 23.JUN.2020 13:52:48

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



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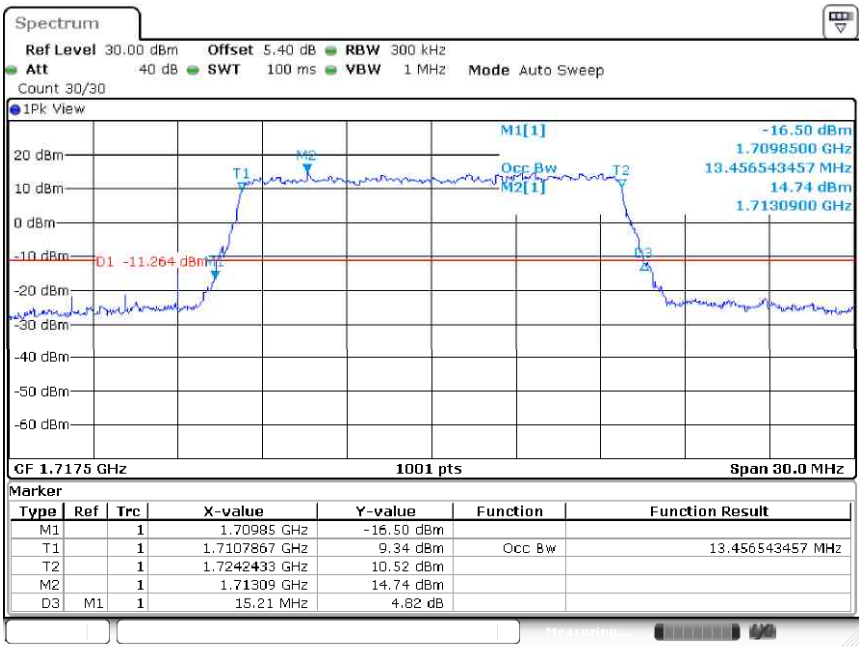
Band66-15MHz-64QAM-132047-75RB#0-13.457



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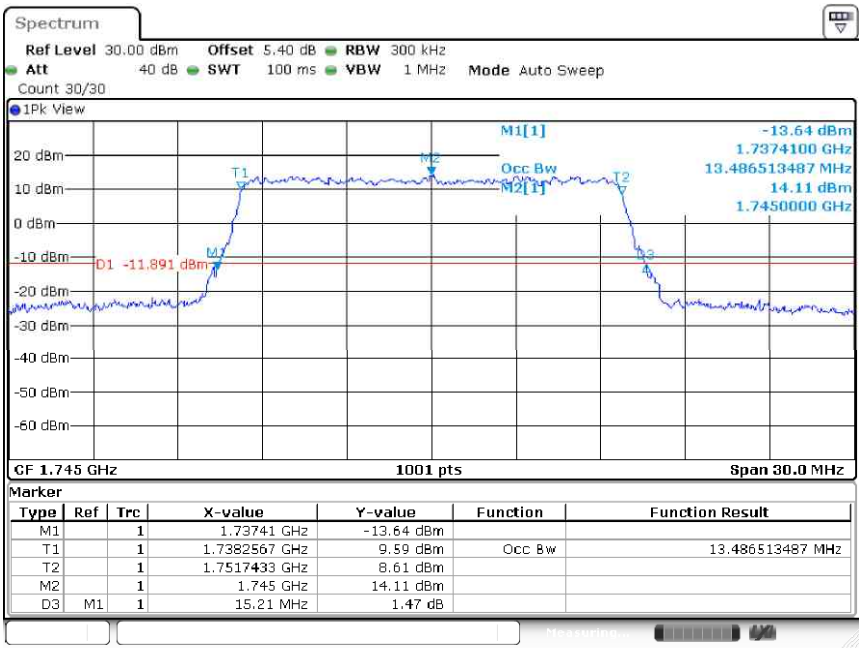

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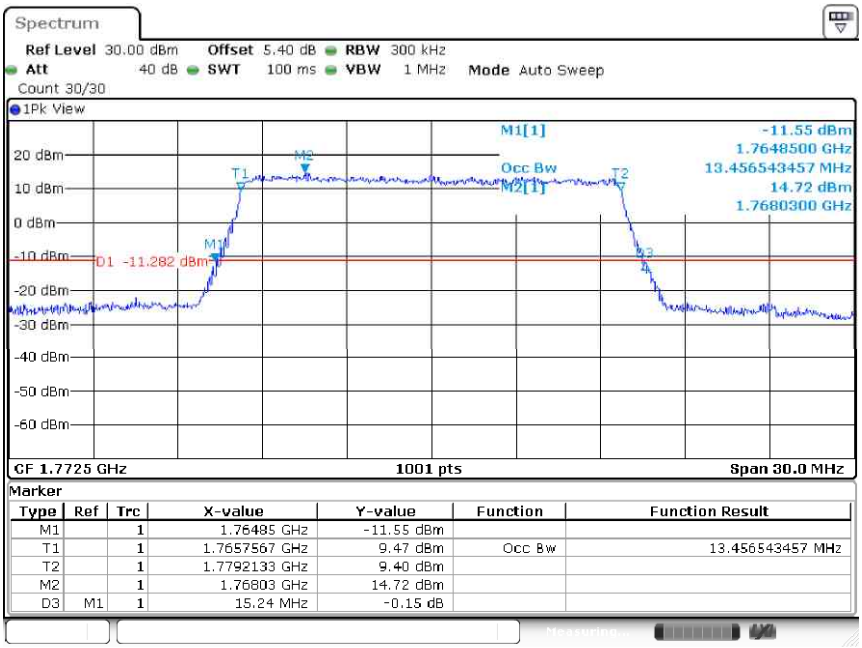
Band66-15MHz-64QAM-132597-75RB#0-13.457



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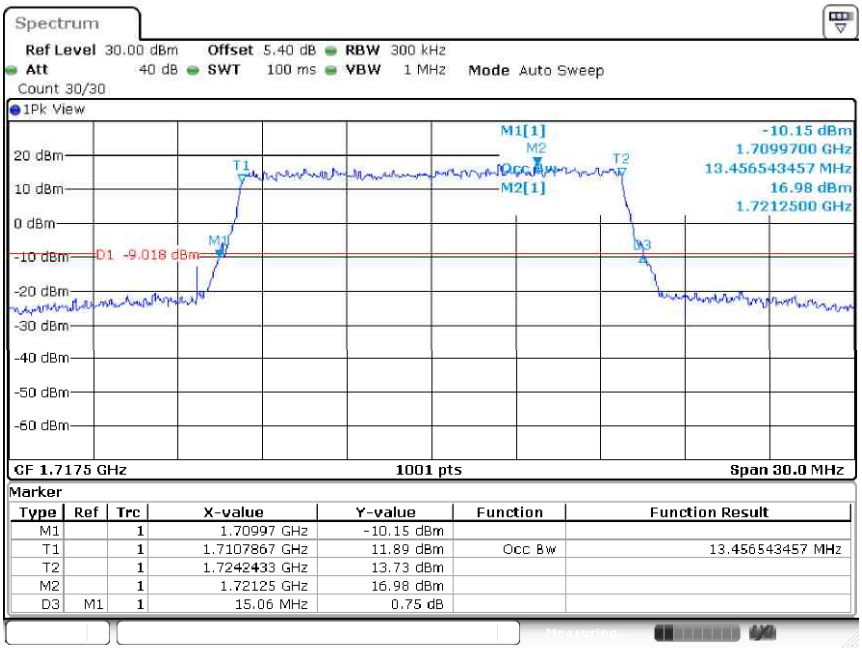
Band66-15MHz-16QAM-132047-75RB#0-13.457



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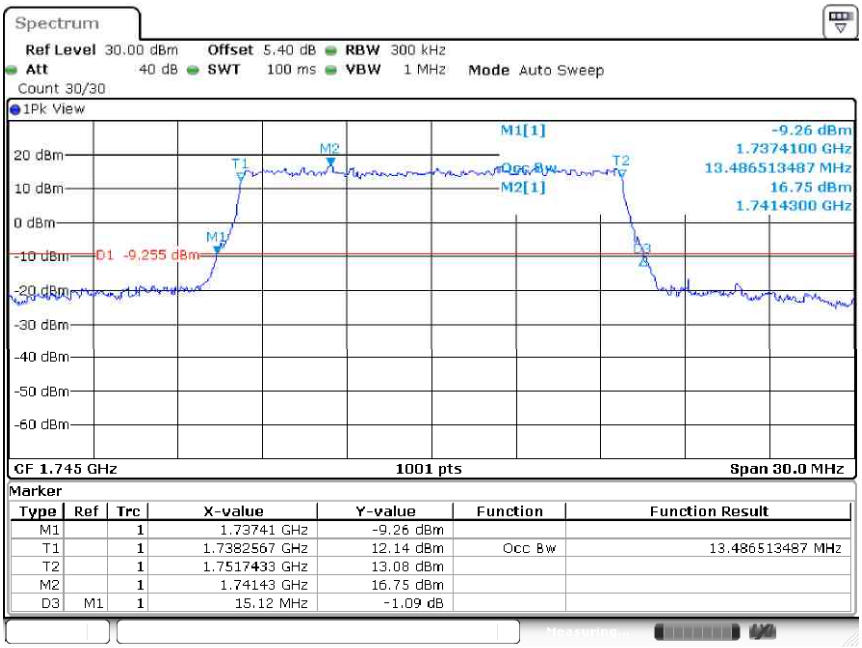
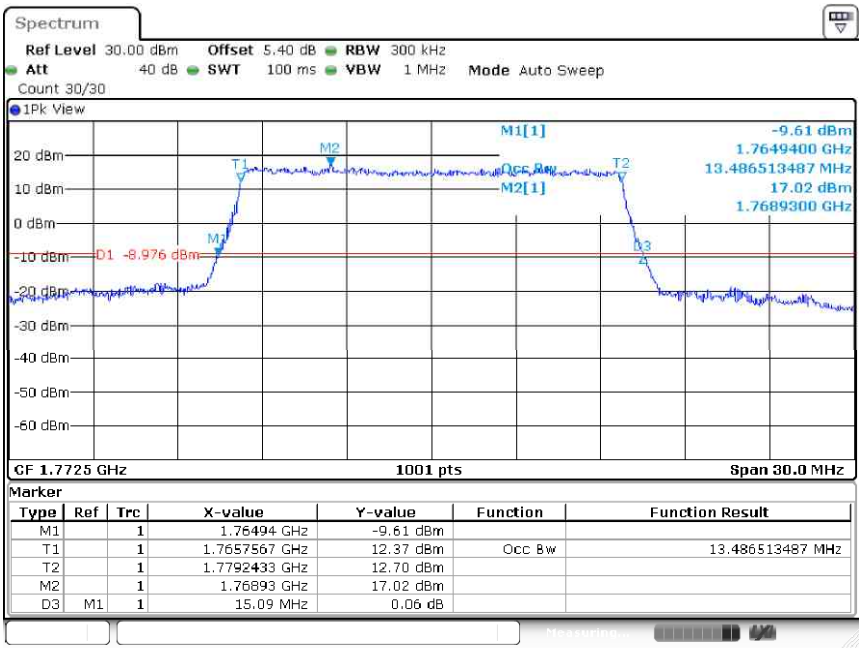


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73741 GHz	-9.26 dBm		
T1		1	1.7382567 GHz	12.14 dBm	Occ Bw	13.486513487 MHz
T2		1	1.7517433 GHz	13.08 dBm		
M2		1	1.74143 GHz	16.75 dBm		
D3	M1	1	15.12 MHz	-1.09 dB		

Date: 23.JUN.2020 13:53:00

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.76494 GHz	-9.61 dBm		
T1		1	1.7657567 GHz	12.37 dBm	Occ Bw	13.486513487 MHz
T2		1	1.7792433 GHz	12.70 dBm		
M2		1	1.76893 GHz	17.02 dBm		
D3	M1	1	15.09 MHz	0.06 dB		

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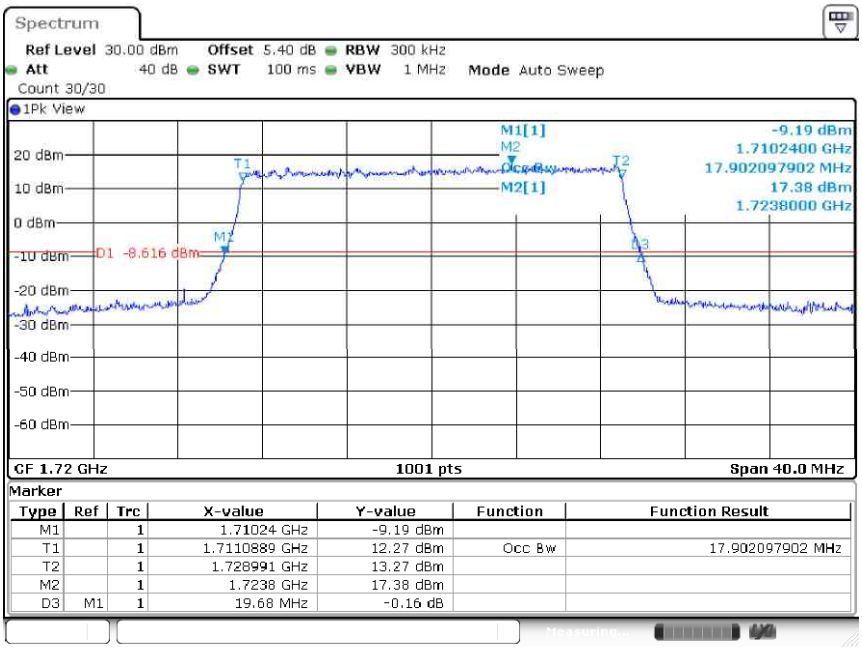
Band66-20MHz-QPSK-132072-100RB#0-17.902



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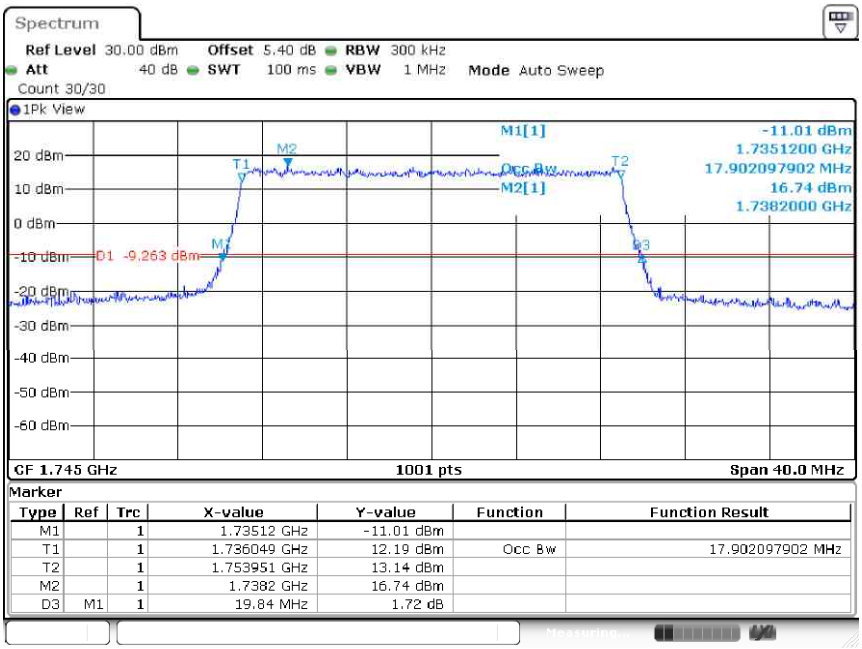
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71024 GHz	-9.19 dBm		
T1		1	1.7110889 GHz	12.27 dBm	Occ Bw	17.902097902 MHz
T2		1	1.728991 GHz	13.27 dBm		
M2		1	1.7238 GHz	17.38 dBm		
D3	M1	1	19.68 MHz	-0.16 dB		

Date: 23.JUN.2020 13:53:43

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73512 GHz	-11.01 dBm		
T1		1	1.736049 GHz	12.19 dBm	Occ Bw	17.902097902 MHz
T2		1	1.753951 GHz	13.14 dBm		
M2		1	1.7382 GHz	16.74 dBm		
D3	M1	1	19.84 MHz	1.72 dB		

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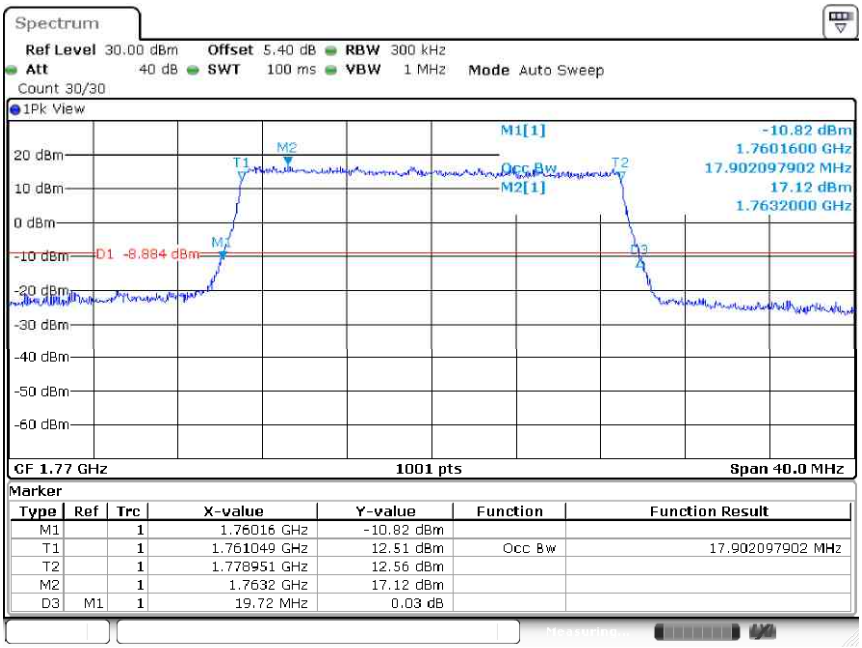
Band66-20MHz-QPSK-132572-100RB#0-17.902



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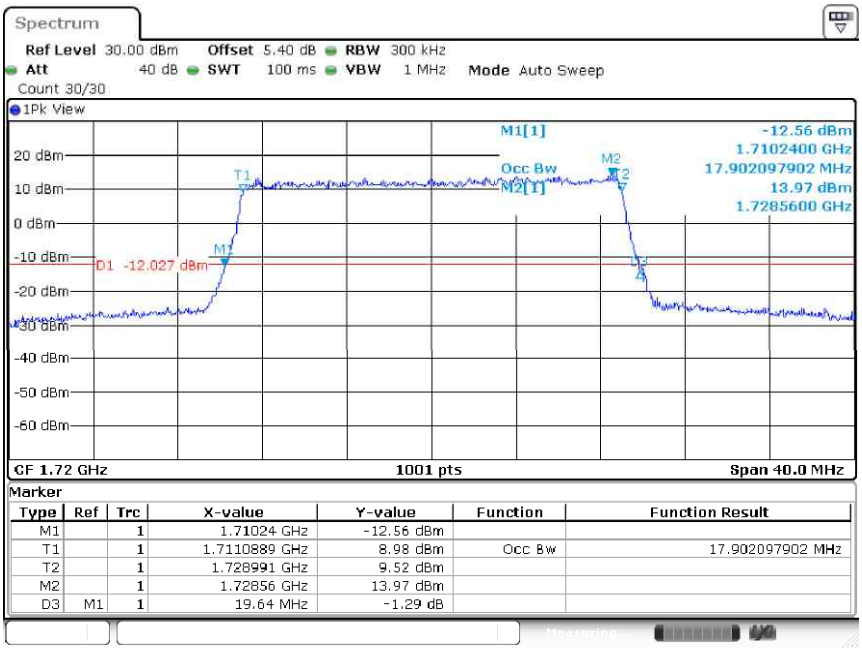

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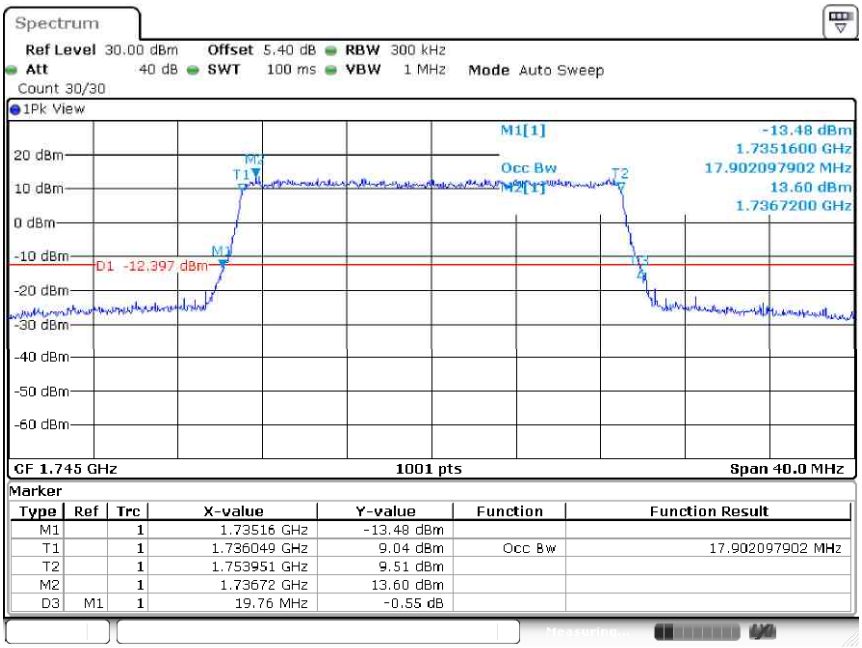

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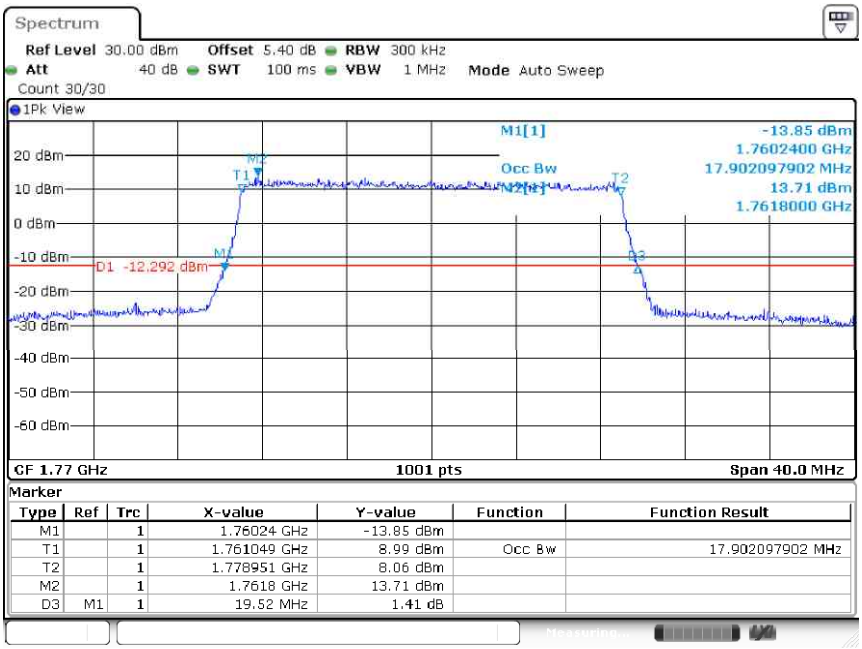

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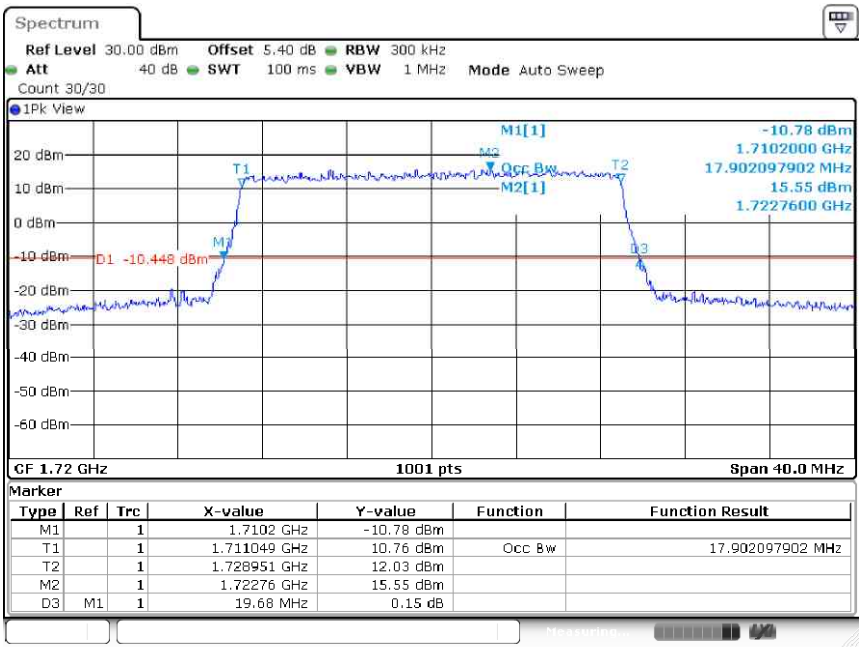
Band66-20MHz-16QAM-132072-100RB#0-17.902



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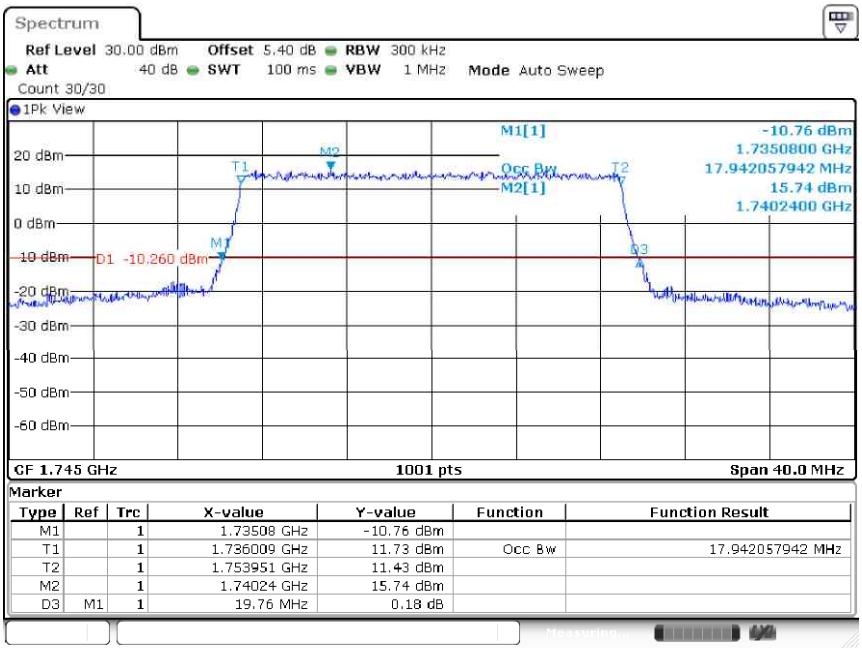

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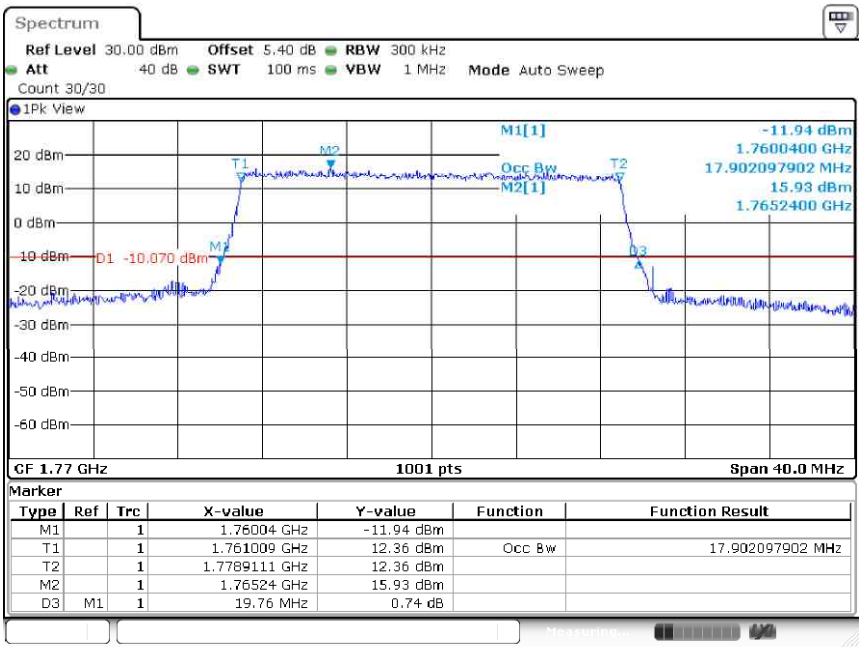
Band66-20MHz-16QAM-132572-100RB#0-17.902



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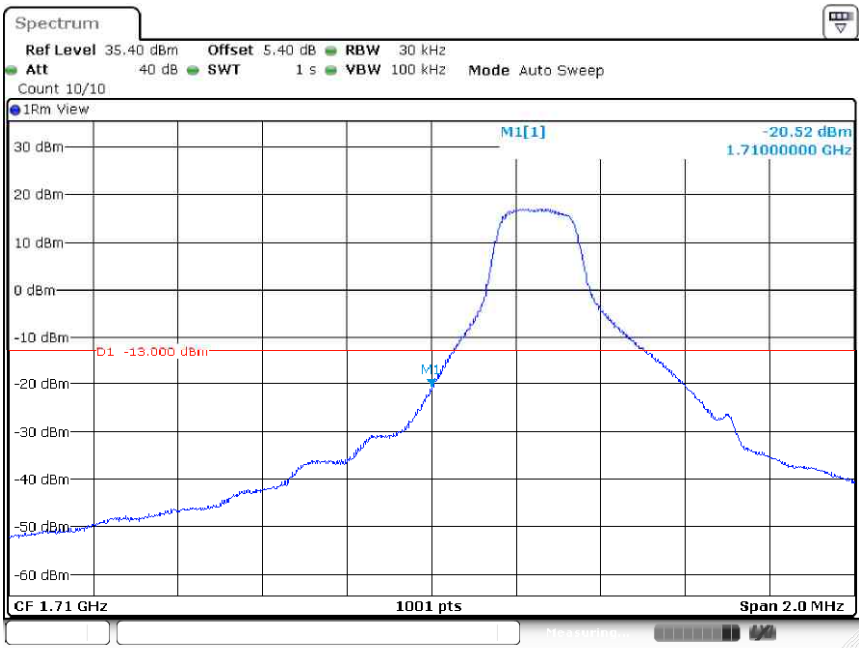
5. Band Edge Compliance

5.1. Test Plots

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



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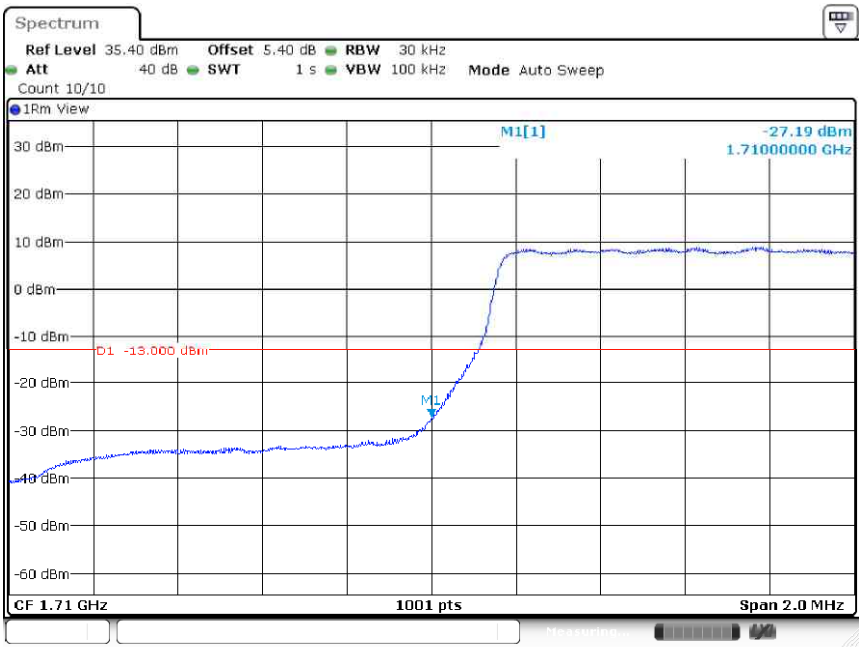
Band66-1.4MHz-QPSK-131979-6RB#0



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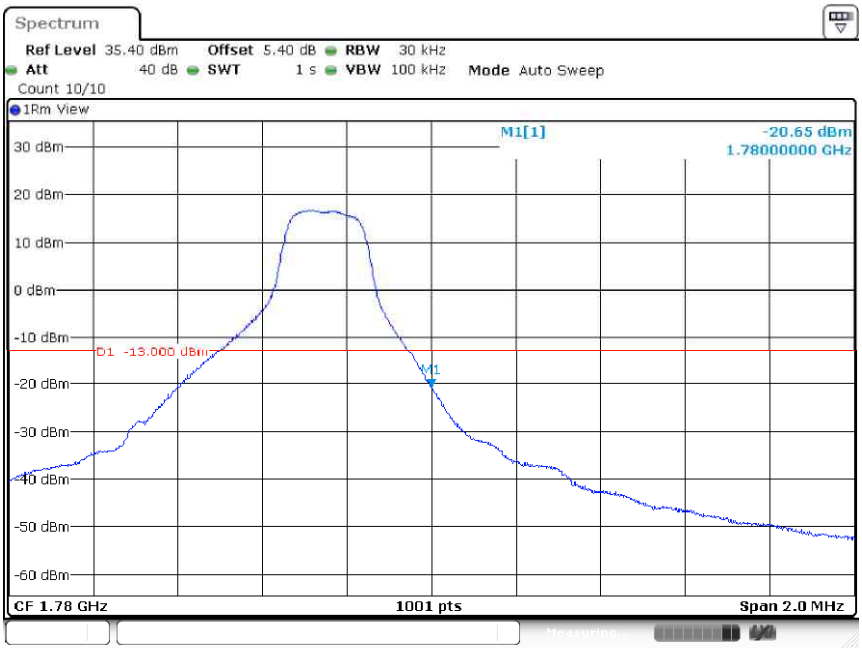
Band66-1.4MHz-QPSK-132665-1RB#5



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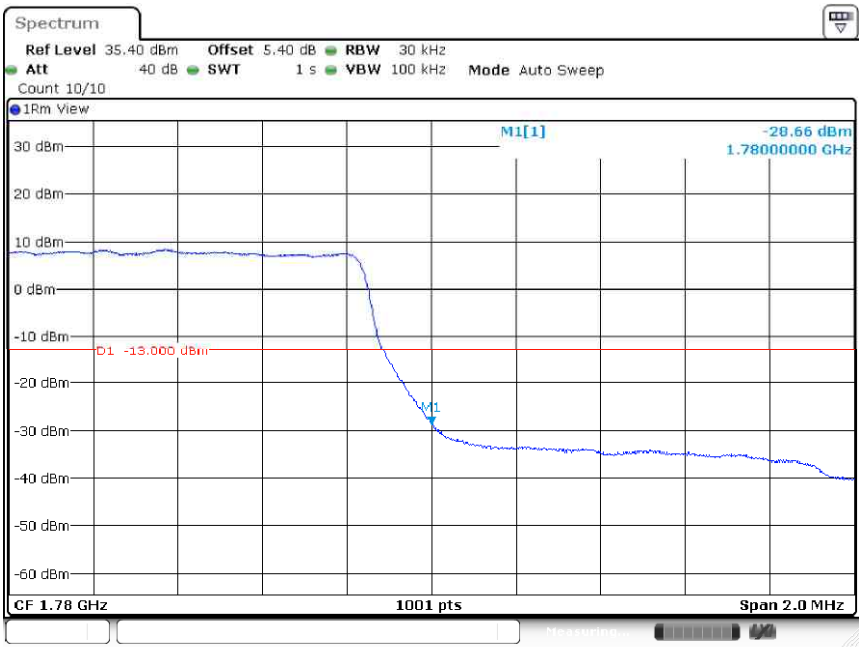
Band66-1.4MHz-QPSK-132665-6RB#0



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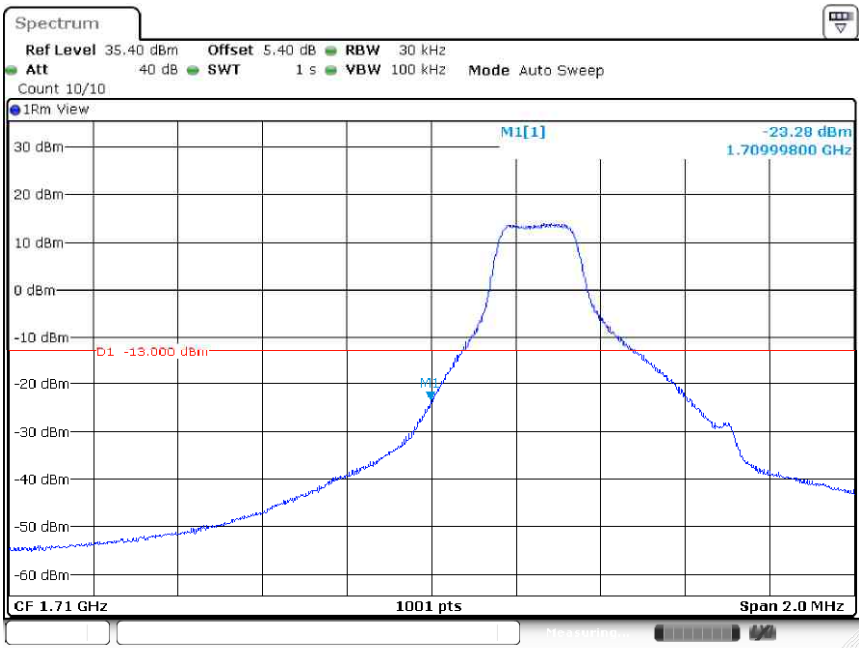

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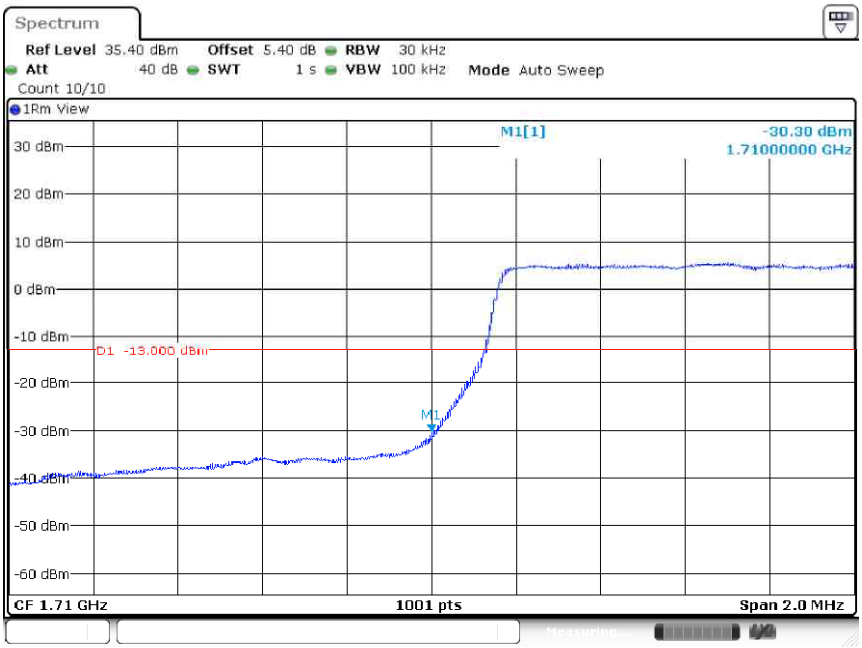

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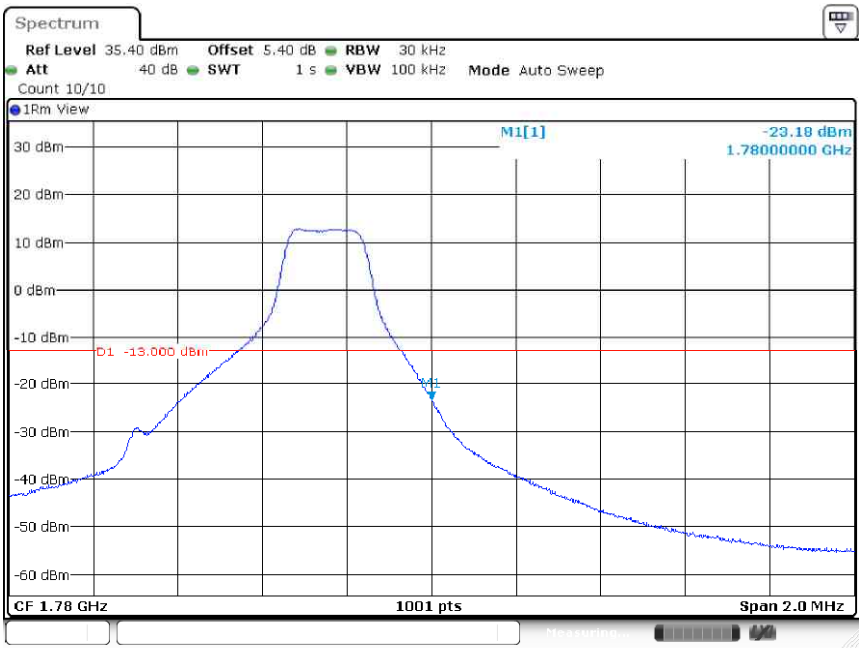

Date: 24.JUN.2020 10:42:09

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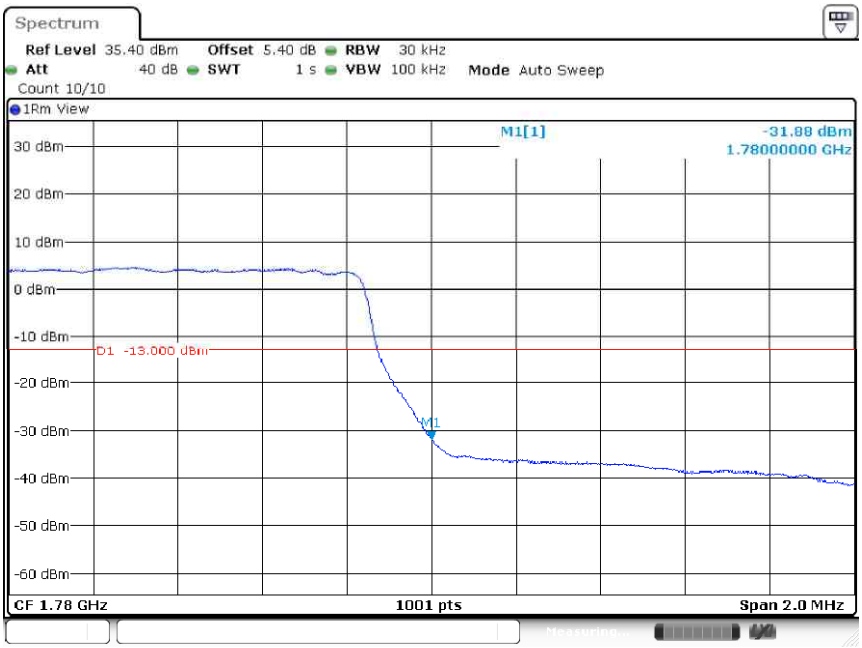

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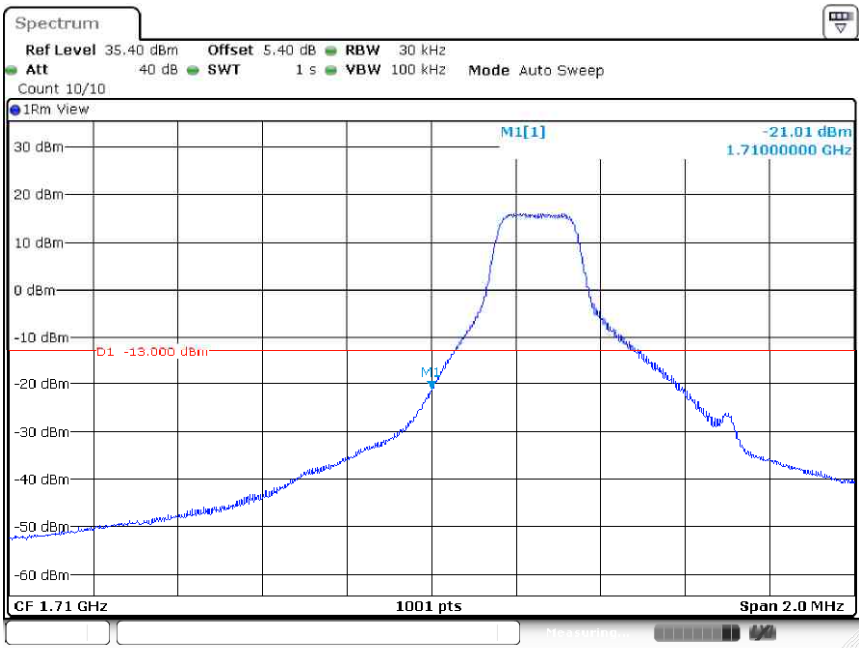

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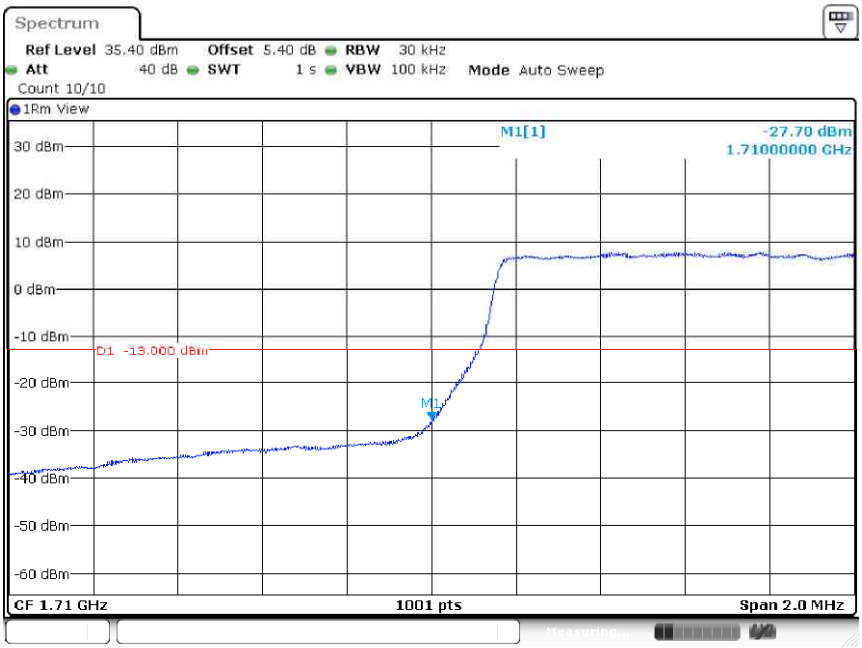

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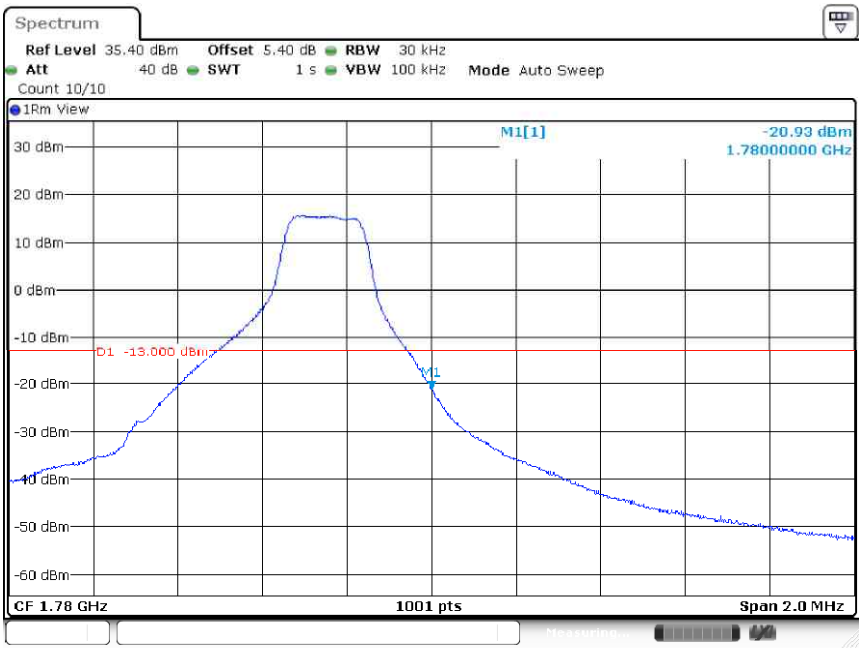

Date: 23.JUN.2020 13:57:00

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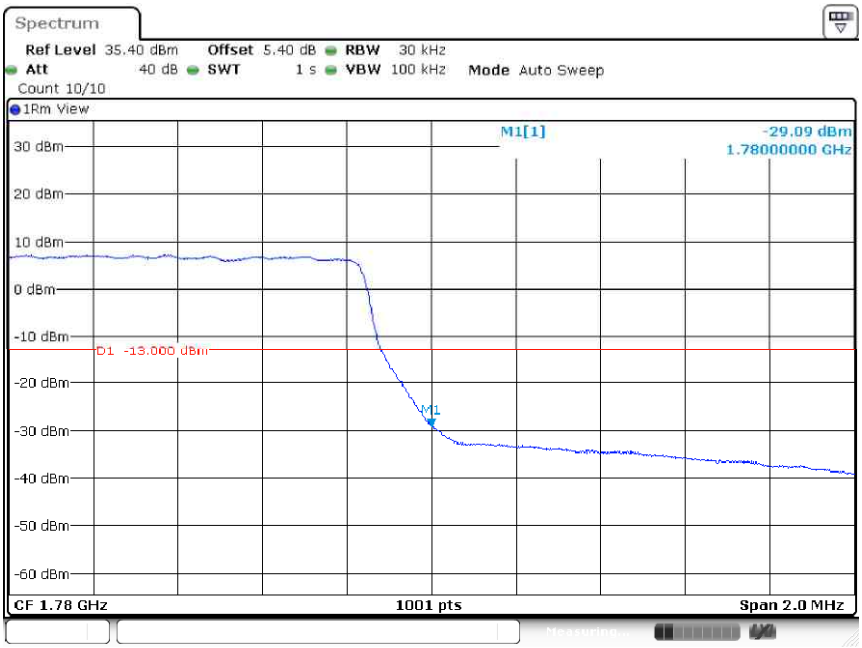

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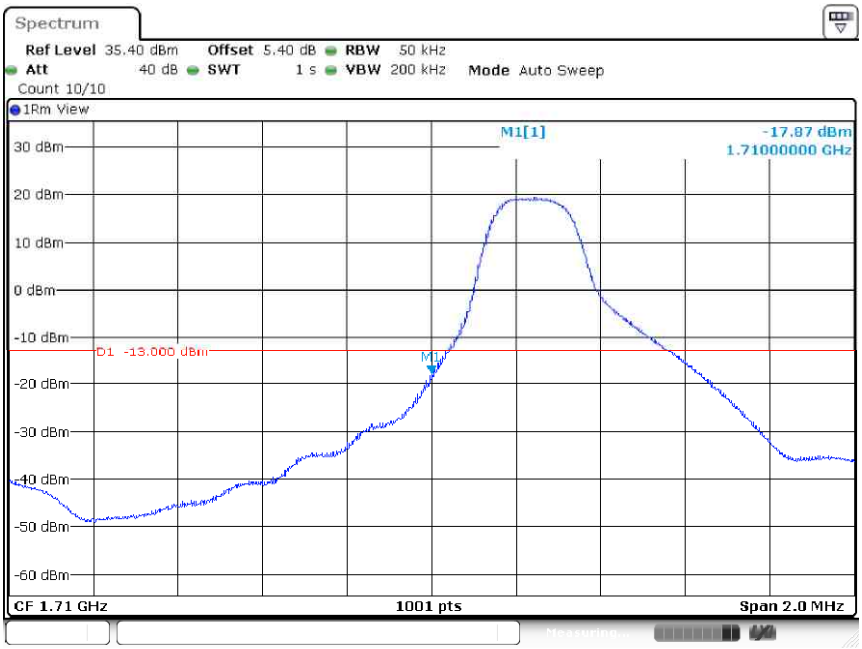

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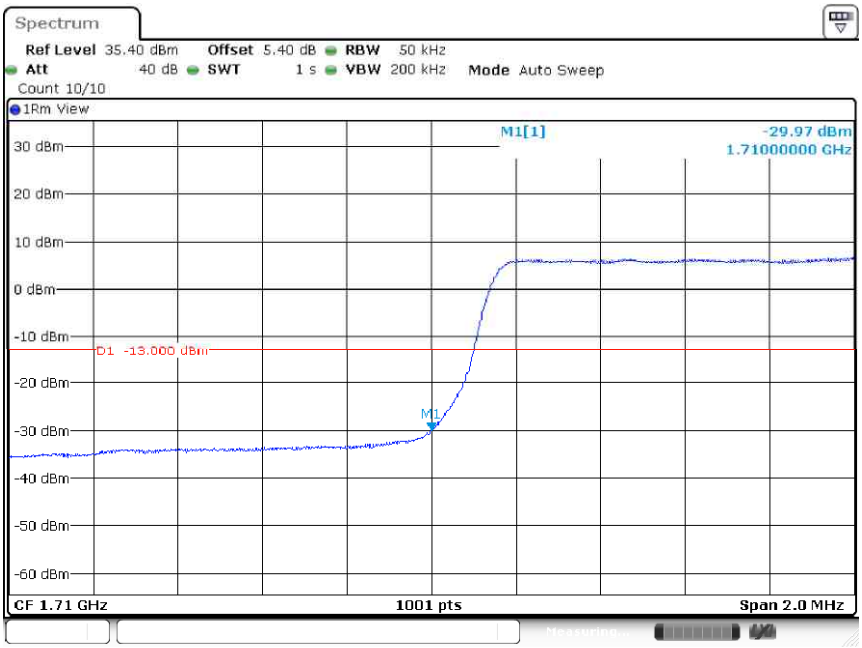

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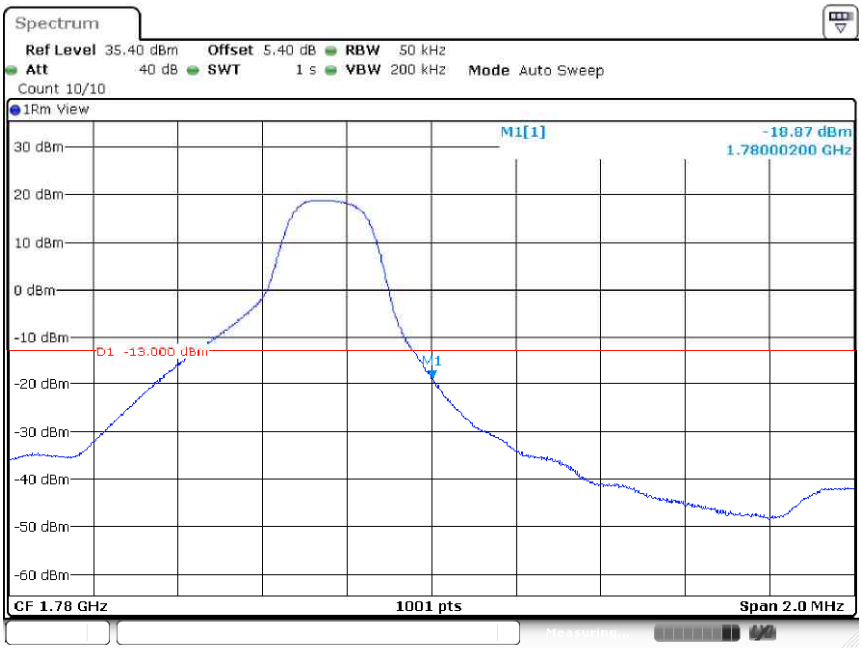
Band66-3MHz-QPSK-132657-1RB#14



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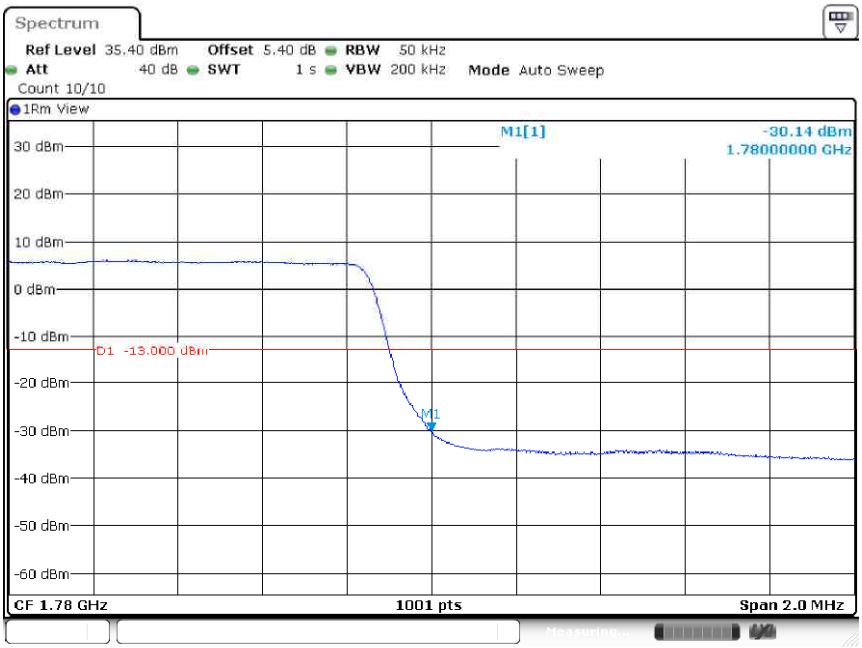

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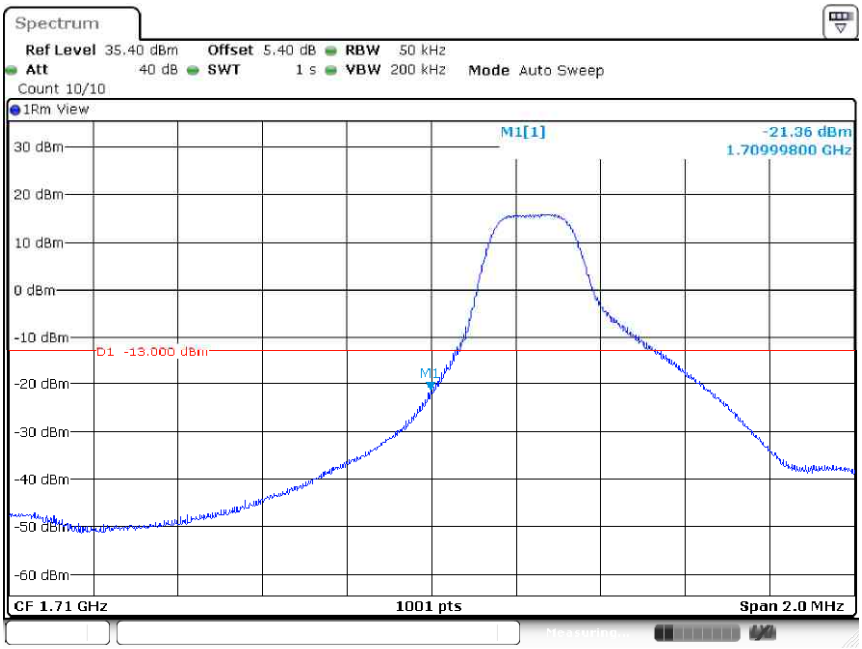

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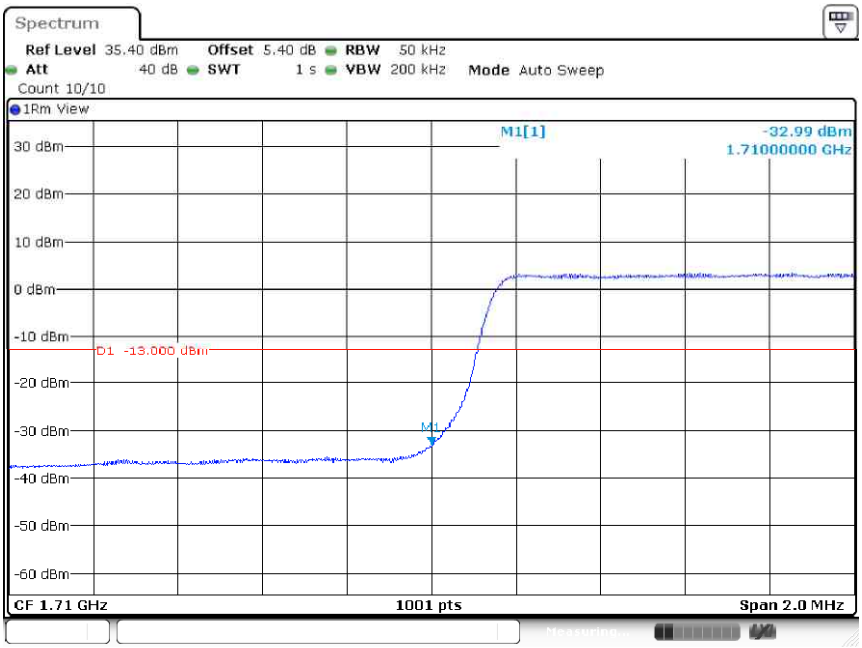

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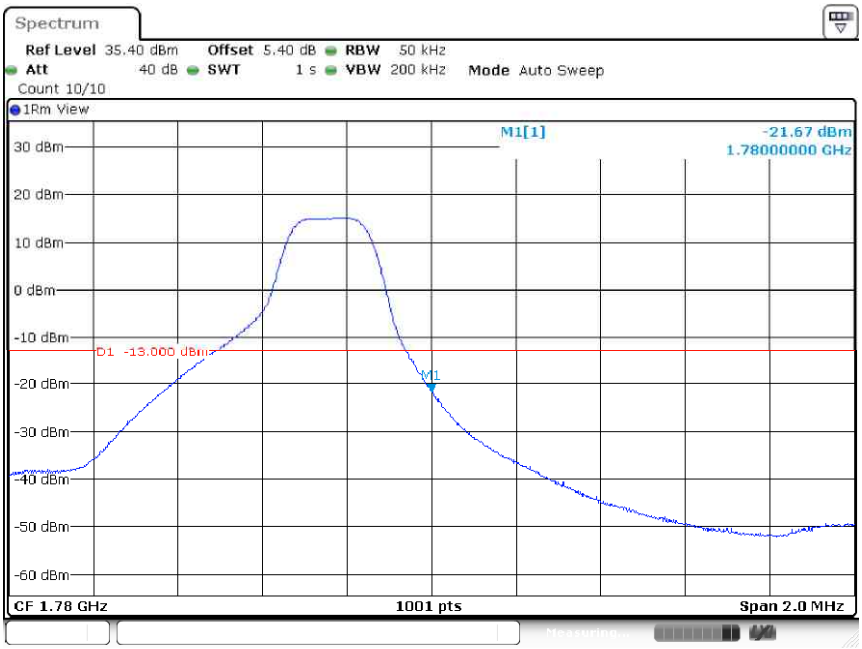

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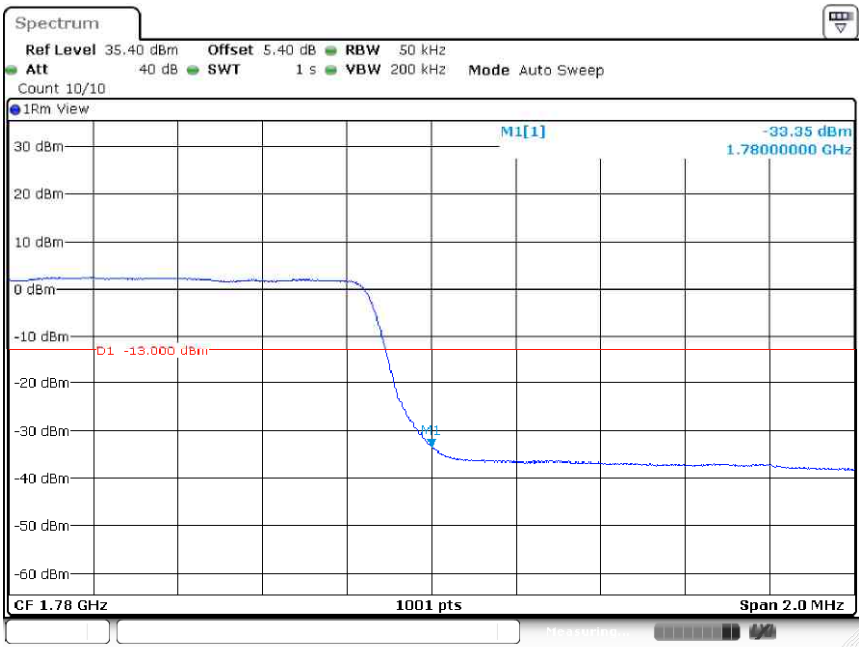

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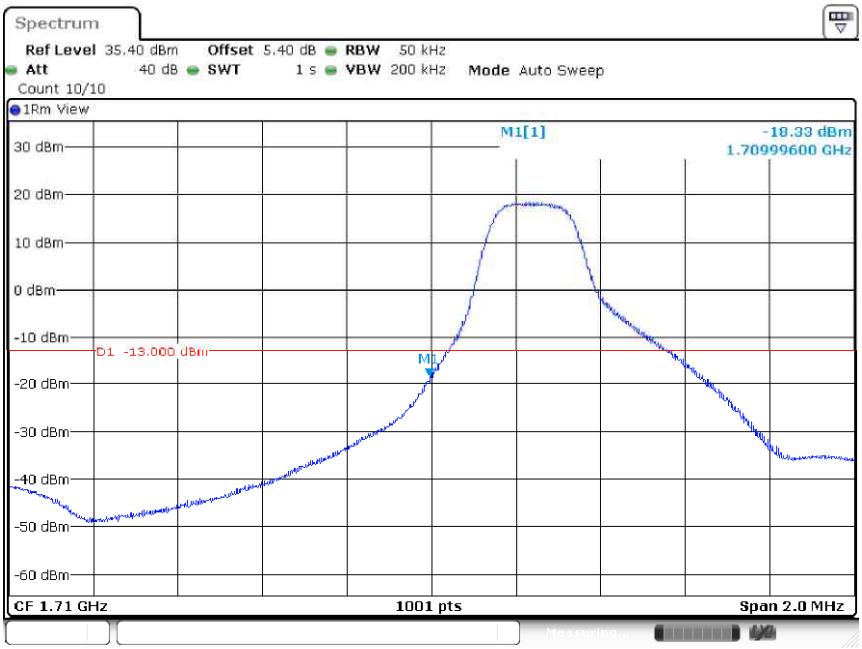

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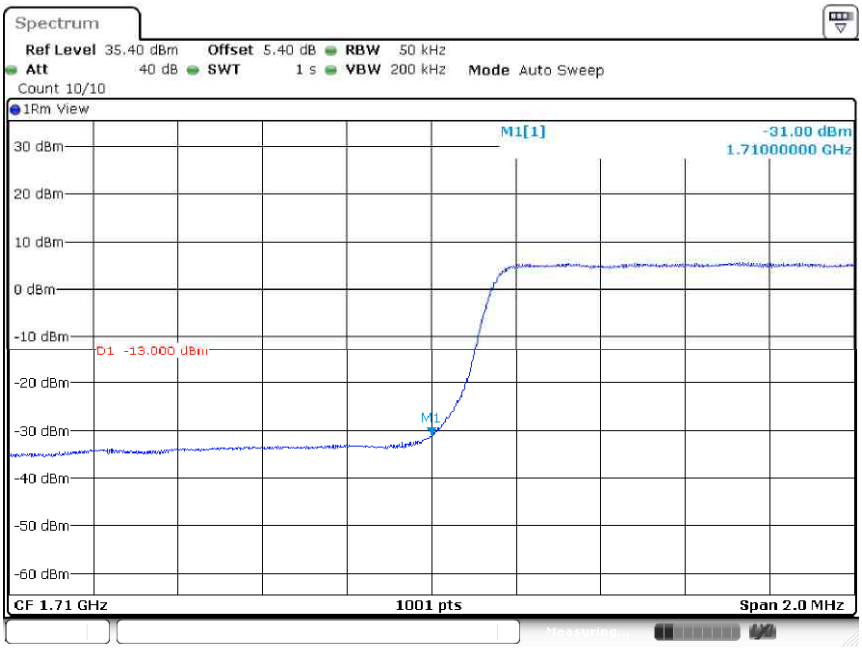

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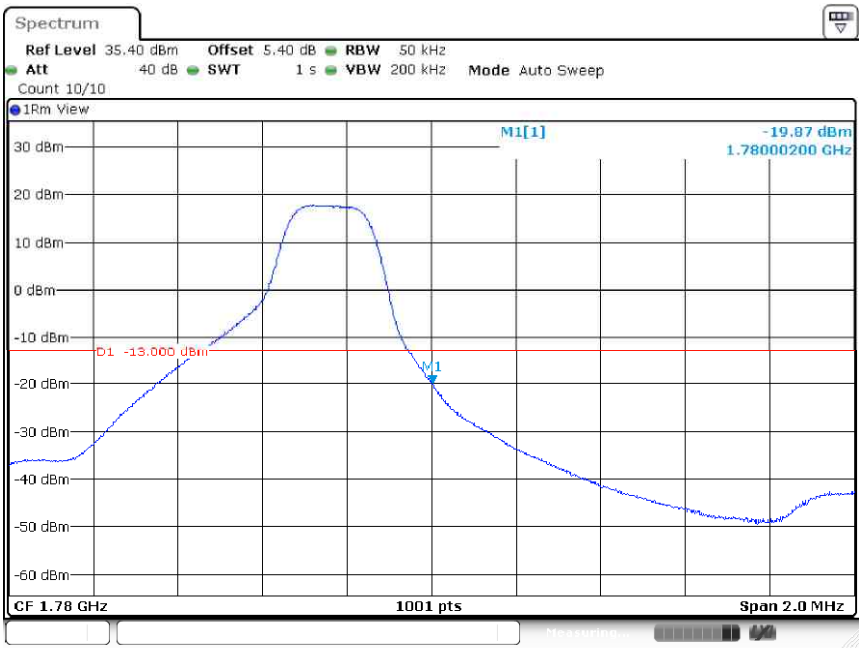

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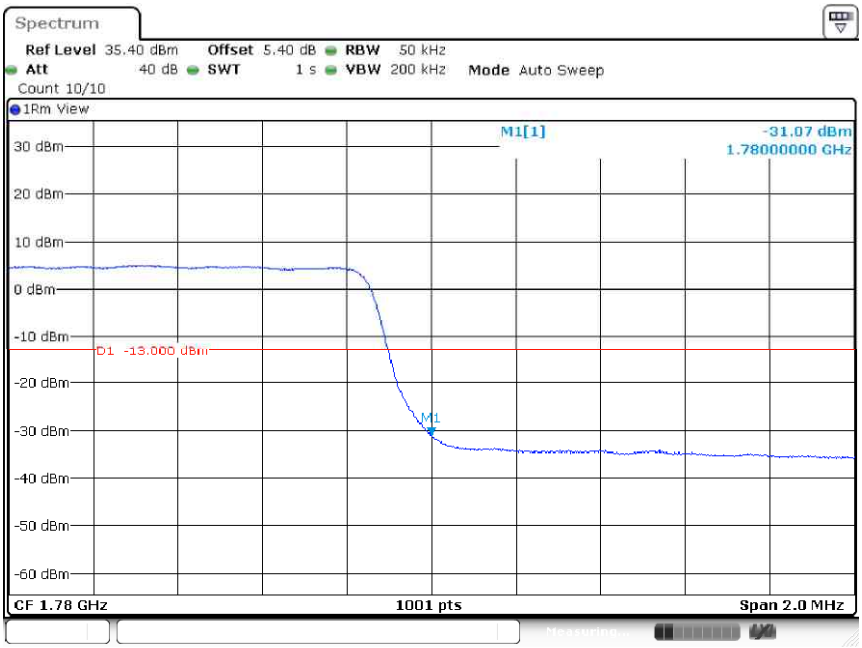

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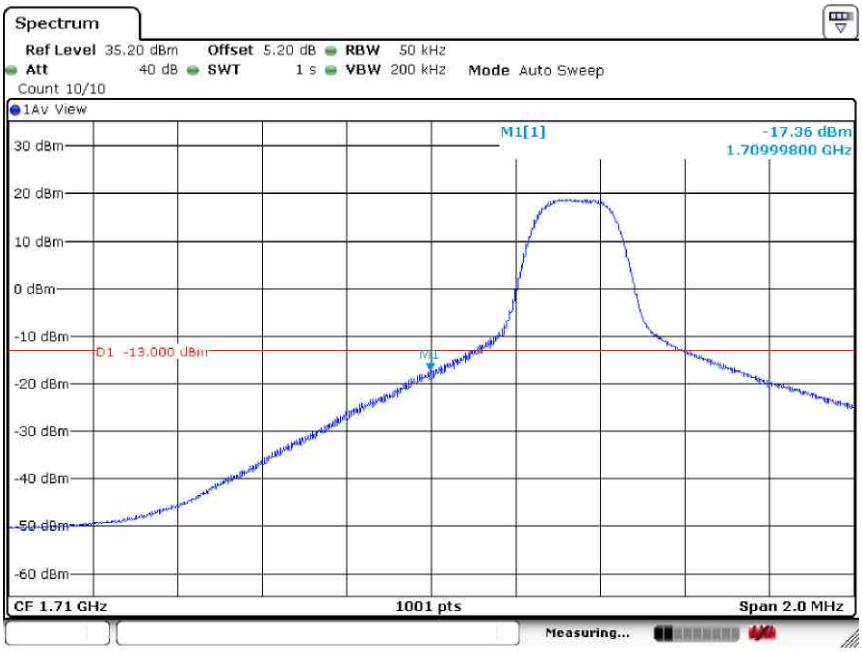

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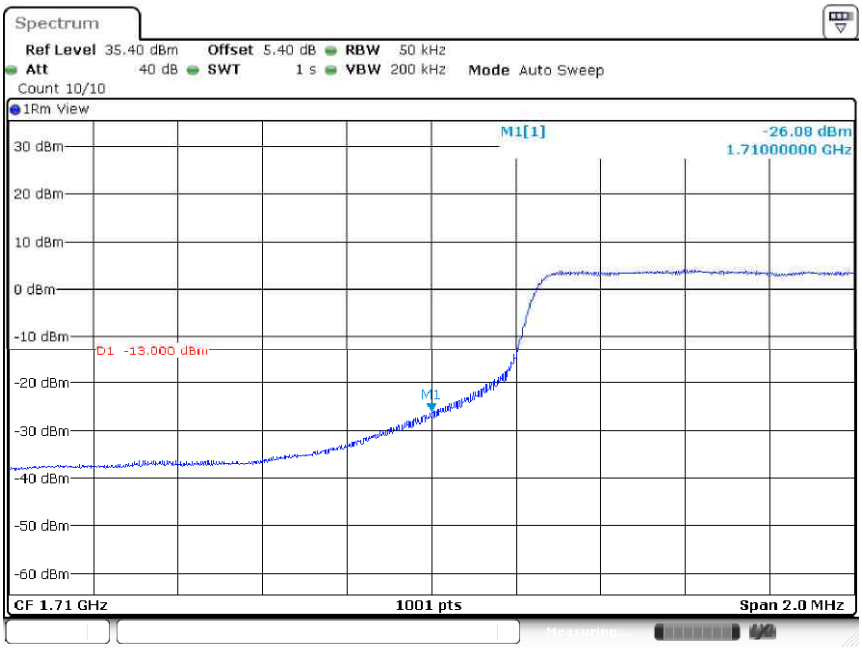
Band66-5MHz-QPSK-131997-25RB#0



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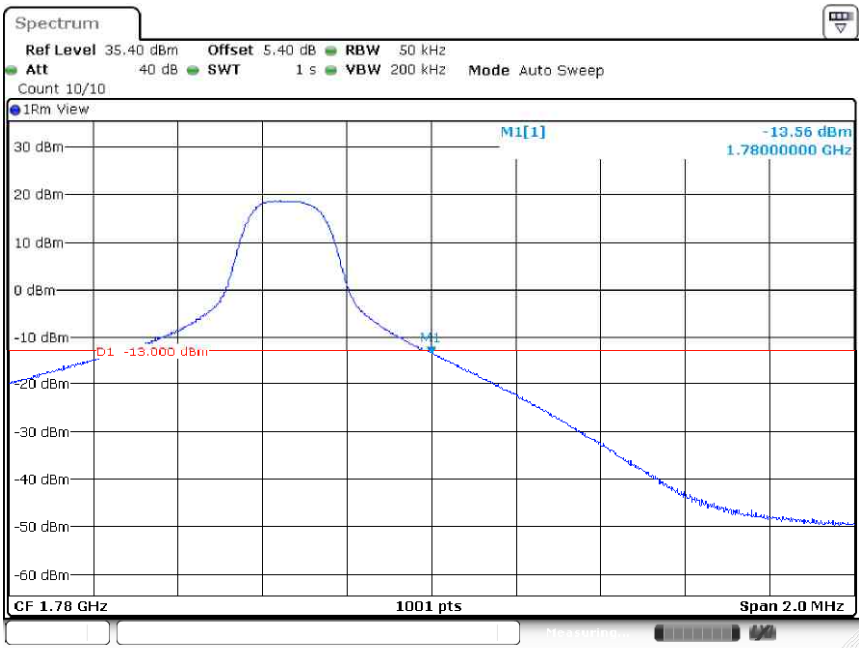
Band66-5MHz-QPSK-132647-1RB#24



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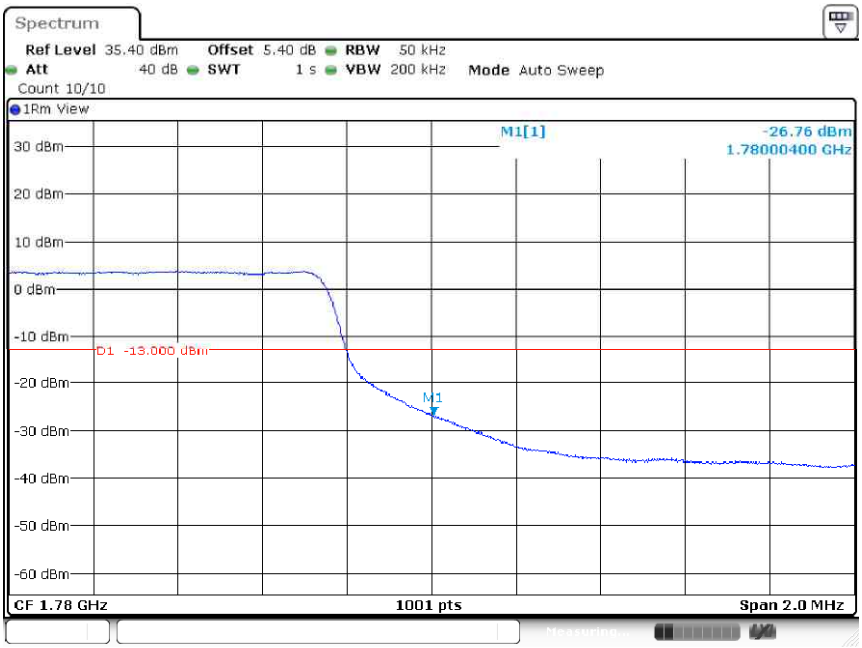
Band66-5MHz-QPSK-132647-25RB#0



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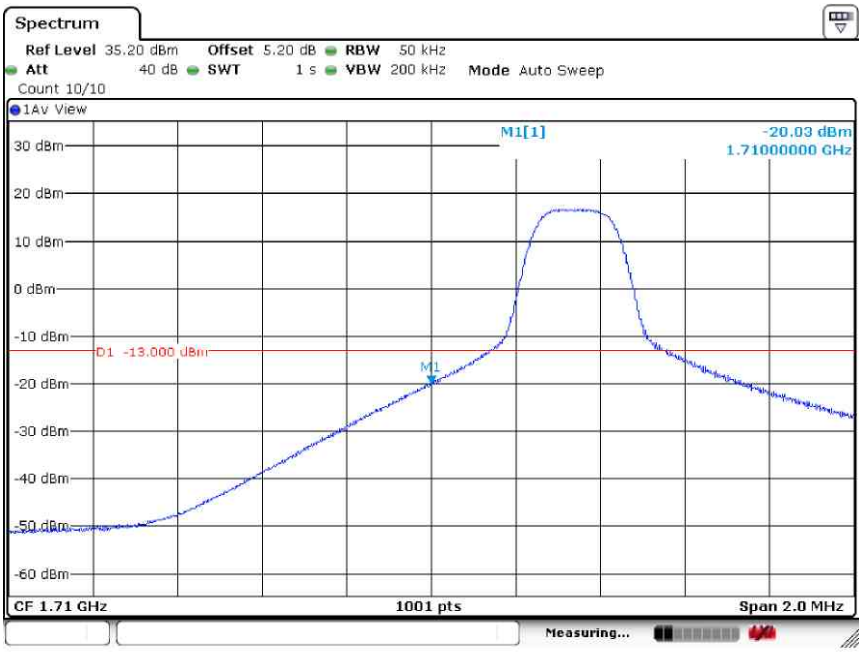

Date: 28.JUN.2020 10:30:08

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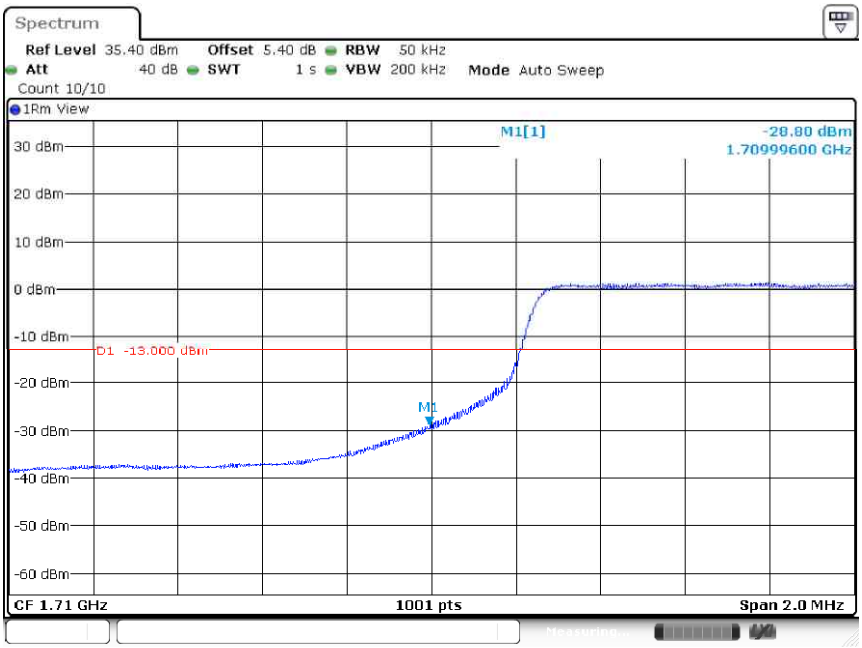

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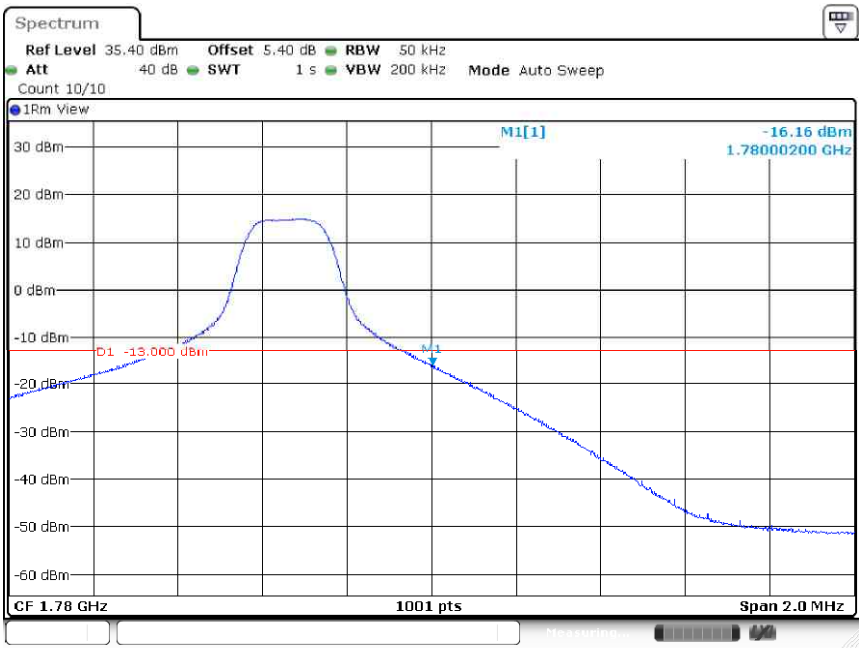
Band66-5MHz-64QAM-132647-1RB#24



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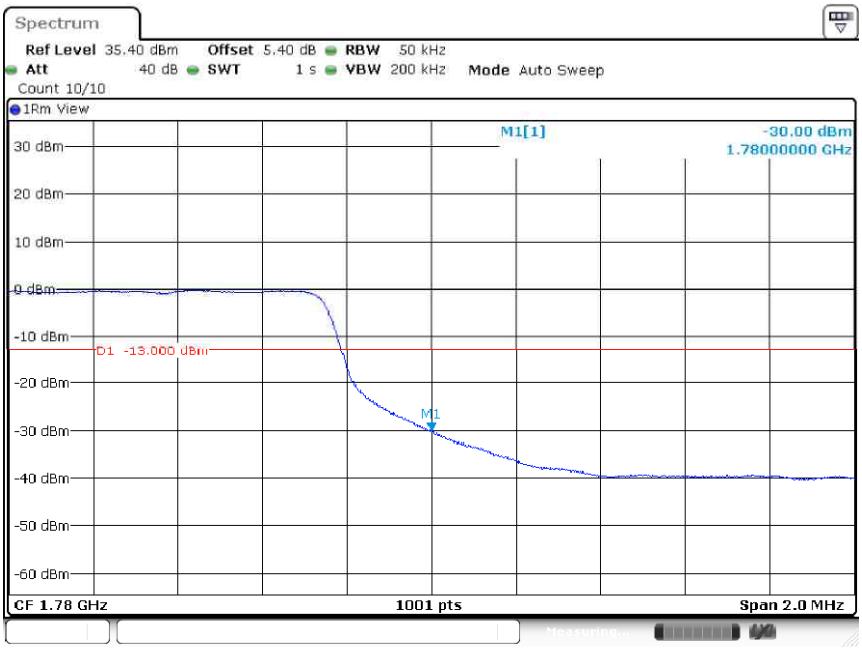
Band66-5MHz-64QAM-132647-25RB#0



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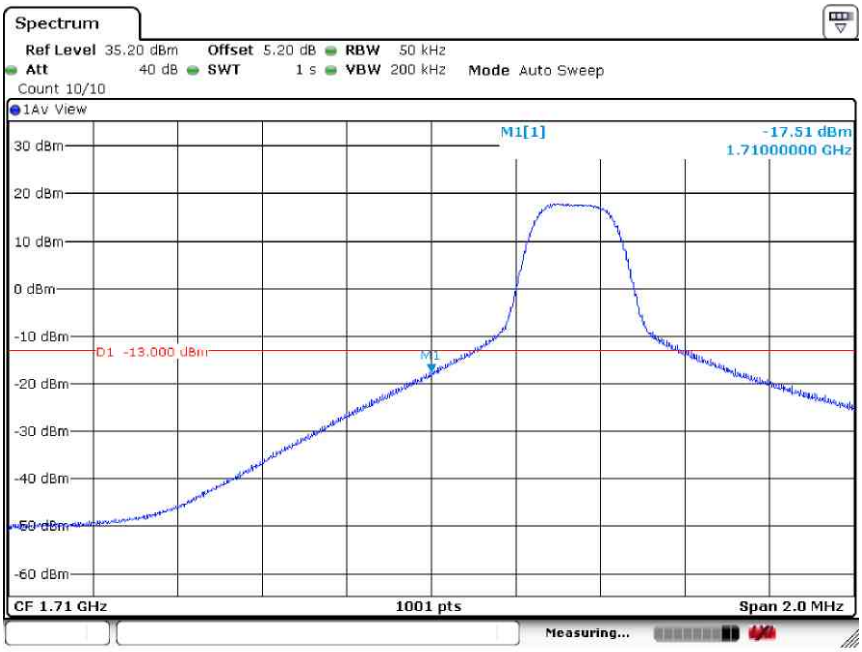

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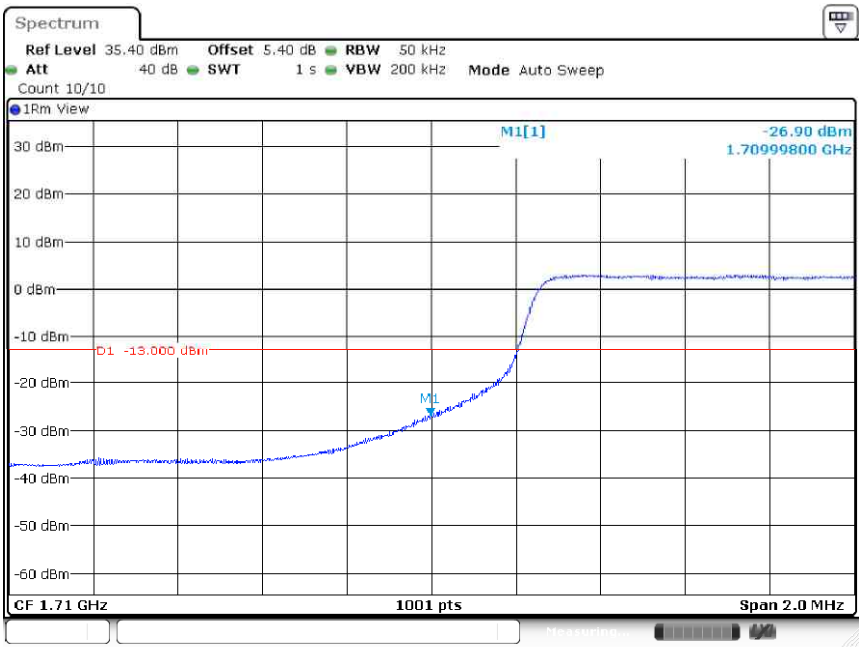

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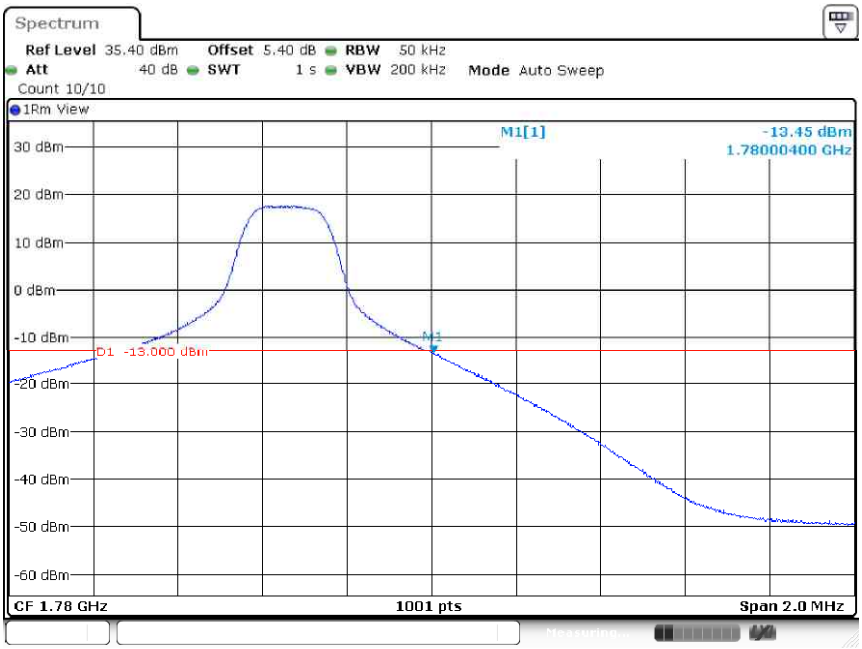
Band66-5MHz-16QAM-132647-1RB#24



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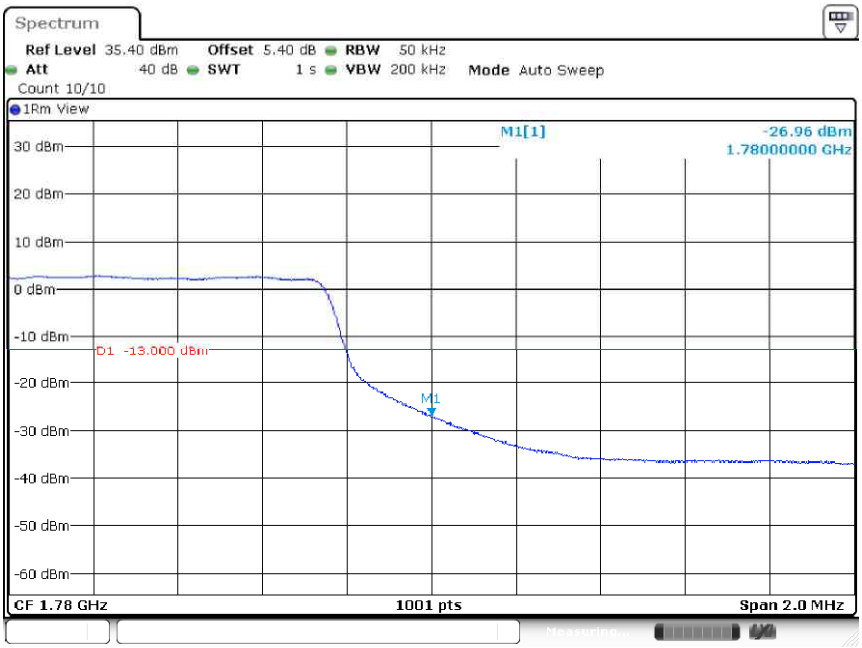
Band66-5MHz-16QAM-132647-25RB#0



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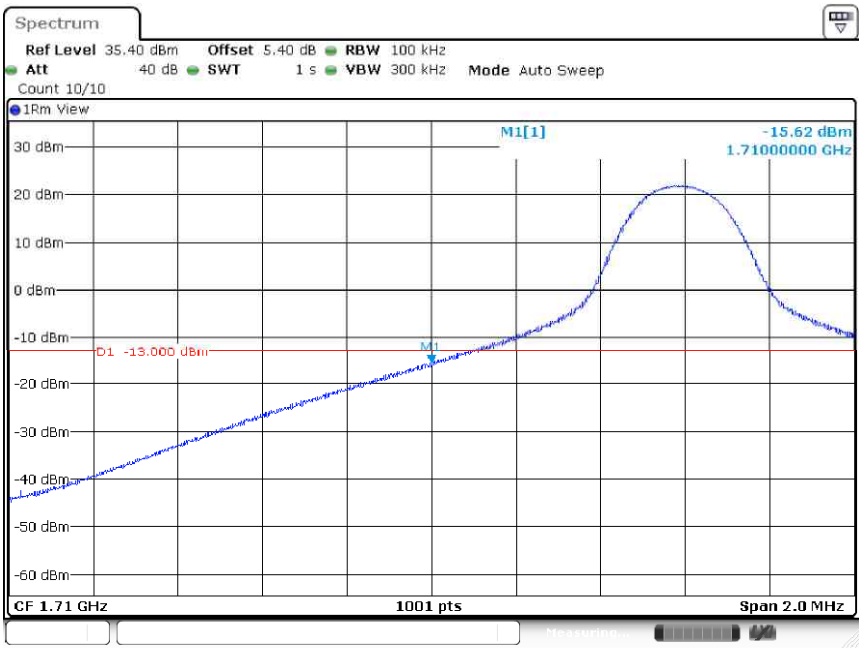

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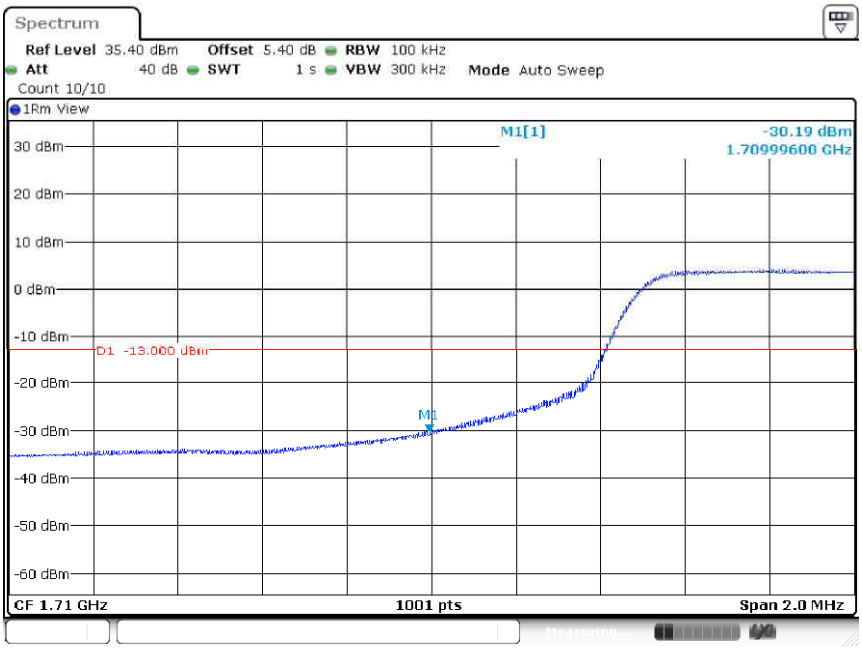

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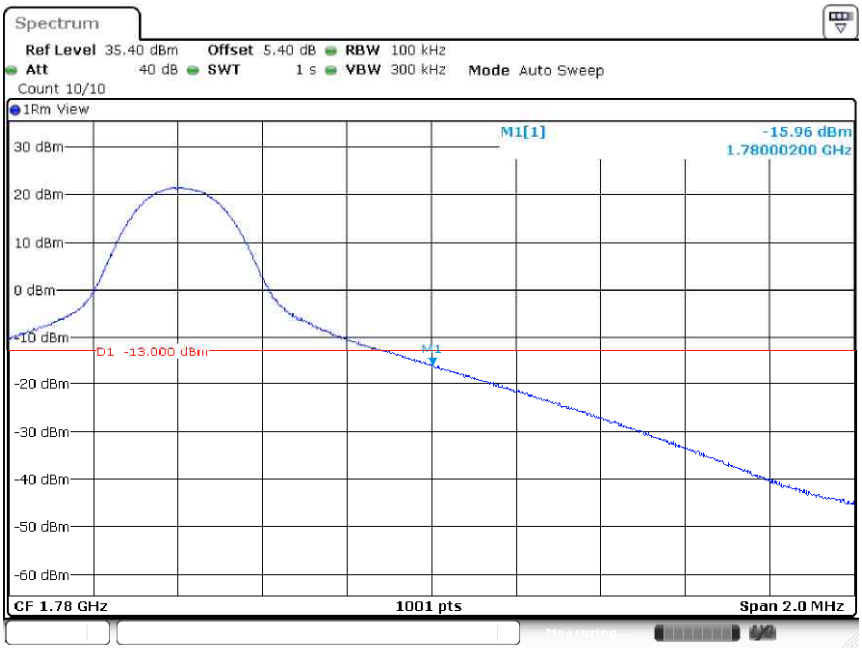

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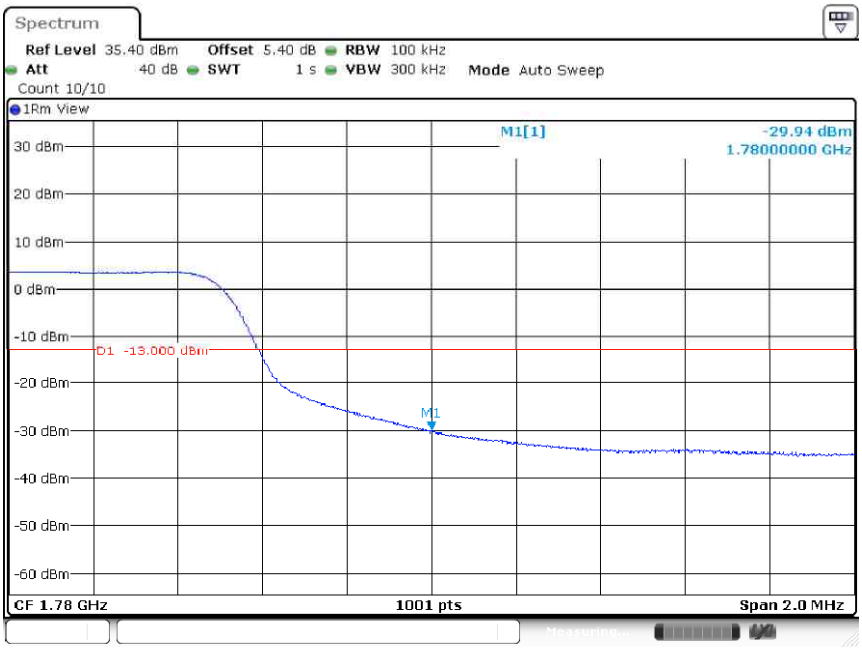

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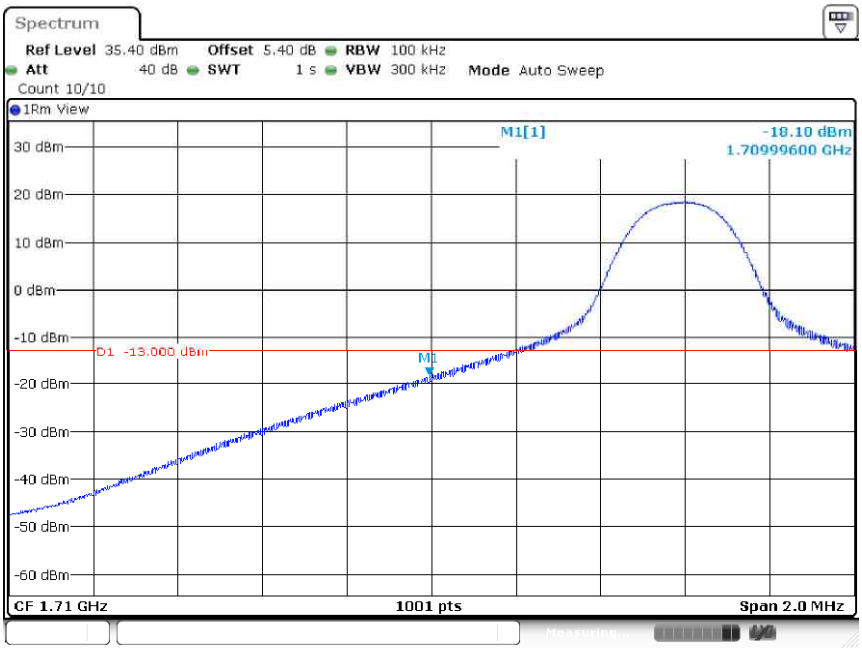

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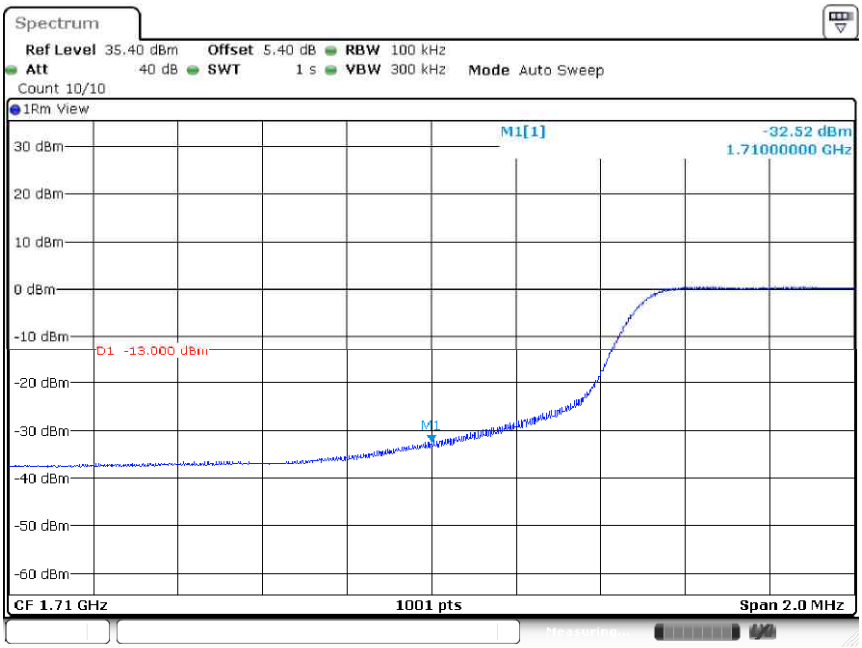

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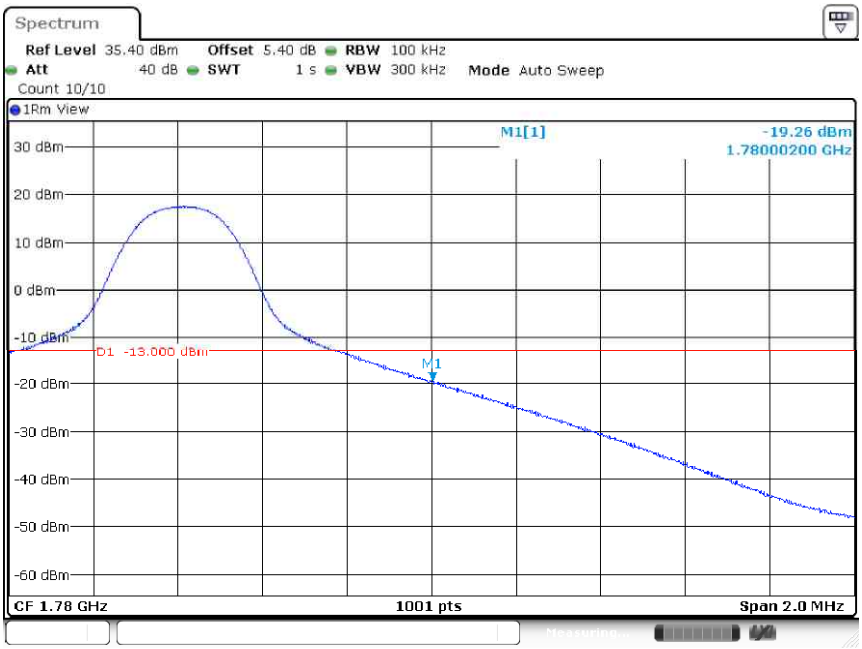
Band66-10MHz-64QAM-132622-1RB#49



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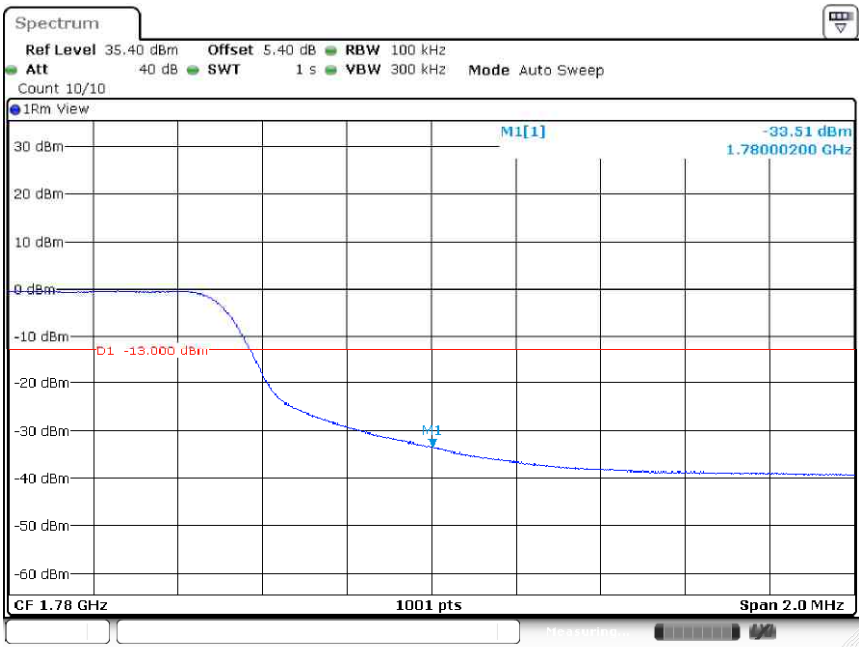

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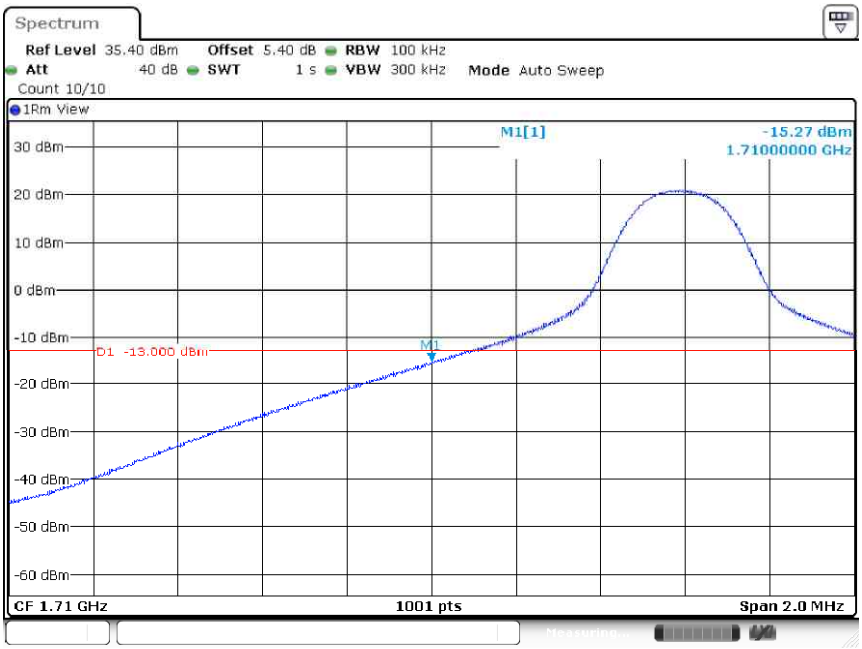

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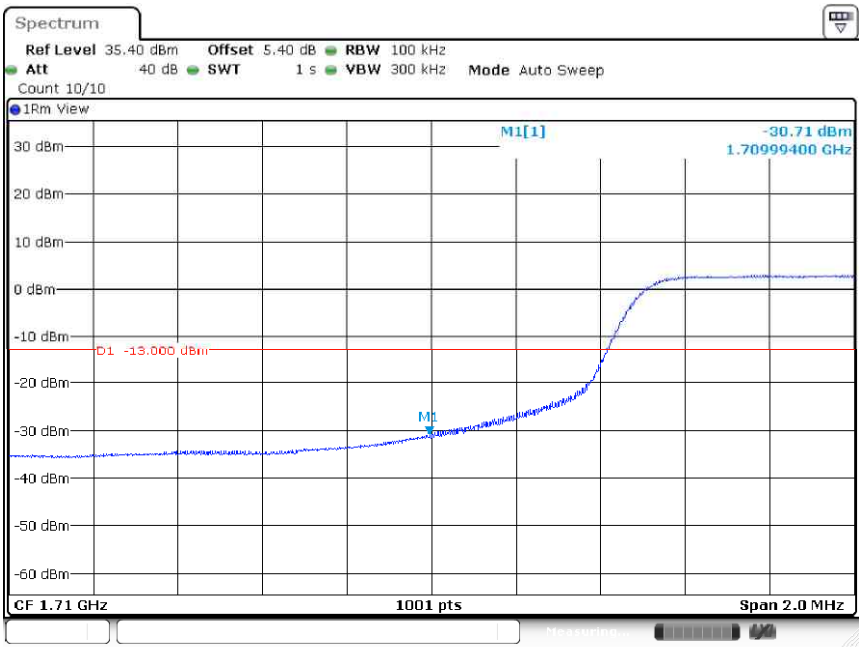
Band66-10MHz-16QAM-132022-50RB#0



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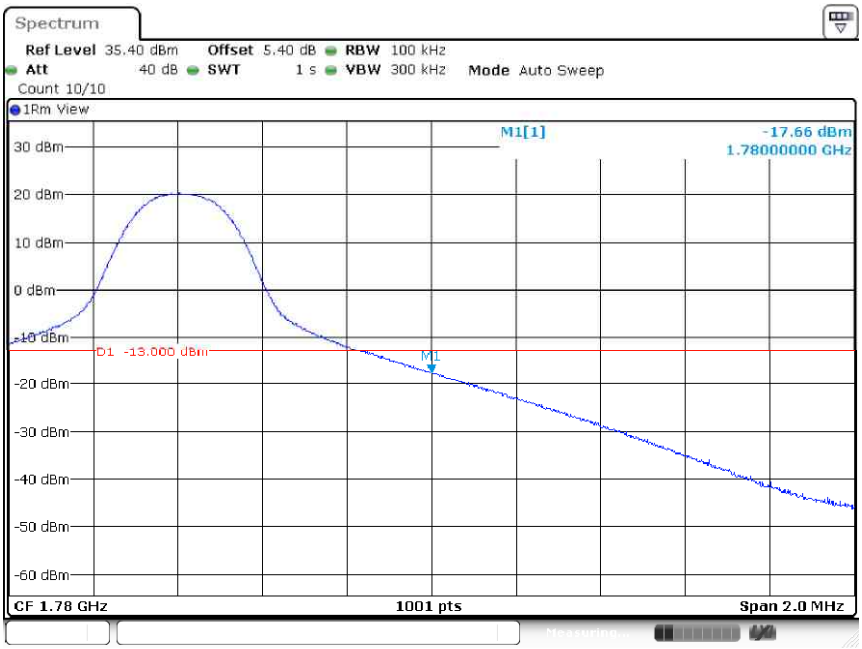
Band66-10MHz-16QAM-132622-1RB#49



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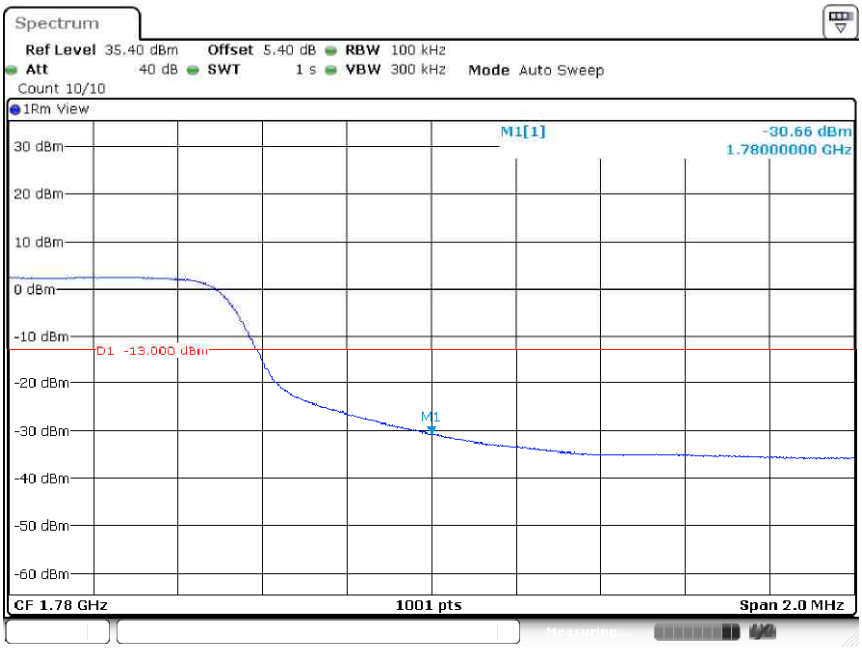

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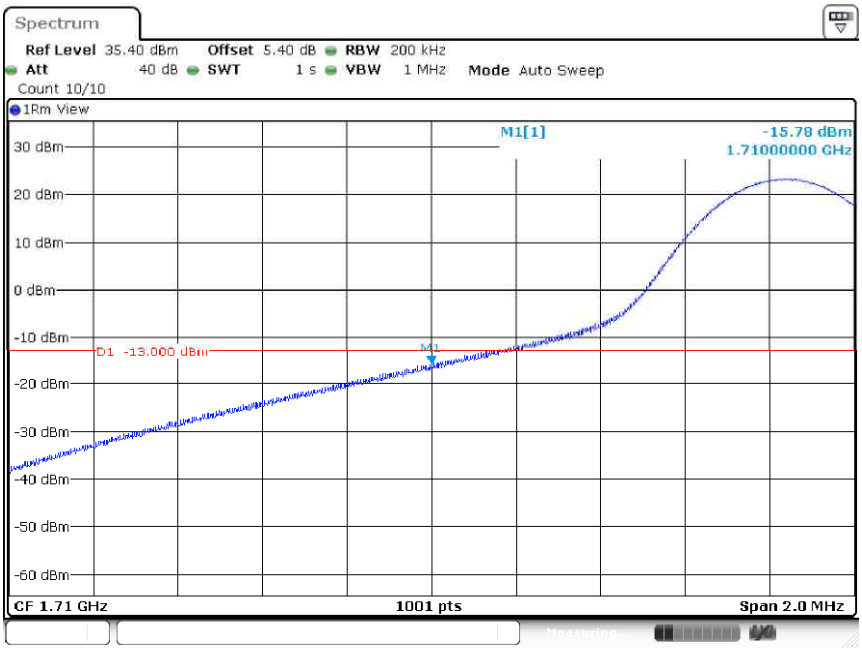

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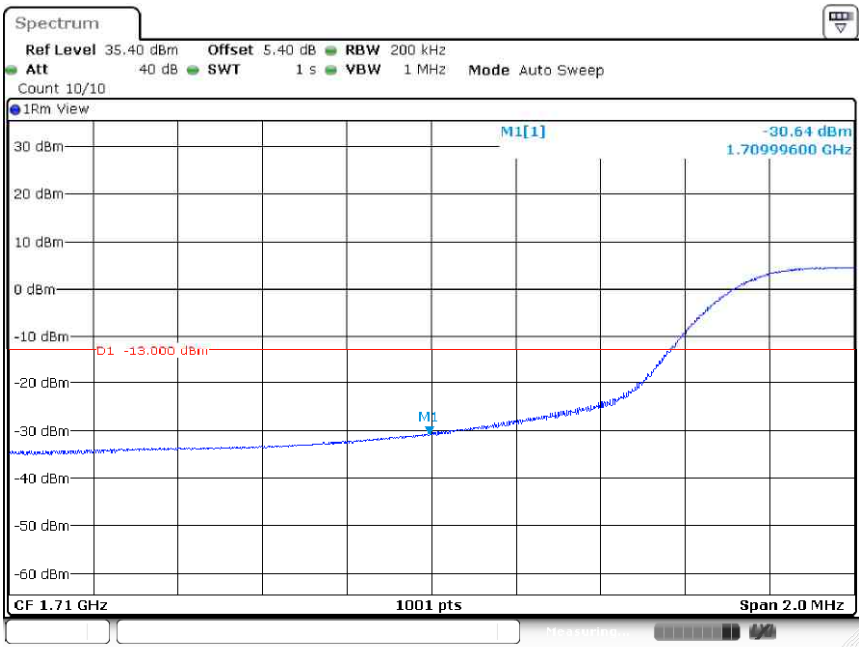
Band66-15MHz-QPSK-132047-75RB#0



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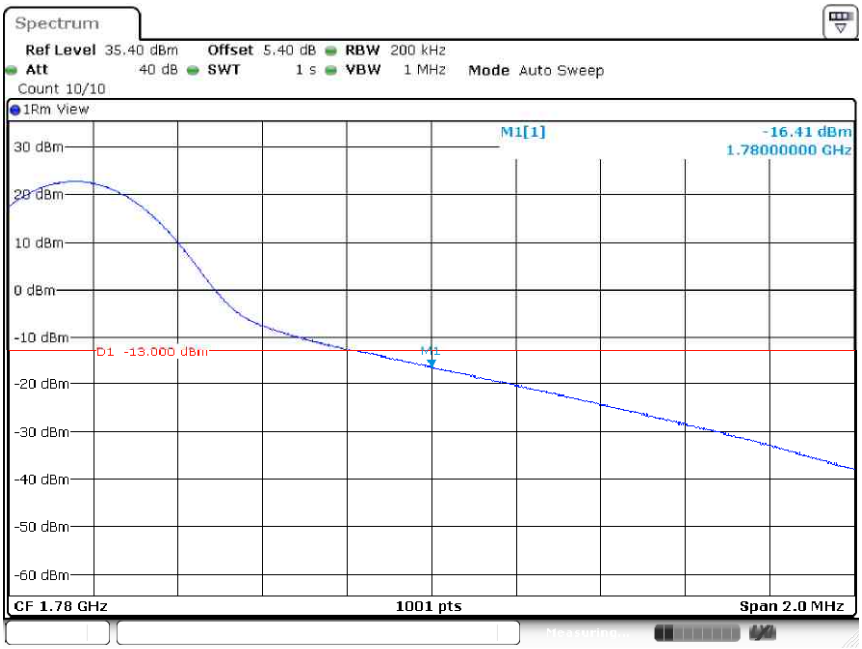
Band66-15MHz-QPSK-132597-1RB#74



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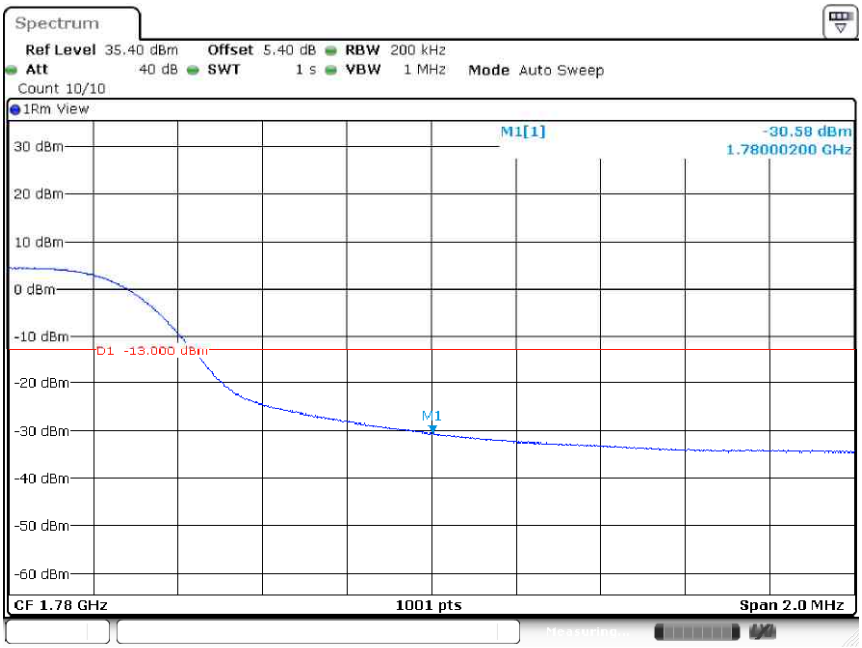

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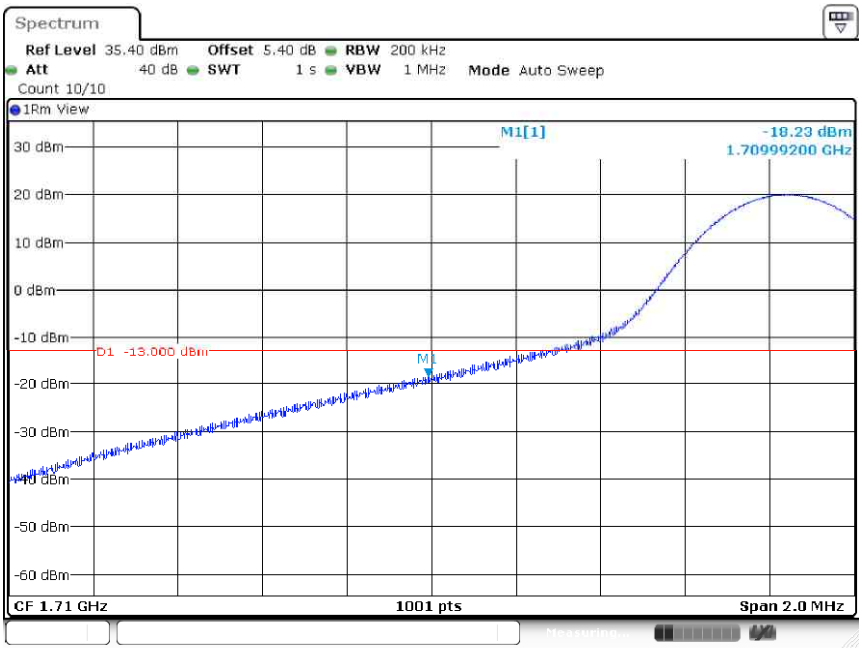

Date: 24.JUN.2020 10:47:31

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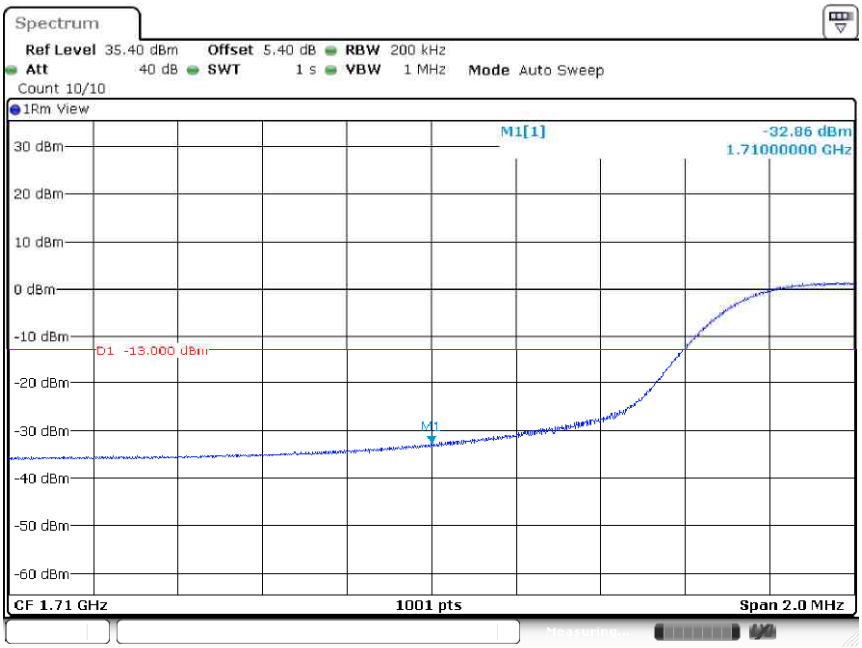
Band66-15MHz-64QAM-132047-75RB#0



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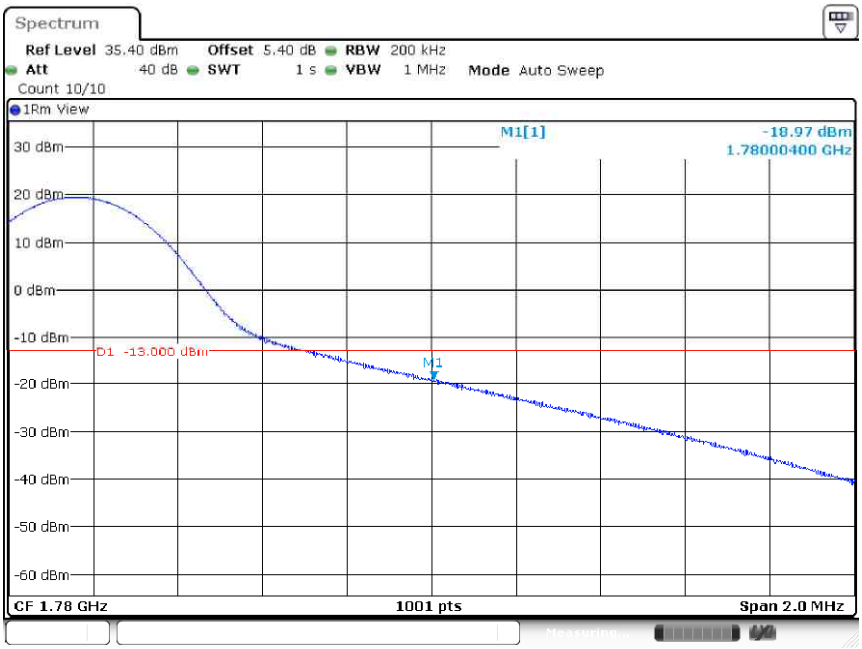
Band66-15MHz-64QAM-132597-1RB#74



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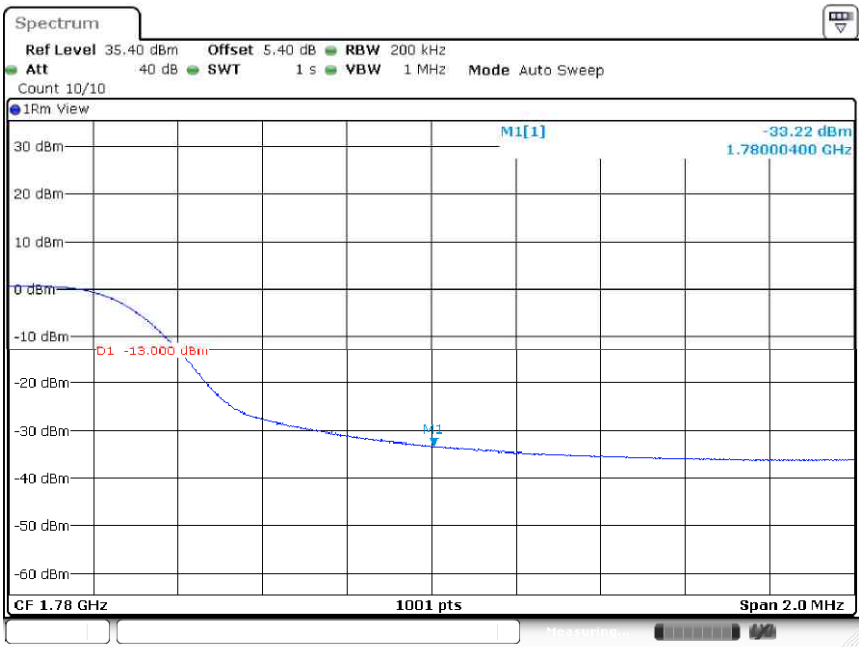
Band66-15MHz-64QAM-132597-75RB#0



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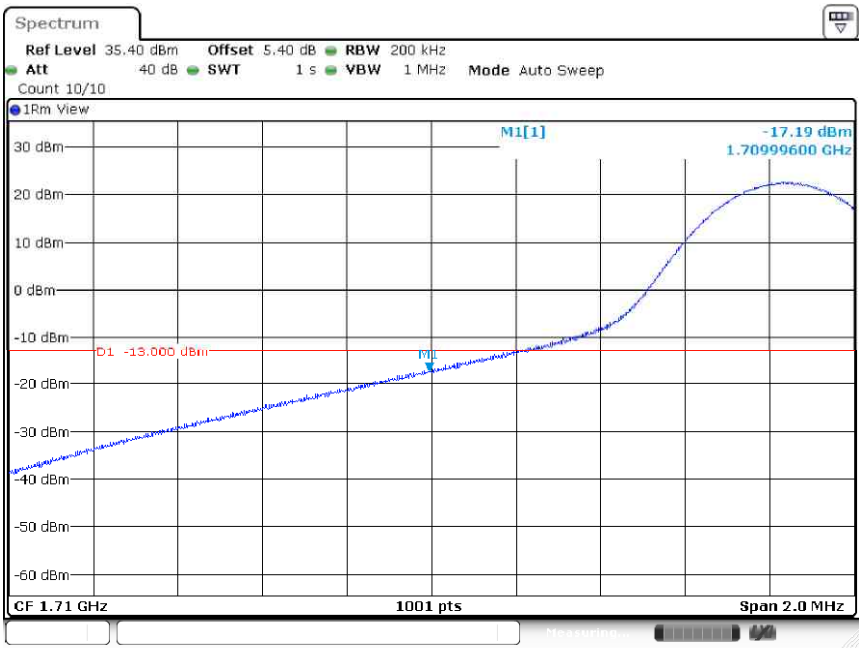

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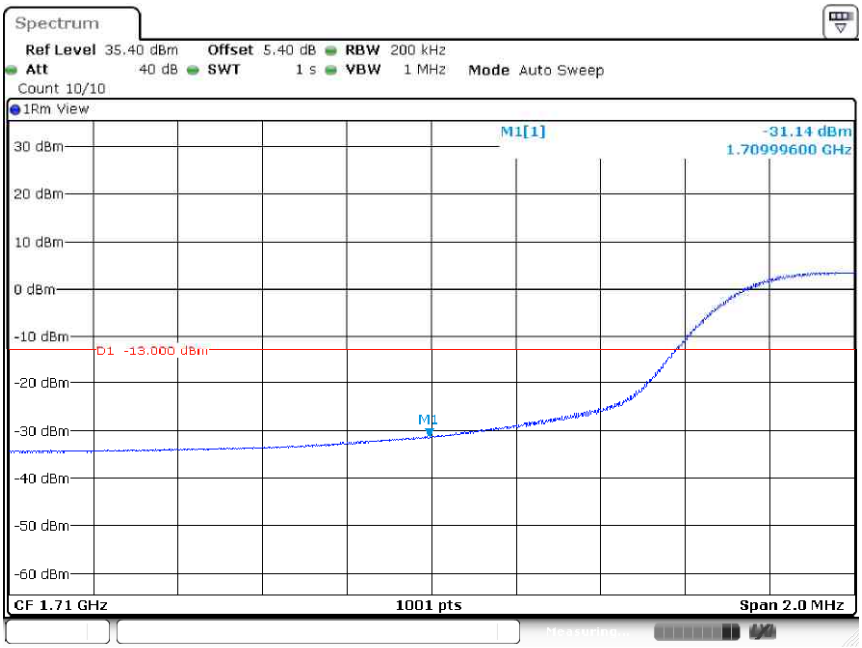

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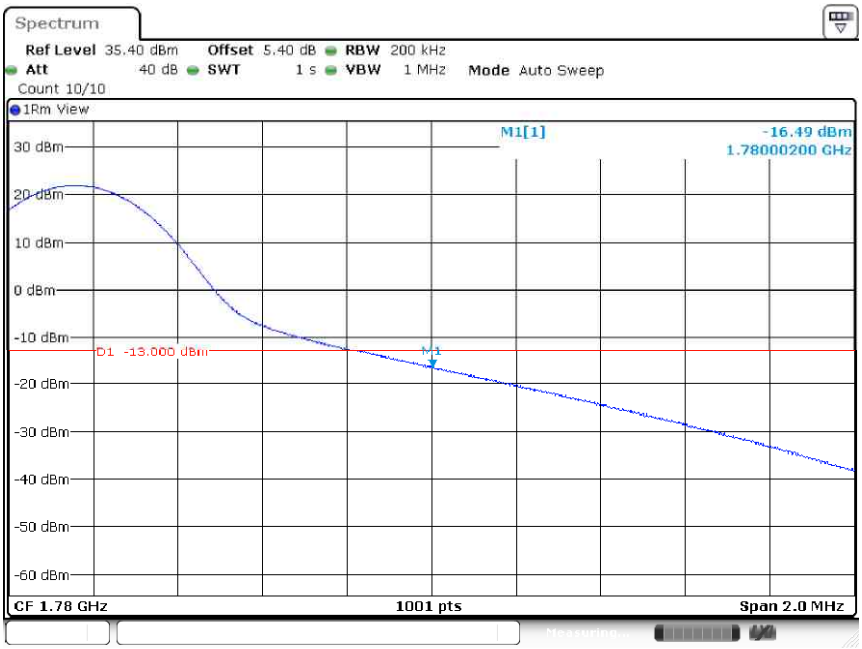
Band66-15MHz-16QAM-132597-1RB#74



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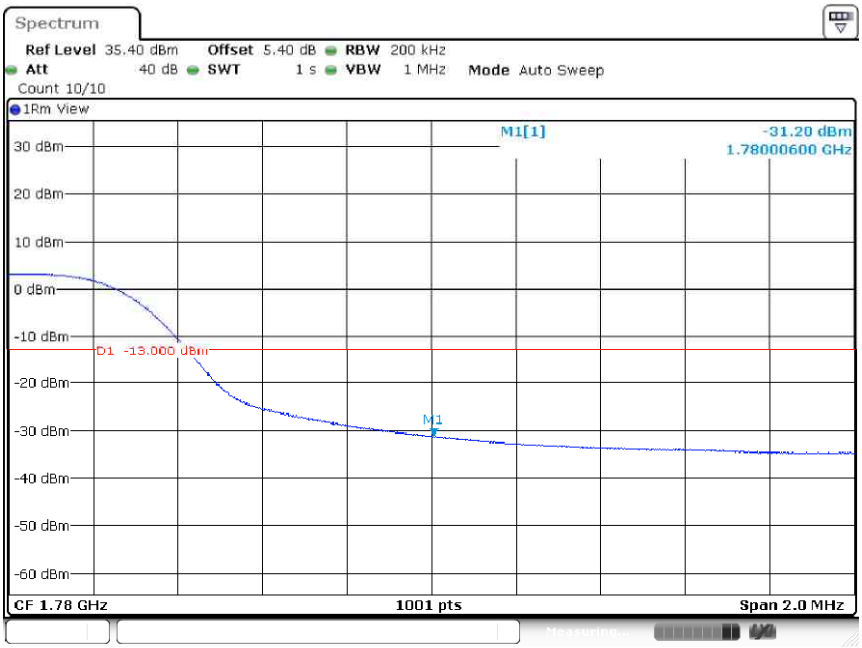

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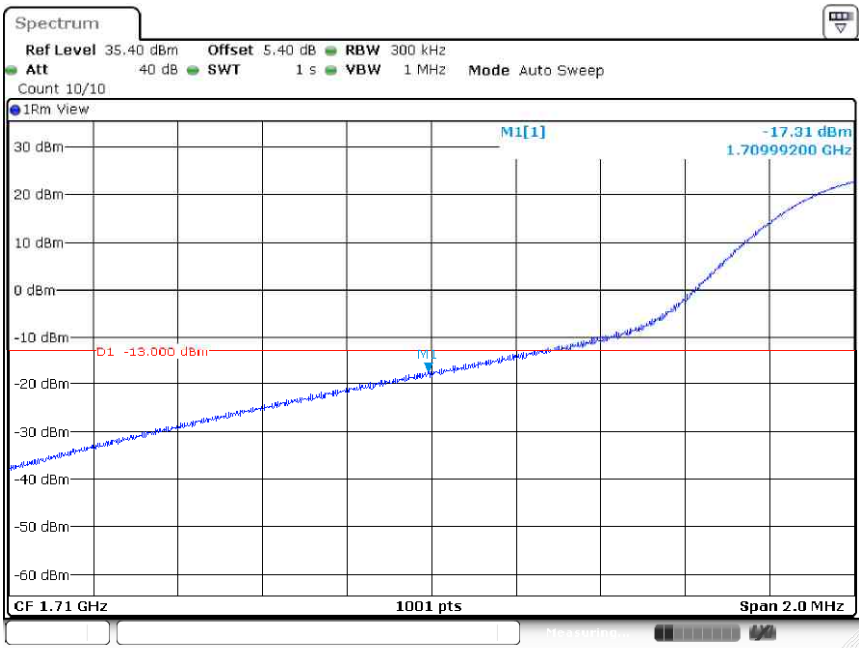

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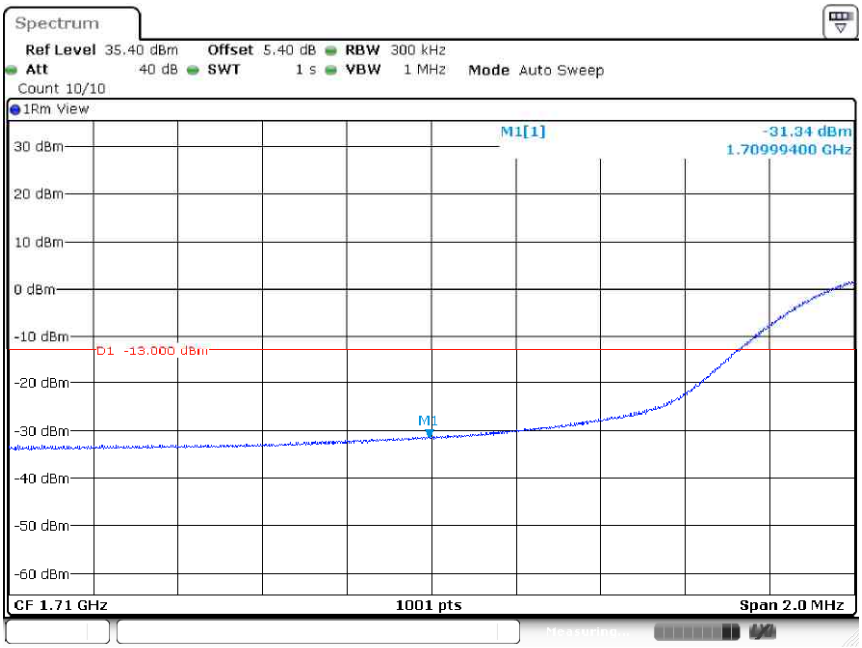

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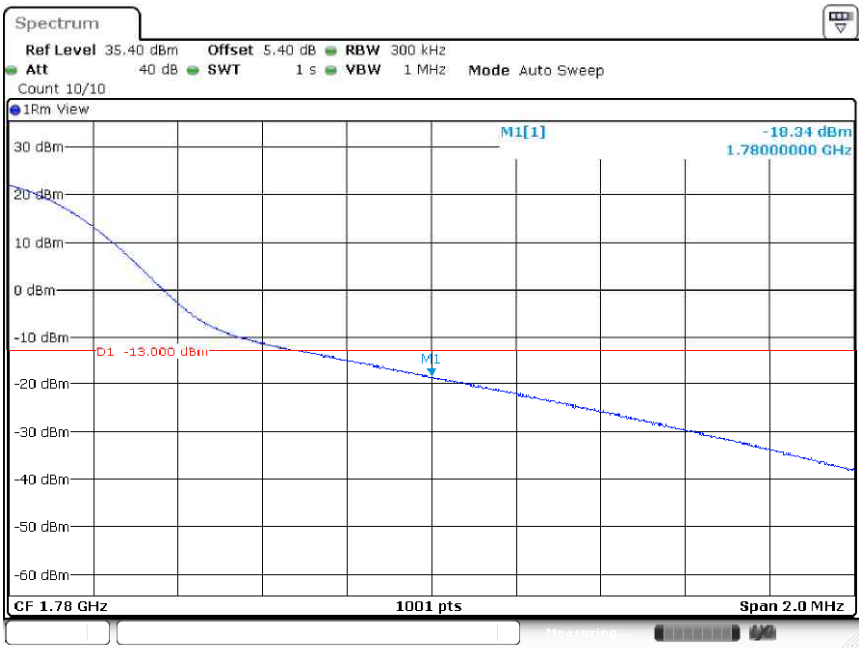

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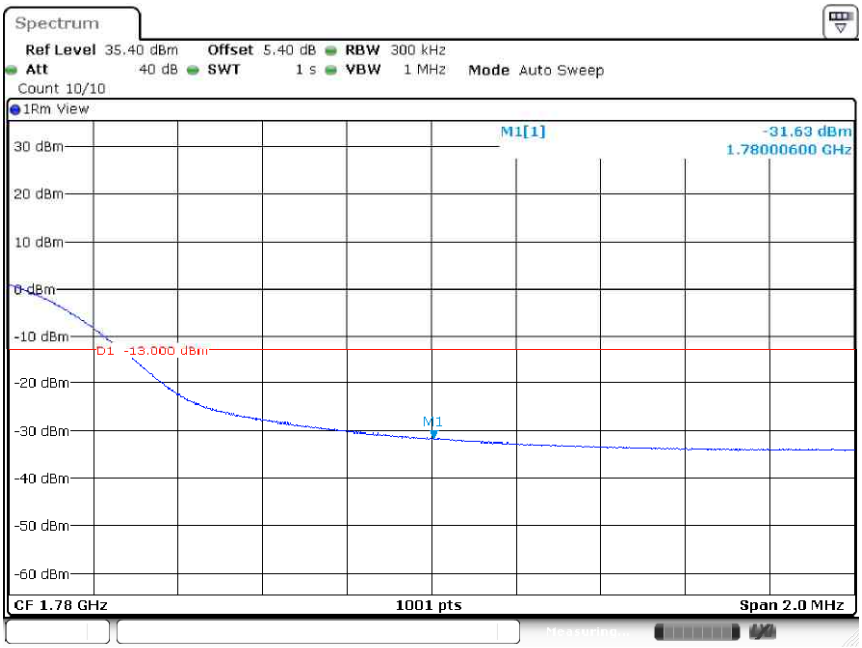

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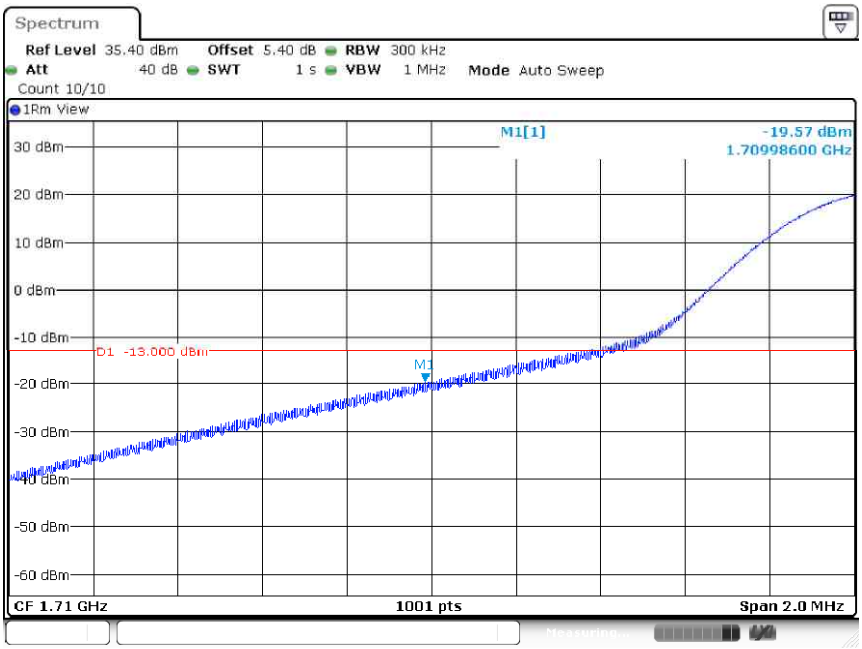

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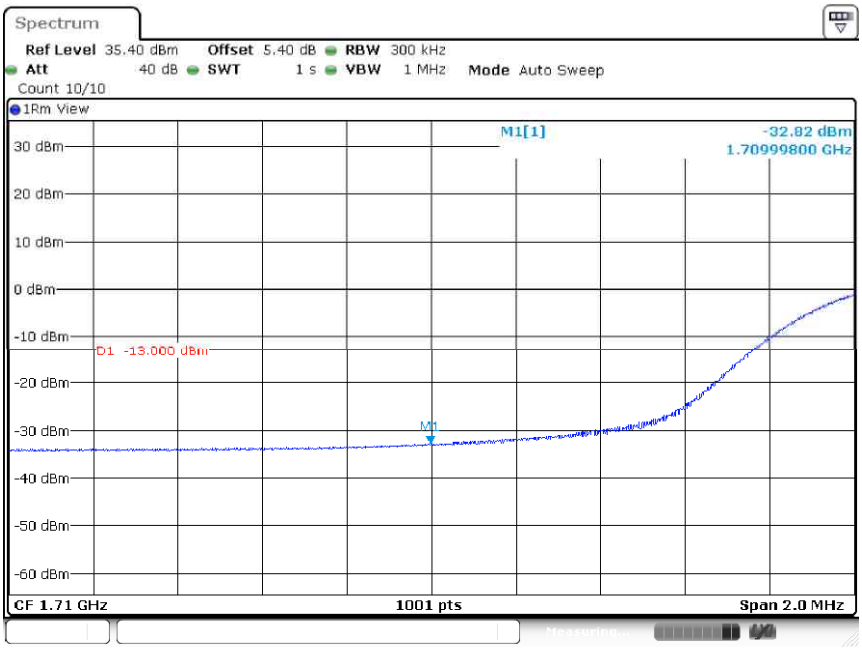
Band66-20MHz-64QAM-132072-100RB#0



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Date: 24.JUN.2020 10:49:49

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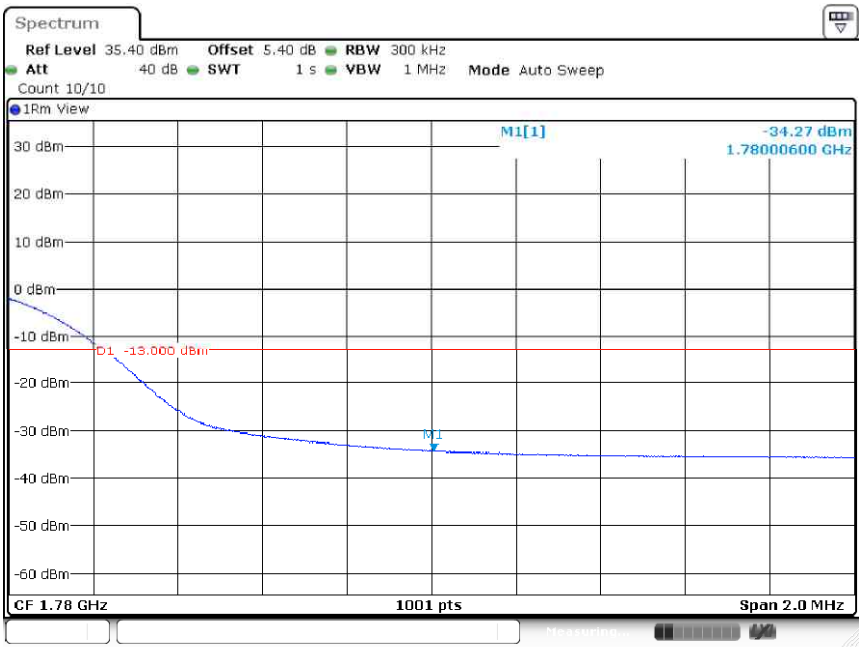
Band66-20MHz-64QAM-132572-100RB#0



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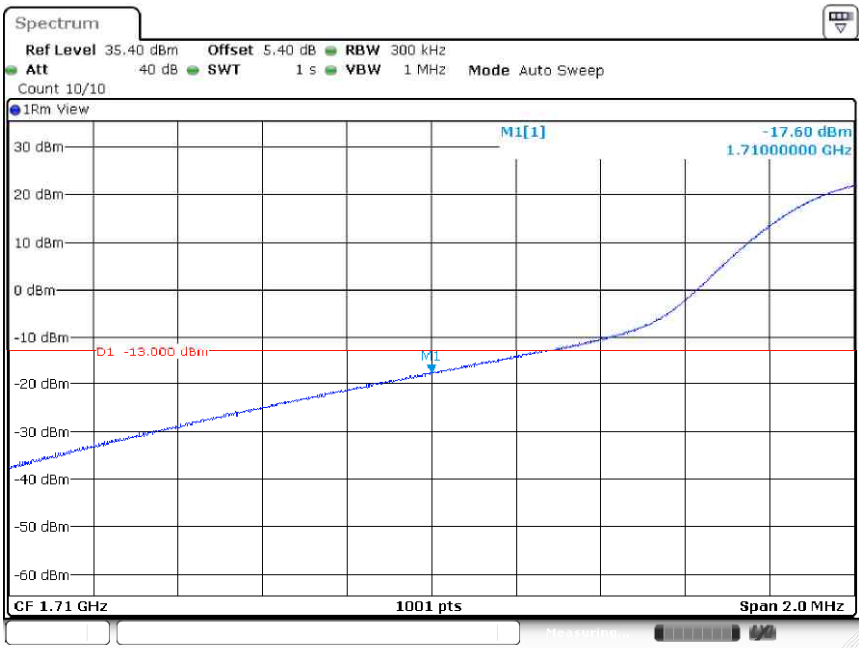

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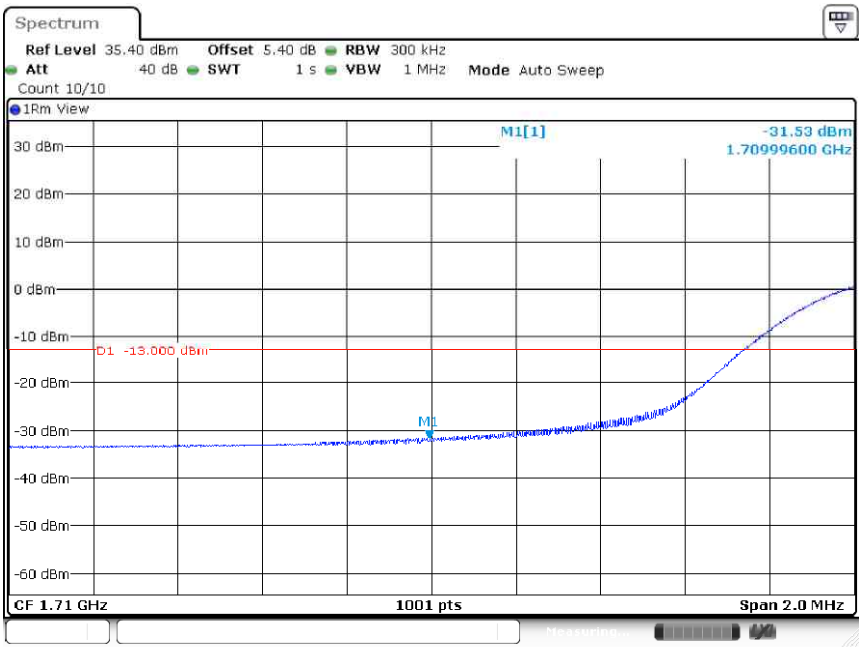
Band66-20MHz-16QAM-132072-100RB#0



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

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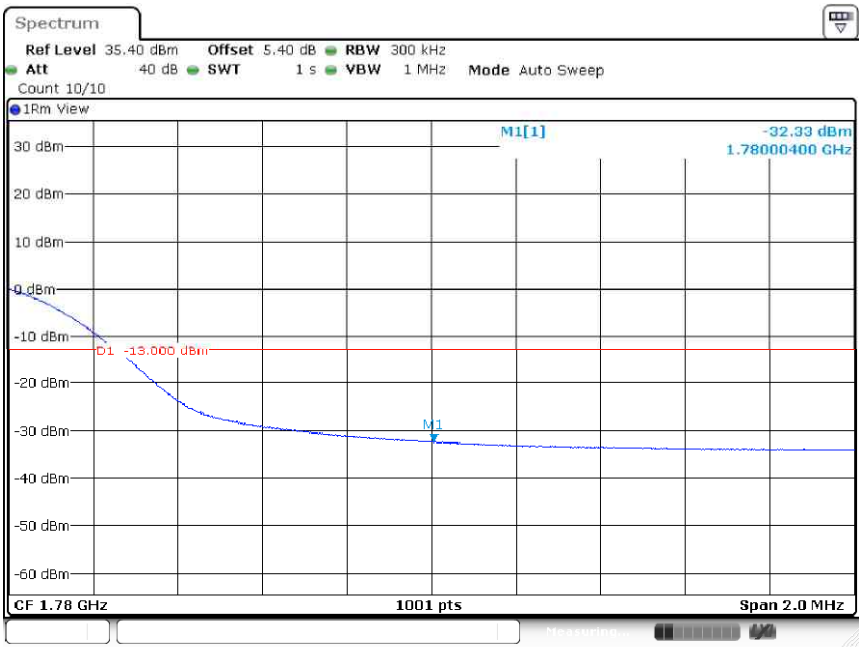
Band66-20MHz-16QAM-132572-100RB#0



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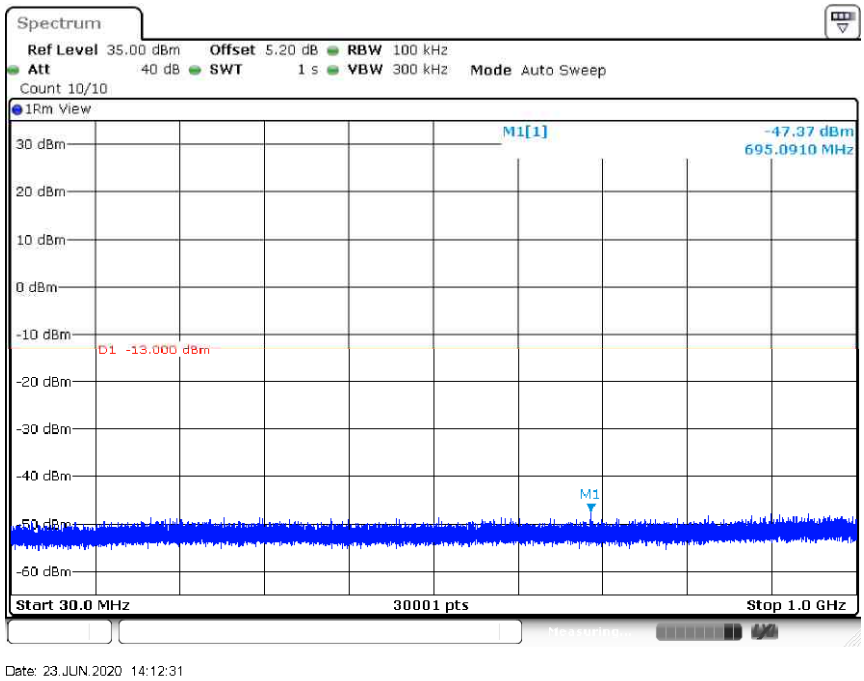
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

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

6.1. Test Plots

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



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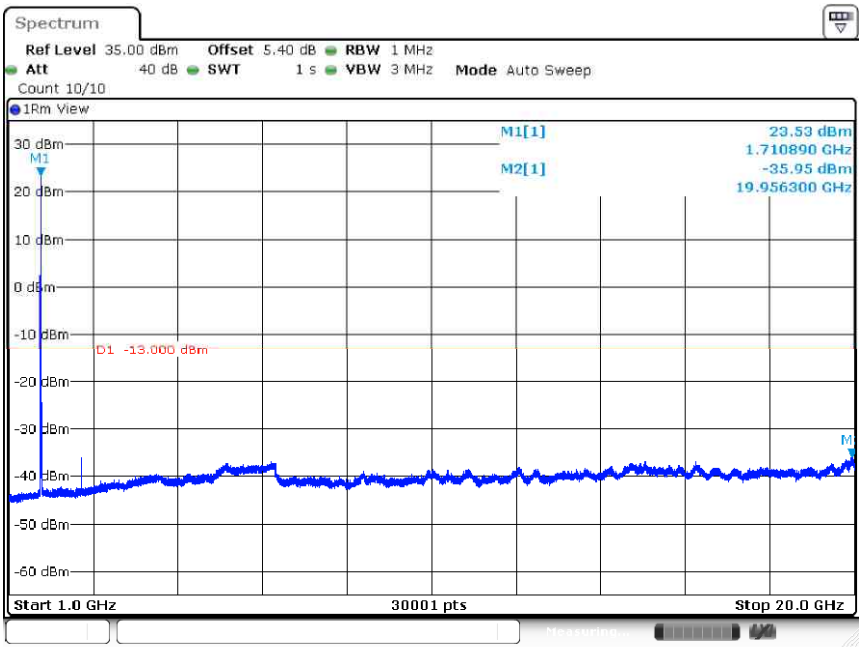
Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~20000MHz



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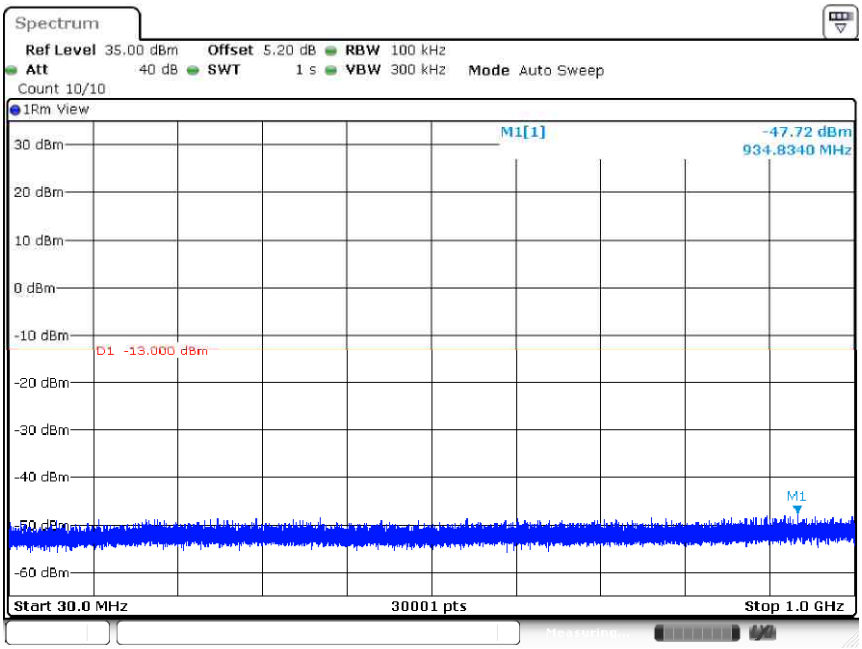

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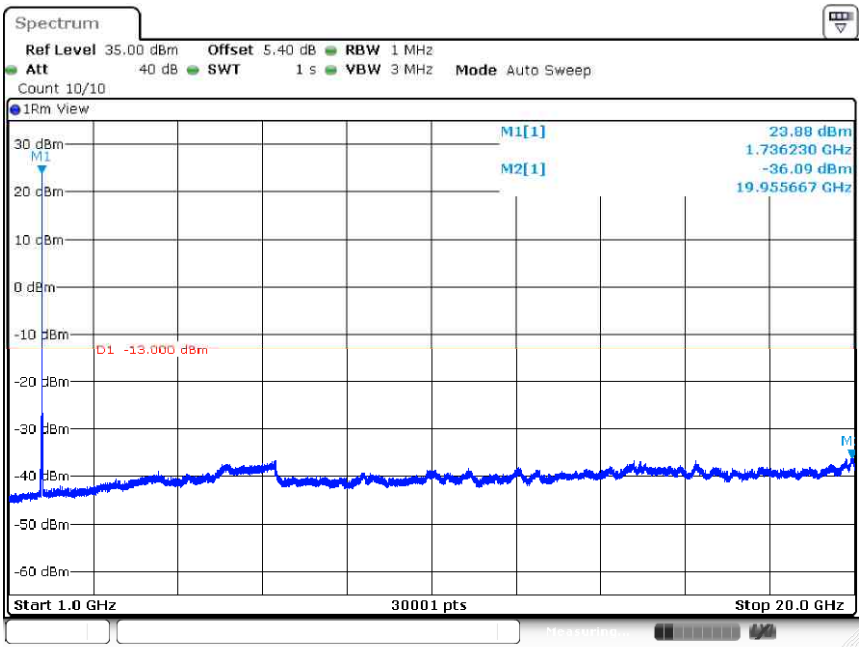
Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



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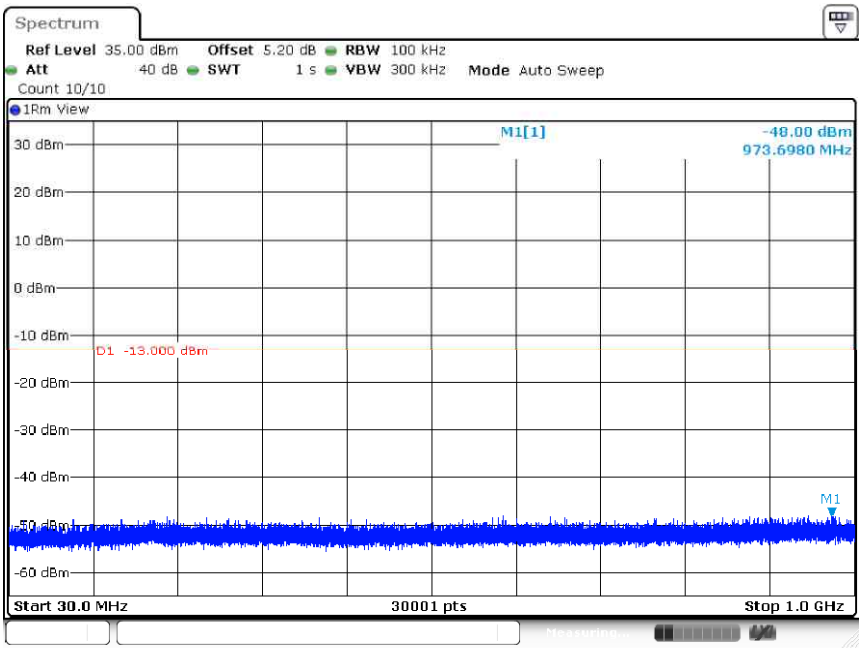

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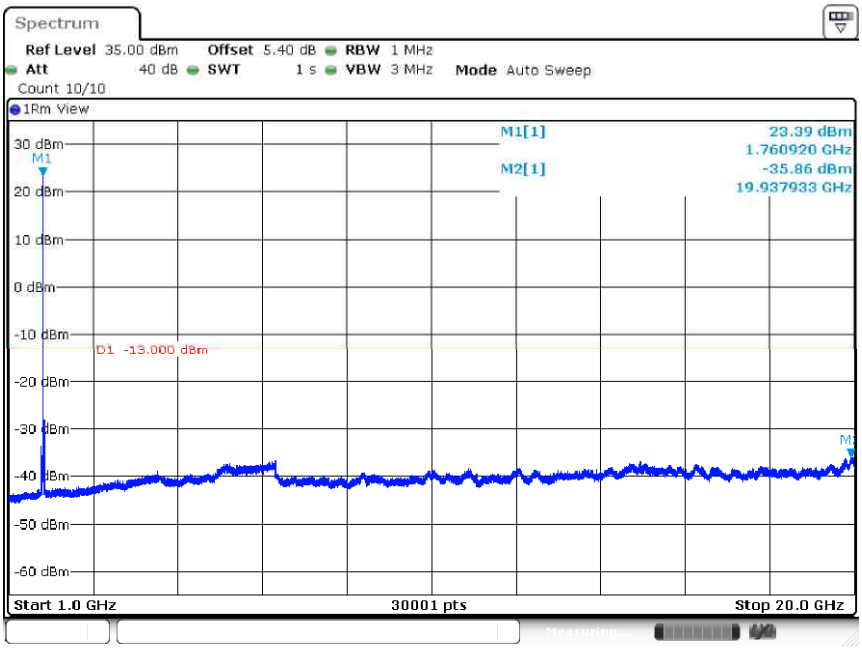
Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~20000MHz



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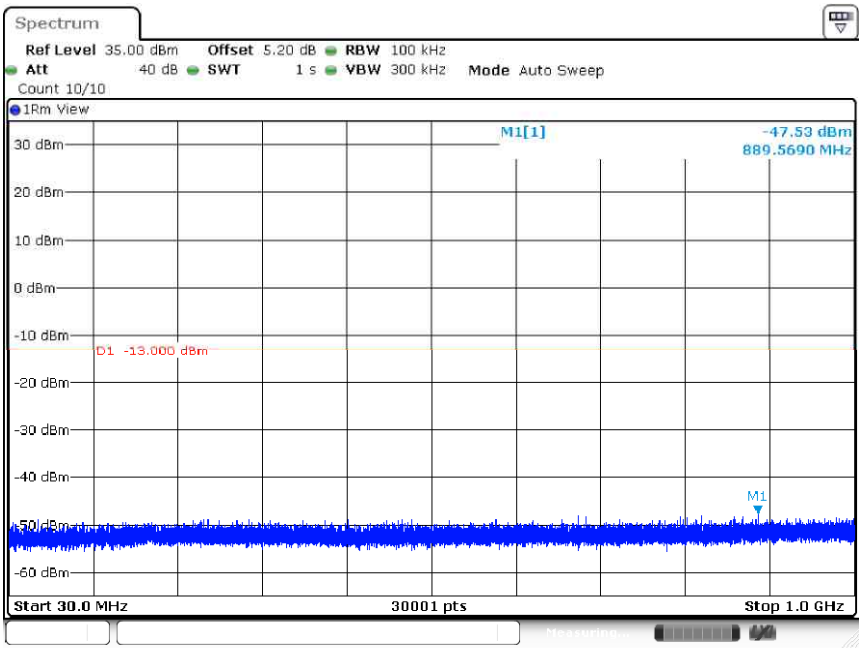

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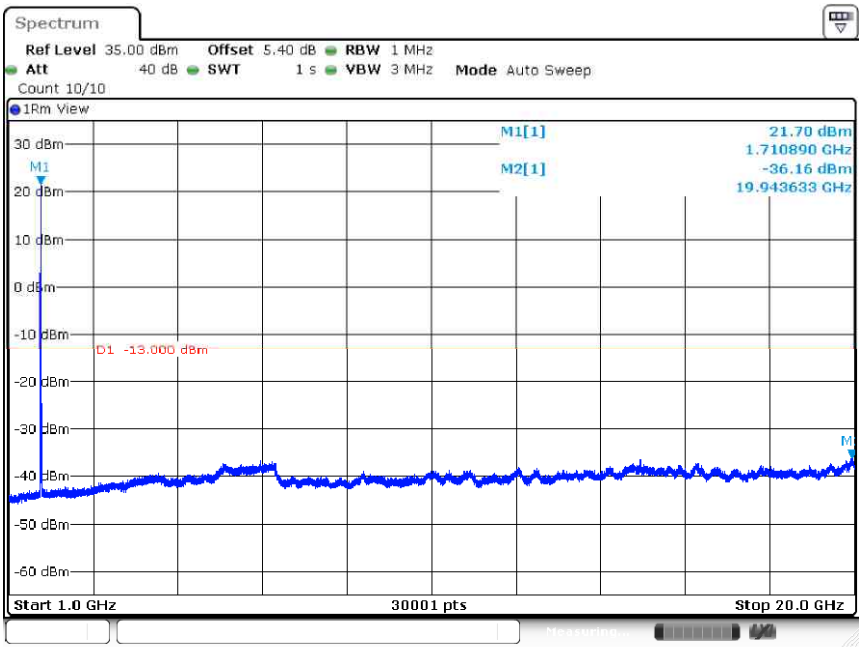
Band66-20MHz-64QAM-132072-1RB#0-Range2:1000~20000MHz



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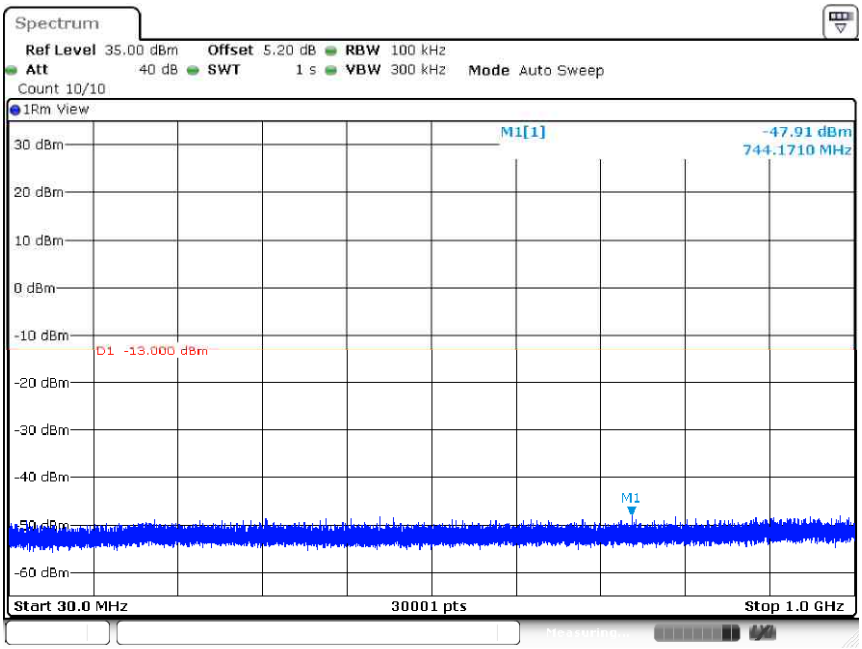

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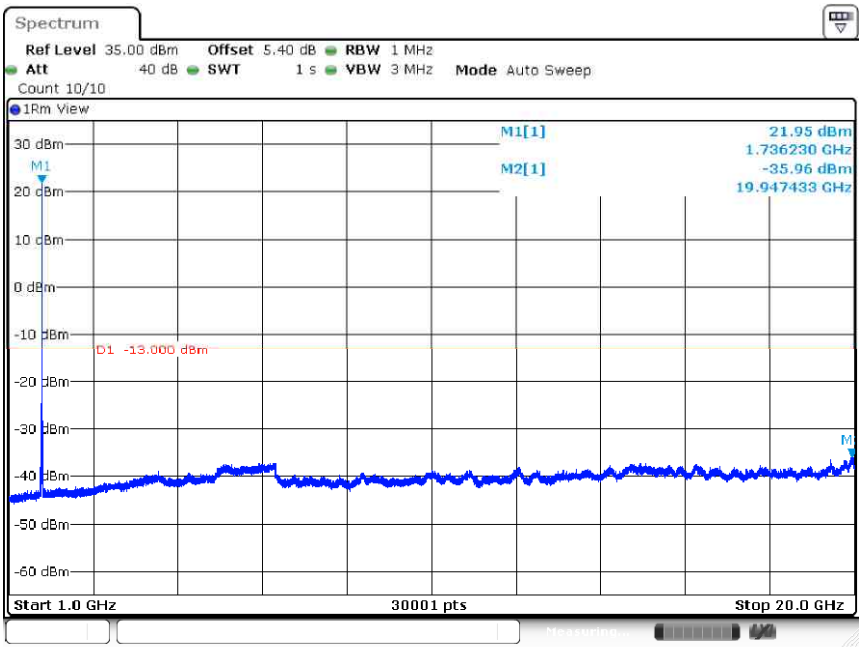
Band66-20MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz



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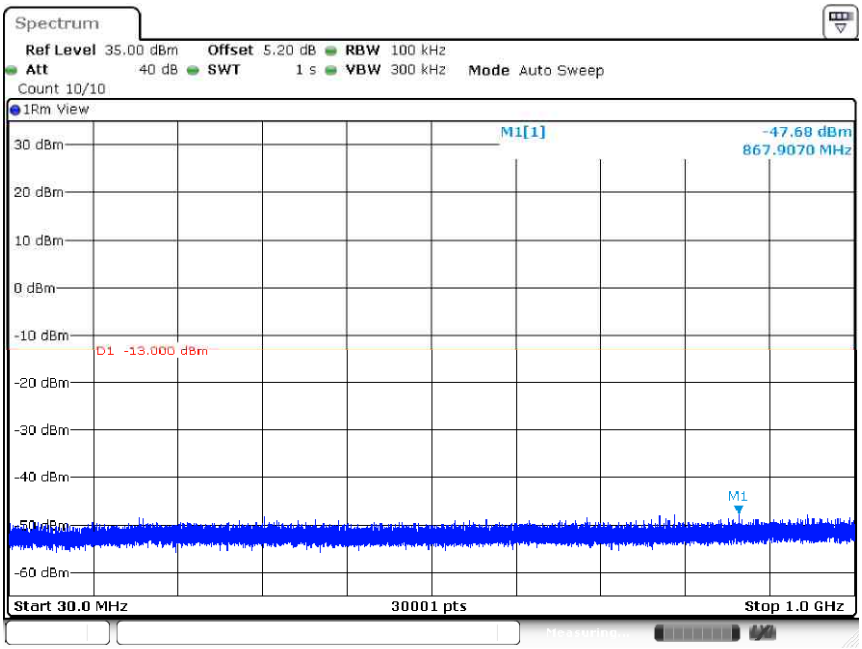

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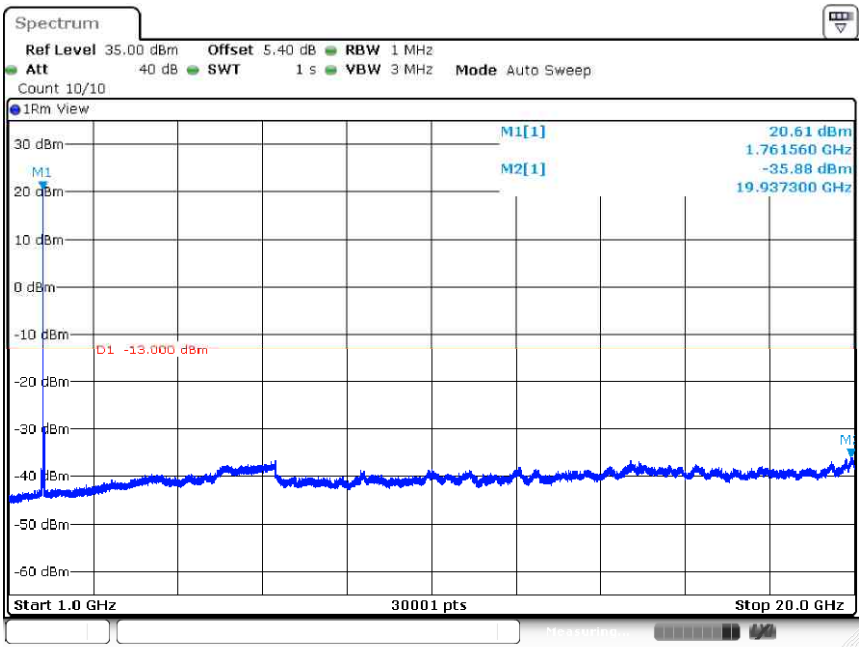
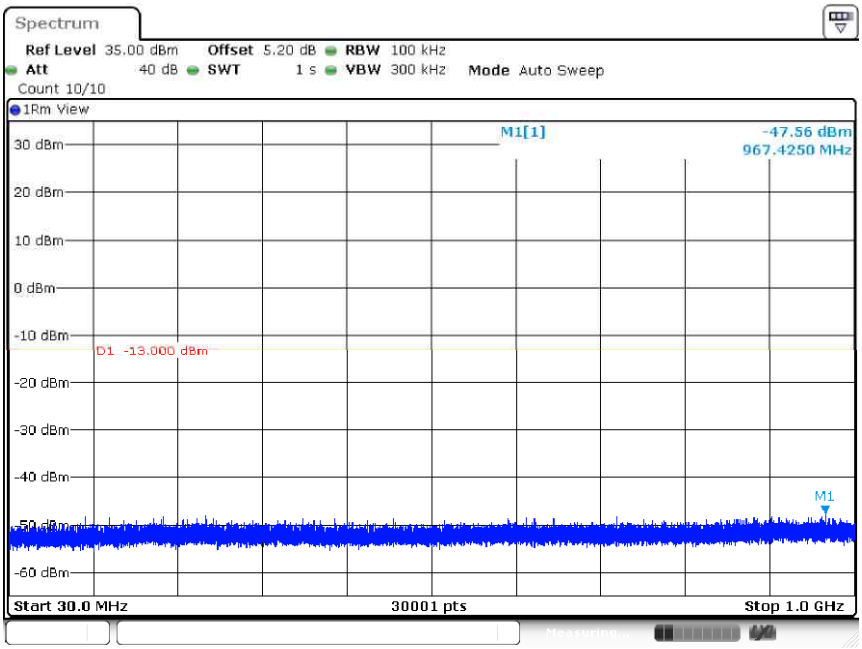
Band66-20MHz-64QAM-132572-1RB#0-Range2:1000~20000MHz



Date: 24.JUN.2020 10:52:01

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



Date: 23.JUN.2020 14:13:06

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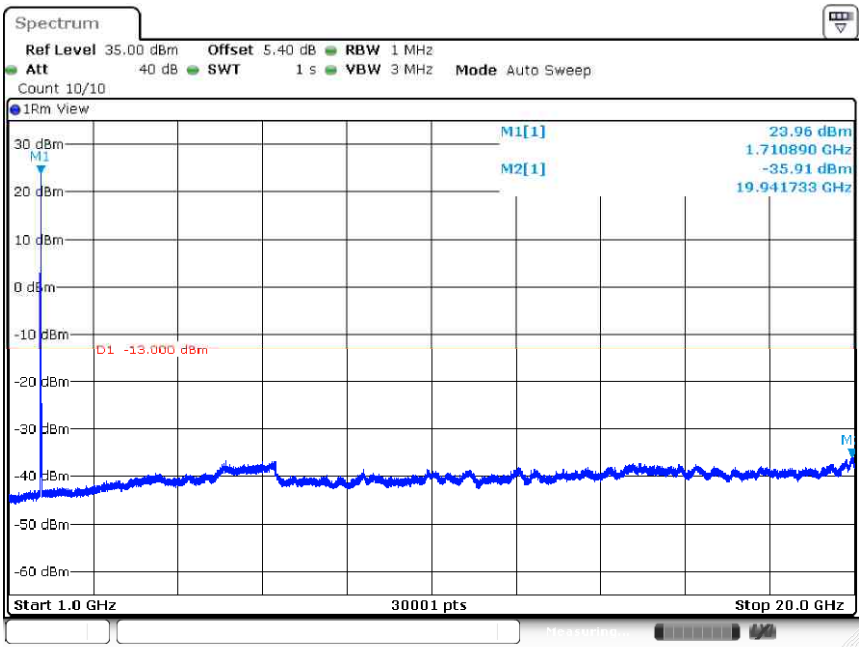
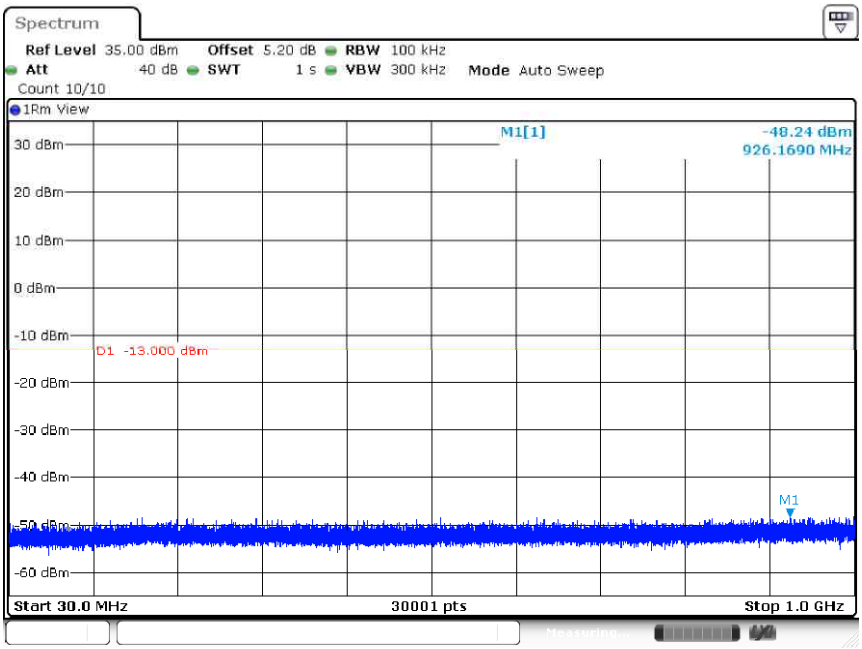
Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~20000MHz



Date: 23.JUN.2020 14:13:23

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



Date: 23.JUN.2020 14:14:17

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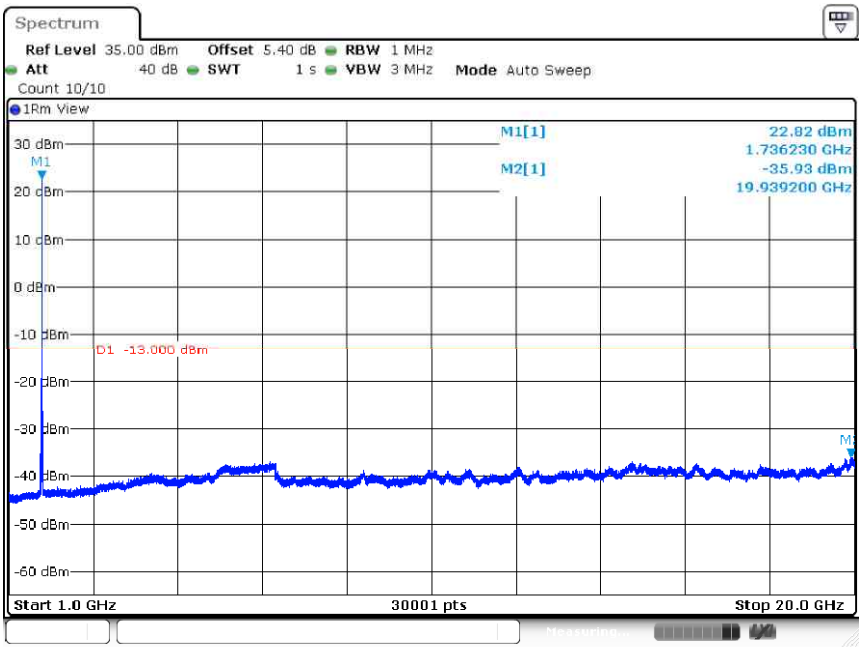
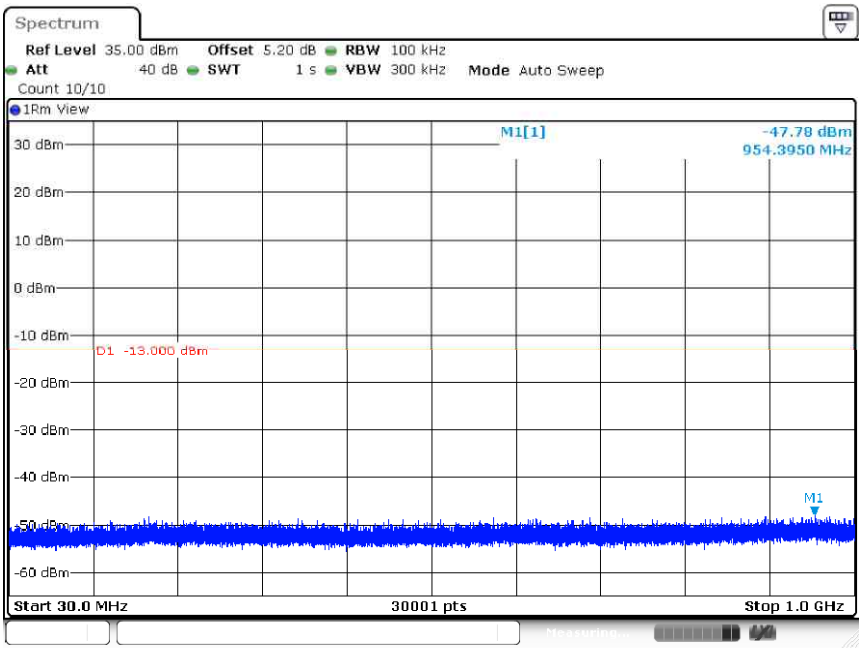
Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



Date: 23.JUN.2020 14:14:33

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



Date: 23.JUN.2020 14:15:27

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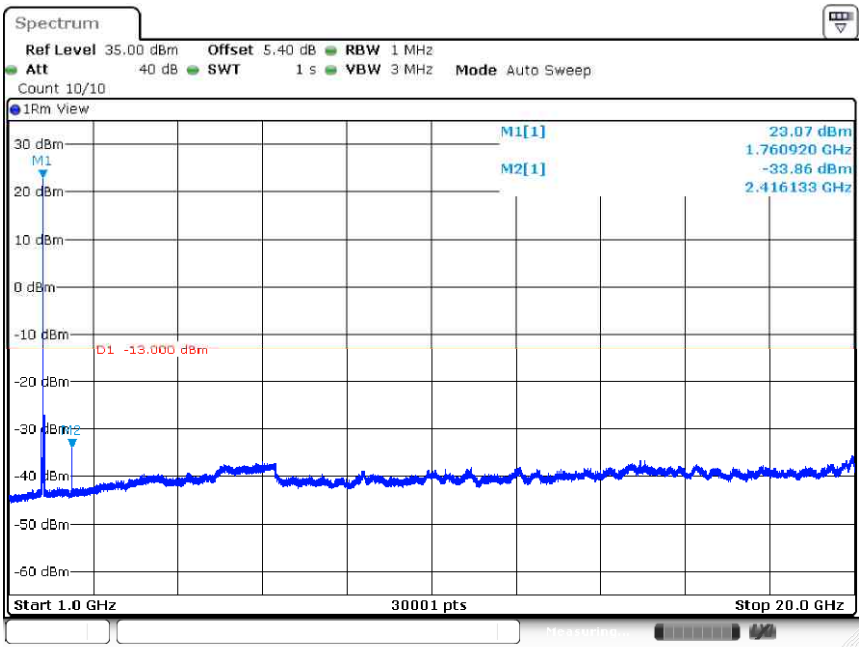
Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~20000MHz



Date: 23.JUN.2020 14:15:43

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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
31.3096	-76.84	-13.00	63.84	Vertical
78.7449	-70.60	-13.00	57.60	Vertical
2589.5179	-37.28	-13.00	24.28	Vertical
5133.0711	-59.73	-13.00	46.73	Vertical
14491.3830	-47.35	-13.00	34.35	Vertical
17995.4999	-39.48	-13.00	26.48	Vertical
35.5778	111.3386	111.3386	111.3386	Horizontal
151.3046	496.2538	496.2538	496.2538	Horizontal
2625.9252	1412.8826	1412.8826	1412.8826	Horizontal
3422.0141	2119.8240	2119.8240	2119.8240	Horizontal
5133.5711	14468.8588	14468.8588	14468.8588	Horizontal
16385.9462	17993.3997	17993.3997	17993.3997	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.4066	-79.97	-13.00	66.97	Vertical
78.6964	-71.14	-13.00	58.14	Vertical
2578.7157	-36.11	-13.00	23.11	Vertical
5208.0736	-59.05	-13.00	46.05	Vertical
14500.3833	-47.06	-13.00	34.06	Vertical
17998.5000	-39.73	-13.00	26.73	Vertical
35.6263	-66.76	-13.00	53.76	Horizontal
150.8680	-86.70	-13.00	73.70	Horizontal
709.0340	-83.82	-13.00	70.82	Horizontal
2703.1406	-36.30	-13.00	23.30	Horizontal
3472.0157	-58.55	-13.00	45.55	Horizontal
16395.9465	-42.97	-13.00	29.97	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.1144	-73.21	-13.00	60.21	Vertical
2697.1394	-37.55	-13.00	24.55	Vertical
3522.0174	-58.40	-13.00	45.40	Vertical
5283.0761	-58.72	-13.00	45.72	Vertical
14718.8906	-47.05	-13.00	34.05	Vertical
17998.5000	-39.60	-13.00	26.60	Vertical
35.6748	-63.90	-13.00	50.90	Horizontal
152.8081	-86.61	-13.00	73.61	Horizontal
2701.5403	-36.34	-13.00	23.34	Horizontal
3522.5174	-58.07	-13.00	45.07	Horizontal
9315.2105	-52.61	-13.00	39.61	Horizontal
16391.4464	-43.39	-13.00	30.39	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	-7.50	-0.004360	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	6.50	0.003779	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	-0.10	-0.000058	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-5.00	-0.002865	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-4.80	-0.002751	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	-12.50	-0.007062	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	-7.40	-0.004181	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-9.00	-0.005085	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VL	NT	1.40	0.000814	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VN	NT	2.20	0.001279	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VH	NT	-9.60	-0.005581	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VL	NT	-8.30	-0.004756	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VN	NT	1.60	0.000917	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VH	NT	2.50	0.001433	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VL	NT	-8.10	-0.004576	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VN	NT	1.90	0.001073	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VH	NT	-9.30	-0.005254	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	3.40	0.001977	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	3.10	0.001802	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	-11.80	-0.006860	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	1.00	0.000573	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	4.70	0.002693	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-12.30	-0.007049	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	-0.30	-0.000169	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	-13.70	-0.007740	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	1.60	0.000930	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-0.80	-0.000465	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	-2.80	-0.001628	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-12.30	-0.007151	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	-7.80	-0.004535	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-7.60	-0.004355	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-5.10	-0.002923	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.90	-0.000516	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-4.30	-0.002464	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-11.00	-0.006304	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	4.60	0.002599	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-11.20	-0.006328	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-13.00	-0.007345	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	-1.10	-0.000621	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-9.70	-0.005480	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-30	-7.70	-0.004477	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-20	-1.90	-0.001105	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	0	-9.40	-0.005465	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	10	0.30	0.000174	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	20	-1.60	-0.000930	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-30	-1.90	-0.001089	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-20	-9.90	-0.005673	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	0	1.60	0.000917	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	10	-2.40	-0.001375	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	20	-4.60	-0.002636	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-30	-1.80	-0.001017	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-20	-1.50	-0.000847	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	0	8.90	0.005028	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	10	-4.50	-0.002542	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	20	-3.60	-0.002034	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	-12.90	-0.007500	±2.5	PASS

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Band66	20MHz	16QAM	132072	100RB#0	NV	-20	-9.40	-0.005465	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	1.40	0.000814	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	-7.50	-0.004360	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	-4.50	-0.002616	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	-9.10	-0.005215	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-3.80	-0.002178	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-0.10	-0.000057	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	2.20	0.001261	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-4.30	-0.002464	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-30	-8.20	-0.004633	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	2.40	0.001356	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	-6.80	-0.003842	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	4.00	0.002260	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	-5.80	-0.003277	±2.5	PASS

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