



# Appendix B

## E-UTRA Band 4



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**CONTENT**

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

1.1. TEST RESULT.....4

**2. PEAK-TO-AVERAGE RATIO (CCDF).....20**

2.1. TEST RESULT.....20

2.2. TEST PLOTS.....21

**3. MODULATION CHARACTERISTICS.....27**

3.1. TEST MODE = LTE /TM1 20MHZ.....27

3.1.1. TEST CHANNEL = MCH.....27

3.2. TEST MODE = LTE /TM2 20MHZ.....28

3.2.1. TEST CHANNEL = MCH.....28

3.3. TEST MODE = LTE /TM3 20MHZ.....29

3.3.1. TEST CHANNEL = MCH.....29

3.4. TEST MODE = LTE /TM4 20MHZ.....30

3.4.1. TEST CHANNEL = MCH.....30

**4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....31**

4.1. TEST RESULT.....31

4.2. TEST PLOTS.....34

**5. BAND EDGE COMPLIANCE.....70**

5.1. TEST PLOTS.....70

**6. SPURIOUS EMISSION AT ANTENNA TERMINAL.....83**

6.1. TEST PLOTS.....83

**7. FIELD STRENGTH OF SPURIOUS RADIATION.....87**

7.1. TEST BAND = BAND 4.....87

7.1.1. Test Channel = Low Channel.....87

7.2. TEST BAND = BAND 4.....88

7.2.1. Test Channel = Low Channel.....88

7.3. TEST BAND = BAND 4.....89

7.3.1. Test Channel = Mid Channel.....89

7.4. TEST BAND = BAND 4.....90



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7.4.1.	Test Channel = Mid Channel.....	90
7.5.	TEST BAND = BAND 4.....	91
7.5.1.	Test Channel = High Channel.....	91
7.6.	TEST BAND = BAND 4.....	92
7.6.1.	Test Channel = High Channel.....	92
<b>8.</b>	<b>FREQUENCY STABILITY.....</b>	<b>93</b>
8.1.	FREQUENCY VS VOLTAGE.....	93
8.2.	FREQUENCY VS TEMPERATURE.....	94



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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
Band4	1.4MHz	QPSK	19957	1RB#2	23.33	26.19	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.31	26.17	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	23.32	26.18	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.34	26.2	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.34	26.2	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.33	26.19	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.36	25.22	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.32	26.18	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.34	26.2	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.32	26.18	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.34	26.2	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.36	26.22	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.33	26.19	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.31	25.17	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.31	26.17	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.27	26.13	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.27	26.13	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.32	26.18	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.31	26.17	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.32	26.18	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.29	25.15	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.68	24.54	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.66	24.52	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.67	24.53	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21.58	24.44	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	21.56	24.42	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.59	24.45	30.00	PASS



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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band4	1.4MHz	64QAM	19957	6RB#0	20.47	23.33	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.60	24.46	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.65	24.51	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.60	24.46	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.53	24.39	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.52	24.38	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	21.54	24.4	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.43	23.29	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.56	24.42	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.60	24.46	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.49	24.35	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.48	24.34	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.48	24.34	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	21.50	24.36	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.42	23.28	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	18.89	21.75	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	18.86	21.72	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	18.85	21.71	30.00	PASS
Band4	1.4MHz	256QAM	19957	3RB#3	18.76	21.62	30.00	PASS
Band4	1.4MHz	256QAM	19957	3RB#0	18.74	21.6	30.00	PASS
Band4	1.4MHz	256QAM	19957	3RB#1	18.75	21.61	30.00	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	18.71	21.57	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	18.77	21.63	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	18.84	21.7	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	18.82	21.68	30.00	PASS
Band4	1.4MHz	256QAM	20175	3RB#3	18.71	21.57	30.00	PASS
Band4	1.4MHz	256QAM	20175	3RB#0	18.72	21.58	30.00	PASS
Band4	1.4MHz	256QAM	20175	3RB#1	18.74	21.6	30.00	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	18.65	21.51	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	18.78	21.64	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	18.79	21.65	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	18.76	21.62	30.00	PASS
Band4	1.4MHz	256QAM	20393	3RB#0	18.59	21.45	30.00	PASS



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Band4	1.4MHz	256QAM	20393	3RB#3	18.61	21.47	30.00	PASS
Band4	1.4MHz	256QAM	20393	3RB#1	18.60	21.46	30.00	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	18.50	21.36	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.56	25.42	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.63	25.49	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.57	25.43	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.42	25.28	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.41	25.27	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.49	25.35	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.55	24.41	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.49	25.35	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.53	25.39	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.62	25.48	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.40	25.26	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.36	25.22	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.40	25.26	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.52	24.38	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.46	25.32	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.42	25.28	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.47	25.33	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.38	25.24	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.33	25.19	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.40	25.26	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.46	24.32	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.40	26.26	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.34	26.2	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.40	26.26	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.35	25.21	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.35	25.21	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.36	25.22	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.36	25.22	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.32	26.18	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.34	26.2	30.00	PASS



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Band4	3MHz	QPSK	20175	1RB#14	23.32	26.18	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.31	25.17	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.33	25.19	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.32	25.18	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.34	25.2	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.29	26.15	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.27	26.13	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.29	26.15	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.31	25.17	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.28	25.14	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.28	25.14	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.27	25.13	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.71	24.57	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.55	24.41	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.71	24.57	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.48	23.34	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.47	23.33	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.43	23.29	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.48	23.34	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.59	24.45	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.57	24.43	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.58	24.44	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.44	23.3	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.40	23.26	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.45	23.31	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.45	23.31	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.51	24.37	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.56	24.42	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.50	24.36	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.42	23.28	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.38	23.24	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.40	23.26	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.41	23.27	30.00	PASS



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Band4	3MHz	256QAM	19965	1RB#8	18.92	21.78	30.00	PASS
Band4	3MHz	256QAM	19965	1RB#0	18.87	21.73	30.00	PASS
Band4	3MHz	256QAM	19965	8RB#0	18.74	21.6	30.00	PASS
Band4	3MHz	256QAM	19965	8RB#4	18.74	21.6	30.00	PASS
Band4	3MHz	256QAM	19965	8RB#7	18.78	21.64	30.00	PASS
Band4	3MHz	256QAM	19965	15RB#0	18.70	21.56	30.00	PASS
Band4	3MHz	256QAM	20175	1RB#8	18.83	21.69	30.00	PASS
Band4	3MHz	256QAM	20175	1RB#0	18.85	21.71	30.00	PASS
Band4	3MHz	256QAM	20175	1RB#14	18.75	21.61	30.00	PASS
Band4	3MHz	256QAM	20175	8RB#0	18.64	21.5	30.00	PASS
Band4	3MHz	256QAM	20175	8RB#7	18.63	21.49	30.00	PASS
Band4	3MHz	256QAM	20175	8RB#4	18.64	21.5	30.00	PASS
Band4	3MHz	256QAM	20175	15RB#0	18.67	21.53	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#14	18.66	21.52	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#8	18.75	21.61	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#0	18.60	21.46	30.00	PASS
Band4	3MHz	256QAM	20385	8RB#4	18.51	21.37	30.00	PASS
Band4	3MHz	256QAM	20385	8RB#7	18.51	21.37	30.00	PASS
Band4	3MHz	256QAM	20385	8RB#0	18.52	21.38	30.00	PASS
Band4	3MHz	256QAM	20385	15RB#0	18.52	21.38	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.51	25.37	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.73	25.59	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.66	25.52	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.57	24.43	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.54	24.4	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.54	24.4	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.48	24.34	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.65	25.51	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.63	25.49	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.50	25.36	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.54	24.4	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.51	24.37	30.00	PASS



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Band4	3MHz	16QAM	20175	8RB#0	21.54	24.4	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.49	24.35	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.39	25.25	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.45	25.31	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.48	25.34	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.48	24.34	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.45	24.31	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.47	24.33	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.46	24.32	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.50	26.36	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.41	26.27	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.37	26.23	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.33	25.19	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.38	25.24	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.40	25.26	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.39	25.25	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.36	26.22	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.44	26.3	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.30	26.16	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.36	25.22	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.33	25.19	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.37	25.23	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.38	25.24	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.31	26.17	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.35	26.21	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.36	26.22	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.28	25.14	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.33	25.19	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.29	25.15	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.35	25.21	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.61	24.47	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.73	24.59	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.56	24.42	30.00	PASS



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Band4	5MHz	64QAM	19975	12RB#6	20.41	23.27	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.43	23.29	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.47	23.33	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.52	23.38	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.50	24.36	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.55	24.41	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.57	24.43	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.49	23.35	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.43	23.29	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.46	23.32	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.47	23.33	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.50	24.36	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.53	24.39	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.53	24.39	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.35	23.21	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.42	23.28	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.36	23.22	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.43	23.29	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#24	18.88	21.74	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#12	18.95	21.81	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#0	18.91	21.77	30.00	PASS
Band4	5MHz	256QAM	19975	12RB#13	18.75	21.61	30.00	PASS
Band4	5MHz	256QAM	19975	12RB#6	18.72	21.58	30.00	PASS
Band4	5MHz	256QAM	19975	12RB#0	18.74	21.6	30.00	PASS
Band4	5MHz	256QAM	19975	25RB#0	18.74	21.6	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#24	18.81	21.67	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#12	18.85	21.71	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#0	18.88	21.74	30.00	PASS
Band4	5MHz	256QAM	20175	12RB#0	18.74	21.6	30.00	PASS
Band4	5MHz	256QAM	20175	12RB#6	18.67	21.53	30.00	PASS
Band4	5MHz	256QAM	20175	12RB#13	18.67	21.53	30.00	PASS
Band4	5MHz	256QAM	20175	25RB#0	18.70	21.56	30.00	PASS
Band4	5MHz	256QAM	20375	1RB#12	18.72	21.58	30.00	PASS



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Band4	5MHz	256QAM	20375	1RB#24	18.78	21.64	30.00	PASS
Band4	5MHz	256QAM	20375	1RB#0	18.81	21.67	30.00	PASS
Band4	5MHz	256QAM	20375	12RB#6	18.55	21.41	30.00	PASS
Band4	5MHz	256QAM	20375	12RB#13	18.52	21.38	30.00	PASS
Band4	5MHz	256QAM	20375	12RB#0	18.57	21.43	30.00	PASS
Band4	5MHz	256QAM	20375	25RB#0	18.55	21.41	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.70	25.56	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.47	25.33	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.61	25.47	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.52	24.38	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.51	24.37	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.53	24.39	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.54	24.4	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.54	25.4	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.77	25.63	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.66	25.52	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.52	24.38	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.51	24.37	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.49	24.35	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.50	24.36	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.56	25.42	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.54	25.4	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.59	25.45	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.44	24.3	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.40	24.26	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.44	24.3	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.43	24.29	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.39	26.25	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.36	26.22	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.46	26.32	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.39	25.25	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.31	25.17	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.32	25.18	30.00	PASS



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Band4	10MHz	QPSK	20000	50RB#0	22.36	25.22	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.31	26.17	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.40	26.26	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.35	26.21	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.38	25.24	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.38	25.24	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.35	25.21	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.36	25.22	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.31	26.17	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.37	26.23	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.30	26.16	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.27	25.13	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.25	25.11	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.38	25.24	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.29	25.15	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.62	24.48	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.63	24.49	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.59	24.45	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	20.43	23.29	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.40	23.26	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.44	23.3	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.48	23.34	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.55	24.41	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.55	24.41	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.59	24.45	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.45	23.31	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	20.49	23.35	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.44	23.3	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.49	23.35	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.54	24.4	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.58	24.44	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.53	24.39	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.43	23.29	30.00	PASS



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Band4	10MHz	64QAM	20350	25RB#12	20.44	23.3	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.38	23.24	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.37	23.23	30.00	PASS
Band4	10MHz	256QAM	20000	1RB#24	18.86	21.72	30.00	PASS
Band4	10MHz	256QAM	20000	1RB#49	18.80	21.66	30.00	PASS
Band4	10MHz	256QAM	20000	1RB#0	18.87	21.73	30.00	PASS
Band4	10MHz	256QAM	20000	25RB#0	18.66	21.52	30.00	PASS
Band4	10MHz	256QAM	20000	25RB#12	18.70	21.56	30.00	PASS
Band4	10MHz	256QAM	20000	25RB#25	18.68	21.54	30.00	PASS
Band4	10MHz	256QAM	20000	50RB#0	18.69	21.55	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#0	18.85	21.71	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#24	18.84	21.7	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#49	18.83	21.69	30.00	PASS
Band4	10MHz	256QAM	20175	25RB#0	18.74	21.6	30.00	PASS
Band4	10MHz	256QAM	20175	25RB#12	18.70	21.56	30.00	PASS
Band4	10MHz	256QAM	20175	25RB#25	18.64	21.5	30.00	PASS
Band4	10MHz	256QAM	20175	50RB#0	18.69	21.55	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#0	18.71	21.57	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#24	18.71	21.57	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#49	18.77	21.63	30.00	PASS
Band4	10MHz	256QAM	20350	25RB#12	18.61	21.47	30.00	PASS
Band4	10MHz	256QAM	20350	25RB#0	18.53	21.39	30.00	PASS
Band4	10MHz	256QAM	20350	25RB#25	18.61	21.47	30.00	PASS
Band4	10MHz	256QAM	20350	50RB#0	18.56	21.42	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.61	25.47	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.63	25.49	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.50	25.36	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.48	24.34	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.48	24.34	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.46	24.32	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.48	24.34	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.56	25.42	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.61	25.47	30.00	PASS



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Band4	10MHz	16QAM	20175	1RB#49	22.56	25.42	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.52	24.38	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.47	24.33	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.52	24.38	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.52	24.38	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.55	25.41	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.49	25.35	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.59	25.45	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.47	24.33	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.39	24.25	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.48	24.34	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.45	24.31	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.31	26.17	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.36	26.22	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.38	26.24	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	22.25	25.11	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.34	25.2	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	22.31	25.17	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.37	25.23	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.32	26.18	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.30	26.16	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.41	26.27	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	22.33	25.19	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.30	25.16	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.32	25.18	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.37	25.23	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.35	26.21	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.23	26.09	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.29	26.15	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.20	25.06	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.33	25.19	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.32	25.18	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.27	25.13	30.00	PASS



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Band4	15MHz	64QAM	20025	1RB#0	21.53	24.39	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.62	24.48	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.66	24.52	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	20.42	23.28	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	20.36	23.22	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	20.46	23.32	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.39	23.25	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.60	24.46	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.53	24.39	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.59	24.45	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	20.45	23.31	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.46	23.32	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	20.47	23.33	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.44	23.3	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.55	24.41	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.48	24.34	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.49	24.35	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	20.43	23.29	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	20.46	23.32	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	20.34	23.2	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.41	23.27	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#74	18.69	21.55	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#38	18.80	21.66	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#0	18.90	21.76	30.00	PASS
Band4	15MHz	256QAM	20025	36RB#0	18.61	21.47	30.00	PASS
Band4	15MHz	256QAM	20025	36RB#18	18.62	21.48	30.00	PASS
Band4	15MHz	256QAM	20025	36RB#39	18.64	21.5	30.00	PASS
Band4	15MHz	256QAM	20025	75RB#0	18.66	21.52	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#38	18.82	21.68	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#0	18.71	21.57	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#74	18.75	21.61	30.00	PASS
Band4	15MHz	256QAM	20175	36RB#0	18.70	21.56	30.00	PASS
Band4	15MHz	256QAM	20175	36RB#39	18.69	21.55	30.00	PASS



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Band4	15MHz	256QAM	20175	36RB#18	18.67	21.53	30.00	PASS
Band4	15MHz	256QAM	20175	75RB#0	18.63	21.49	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#38	18.68	21.54	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#74	18.71	21.57	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#0	18.75	21.61	30.00	PASS
Band4	15MHz	256QAM	20325	36RB#39	18.59	21.45	30.00	PASS
Band4	15MHz	256QAM	20325	36RB#18	18.59	21.45	30.00	PASS
Band4	15MHz	256QAM	20325	36RB#0	18.61	21.47	30.00	PASS
Band4	15MHz	256QAM	20325	75RB#0	18.59	21.45	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.50	25.36	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.66	25.52	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.57	25.43	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.45	24.31	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	21.48	24.34	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.39	24.25	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.48	24.34	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.64	25.5	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.58	25.44	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.56	25.42	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	21.51	24.37	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.46	24.32	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.48	24.34	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.54	24.4	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.39	25.25	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.49	25.35	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.64	25.5	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.35	24.21	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	21.44	24.3	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.50	24.36	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.38	24.24	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.30	26.16	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.41	26.27	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.26	26.12	30.00	PASS



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Band4	20MHz	QPSK	20050	50RB#0	22.31	25.17	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.40	25.26	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.28	25.14	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.29	25.15	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.41	26.27	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.27	26.13	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.34	26.2	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.42	25.28	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.38	25.24	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.44	25.3	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.45	25.31	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.27	26.13	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.37	26.23	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.22	26.08	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.25	25.11	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.38	25.24	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.45	25.31	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.37	25.23	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.52	24.38	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.62	24.48	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.58	24.44	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.39	23.25	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.51	23.37	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.36	23.22	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.42	23.28	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.53	24.39	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.63	24.49	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.60	24.46	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.51	23.37	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.51	23.37	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.47	23.33	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.45	23.31	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.63	24.49	30.00	PASS



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Band4	20MHz	64QAM	20300	1RB#99	21.48	24.34	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.53	24.39	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.41	23.27	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.31	23.17	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.49	23.35	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.44	23.3	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#0	18.90	21.76	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#99	18.87	21.73	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#49	18.87	21.73	30.00	PASS
Band4	20MHz	256QAM	20050	50RB#50	18.59	21.45	30.00	PASS
Band4	20MHz	256QAM	20050	50RB#25	18.65	21.51	30.00	PASS
Band4	20MHz	256QAM	20050	50RB#0	18.57	21.43	30.00	PASS
Band4	20MHz	256QAM	20050	100RB#0	18.62	21.48	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#0	18.69	21.55	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#49	18.82	21.68	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#99	18.78	21.64	30.00	PASS
Band4	20MHz	256QAM	20175	50RB#0	18.72	21.58	30.00	PASS
Band4	20MHz	256QAM	20175	50RB#25	18.70	21.56	30.00	PASS
Band4	20MHz	256QAM	20175	50RB#50	18.72	21.58	30.00	PASS
Band4	20MHz	256QAM	20175	100RB#0	18.70	21.56	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#49	18.81	21.67	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#99	18.72	21.58	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#0	18.74	21.6	30.00	PASS
Band4	20MHz	256QAM	20300	50RB#0	18.60	21.46	30.00	PASS
Band4	20MHz	256QAM	20300	50RB#50	18.65	21.51	30.00	PASS
Band4	20MHz	256QAM	20300	50RB#25	18.59	21.45	30.00	PASS
Band4	20MHz	256QAM	20300	100RB#0	18.63	21.49	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.57	25.43	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.41	25.27	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.54	25.4	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.54	24.4	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.43	24.29	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.39	24.25	30.00	PASS



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Band4	20MHz	16QAM	20050	100RB#0	21.44	24.3	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.43	25.29	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.60	25.46	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.53	25.39	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.55	24.41	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.55	24.41	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.50	24.36	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.53	24.39	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.54	25.4	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.65	25.51	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.39	25.25	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.48	24.34	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.36	24.22	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.50	24.36	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.42	24.28	30.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator



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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
Band4	20MHz	QPSK	20050	100RB#0	5.39	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.59	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.54	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.55	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.72	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.67	13	PASS
Band4	20MHz	256QAM	20050	100RB#0	6.64	13	PASS
Band4	20MHz	256QAM	20175	100RB#0	6.75	13	PASS
Band4	20MHz	256QAM	20300	100RB#0	6.70	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.49	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.64	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.61	13	PASS



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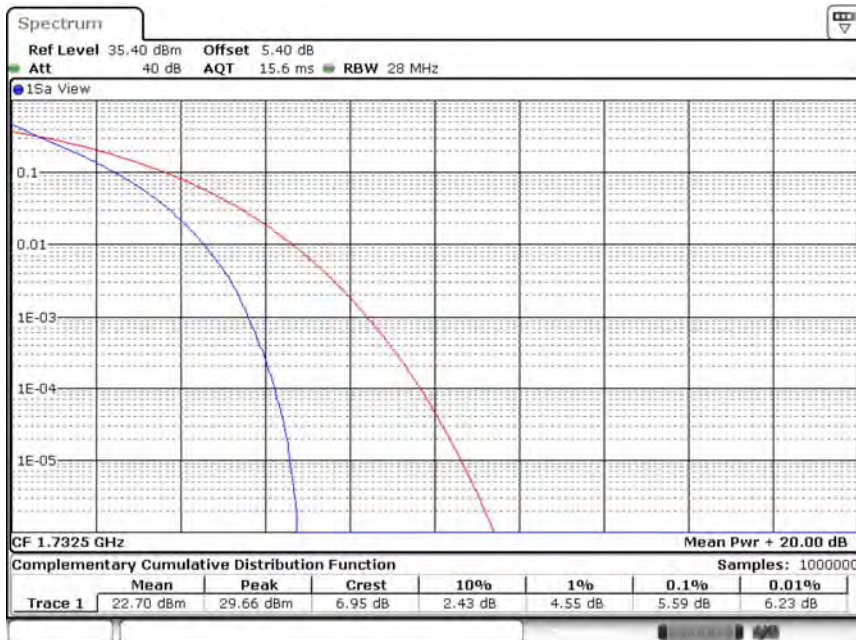
## 2.2. Test Plots

Band4-20MHz-QPSK-20050-100RB#0



Date: 5.MAY.2021 04:44:04

Band4-20MHz-QPSK-20175-100RB#0

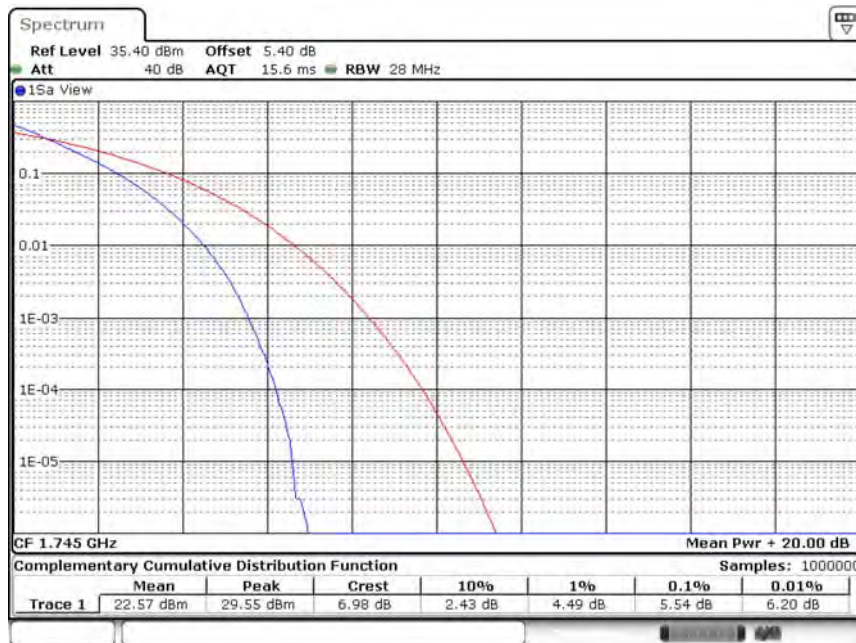


Date: 5.MAY.2021 04:44:27



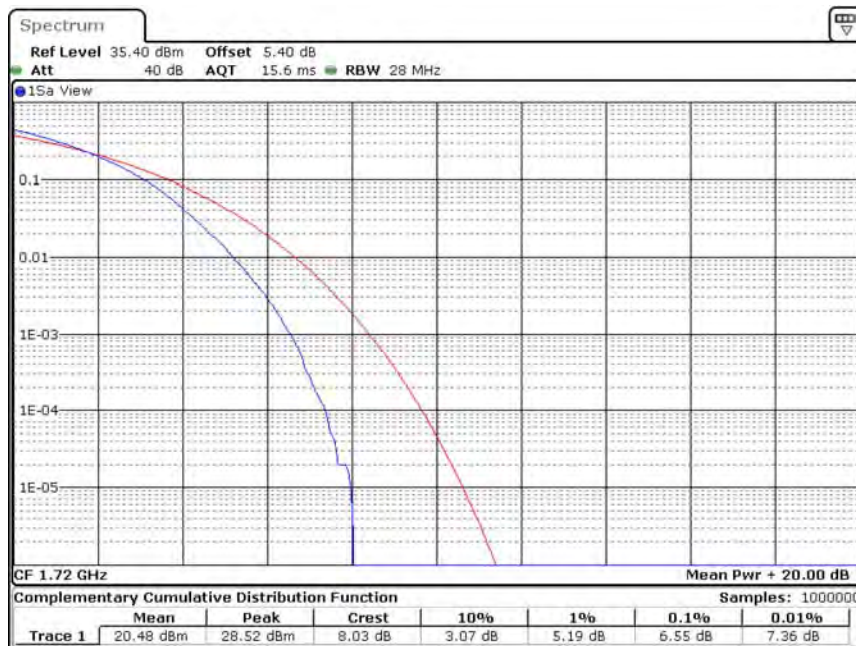
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**Band4-20MHz-QPSK-20300-100RB#0**



Date: 5.MAY.2021 04:44:50

**Band4-20MHz-64QAM-20050-100RB#0**



Date: 16 MAY 2021 10:17:40



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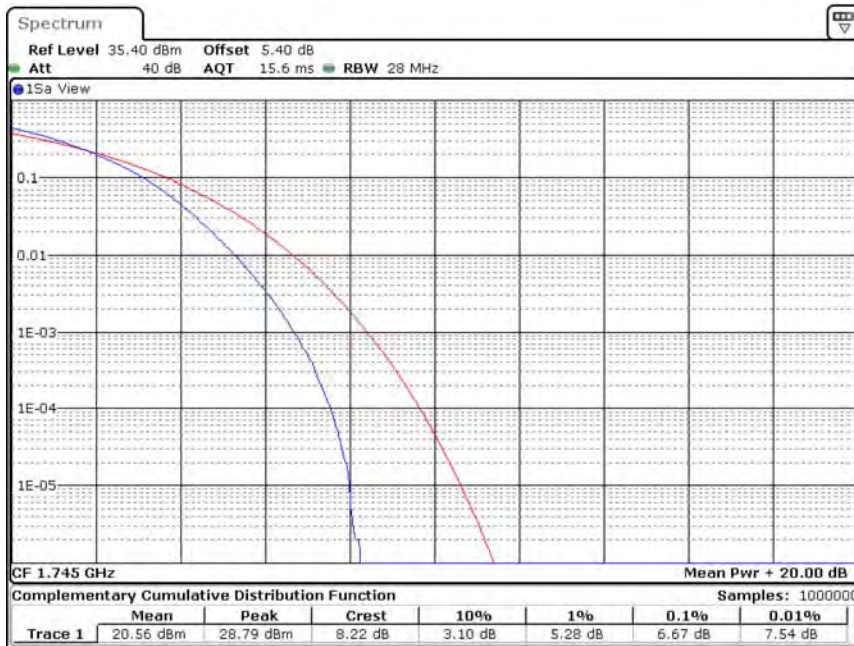
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**Band4-20MHz-64QAM-20175-100RB#0**



Date: 16 MAY 2021 10:17:52

**Band4-20MHz-64QAM-20300-100RB#0**



Date: 16 MAY 2021 10:18:03



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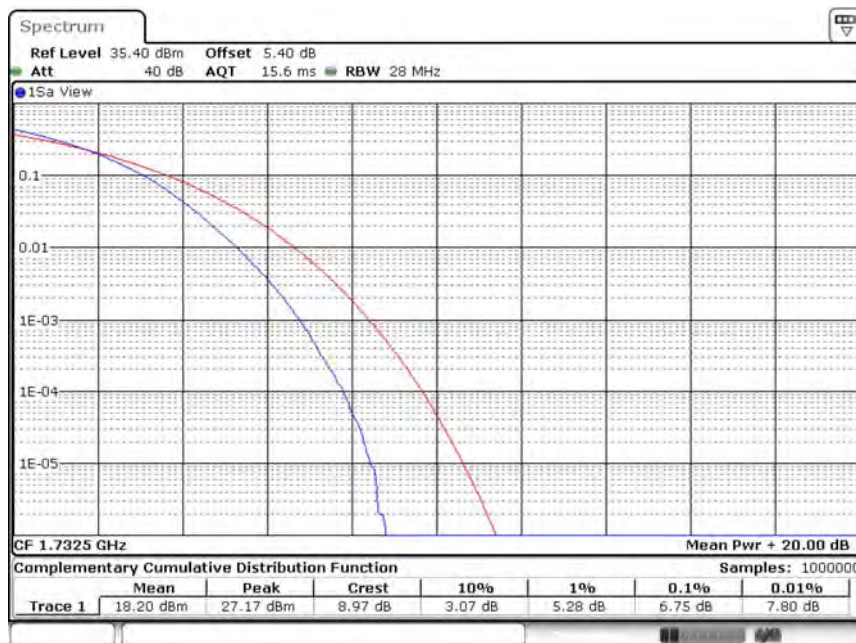
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**Band4-20MHz-256QAM-20050-100RB#0**



Date: 7.MAY.2021 03:16:51

**Band4-20MHz-256QAM-20175-100RB#0**



Date: 7.MAY.2021 03:17:03



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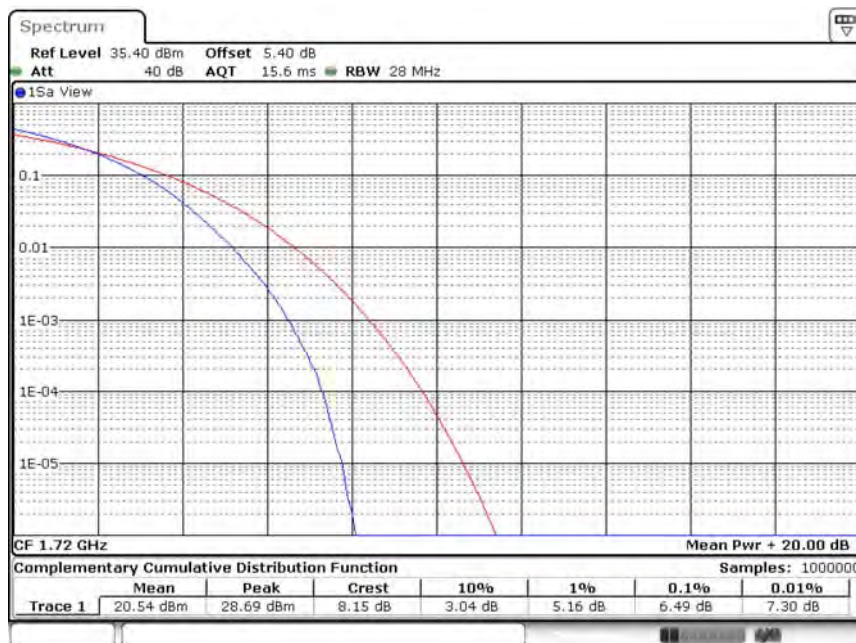


**Band4-20MHz-256QAM-20300-100RB#0**



Date: 7.MAY.2021 03:17:14

**Band4-20MHz-16QAM-20050-100RB#0**



Date: 5.MAY.2021 04:44:16



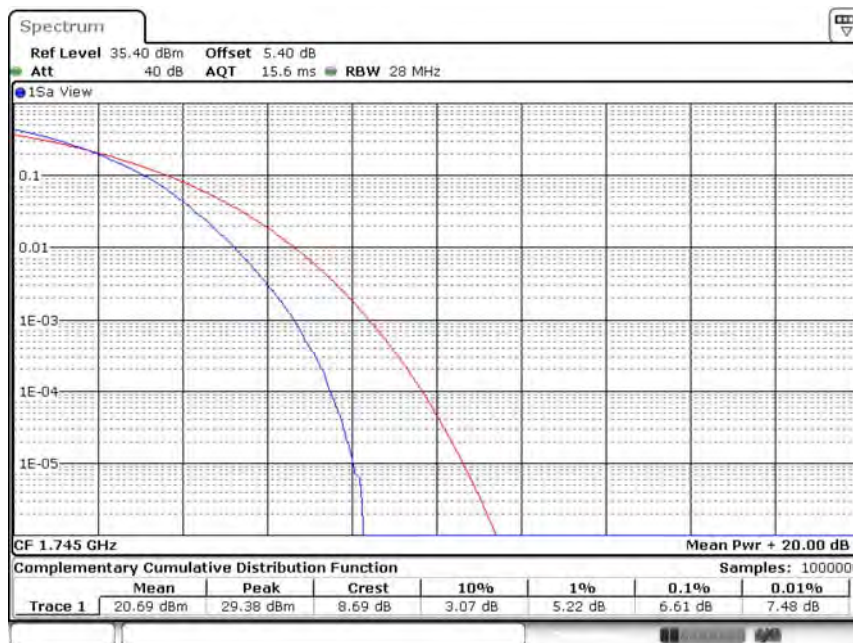
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**Band4-20MHz-16QAM-20175-100RB#0**



Date: 5.MAY.2021 04:44:38

**Band4-20MHz-16QAM-20300-100RB#0**



Date: 5.MAY.2021 04:45:01

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



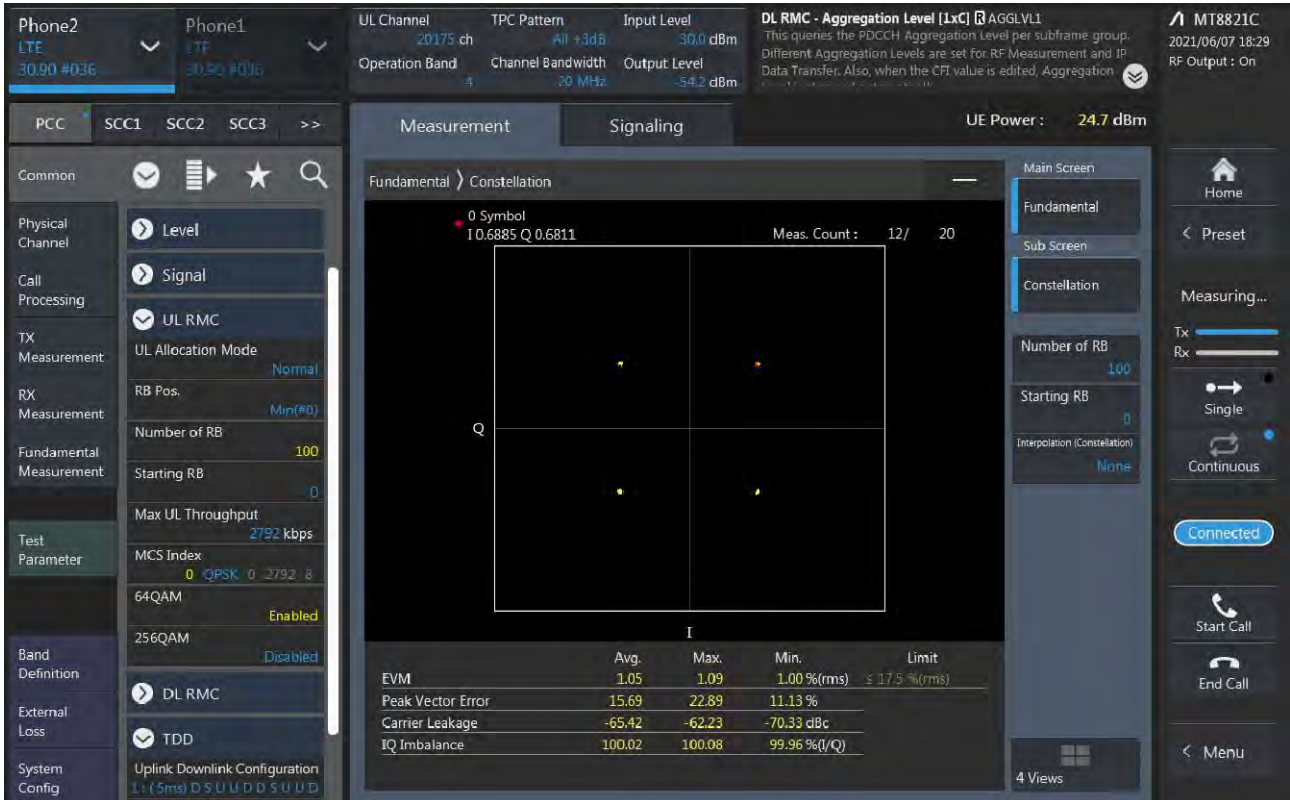
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1. Test Channel = MCH



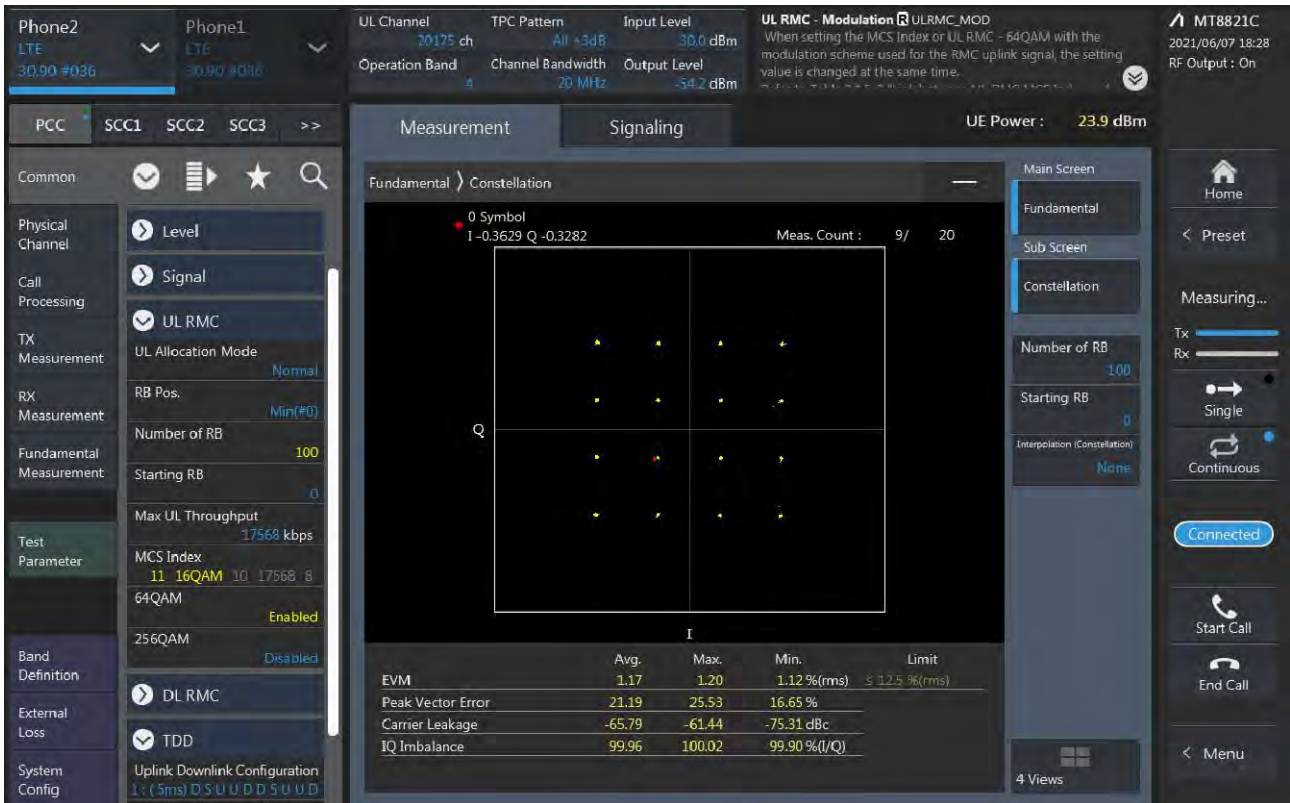
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### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1. Test Channel = MCH

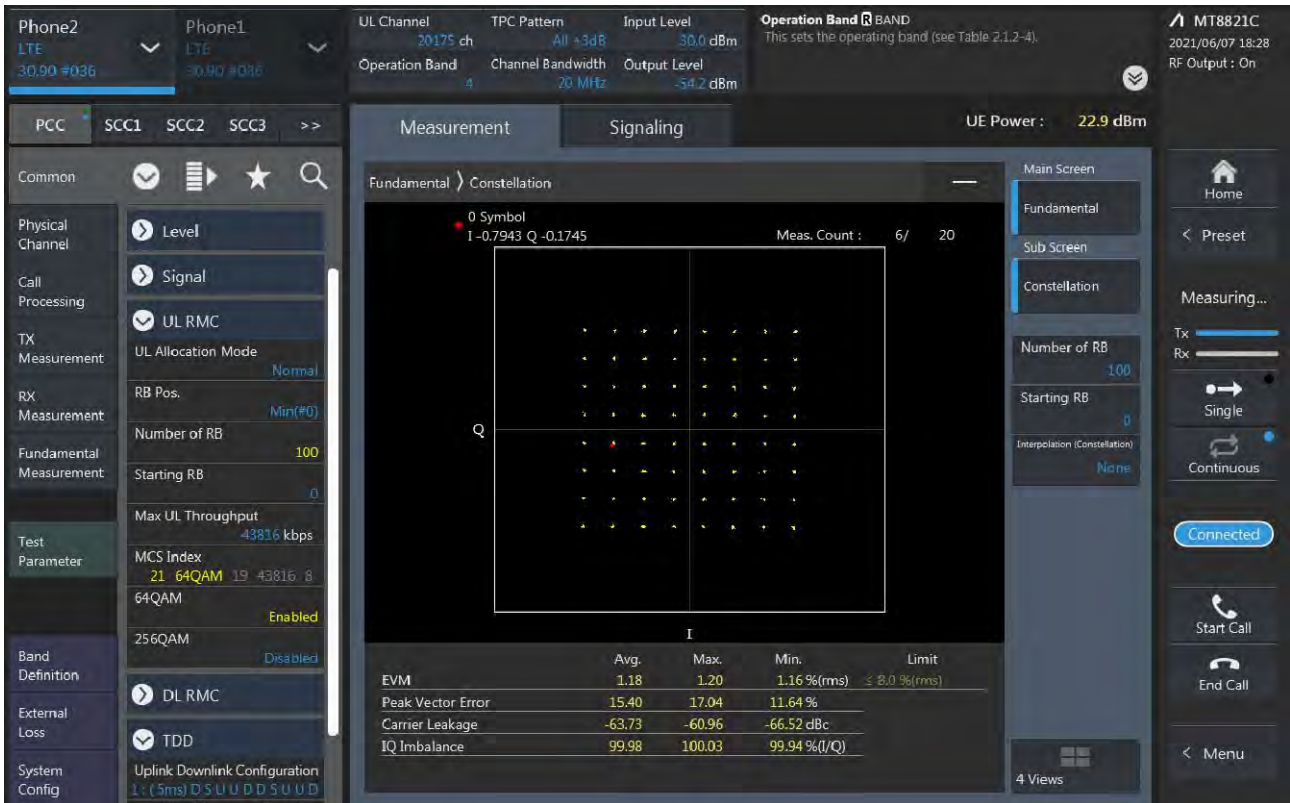


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### 3.3. Test Mode = LTE /TM3 20MHz

#### 3.3.1. Test Channel = MCH



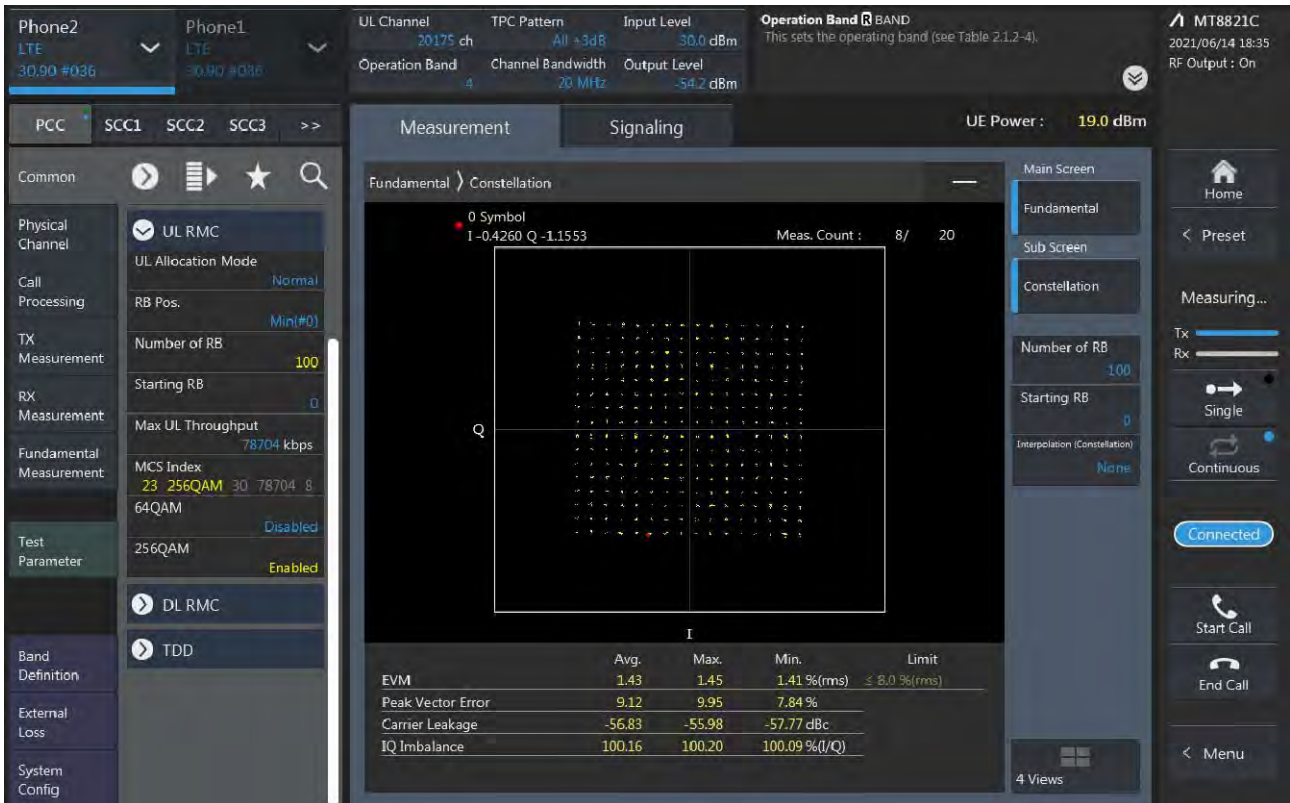
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### 3.4. Test Mode = LTE /TM4 20MHz

#### 3.4.1. 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
Band4	1.4MHz	QPSK	19957	6RB#0	1.091	1.287	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.281	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.290	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.094	1.284	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.094	1.260	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.287	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	1.094	1.296	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	1.091	1.284	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	1.091	1.302	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.290	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.088	1.290	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.296	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.691	2.946	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	2.958	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	2.946	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.685	2.940	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.685	2.934	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.685	2.928	PASS
Band4	3MHz	256QAM	19965	15RB#0	2.685	2.946	PASS
Band4	3MHz	256QAM	20175	15RB#0	2.685	2.952	PASS
Band4	3MHz	256QAM	20385	15RB#0	2.685	2.946	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.679	2.928	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.679	2.928	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.679	2.922	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.880	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.880	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.466	4.880	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.466	4.860	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.850	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.466	4.830	PASS
Band4	5MHz	256QAM	19975	25RB#0	4.476	4.890	PASS



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Band4	5MHz	256QAM	20175	25RB#0	4.476	4.890	PASS
Band4	5MHz	256QAM	20375	25RB#0	4.476	4.870	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.900	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.476	4.890	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.890	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.620	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.640	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.660	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.931	9.620	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.931	9.600	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.931	9.580	PASS
Band4	10MHz	256QAM	20000	50RB#0	8.931	9.620	PASS
Band4	10MHz	256QAM	20175	50RB#0	8.951	9.720	PASS
Band4	10MHz	256QAM	20350	50RB#0	8.931	9.620	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.931	9.700	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.951	9.680	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.680	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.457	14.640	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	14.730	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.670	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.397	14.850	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.820	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.850	PASS
Band4	15MHz	256QAM	20025	75RB#0	13.427	14.670	PASS
Band4	15MHz	256QAM	20175	75RB#0	13.516	14.760	PASS
Band4	15MHz	256QAM	20325	75RB#0	13.457	14.730	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.427	14.550	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.487	14.730	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.457	14.730	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.862	19.320	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.902	19.400	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.902	19.320	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.320	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.902	19.320	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.902	19.280	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.822	19.200	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.942	19.760	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.862	19.680	PASS



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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com





Band4	20MHz	16QAM	20050	100RB#0	17.862	19.360	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.942	19.400	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	19.400	PASS

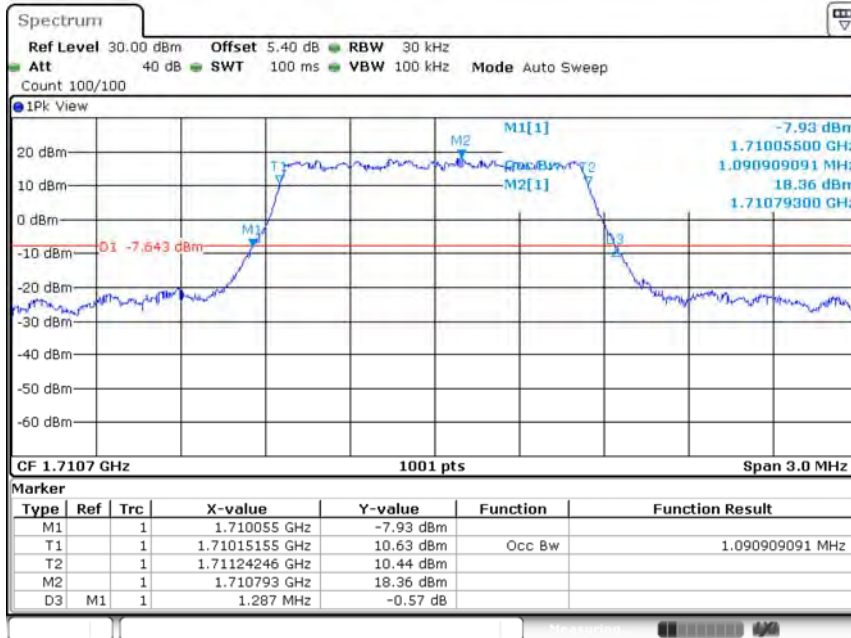


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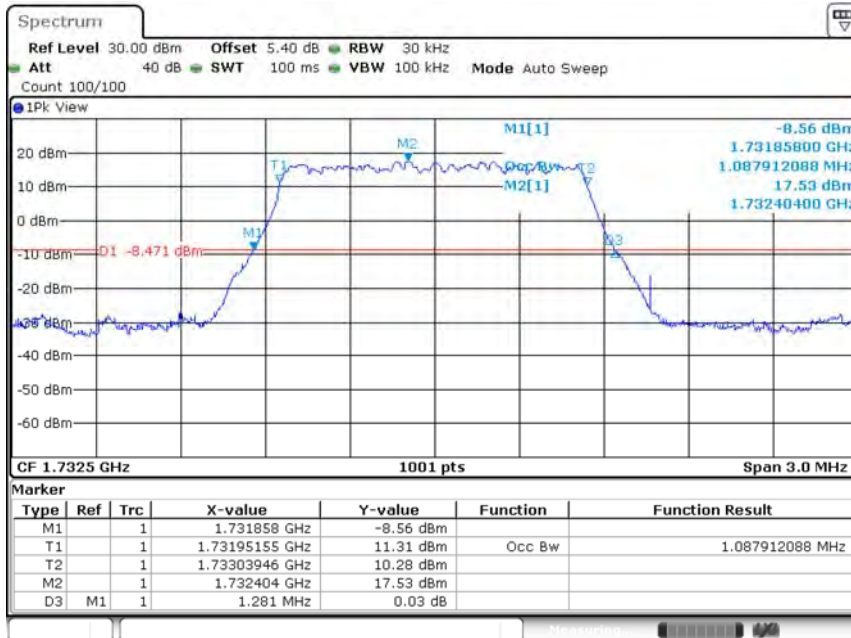
### 4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.091



Date: 12.MAY.2021 00:15:51

Band4-1.4MHz-QPSK-20175-6RB#0-1.088

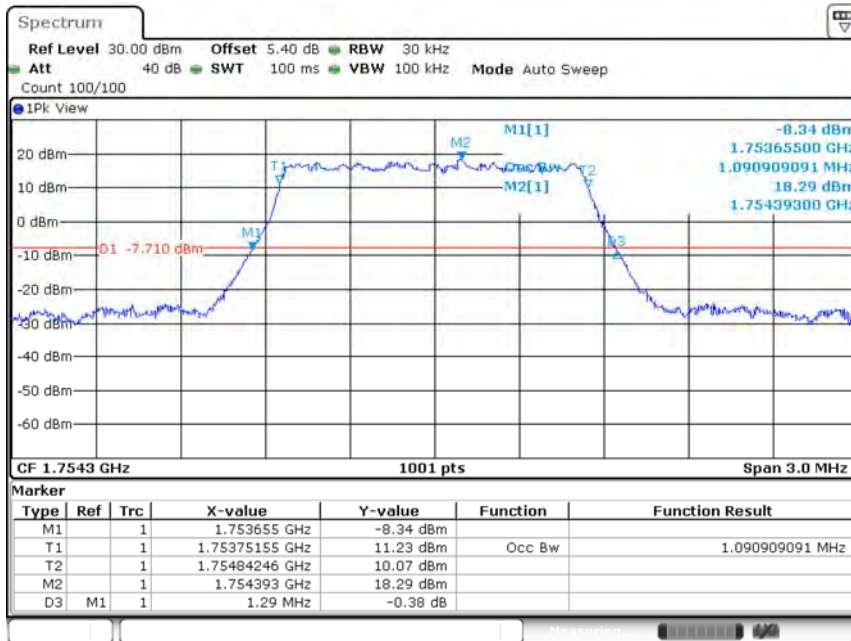


Date: 12.MAY.2021 00:16:31



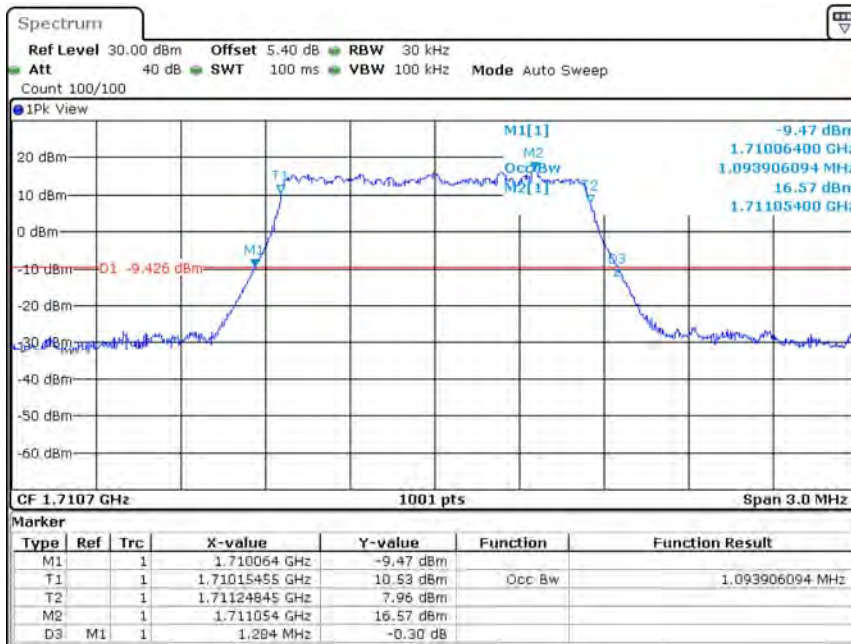
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**Band4-1.4MHz-QPSK-20393-6RB#0-1.091**



Date: 12.MAY.2021 00:17:11

**Band4-1.4MHz-64QAM-19957-6RB#0-1.094**

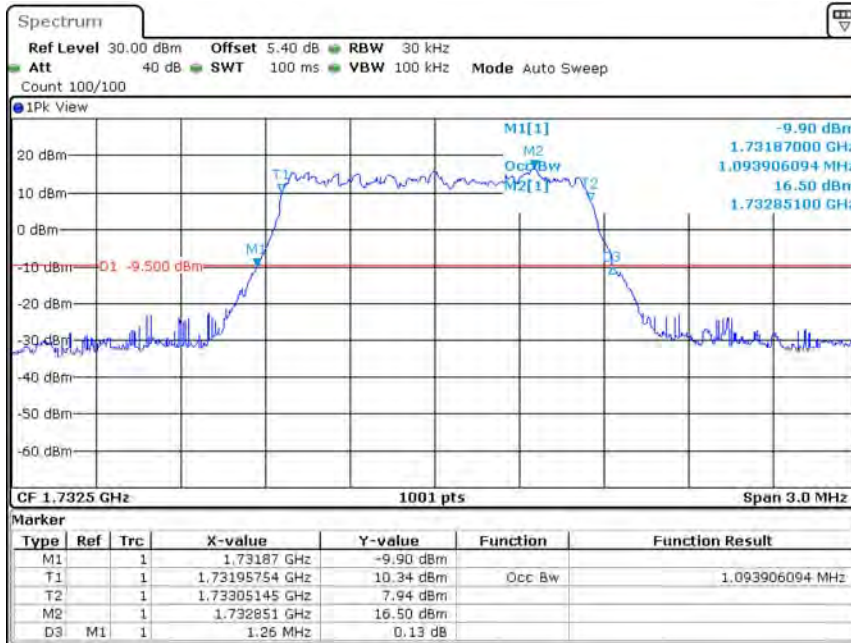


Date: 16 MAY 2021 09:59:53



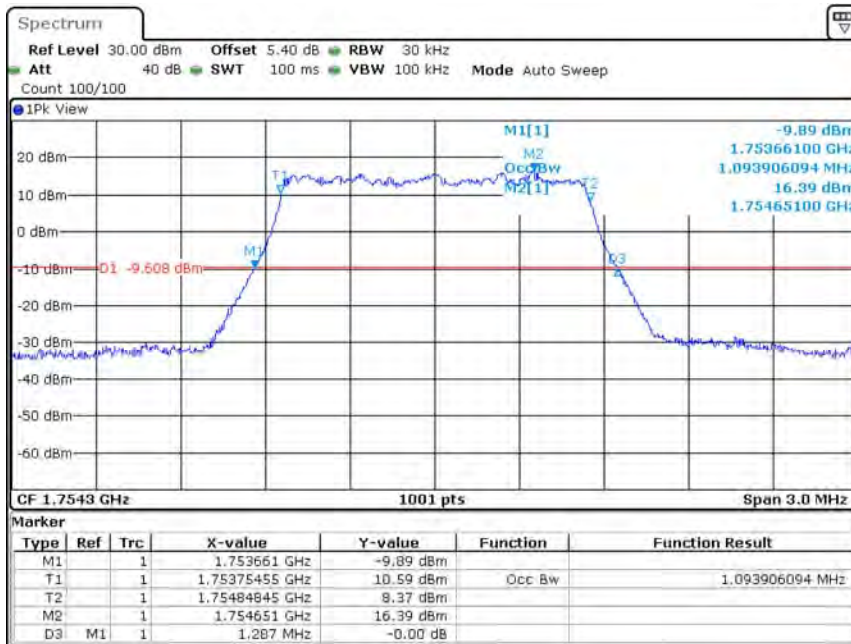
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**Band4-1.4MHz-64QAM-20175-6RB#0-1.094**



Date: 16 MAY 2021 10:00:13

**Band4-1.4MHz-64QAM-20393-6RB#0-1.094**

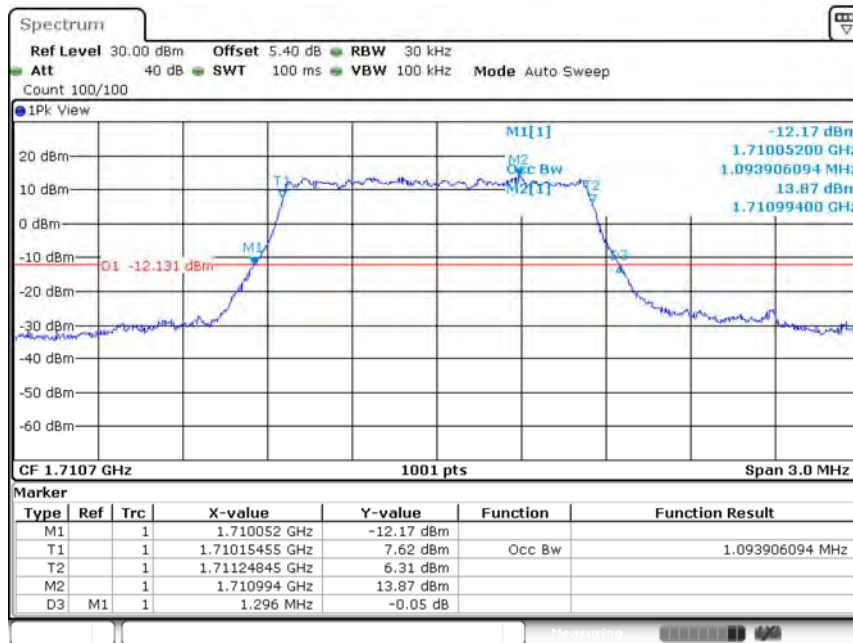


Date: 16 MAY 2021 10:00:33



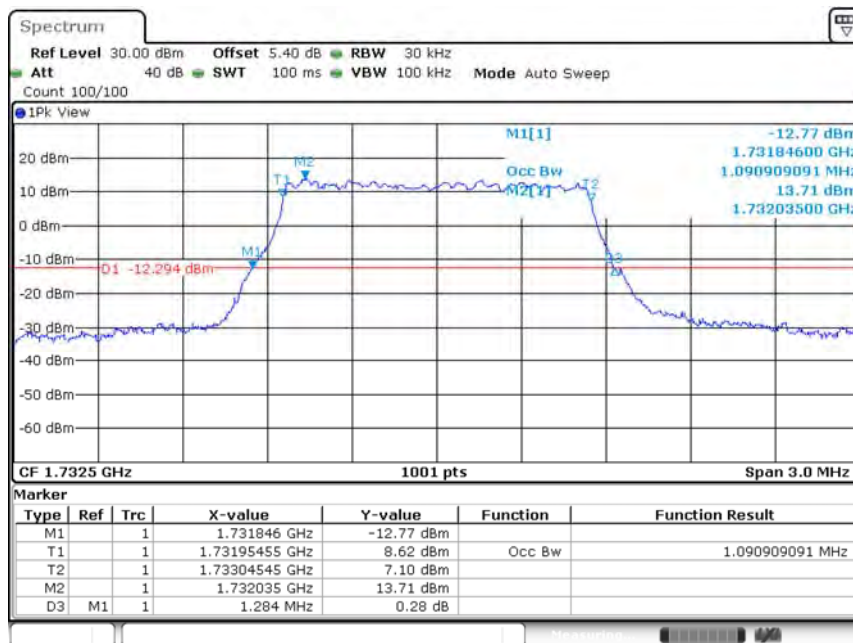
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**Band4-1.4MHz-256QAM-19957-6RB#0-1.094**



Date: 5.MAY.2021 02:32:20

**Band4-1.4MHz-256QAM-20175-6RB#0-1.091**

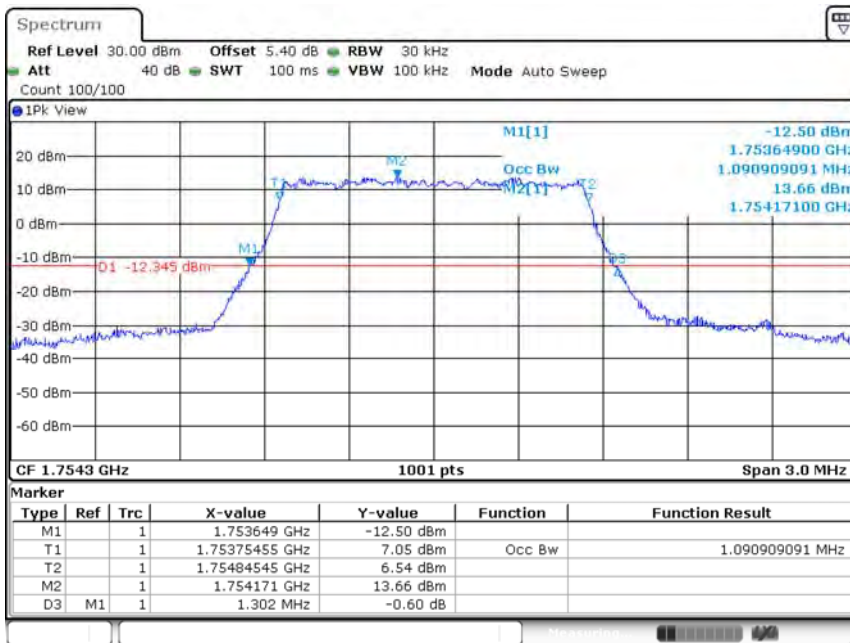


Date: 5.MAY.2021 02:32:40



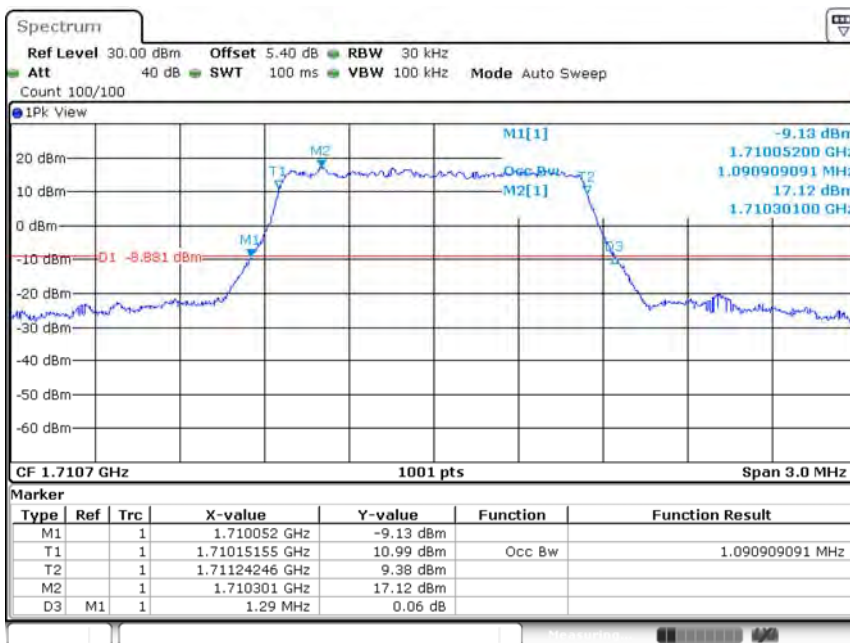
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Band4-1.4MHz-256QAM-20393-6RB#0-1.091



Date: 5.MAY.2021 02:33:00

Band4-1.4MHz-16QAM-19957-6RB#0-1.091

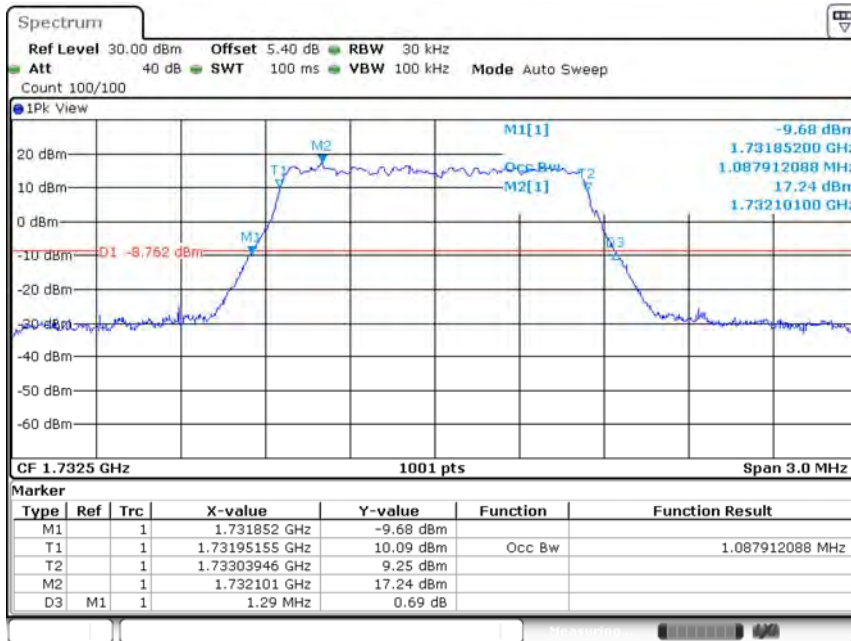


Date: 12.MAY.2021 00:16:11



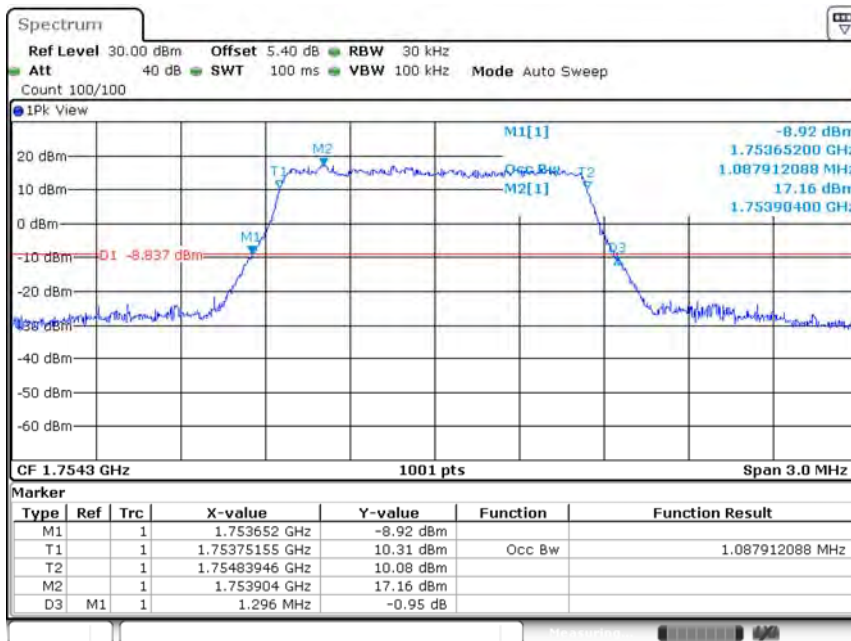
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**Band4-1.4MHz-16QAM-20175-6RB#0-1.088**



Date: 12.MAY.2021 00:16:51

**Band4-1.4MHz-16QAM-20393-6RB#0-1.088**

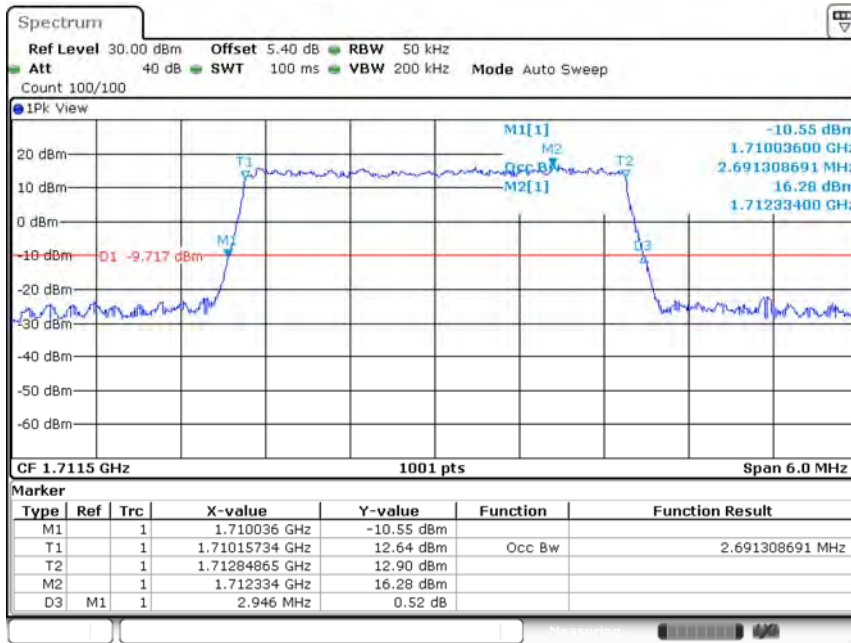


Date: 12.MAY.2021 00:17:30



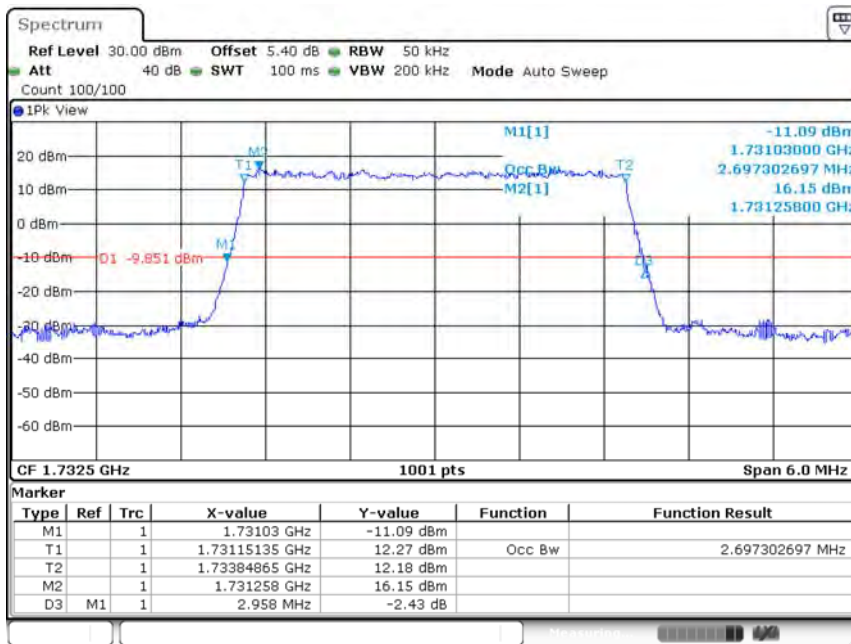
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**Band4-3MHz-QPSK-19965-15RB#0-2.691**



Date: 12.MAY.2021 00:17:56

**Band4-3MHz-QPSK-20175-15RB#0-2.697**



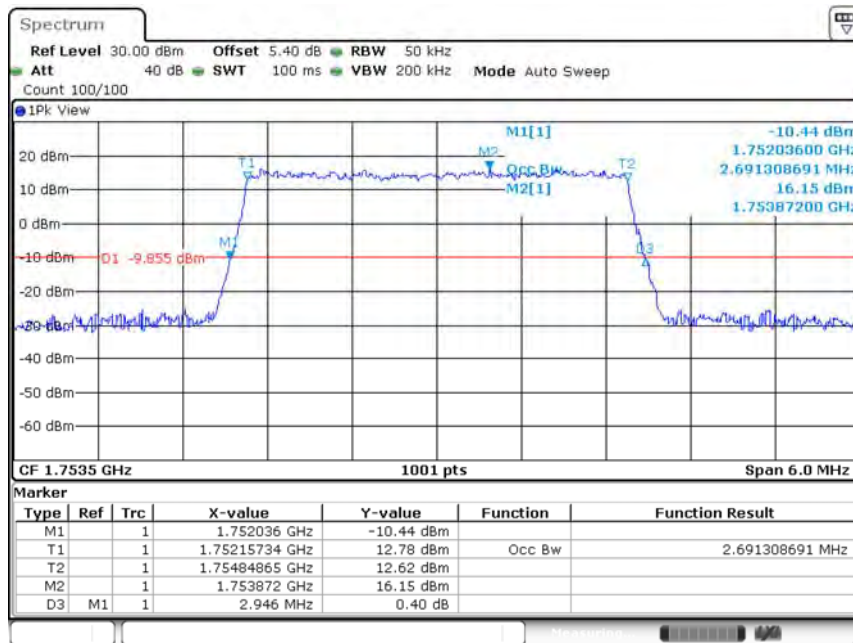
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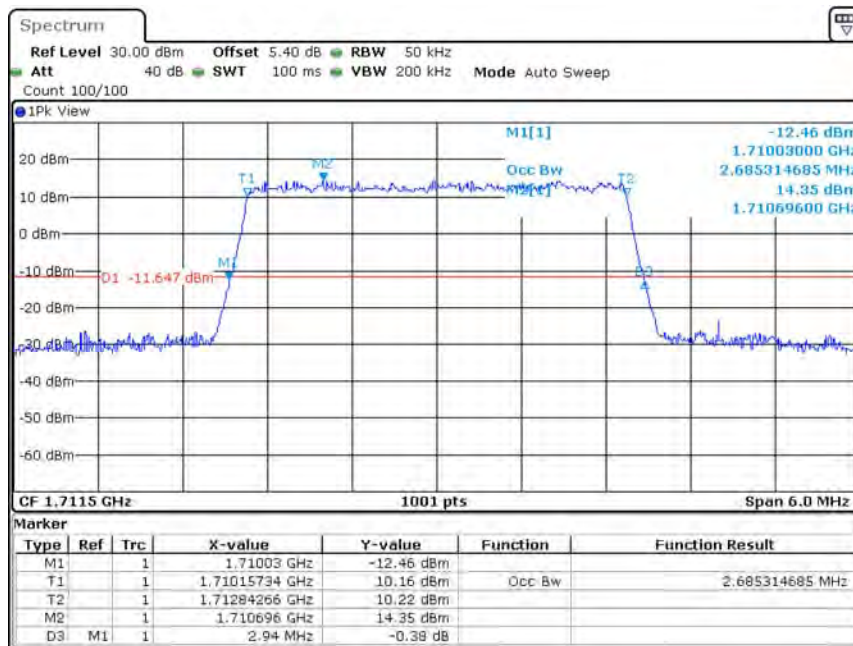


**Band4-3MHz-QPSK-20385-15RB#0-2.691**



Date: 12.MAY.2021 00:19:15

**Band4-3MHz-64QAM-19965-15RB#0-2.685**

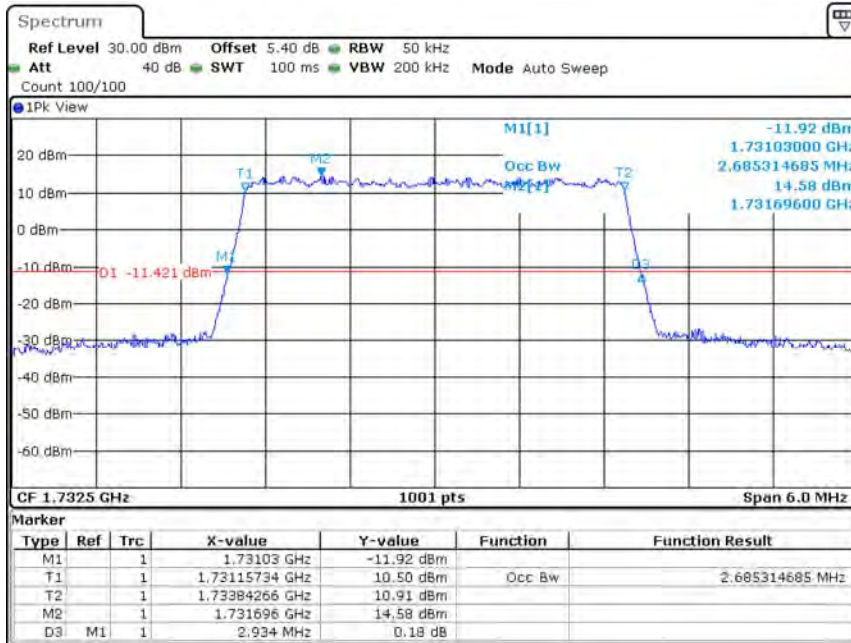


Date: 16 MAY 2021 10:01:00



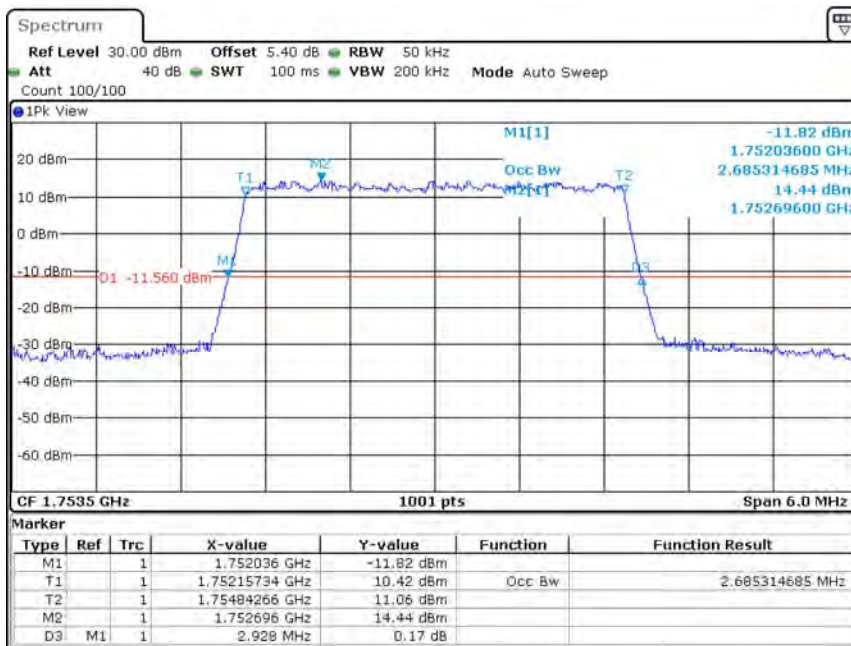
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**Band4-3MHz-64QAM-20175-15RB#0-2.685**



Date: 16 MAY 2021 10:01:20

**Band4-3MHz-64QAM-20385-15RB#0-2.685**

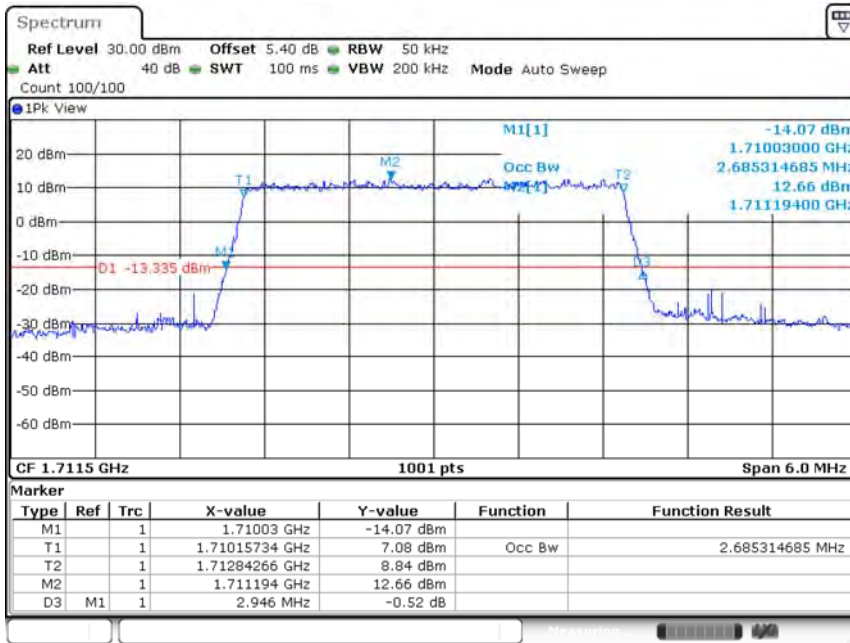


Date: 16 MAY 2021 10:01:40



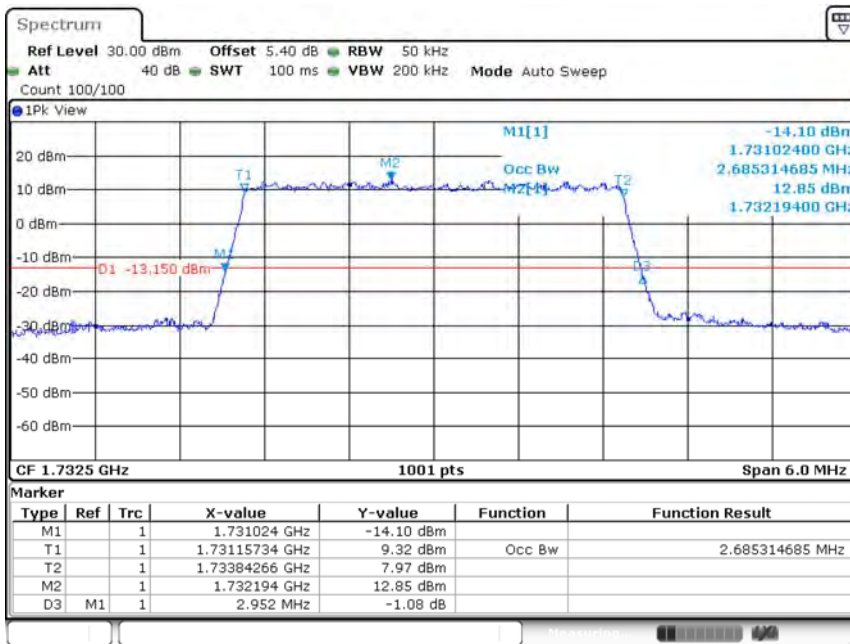
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**Band4-3MHz-256QAM-19965-15RB#0-2.685**



Date: 5.MAY.2021 02:33:25

**Band4-3MHz-256QAM-20175-15RB#0-2.685**

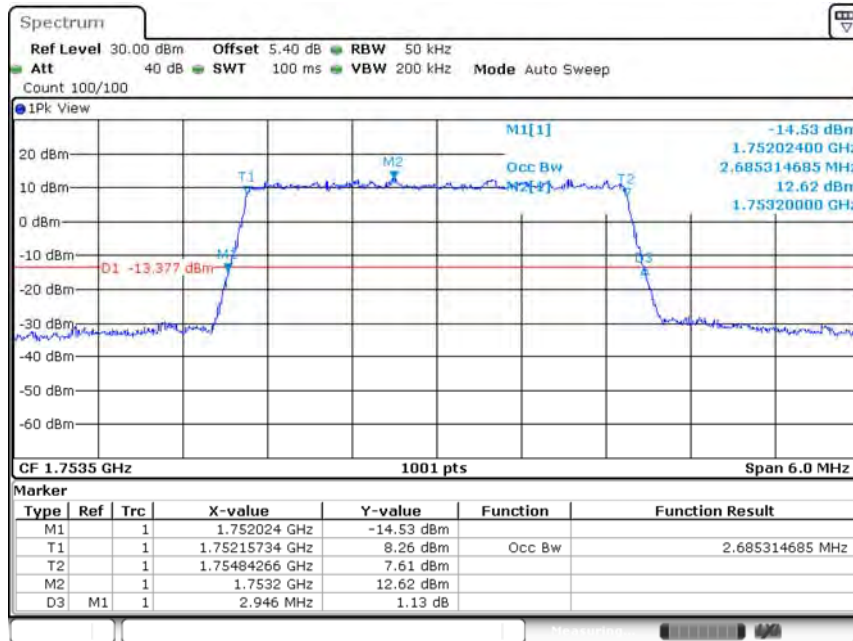


Date: 5.MAY.2021 02:33:45



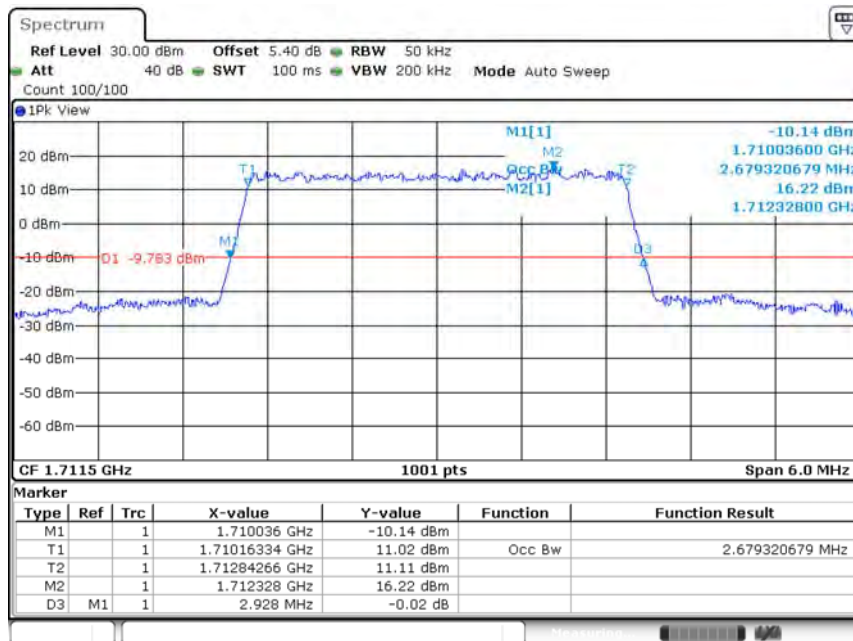
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**Band4-3MHz-256QAM-20385-15RB#0-2.685**



Date: 5.MAY.2021 02:34:05

**Band4-3MHz-16QAM-19965-15RB#0-2.679**

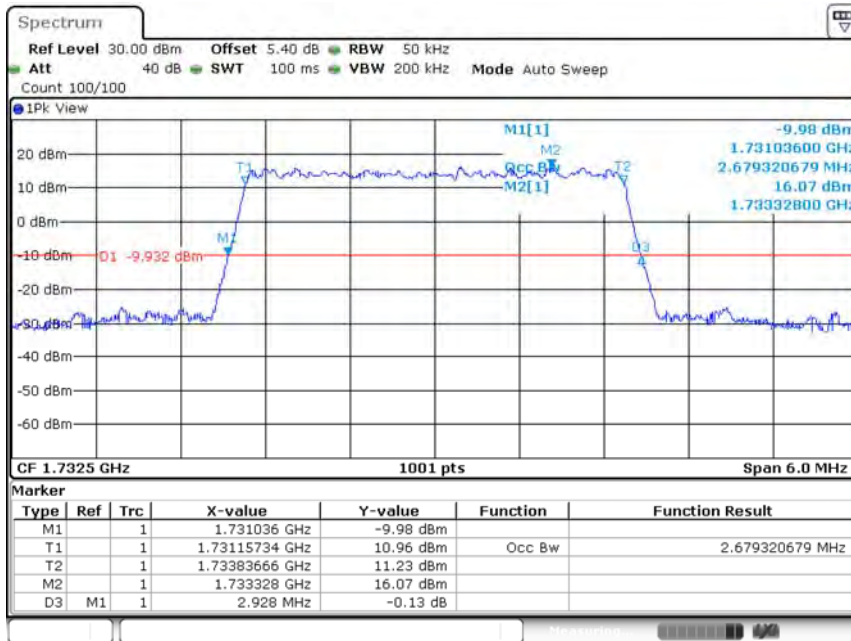


Date: 12.MAY.2021 00:18:16



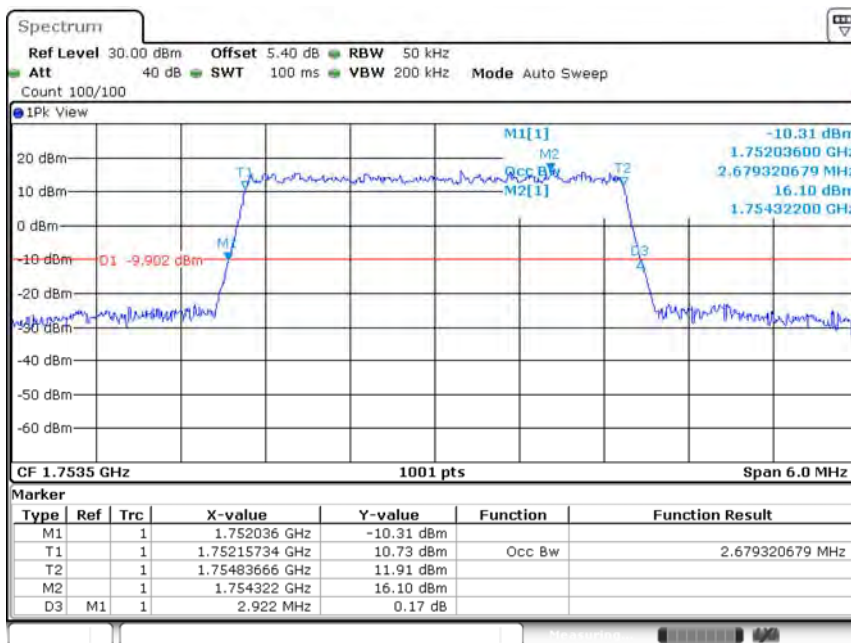
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**Band4-3MHz-16QAM-20175-15RB#0-2.679**



Date: 12.MAY.2021 00:18:55

**Band4-3MHz-16QAM-20385-15RB#0-2.679**

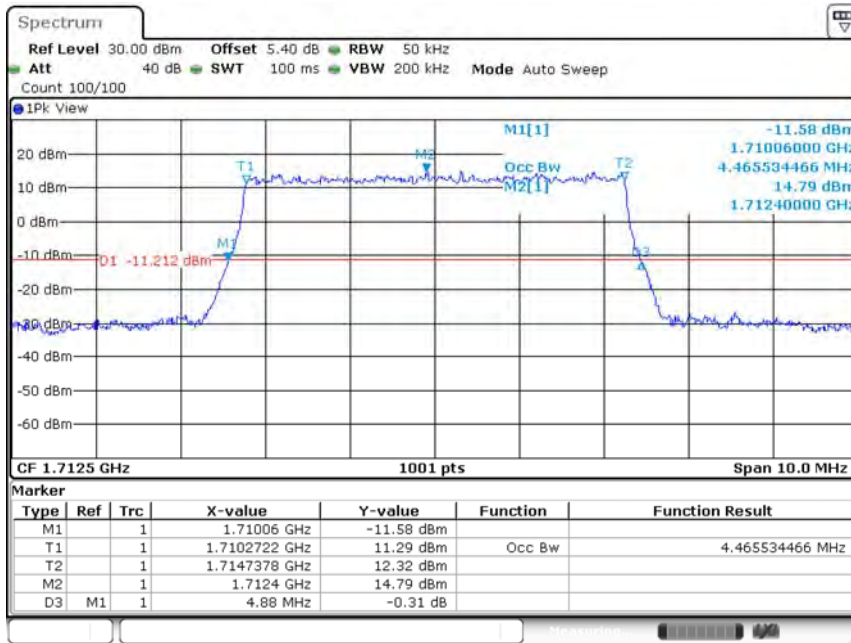


Date: 12.MAY.2021 00:19:35



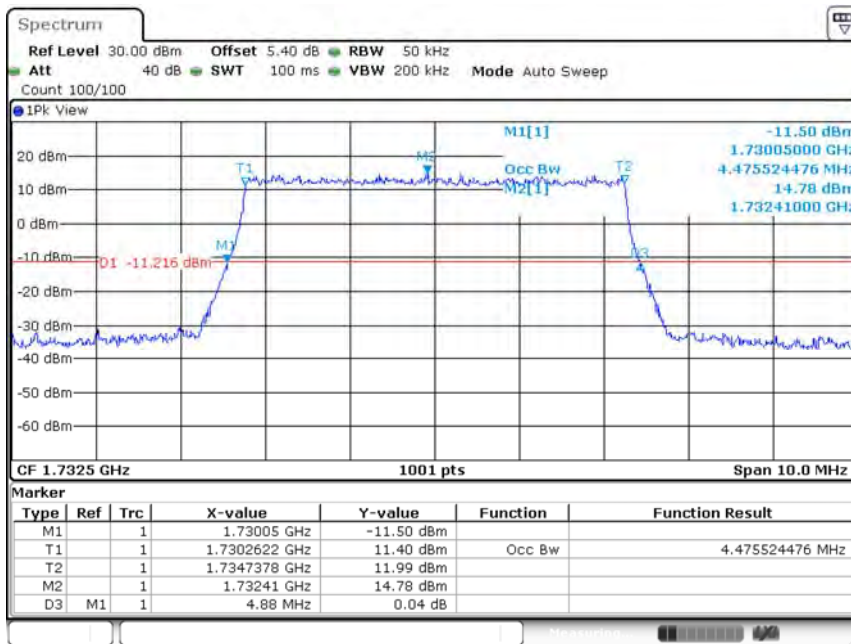
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**Band4-5MHz-QPSK-19975-25RB#0-4.466**



Date: 12.MAY.2021 00:20:00

**Band4-5MHz-QPSK-20175-25RB#0-4.476**

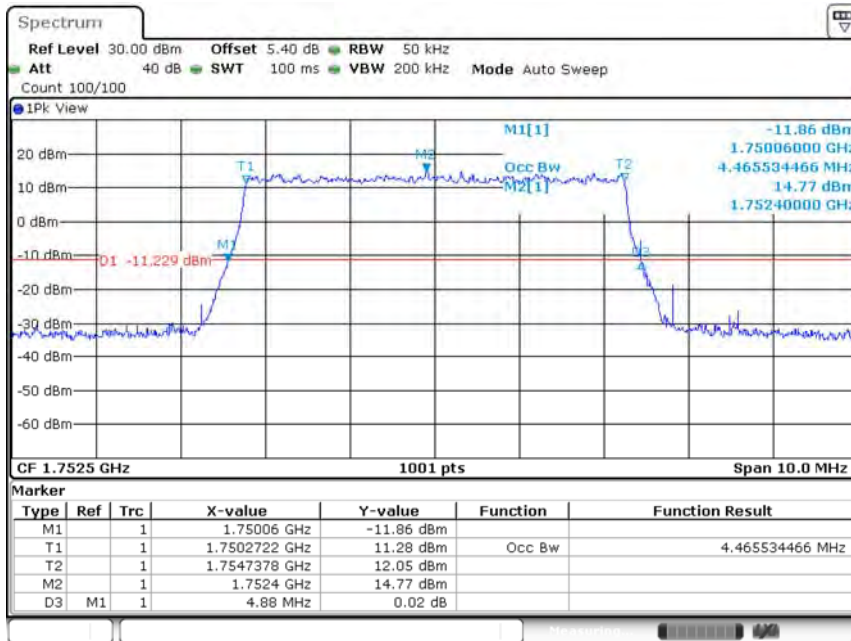


Date: 12.MAY.2021 00:20:40



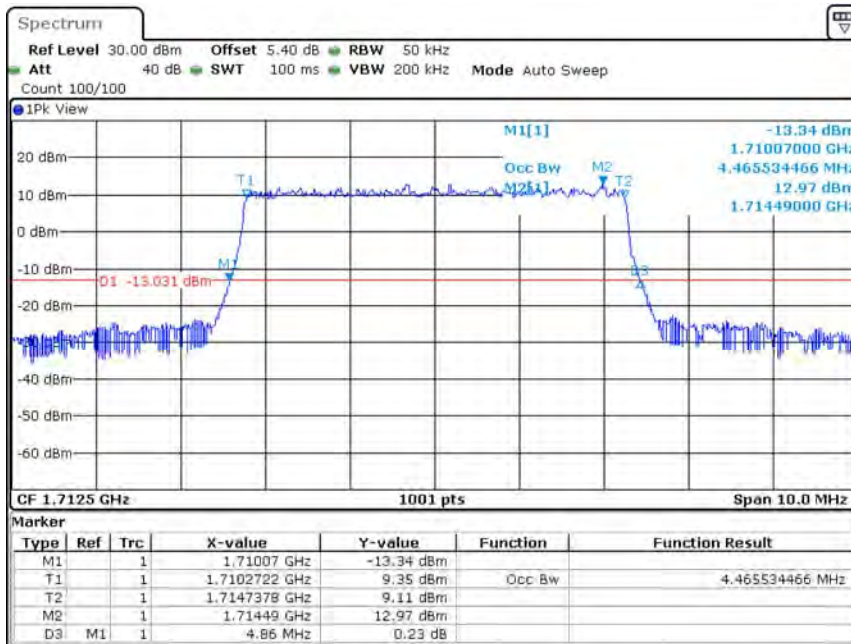
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**Band4-5MHz-QPSK-20375-25RB#0-4.466**



Date: 12.MAY.2021 00:21:20

**Band4-5MHz-64QAM-19975-25RB#0-4.466**

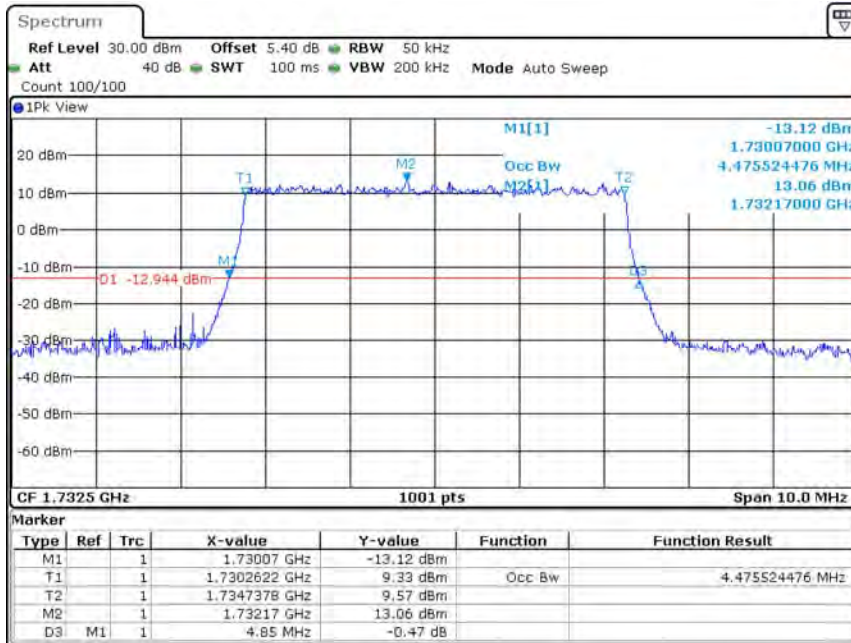


Date: 16 MAY 2021 10:02:07



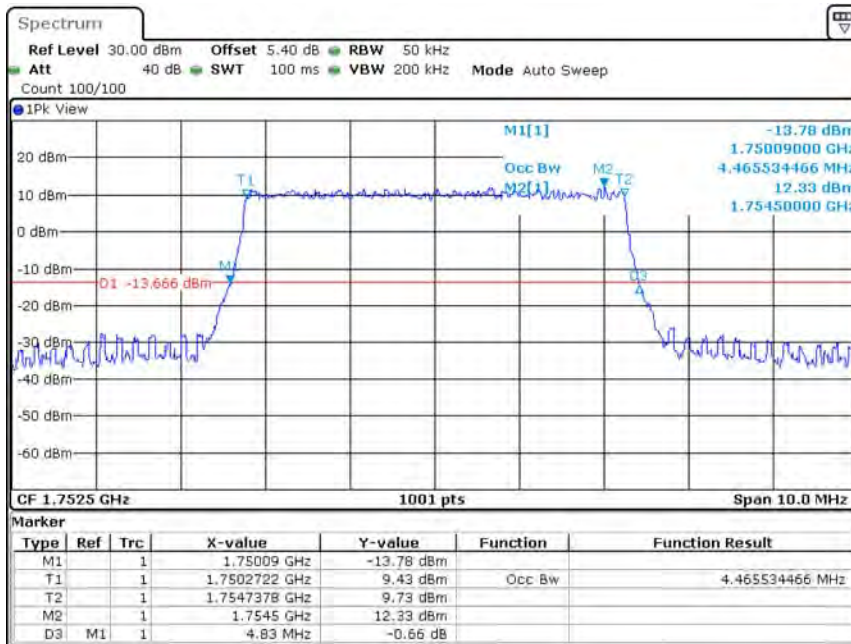
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**Band4-5MHz-64QAM-20175-25RB#0-4.476**



Date: 16 MAY 2021 10:02:26

**Band4-5MHz-64QAM-20375-25RB#0-4.466**



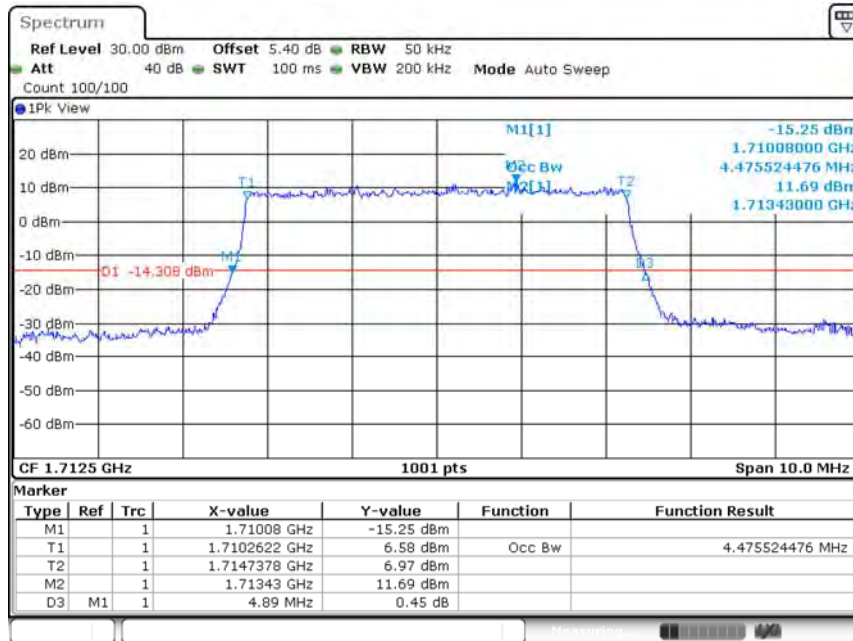
Date: 16 MAY 2021 10:02:46



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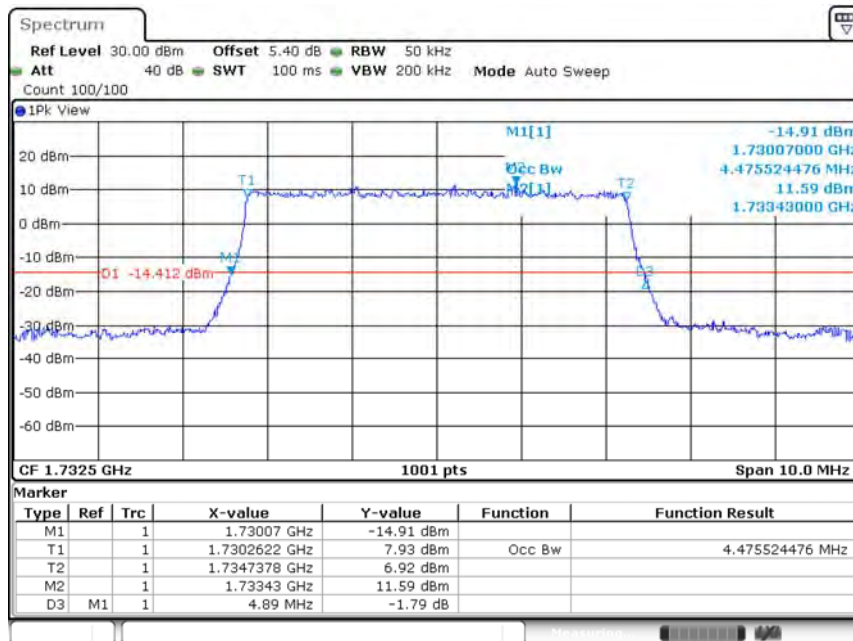


**Band4-5MHz-256QAM-19975-25RB#0-4.476**



Date: 5.MAY.2021 02:34:30

**Band4-5MHz-256QAM-20175-25RB#0-4.476**

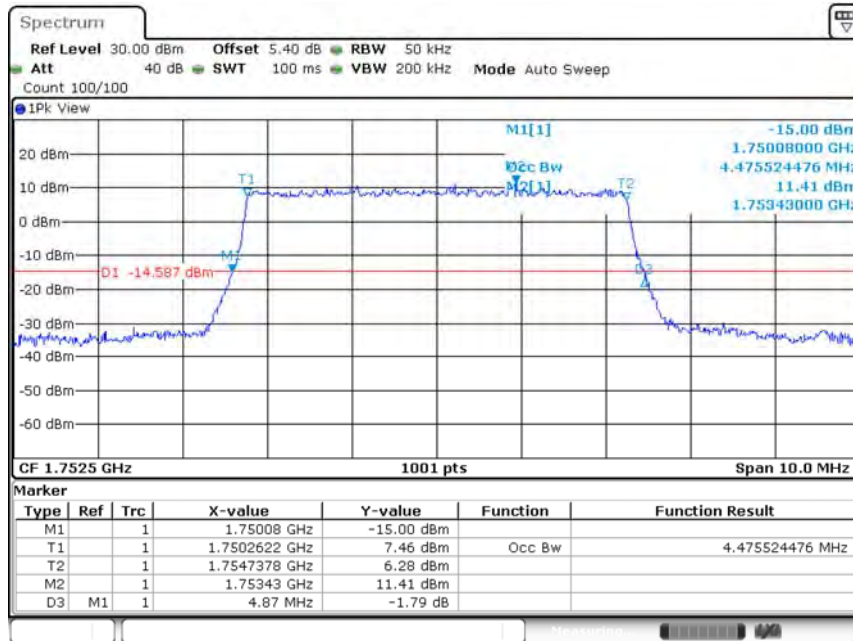


Date: 5.MAY.2021 02:34:50



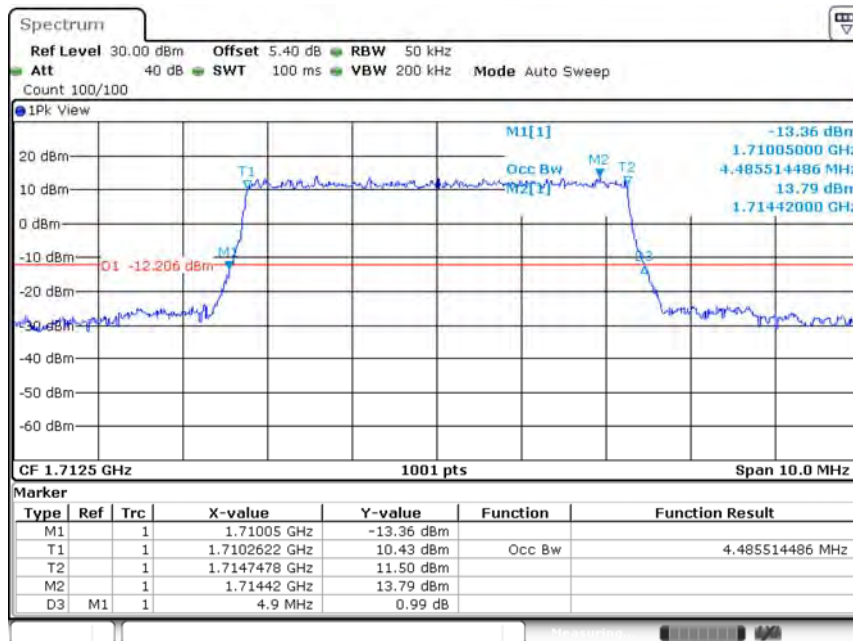
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**Band4-5MHz-256QAM-20375-25RB#0-4.476**



Date: 5.MAY.2021 02:35:10

**Band4-5MHz-16QAM-19975-25RB#0-4.486**

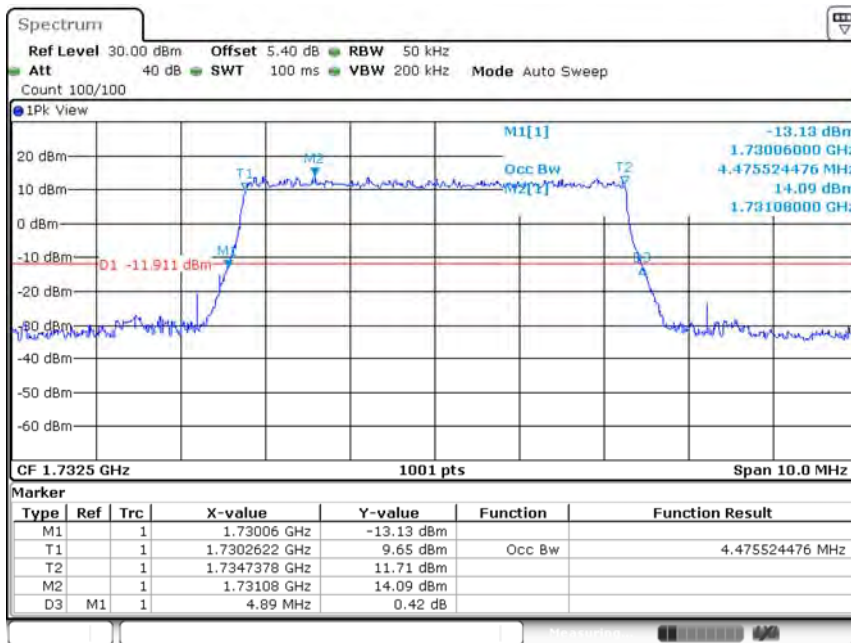


Date: 12.MAY.2021 00:20:20



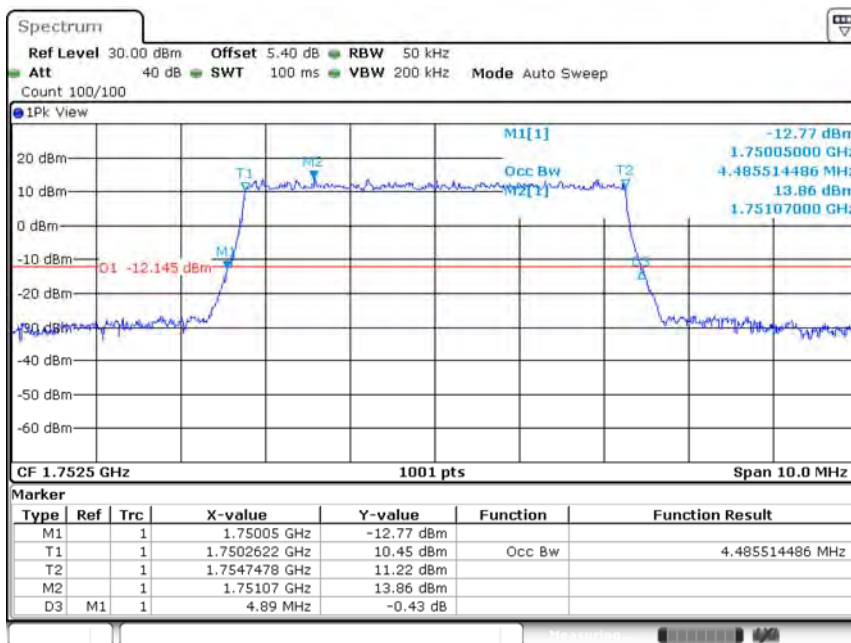
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**Band4-5MHz-16QAM-20175-25RB#0-4.476**



Date: 12.MAY.2021 00:20:59

**Band4-5MHz-16QAM-20375-25RB#0-4.486**

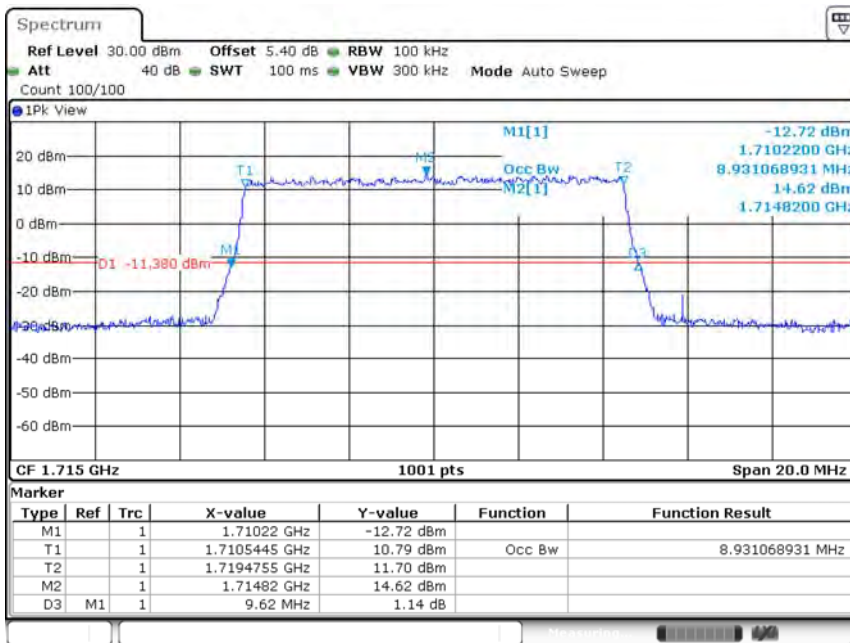


Date: 12.MAY.2021 00:21:39



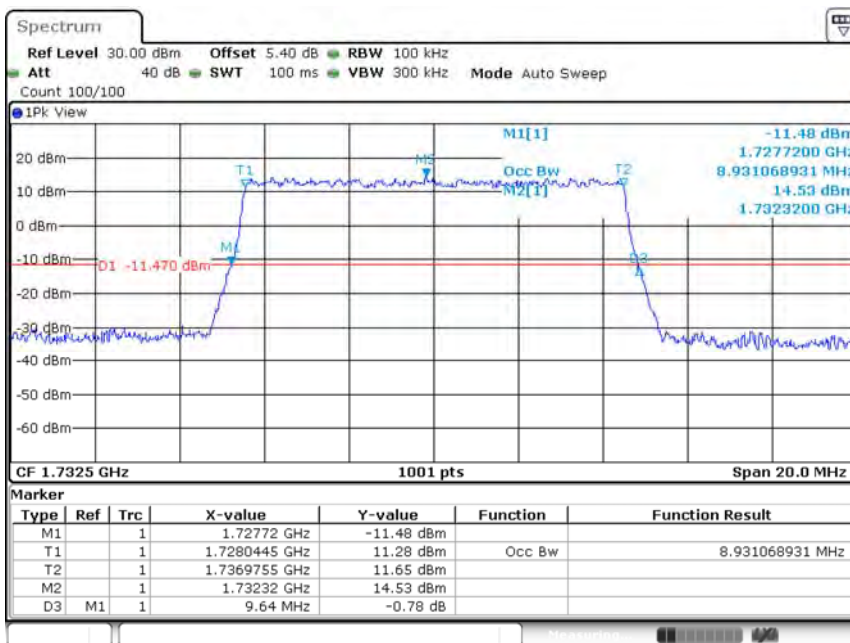
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**Band4-10MHz-QPSK-20000-50RB#0-8.931**



Date: 12.MAY.2021 00:22:05

**Band4-10MHz-QPSK-20175-50RB#0-8.931**

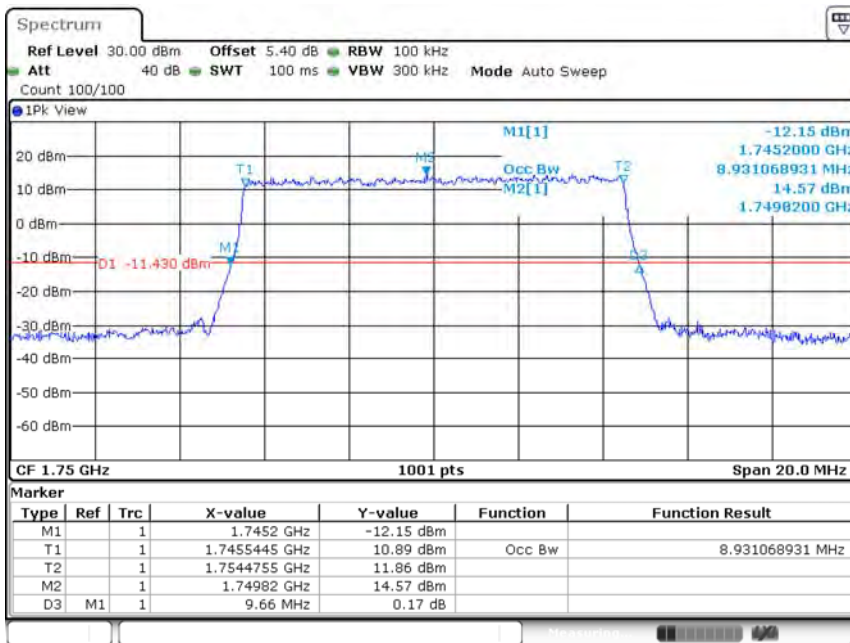


Date: 12.MAY.2021 00:22:44



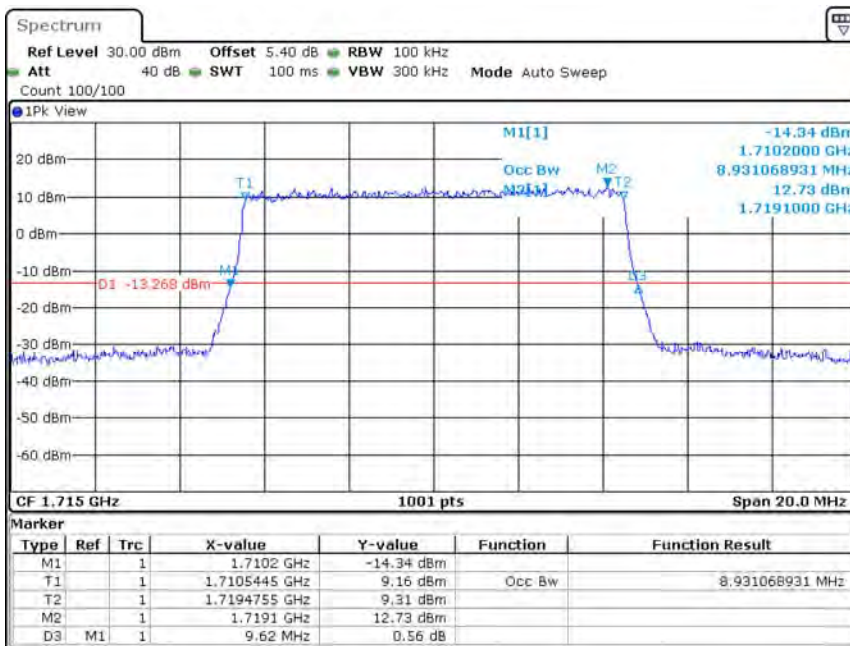
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**Band4-10MHz-QPSK-20350-50RB#0-8.931**



Date: 12.MAY.2021 00:23:24

**Band4-10MHz-64QAM-20000-50RB#0-8.931**

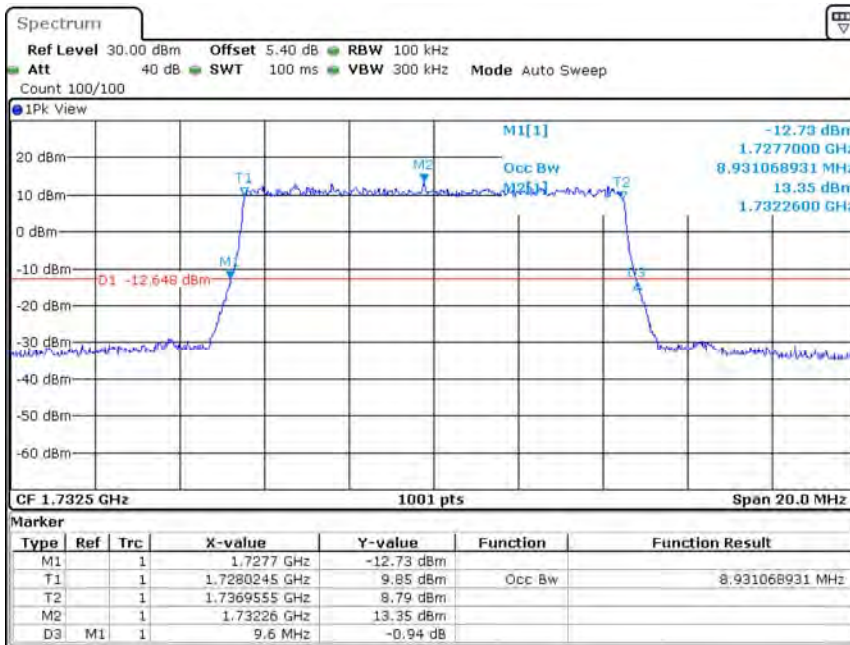


Date: 16 MAY 2021 10:03:13



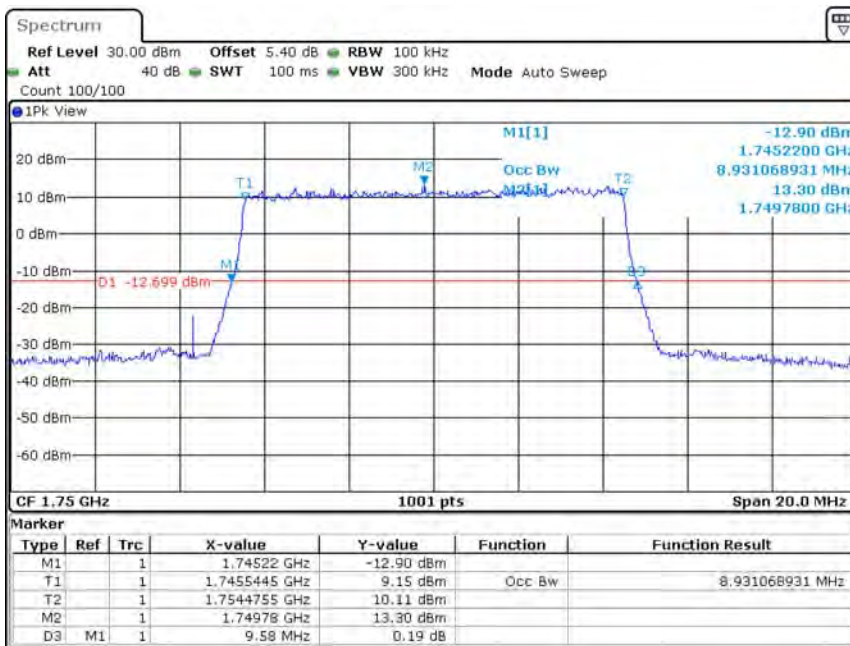
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**Band4-10MHz-64QAM-20175-50RB#0-8.931**



Date: 16 MAY 2021 10:03:32

**Band4-10MHz-64QAM-20350-50RB#0-8.931**

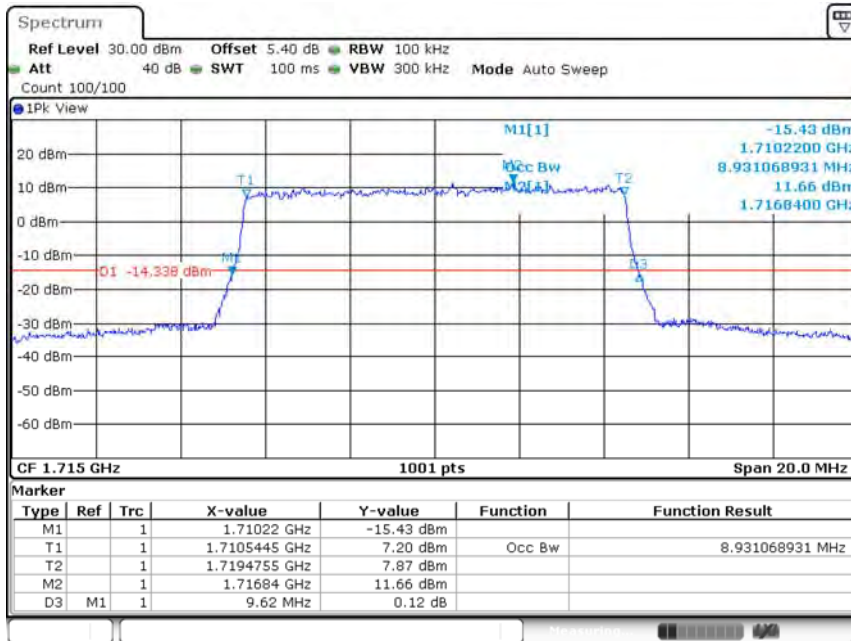


Date: 16 MAY 2021 10:03:52



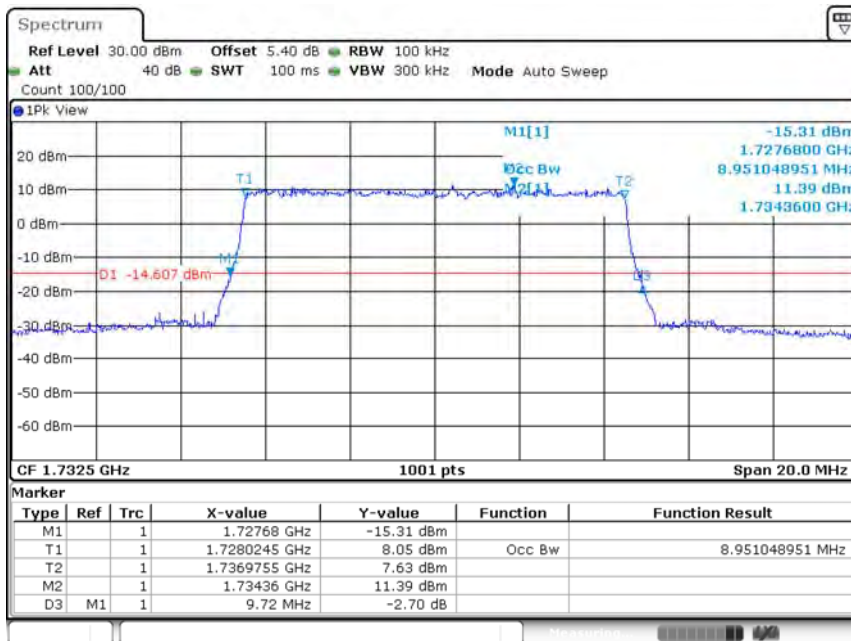
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**Band4-10MHz-256QAM-20000-50RB#0-8.931**



Date: 5.MAY.2021 02:35:35

**Band4-10MHz-256QAM-20175-50RB#0-8.951**

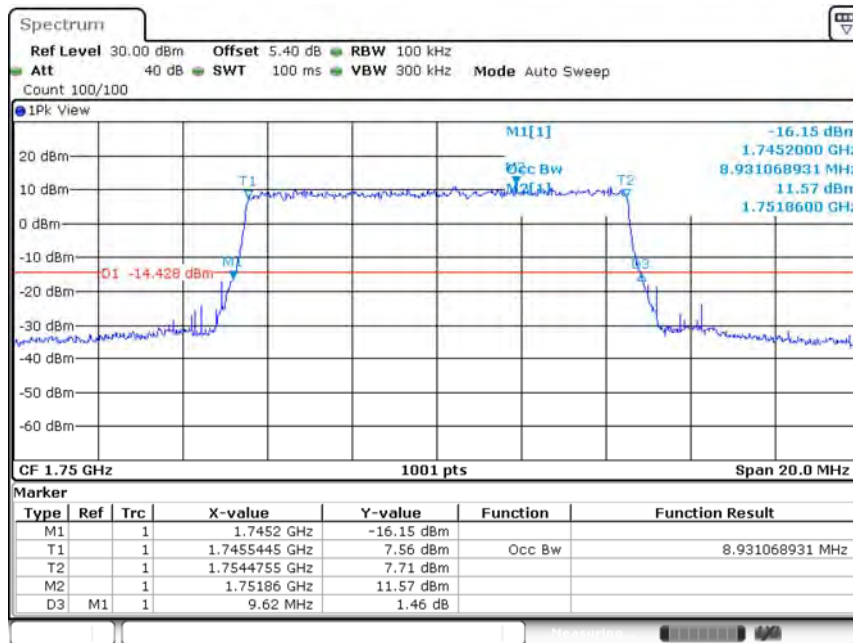


Date: 5.MAY.2021 02:35:55



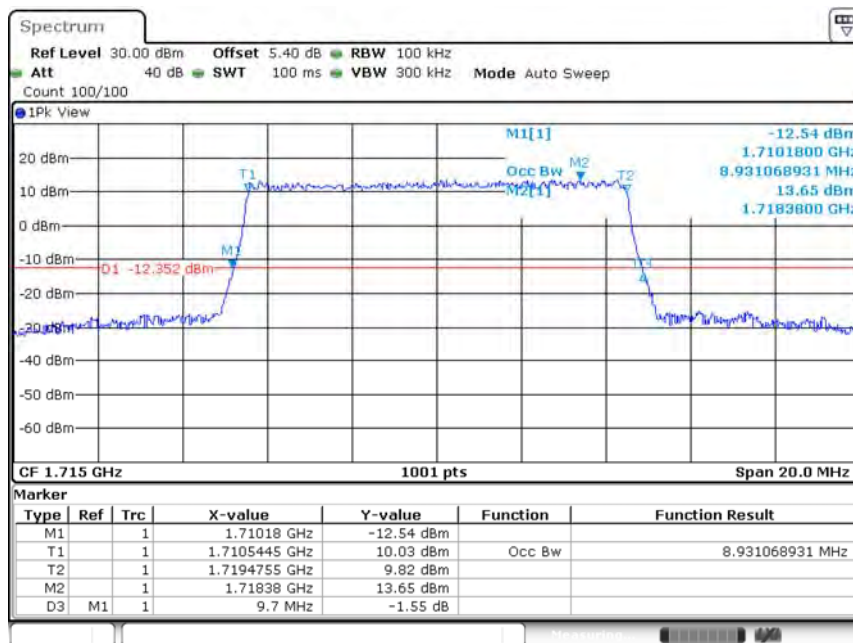
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Band4-10MHz-256QAM-20350-50RB#0-8.931



Date: 5.MAY.2021 02:36:15

Band4-10MHz-16QAM-20000-50RB#0-8.931



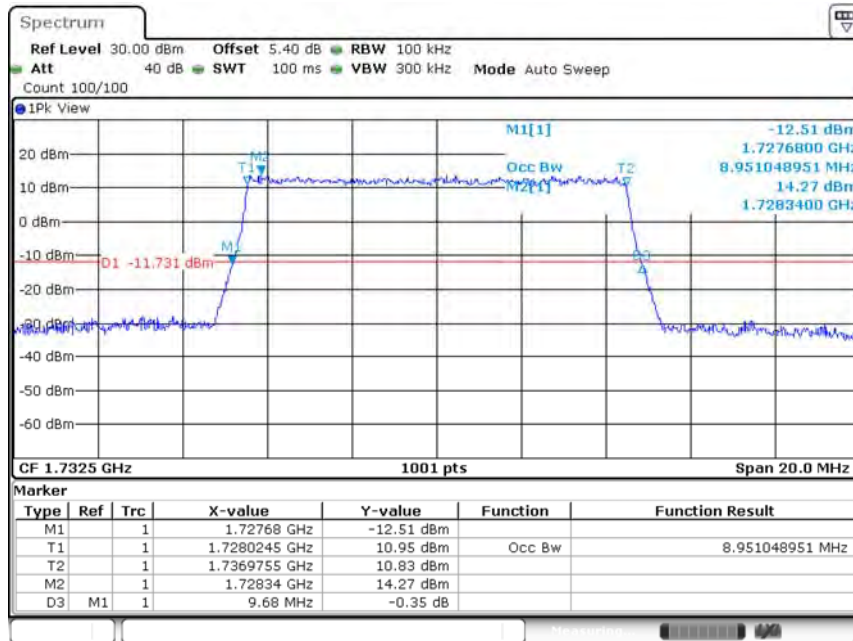
Date: 12.MAY.2021 00:22:24



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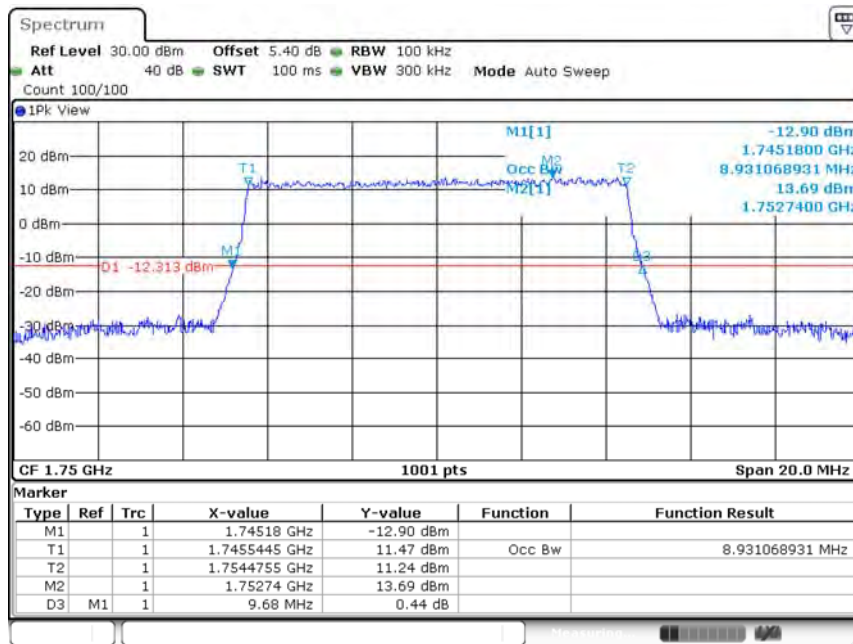


**Band4-10MHz-16QAM-20175-50RB#0-8.951**



Date: 12.MAY.2021 00:23:04

**Band4-10MHz-16QAM-20350-50RB#0-8.931**

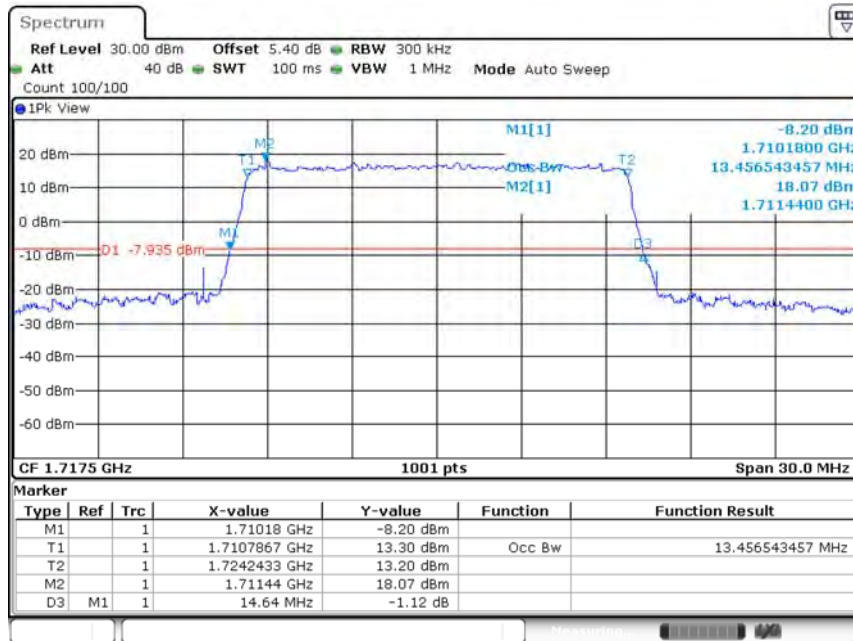


Date: 12.MAY.2021 00:23:43



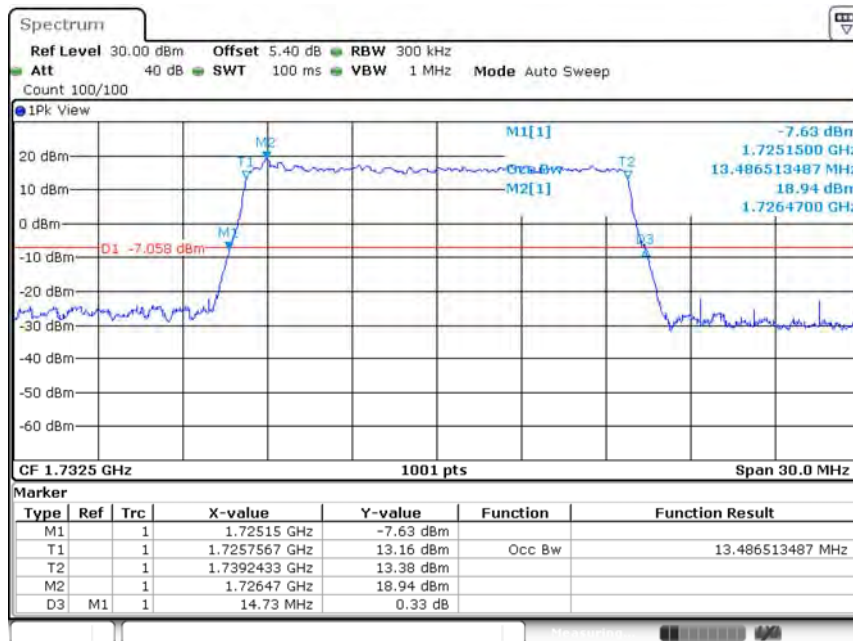
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**Band4-15MHz-QPSK-20025-75RB#0-13.457**



Date: 12.MAY.2021 00:24:09

**Band4-15MHz-QPSK-20175-75RB#0-13.487**

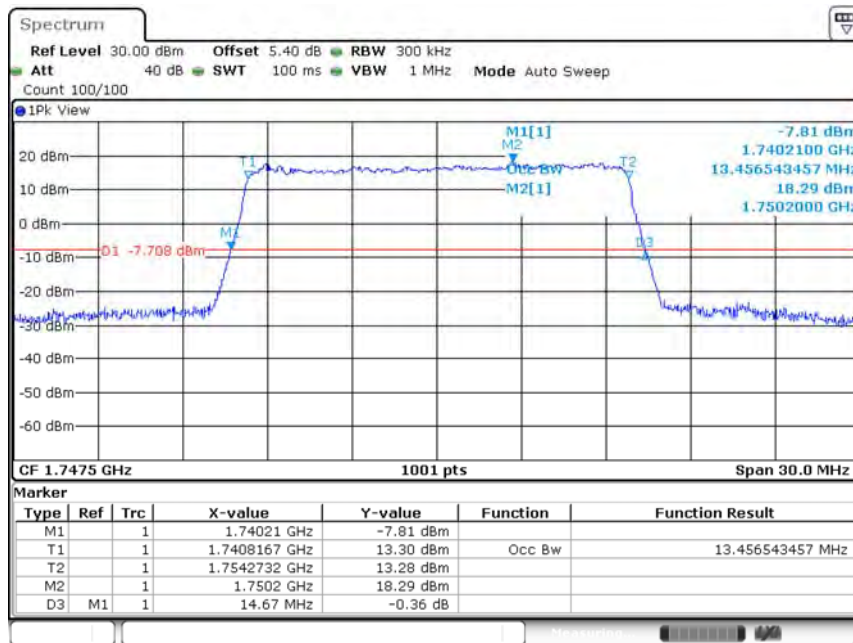


Date: 12.MAY.2021 00:24:48



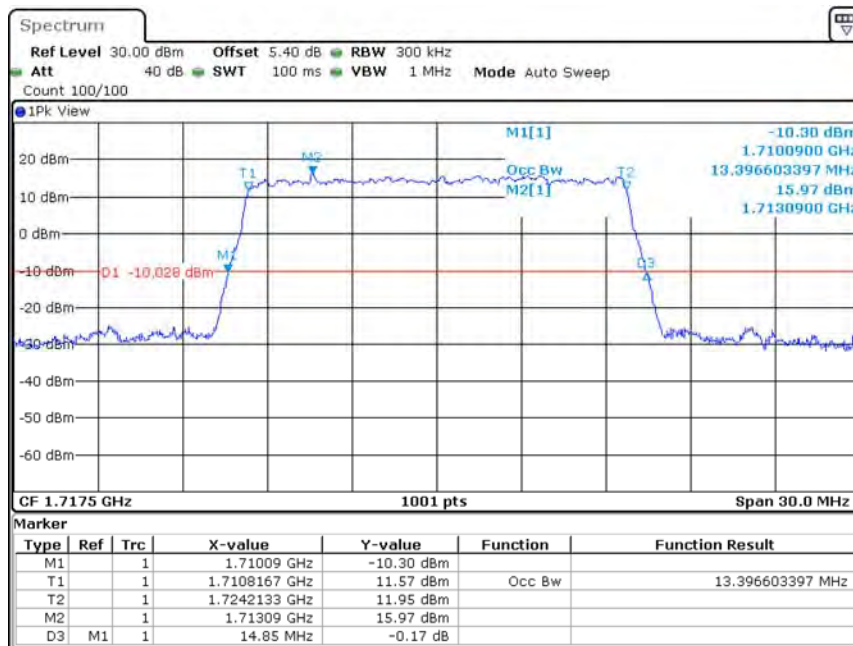
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**Band4-15MHz-QPSK-20325-75RB#0-13.457**



Date: 12.MAY.2021 00:25:28

**Band4-15MHz-64QAM-20025-75RB#0-13.397**

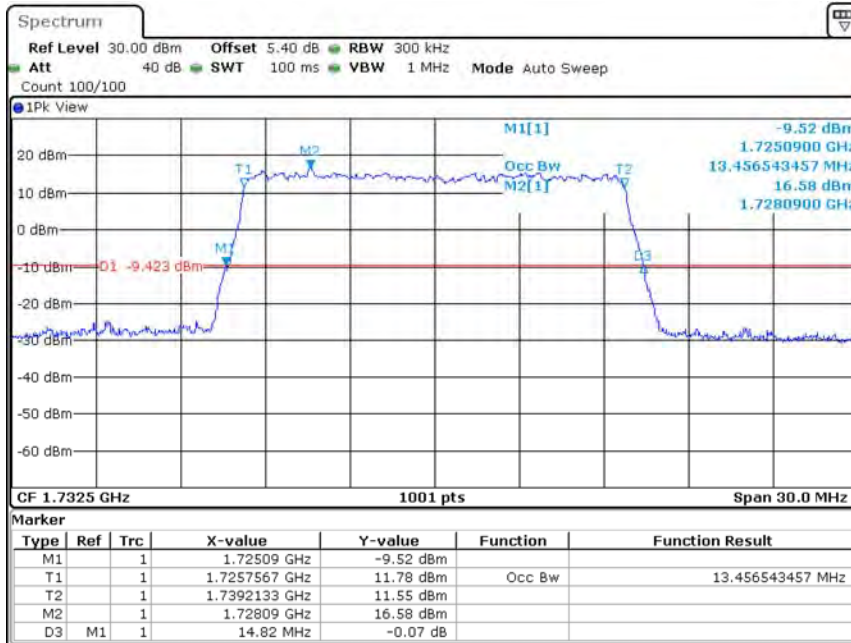


Date: 16.MAY.2021 10:04:19



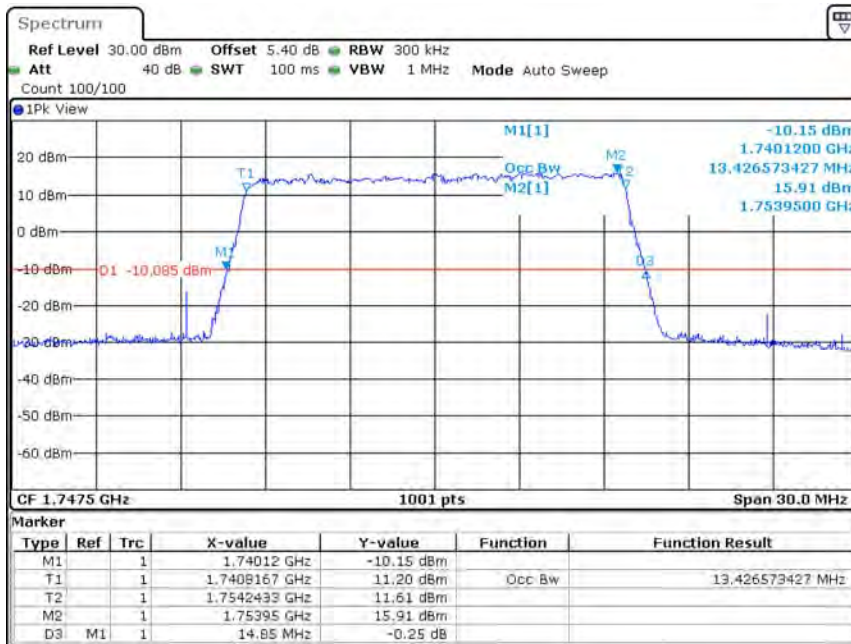
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Band4-15MHz-64QAM-20175-75RB#0-13.457



Date: 16.MAY.2021 10:04:39

Band4-15MHz-64QAM-20325-75RB#0-13.427

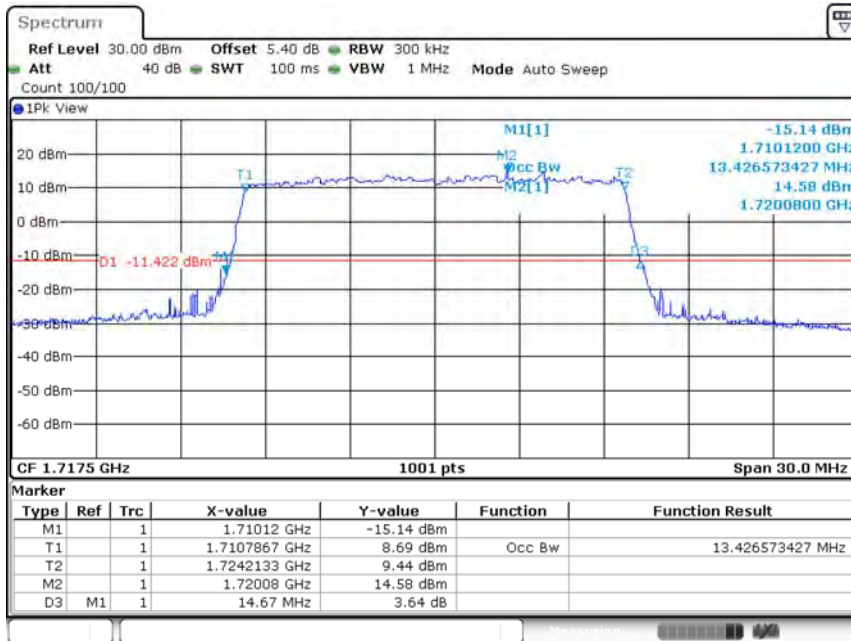


Date: 16 MAY 2021 10:04:59



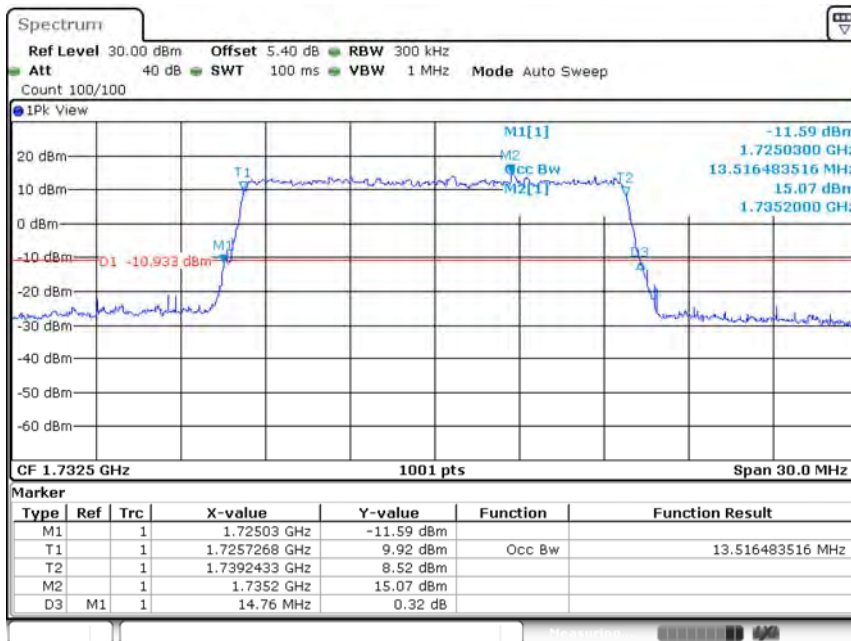
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**Band4-15MHz-256QAM-20025-75RB#0-13.427**



Date: 5.MAY.2021 02:36:40

**Band4-15MHz-256QAM-20175-75RB#0-13.516**

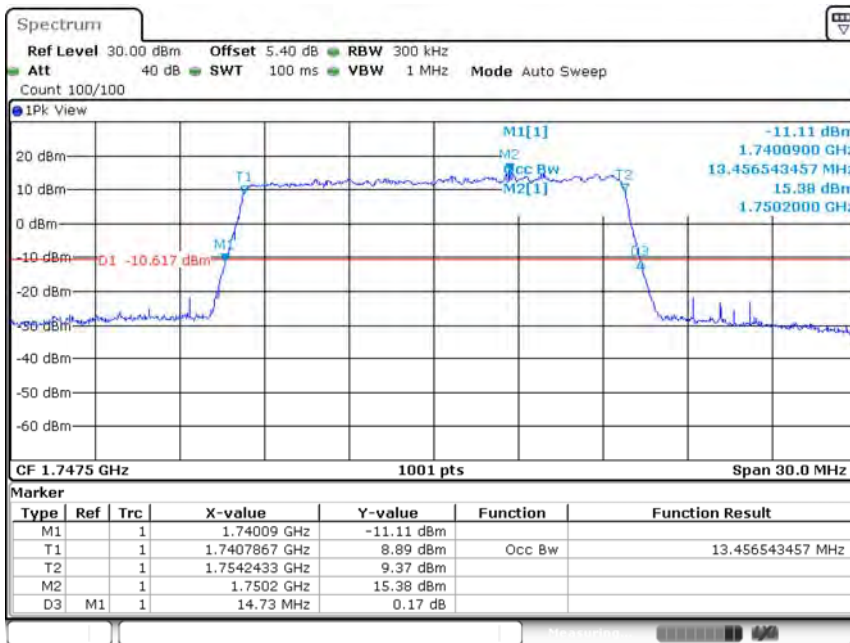


Date: 5.MAY.2021 02:37:00



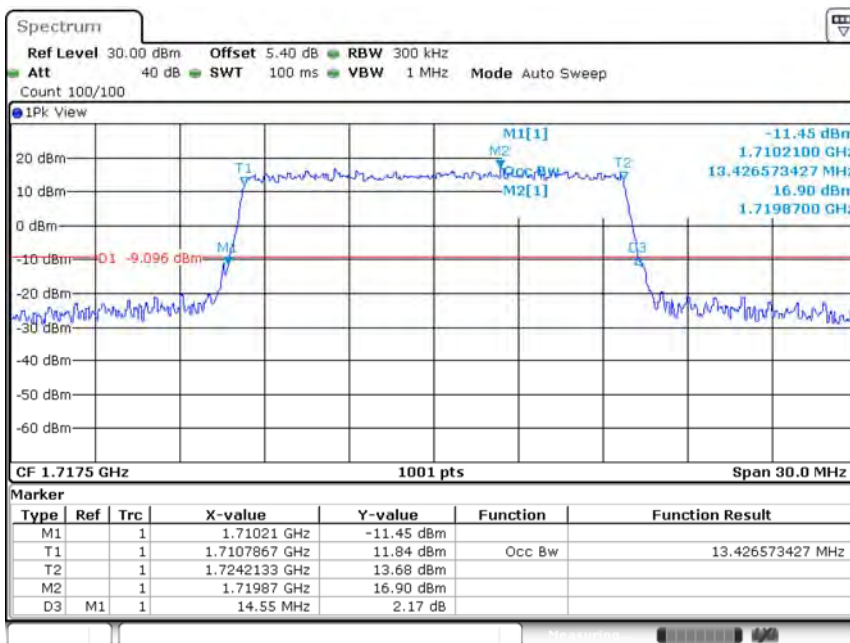
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**Band4-15MHz-256QAM-20325-75RB#0-13.457**



Date: 5.MAY.2021 02:37:20

**Band4-15MHz-16QAM-20025-75RB#0-13.427**

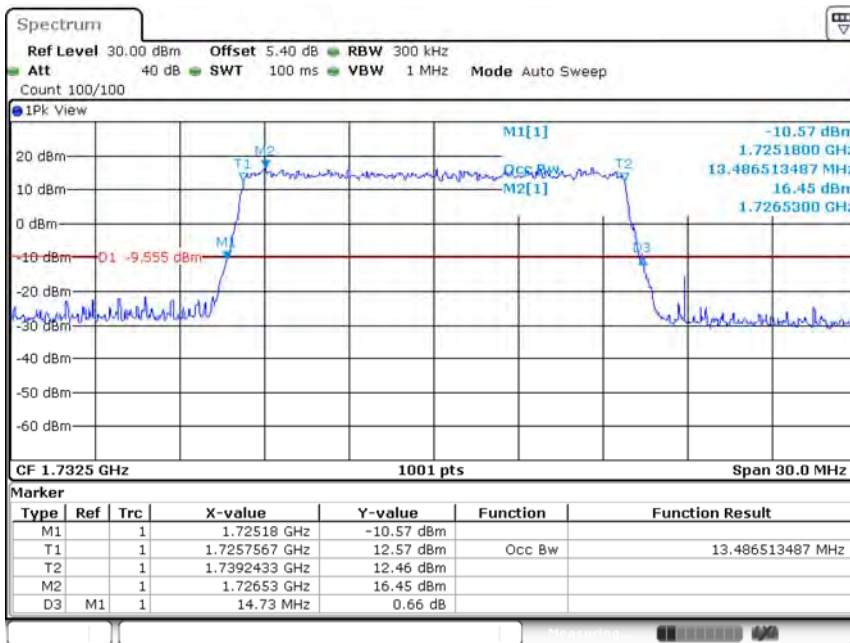


Date: 12.MAY.2021 00:24:28



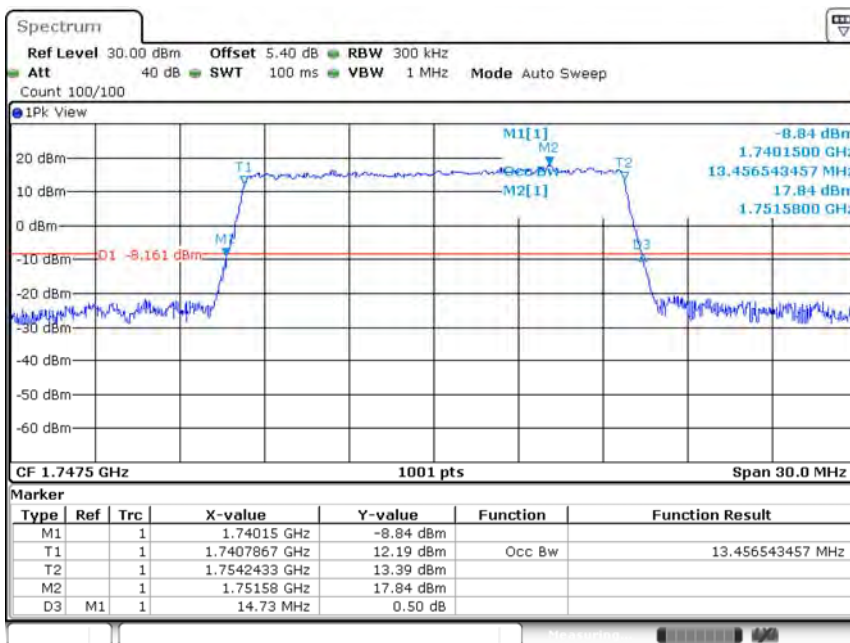
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**Band4-15MHz-16QAM-20175-75RB#0-13.487**



Date: 12.MAY.2021 00:25:08

**Band4-15MHz-16QAM-20325-75RB#0-13.457**

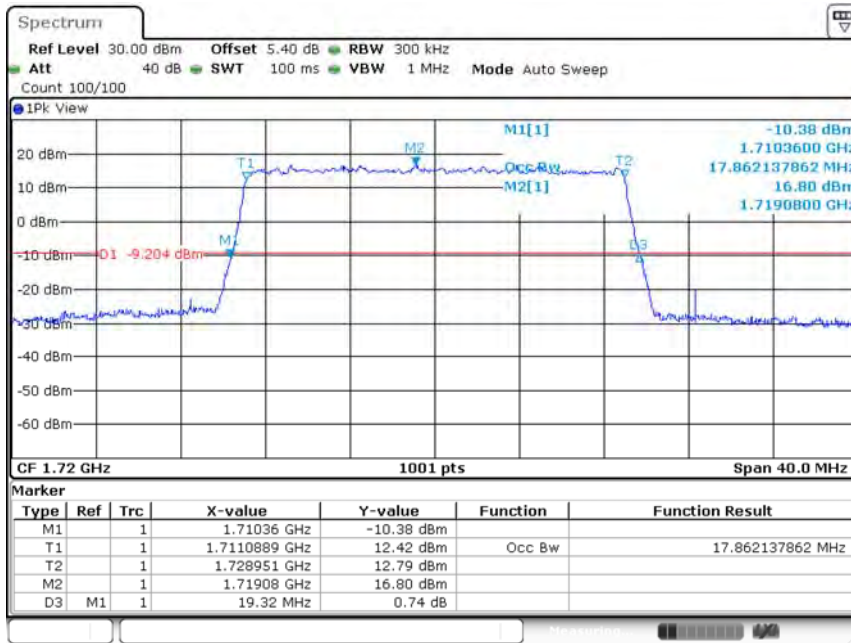


Date: 12.MAY.2021 00:25:48



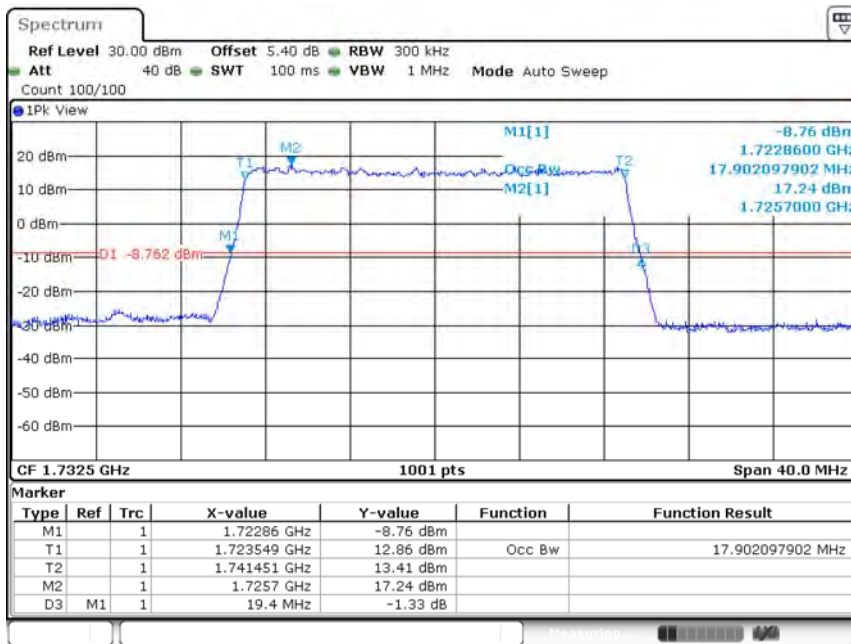
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**Band4-20MHz-QPSK-20050-100RB#0-17.862**



Date: 12.MAY.2021 00:26:13

**Band4-20MHz-QPSK-20175-100RB#0-17.902**



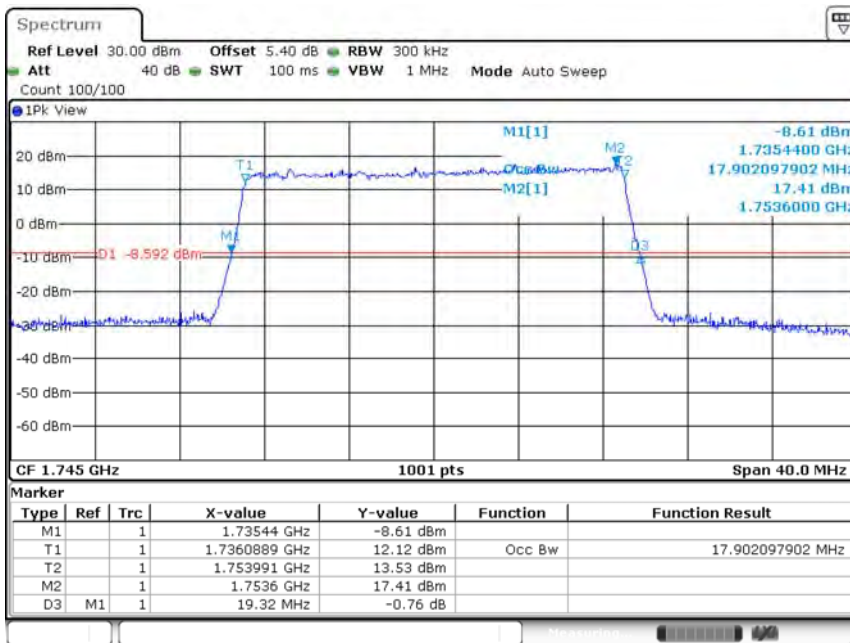
Date: 12.MAY.2021 00:26:53



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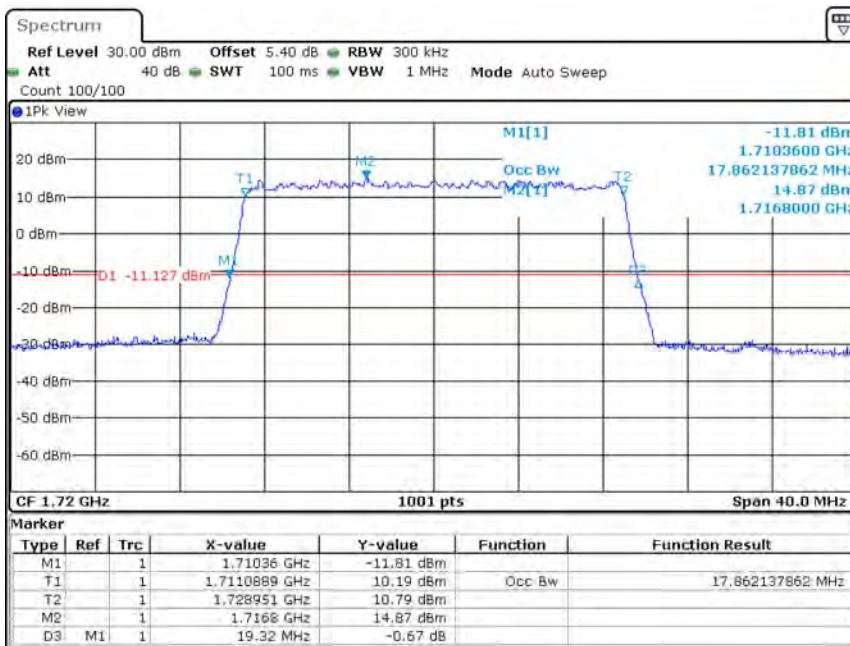


**Band4-20MHz-QPSK-20300-100RB#0-17.902**



Date: 12.MAY.2021 00:27:32

**Band4-20MHz-64QAM-20050-100RB#0-17.862**

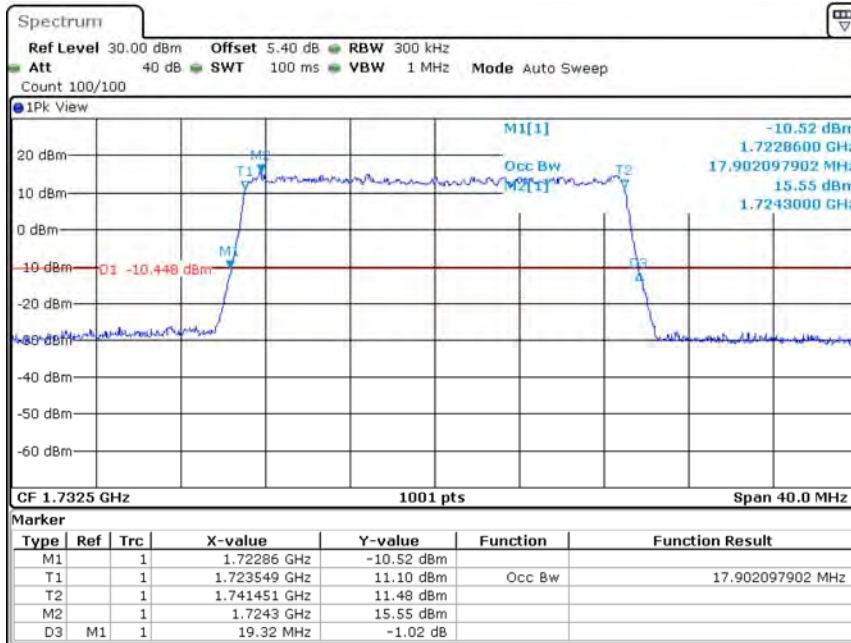


Date: 16 MAY 2021 10:05:26



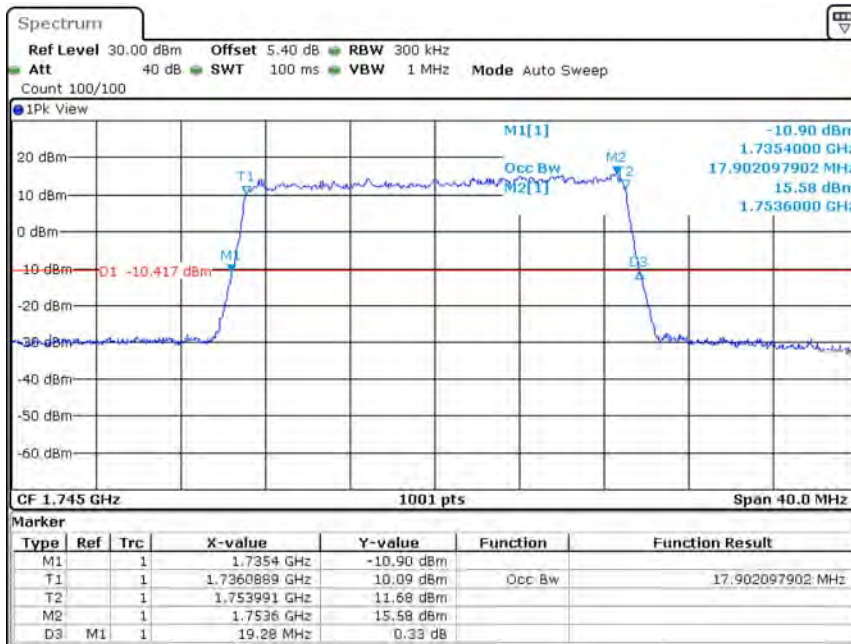
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**Band4-20MHz-64QAM-20175-100RB#0-17.902**



Date: 16.MAY.2021 10:05:45

**Band4-20MHz-64QAM-20300-100RB#0-17.902**

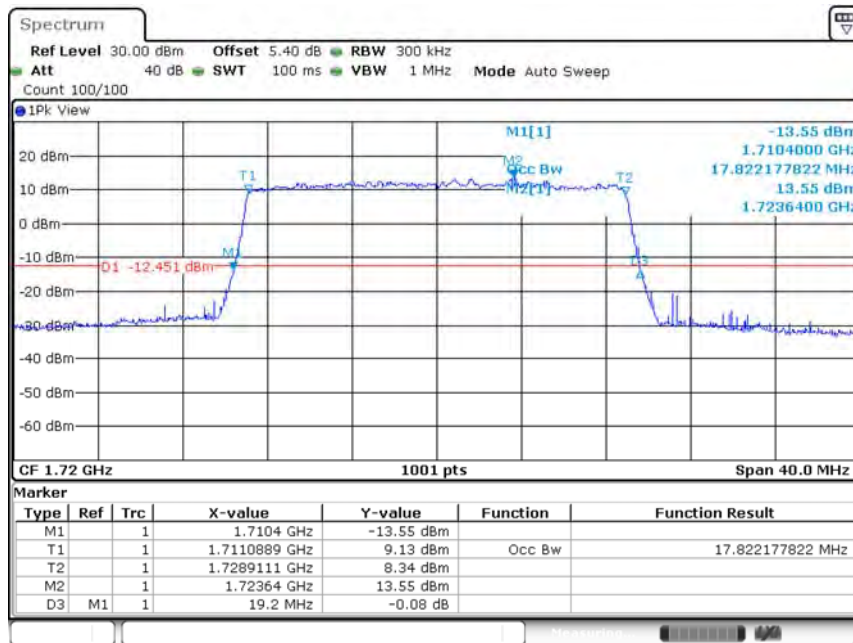


Date: 16 MAY 2021 10:06:05



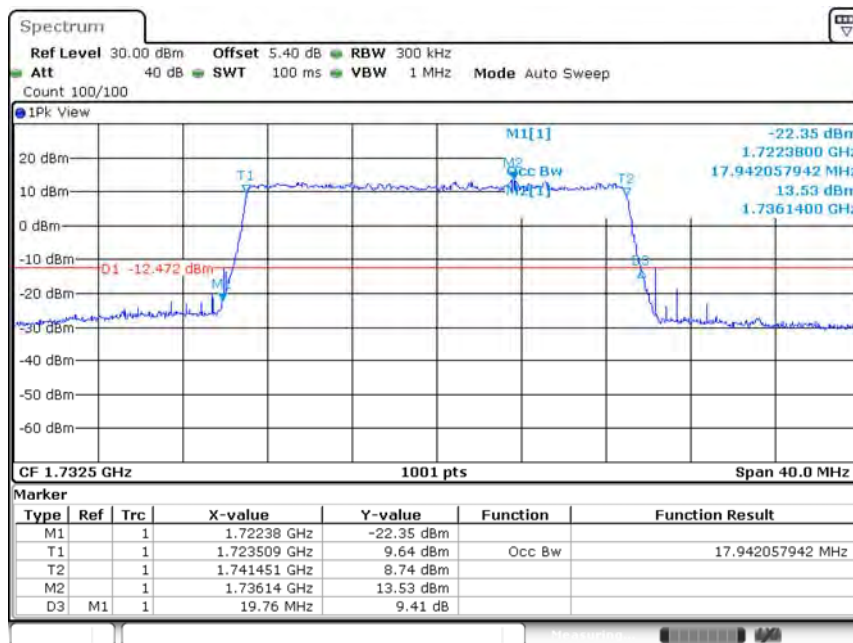
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**Band4-20MHz-256QAM-20050-100RB#0-17.822**



Date: 5.MAY.2021 02:37:45

**Band4-20MHz-256QAM-20175-100RB#0-17.942**

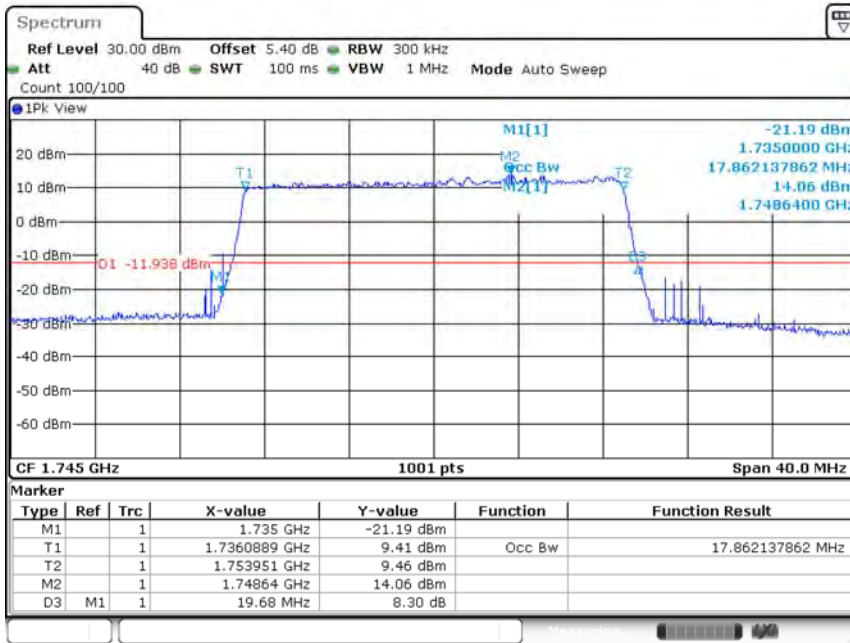


Date: 5.MAY.2021 02:38:04



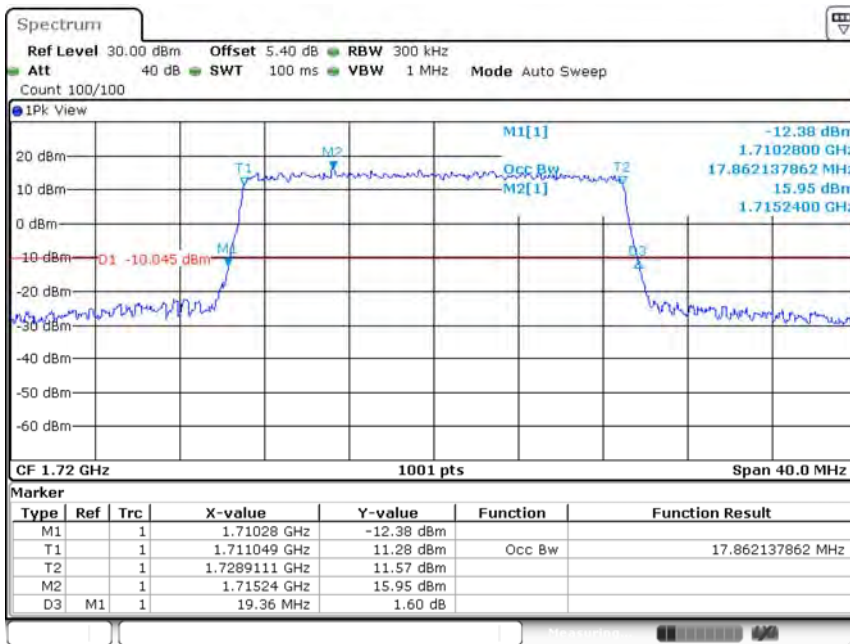
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**Band4-20MHz-256QAM-20300-100RB#0-17.862**



Date: 5.MAY.2021 02:38:24

**Band4-20MHz-16QAM-20050-100RB#0-17.862**

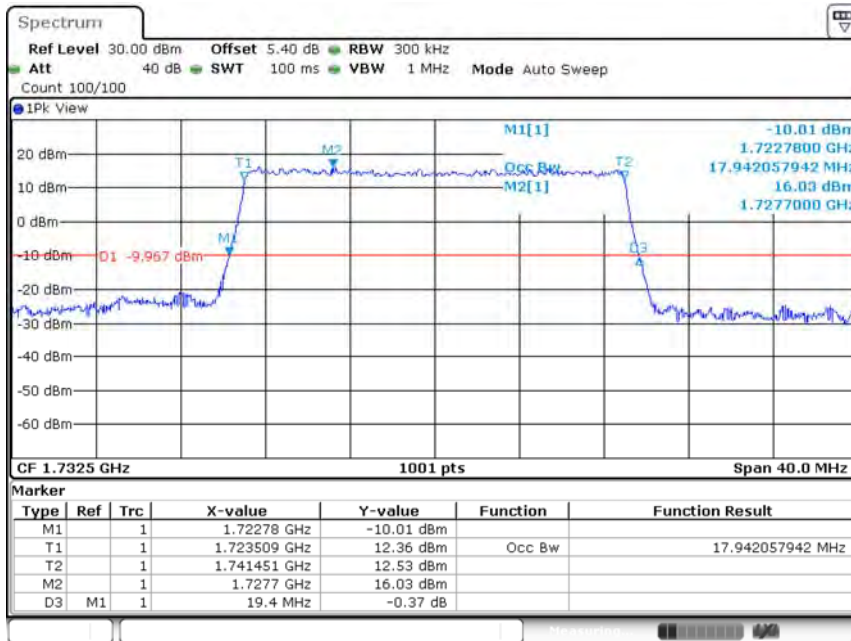


Date: 12.MAY.2021 00:26:33



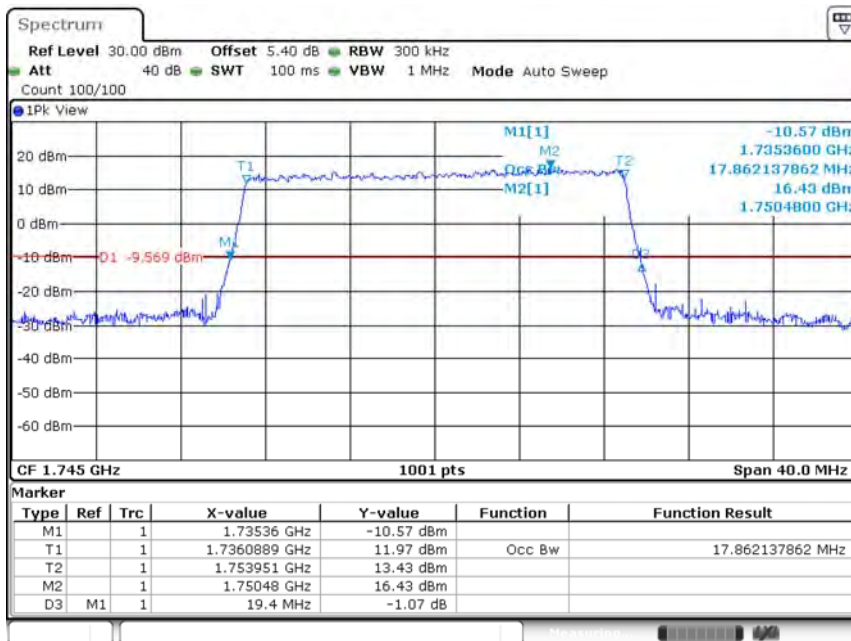
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**Band4-20MHz-16QAM-20175-100RB#0-17.942**



Date: 12.MAY.2021 00:27:12

**Band4-20MHz-16QAM-20300-100RB#0-17.862**



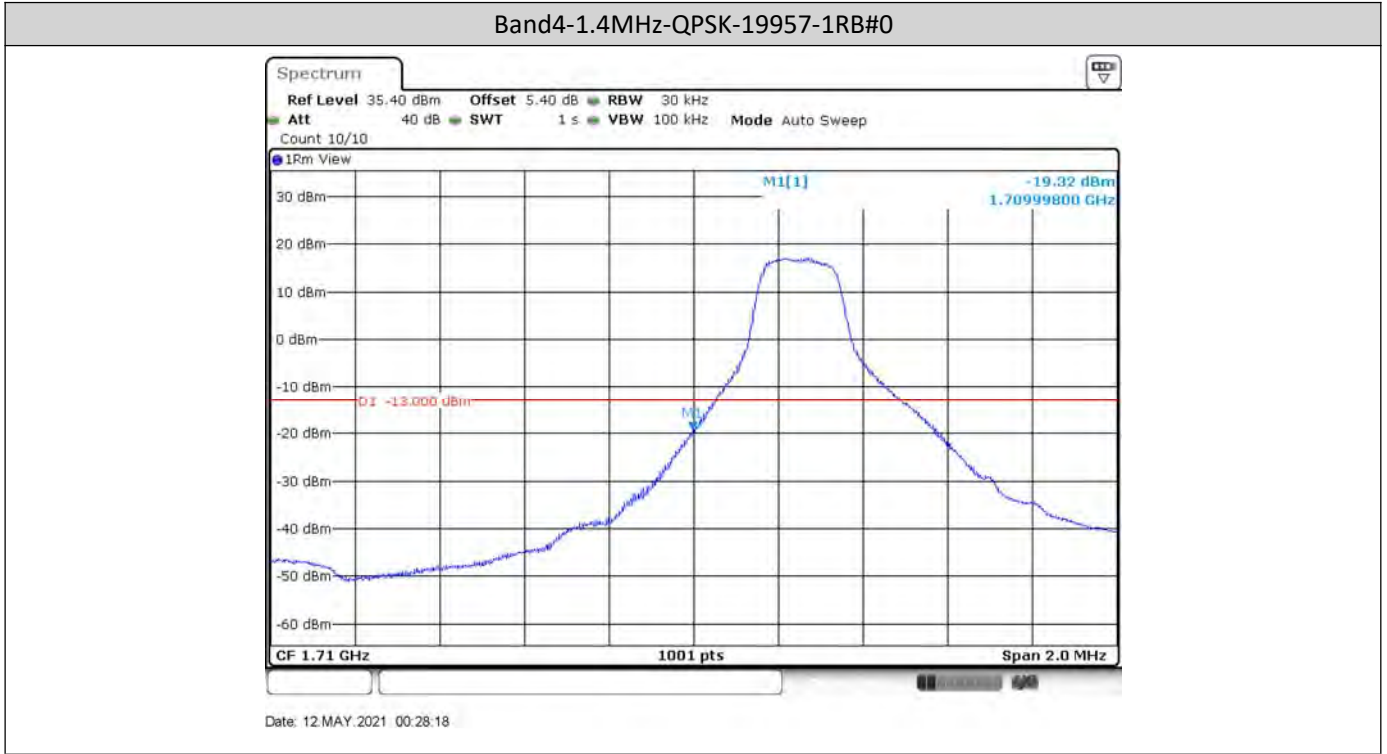
Date: 12.MAY.2021 00:27:52



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## 5. Band Edge Compliance

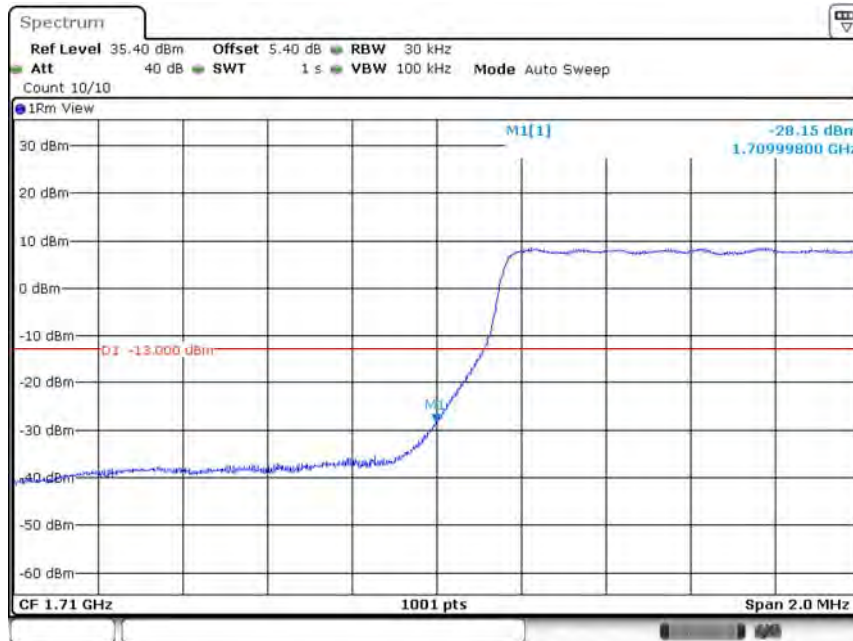
### 5.1. Test Plots



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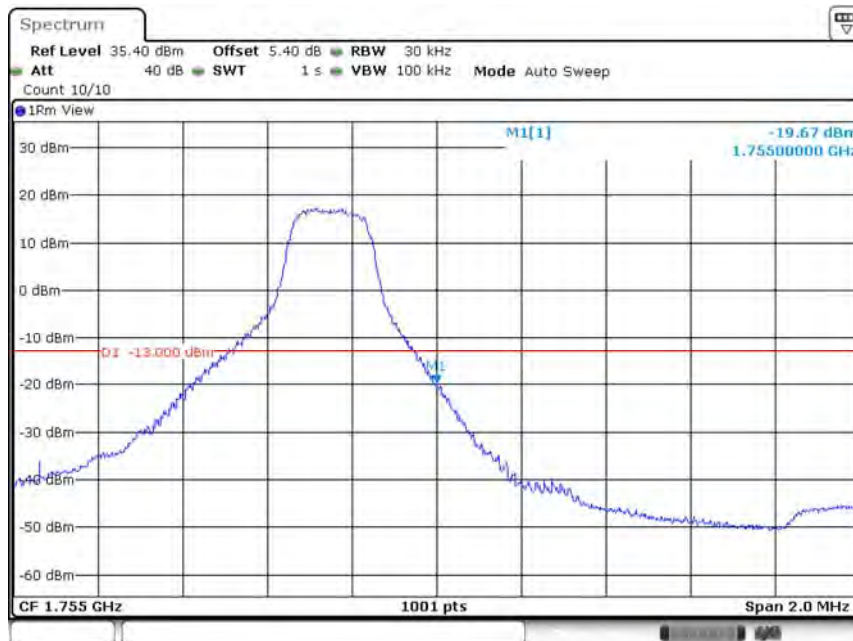
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**Band4-1.4MHz-QPSK-19957-6RB#0**



Date: 12.MAY.2021 00:28:59

**Band4-1.4MHz-QPSK-20393-1RB#5**

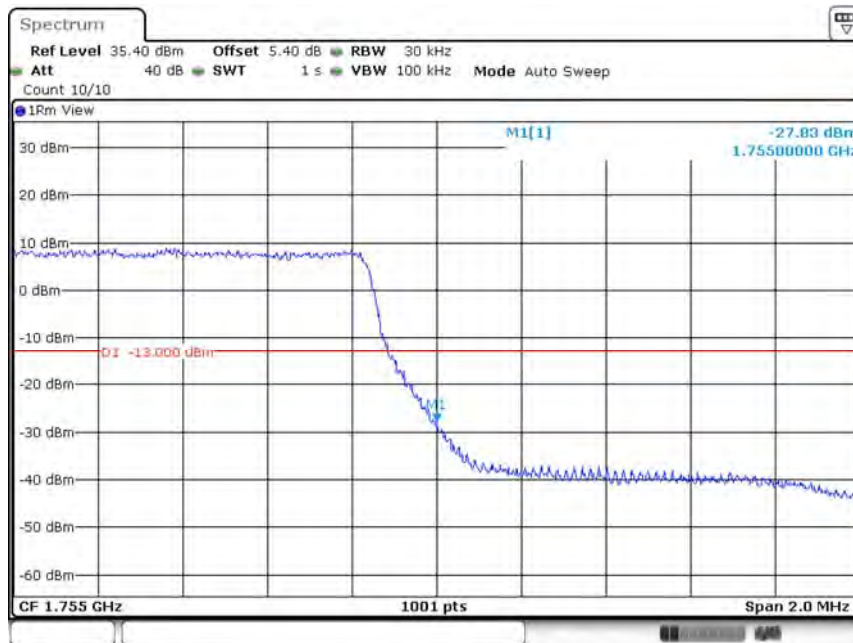


Date: 12.MAY.2021 00:29:45



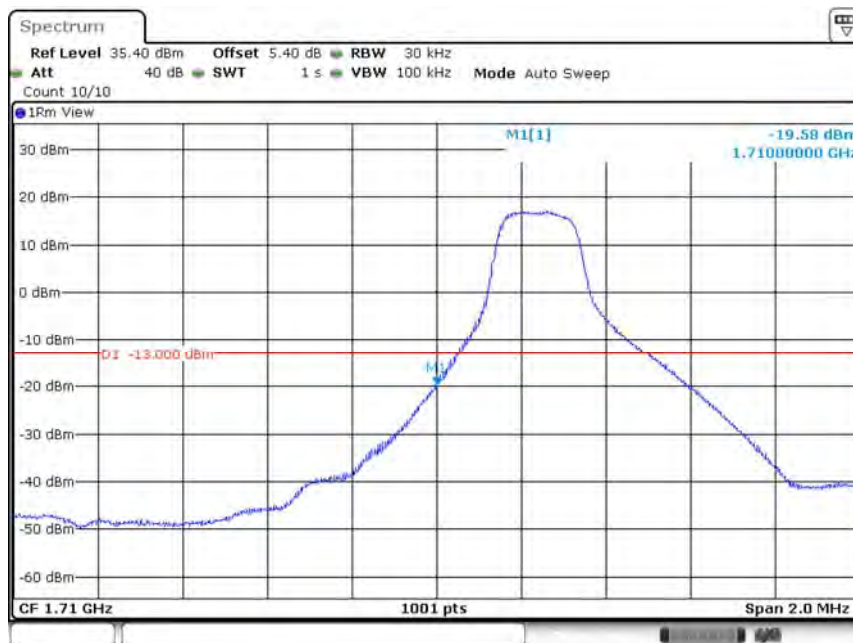
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**Band4-1.4MHz-QPSK-20393-6RB#0**



Date: 12.MAY.2021 00:30:26

**Band4-3MHz-QPSK-19965-1RB#0**



Date: 12.MAY.2021 00:31:13



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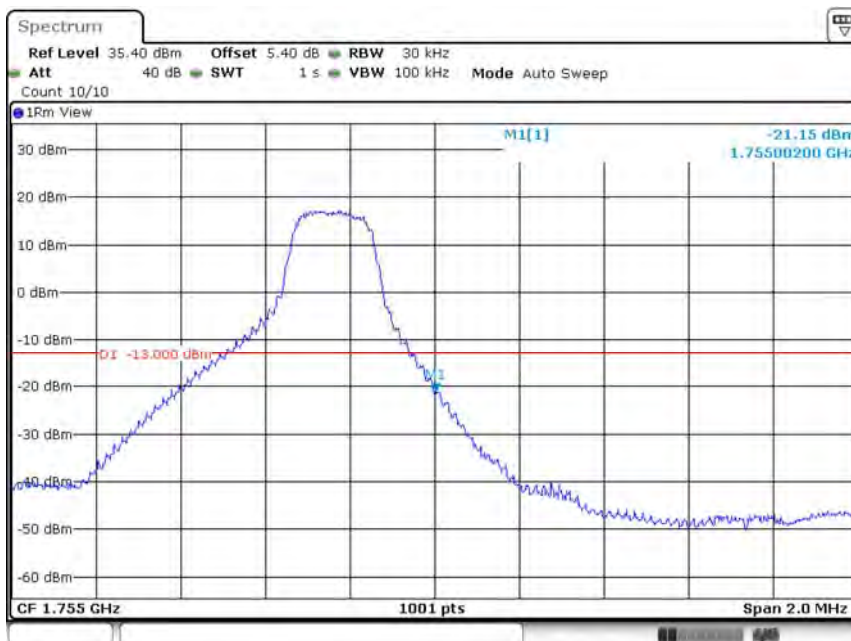


**Band4-3MHz-QPSK-19965-15RB#0**



Date: 12.MAY.2021 00:31:54

**Band4-3MHz-QPSK-20385-1RB#14**



Date: 12.MAY.2021 00:32:39



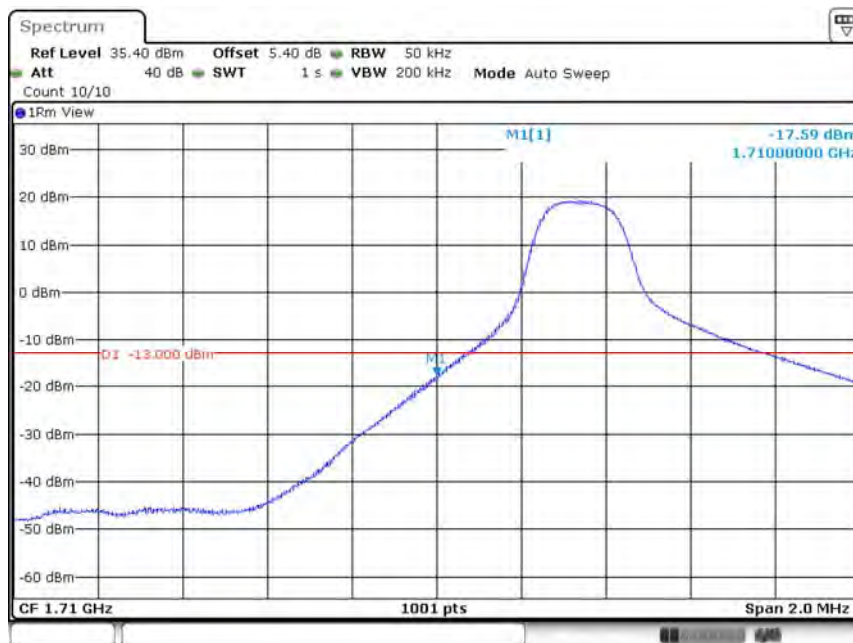
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**Band4-3MHz-QPSK-20385-15RB#0**



Date: 12 MAY 2021 00:33:20

**Band4-5MHz-QPSK-19975-1RB#0**

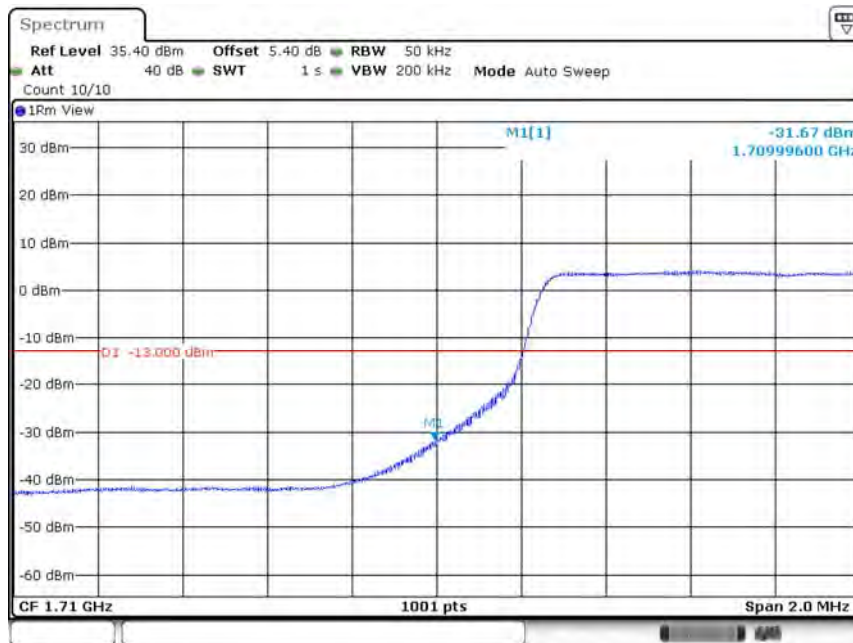


Date: 12 MAY 2021 00:34:07



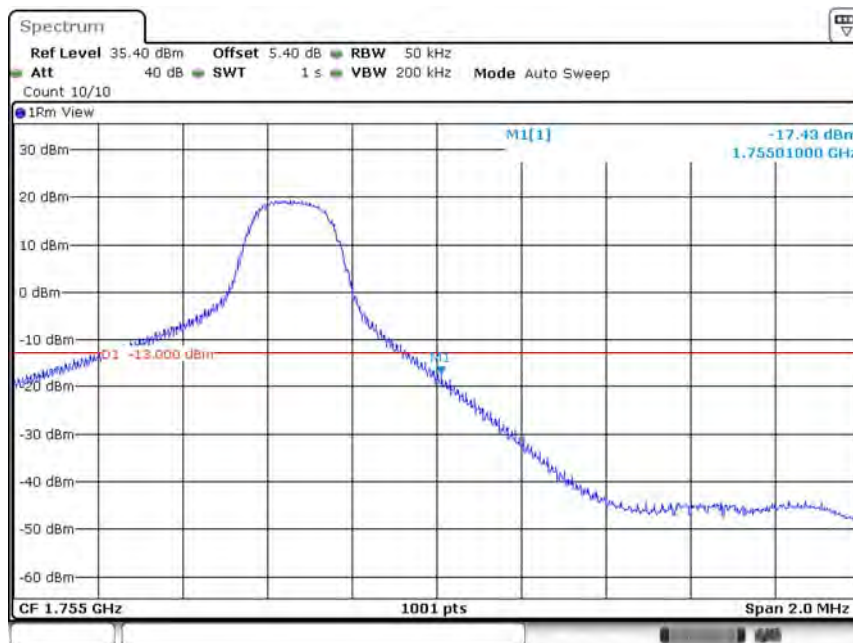
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**Band4-5MHz-QPSK-19975-25RB#0**



Date: 12.MAY.2021 00:34:48

**Band4-5MHz-QPSK-20375-1RB#24**

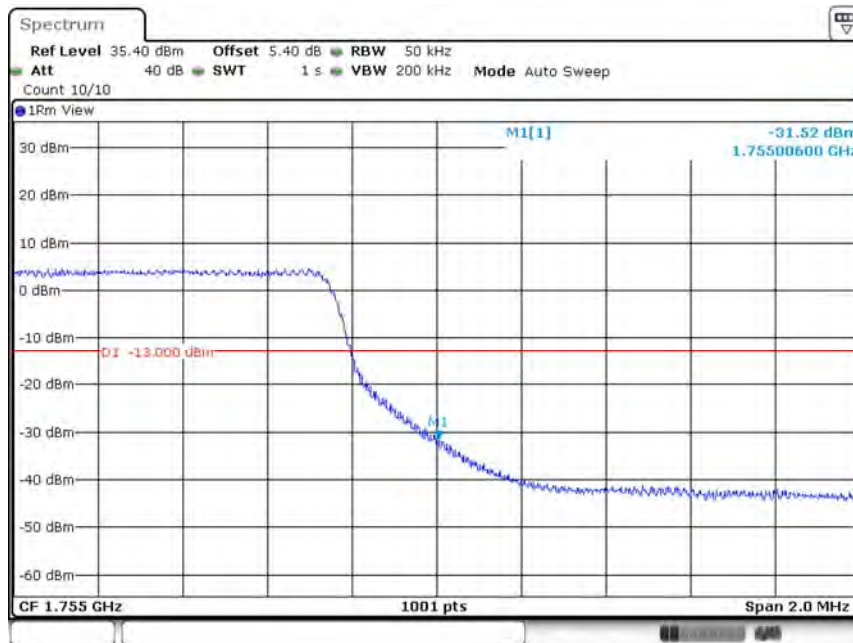


Date: 12.MAY.2021 00:35:33



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**Band4-5MHz-QPSK-20375-25RB#0**



Date: 12.MAY.2021 00:36:14

**Band4-10MHz-QPSK-20000-1RB#0**



Date: 12.MAY.2021 00:37:01



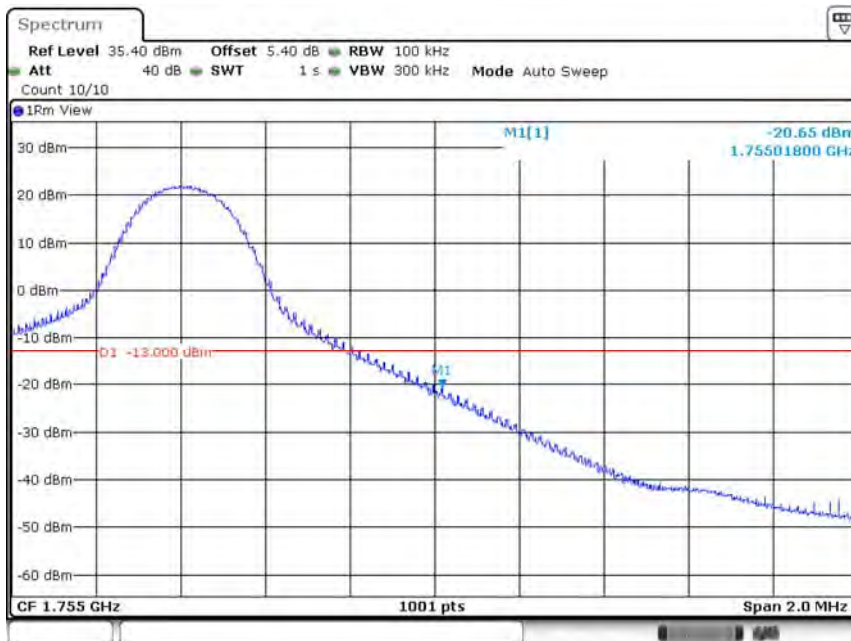
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**Band4-10MHz-QPSK-20000-50RB#0**



Date: 12.MAY.2021 00:37:42

**Band4-10MHz-QPSK-20350-1RB#49**

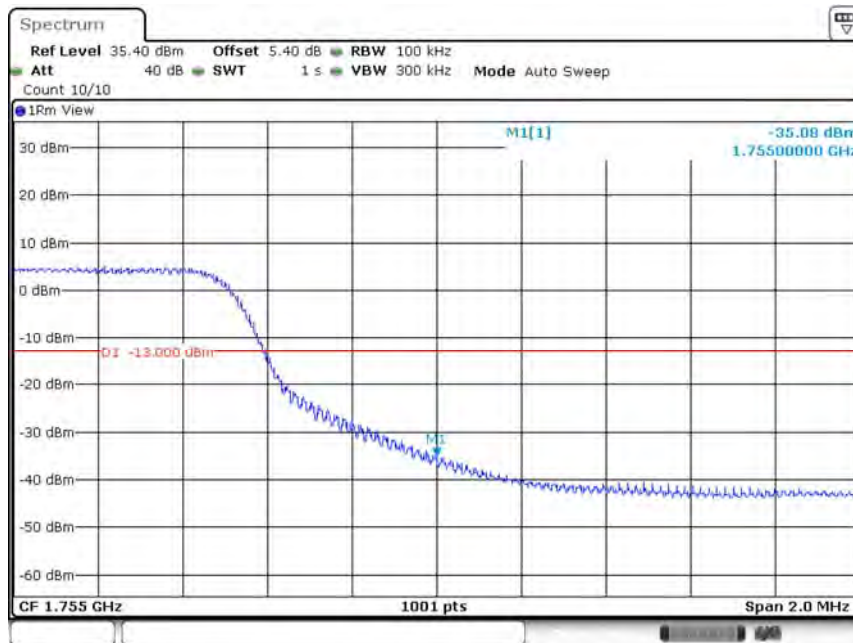


Date: 12.MAY.2021 00:38:27



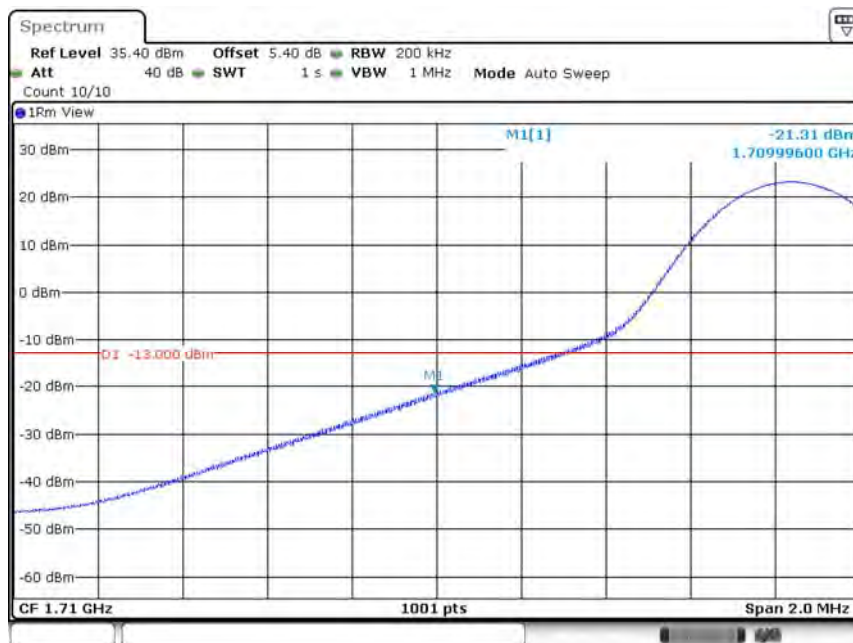
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**Band4-10MHz-QPSK-20350-50RB#0**



Date: 12.MAY.2021 00:39:08

**Band4-15MHz-QPSK-20025-1RB#0**



Date: 12.MAY.2021 00:39:55



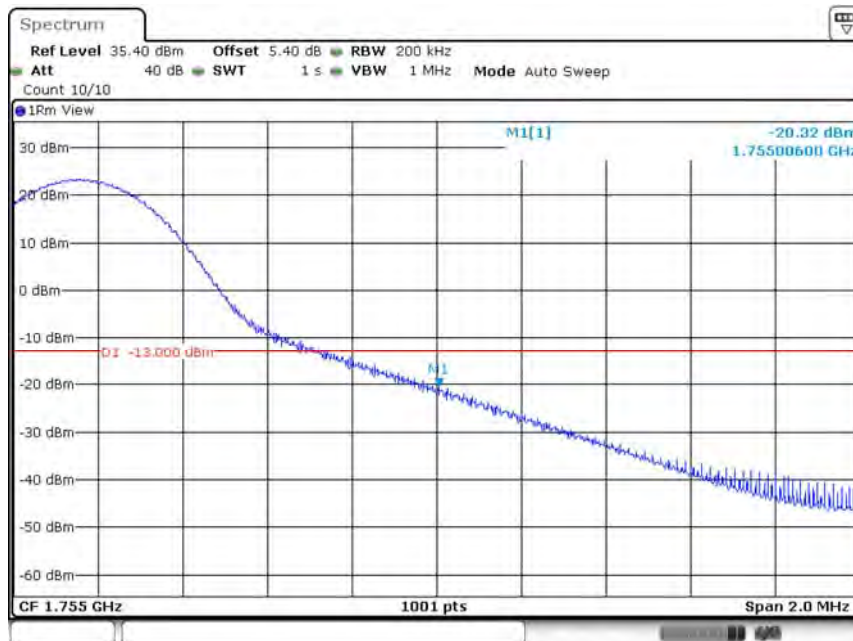
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**Band4-15MHz-QPSK-20025-75RB#0**



Date: 12.MAY.2021 00:40:36

**Band4-15MHz-QPSK-20325-1RB#74**

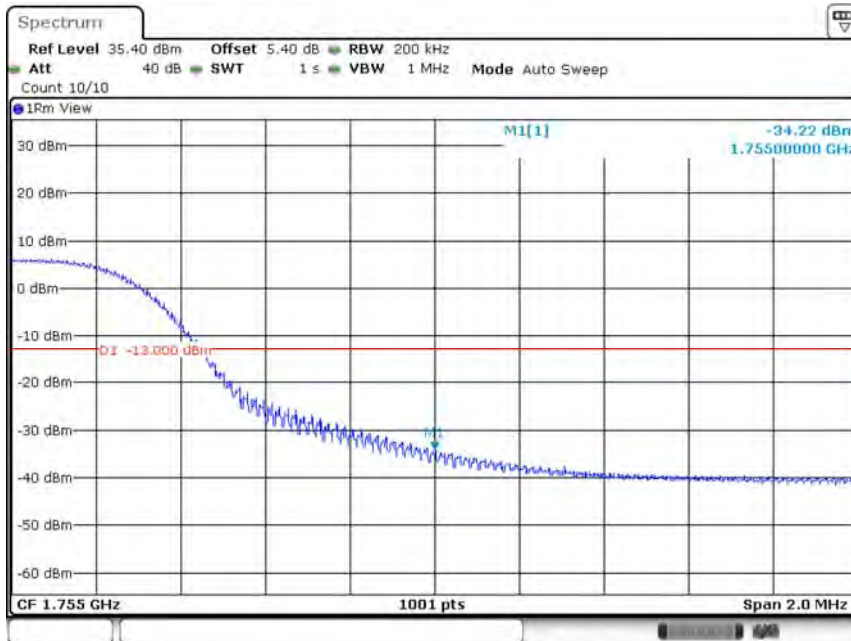


Date: 12.MAY.2021 00:41:21



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**Band4-15MHz-QPSK-20325-75RB#0**



Date: 12.MAY.2021 00:42:02

**Band4-20MHz-QPSK-20050-1RB#0**



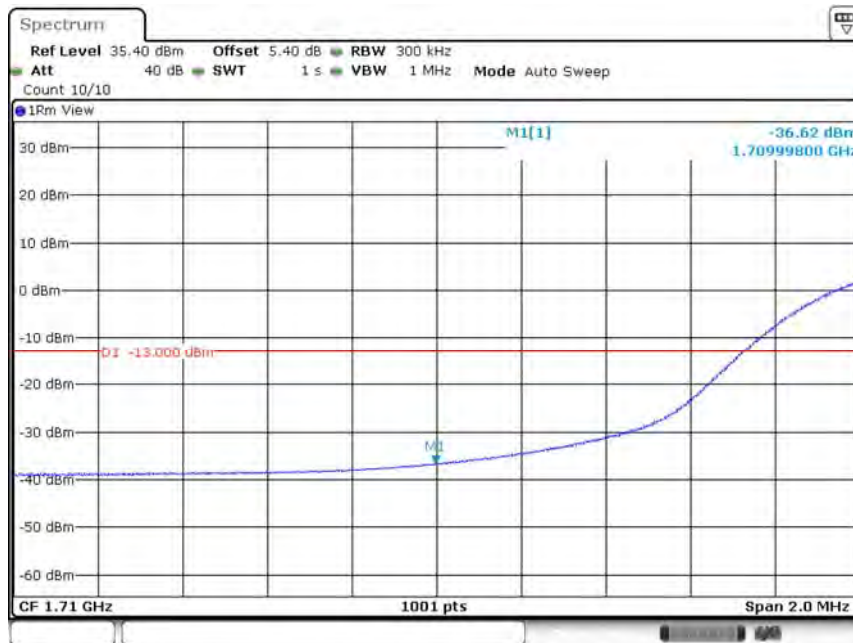
Date: 12.MAY.2021 00:42:48



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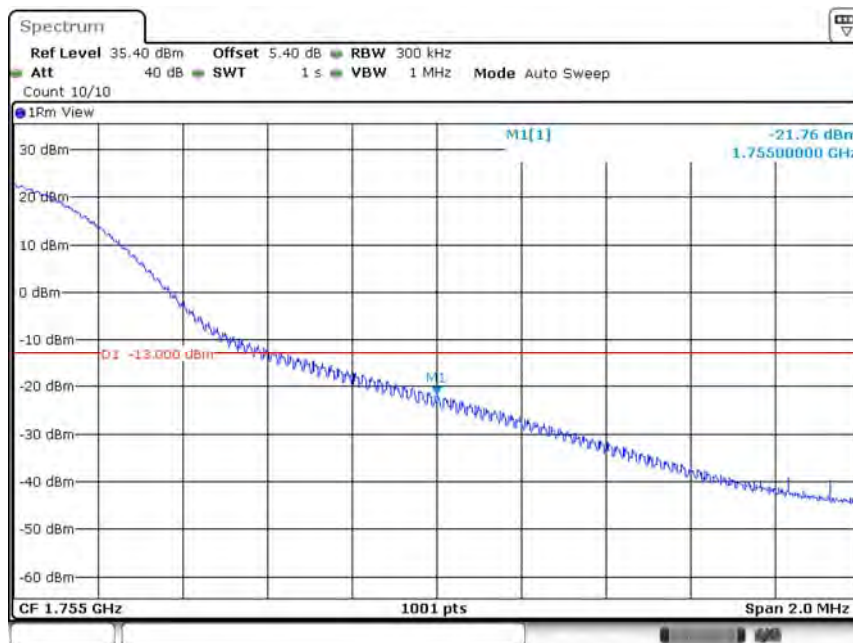


**Band4-20MHz-QPSK-20050-100RB#0**



Date: 12.MAY.2021 00:43:29

**Band4-20MHz-QPSK-20300-1RB#99**



Date: 12.MAY.2021 00:44:15



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Band4-20MHz-QPSK-20300-100RB#0



Date: 12.MAY.2021 00:44:56



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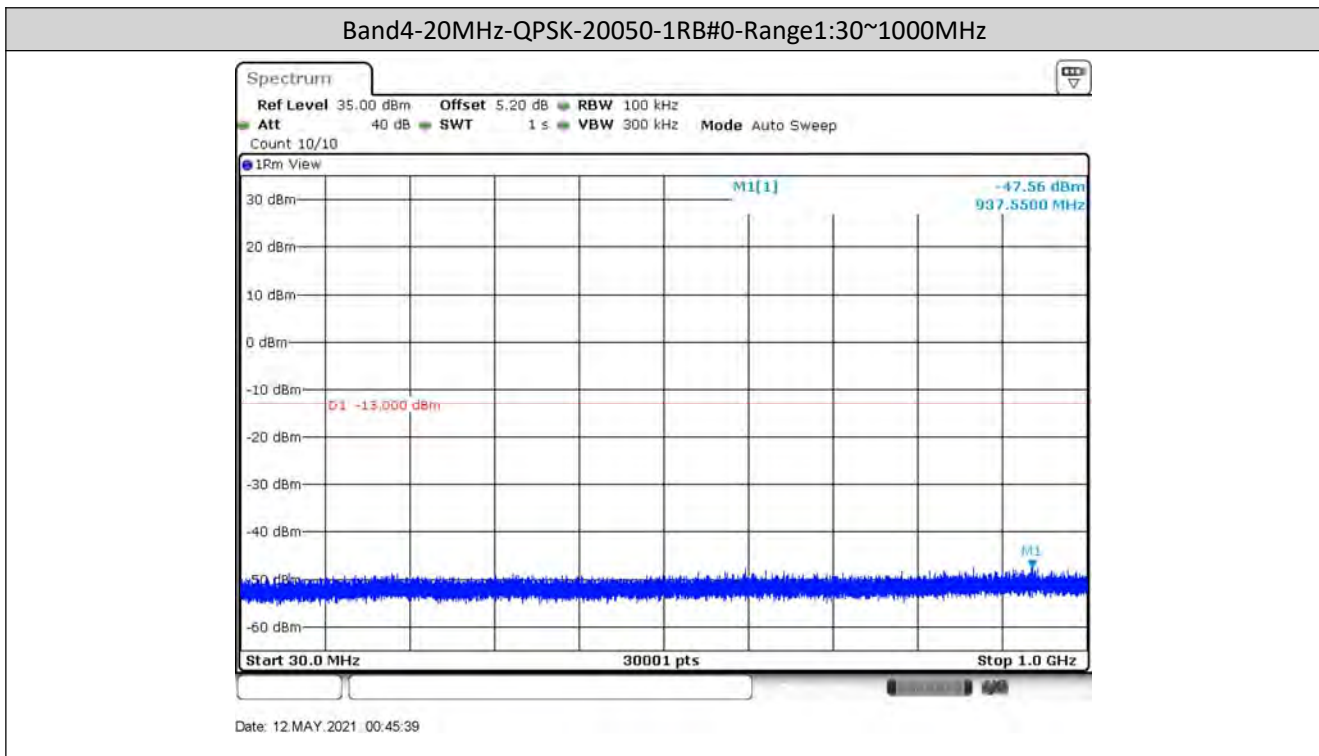
## 6. Spurious Emission at Antenna Terminal

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: 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.

Remark3: 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 had been displayed.

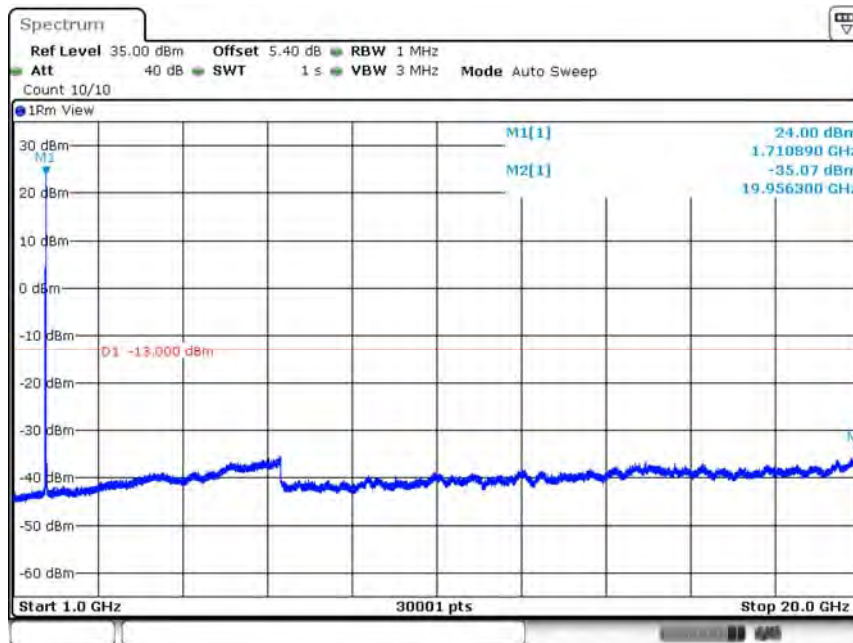
### 6.1. Test Plots



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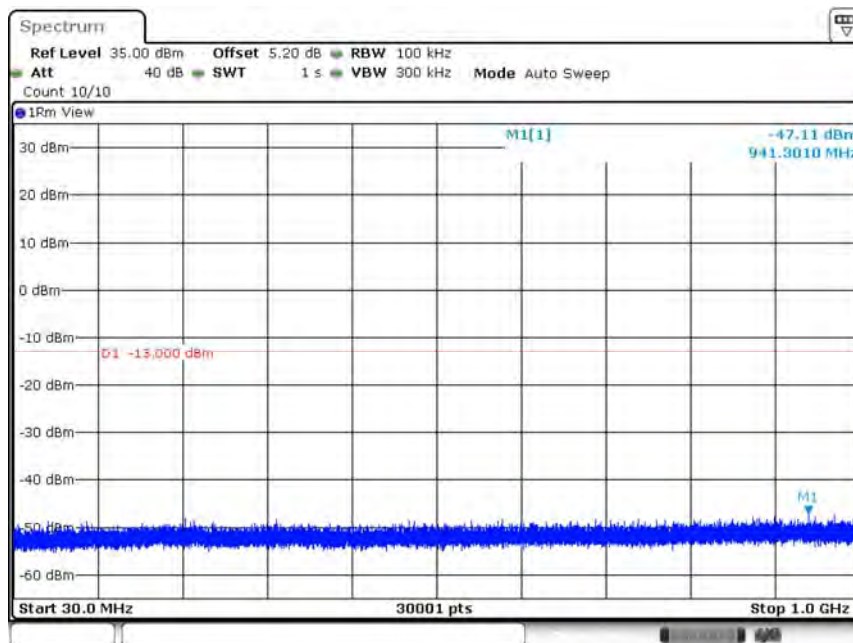
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**Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz**



Date: 12.MAY.2021 00:45:56

**Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz**



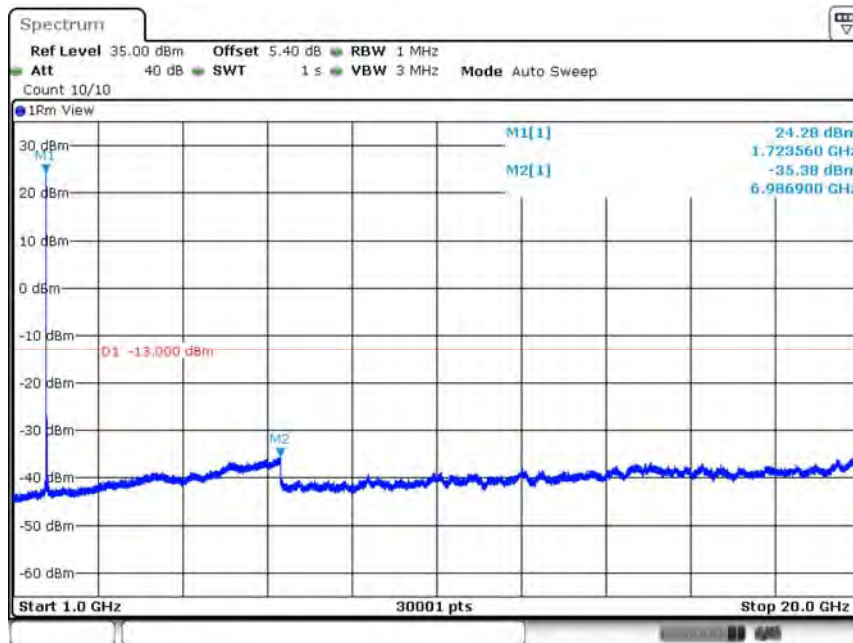
Date: 12.MAY.2021 00:46:49



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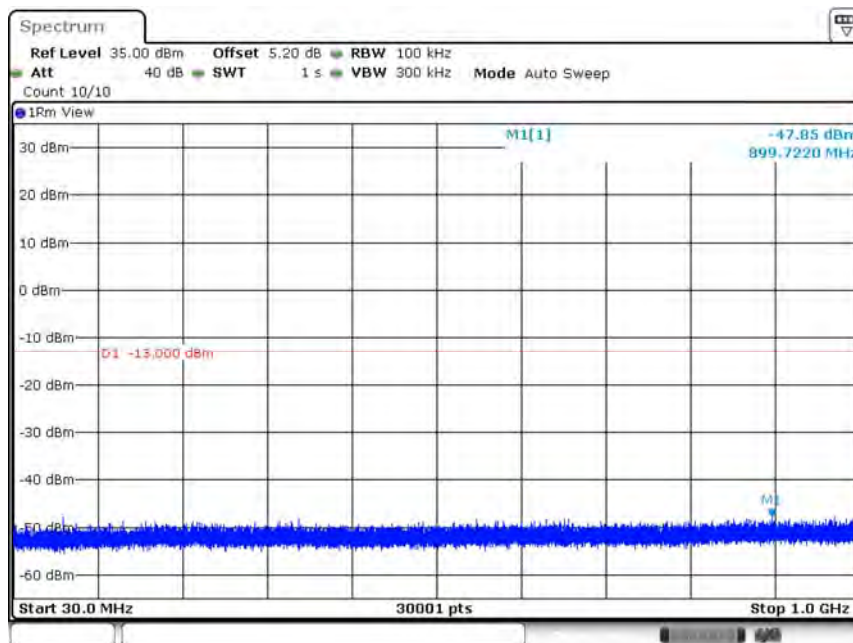
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**Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz**



Date: 12.MAY.2021 00:47:06

**Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz**

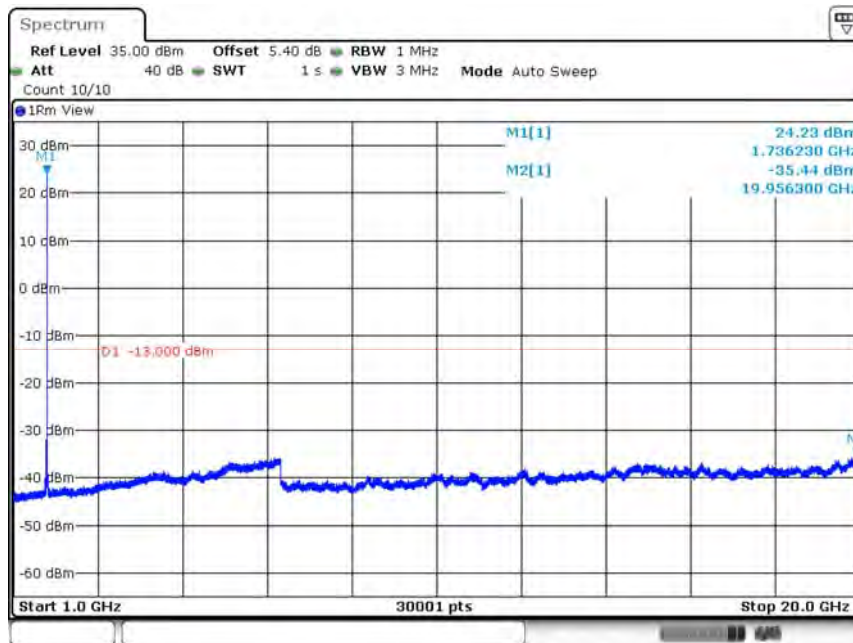


Date: 12.MAY.2021 00:48:00



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Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 12.MAY.2021 00:48:16



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = Band 4

#### 7.1.1. Test Channel = Low Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1532.1266	27.39	-42.54	-13.00	29.54	Horizontal
2	2995.0998	30.12	-34.49	-13.00	21.49	Horizontal
3	4278.8139	51.25	-61.51	-13.00	48.51	Horizontal
4	5658.1329	49.20	-58.11	-13.00	45.11	Horizontal
5	10437.371	45.91	-51.29	-13.00	38.29	Horizontal
6	17986.499	47.10	-46.50	-13.00	33.50	Horizontal



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**7.2. Test Band = Band 4**

**7.2.1. Test Channel = Low Channel**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1259.6130	27.23	-43.10	-13.00	30.10	Vertical
2	2656.6828	30.43	-35.73	-13.00	22.73	Vertical
3	4531.5766	52.65	-59.18	-13.00	46.18	Vertical
4	7968.9985	50.45	-51.49	-13.00	38.49	Vertical
5	13358.767	45.51	-47.24	-13.00	34.24	Vertical
6	17951.997	46.20	-46.68	-13.00	33.68	Vertical



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**7.3. Test Band = Band 4**

**7.3.1. Test Channel = Mid Channel**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1172.1086	27.30	-43.00	-13.00	30.00	Horizontal
2	1723.6362	100.45	30.30	-13.00	-43.30	Horizontal
3	2636.0818	30.33	-35.96	-13.00	22.96	Horizontal
4	3974.2987	51.22	-62.51	-13.00	49.51	Horizontal
5	6530.4265	48.14	-56.85	-13.00	43.85	Horizontal
6	17987.249	47.46	-46.15	-13.00	33.15	Horizontal



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**7.4. Test Band = Band 4**

**7.4.1. Test Channel = Mid Channel**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1555.7278	27.76	-42.53	-13.00	29.53	Vertical
2	2998.0999	29.34	-35.17	-13.00	22.17	Vertical
3	4480.5740	51.39	-60.45	-13.00	47.45	Vertical
4	5571.8786	49.33	-58.58	-13.00	45.58	Vertical
5	12430.971	45.06	-48.85	-13.00	35.85	Vertical
6	17997.749	47.43	-46.40	-13.00	33.40	Vertical



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**7.5. Test Band = Band 4**

**7.5.1. Test Channel = High Channel**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1265.4133	27.57	-42.93	-13.00	29.93	Horizontal
2	2748.2874	29.85	-35.89	-13.00	22.89	Horizontal
3	4317.8159	51.12	-61.68	-13.00	48.68	Horizontal
4	6339.1670	48.14	-57.71	-13.00	44.71	Horizontal
5	9965.5983	46.29	-51.92	-13.00	38.92	Horizontal
6	17926.496	46.79	-46.12	-13.00	33.12	Horizontal



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**7.6. Test Band = Band 4**

**7.6.1. Test Channel = High Channel**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.2203	29.23	-41.13	-13.00	28.13	Vertical
2	2680.2840	29.85	-36.20	-13.00	23.20	Vertical
3	4843.5922	51.53	-58.94	-13.00	45.94	Vertical
4	7968.9985	50.23	-51.71	-13.00	38.71	Vertical
5	11219.6610	46.24	-49.49	-13.00	36.49	Vertical
6	17928.746	46.64	-46.26	-13.00	33.26	Vertical

Remark:

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



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-1.80	-0.001047	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	0.50	0.000291	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-2.80	-0.001616	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	4.20	0.002424	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-5.90	-0.003405	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-5.40	-0.003095	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-0.50	-0.000287	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	6.10	0.003496	±2.5	PASS



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## 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	4.40	0.002558	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	3.40	0.001977	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	6.20	0.003605	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	4.10	0.002384	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	6.10	0.003547	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	2.80	0.001628	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	1.90	0.001105	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	3.50	0.002035	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	7.20	0.004156	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	3.30	0.001905	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	7.70	0.004444	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-0.40	-0.000231	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	4.50	0.002597	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-1.60	-0.000924	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-0.60	-0.000346	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	2.50	0.001443	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	4.20	0.002407	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	3.40	0.001948	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	6.00	0.003438	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	5.50	0.003152	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	6.50	0.003725	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	1.30	0.000745	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-2.40	-0.001375	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	11.80	0.006762	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	6.20	0.003553	±2.5	PASS



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