Appendix B

E-UTRA Band 25

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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 4

1.1. TEST RESULT 4

2. PEAK-TO-AVERAGE RATIO (CCDF) 16

2.1. TEST RESULT 16

2.2. TEST PLOTS 16

3. MODULATION CHARACTERISTICS 21

3.1. TEST MODE = LTE /TM1 20MHZ 21

3.1.1. TEST CHANNEL = MCH 21

3.2. TEST MODE = LTE /TM2 20MHZ 22

3.2.1. TEST CHANNEL = MCH 22

3.3. TEST MODE = LTE /TM3 20MHZ 23

3.3.1. TEST CHANNEL = MCH 23

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH 24

4.1. TEST RESULT 24

4.2. TEST PLOTS 26

5. BAND EDGE COMPLIANCE 53

5.1. TEST PLOTS 53

6. SPURIOUS EMISSION AT ANTENNA TERMINAL 90

6.1. TEST PLOTS 90

7. FIELD STRENGTH OF SPURIOUS RADIATION 100

7.1. TEST MODE =LTE_B25 TM1 20MHZ 100

7.1.1. TEST CHANNEL = LCH_HORIZONTAL 100

7.1.2. TEST CHANNEL = LCH_VERTICAL 100

7.1.3. TEST CHANNEL = MCH_HORIZONTAL 101

7.1.4. TEST CHANNEL = MCH_VERTICAL 101

7.1.5. TEST CHANNEL = HCH_HORIZONTAL 102

7.1.6. TEST CHANNEL = HCH_VERTICAL 102

8. FREQUENCY STABILITY 103

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8.1. FREQUENCY VS VOLTAGE 103

8.2. FREQUENCY VS TEMPERATURE 103

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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
Band25	1.4MHz	QPSK	26047	1RB#2	21.29	22.62	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	21.36	22.69	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	21.11	22.44	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	21.25	22.58	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	21.19	22.52	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	21.19	22.52	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	20.16	21.49	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	21.56	22.89	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	21.71	23.04	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	21.43	22.76	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	21.59	22.92	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	21.66	22.99	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	21.78	23.11	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	20.58	21.91	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	21.41	22.74	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	21.47	22.80	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	21.51	22.84	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	21.55	22.88	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	21.60	22.93	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	21.69	23.02	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	20.59	21.92	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	20.30	21.63	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	20.55	21.88	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	20.84	22.17	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	20.38	21.71	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	20.07	21.40	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	20.27	21.60	33	PASS

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Band25	1.4MHz	16QAM	26047	6RB#0	19.25	20.58	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	20.82	22.15	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	20.74	22.07	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	20.87	22.20	33	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	20.66	21.99	33	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	20.69	22.02	33	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	20.59	21.92	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	19.75	21.08	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	20.90	22.23	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	20.88	22.21	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	20.74	22.07	33	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	20.67	22.00	33	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	20.64	21.97	33	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	20.65	21.98	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	19.64	20.97	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#5	19.29	20.62	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#2	19.62	20.95	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	19.79	21.12	33	PASS
Band25	1.4MHz	64QAM	26047	3RB#0	19.28	20.61	33	PASS
Band25	1.4MHz	64QAM	26047	3RB#1	19.07	20.40	33	PASS
Band25	1.4MHz	64QAM	26047	3RB#3	19.18	20.51	33	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	18.18	19.51	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#5	19.86	21.19	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#0	19.79	21.12	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#2	19.94	21.27	33	PASS
Band25	1.4MHz	64QAM	26365	3RB#0	19.73	21.06	33	PASS
Band25	1.4MHz	64QAM	26365	3RB#1	19.70	21.03	33	PASS
Band25	1.4MHz	64QAM	26365	3RB#3	19.53	20.86	33	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	18.68	20.01	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	19.91	21.24	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	19.79	21.12	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#2	19.82	21.15	33	PASS
Band25	1.4MHz	64QAM	26683	3RB#0	19.57	20.90	33	PASS

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Band25	1.4MHz	64QAM	26683	3RB#1	19.62	20.95	33	PASS
Band25	1.4MHz	64QAM	26683	3RB#3	19.70	21.03	33	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	18.60	19.93	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	21.32	22.65	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	21.37	22.70	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	21.29	22.62	33	PASS
Band25	3MHz	QPSK	26055	8RB#7	20.22	21.55	33	PASS
Band25	3MHz	QPSK	26055	8RB#0	20.42	21.75	33	PASS
Band25	3MHz	QPSK	26055	8RB#4	20.27	21.60	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	20.43	21.76	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	21.48	22.81	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	21.54	22.87	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	21.48	22.81	33	PASS
Band25	3MHz	QPSK	26365	8RB#4	20.44	21.77	33	PASS
Band25	3MHz	QPSK	26365	8RB#7	20.52	21.85	33	PASS
Band25	3MHz	QPSK	26365	8RB#0	20.43	21.76	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	20.33	21.66	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	21.51	22.84	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	21.67	23.00	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	21.63	22.96	33	PASS
Band25	3MHz	QPSK	26675	8RB#7	20.71	22.04	33	PASS
Band25	3MHz	QPSK	26675	8RB#4	20.72	22.05	33	PASS
Band25	3MHz	QPSK	26675	8RB#0	20.69	22.02	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	20.63	21.96	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	20.53	21.86	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	20.89	22.22	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	20.90	22.23	33	PASS
Band25	3MHz	16QAM	26055	8RB#0	19.16	20.49	33	PASS
Band25	3MHz	16QAM	26055	8RB#4	19.51	20.84	33	PASS
Band25	3MHz	16QAM	26055	8RB#7	19.42	20.75	33	PASS
Band25	3MHz	16QAM	26055	15RB#0	19.30	20.63	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	20.98	22.31	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	20.78	22.11	33	PASS

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Band25	3MHz	16QAM	26365	1RB#8	20.75	22.08	33	PASS
Band25	3MHz	16QAM	26365	8RB#0	19.51	20.84	33	PASS
Band25	3MHz	16QAM	26365	8RB#7	19.56	20.89	33	PASS
Band25	3MHz	16QAM	26365	8RB#4	19.30	20.63	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	19.39	20.72	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	20.81	22.14	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	20.88	22.21	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	20.71	22.04	33	PASS
Band25	3MHz	16QAM	26675	8RB#7	19.57	20.90	33	PASS
Band25	3MHz	16QAM	26675	8RB#0	19.75	21.08	33	PASS
Band25	3MHz	16QAM	26675	8RB#4	19.62	20.95	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	19.55	20.88	33	PASS
Band25	3MHz	64QAM	26055	1RB#0	19.49	20.82	33	PASS
Band25	3MHz	64QAM	26055	1RB#8	19.91	21.24	33	PASS
Band25	3MHz	64QAM	26055	1RB#14	19.90	21.23	33	PASS
Band25	3MHz	64QAM	26055	8RB#7	18.11	19.44	33	PASS
Band25	3MHz	64QAM	26055	8RB#0	18.60	19.93	33	PASS
Band25	3MHz	64QAM	26055	8RB#4	18.38	19.71	33	PASS
Band25	3MHz	64QAM	26055	15RB#0	18.38	19.71	33	PASS
Band25	3MHz	64QAM	26365	1RB#14	19.95	21.28	33	PASS
Band25	3MHz	64QAM	26365	1RB#8	19.87	21.20	33	PASS
Band25	3MHz	64QAM	26365	1RB#0	19.84	21.17	33	PASS
Band25	3MHz	64QAM	26365	8RB#4	18.42	19.75	33	PASS
Band25	3MHz	64QAM	26365	8RB#0	18.47	19.80	33	PASS
Band25	3MHz	64QAM	26365	8RB#7	18.38	19.71	33	PASS
Band25	3MHz	64QAM	26365	15RB#0	18.49	19.82	33	PASS
Band25	3MHz	64QAM	26675	1RB#0	19.77	21.10	33	PASS
Band25	3MHz	64QAM	26675	1RB#8	19.71	21.04	33	PASS
Band25	3MHz	64QAM	26675	1RB#14	19.65	20.98	33	PASS
Band25	3MHz	64QAM	26675	8RB#0	18.64	19.97	33	PASS
Band25	3MHz	64QAM	26675	8RB#4	18.71	20.04	33	PASS
Band25	3MHz	64QAM	26675	8RB#7	18.71	20.04	33	PASS
Band25	3MHz	64QAM	26675	15RB#0	18.59	19.92	33	PASS

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Band25	5MHz	QPSK	26065	1RB#12	21.40	22.73	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	21.20	22.53	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	21.41	22.74	33	PASS
Band25	5MHz	QPSK	26065	12RB#13	20.40	21.73	33	PASS
Band25	5MHz	QPSK	26065	12RB#6	20.27	21.60	33	PASS
Band25	5MHz	QPSK	26065	12RB#0	20.24	21.57	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	20.32	21.65	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	21.35	22.68	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	21.44	22.77	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	21.36	22.69	33	PASS
Band25	5MHz	QPSK	26365	12RB#0	20.47	21.80	33	PASS
Band25	5MHz	QPSK	26365	12RB#13	20.58	21.91	33	PASS
Band25	5MHz	QPSK	26365	12RB#6	20.38	21.71	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	20.41	21.74	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	21.71	23.04	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	21.66	22.99	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	21.64	22.97	33	PASS
Band25	5MHz	QPSK	26665	12RB#0	20.53	21.86	33	PASS
Band25	5MHz	QPSK	26665	12RB#6	20.66	21.99	33	PASS
Band25	5MHz	QPSK	26665	12RB#13	20.59	21.92	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	20.63	21.96	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	20.83	22.16	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	20.25	21.58	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	20.54	21.87	33	PASS
Band25	5MHz	16QAM	26065	12RB#0	19.32	20.65	33	PASS
Band25	5MHz	16QAM	26065	12RB#13	19.39	20.72	33	PASS
Band25	5MHz	16QAM	26065	12RB#6	19.31	20.64	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	19.31	20.64	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	20.54	21.87	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	20.46	21.79	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	20.34	21.67	33	PASS
Band25	5MHz	16QAM	26365	12RB#0	19.40	20.73	33	PASS
Band25	5MHz	16QAM	26365	12RB#6	19.49	20.82	33	PASS

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Band25	5MHz	16QAM	26365	12RB#13	19.55	20.88	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	19.58	20.91	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	20.95	22.28	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	20.81	22.14	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	20.91	22.24	33	PASS
Band25	5MHz	16QAM	26665	12RB#13	19.59	20.92	33	PASS
Band25	5MHz	16QAM	26665	12RB#6	19.69	21.02	33	PASS
Band25	5MHz	16QAM	26665	12RB#0	19.65	20.98	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	19.64	20.97	33	PASS
Band25	5MHz	64QAM	26065	1RB#24	19.58	20.91	33	PASS
Band25	5MHz	64QAM	26065	1RB#12	19.94	21.27	33	PASS
Band25	5MHz	64QAM	26065	1RB#0	19.80	21.13	33	PASS
Band25	5MHz	64QAM	26065	12RB#0	18.25	19.58	33	PASS
Band25	5MHz	64QAM	26065	12RB#6	18.53	19.86	33	PASS
Band25	5MHz	64QAM	26065	12RB#13	18.39	19.72	33	PASS
Band25	5MHz	64QAM	26065	25RB#0	18.22	19.55	33	PASS
Band25	5MHz	64QAM	26365	1RB#24	19.56	20.89	33	PASS
Band25	5MHz	64QAM	26365	1RB#12	19.87	21.20	33	PASS
Band25	5MHz	64QAM	26365	1RB#0	19.73	21.06	33	PASS
Band25	5MHz	64QAM	26365	12RB#6	18.44	19.77	33	PASS
Band25	5MHz	64QAM	26365	12RB#0	18.50	19.83	33	PASS
Band25	5MHz	64QAM	26365	12RB#13	18.24	19.57	33	PASS
Band25	5MHz	64QAM	26365	25RB#0	18.49	19.82	33	PASS
Band25	5MHz	64QAM	26665	1RB#24	19.83	21.16	33	PASS
Band25	5MHz	64QAM	26665	1RB#0	19.88	21.21	33	PASS
Band25	5MHz	64QAM	26665	1RB#12	19.67	21.00	33	PASS
Band25	5MHz	64QAM	26665	12RB#0	18.48	19.81	33	PASS
Band25	5MHz	64QAM	26665	12RB#6	18.74	20.07	33	PASS
Band25	5MHz	64QAM	26665	12RB#13	18.69	20.02	33	PASS
Band25	5MHz	64QAM	26665	25RB#0	18.65	19.98	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	21.80	23.13	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	21.49	22.82	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	21.39	22.72	33	PASS

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Band25	10MHz	QPSK	26090	25RB#0	20.43	21.76	33	PASS
Band25	10MHz	QPSK	26090	25RB#12	20.62	21.95	33	PASS
Band25	10MHz	QPSK	26090	25RB#25	20.45	21.78	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	20.39	21.72	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	21.67	23.00	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	21.50	22.83	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	21.53	22.86	33	PASS
Band25	10MHz	QPSK	26365	25RB#12	20.48	21.81	33	PASS
Band25	10MHz	QPSK	26365	25RB#25	20.58	21.91	33	PASS
Band25	10MHz	QPSK	26365	25RB#0	20.34	21.67	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	20.42	21.75	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	21.70	23.03	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	21.69	23.02	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	21.48	22.81	33	PASS
Band25	10MHz	QPSK	26640	25RB#0	20.78	22.11	33	PASS
Band25	10MHz	QPSK	26640	25RB#12	20.61	21.94	33	PASS
Band25	10MHz	QPSK	26640	25RB#25	20.68	22.01	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	20.72	22.05	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	20.79	22.12	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	20.11	21.44	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	20.77	22.10	33	PASS
Band25	10MHz	16QAM	26090	25RB#12	19.50	20.83	33	PASS
Band25	10MHz	16QAM	26090	25RB#0	19.51	20.84	33	PASS
Band25	10MHz	16QAM	26090	25RB#25	19.46	20.79	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	19.48	20.81	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	20.81	22.14	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	20.84	22.17	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	20.80	22.13	33	PASS
Band25	10MHz	16QAM	26365	25RB#0	19.61	20.94	33	PASS
Band25	10MHz	16QAM	26365	25RB#12	19.49	20.82	33	PASS
Band25	10MHz	16QAM	26365	25RB#25	19.69	21.02	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	19.51	20.84	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	20.79	22.12	33	PASS

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Band25	10MHz	16QAM	26640	1RB#24	20.85	22.18	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	20.75	22.08	33	PASS
Band25	10MHz	16QAM	26640	25RB#25	19.57	20.90	33	PASS
Band25	10MHz	16QAM	26640	25RB#0	19.50	20.83	33	PASS
Band25	10MHz	16QAM	26640	25RB#12	19.74	21.07	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	19.57	20.90	33	PASS
Band25	10MHz	64QAM	26090	1RB#49	19.55	20.88	33	PASS
Band25	10MHz	64QAM	26090	1RB#0	19.91	21.24	33	PASS
Band25	10MHz	64QAM	26090	1RB#24	19.90	21.23	33	PASS
Band25	10MHz	64QAM	26090	25RB#25	18.13	19.46	33	PASS
Band25	10MHz	64QAM	26090	25RB#0	18.56	19.89	33	PASS
Band25	10MHz	64QAM	26090	25RB#12	18.35	19.68	33	PASS
Band25	10MHz	64QAM	26090	50RB#0	18.26	19.59	33	PASS
Band25	10MHz	64QAM	26365	1RB#0	19.98	21.31	33	PASS
Band25	10MHz	64QAM	26365	1RB#24	19.87	21.20	33	PASS
Band25	10MHz	64QAM	26365	1RB#49	19.65	20.98	33	PASS
Band25	10MHz	64QAM	26365	25RB#0	18.53	19.86	33	PASS
Band25	10MHz	64QAM	26365	25RB#12	18.65	19.98	33	PASS
Band25	10MHz	64QAM	26365	25RB#25	18.36	19.69	33	PASS
Band25	10MHz	64QAM	26365	50RB#0	18.40	19.73	33	PASS
Band25	10MHz	64QAM	26640	1RB#24	19.90	21.23	33	PASS
Band25	10MHz	64QAM	26640	1RB#49	19.88	21.21	33	PASS
Band25	10MHz	64QAM	26640	1RB#0	19.73	21.06	33	PASS
Band25	10MHz	64QAM	26640	25RB#0	18.57	19.90	33	PASS
Band25	10MHz	64QAM	26640	25RB#12	18.78	20.11	33	PASS
Band25	10MHz	64QAM	26640	25RB#25	18.62	19.95	33	PASS
Band25	10MHz	64QAM	26640	50RB#0	18.58	19.91	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	21.39	22.72	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	21.34	22.67	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	21.40	22.73	33	PASS
Band25	15MHz	QPSK	26115	36RB#39	20.63	21.96	33	PASS
Band25	15MHz	QPSK	26115	36RB#18	20.65	21.98	33	PASS
Band25	15MHz	QPSK	26115	36RB#0	20.57	21.90	33	PASS

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Band25	15MHz	QPSK	26115	75RB#0	20.47	21.80	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	21.41	22.74	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	21.50	22.83	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	21.37	22.70	33	PASS
Band25	15MHz	QPSK	26365	36RB#0	20.42	21.75	33	PASS
Band25	15MHz	QPSK	26365	36RB#39	20.44	21.77	33	PASS
Band25	15MHz	QPSK	26365	36RB#18	20.34	21.67	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	20.41	21.74	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	21.69	23.02	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	21.70	23.03	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	21.65	22.98	33	PASS
Band25	15MHz	QPSK	26615	36RB#39	20.93	22.26	33	PASS
Band25	15MHz	QPSK	26615	36RB#0	20.88	22.21	33	PASS
Band25	15MHz	QPSK	26615	36RB#18	20.68	22.01	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	20.69	22.02	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	20.46	21.79	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	20.65	21.98	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	20.67	22.00	33	PASS
Band25	15MHz	16QAM	26115	36RB#0	19.64	20.97	33	PASS
Band25	15MHz	16QAM	26115	36RB#18	19.48	20.81	33	PASS
Band25	15MHz	16QAM	26115	36RB#39	19.46	20.79	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	19.64	20.97	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	20.98	22.31	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	20.70	22.03	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	20.69	22.02	33	PASS
Band25	15MHz	16QAM	26365	36RB#0	19.45	20.78	33	PASS
Band25	15MHz	16QAM	26365	36RB#18	19.58	20.91	33	PASS
Band25	15MHz	16QAM	26365	36RB#39	19.40	20.73	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	19.44	20.77	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	20.65	21.98	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	20.68	22.01	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	20.78	22.11	33	PASS
Band25	15MHz	16QAM	26615	36RB#0	19.90	21.23	33	PASS

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Band25	15MHz	16QAM	26615	36RB#39	19.72	21.05	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	19.75	21.08	33	PASS
Band25	15MHz	64QAM	26115	1RB#0	19.53	20.86	33	PASS
Band25	15MHz	64QAM	26115	1RB#38	19.93	21.26	33	PASS
Band25	15MHz	64QAM	26115	1RB#74	19.90	21.23	33	PASS
Band25	15MHz	64QAM	26115	36RB#0	18.26	19.59	33	PASS
Band25	15MHz	64QAM	26115	36RB#18	18.43	19.76	33	PASS
Band25	15MHz	64QAM	26115	36RB#39	18.42	19.75	33	PASS
Band25	15MHz	64QAM	26115	75RB#0	18.36	19.69	33	PASS
Band25	15MHz	64QAM	26365	1RB#38	19.91	21.24	33	PASS
Band25	15MHz	64QAM	26365	1RB#74	19.83	21.16	33	PASS
Band25	15MHz	64QAM	26365	1RB#0	19.78	21.11	33	PASS
Band25	15MHz	64QAM	26365	36RB#0	18.59	19.92	33	PASS
Band25	15MHz	64QAM	26365	36RB#18	18.49	19.82	33	PASS
Band25	15MHz	64QAM	26365	36RB#39	18.38	19.71	33	PASS
Band25	15MHz	64QAM	26365	75RB#0	18.31	19.64	33	PASS
Band25	15MHz	64QAM	26615	1RB#0	19.90	21.23	33	PASS
Band25	15MHz	64QAM	26615	1RB#38	19.87	21.20	33	PASS
Band25	15MHz	64QAM	26615	1RB#74	19.76	21.09	33	PASS
Band25	15MHz	64QAM	26615	36RB#39	18.50	19.83	33	PASS
Band25	15MHz	64QAM	26615	36RB#0	18.73	20.06	33	PASS
Band25	15MHz	64QAM	26615	36RB#18	18.71	20.04	33	PASS
Band25	15MHz	64QAM	26615	75RB#0	18.55	19.88	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	21.83	23.16	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	21.48	22.81	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	21.45	22.78	33	PASS
Band25	20MHz	QPSK	26140	50RB#0	20.56	21.89	33	PASS
Band25	20MHz	QPSK	26140	50RB#25	20.59	21.92	33	PASS
Band25	20MHz	QPSK	26140	50RB#50	20.48	21.81	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	20.68	22.01	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	21.65	22.98	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	21.37	22.70	33	PASS

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Band25	20MHz	QPSK	26365	1RB#0	21.30	22.63	33	PASS
Band25	20MHz	QPSK	26365	50RB#25	20.52	21.85	33	PASS
Band25	20MHz	QPSK	26365	50RB#0	20.45	21.78	33	PASS
Band25	20MHz	QPSK	26365	50RB#50	20.31	21.64	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	20.66	21.99	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	21.70	23.03	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	21.48	22.81	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	21.47	22.80	33	PASS
Band25	20MHz	QPSK	26590	50RB#25	20.78	22.11	33	PASS
Band25	20MHz	QPSK	26590	50RB#50	20.65	21.98	33	PASS
Band25	20MHz	QPSK	26590	50RB#0	20.72	22.05	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	20.69	22.02	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	20.96	22.29	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	20.67	22.00	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	21.00	22.33	33	PASS
Band25	20MHz	16QAM	26140	50RB#0	19.67	21.00	33	PASS
Band25	20MHz	16QAM	26140	50RB#25	19.40	20.73	33	PASS
Band25	20MHz	16QAM	26140	50RB#50	19.50	20.83	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	19.41	20.74	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	20.94	22.27	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	20.91	22.24	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	20.95	22.28	33	PASS
Band25	20MHz	16QAM	26365	50RB#25	19.70	21.03	33	PASS
Band25	20MHz	16QAM	26365	50RB#50	19.53	20.86	33	PASS
Band25	20MHz	16QAM	26365	50RB#0	19.32	20.65	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	19.47	20.80	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	20.88	22.21	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	20.84	22.17	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	20.95	22.28	33	PASS
Band25	20MHz	16QAM	26590	50RB#50	19.83	21.16	33	PASS
Band25	20MHz	16QAM	26590	50RB#0	19.84	21.17	33	PASS
Band25	20MHz	16QAM	26590	50RB#25	19.85	21.18	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	19.68	21.01	33	PASS

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Band25	20MHz	64QAM	26140	1RB#99	19.53	20.86	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	19.83	21.16	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	19.99	21.32	33	PASS
Band25	20MHz	64QAM	26140	50RB#0	18.07	19.40	33	PASS
Band25	20MHz	64QAM	26140	50RB#25	18.46	19.79	33	PASS
Band25	20MHz	64QAM	26140	50RB#50	18.46	19.79	33	PASS
Band25	20MHz	64QAM	26140	100RB#0	18.39	19.72	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	19.90	21.23	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	19.92	21.25	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	19.65	20.98	33	PASS
Band25	20MHz	64QAM	26365	50RB#25	18.56	19.89	33	PASS
Band25	20MHz	64QAM	26365	50RB#0	18.56	19.89	33	PASS
Band25	20MHz	64QAM	26365	50RB#50	18.33	19.66	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	18.49	19.82	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	19.86	21.19	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	19.83	21.16	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	19.81	21.14	33	PASS
Band25	20MHz	64QAM	26590	50RB#50	18.48	19.81	33	PASS
Band25	20MHz	64QAM	26590	50RB#25	18.82	20.15	33	PASS
Band25	20MHz	64QAM	26590	50RB#0	18.67	20.00	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	18.54	19.87	33	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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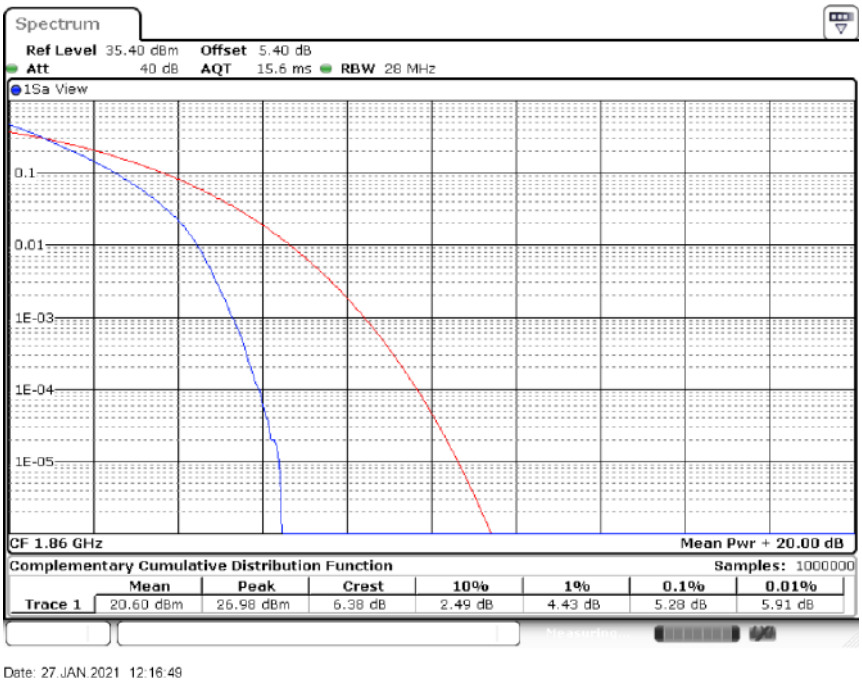
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	5.28	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.19	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.13	13	PASS
Band25	20MHz	64QAM	26140	100RB#0	6.20	13	PASS
Band25	20MHz	64QAM	26365	100RB#0	6.12	13	PASS
Band25	20MHz	64QAM	26590	100RB#0	6.12	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.17	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.12	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.12	13	PASS

2.2. Test Plots

Band25-20MHz-QPSK-26140-100RB#0



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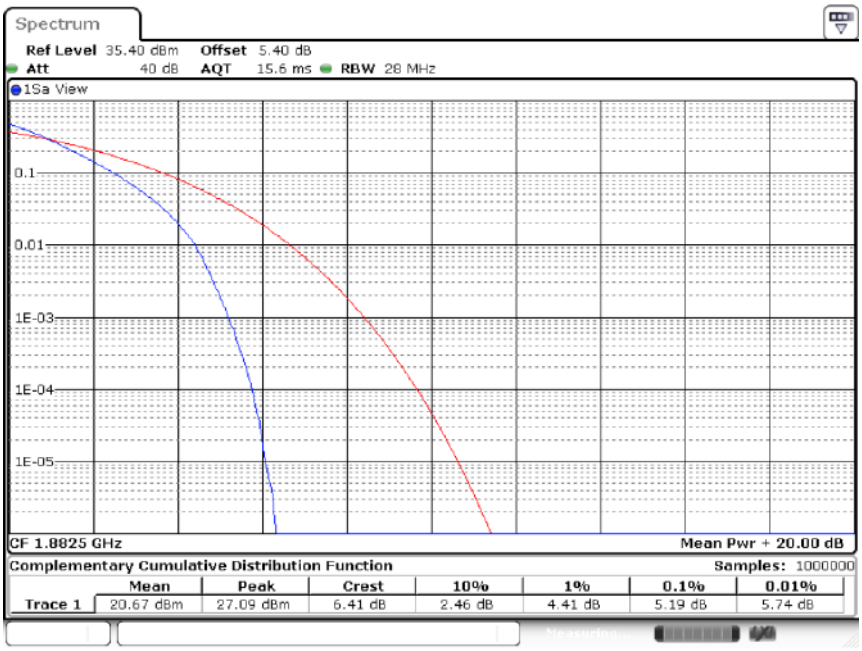
Band25-20MHz-QPSK-26365-100RB#0



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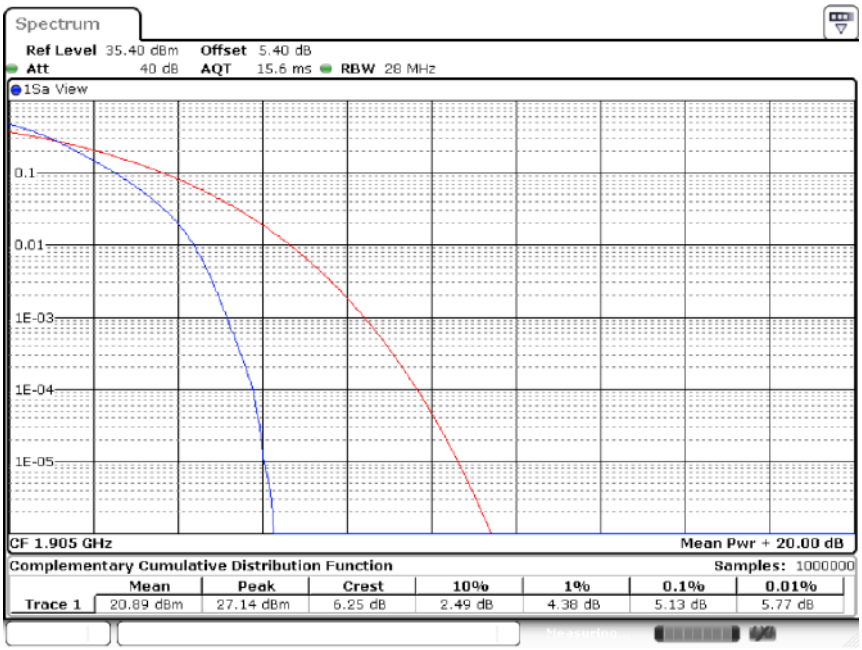
Band25-20MHz-QPSK-26590-100RB#0



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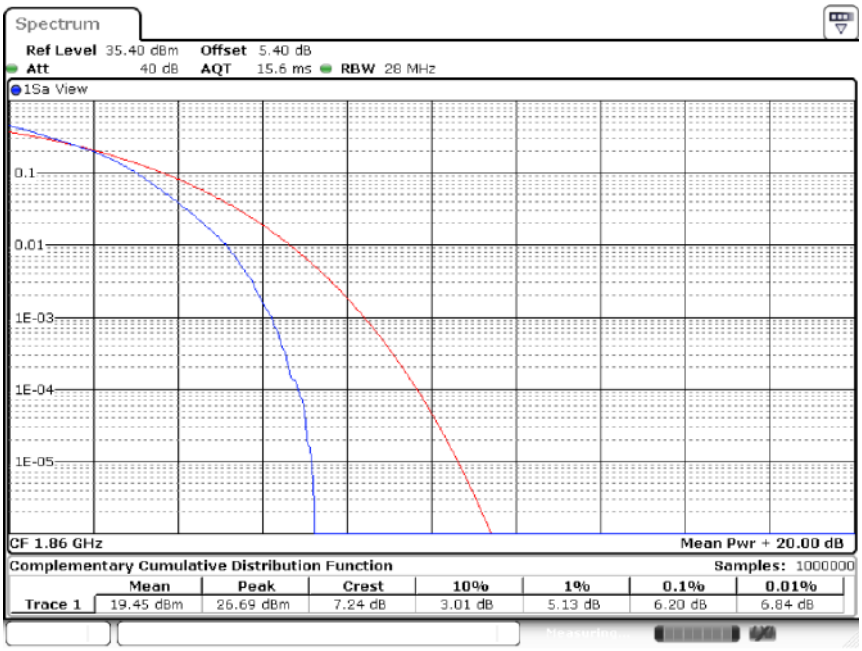
Band25-20MHz-64QAM-26140-100RB#0



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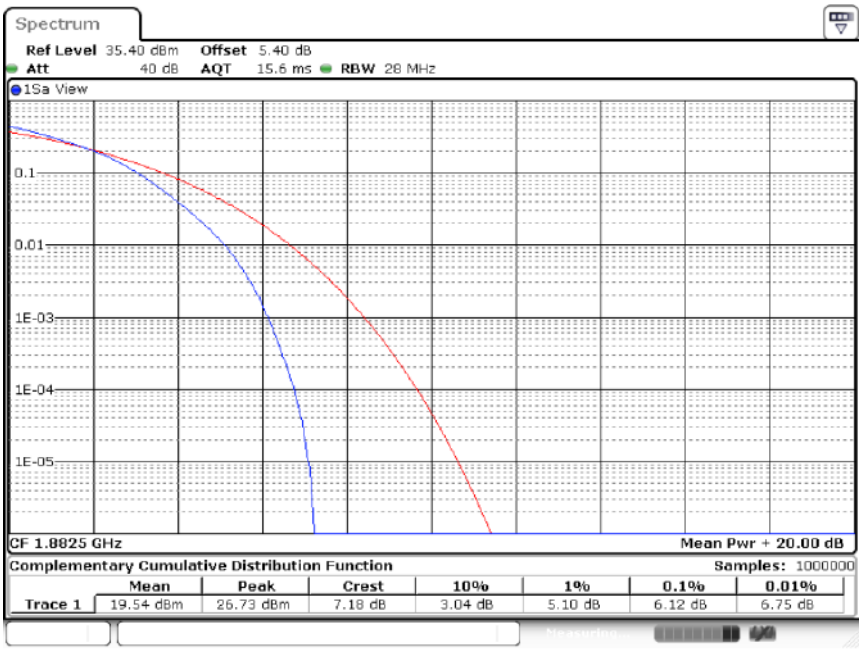
Band25-20MHz-64QAM-26365-100RB#0



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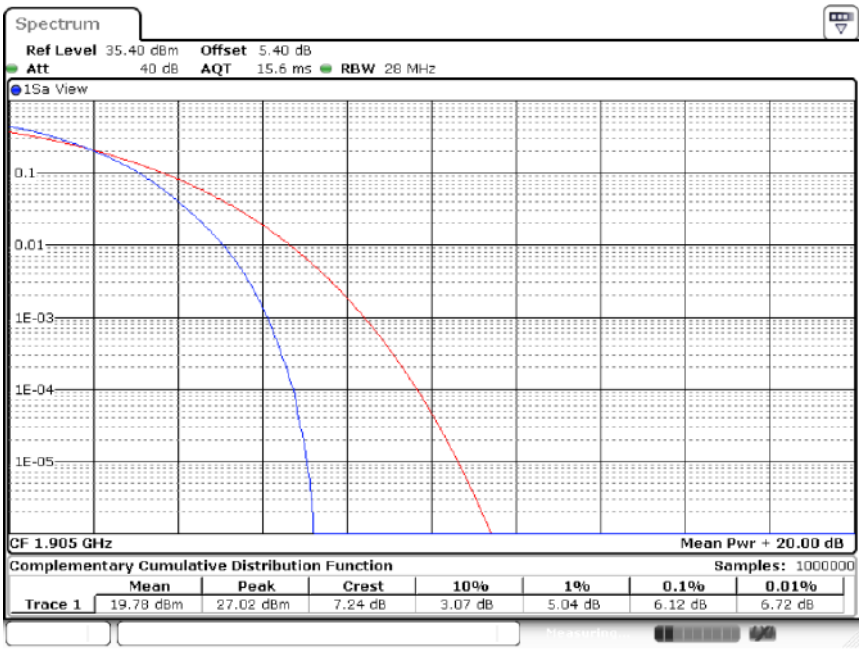
Band25-20MHz-64QAM-26590-100RB#0



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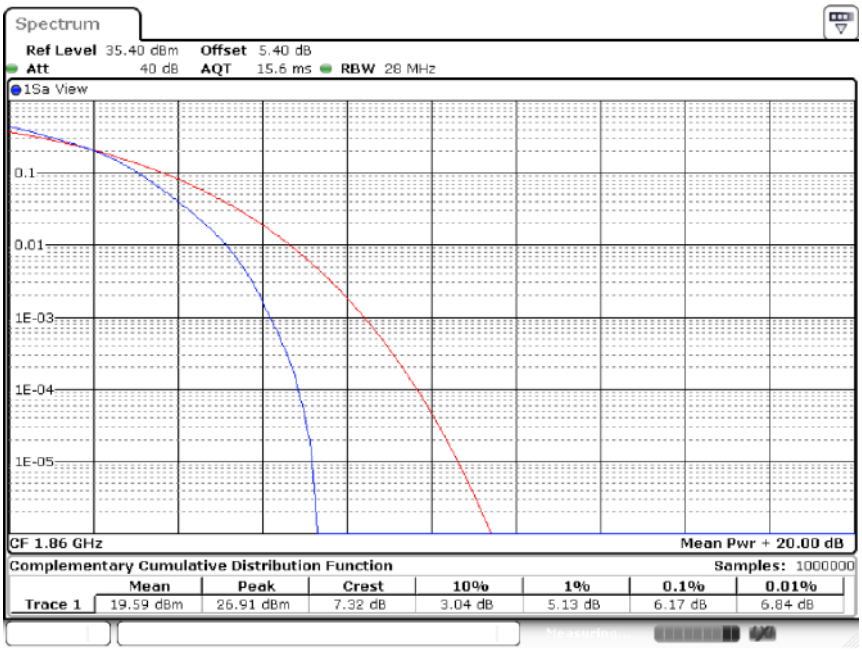
Band25-20MHz-16QAM-26140-100RB#0



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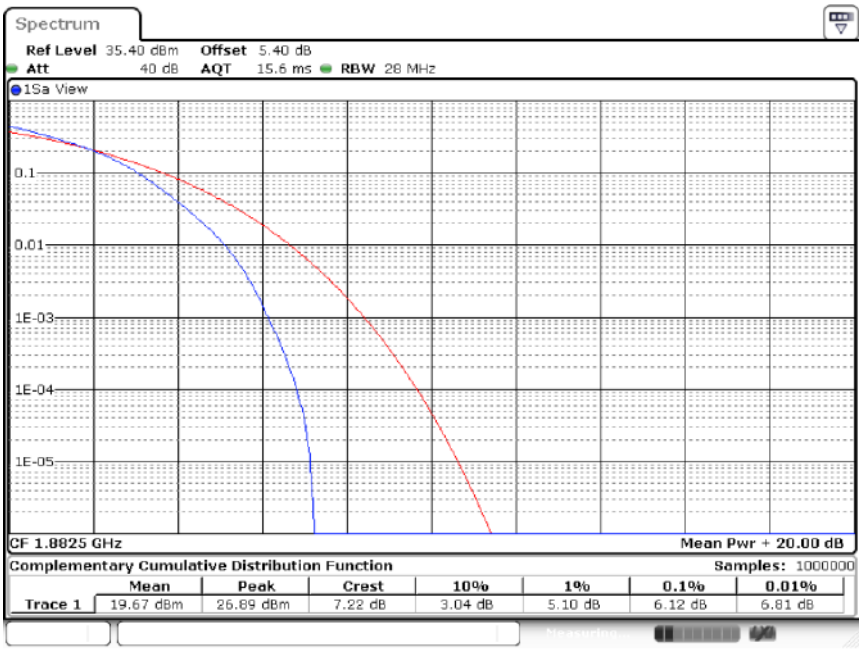

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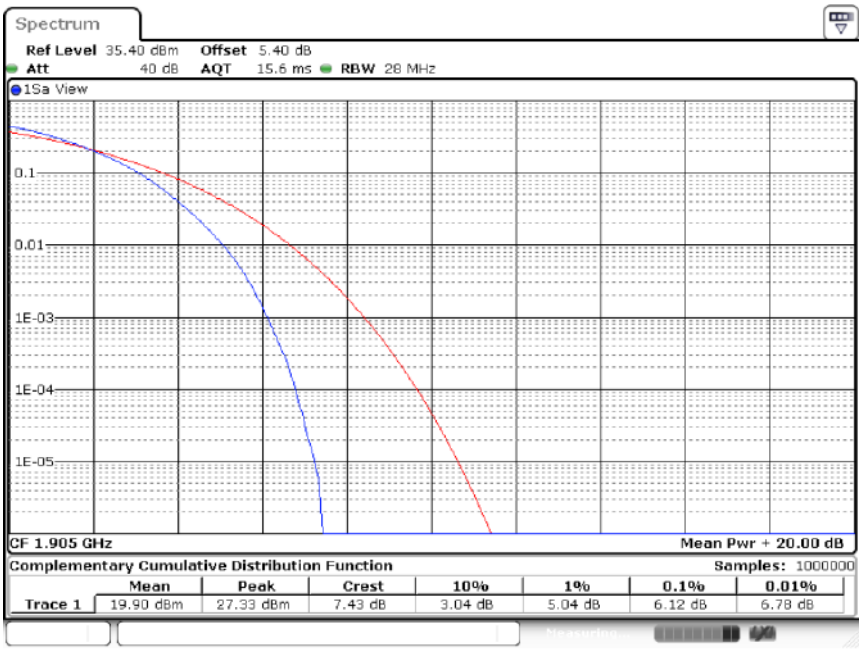
Band25-20MHz-16QAM-26590-100RB#0



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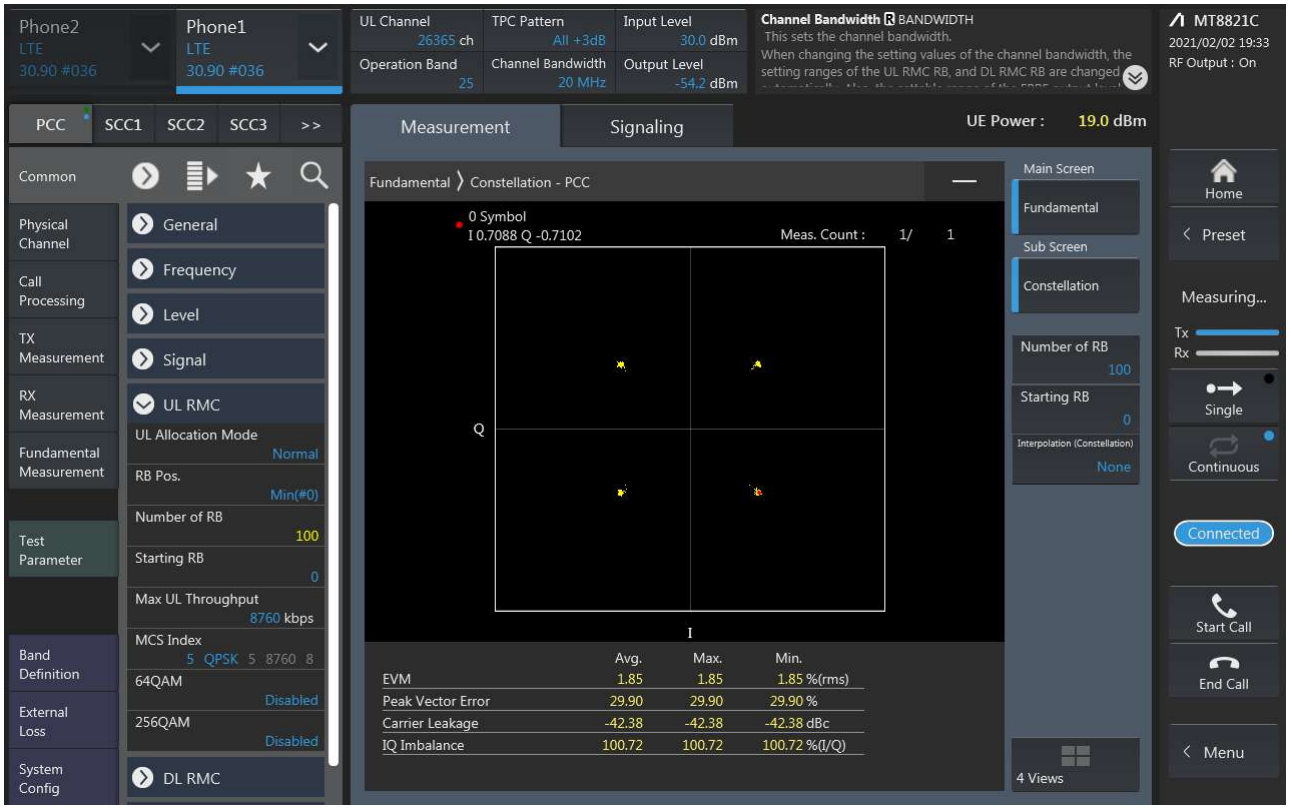
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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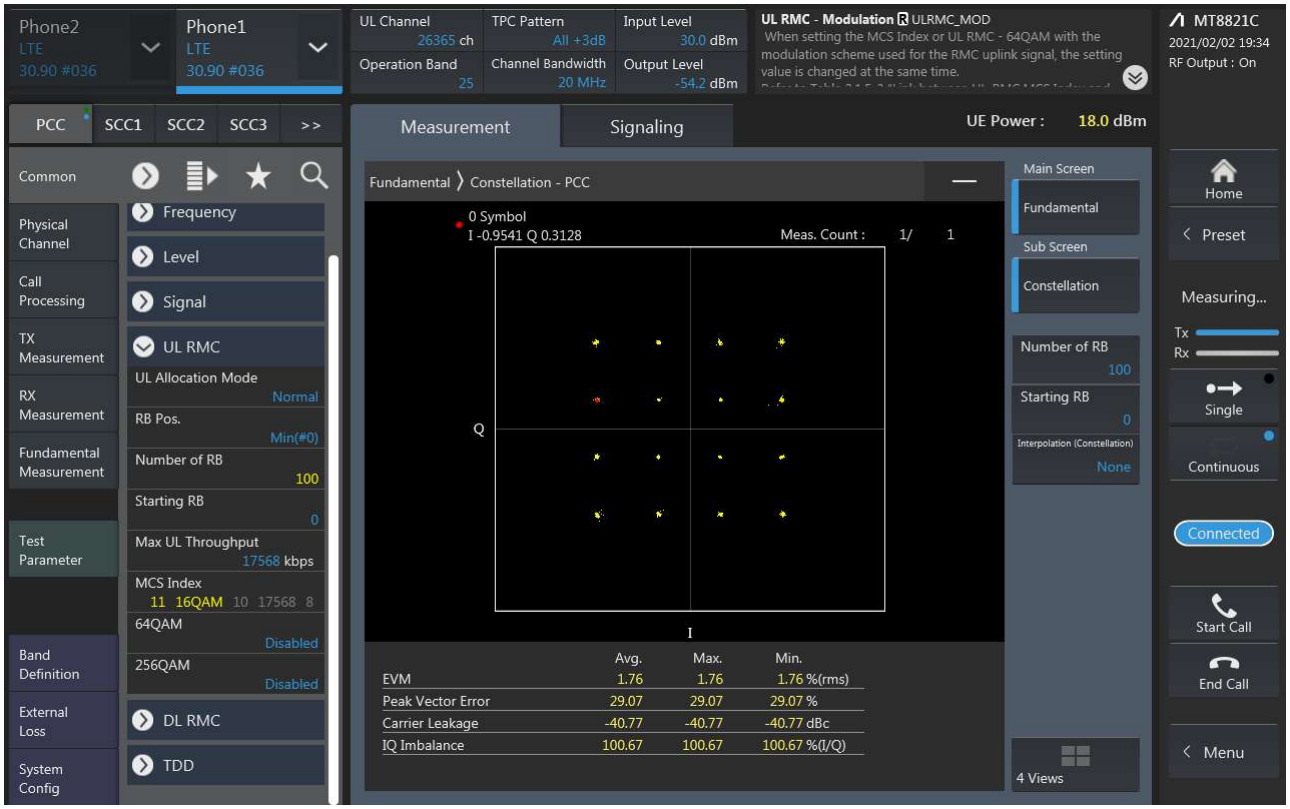
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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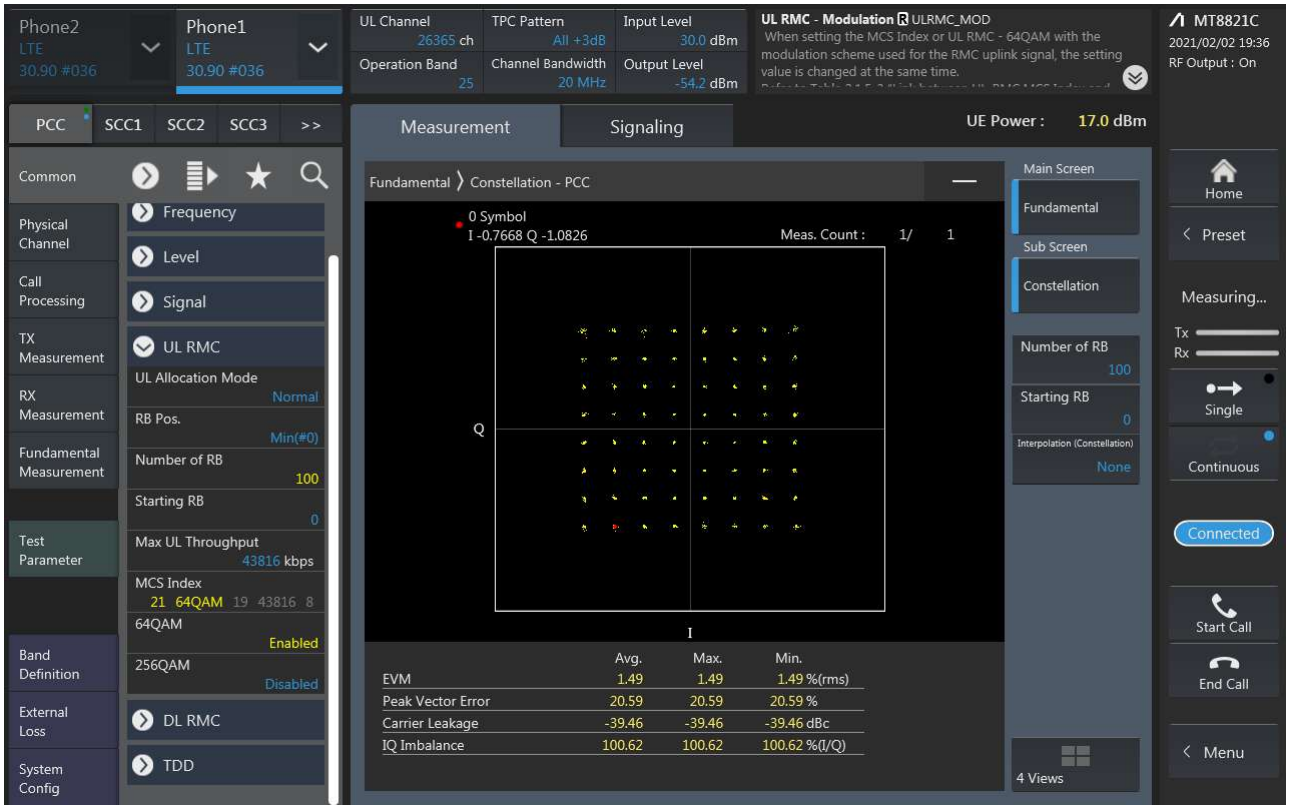
3.3. Test Mode = LTE /TM3 20MHz

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
Band25	1.4MHz	QPSK	26047	6RB#0	1.088	1.236	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.088	1.233	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.088	1.233	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	1.085	1.242	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	1.085	1.242	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	1.085	1.242	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.088	1.239	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.088	1.236	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.088	1.233	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.697	3.000	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.697	3.018	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.697	3.006	PASS
Band25	3MHz	64QAM	26055	15RB#0	2.691	2.982	PASS
Band25	3MHz	64QAM	26365	15RB#0	2.685	2.976	PASS
Band25	3MHz	64QAM	26675	15RB#0	2.685	2.976	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.685	2.988	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.685	2.982	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.685	2.976	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.476	4.910	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.476	4.910	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.476	4.910	PASS
Band25	5MHz	64QAM	26065	25RB#0	4.466	4.920	PASS
Band25	5MHz	64QAM	26365	25RB#0	4.466	4.940	PASS
Band25	5MHz	64QAM	26665	25RB#0	4.476	4.930	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.486	4.920	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.486	4.920	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.486	4.920	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.931	9.640	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.911	9.720	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.931	9.660	PASS
Band25	10MHz	64QAM	26090	50RB#0	8.911	9.760	PASS

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Band25	10MHz	64QAM	26365	50RB#0	8.911	9.740	PASS
Band25	10MHz	64QAM	26640	50RB#0	8.931	9.740	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.931	9.700	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.911	9.700	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.931	9.680	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.427	14.730	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.427	14.670	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.427	14.640	PASS
Band25	15MHz	64QAM	26115	75RB#0	13.427	14.700	PASS
Band25	15MHz	64QAM	26365	75RB#0	13.397	14.670	PASS
Band25	15MHz	64QAM	26615	75RB#0	13.397	14.700	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.427	14.640	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.427	14.670	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.397	14.640	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.862	19.440	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.822	19.400	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.822	19.320	PASS
Band25	20MHz	64QAM	26140	100RB#0	17.862	19.320	PASS
Band25	20MHz	64QAM	26365	100RB#0	17.822	19.280	PASS
Band25	20MHz	64QAM	26590	100RB#0	17.822	19.280	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.862	19.400	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.782	19.400	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.822	19.320	PASS

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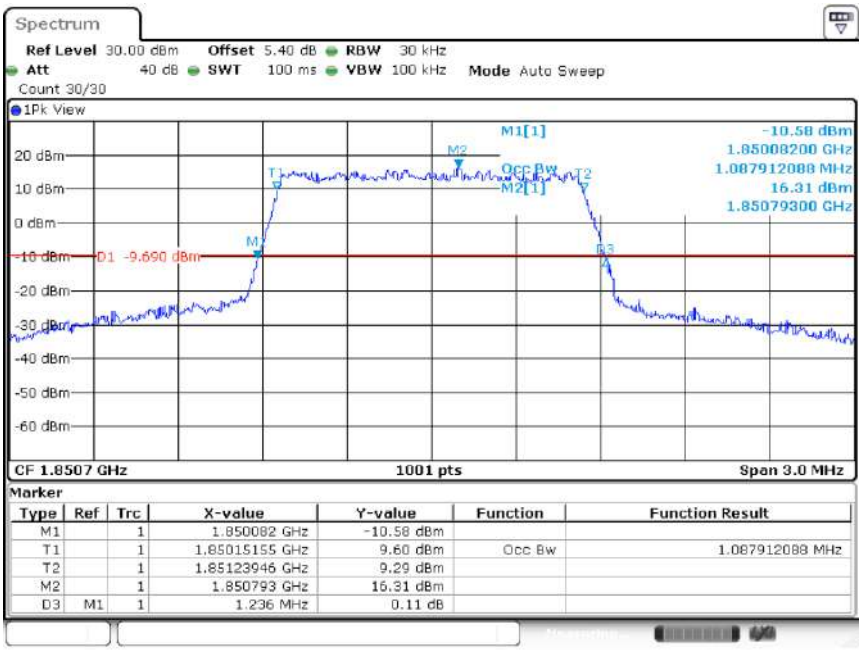
4.2. Test Plots

Band25-1.4MHz-QPSK-26047-6RB#0-1.088



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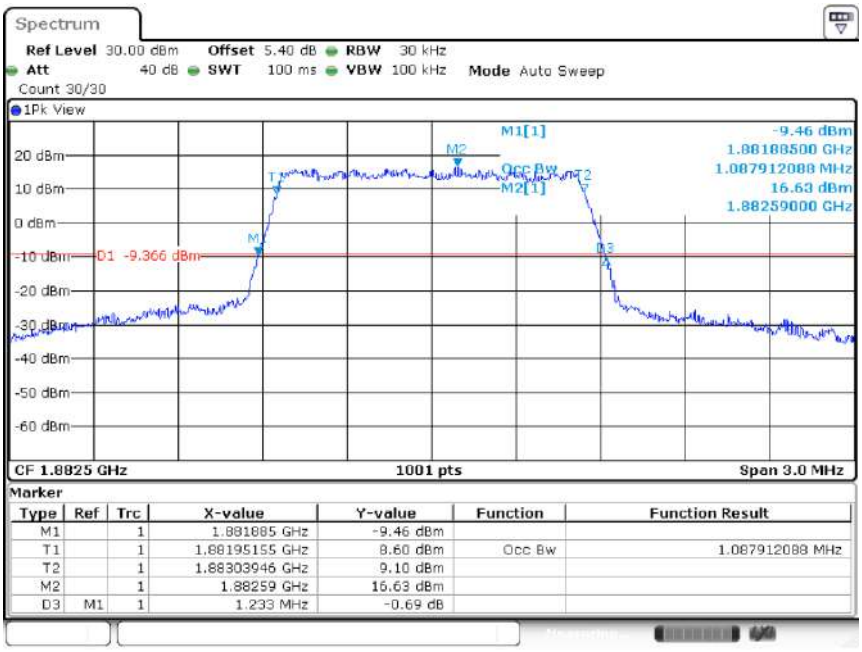

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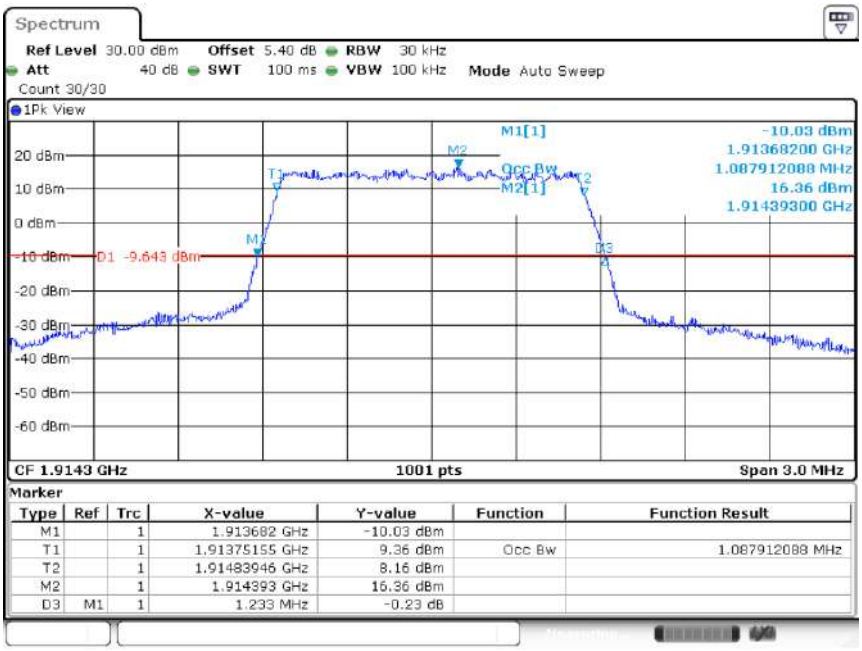
Band25-1.4MHz-QPSK-26683-6RB#0-1.088



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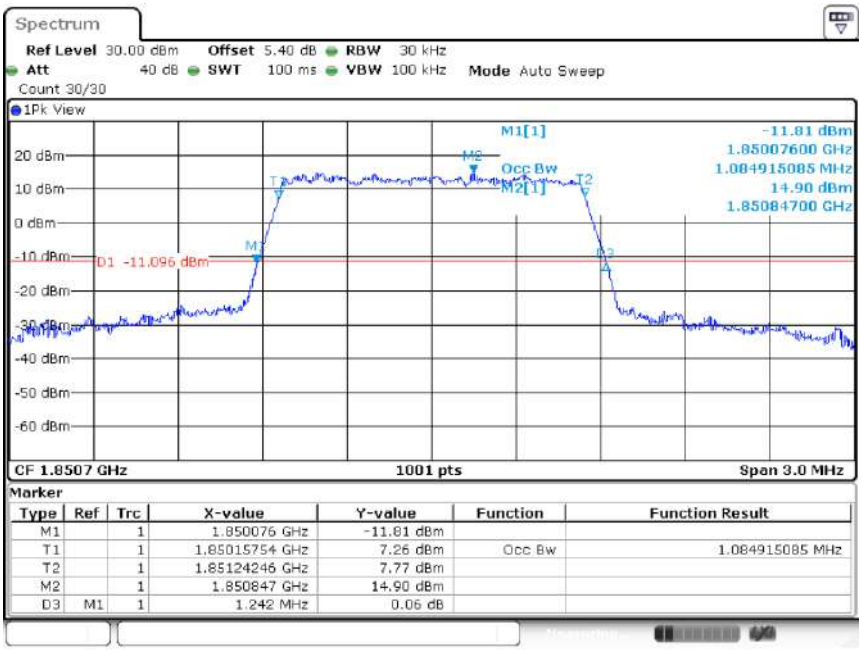
Band25-1.4MHz-64QAM-26047-6RB#0-1.085



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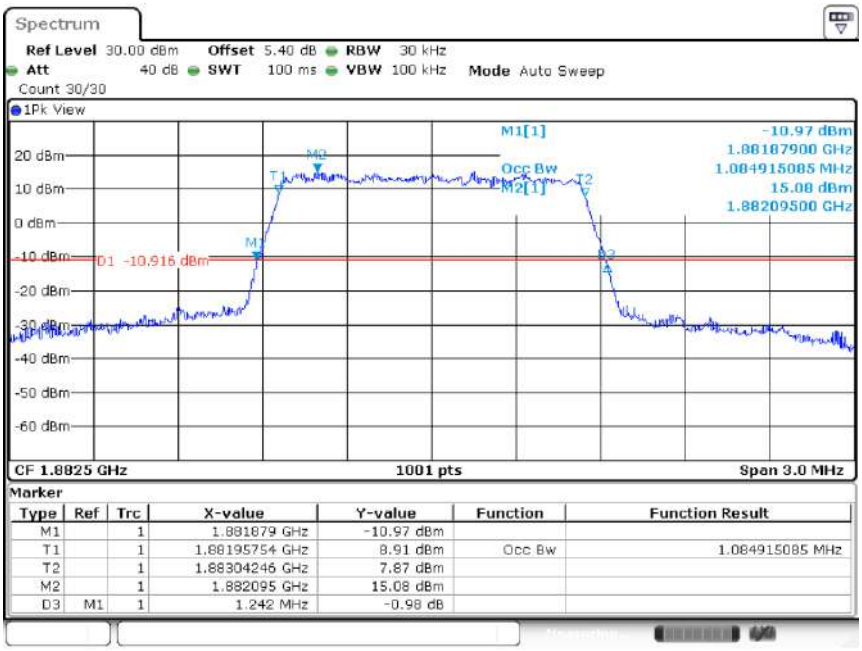

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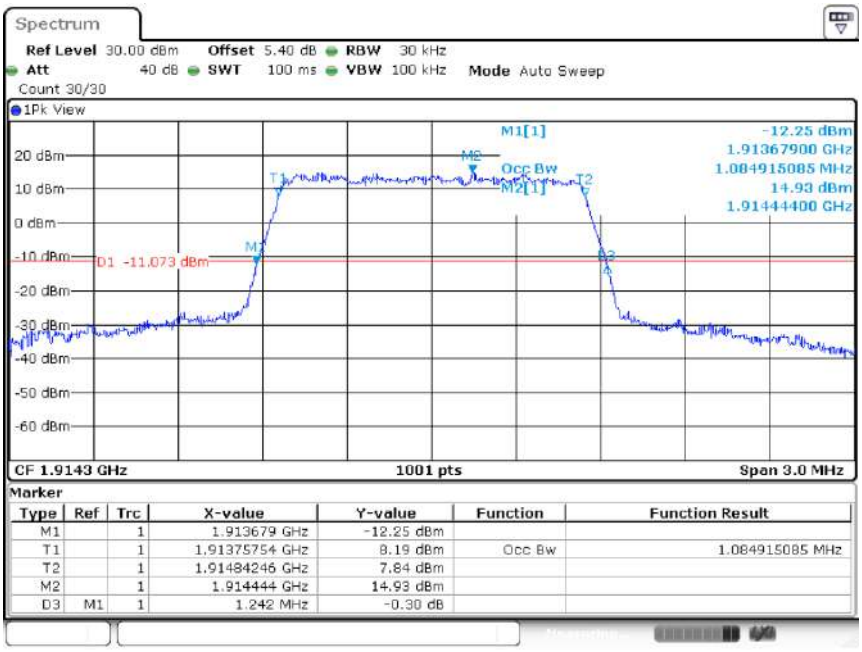

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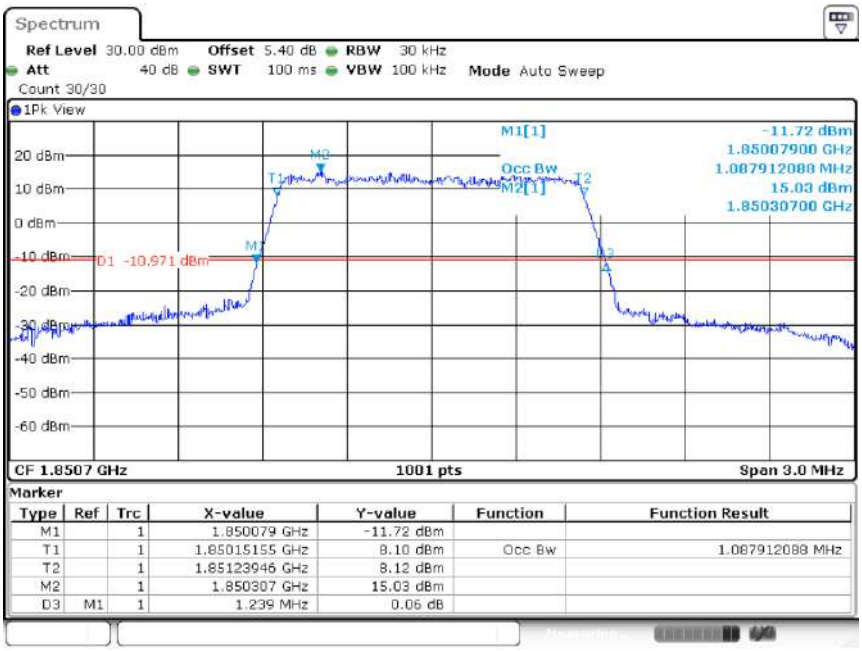
Band25-1.4MHz-16QAM-26047-6RB#0-1.088



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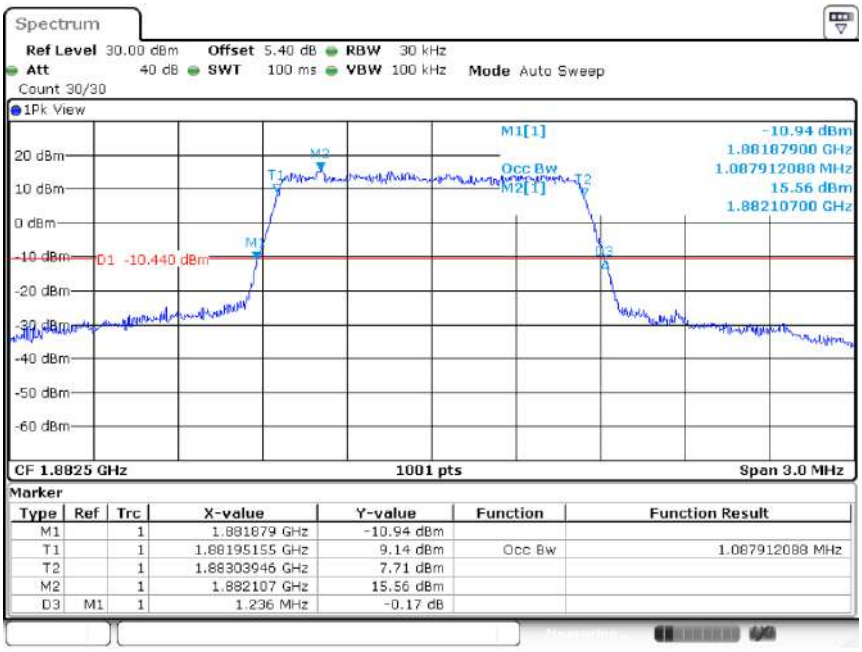

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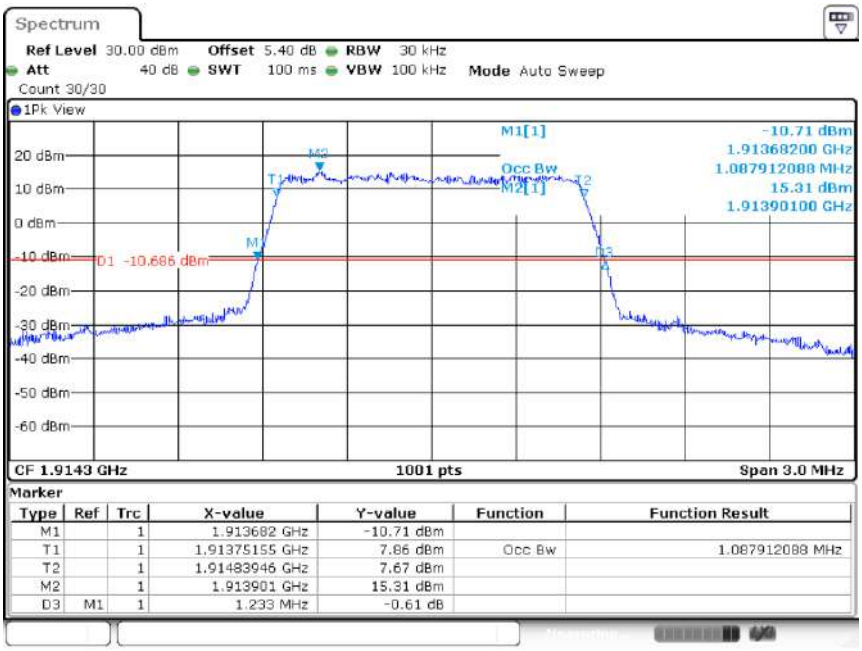

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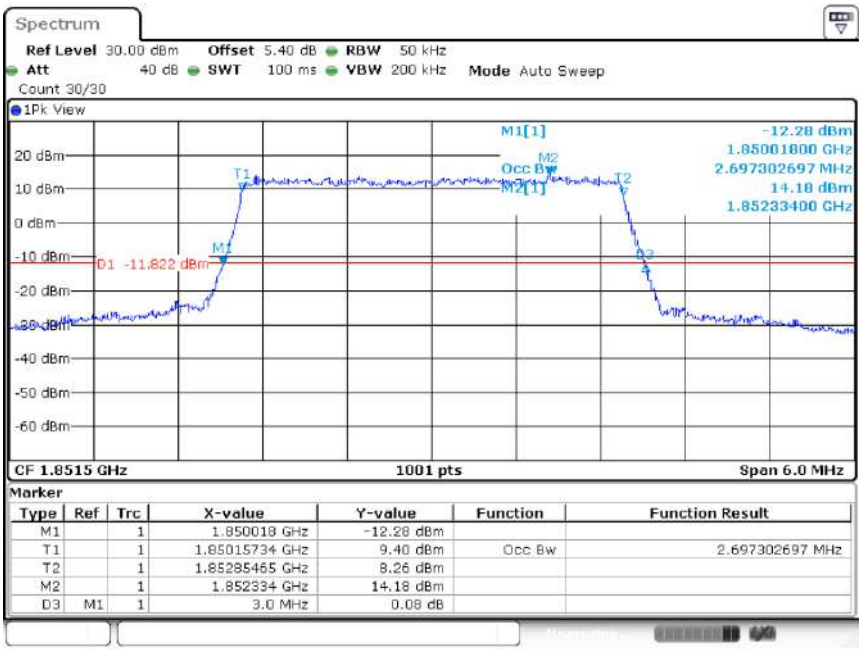
Band25-3MHz-QPSK-26055-15RB#0-2.697



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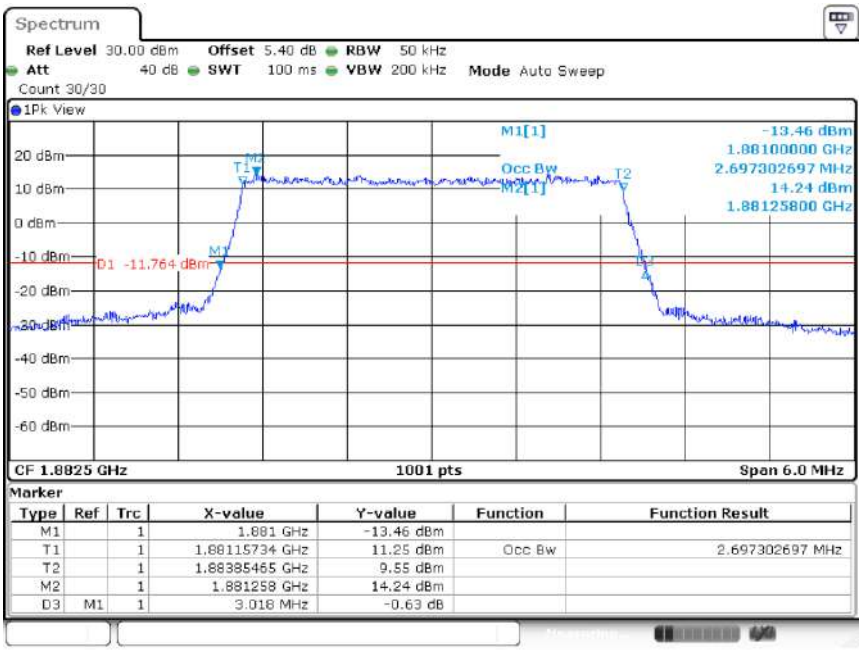
Band25-3MHz-QPSK-26365-15RB#0-2.697



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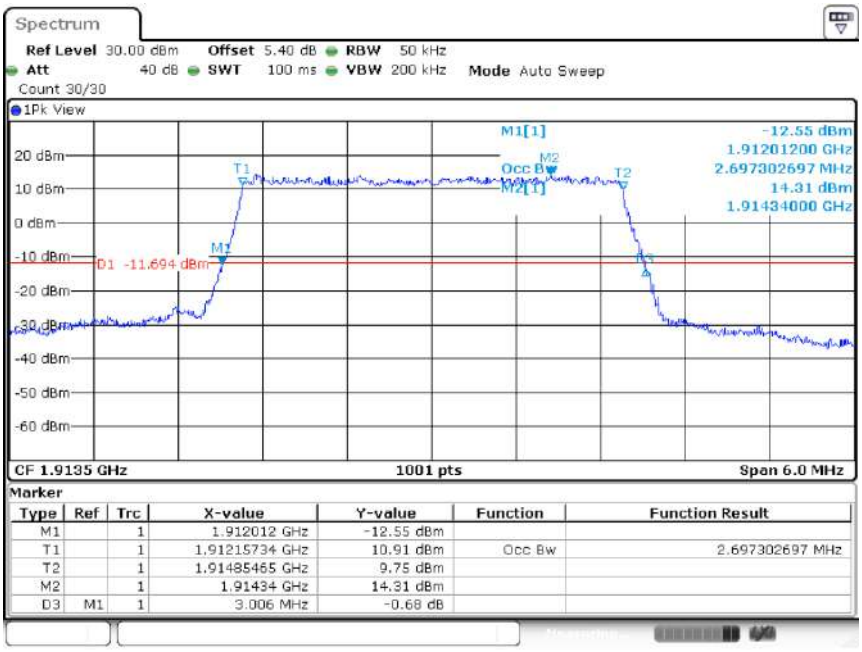
Band25-3MHz-QPSK-26675-15RB#0-2.697



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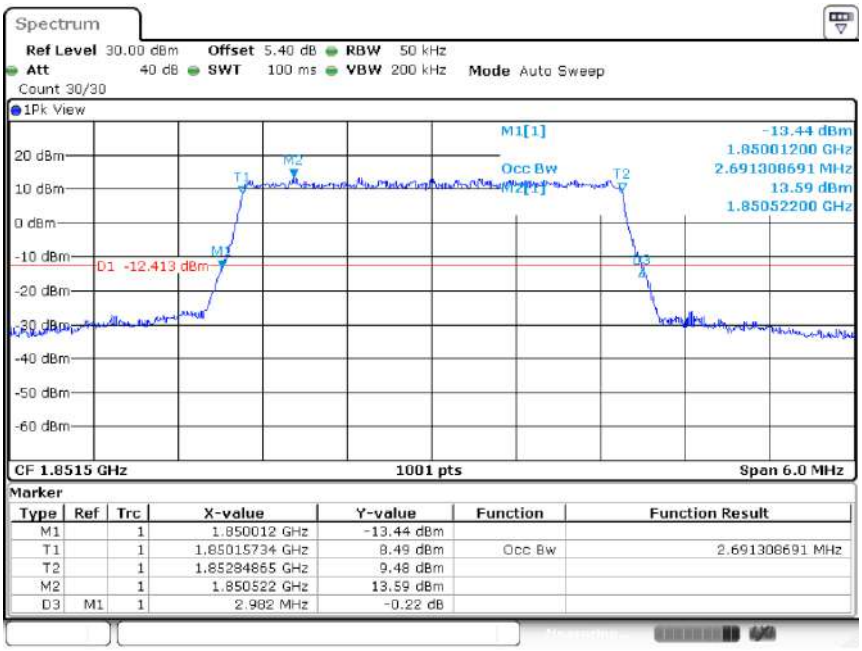
Band25-3MHz-64QAM-26055-15RB#0-2.691



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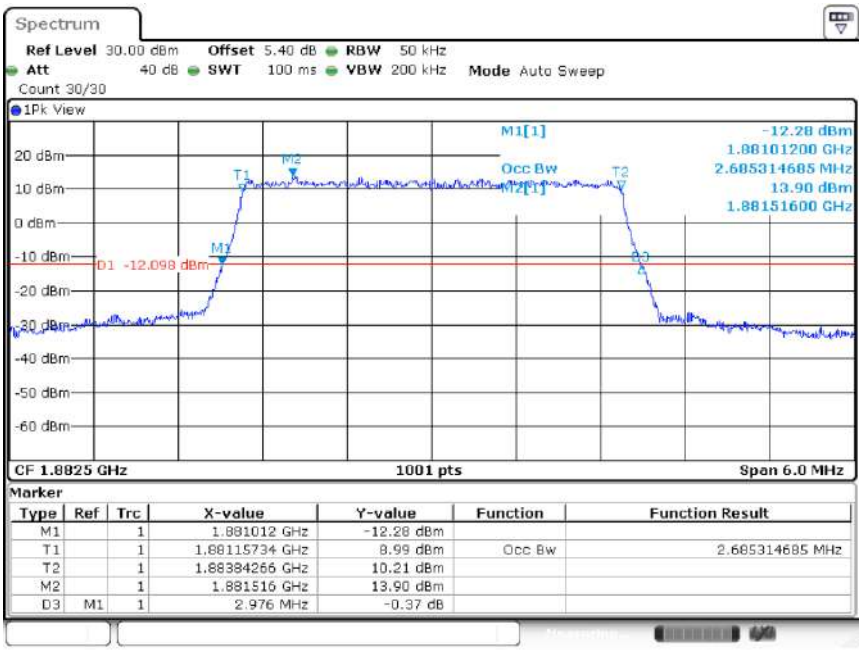
Band25-3MHz-64QAM-26365-15RB#0-2.685



Date: 27.JAN.2021 13:06:32

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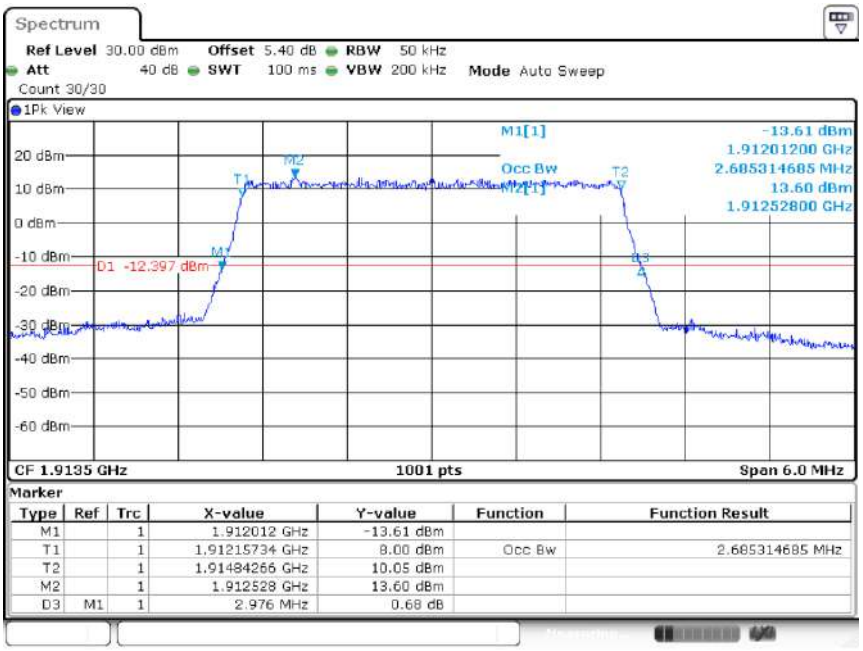
Band25-3MHz-64QAM-26675-15RB#0-2.685



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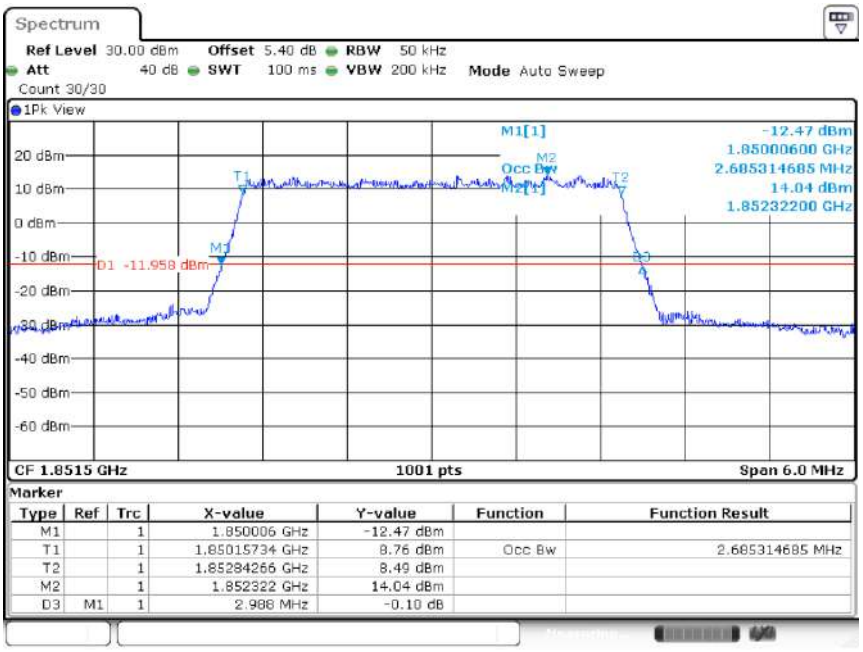
Band25-3MHz-16QAM-26055-15RB#0-2.685



Date: 27.JAN.2021 11:48:32

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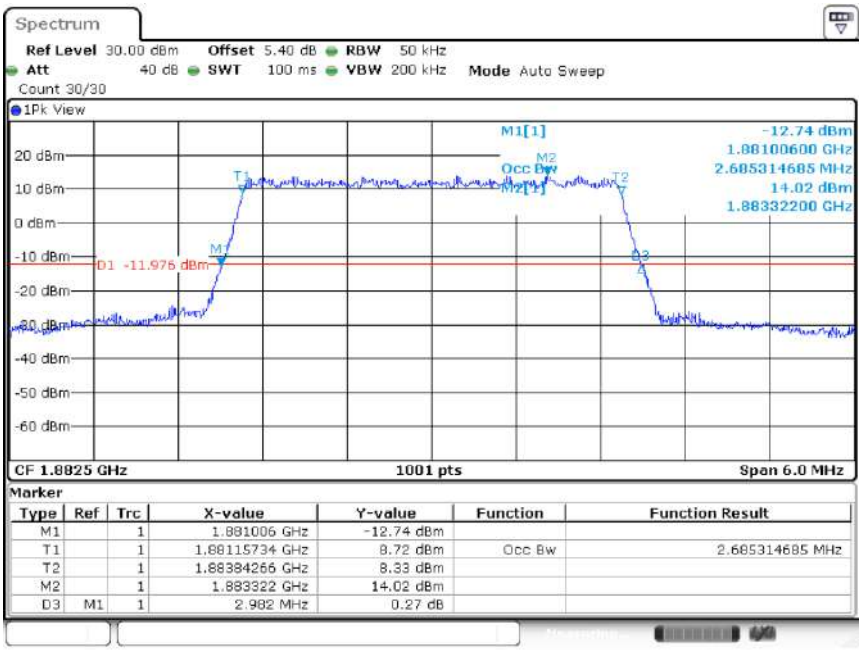
Band25-3MHz-16QAM-26365-15RB#0-2.685



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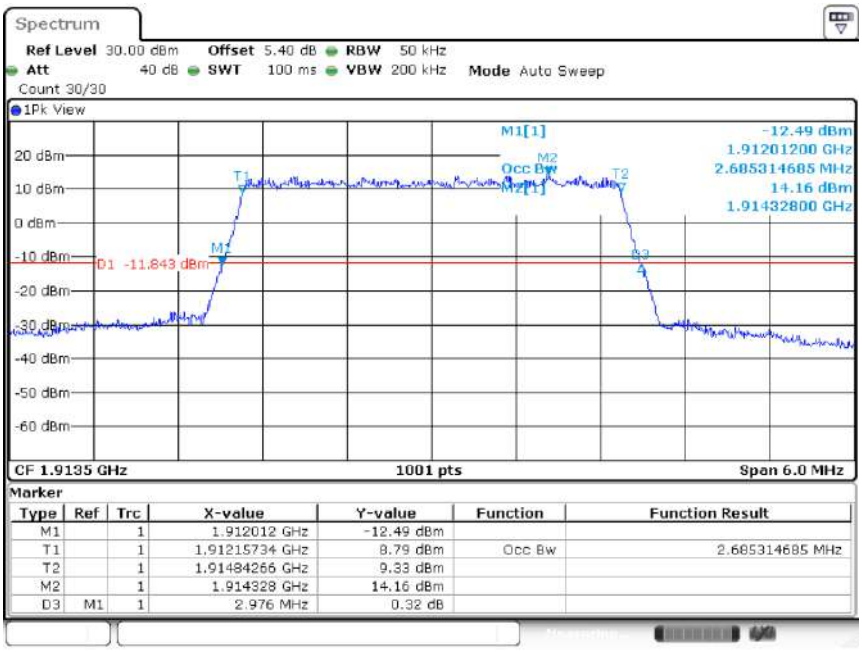
Band25-3MHz-16QAM-26675-15RB#0-2.685



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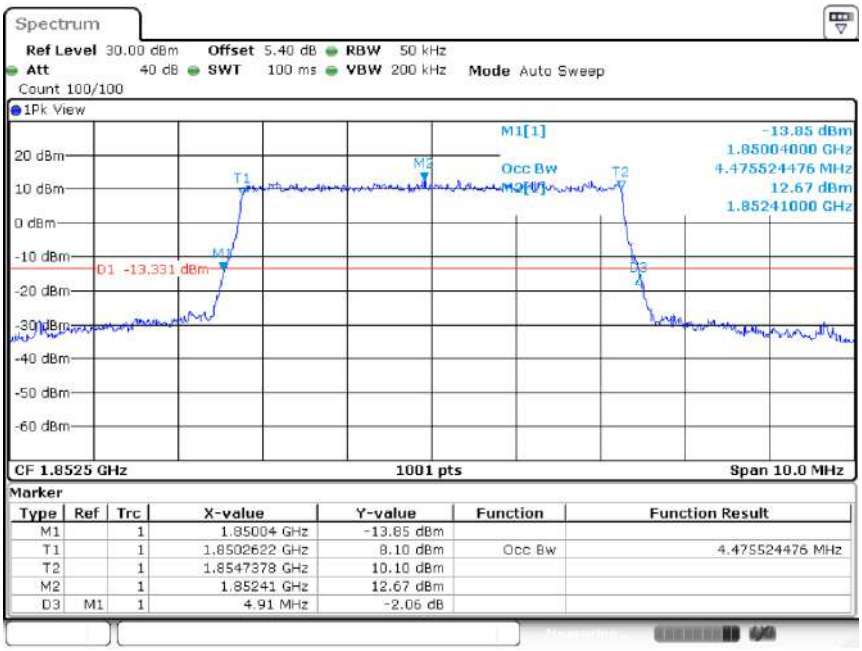
Band25-5MHz-QPSK-26065-25RB#0-4.476



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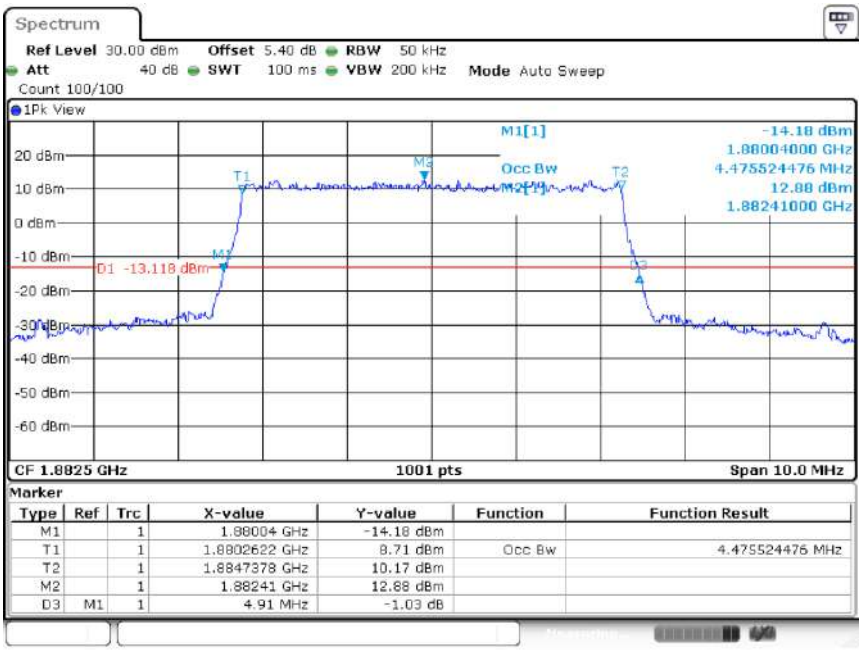
Band25-5MHz-QPSK-26365-25RB#0-4.476



Date: 27.JAN.2021 11:50:27

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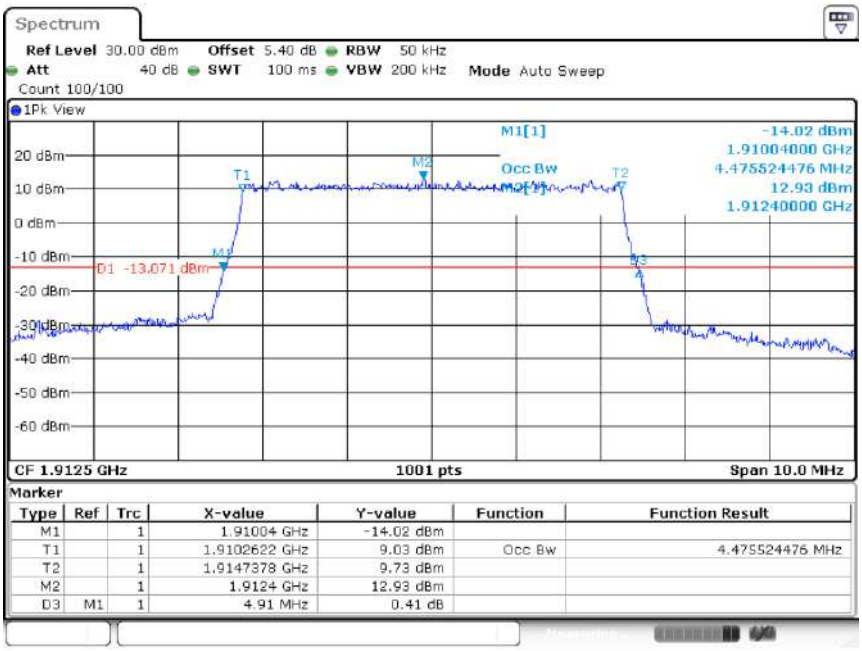
Band25-5MHz-QPSK-26665-25RB#0-4.476



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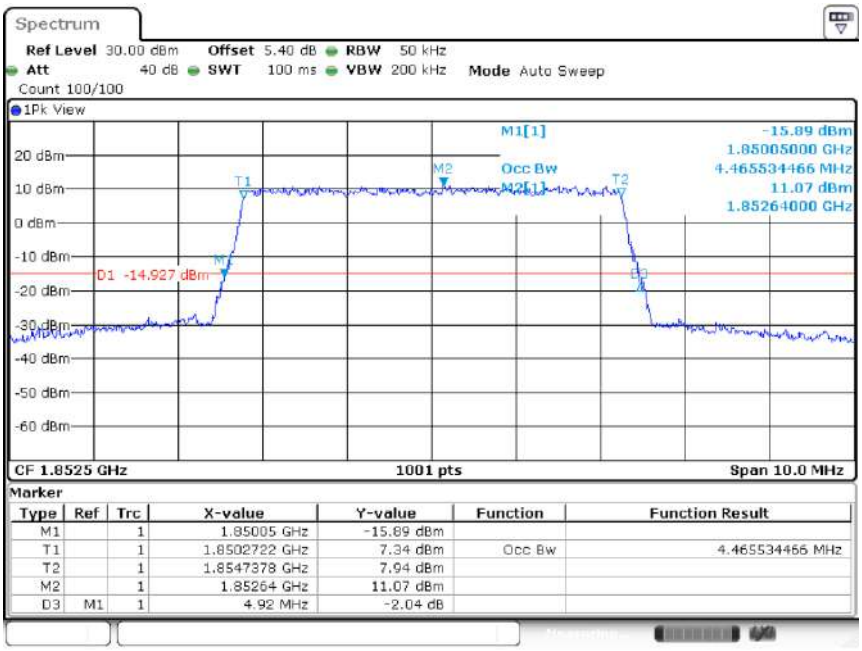
Band25-5MHz-64QAM-26065-25RB#0-4.466



Date: 27.JAN.2021 13:07:10

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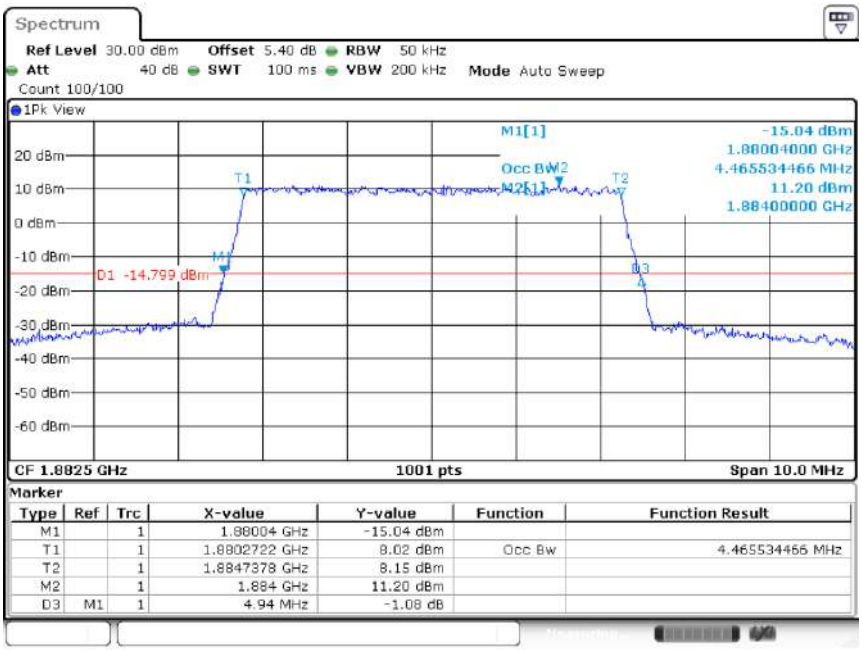
Band25-5MHz-64QAM-26365-25RB#0-4.466



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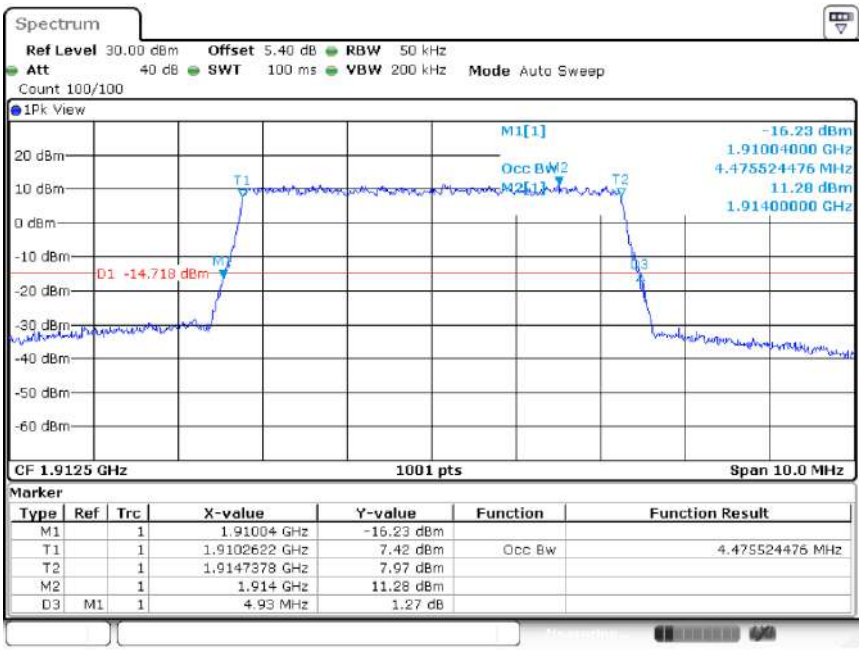
Band25-5MHz-64QAM-26665-25RB#0-4.476



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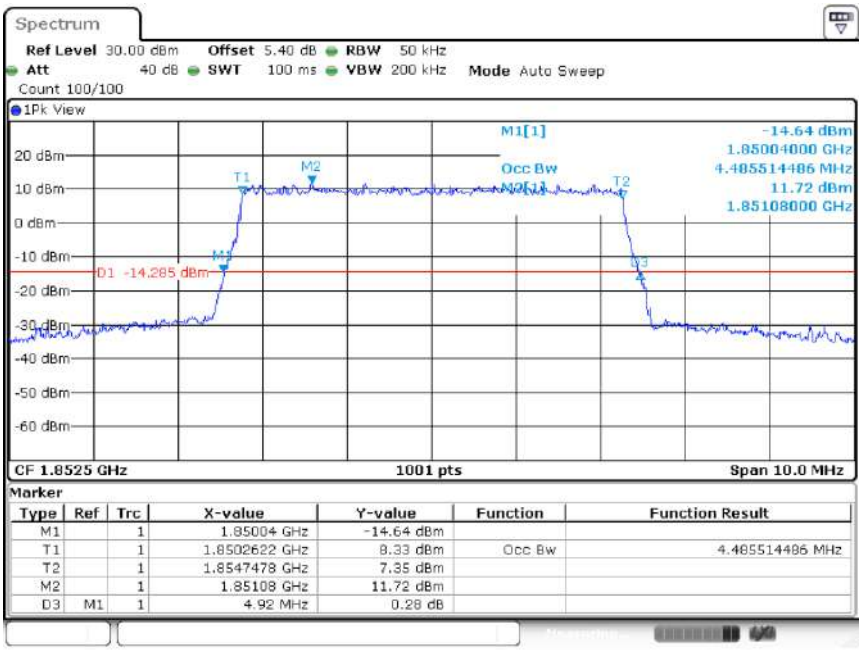
Band25-5MHz-16QAM-26065-25RB#0-4.486



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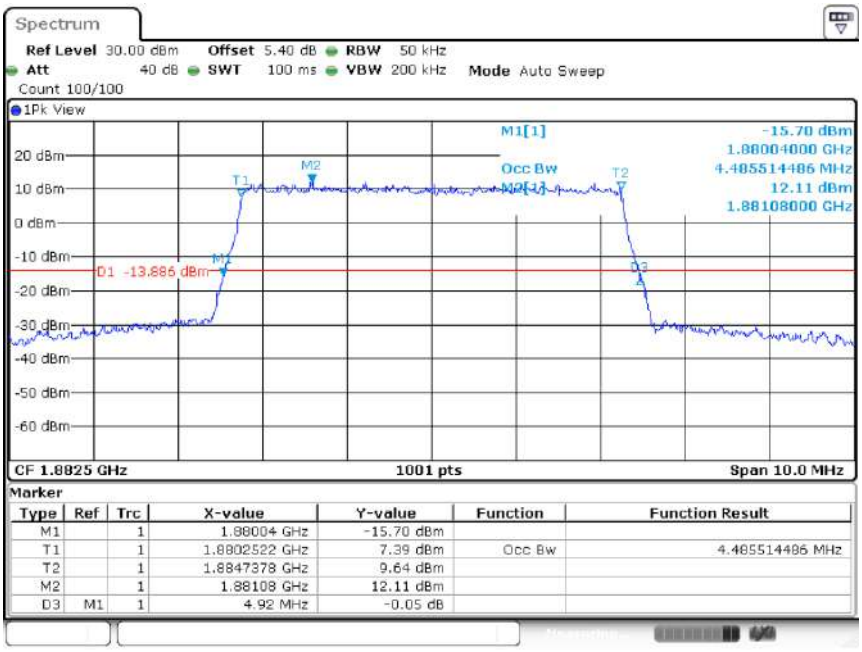
Band25-5MHz-16QAM-26365-25RB#0-4.486



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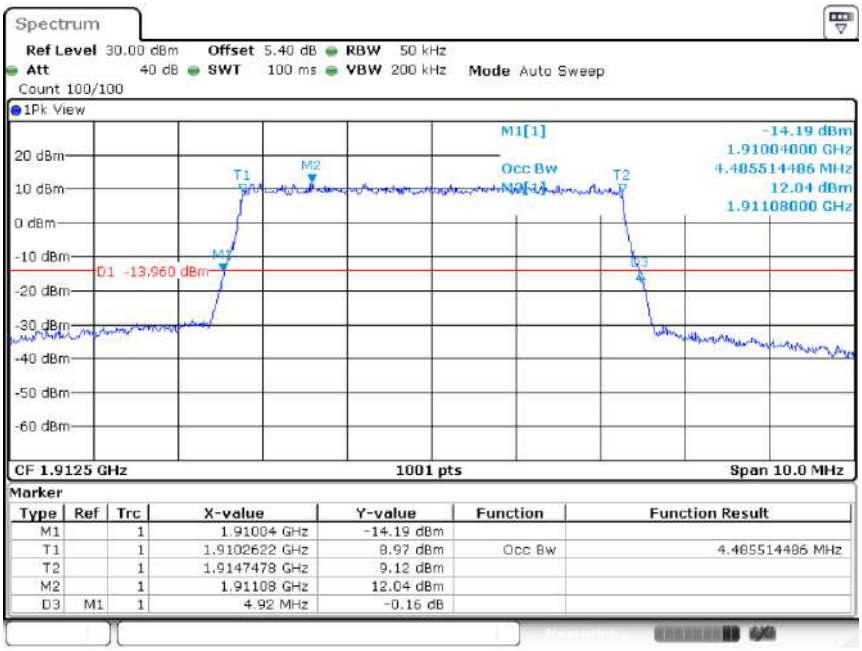
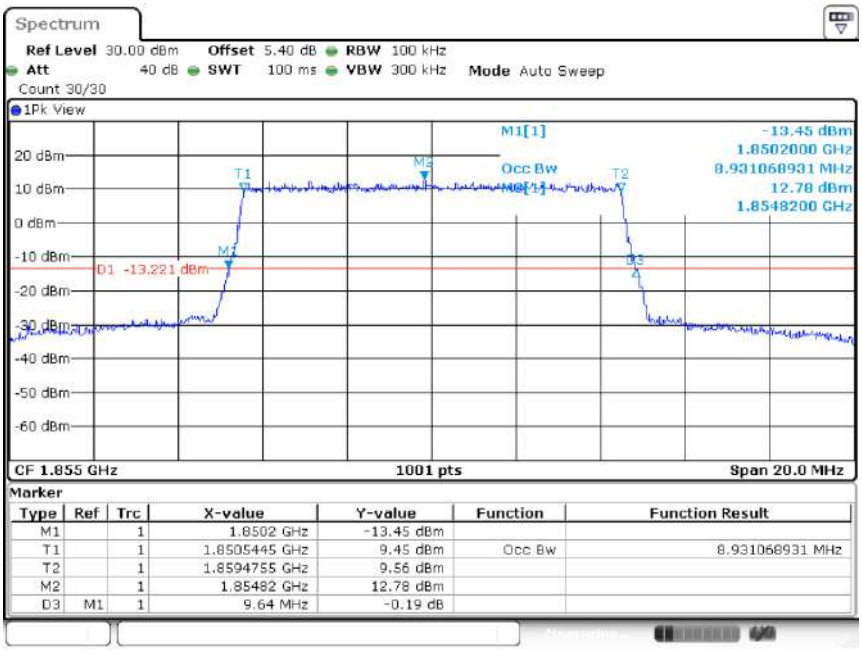
Band25-5MHz-16QAM-26665-25RB#0-4.486



Date: 27.JAN.2021 11:51:27

Band25-10MHz-QPSK-26090-50RB#0-8.931



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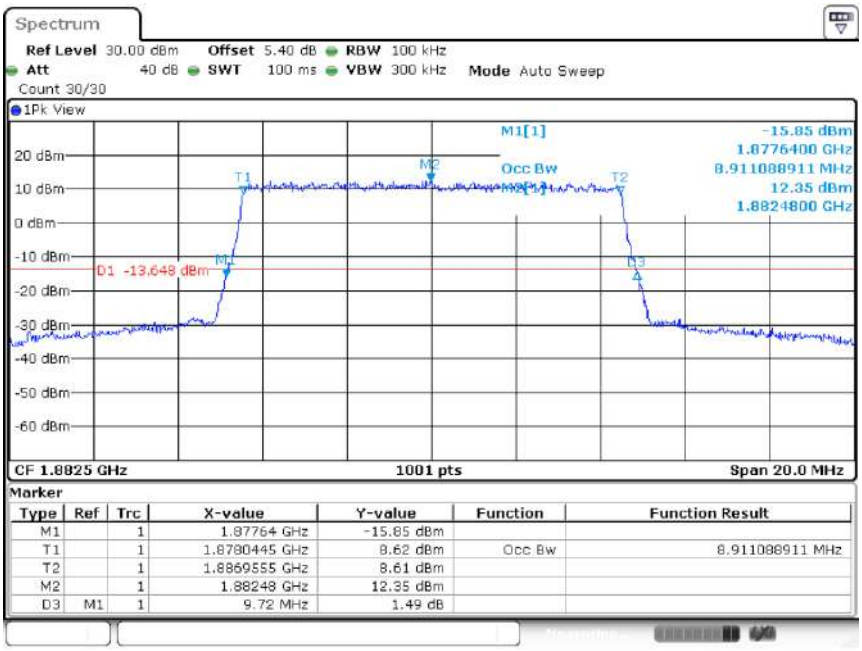
Band25-10MHz-QPSK-26365-50RB#0-8.911



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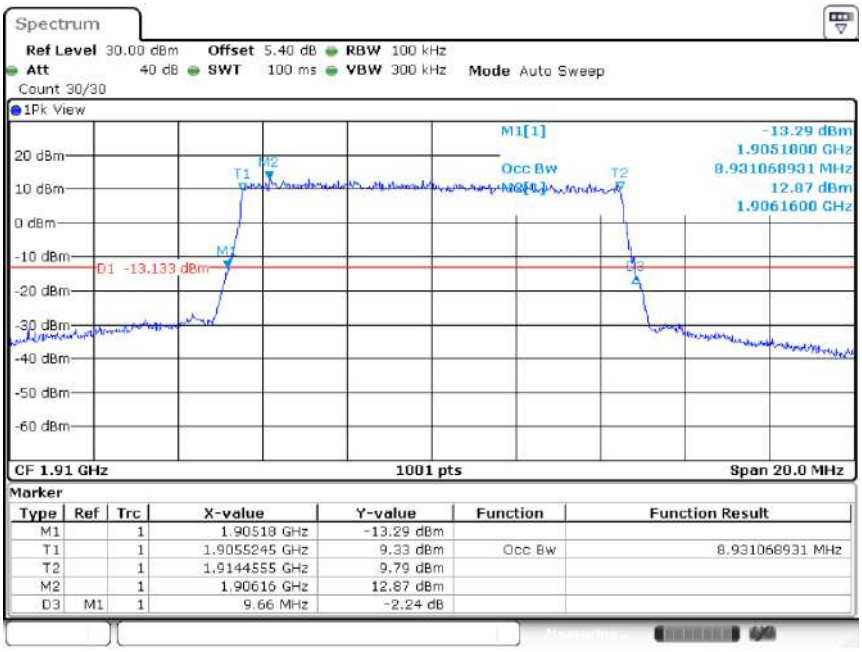
Band25-10MHz-QPSK-26640-50RB#0-8.931



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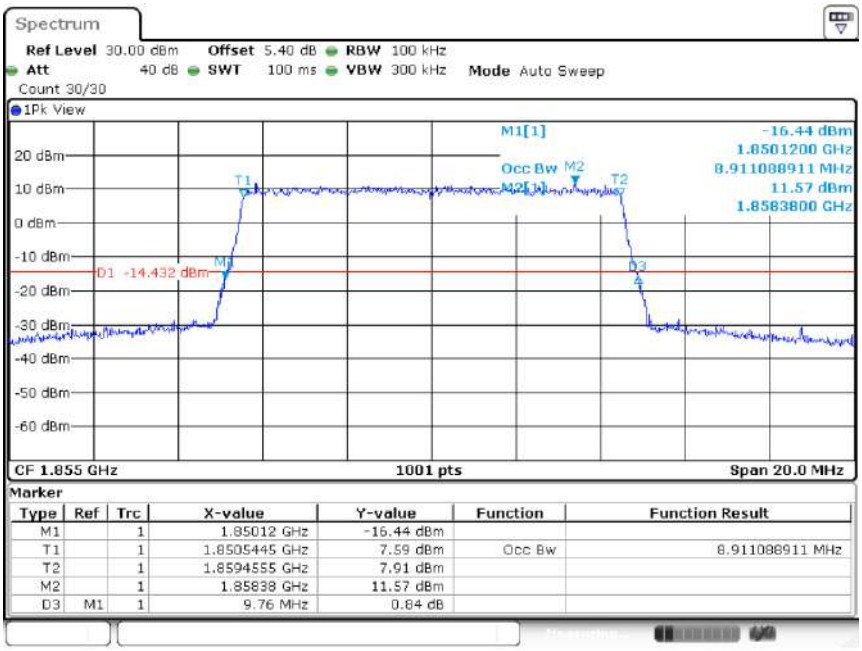
Band25-10MHz-64QAM-26090-50RB#0-8.911



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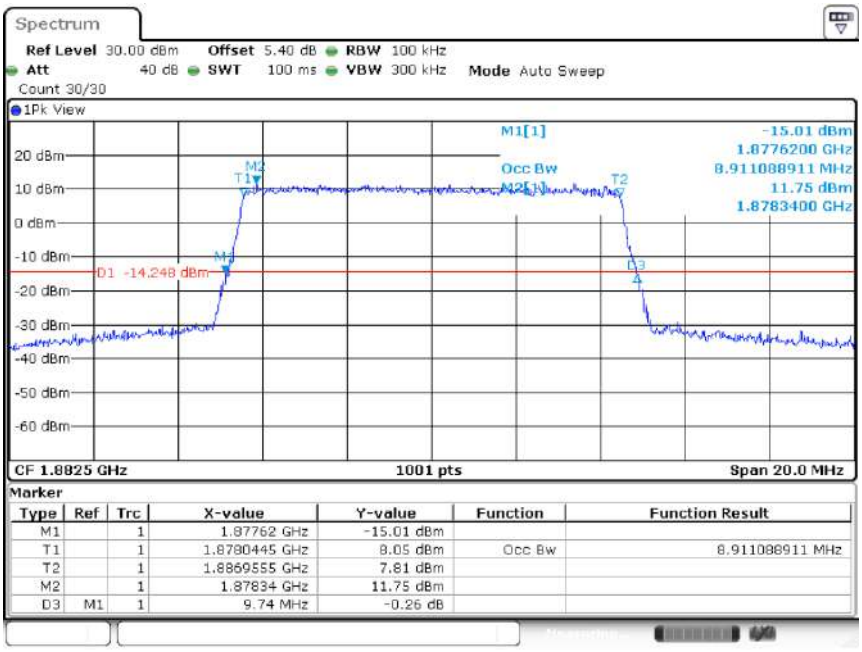
Band25-10MHz-64QAM-26365-50RB#0-8.911



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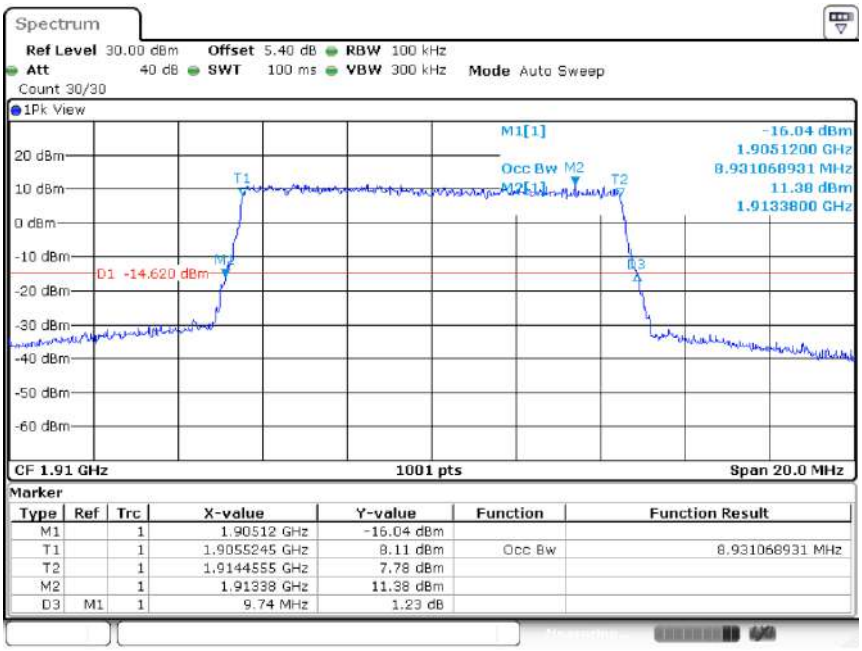
Band25-10MHz-64QAM-26640-50RB#0-8.931



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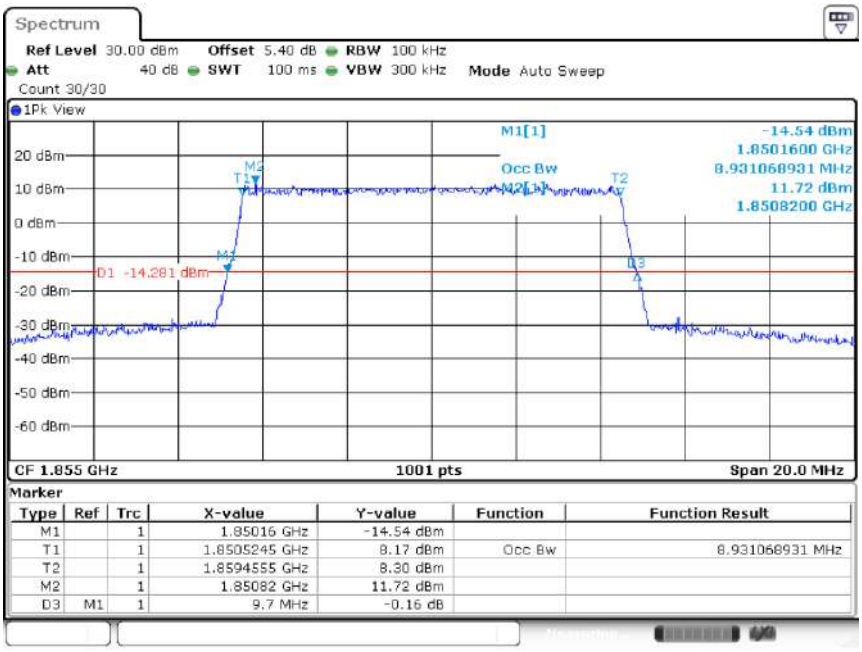
Band25-10MHz-16QAM-26090-50RB#0-8.931



Date: 27.JAN.2021 11:51:57

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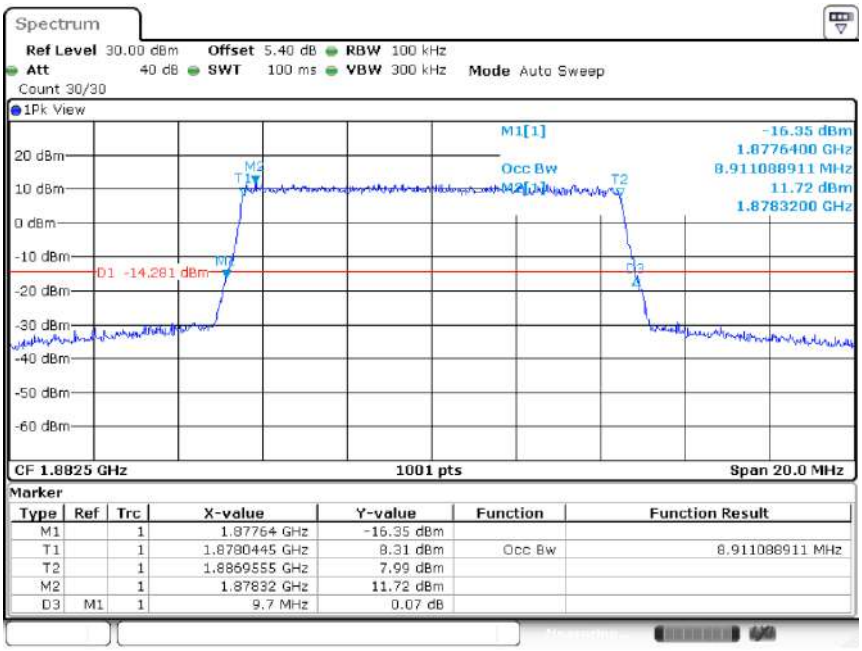
Band25-10MHz-16QAM-26365-50RB#0-8.911



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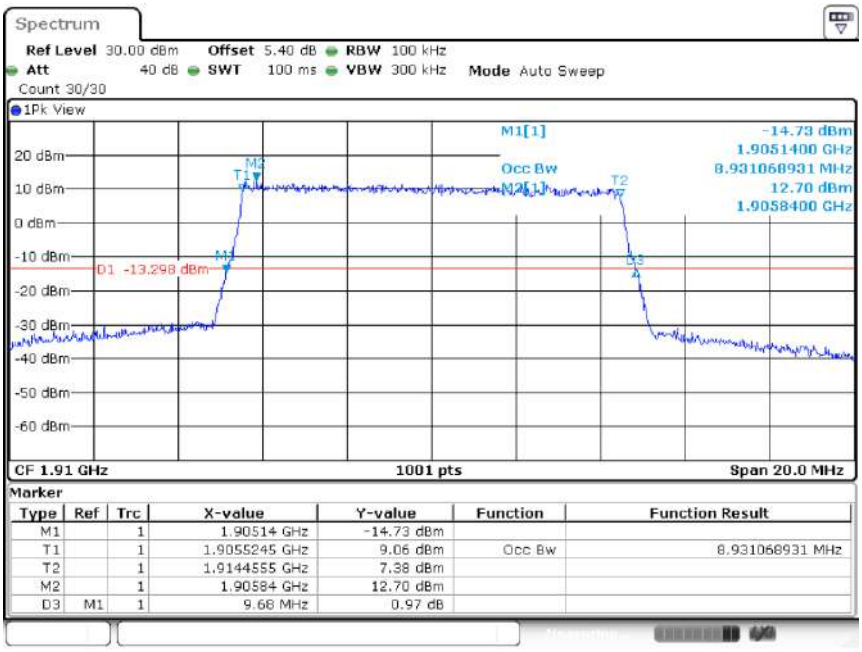
Band25-10MHz-16QAM-26640-50RB#0-8.931



Date: 27.JAN.2021 11:52:48

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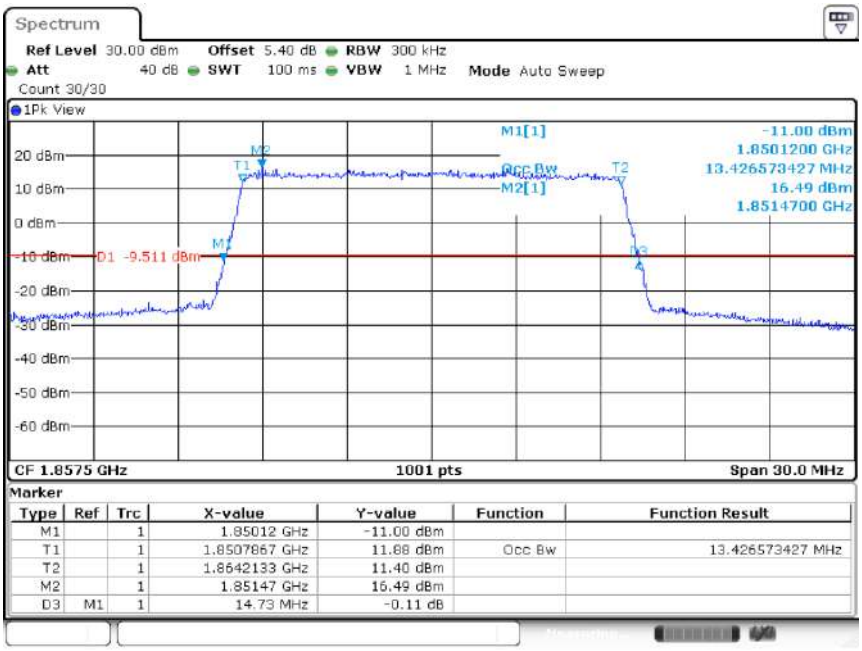
Band25-15MHz-QPSK-26115-75RB#0-13.427



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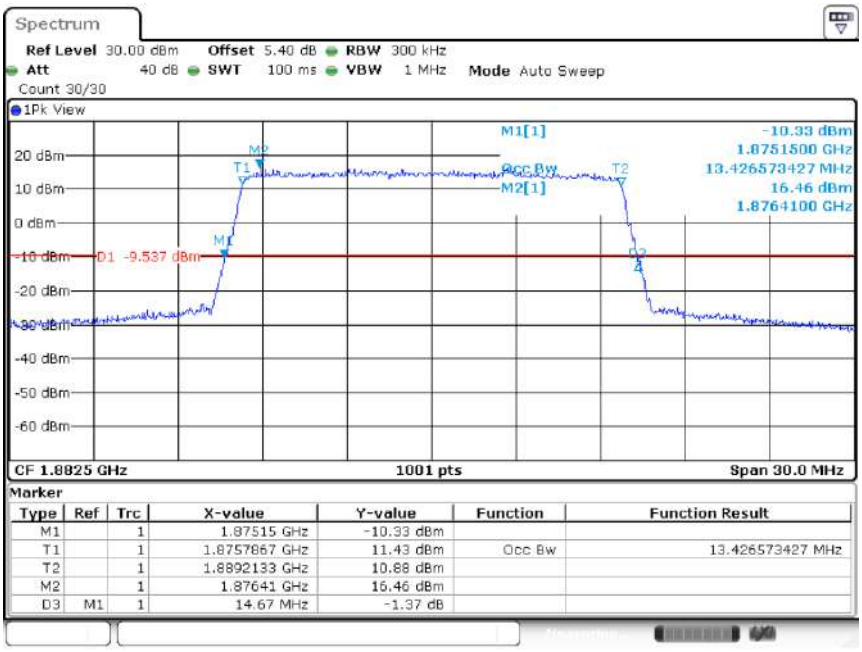
Band25-15MHz-QPSK-26365-75RB#0-13.427



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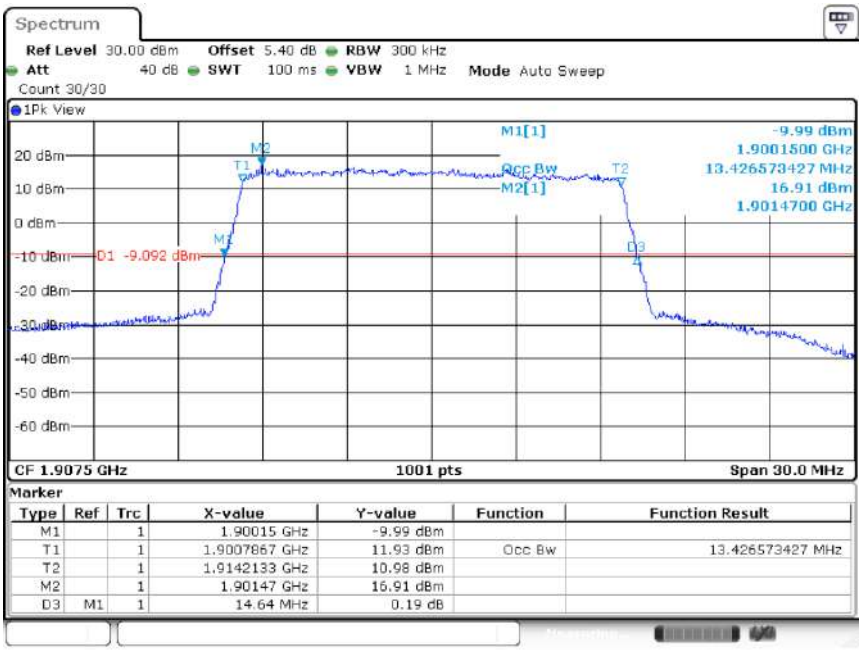
Band25-15MHz-QPSK-26615-75RB#0-13.427



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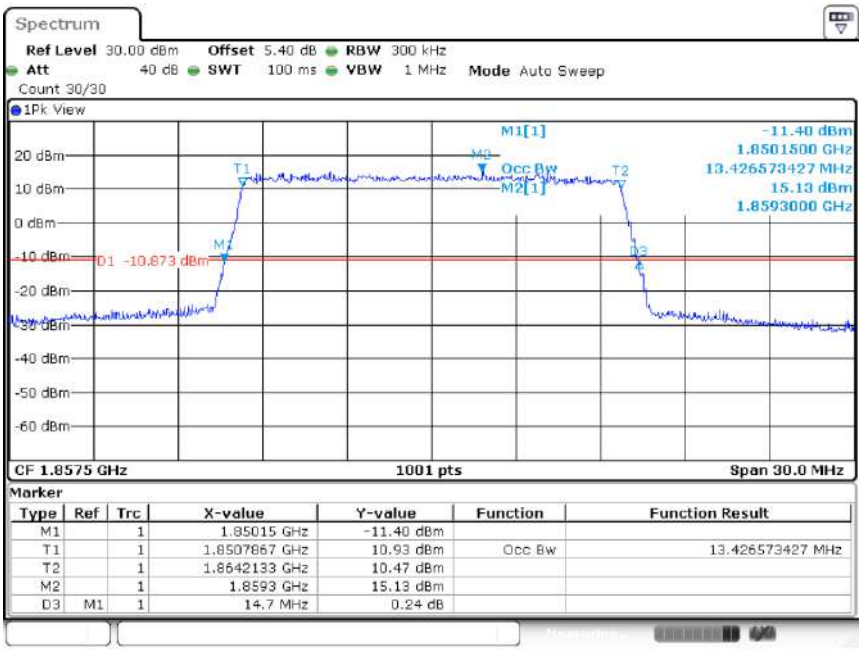
Band25-15MHz-64QAM-26115-75RB#0-13.427



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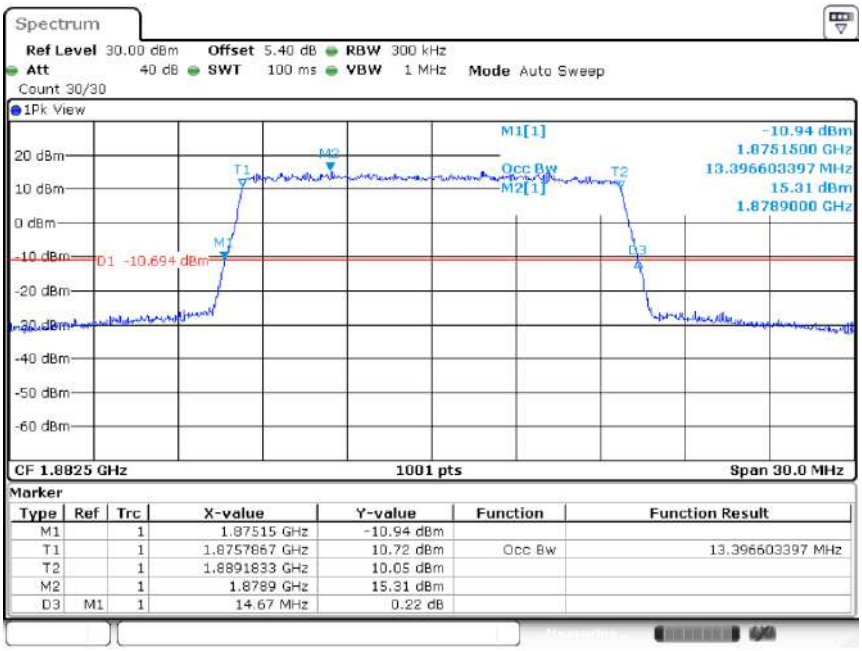
Band25-15MHz-64QAM-26365-75RB#0-13.397



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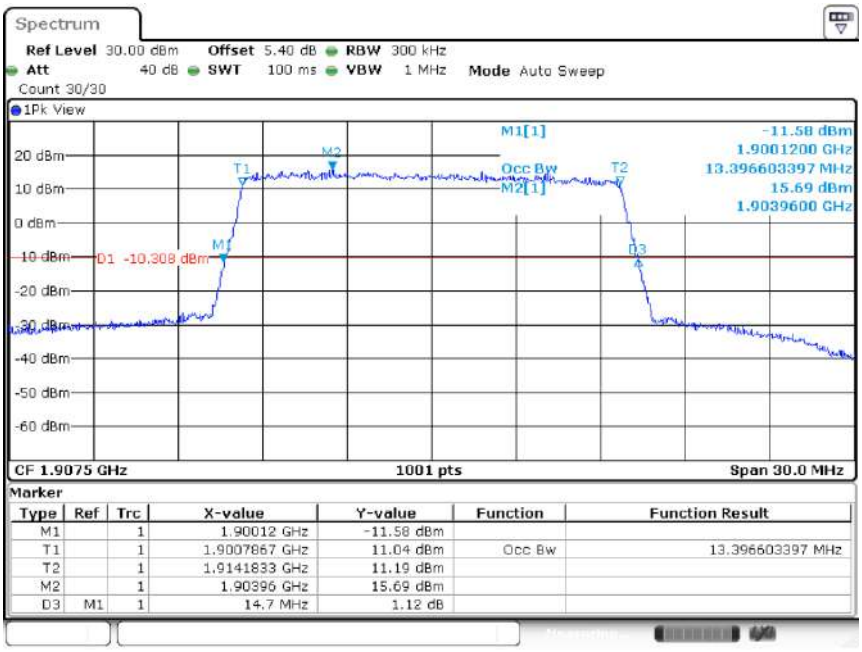
Band25-15MHz-64QAM-26615-75RB#0-13.397



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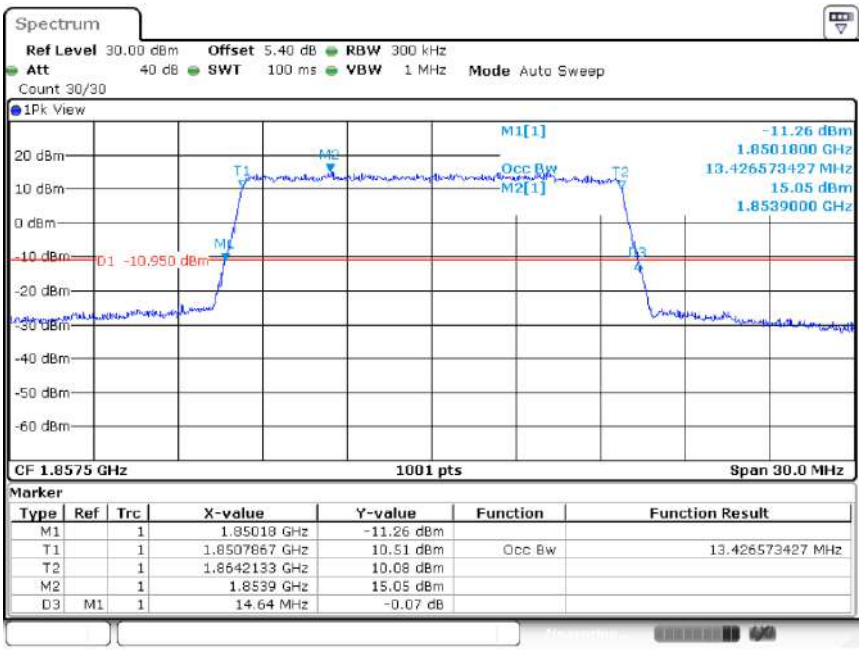
Band25-15MHz-16QAM-26115-75RB#0-13.427

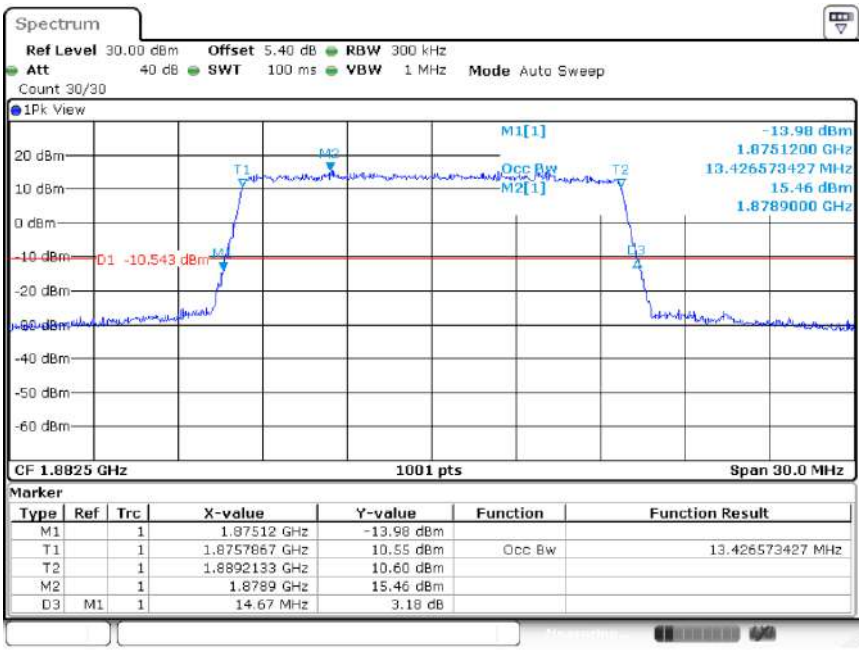


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85018 GHz	-11.26 dBm		
T1		1	1.8507867 GHz	10.51 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8642133 GHz	10.08 dBm		
M2		1	1.8539 GHz	15.05 dBm		
D3	M1	1	14.64 MHz	-0.07 dB		

Date: 27.JAN.2021 11:53:18

Band25-15MHz-16QAM-26365-75RB#0-13.427



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87512 GHz	-13.98 dBm		
T1		1	1.8757867 GHz	10.55 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8892133 GHz	10.60 dBm		
M2		1	1.8789 GHz	15.46 dBm		
D3	M1	1	14.67 MHz	3.18 dB		

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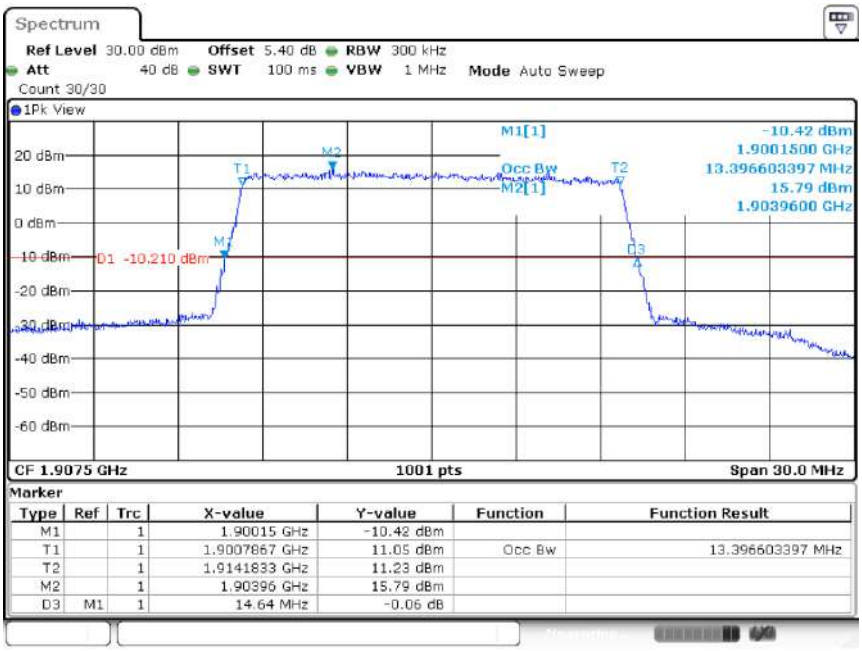
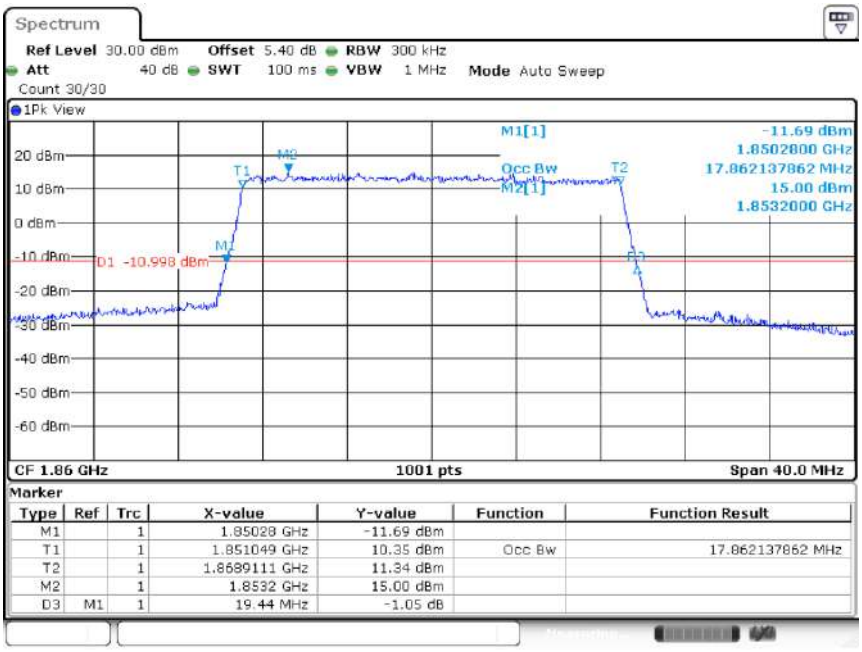


Date: 27.JAN.2021 11:54:10

Band25-20MHz-QPSK-26140-100RB#0-17.862



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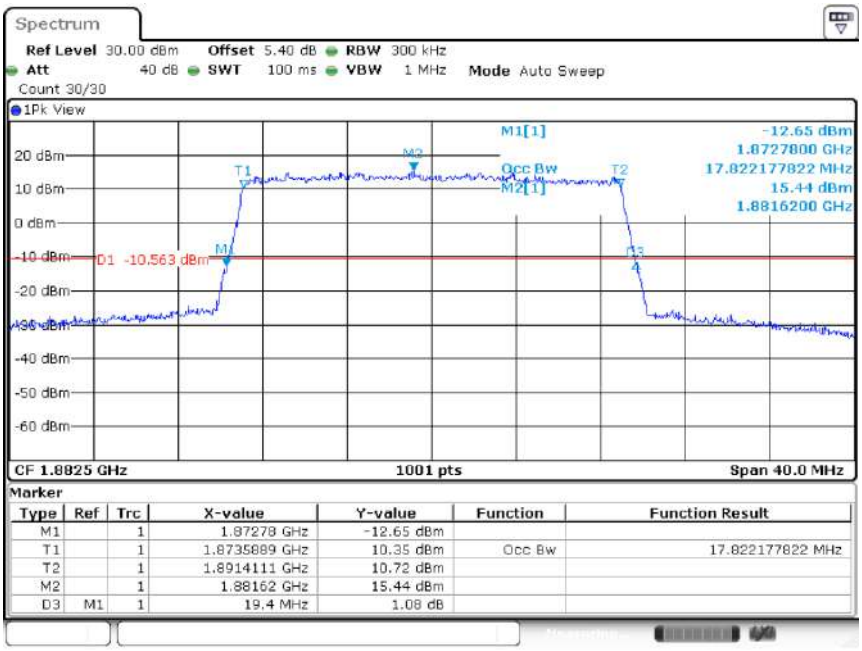
Band25-20MHz-QPSK-26365-100RB#0-17.822



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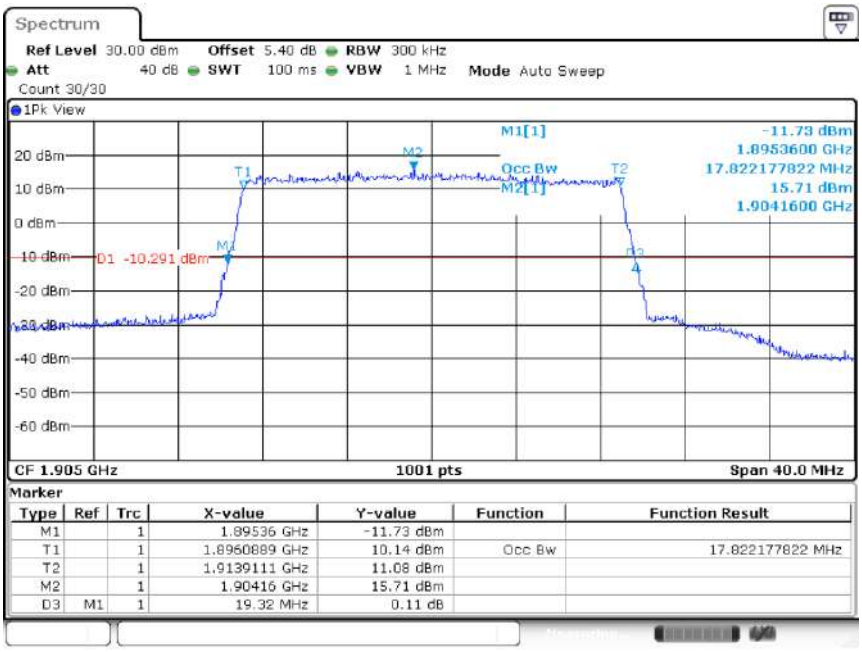
Band25-20MHz-QPSK-26590-100RB#0-17.822



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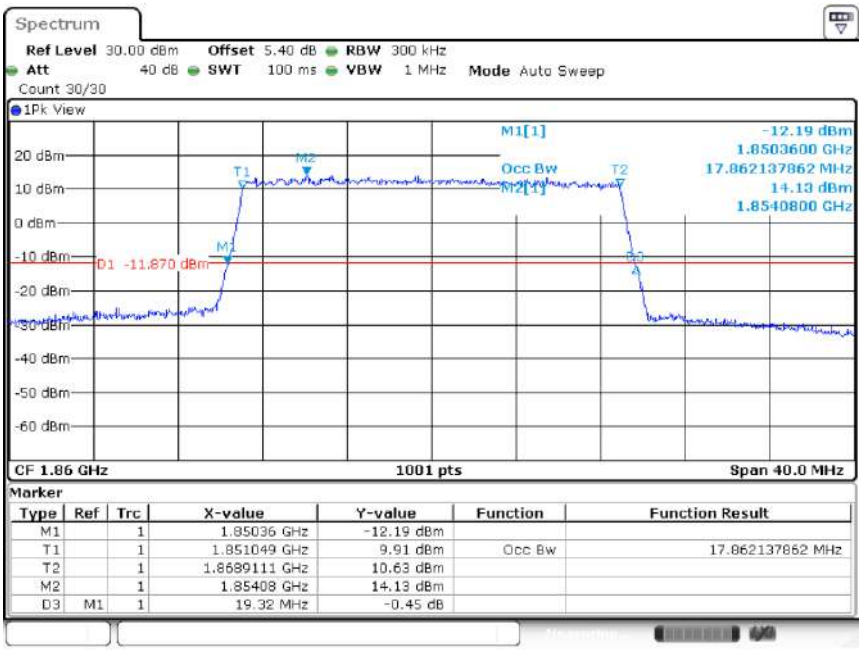
Band25-20MHz-64QAM-26140-100RB#0-17.862



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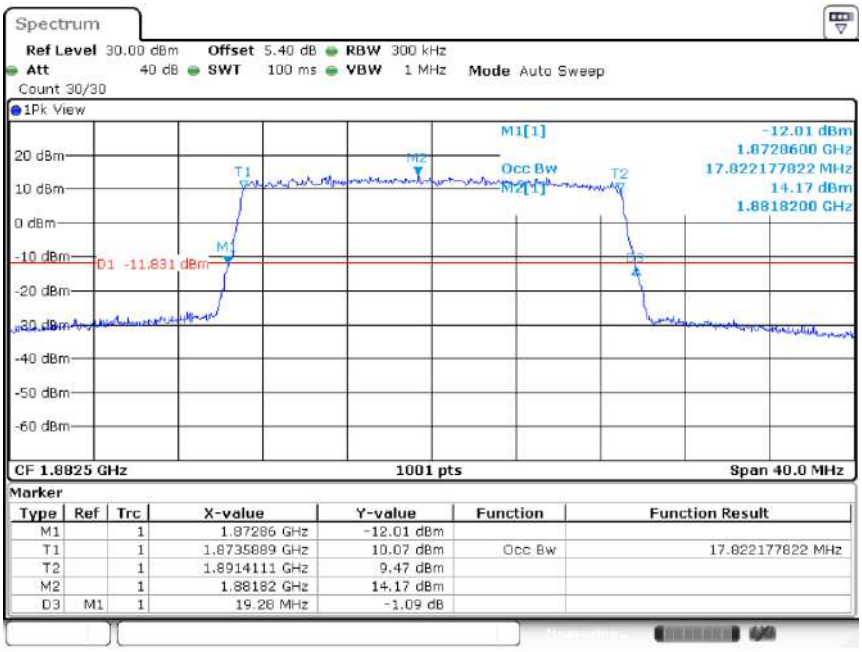
Band25-20MHz-64QAM-26365-100RB#0-17.822



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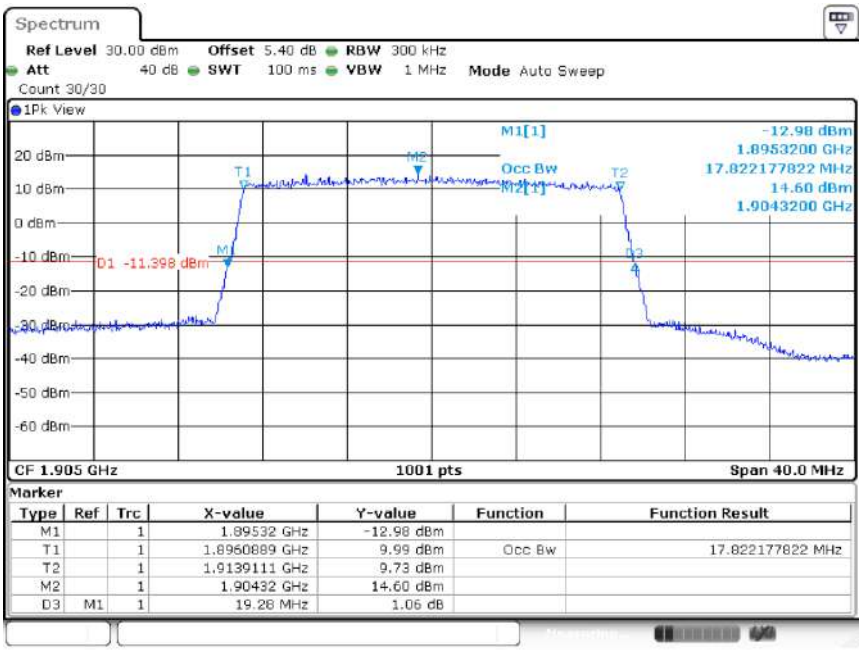
Band25-20MHz-64QAM-26590-100RB#0-17.822



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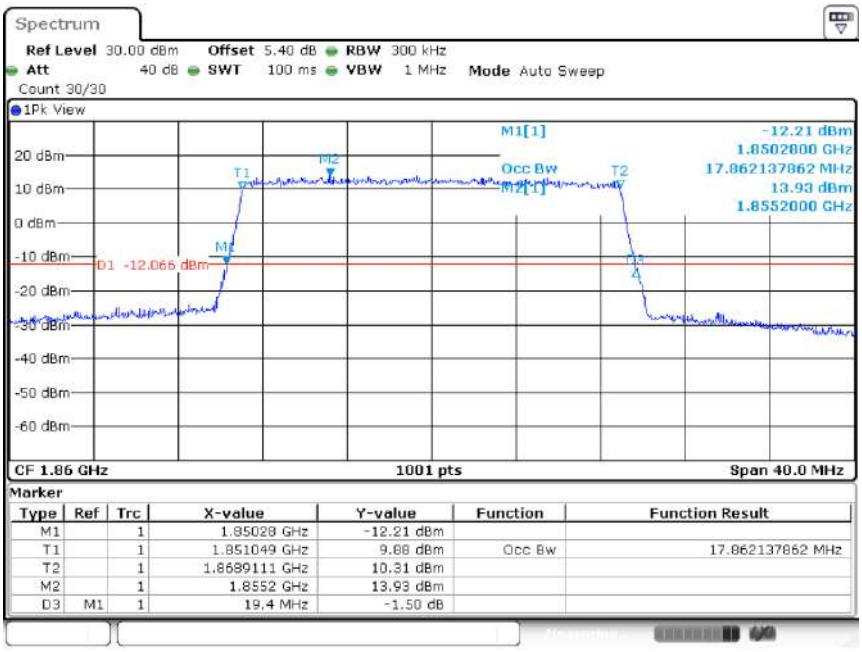

Date: 27.JAN.2021 11:54:40

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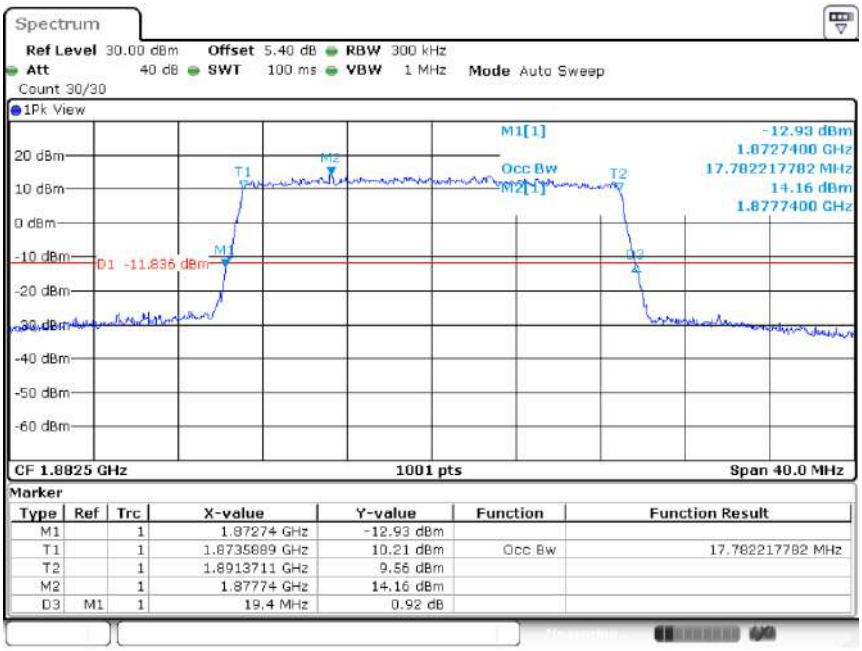

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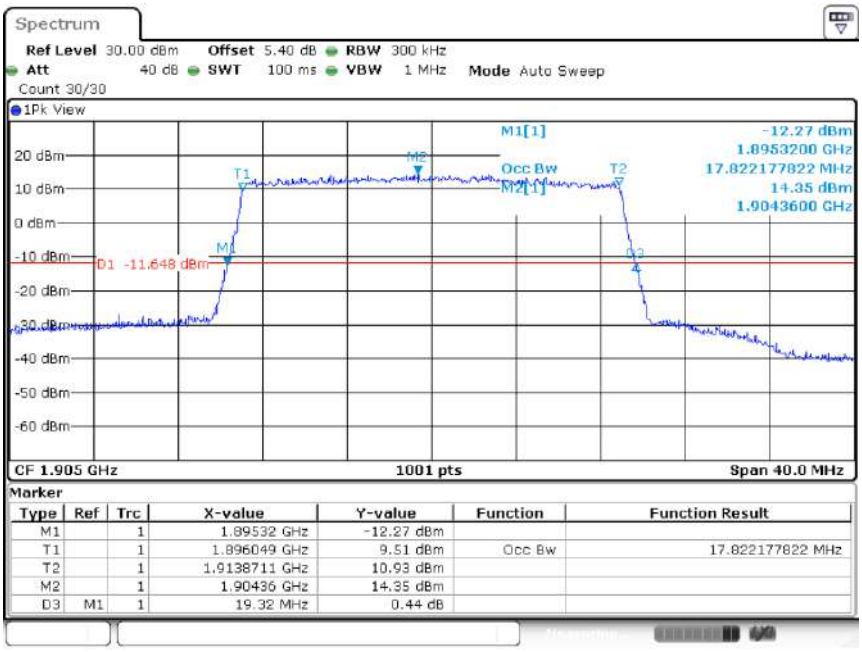

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5. Band Edge Compliance

5.1. Test Plots

Band25-1.4MHz-QPSK-26047-1RB#0

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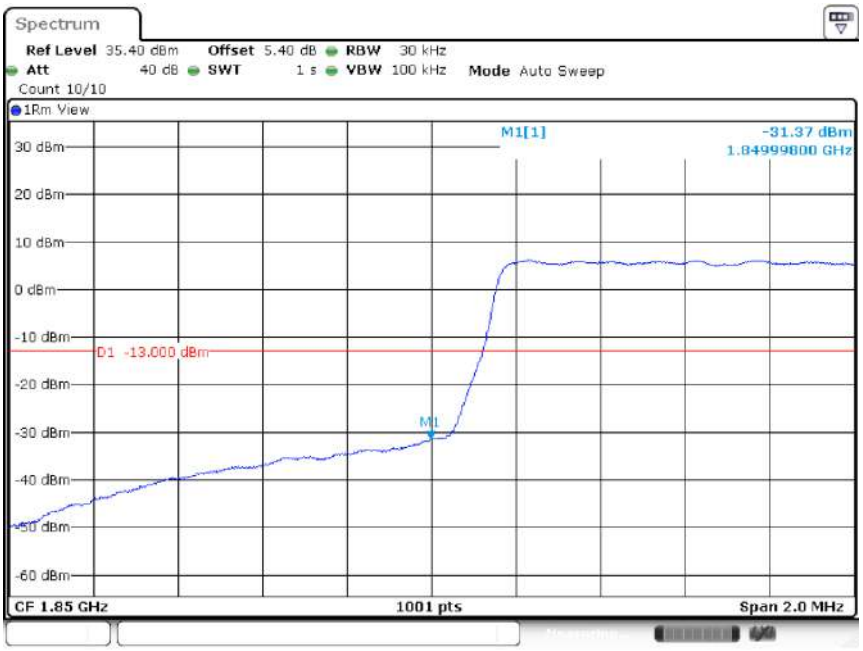
Band25-1.4MHz-QPSK-26047-6RB#0



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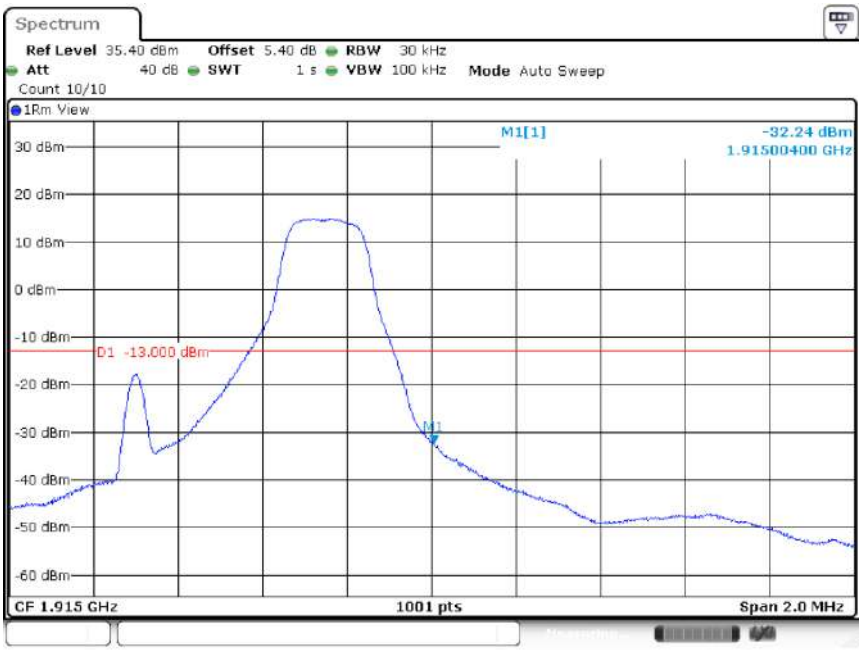
Band25-1.4MHz-QPSK-26683-1RB#5



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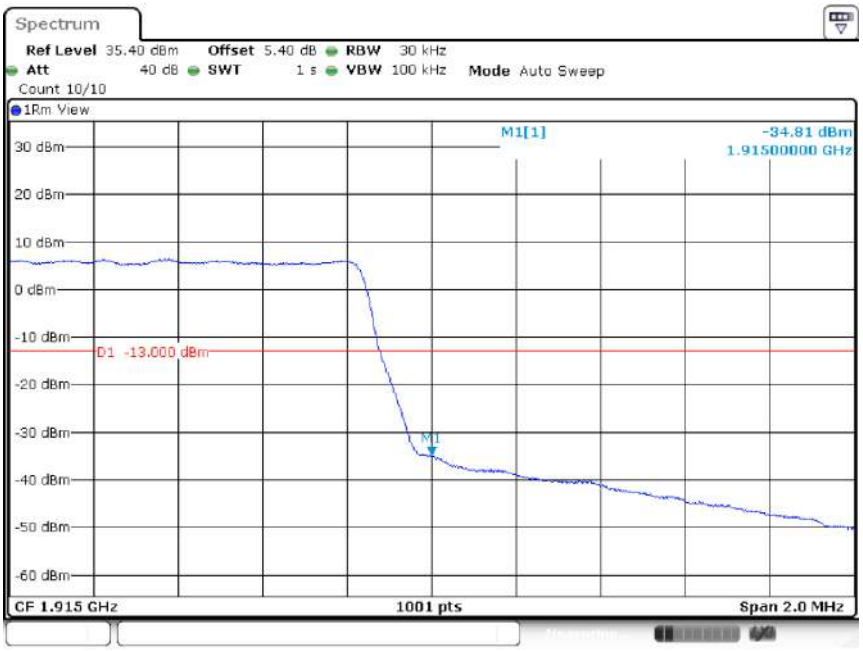
Band25-1.4MHz-QPSK-26683-6RB#0



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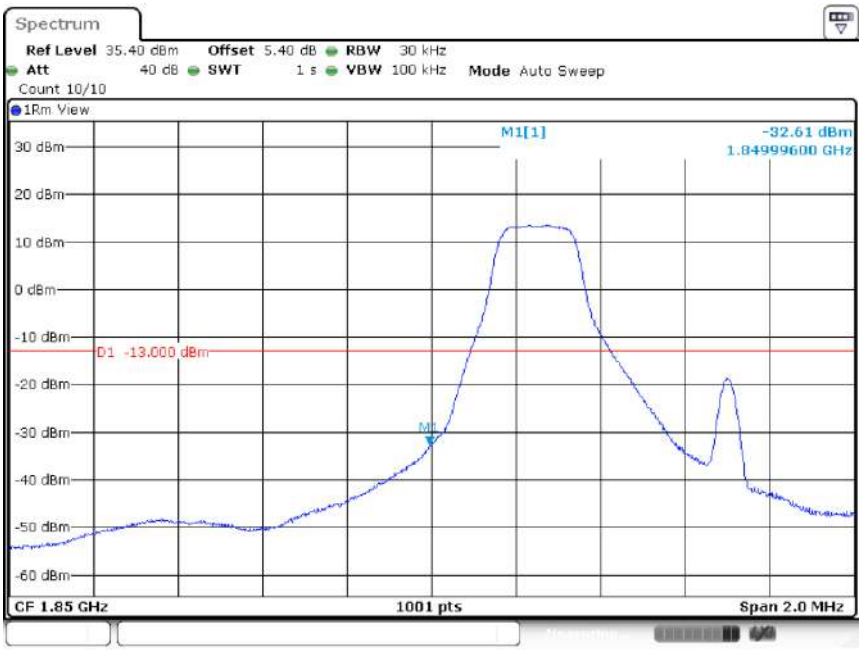

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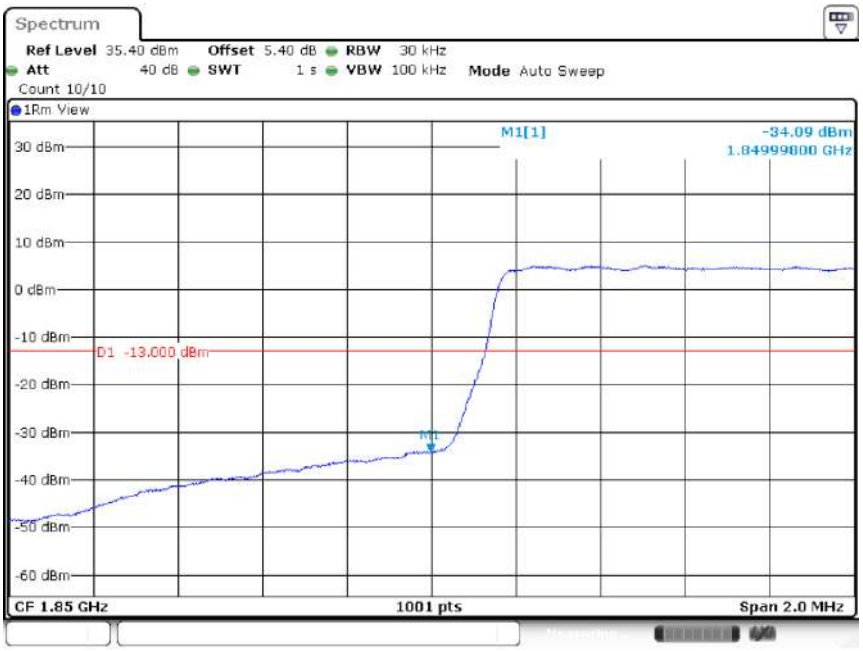
Band25-1.4MHz-64QAM-26047-6RB#0



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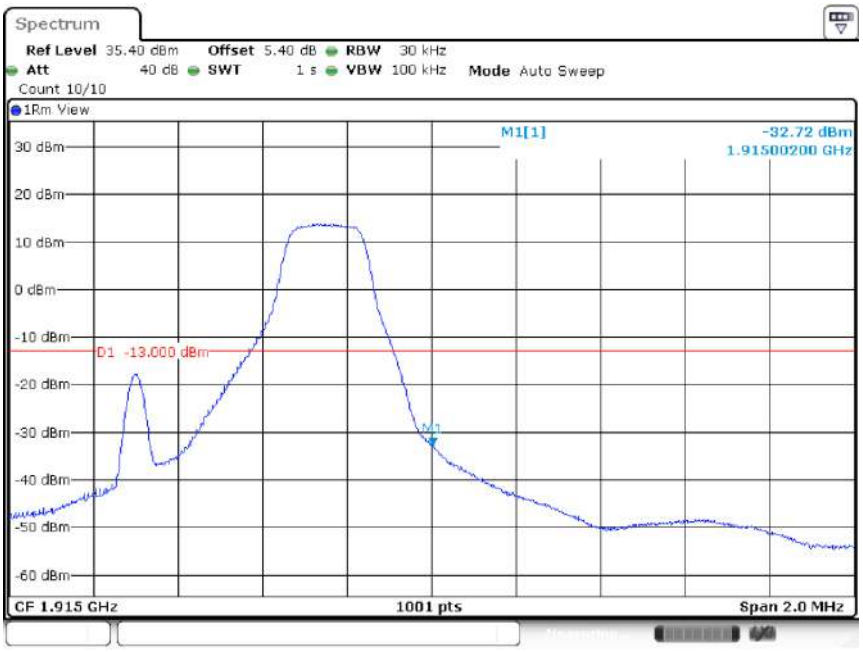

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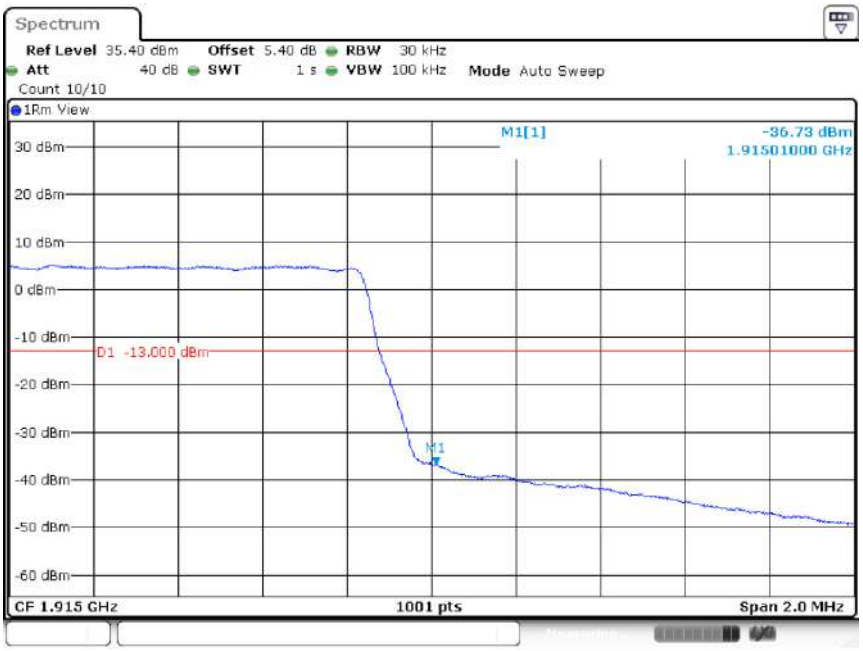
Band25-1.4MHz-64QAM-26683-6RB#0



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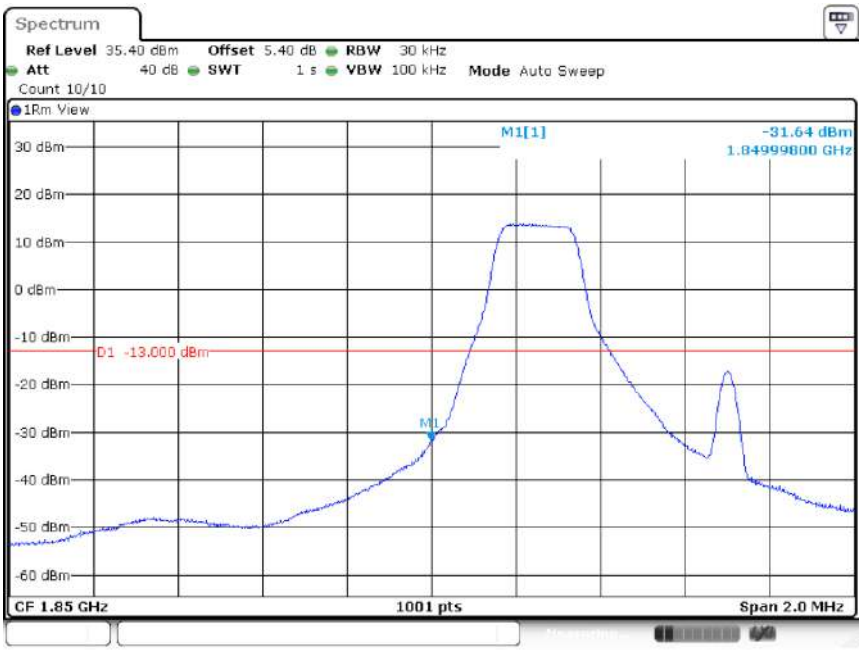

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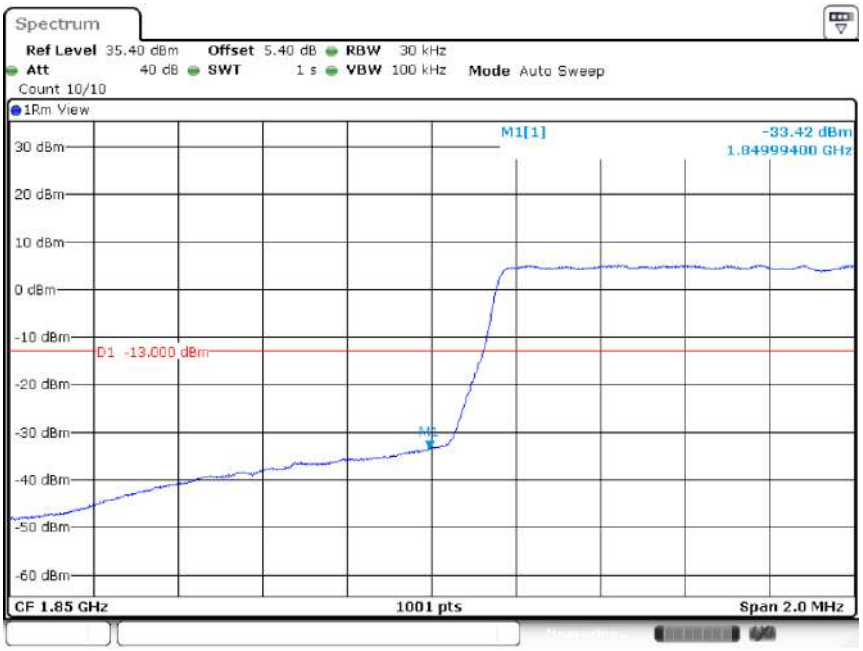

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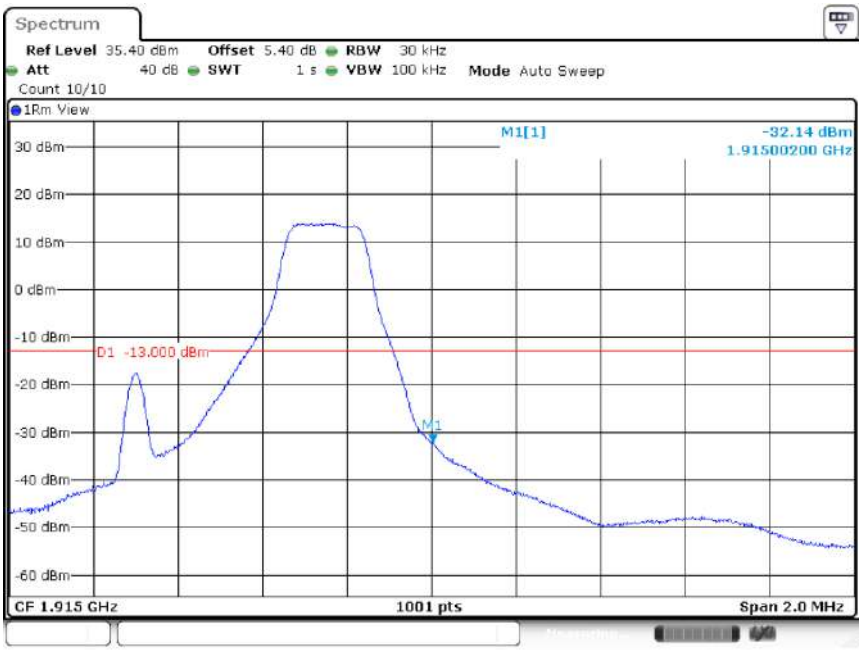

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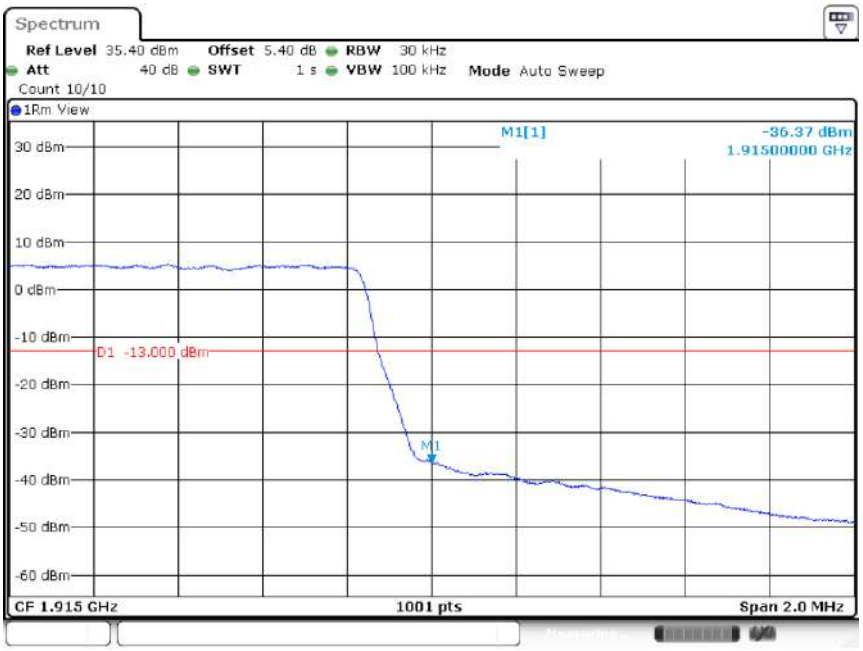

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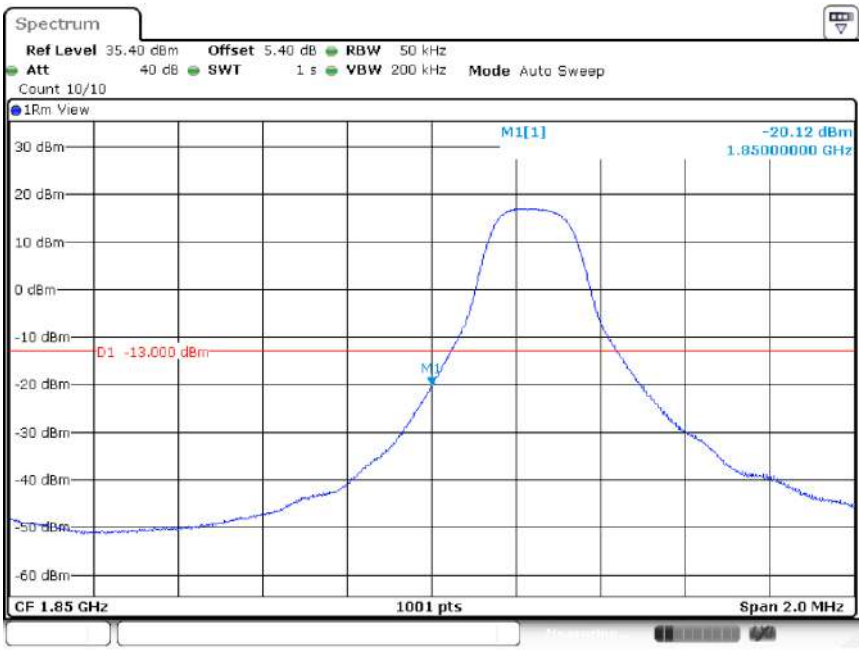
Band25-3MHz-QPSK-26055-1RB#0



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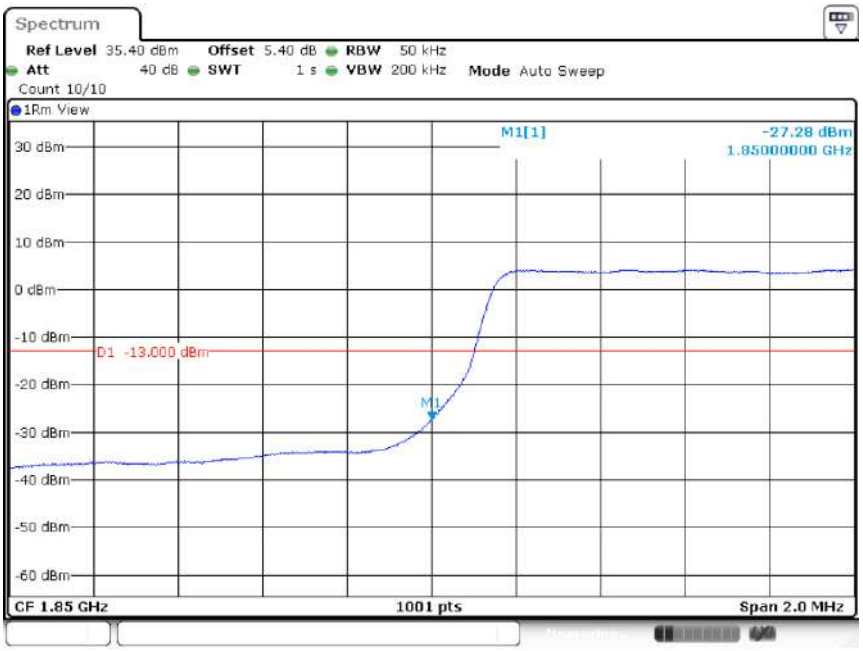
Band25-3MHz-QPSK-26055-15RB#0



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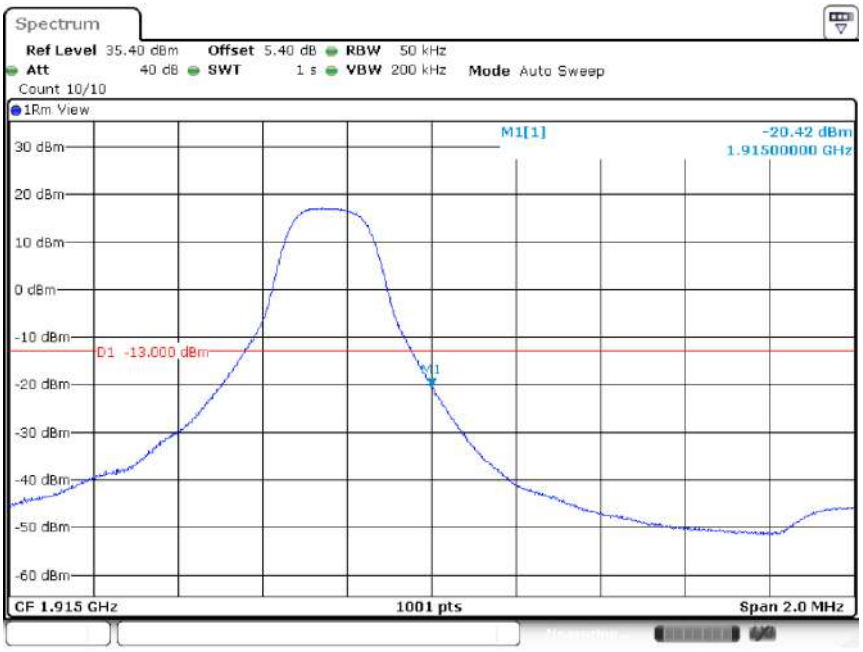

Date: 27.JAN.2021 12:00:17

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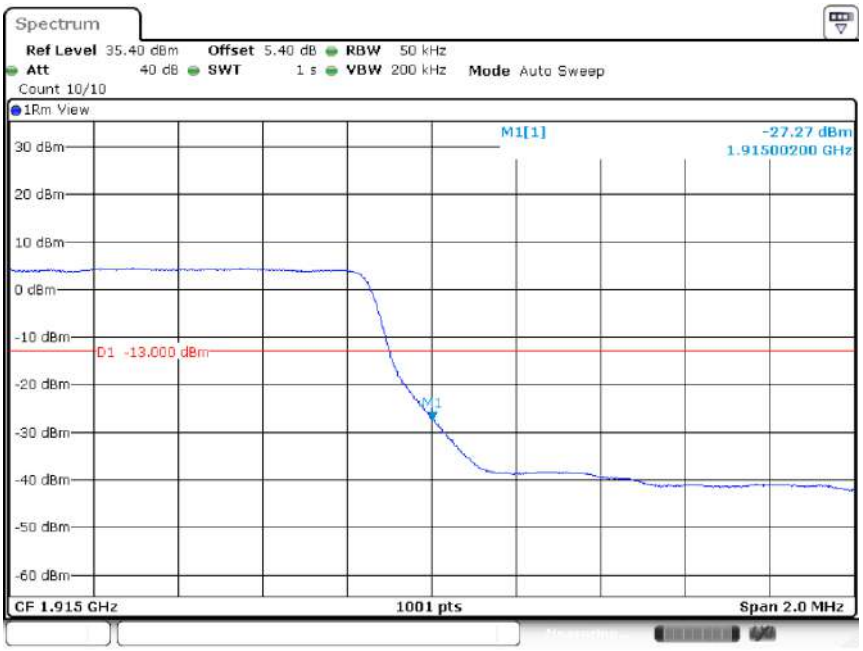
Band25-3MHz-QPSK-26675-15RB#0



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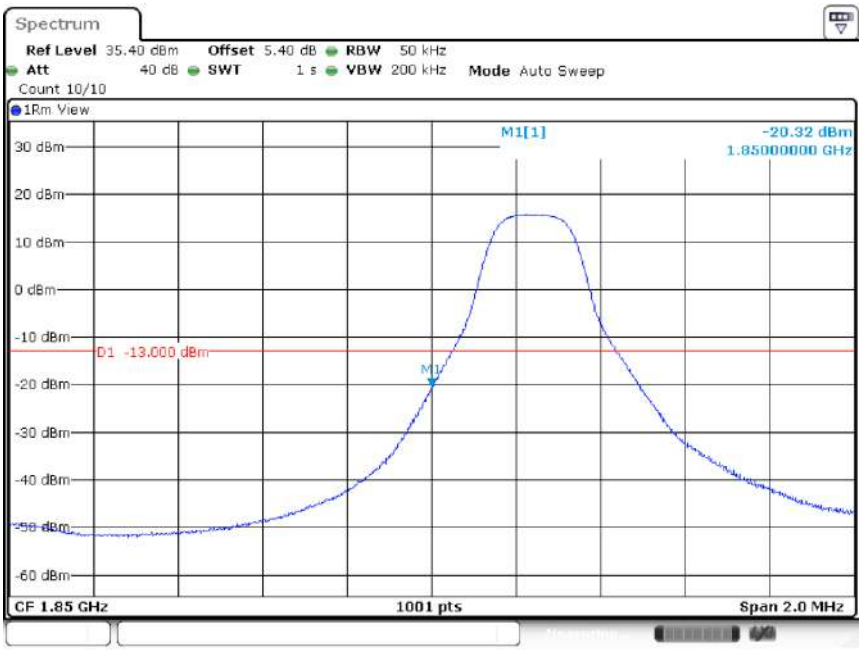

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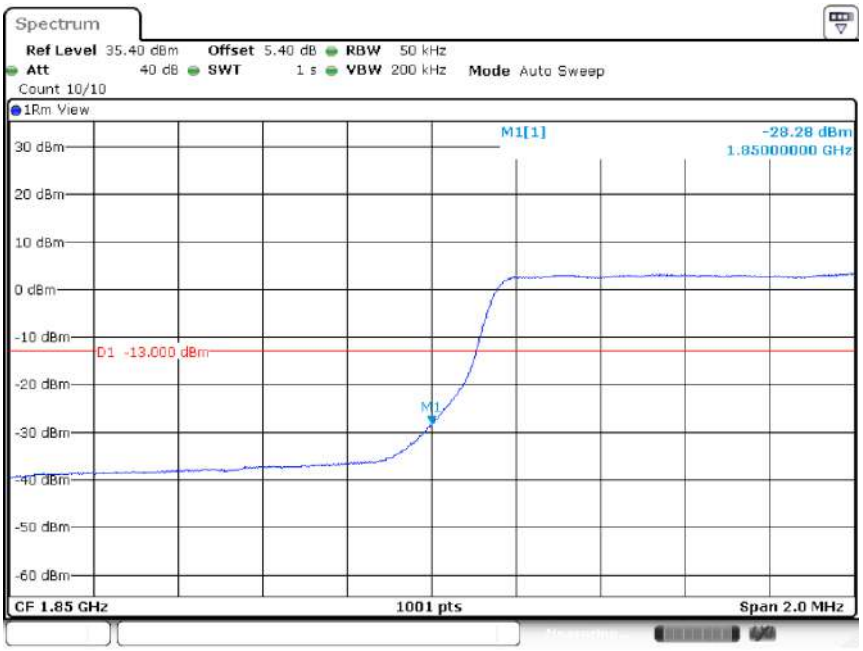
Band25-3MHz-64QAM-26055-15RB#0



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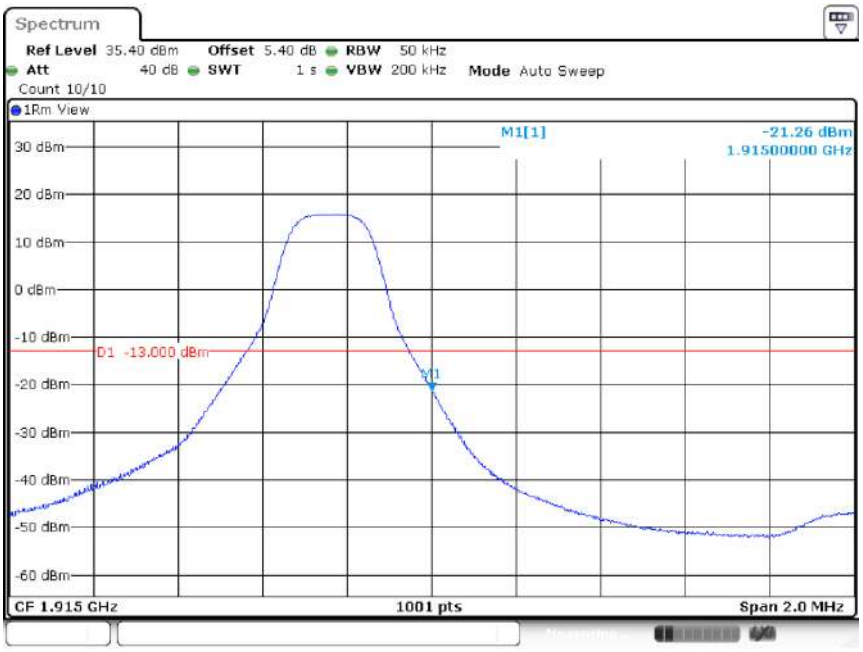
Band25-3MHz-64QAM-26675-1RB#14



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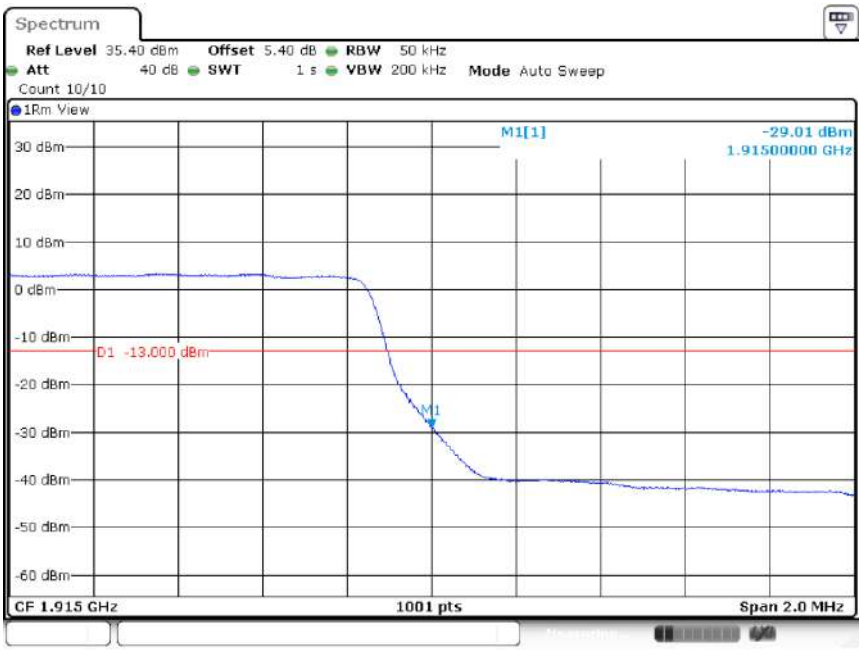
Band25-3MHz-64QAM-26675-15RB#0



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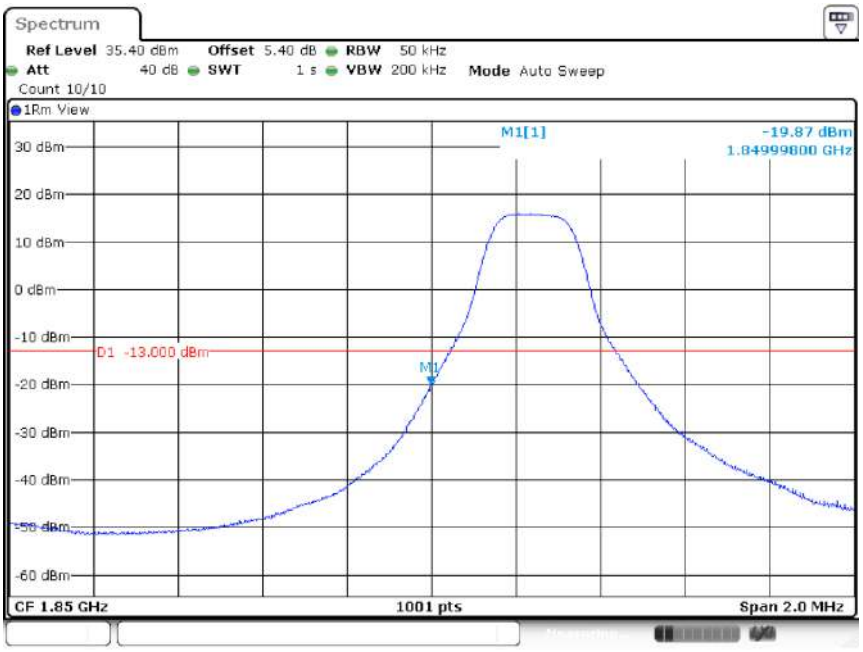

Date: 27.JAN.2021 11:59:11

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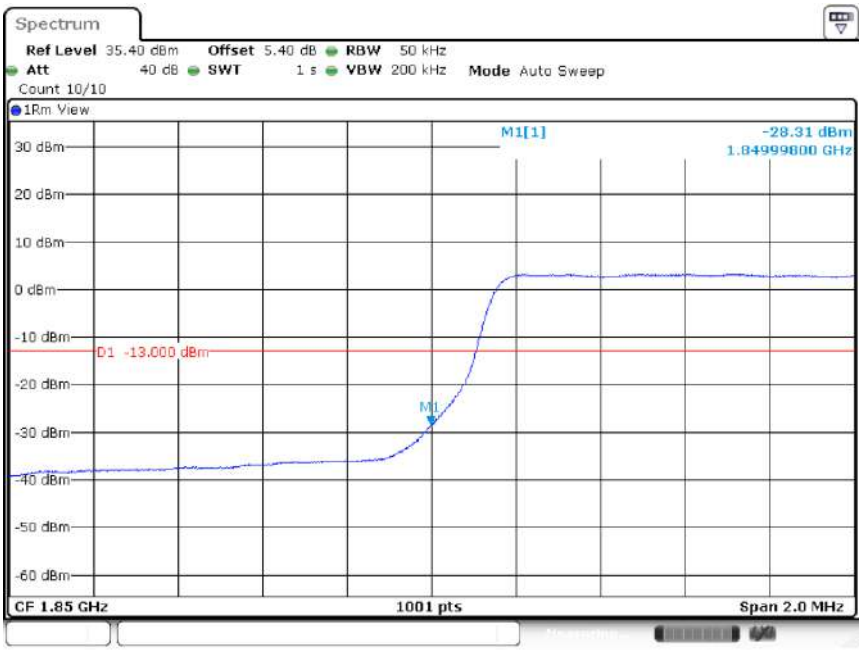
Band25-3MHz-16QAM-26055-15RB#0



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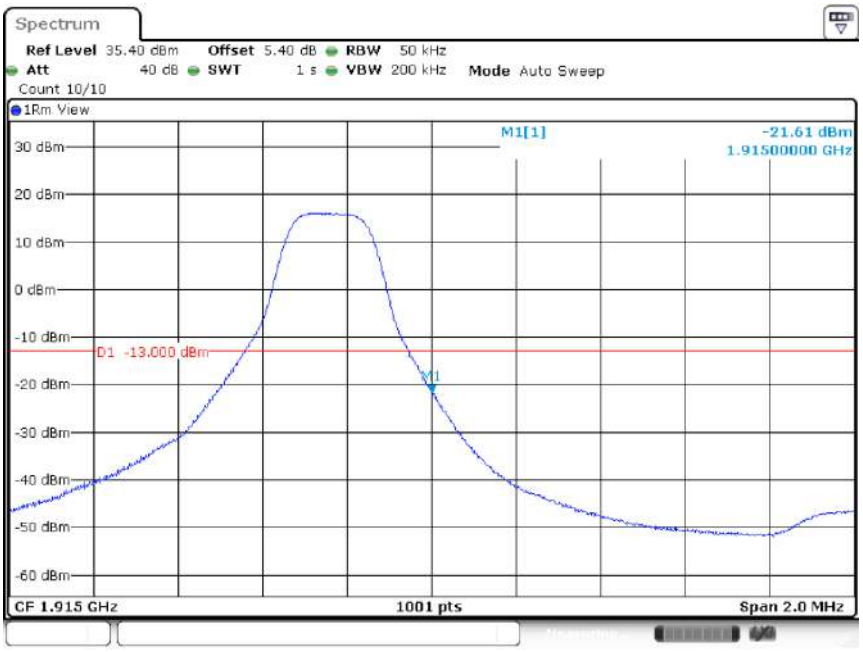
Band25-3MHz-16QAM-26675-1RB#14



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

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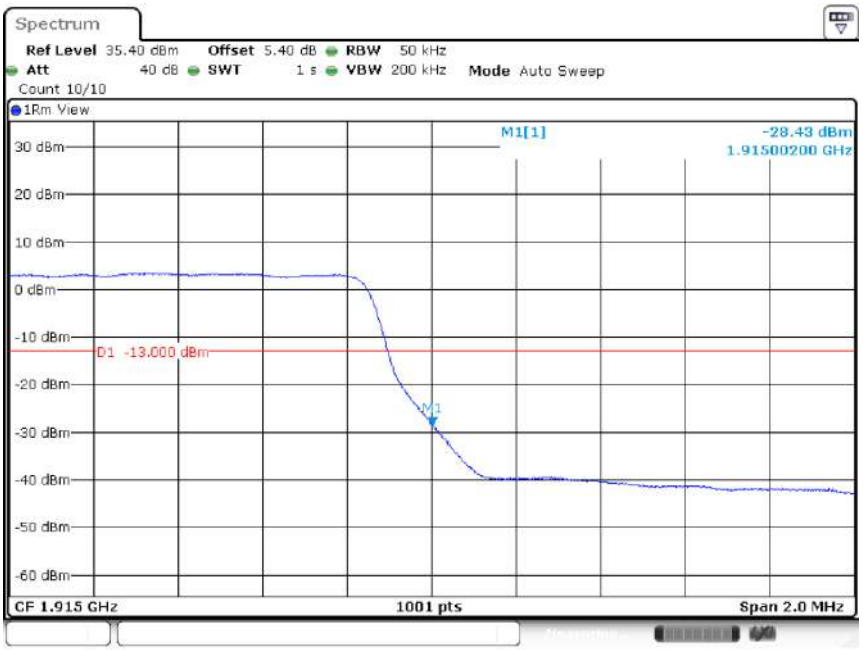
Band25-3MHz-16QAM-26675-15RB#0



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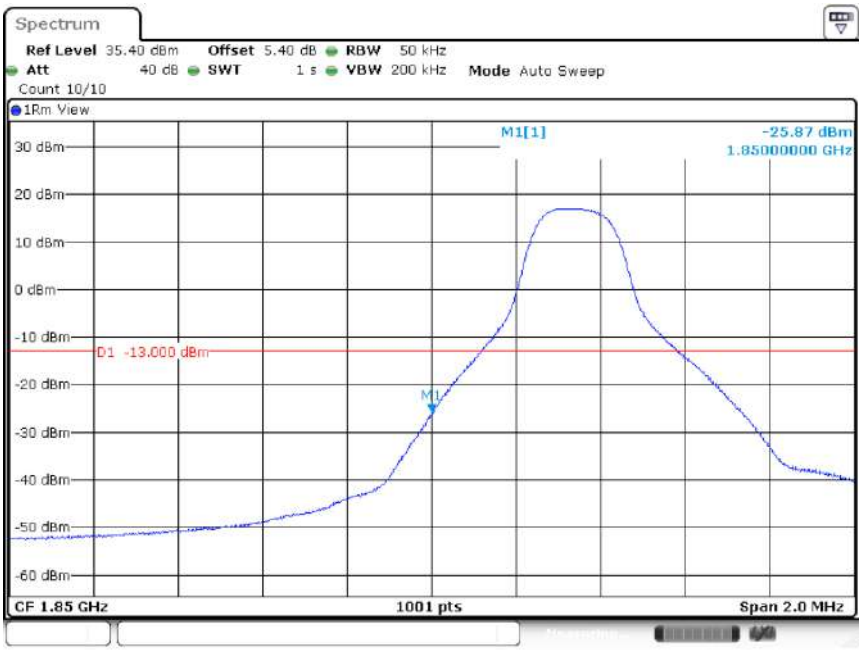
Band25-5MHz-QPSK-26065-1RB#0



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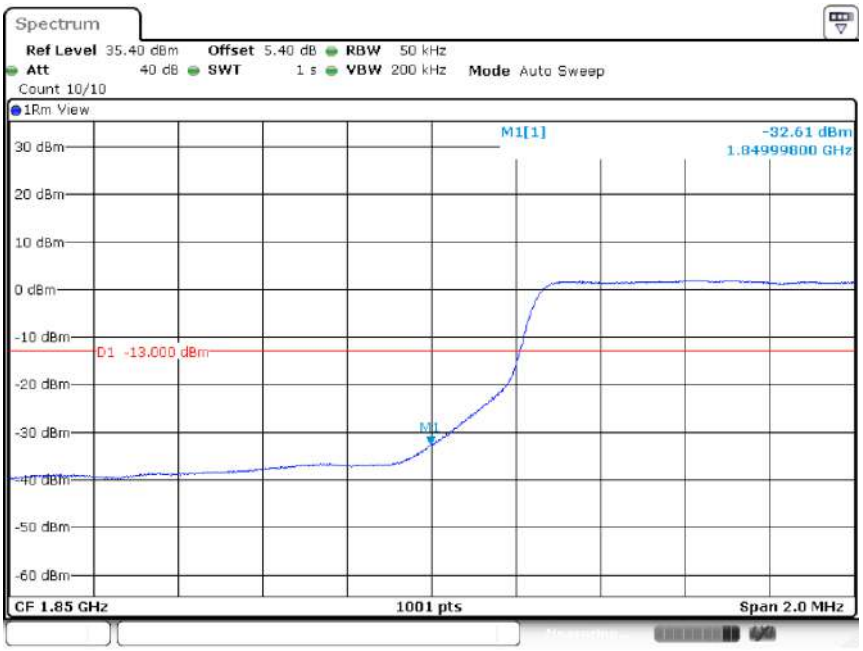
Band25-5MHz-QPSK-26065-25RB#0



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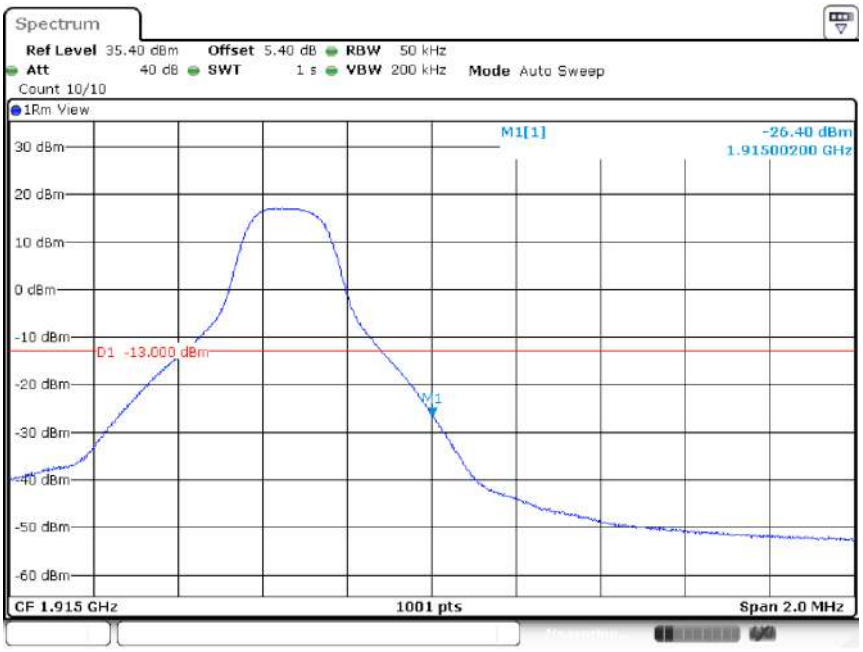
Band25-5MHz-QPSK-26665-1RB#24



Date: 27.JAN.2021 12:03:11

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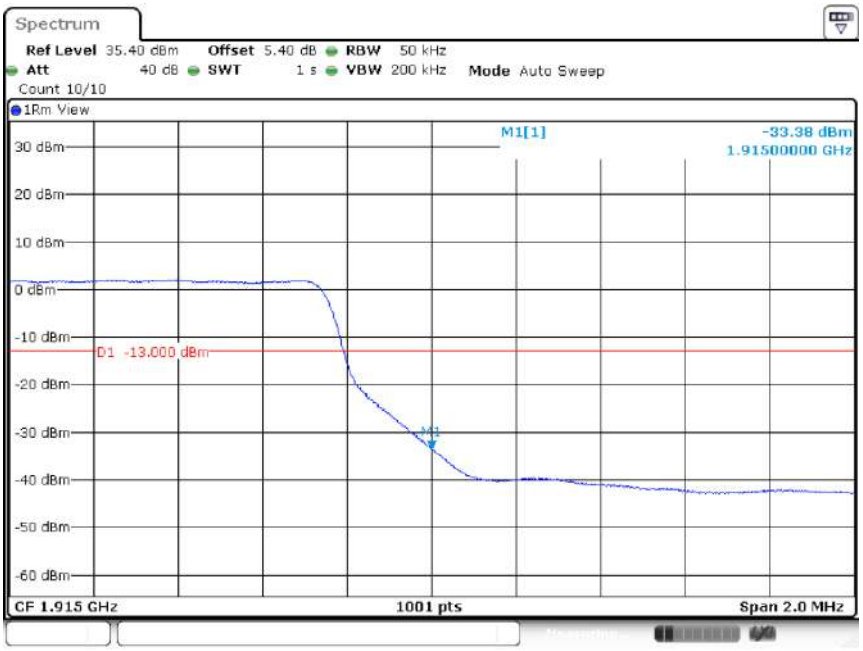

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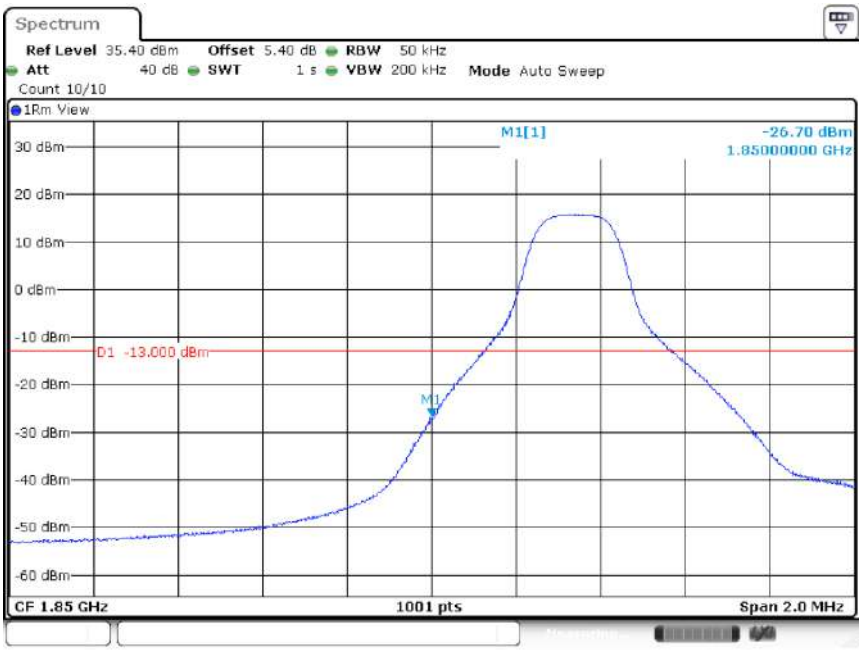

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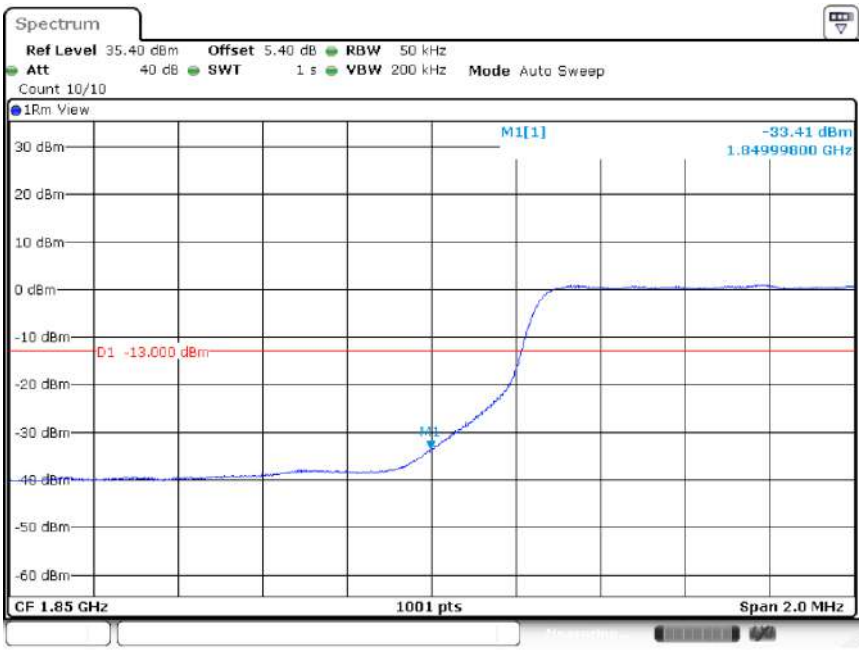

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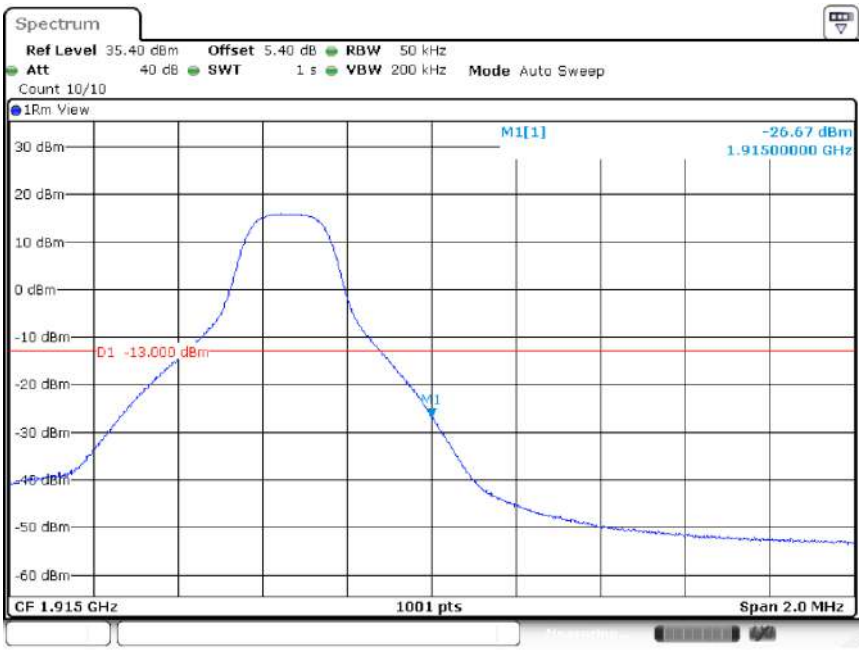
Band25-5MHz-64QAM-26665-1RB#24



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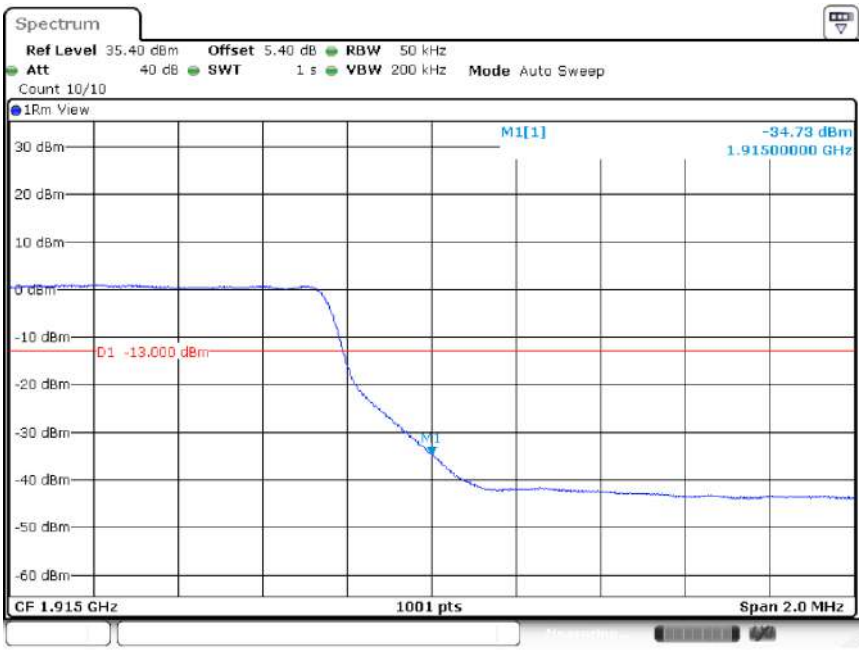

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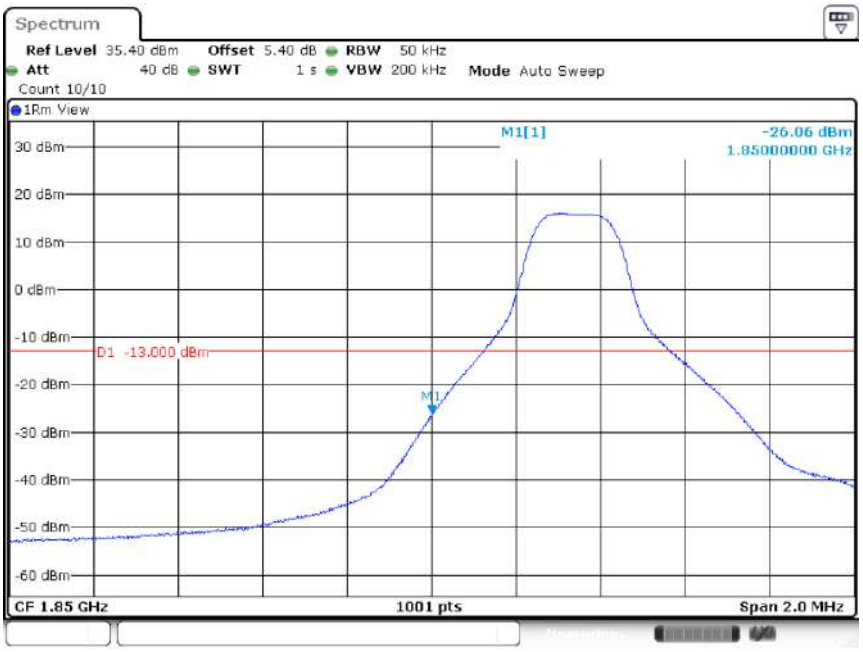

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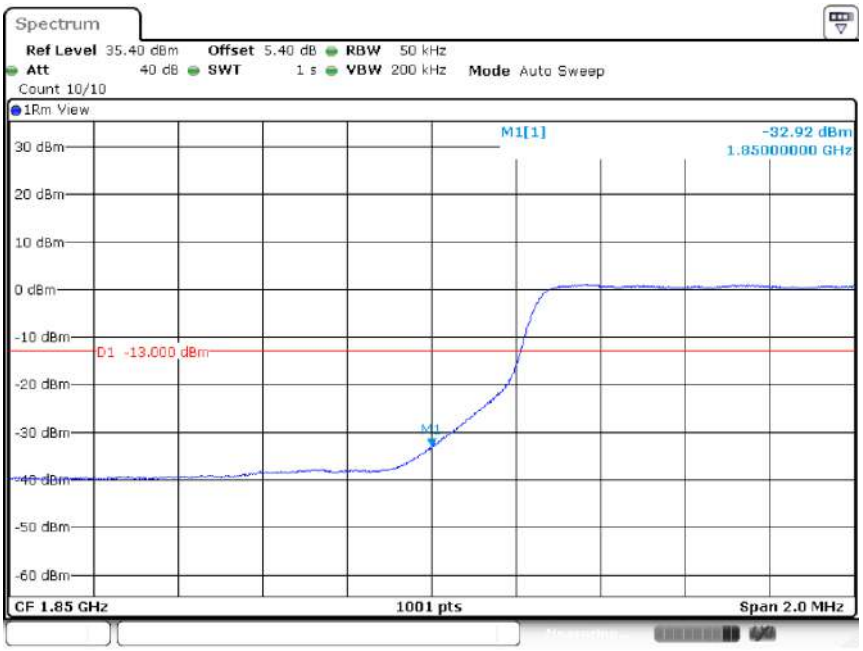
Band25-5MHz-16QAM-26065-25RB#0



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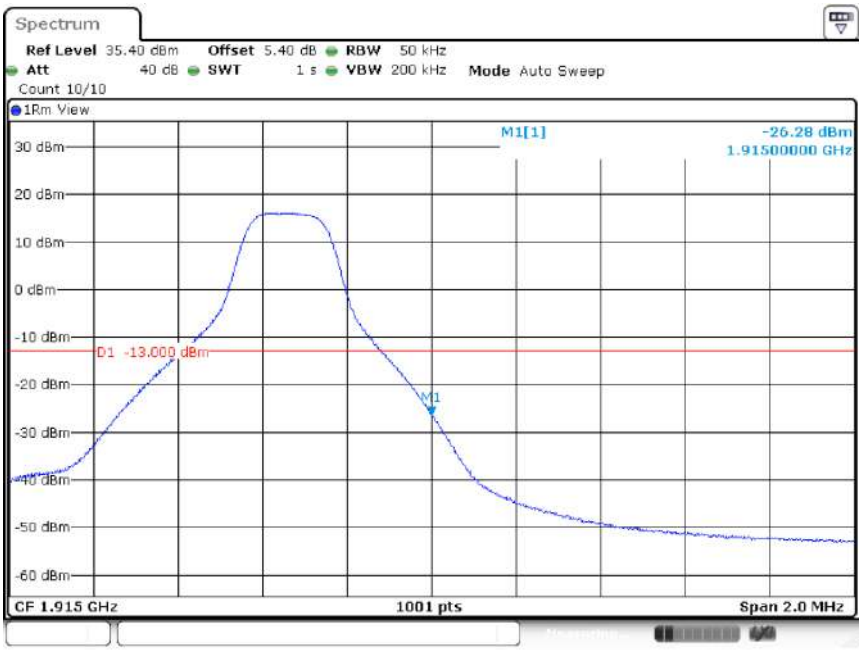
Band25-5MHz-16QAM-26665-1RB#24



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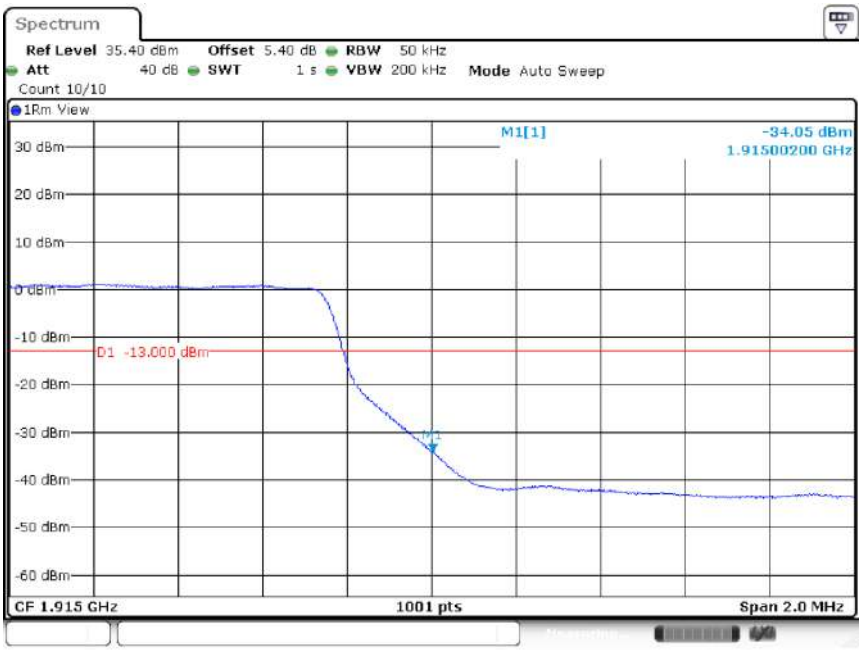

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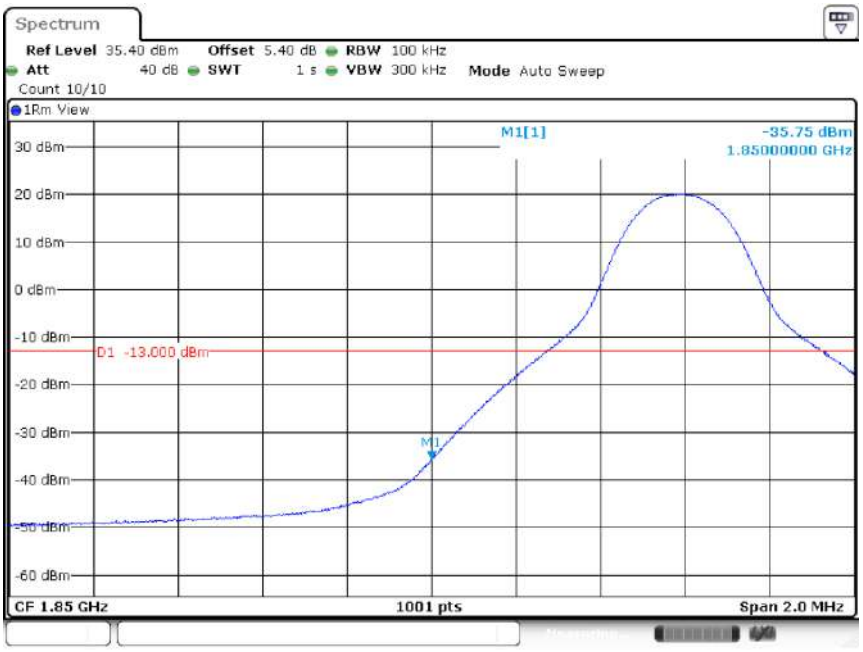

Date: 27.JAN.2021 12:04:38

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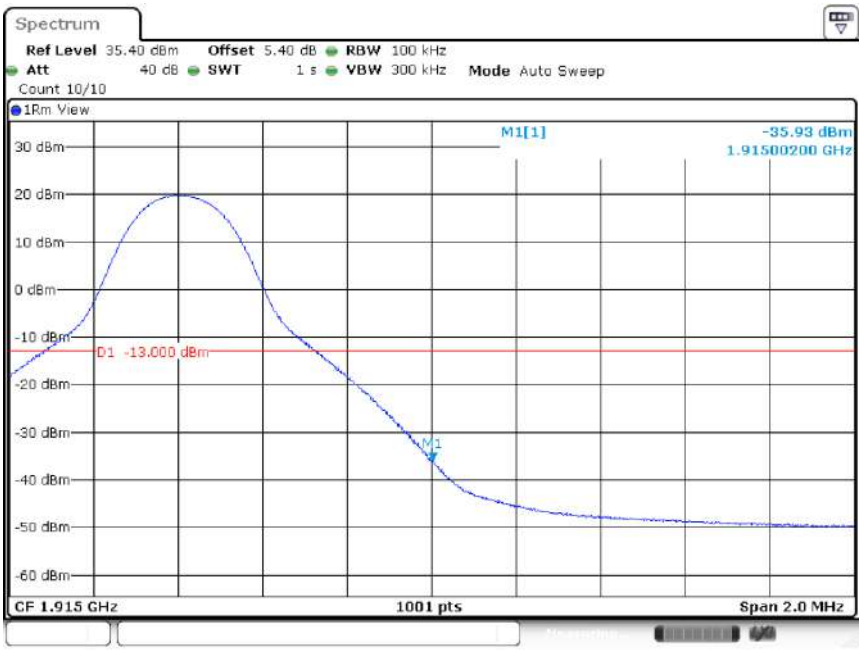
Band25-10MHz-QPSK-26090-50RB#0

Date: 27.JAN.2021 12:05:20

Band25-10MHz-QPSK-26640-1RB#49



Date: 27.JAN.2021 12:06:05

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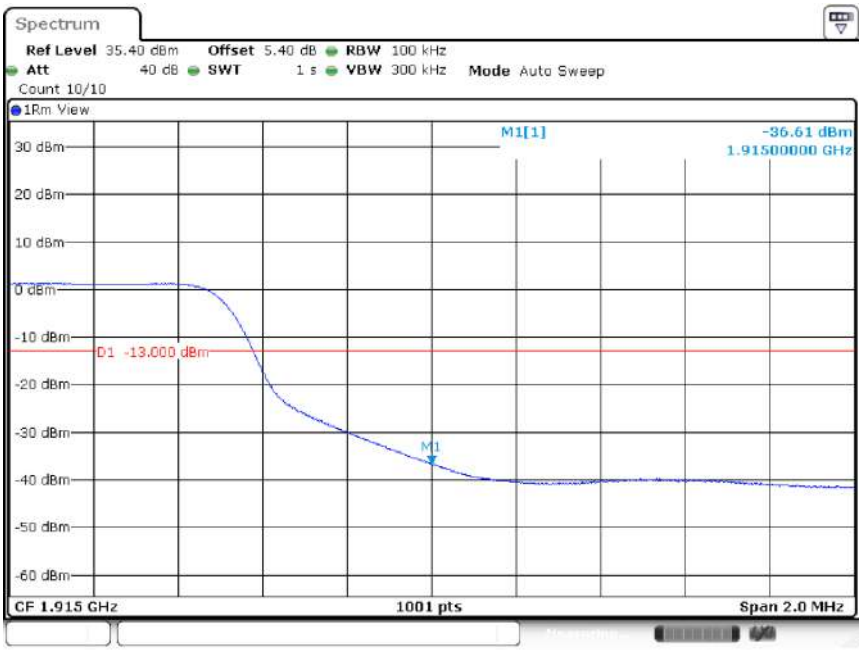
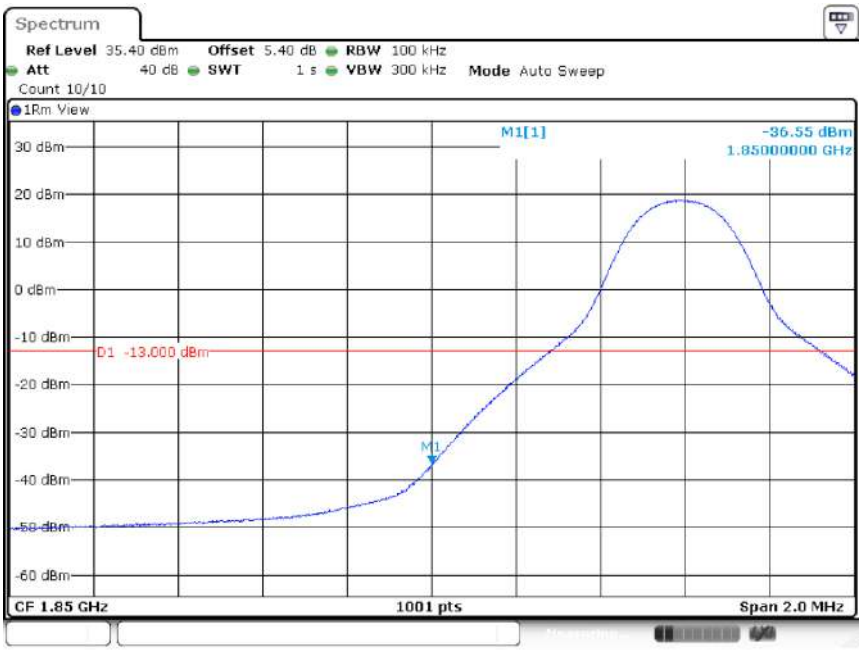
Band25-10MHz-QPSK-26640-50RB#0



Date: 27.JAN.2021 12:06:47

Band25-10MHz-64QAM-26090-1RB#0



Date: 27.JAN.2021 13:15:05

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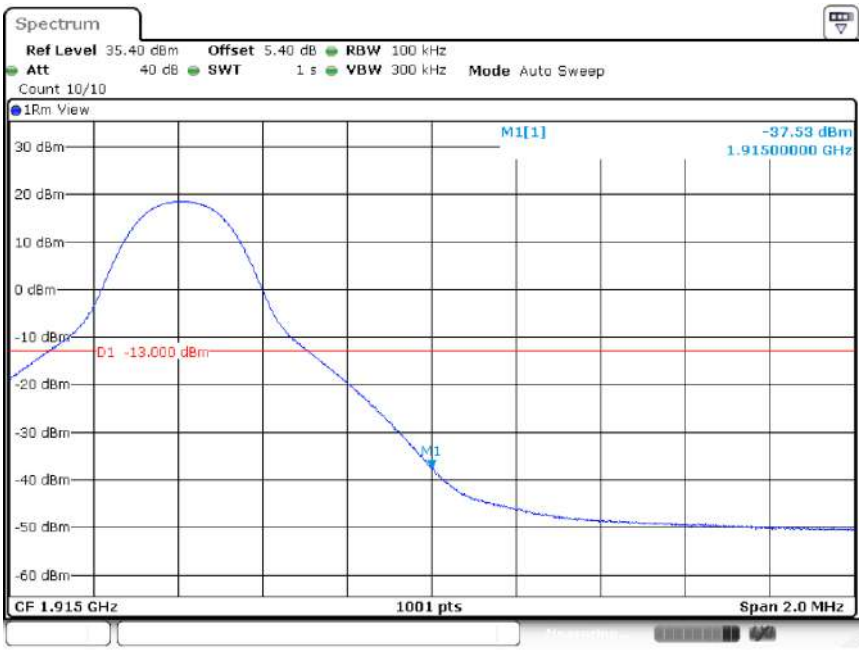
Band25-10MHz-64QAM-26090-50RB#0

Date: 27.JAN.2021 13:15:26

Band25-10MHz-64QAM-26640-1RB#49



Date: 27.JAN.2021 13:15:51

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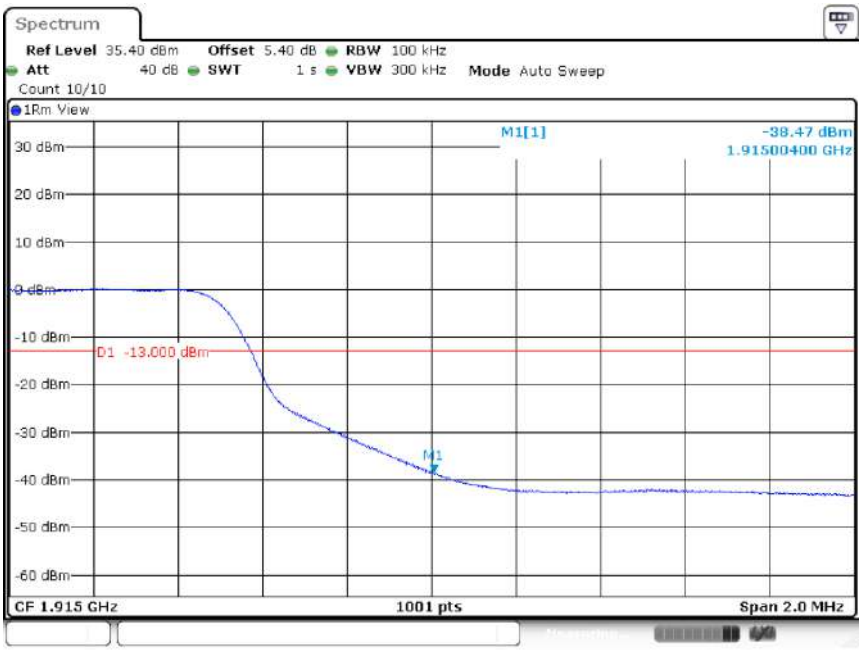
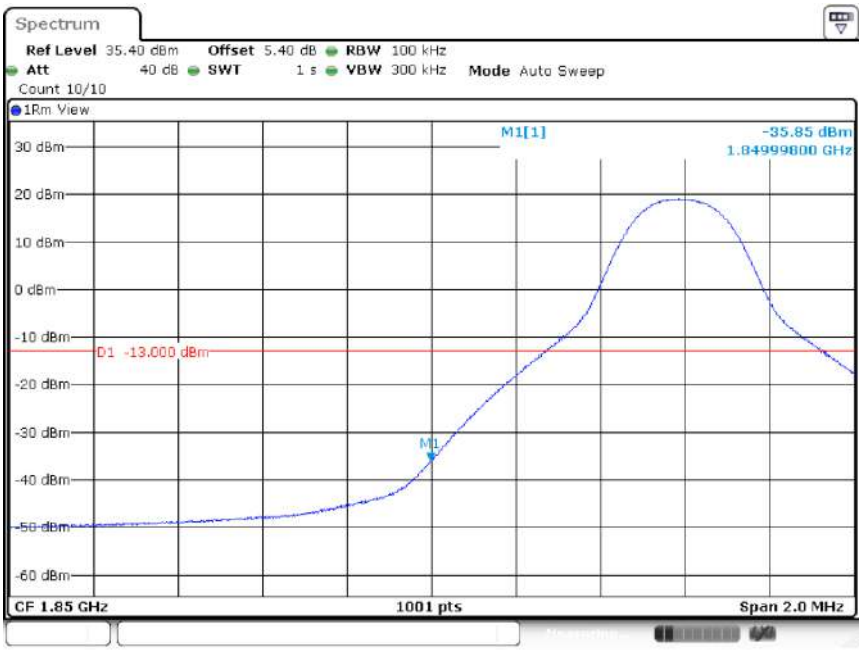
Band25-10MHz-64QAM-26640-50RB#0



Date: 27.JAN.2021 13:16:11

Band25-10MHz-16QAM-26090-1RB#0



Date: 27.JAN.2021 12:04:59

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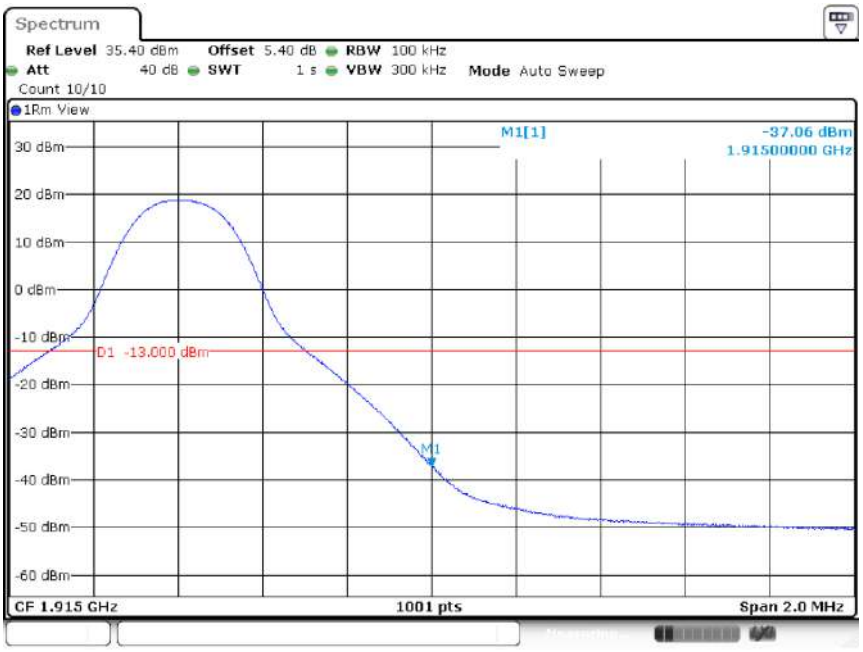
Band25-10MHz-16QAM-26090-50RB#0

Date: 27.JAN.2021 12:05:40

Band25-10MHz-16QAM-26640-1RB#49



Date: 27.JAN.2021 12:06:26

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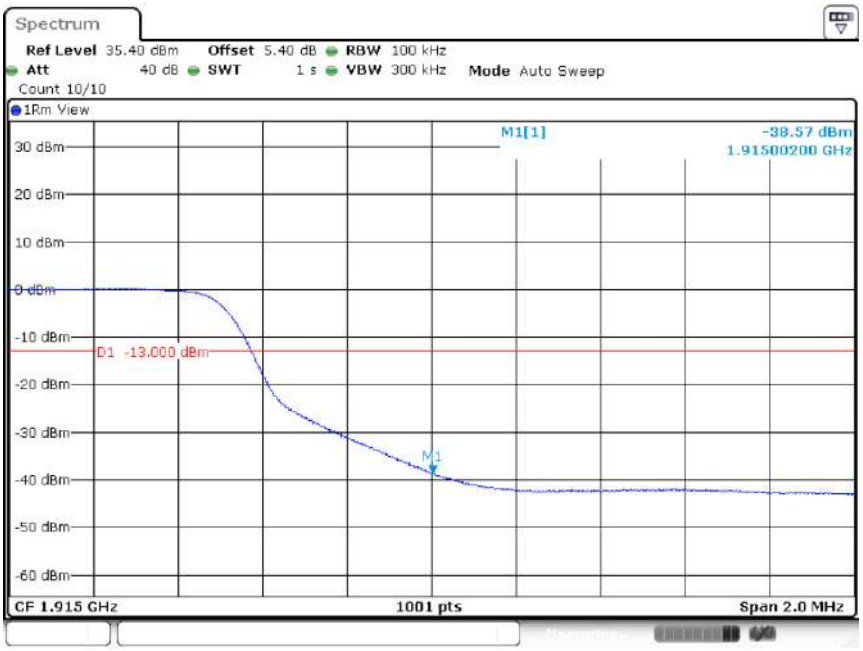
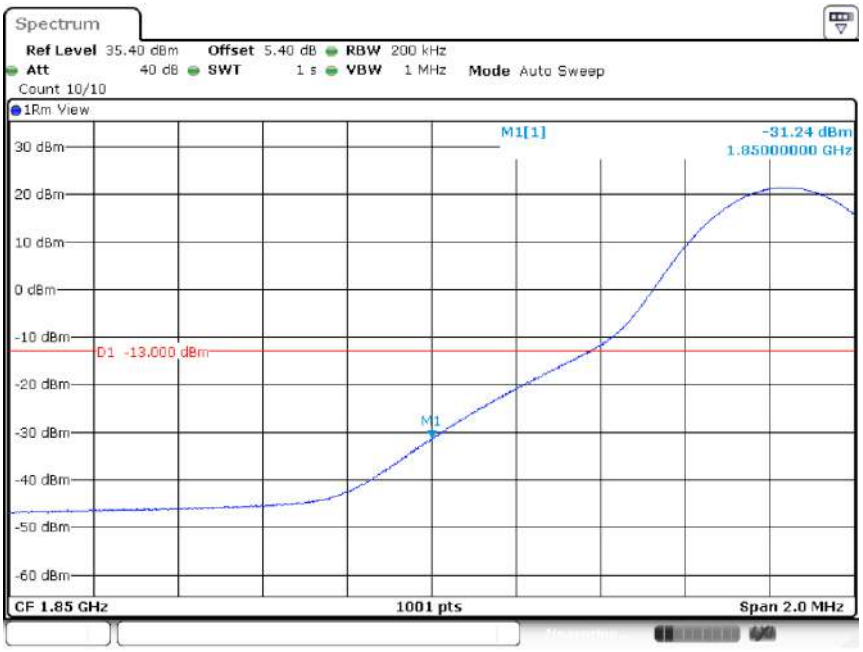
Band25-10MHz-16QAM-26640-50RB#0



Date: 27.JAN.2021 12:07:08

Band25-15MHz-QPSK-26115-1RB#0



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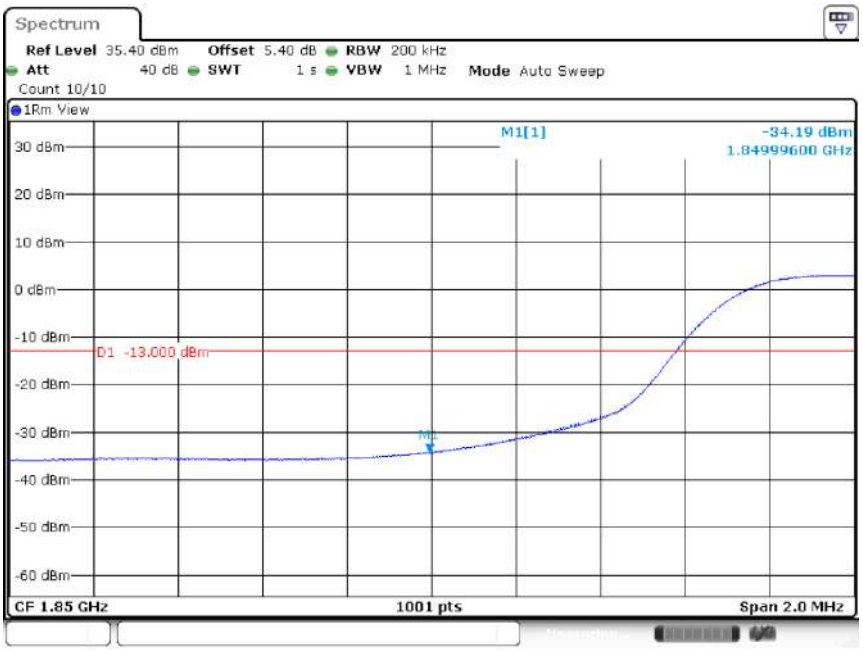
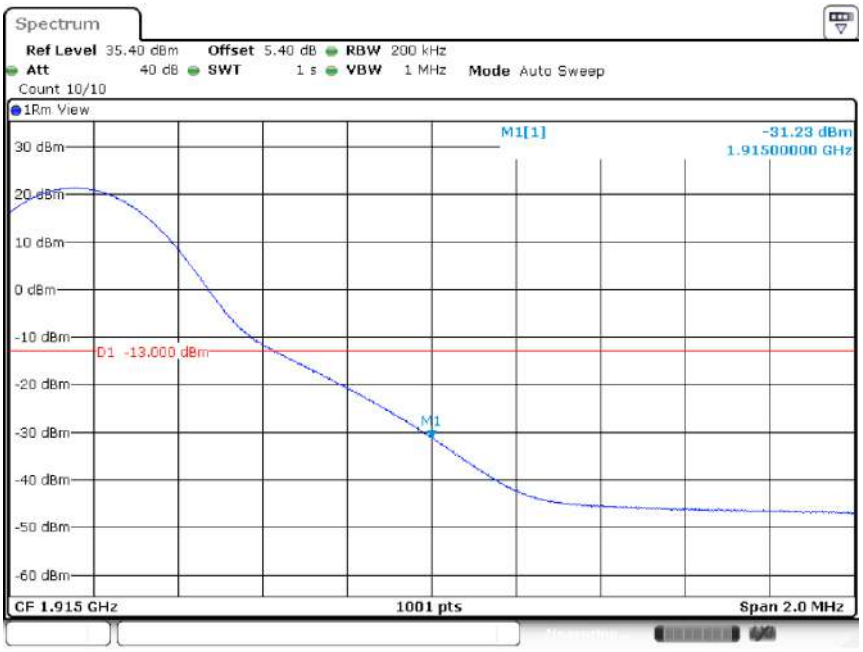
Band25-15MHz-QPSK-26115-75RB#0



Date: 27.JAN.2021 12:08:14

Band25-15MHz-QPSK-26615-1RB#74



Date: 27.JAN.2021 12:09:00

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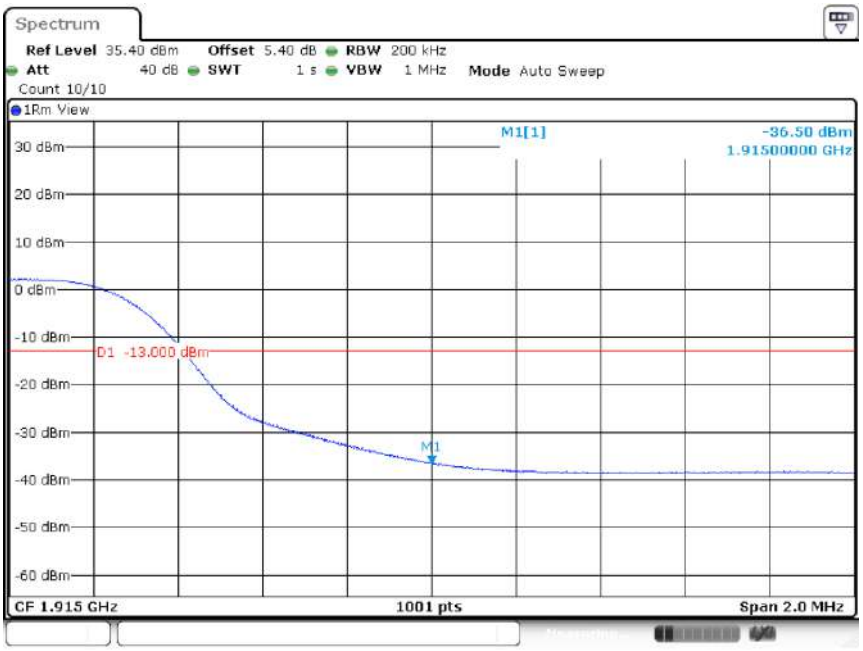
Band25-15MHz-QPSK-26615-75RB#0



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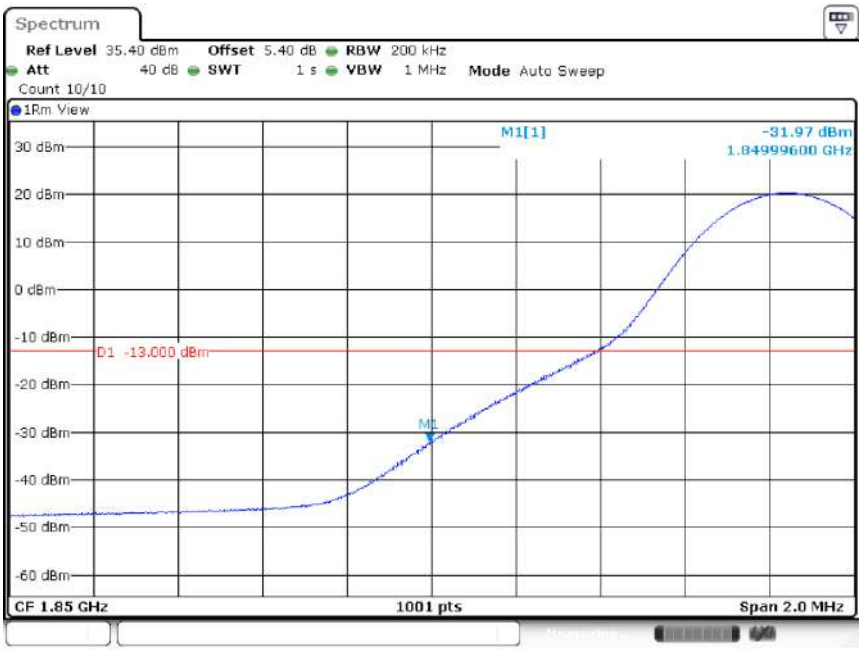
Band25-15MHz-64QAM-26115-1RB#0



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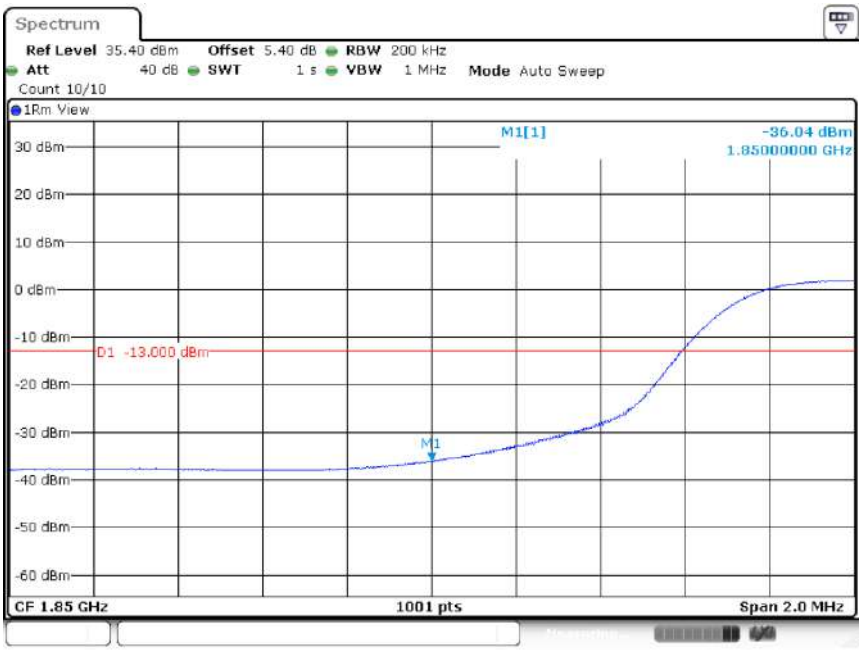
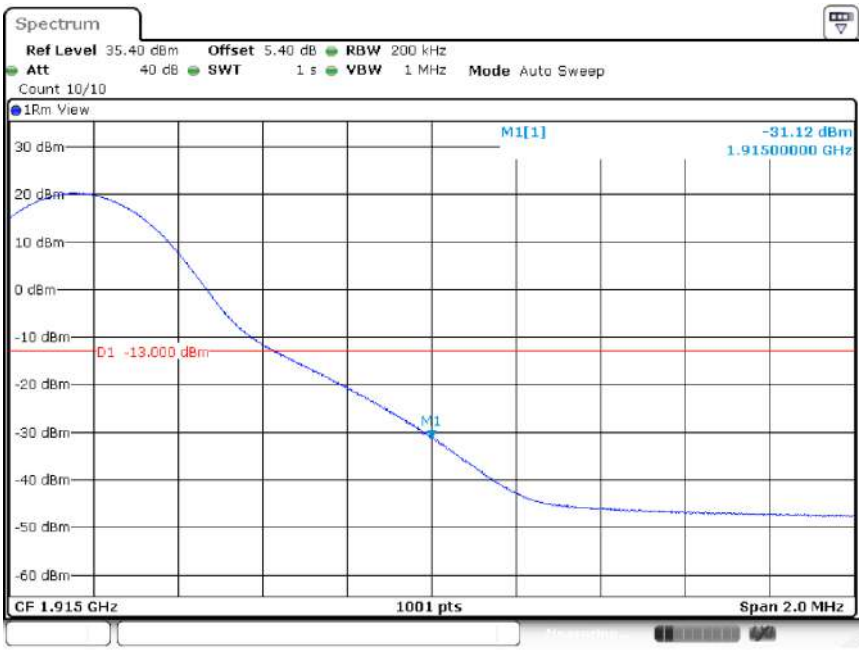
Band25-15MHz-64QAM-26115-75RB#0



Date: 27.JAN.2021 13:16:58

Band25-15MHz-64QAM-26615-1RB#74



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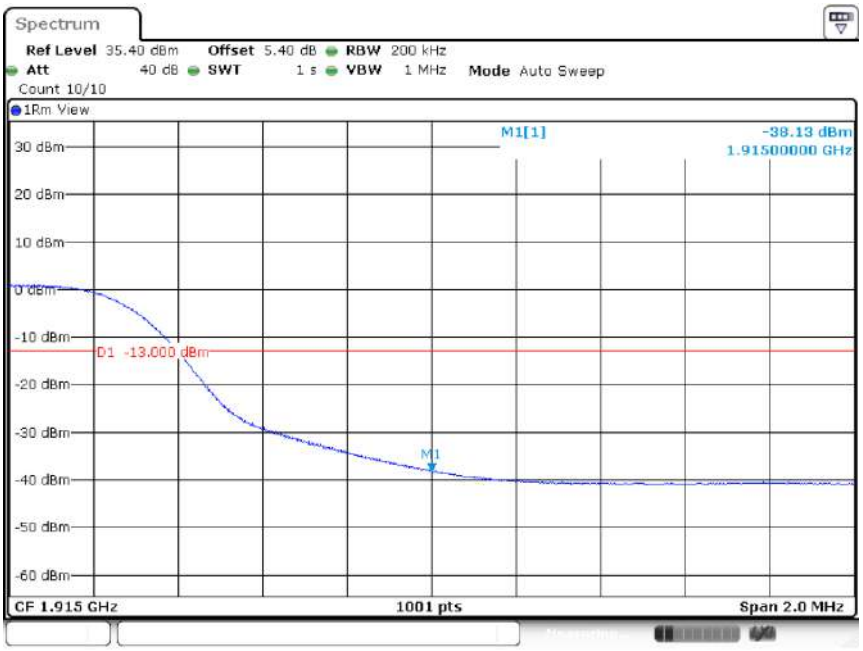
Band25-15MHz-64QAM-26615-75RB#0



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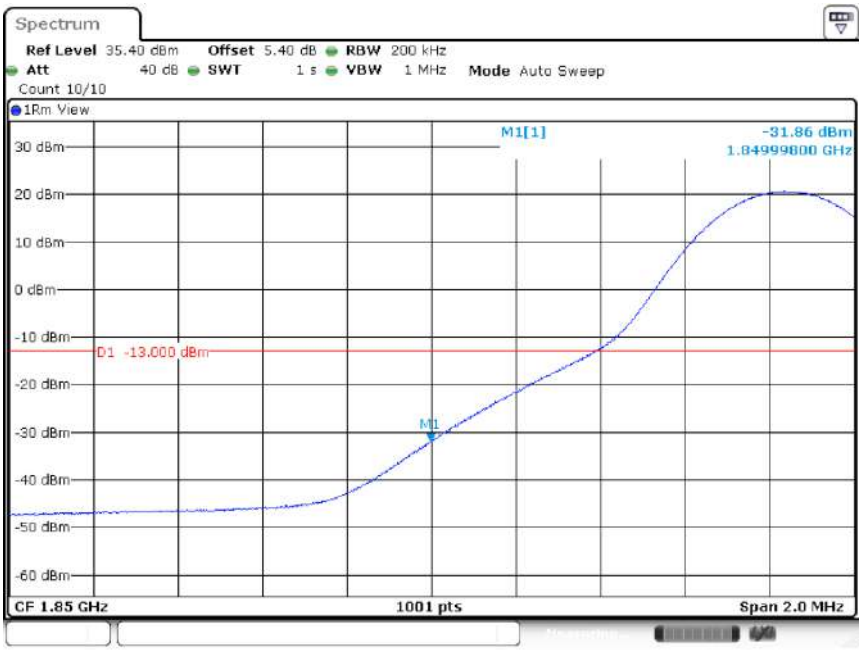
Band25-15MHz-16QAM-26115-1RB#0



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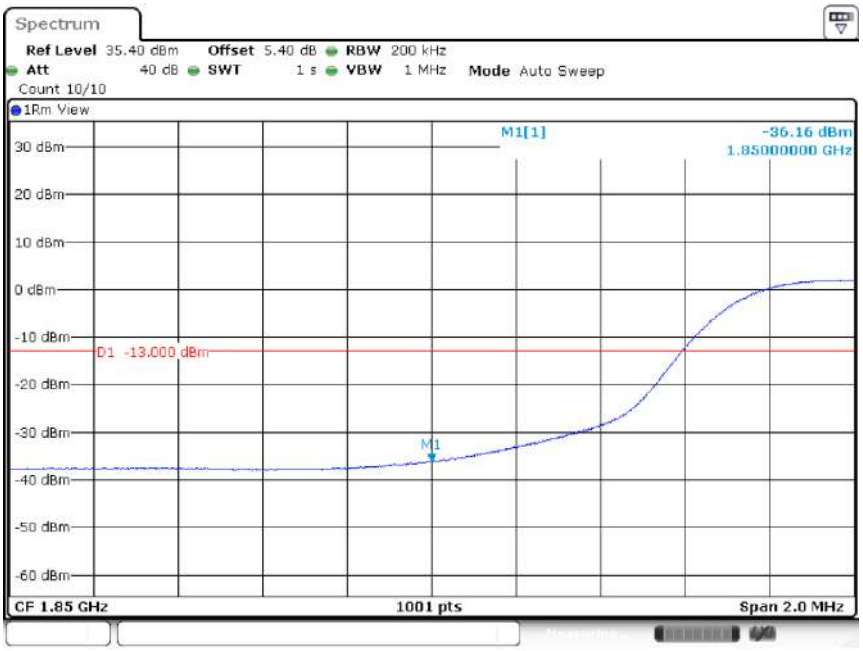
Band25-15MHz-16QAM-26115-75RB#0



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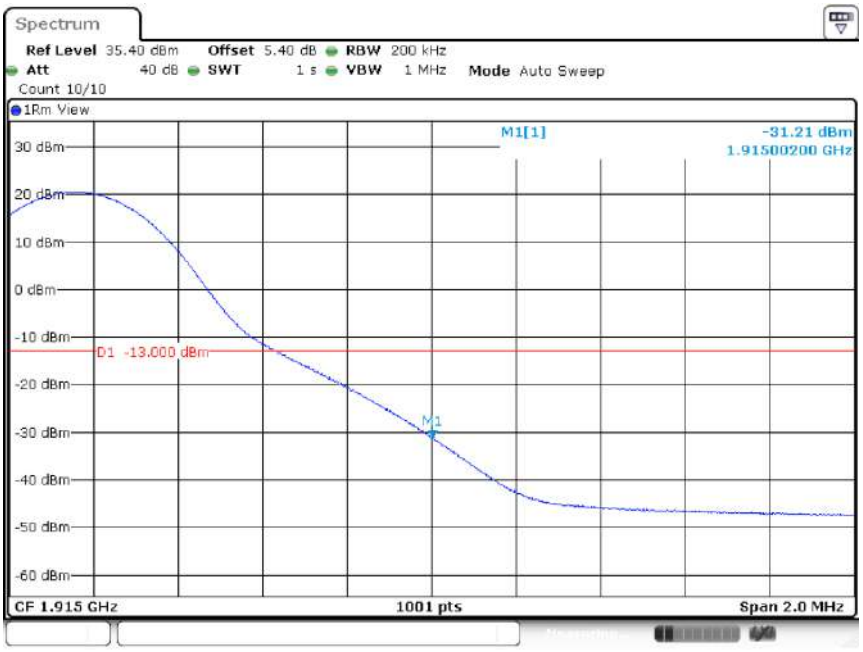
Band25-15MHz-16QAM-26615-1RB#74



Date: 27.JAN.2021 12:09:21

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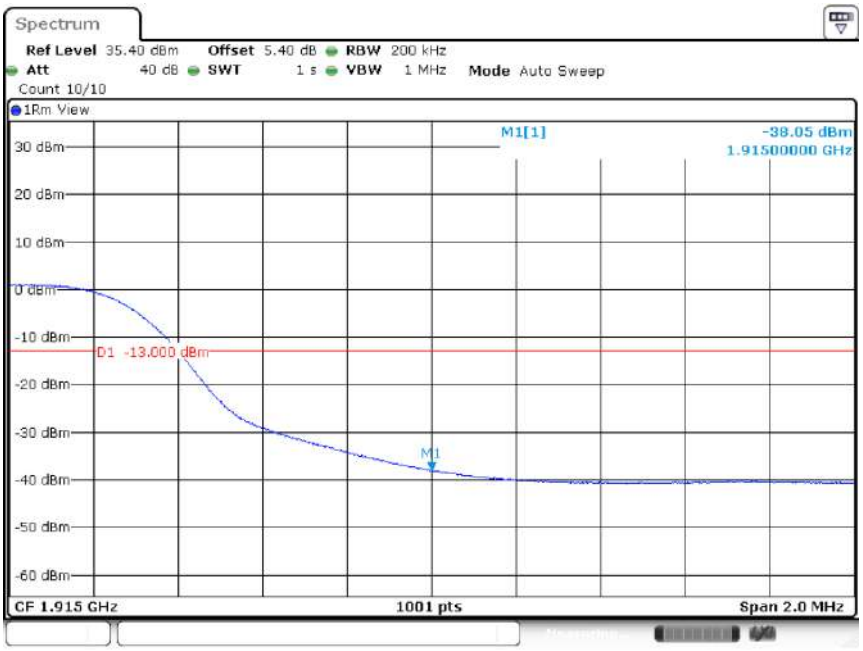
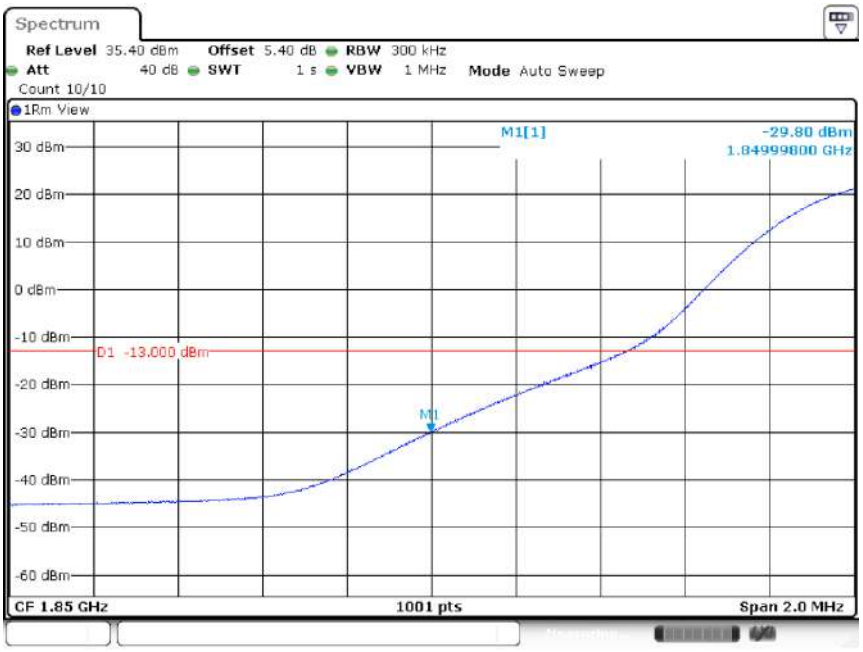
Band25-15MHz-16QAM-26615-75RB#0



Date: 27.JAN.2021 12:10:02

Band25-20MHz-QPSK-26140-1RB#0



Date: 27.JAN.2021 12:10:27

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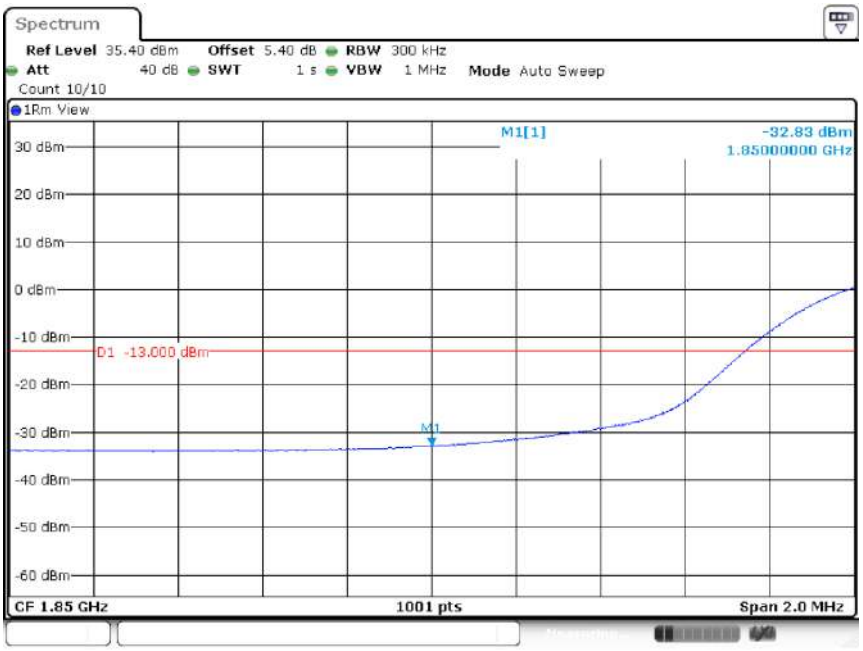
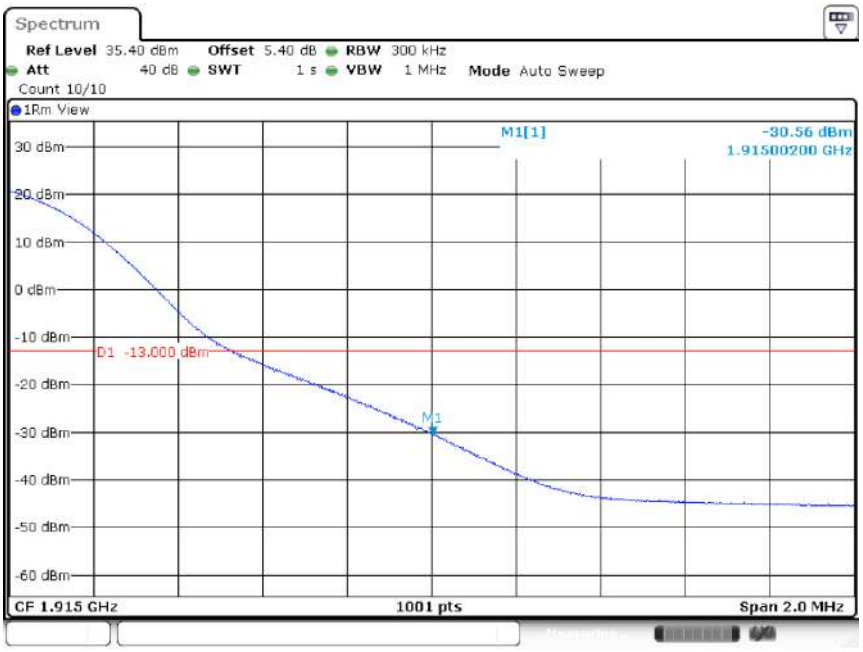
Band25-20MHz-QPSK-26140-100RB#0



Date: 27.JAN.2021 12:11:09

Band25-20MHz-QPSK-26590-1RB#99



Date: 27.JAN.2021 12:11:55

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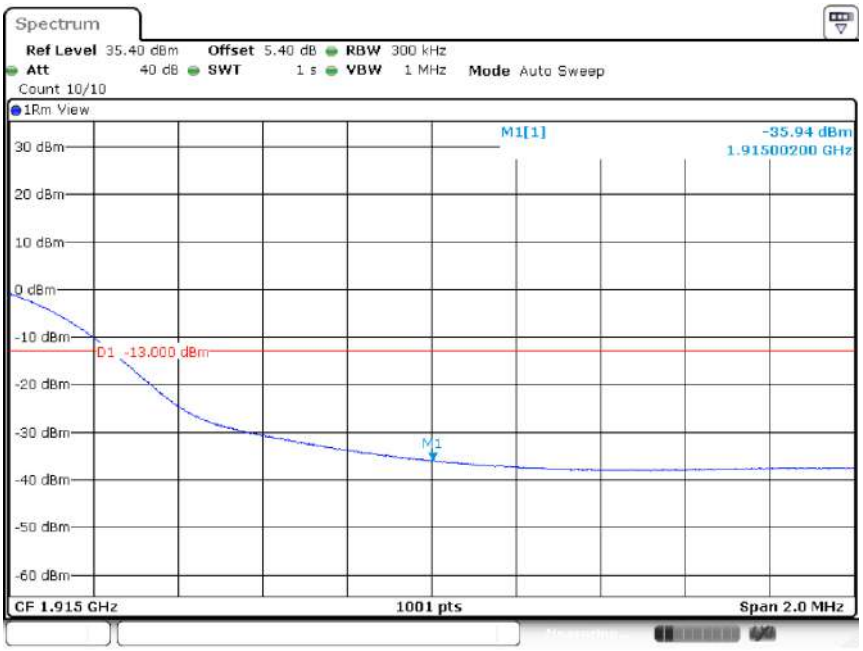
Band25-20MHz-QPSK-26590-100RB#0



Date: 27.JAN.2021 12:12:37

Band25-20MHz-64QAM-26140-1RB#0

Date: 27.JAN.2021 13:18:09

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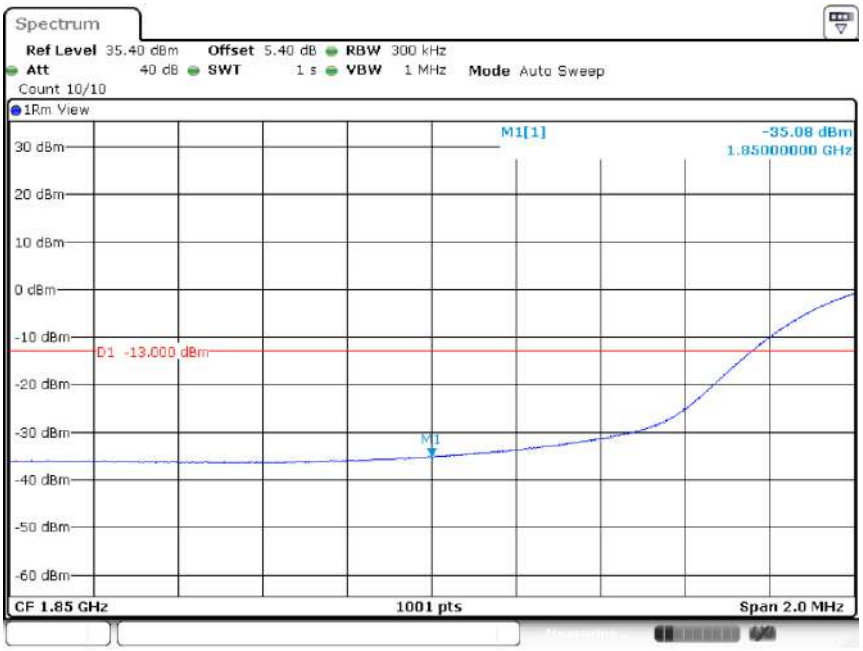
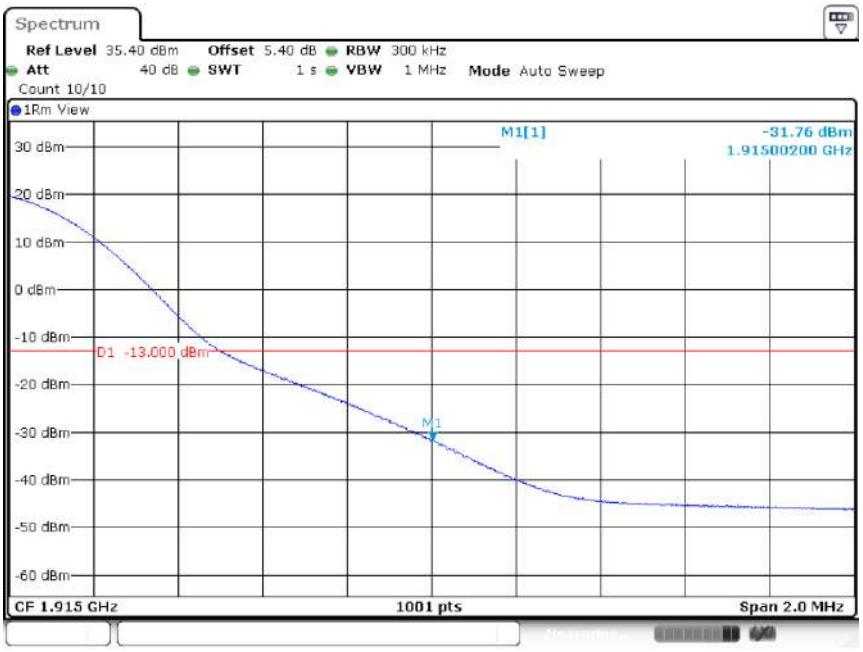
Band25-20MHz-64QAM-26140-100RB#0



Date: 27.JAN.2021 13:18:30

Band25-20MHz-64QAM-26590-1RB#99



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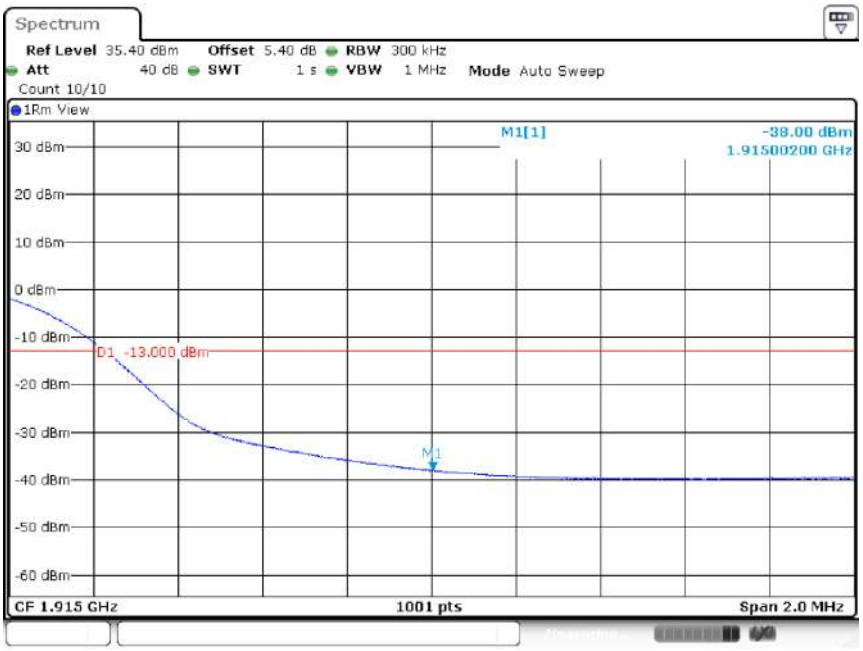
Band25-20MHz-64QAM-26590-100RB#0



Date: 27.JAN.2021 13:19:16

Band25-20MHz-16QAM-26140-1RB#0

Date: 27.JAN.2021 12:10:48

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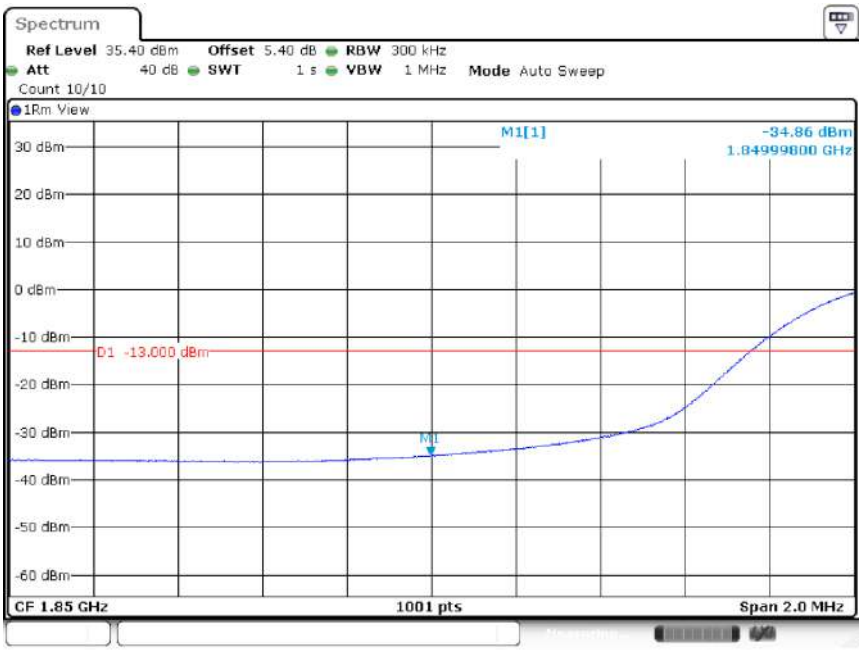
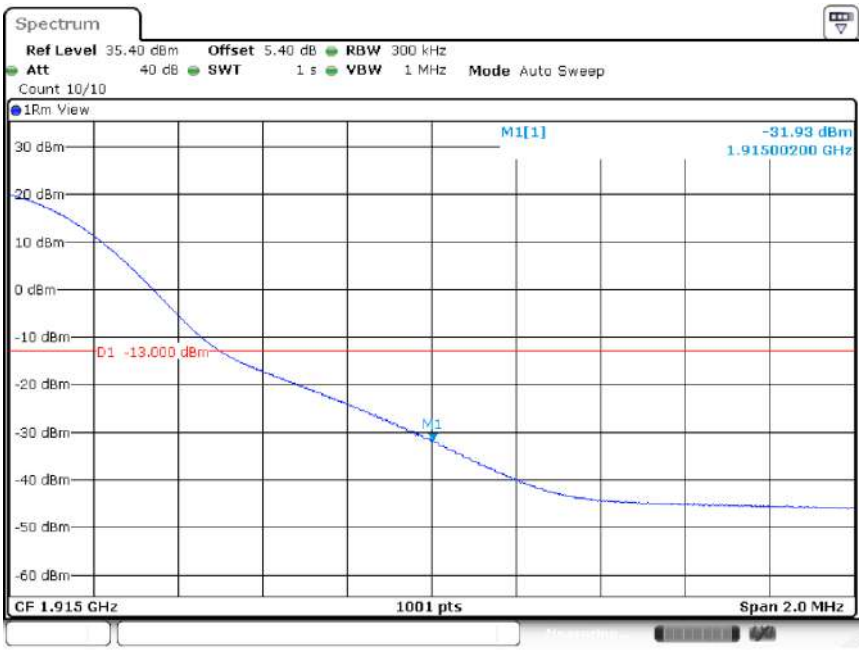
Band25-20MHz-16QAM-26140-100RB#0



Date: 27.JAN.2021 12:11:30

Band25-20MHz-16QAM-26590-1RB#99



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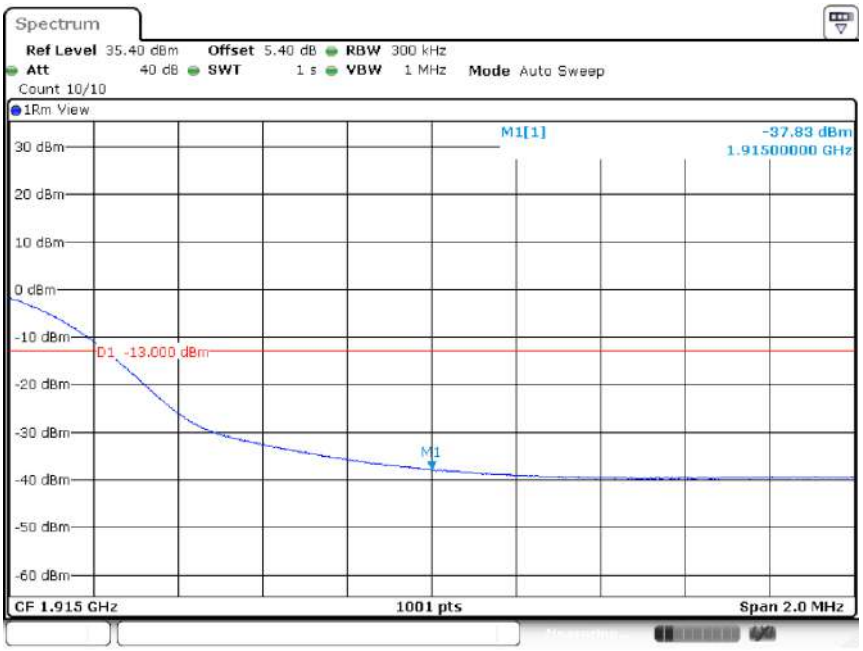
Band25-20MHz-16QAM-26590-100RB#0



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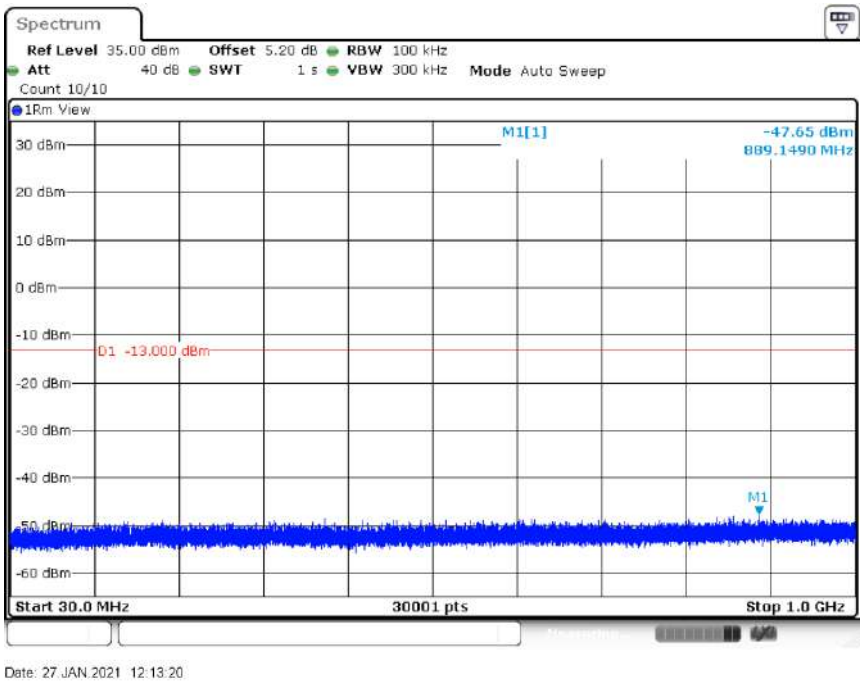
6. Spurious Emission at Antenna Terminal

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

Band25-20MHz-QPSK-26140-1RB#0-Range1:30~1000MHz



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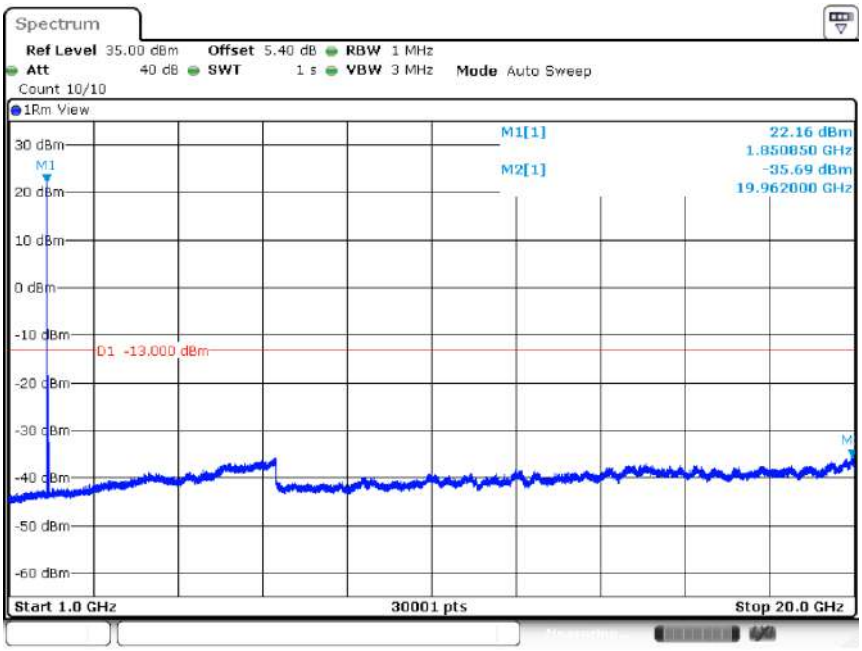
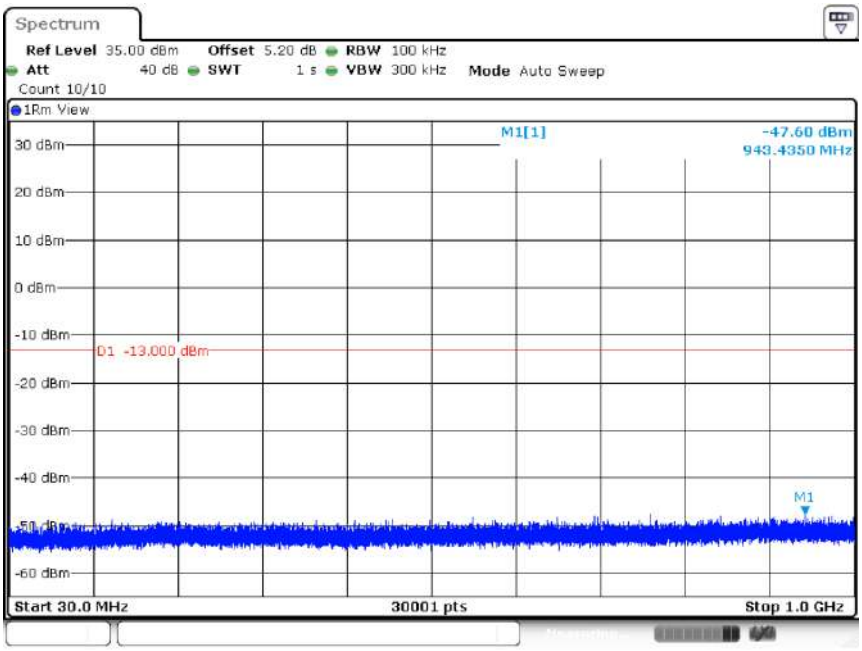
Band25-20MHz-QPSK-26140-1RB#0-Range2:1000~20000MHz



Date: 27.JAN.2021 12:13:37

Band25-20MHz-QPSK-26365-1RB#0-Range1:30~1000MHz



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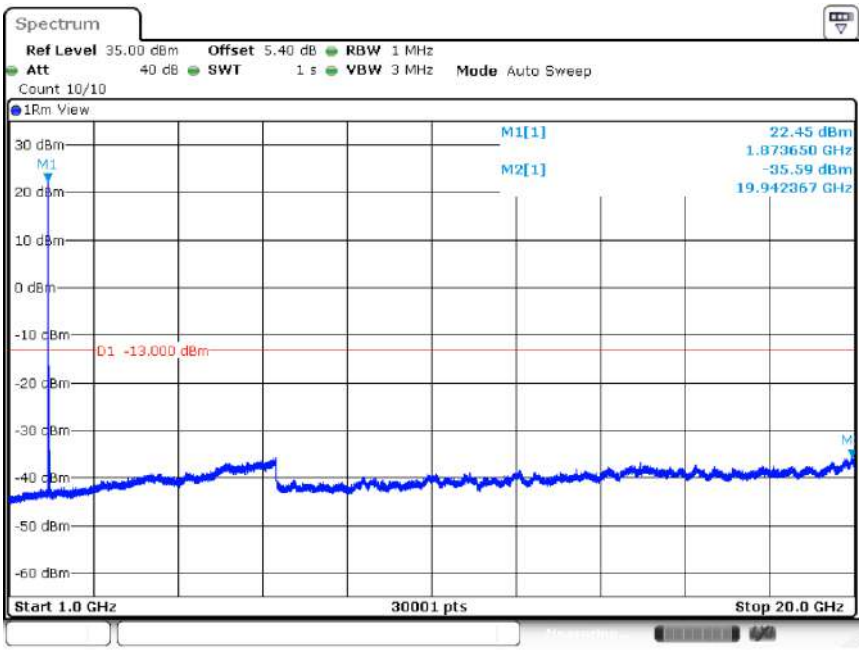
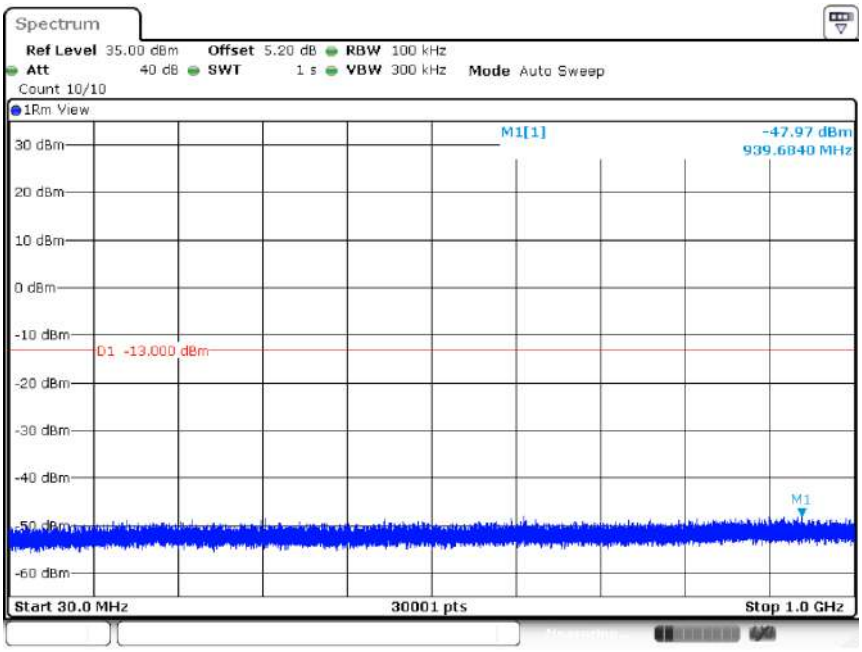
Band25-20MHz-QPSK-26365-1RB#0-Range2:1000~20000MHz



Date: 27.JAN.2021 12:14:47

Band25-20MHz-QPSK-26590-1RB#0-Range1:30~1000MHz



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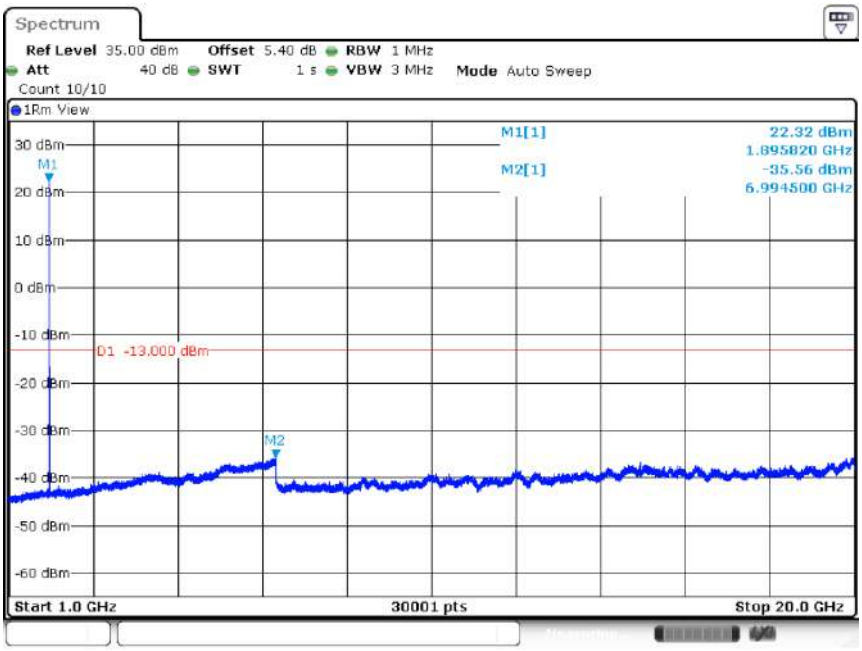
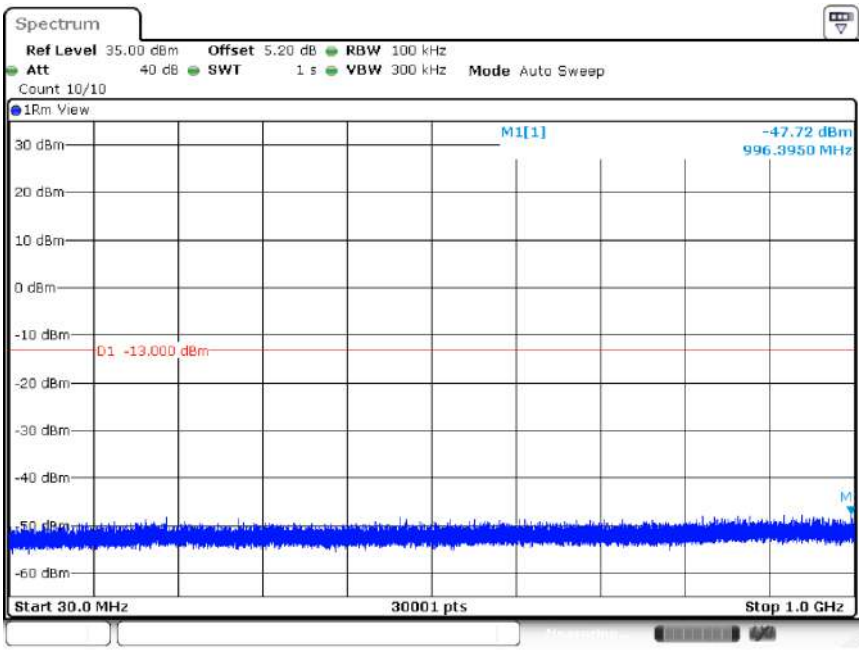
Band25-20MHz-QPSK-26590-1RB#0-Range2:1000~20000MHz



Date: 27 JAN 2021 12:15:58

Band25-20MHz-64QAM-26140-1RB#0-Range1:30~1000MHz



Date: 27 JAN 2021 13:19:39

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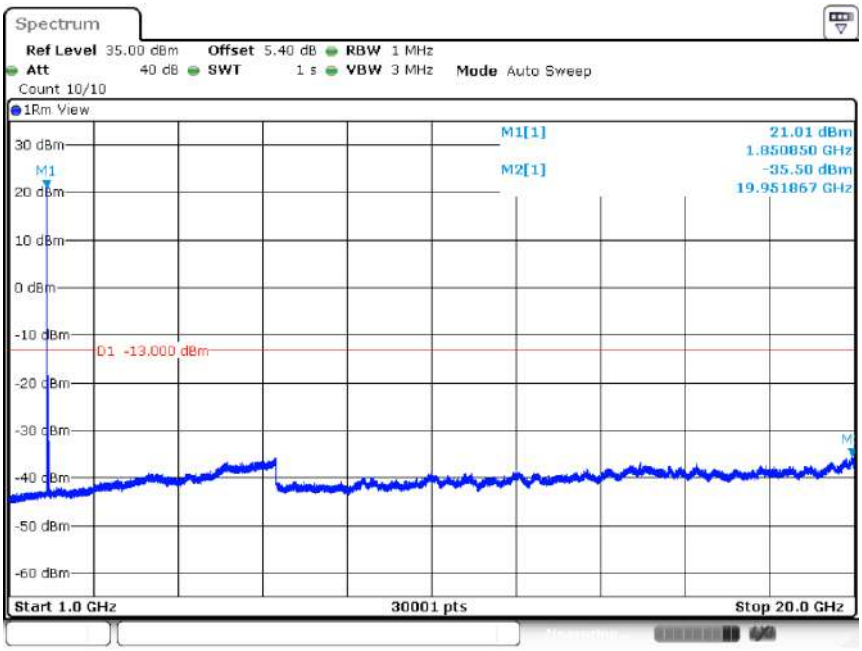
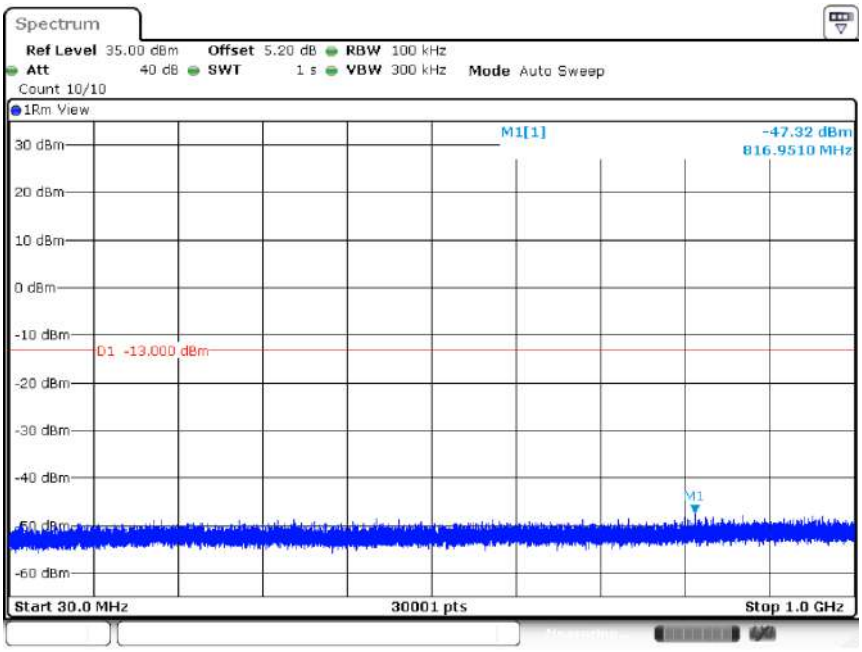
Band25-20MHz-64QAM-26140-1RB#0-Range2:1000~20000MHz



Date: 27 JAN 2021 13:19:56

Band25-20MHz-64QAM-26365-1RB#0-Range1:30~1000MHz



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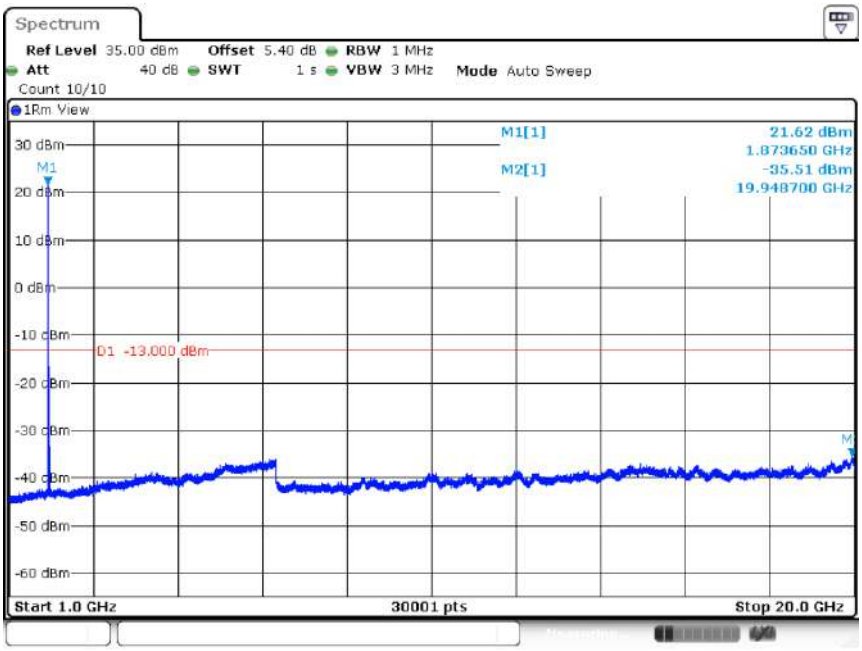
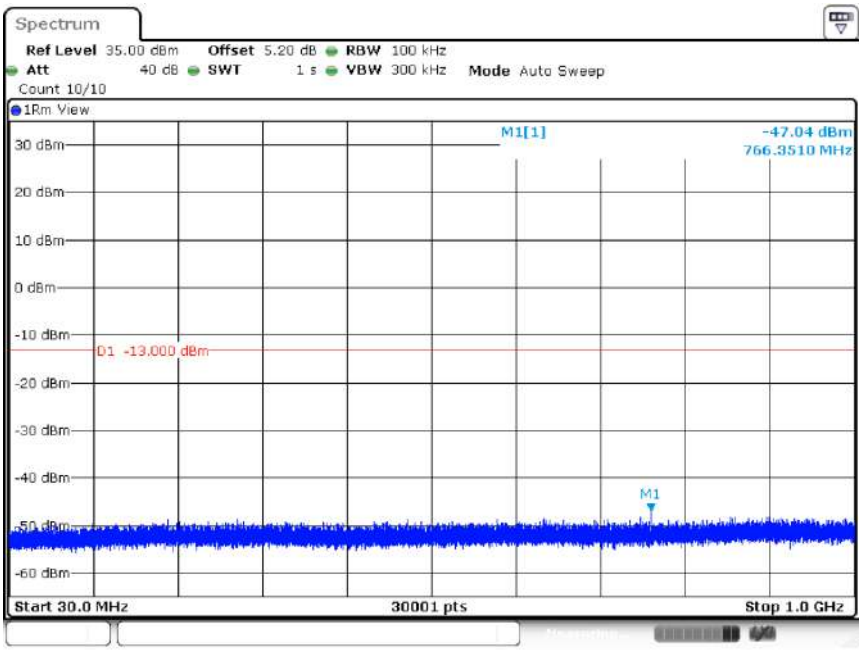
Band25-20MHz-64QAM-26365-1RB#0-Range2:1000~20000MHz



Date: 27 JAN 2021 13:20:31

Band25-20MHz-64QAM-26590-1RB#0-Range1:30~1000MHz



Date: 27 JAN 2021 13:20:51

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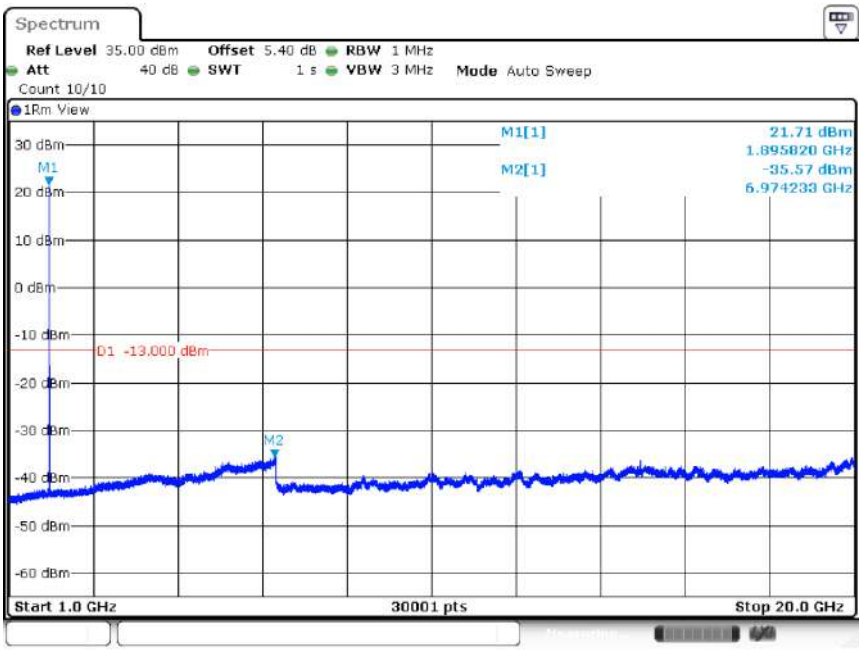
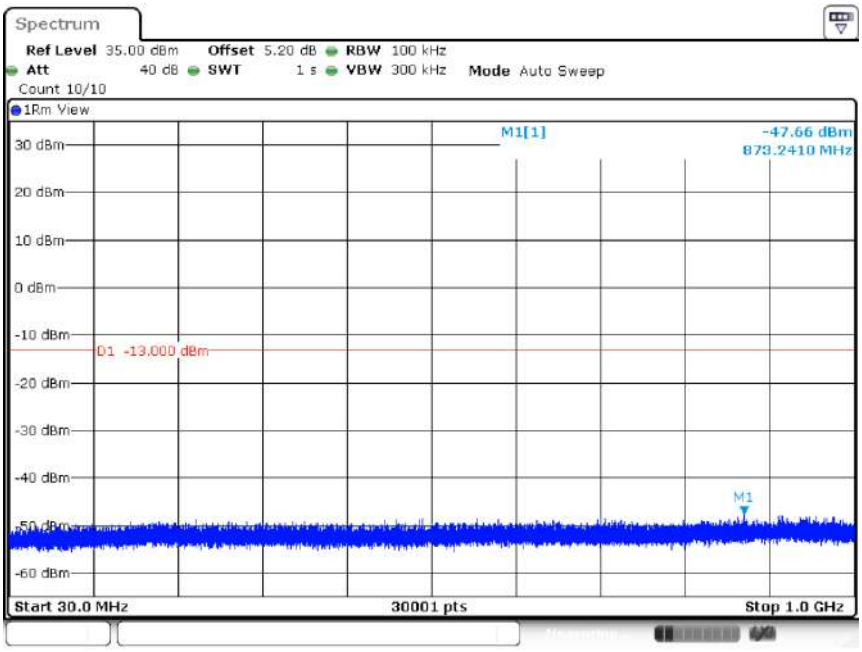
Band25-20MHz-64QAM-26590-1RB#0-Range2:1000~20000MHz



Date: 27.JAN.2021 13:21:07

Band25-20MHz-16QAM-26140-1RB#0-Range1:30~1000MHz



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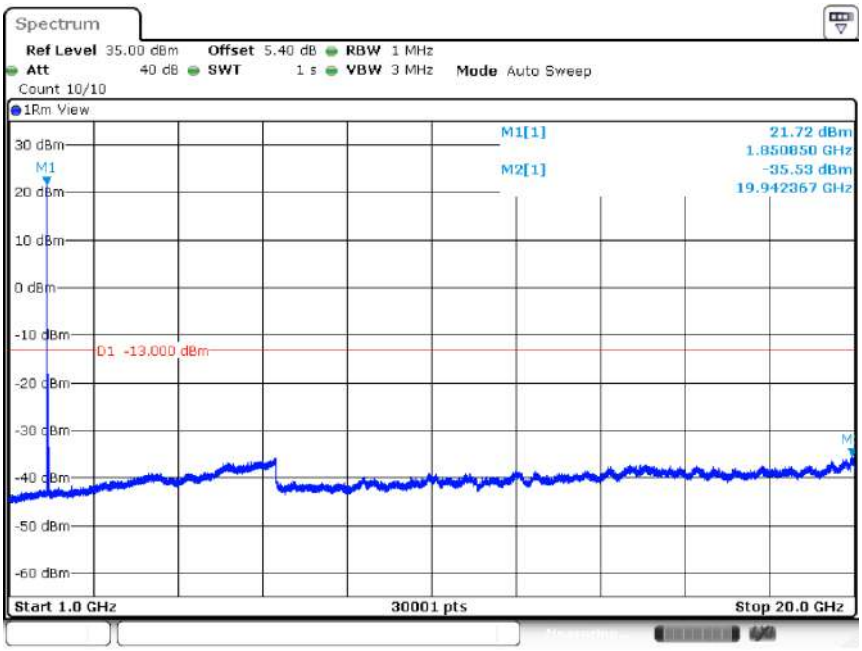
Band25-20MHz-16QAM-26140-1RB#0-Range2:1000~20000MHz



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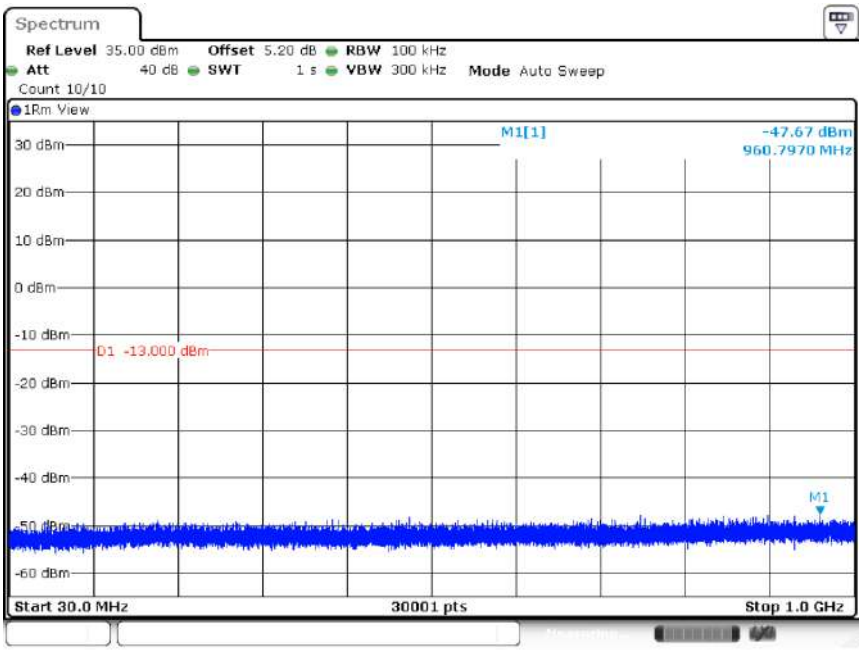
Band25-20MHz-16QAM-26365-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 12:15:06

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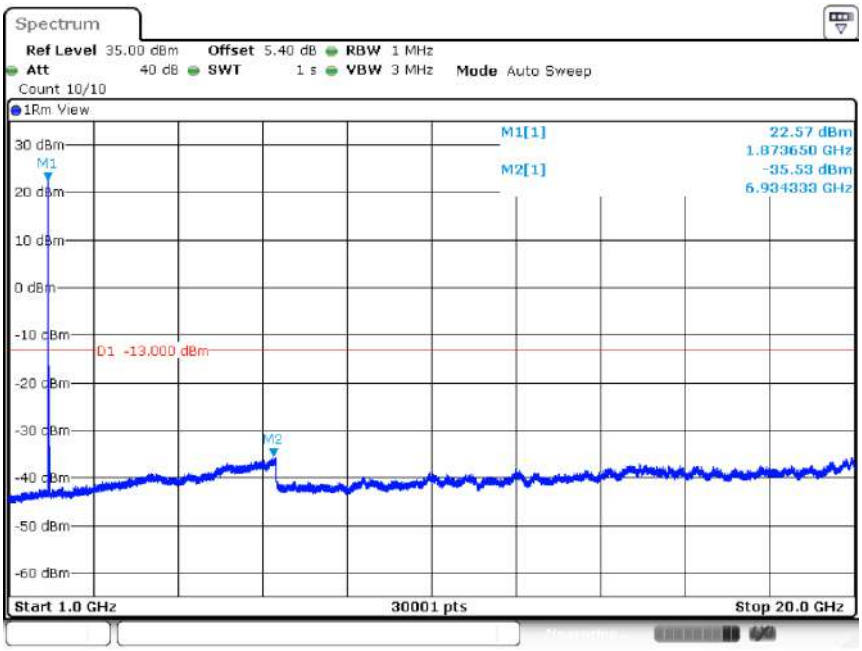

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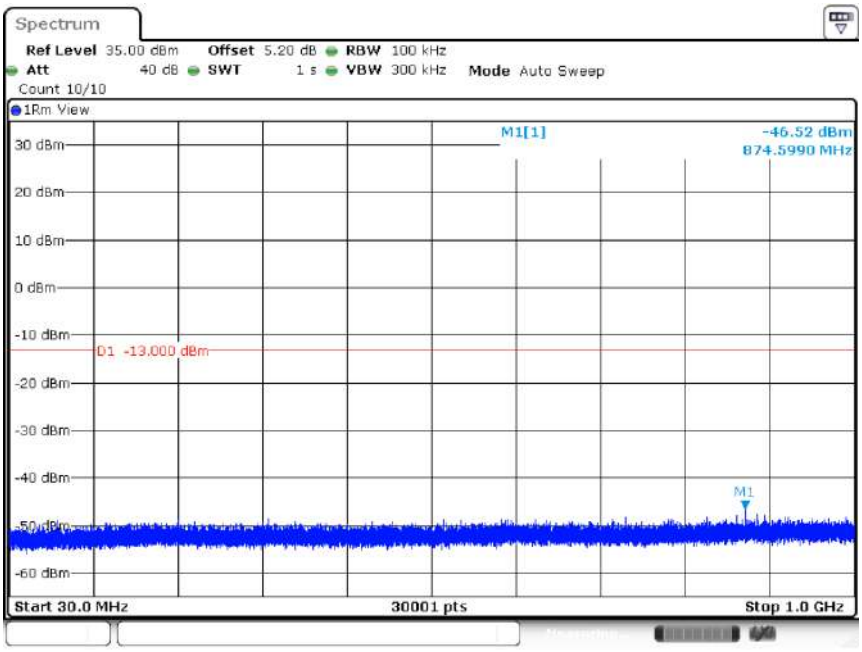
Band25-20MHz-16QAM-26590-1RB#0-Range1:30~1000MHz



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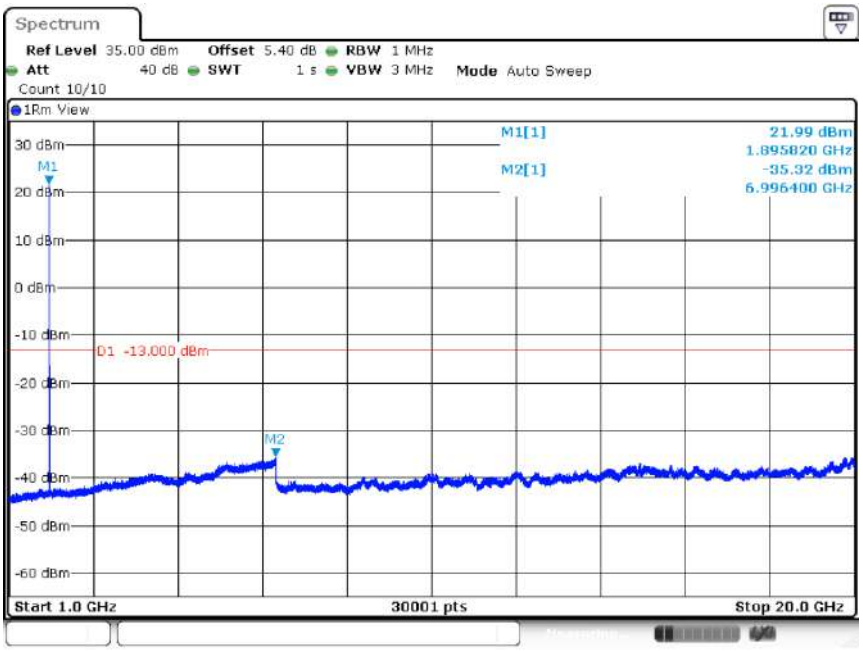

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE_B25 TM1 20MHz

7.1.1.Test Channel = LCH_Horizontal

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
56.150000	-67.65	-13.00	54.65	292	H	95.0	-96.9
104.300000	-78.25	-13.00	65.25	266	H	104.0	-109.6
561.512500	-71.92	-13.00	58.92	197	H	194.0	-100.8
3804.050000	-56.10	-13.00	43.10	197	H	159.0	-104.0
5553.525000	-52.02	-13.00	39.02	236	H	113.0	-101.2
9255.275000	-47.91	-13.00	34.91	292	H	193.0	-96.7

7.1.2.Test Channel = LCH_Vertical

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.300000	-71.87	-13.00	58.87	285	V	69.0	-102.0
143.050000	-72.67	-13.00	59.67	256	V	50.0	-109.2
559.404167	-69.09	-13.00	56.09	223	V	289.0	-100.3
3654.550000	-56.64	-13.00	43.64	264	V	298.0	-104.5
5553.200000	-51.39	-13.00	38.39	195	V	196.0	-101.0
9195.475000	-51.68	-13.00	38.68	285	V	62.0	-96.8

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7.1.3.Test Channel = MCH_Horizontal

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
62.700000	-66.53	-13.00	53.53	256	H	113.0	-95.3
138.350000	-72.99	-13.00	59.99	246	H	148.0	-110.4
537.083333	-72.22	-13.00	59.22	164	H	196.0	-101.5
3746.525000	-55.18	-13.00	42.18	165	H	211.0	-104.3
5620.475000	-49.93	-13.00	36.93	206	H	199.0	-101.2
9368.050000	-46.51	-13.00	33.51	162	H	176.0	-96.9

7.1.4.Test Channel = MCH_Vertical

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.950000	-74.59	-13.00	61.59	201	V	314.0	-112.6
64.100000	-71.59	-13.00	58.59	235	V	341.0	-100.0
536.945833	-68.48	-13.00	55.48	263	V	310.0	-101.0
3747.175000	-55.96	-13.00	42.96	264	V	172.0	-104.2
5620.800000	-47.63	-13.00	34.63	215	V	194.0	-101.0
9304.675000	-51.58	-13.00	38.58	201	V	0.0	-96.8

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7.1.5.Test Channel = HCH_Horizontal

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.450000	-68.02	-13.00	55.02	289	H	0.0	-97.4
104.250000	-78.72	-13.00	65.72	162	H	151.0	-109.6
438.850000	-75.68	-13.00	62.68	152	H	242.0	-101.2
3791.700000	-53.91	-13.00	40.91	191	H	195.0	-104.1
5688.075000	-47.94	-13.00	34.94	257	H	115.0	-101.2
9480.175000	-42.30	-13.00	29.30	260	H	172.0	-96.6

7.1.6.Test Channel = HCH_Vertical

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
56.950000	-72.49	-13.00	59.49	278	V	1.0	-101.2
124.950000	-77.24	-13.00	64.24	156	V	1.0	-103.7
313.800000	-76.96	-13.00	63.96	154	V	215.0	-102.0
3792.025000	-55.51	-13.00	42.51	182	V	250.0	-104.0
5688.075000	-46.81	-13.00	33.81	158	V	262.0	-101.1
9480.500000	-48.65	-13.00	35.65	195	V	239.0	-96.7

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
Band25	20MHz	QPSK	26140	100RB#0	VL	NT	2.10	0.001129	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VN	NT	-7.00	-0.003763	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VH	NT	-5.30	-0.002849	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	-4.50	-0.002390	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	-3.60	-0.001912	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	-5.70	-0.003028	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VL	NT	-0.90	-0.000472	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VN	NT	1.30	0.000682	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VH	NT	-2.10	-0.001102	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	VL	NT	-5.20	-0.002796	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	VN	NT	-6.90	-0.003710	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	VH	NT	-2.40	-0.001290	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	VL	NT	-3.50	-0.001859	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	VN	NT	-6.10	-0.003240	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	VH	NT	-6.80	-0.003612	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	VL	NT	-0.20	-0.000105	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	VN	NT	-0.80	-0.000420	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	VH	NT	0.80	0.000420	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VL	NT	-7.90	-0.004247	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VN	NT	-2.70	-0.001452	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VH	NT	-0.90	-0.000484	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VL	NT	-8.00	-0.004250	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VN	NT	-5.20	-0.002762	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VH	NT	-0.70	-0.000372	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VL	NT	-5.80	-0.003045	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VN	NT	-1.90	-0.000997	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VH	NT	-7.60	-0.003990	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

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Band25	20MHz	QPSK	26140	100RB#0	NV	-30	-2.20	-0.001183	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	-20	1.10	0.000591	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	-10	-6.30	-0.003387	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	0	-1.10	-0.000591	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	10	-6.00	-0.003226	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	20	-1.40	-0.000753	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	30	-6.30	-0.003387	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	40	-1.60	-0.000860	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	50	-5.60	-0.003011	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	-0.70	-0.000372	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	-2.40	-0.001275	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-10	-4.10	-0.002178	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	-7.90	-0.004197	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	-1.60	-0.000850	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	-6.50	-0.003453	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	-0.90	-0.000478	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	-5.50	-0.002922	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	0.90	0.000478	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-30	-5.20	-0.002730	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-10	-5.30	-0.002782	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	0	-0.10	-0.000052	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	10	-4.90	-0.002572	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	20	1.00	0.000525	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	30	-2.60	-0.001365	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	40	1.30	0.000682	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	50	-3.90	-0.002047	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	-30	-4.10	-0.002204	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	-20	-8.10	-0.004355	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	-10	-0.70	-0.000376	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	0	-3.10	-0.001667	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	10	0.30	0.000161	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	20	-7.00	-0.003763	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	30	-8.40	-0.004516	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	40	-2.70	-0.001452	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	50	-8.90	-0.004785	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	-30	-3.60	-0.001912	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	-20	2.50	0.001328	±2.5	PASS

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Band25	20MHz	64QAM	26365	100RB#0	NV	-10	-10.30	-0.005471	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	0	0.40	0.000212	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	10	-9.10	-0.004834	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	20	-6.00	-0.003187	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	30	1.50	0.000797	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	40	1.20	0.000637	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	50	-5.70	-0.003028	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	-30	-12.80	-0.006719	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	-20	-7.20	-0.003780	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	-10	-2.40	-0.001260	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	0	-6.60	-0.003465	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	10	-3.00	-0.001575	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	20	-1.20	-0.000630	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	30	-9.50	-0.004987	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	40	-4.70	-0.002467	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	50	-0.80	-0.000420	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-30	-0.70	-0.000376	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-20	-2.30	-0.001237	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-10	-2.80	-0.001505	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	0	-3.20	-0.001720	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	10	-5.70	-0.003065	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	20	-6.10	-0.003280	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	30	-4.70	-0.002527	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	40	-7.70	-0.004140	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	50	-7.70	-0.004140	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-30	-0.70	-0.000372	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-20	-0.90	-0.000478	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-10	-1.40	-0.000744	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	0	-0.60	-0.000319	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	10	-0.80	-0.000425	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	20	-2.90	-0.001541	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	30	-1.50	-0.000797	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	40	-2.20	-0.001169	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	50	-2.60	-0.001381	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-30	0.80	0.000420	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-20	-9.20	-0.004829	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-10	-1.10	-0.000577	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	0	-1.10	-0.000577	±2.5	PASS

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Band25	20MHz	16QAM	26590	100RB#0	NV	10	-1.10	-0.000577	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	20	-1.30	-0.000682	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	30	-2.20	-0.001155	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	40	-1.90	-0.000997	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	50	-2.10	-0.001102	±2.5	PASS

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