

## Appendix test data for LTE band 26

Temperature:	25 ° C
Humidity:	44 %
Atmospheric pressure:	950-1050mbar
Test Engineer:	Aaron Tan

## Appendix B: Peak-to-Average Ratio(CCDF)

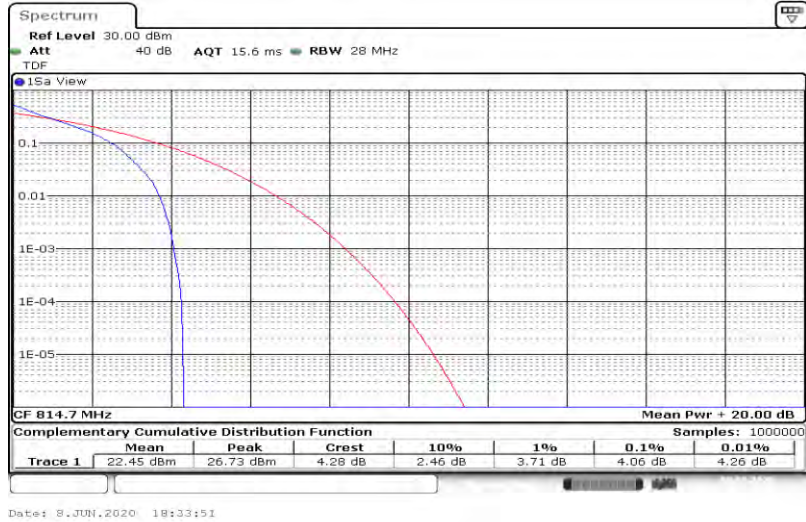
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	4.06	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	3.77	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	4.14	13	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	4.35	13	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	3.65	13	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	3.62	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	4.96	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	4.70	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	4.90	13	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	5.28	13	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	4.67	13	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	4.49	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	4.00	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	3.74	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	4.03	13	PASS
Band26	3MHz	QPSK	26805	15RB#0	4.55	13	PASS
Band26	3MHz	QPSK	26915	15RB#0	3.71	13	PASS
Band26	3MHz	QPSK	27025	15RB#0	3.71	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	4.90	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	4.78	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	4.81	13	PASS
Band26	3MHz	16QAM	26805	15RB#0	5.42	13	PASS
Band26	3MHz	16QAM	26915	15RB#0	4.67	13	PASS
Band26	3MHz	16QAM	27025	15RB#0	4.58	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	3.94	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	3.86	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	3.94	13	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.61	13	PASS
Band26	5MHz	QPSK	26915	25RB#0	3.80	13	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.06	13	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.84	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.67	13	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.81	13	PASS
Band26	5MHz	16QAM	26815	25RB#0	5.45	13	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.67	13	PASS

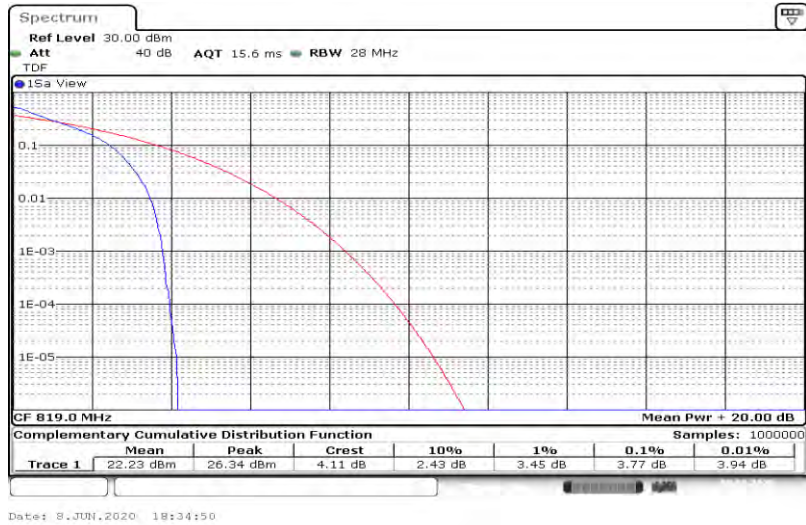
Band26	5MHz	16QAM	27015	25RB#0	4.87	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	4.00	13	PASS
Band26	10MHz	QPSK	26840	50RB#0	4.58	13	PASS
Band26	10MHz	QPSK	26915	50RB#0	3.94	13	PASS
Band26	10MHz	QPSK	26990	50RB#0	4.55	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	4.93	13	PASS
Band26	10MHz	16QAM	26840	50RB#0	5.45	13	PASS
Band26	10MHz	16QAM	26915	50RB#0	4.81	13	PASS
Band26	10MHz	16QAM	26990	50RB#0	5.36	13	PASS
Band26	15MHz	QPSK	26765	75RB#0	4.35	13	PASS
Band26	15MHz	QPSK	26865	75RB#0	4.43	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	4.35	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	4.64	13	PASS
Band26	15MHz	16QAM	26765	75RB#0	5.13	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	5.33	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	5.16	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	5.36	13	PASS

# Test Graphs

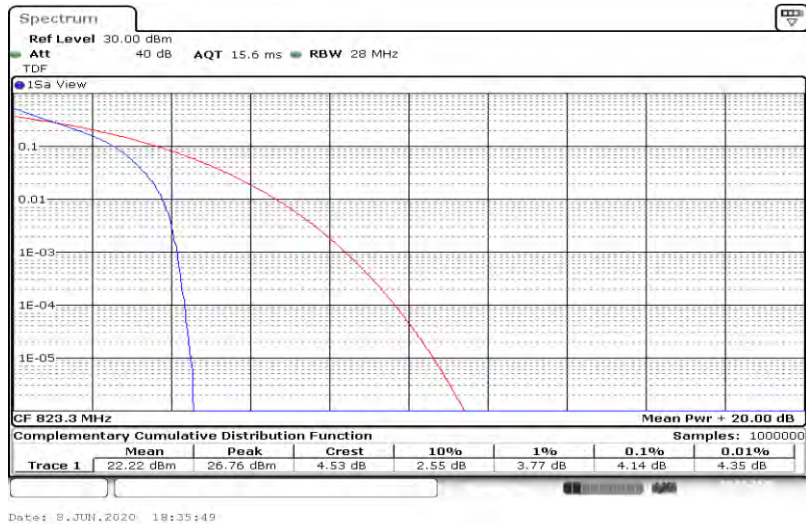
## Band26-1.4MHz-QPSK-26697-6RB#0



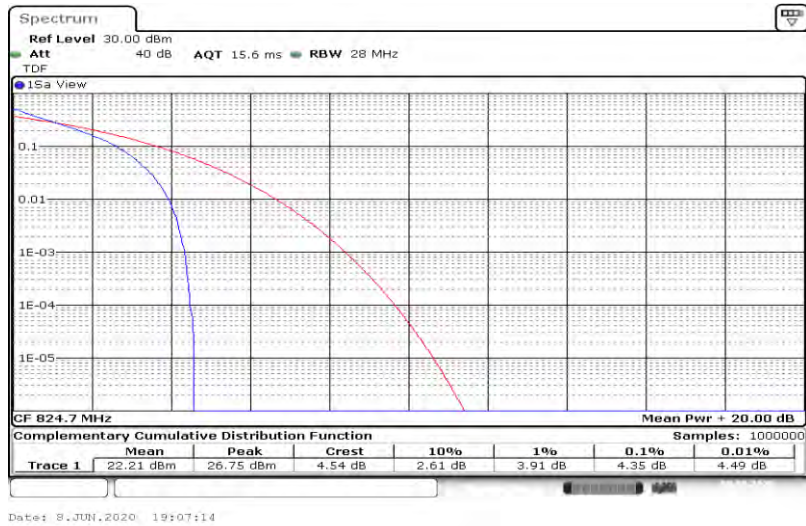
## Band26-1.4MHz-QPSK-26740-6RB#0



## Band26-1.4MHz-QPSK-26783-6RB#0



Band26-1.4MHz-QPSK-26797-6RB#0

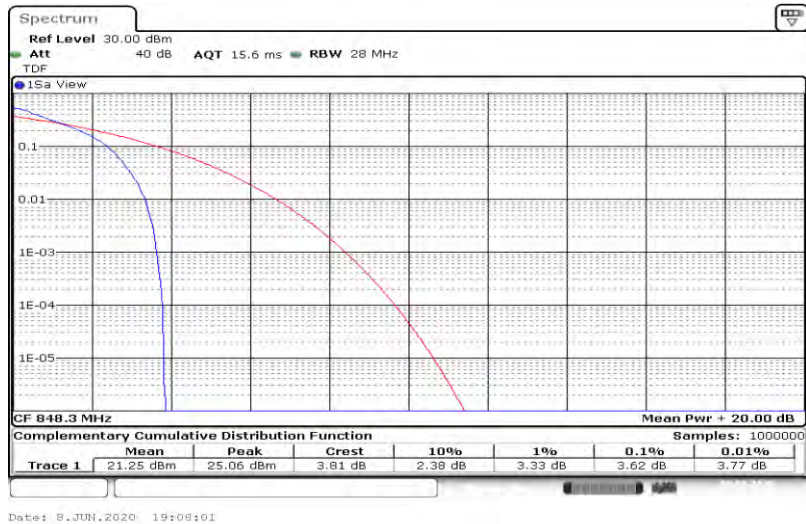


Band26-1.4MHz-QPSK-26915-6RB#0

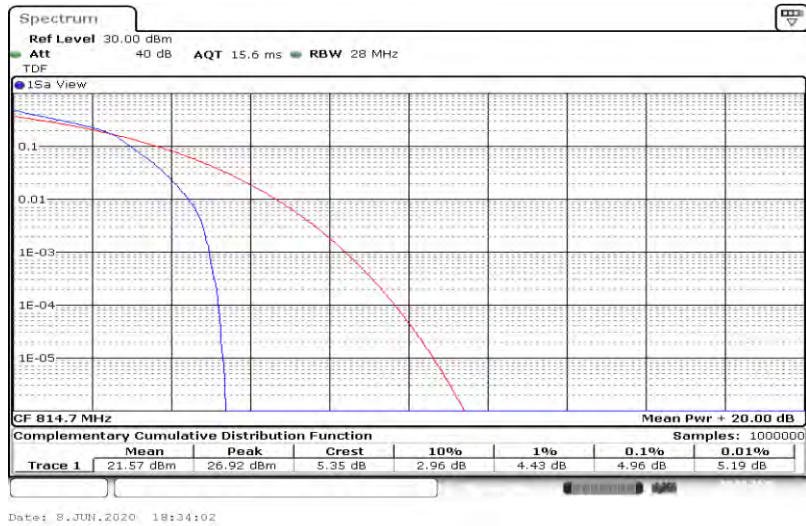


Band26-1.4MHz-QPSK-27033-6RB#0





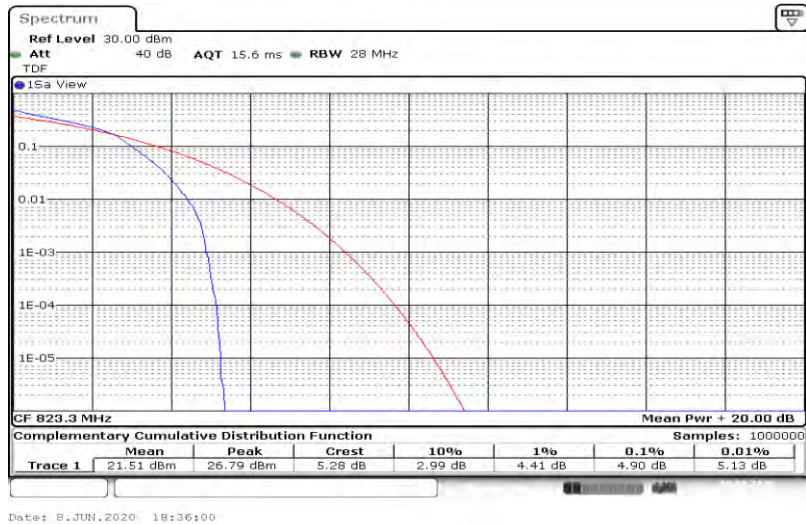
Band26-1.4MHz-16QAM-26697-6RB#0



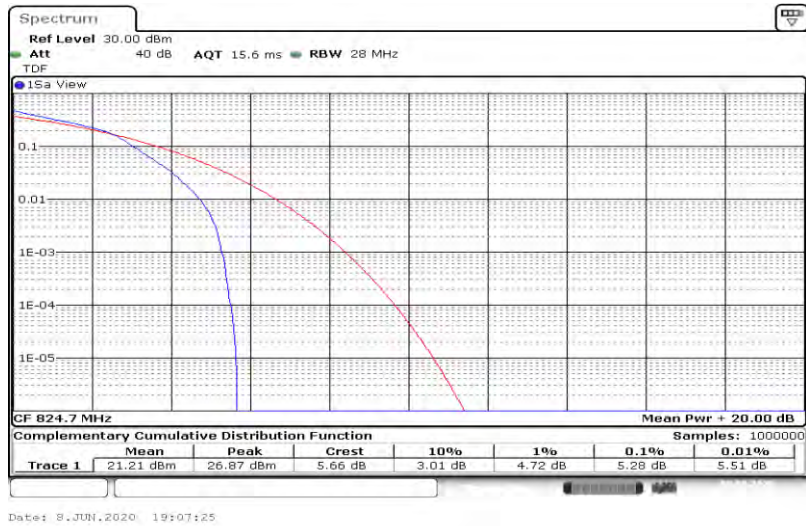
Band26-1.4MHz-16QAM-26740-6RB#0



Band26-1.4MHz-16QAM-26783-6RB#0



**Band26-1.4MHz-16QAM-26797-6RB#0**

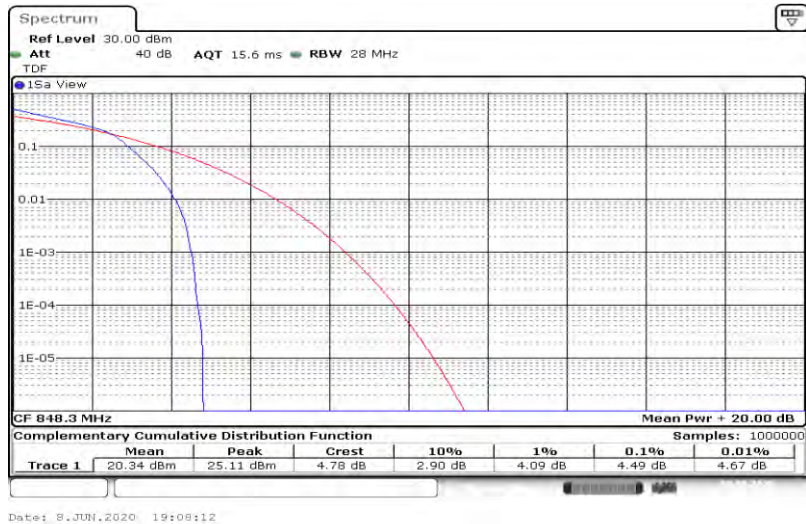


**Band26-1.4MHz-16QAM-26915-6RB#0**

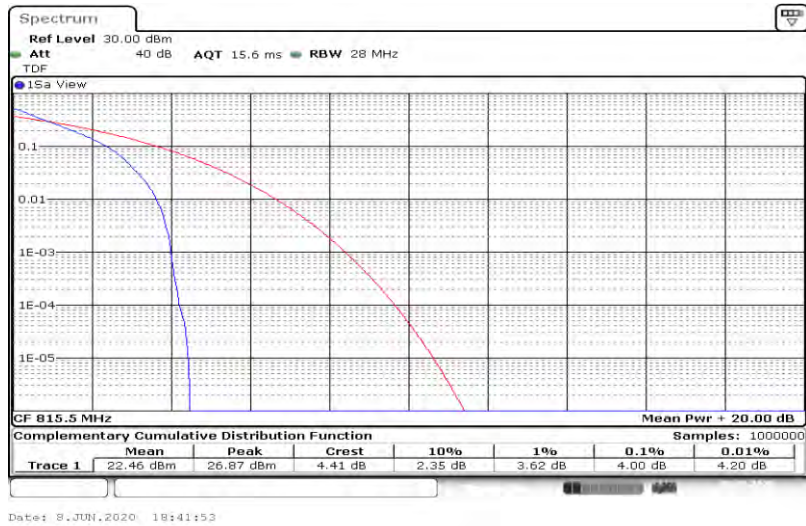


**Band26-1.4MHz-16QAM-27033-6RB#0**





Band26-3MHz-QPSK-26705-15RB#0

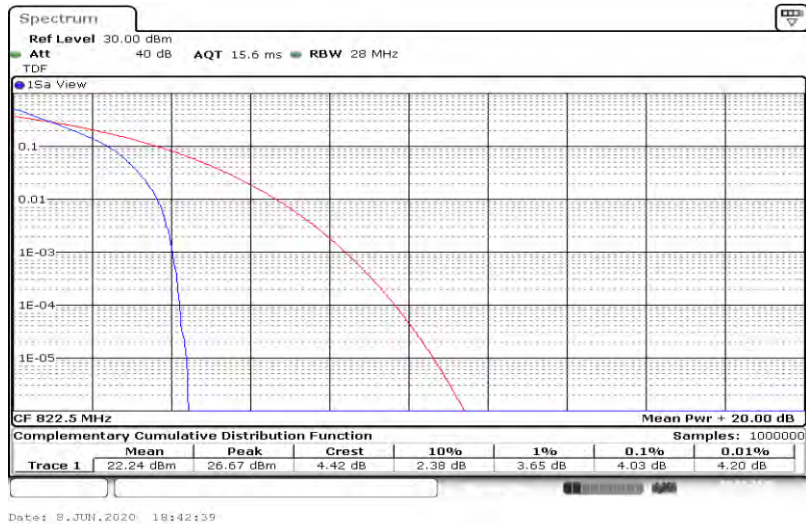


Band26-3MHz-QPSK-26740-15RB#0

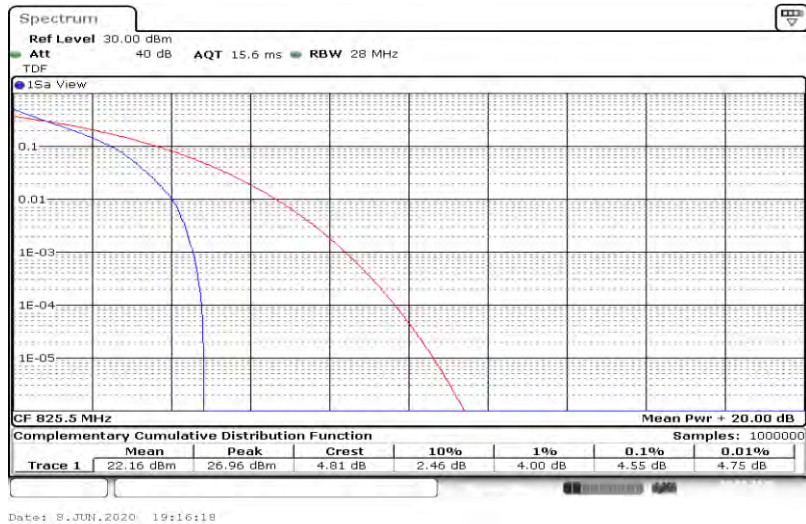


Band26-3MHz-QPSK-26775-15RB#0





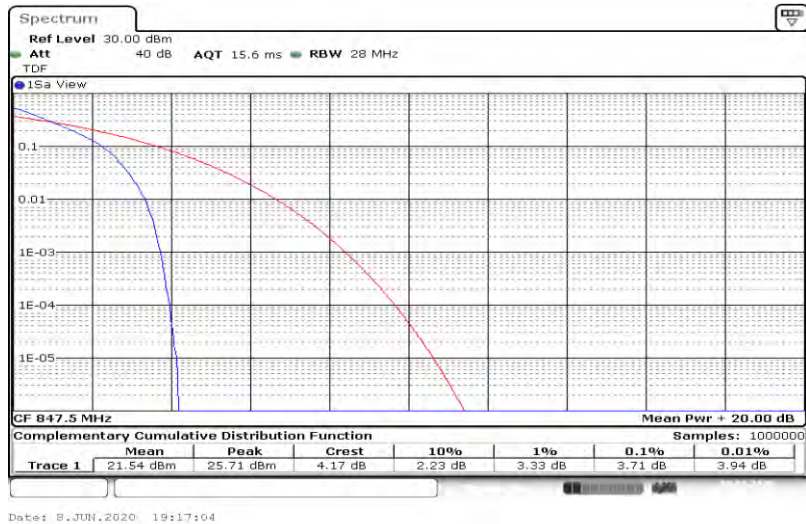
Band26-3MHz-QPSK-26805-15RB#0



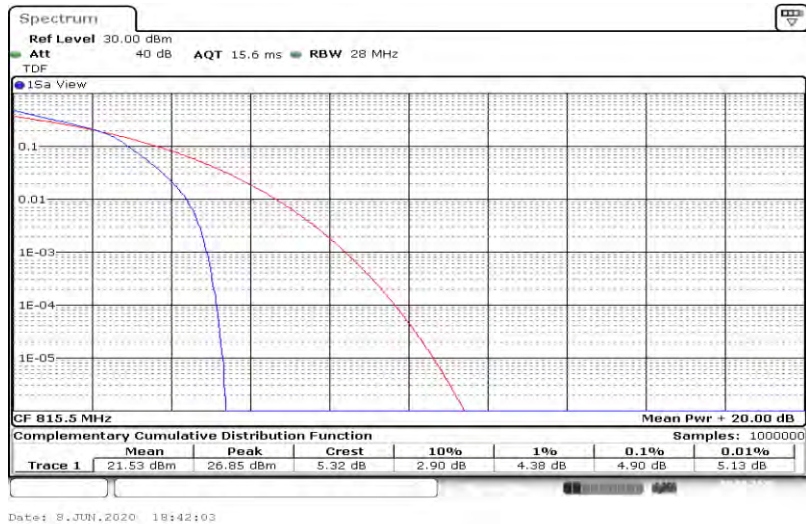
Band26-3MHz-QPSK-26915-15RB#0



Band26-3MHz-QPSK-27025-15RB#0



Band26-3MHz-16QAM-26705-15RB#0



Band26-3MHz-16QAM-26740-15RB#0



Band26-3MHz-16QAM-26775-15RB#0





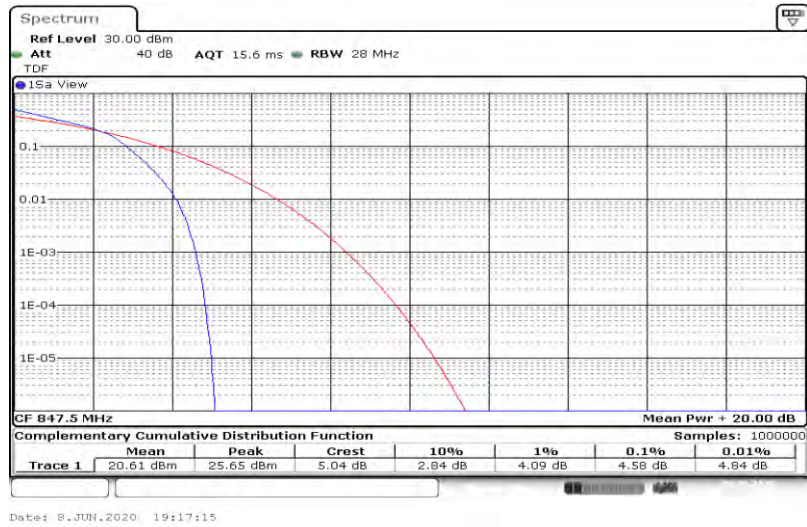
Band26-3MHz-16QAM-26805-15RB#0



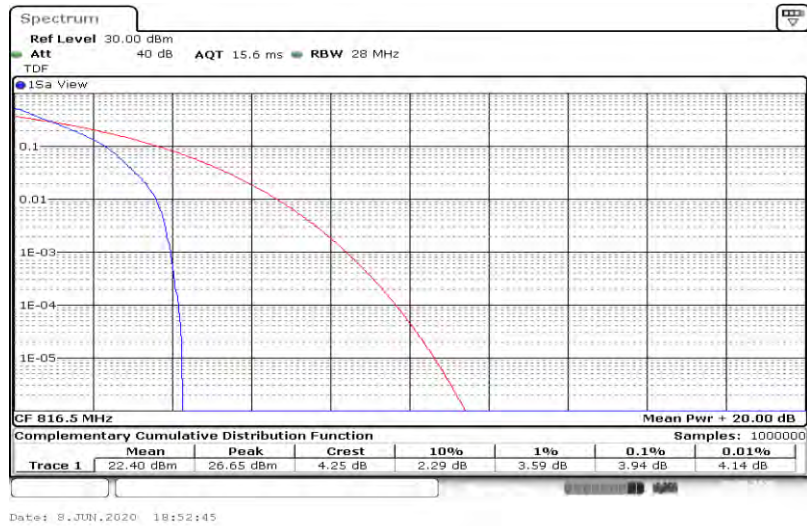
Band26-3MHz-16QAM-26915-15RB#0



Band26-3MHz-16QAM-27025-15RB#0



Band26-5MHz-QPSK-26715-25RB#0

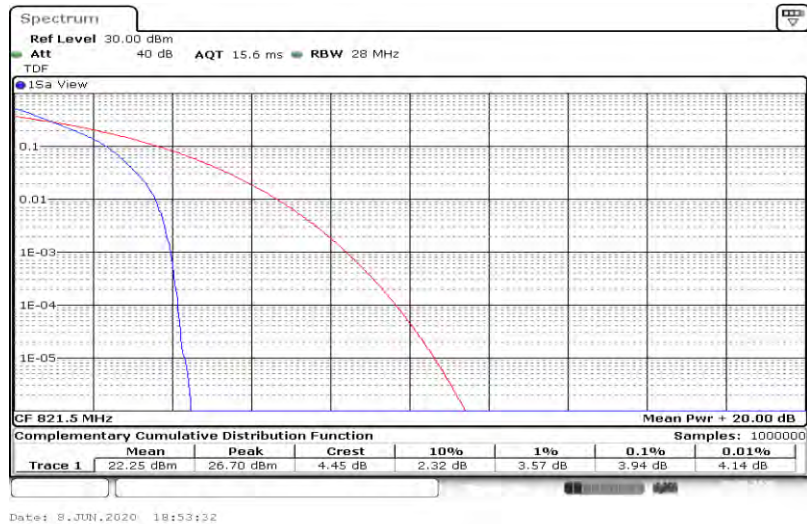


Band26-5MHz-QPSK-26740-25RB#0

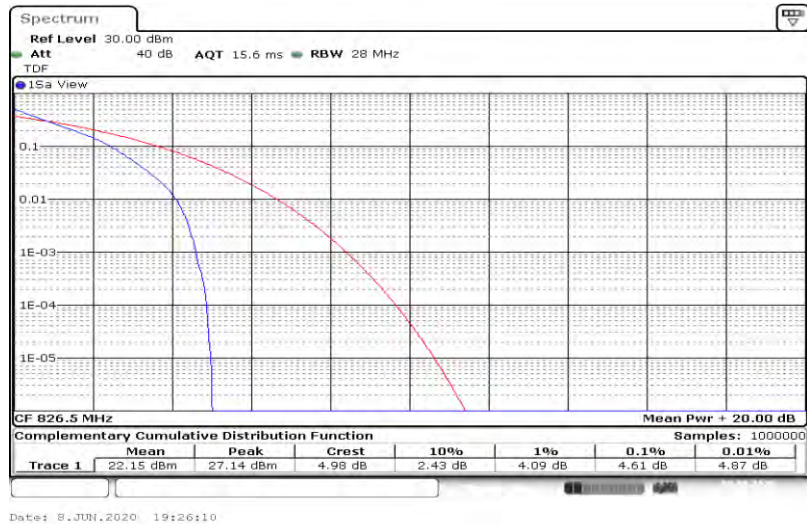


Band26-5MHz-QPSK-26765-25RB#0





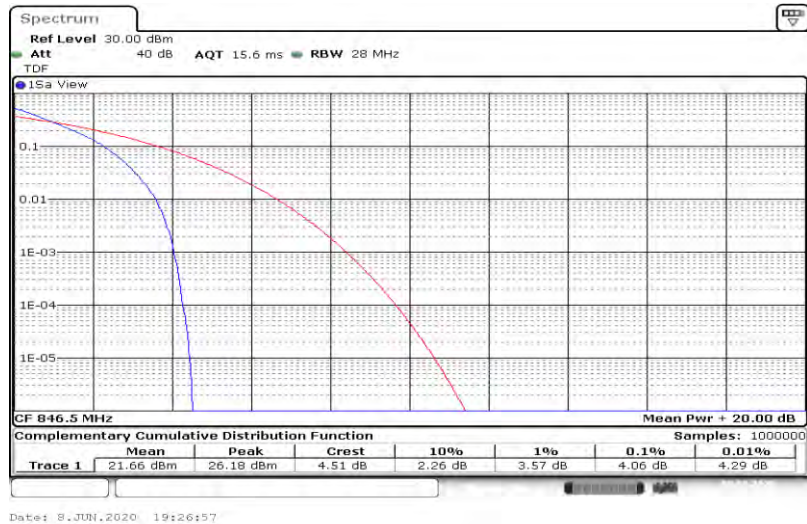
Band26-5MHz-QPSK-26815-25RB#0



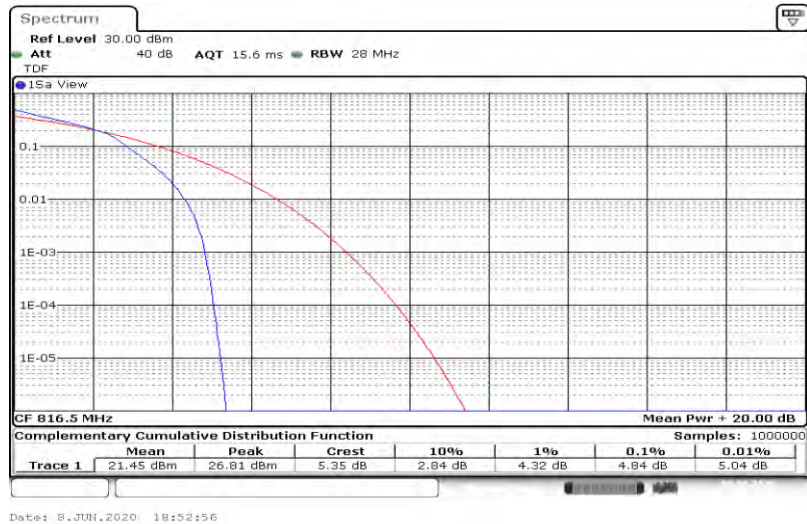
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Band26-5MHz-QPSK-27015-25RB#0



Band26-5MHz-16QAM-26715-25RB#0

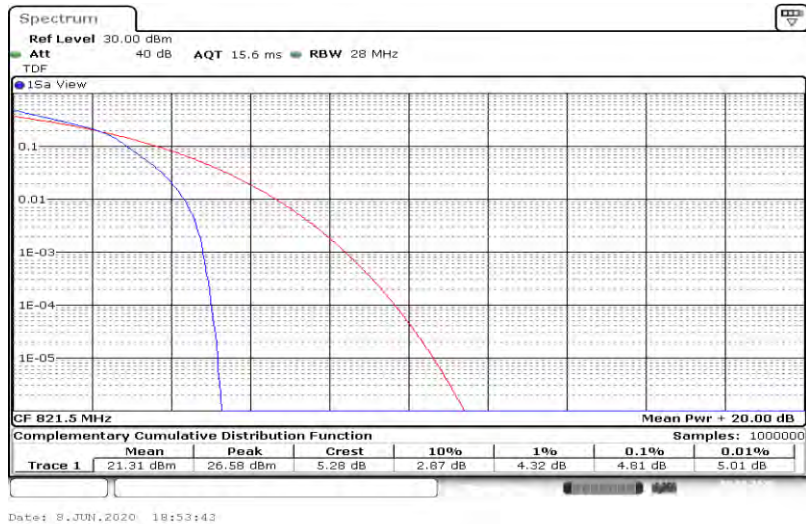


Band26-5MHz-16QAM-26740-25RB#0

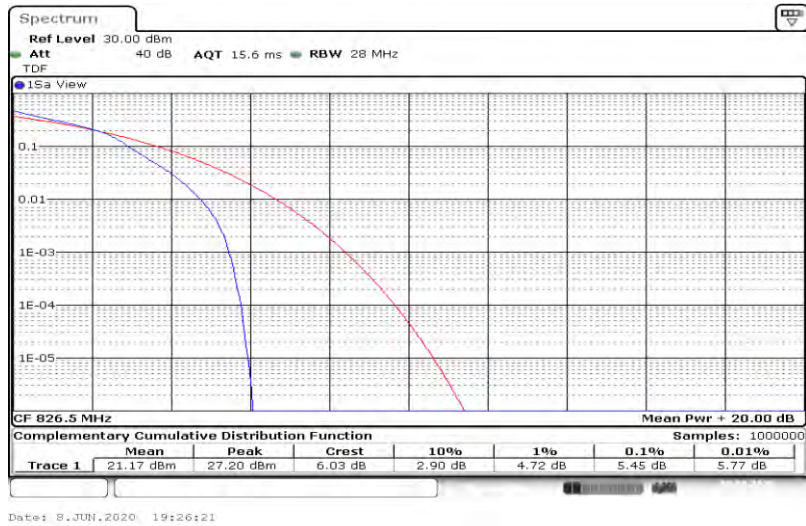


Band26-5MHz-16QAM-26765-25RB#0





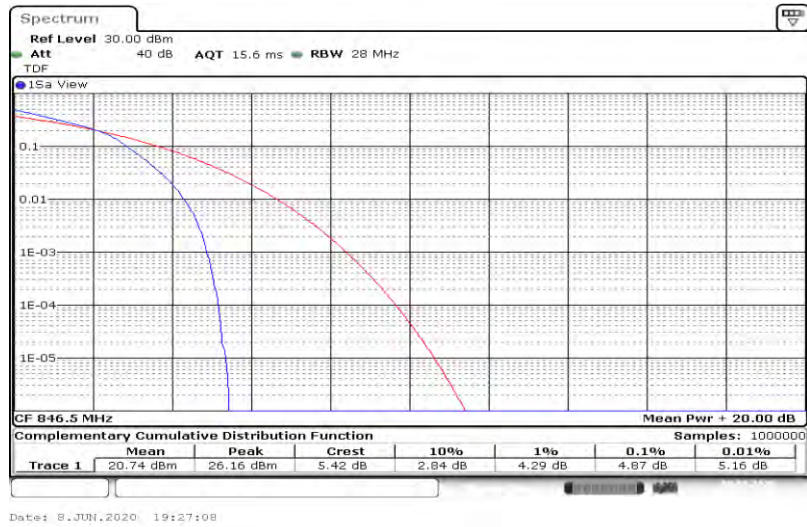
Band26-5MHz-16QAM-26815-25RB#0



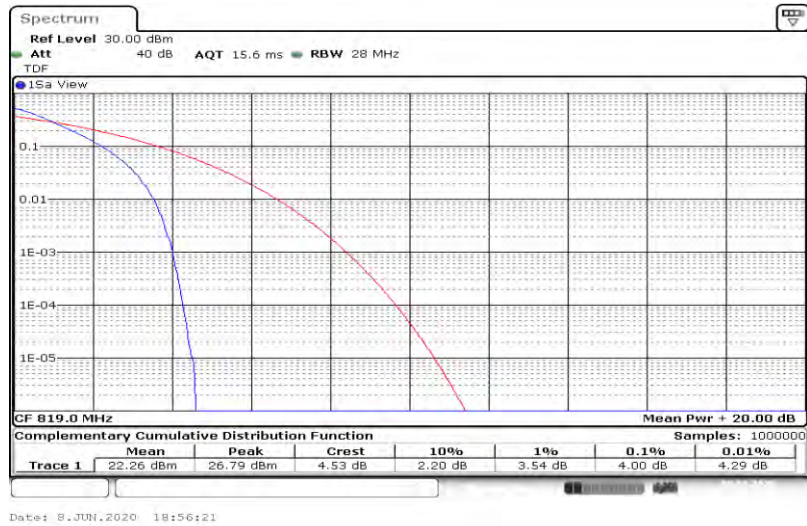
Band26-5MHz-16QAM-26915-25RB#0



Band26-5MHz-16QAM-27015-25RB#0



Band26-10MHz-QPSK-26740-50RB#0

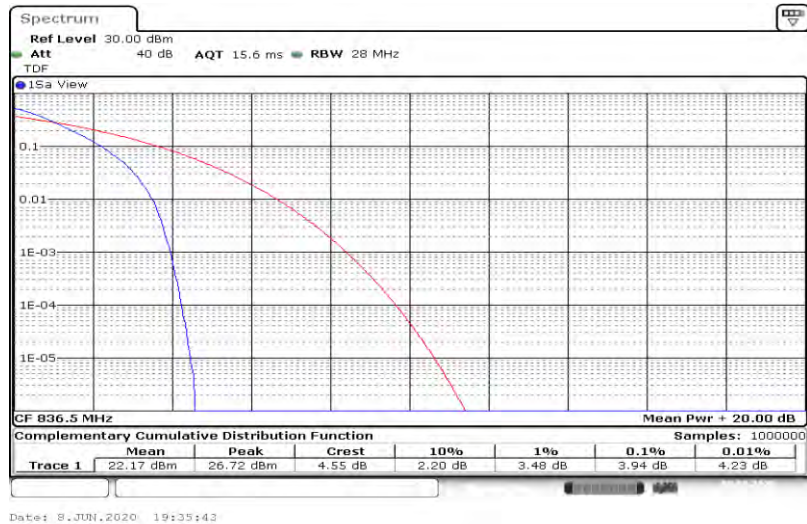


Band26-10MHz-QPSK-26840-50RB#0

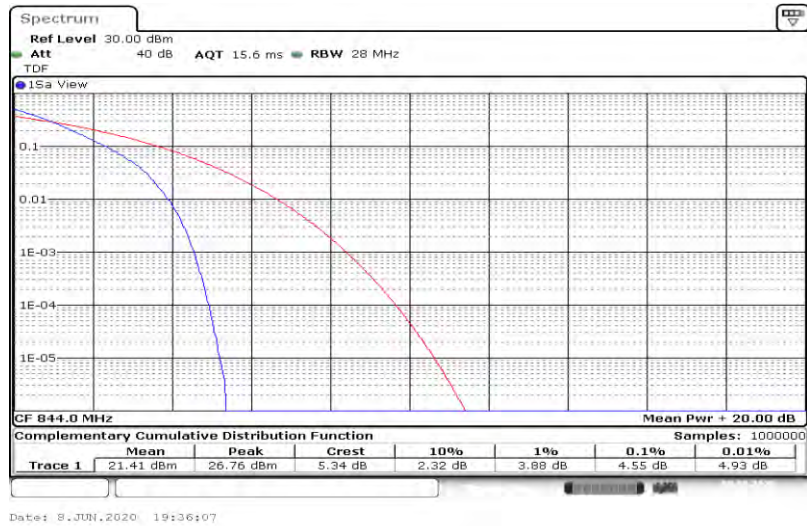


Band26-10MHz-QPSK-26915-50RB#0

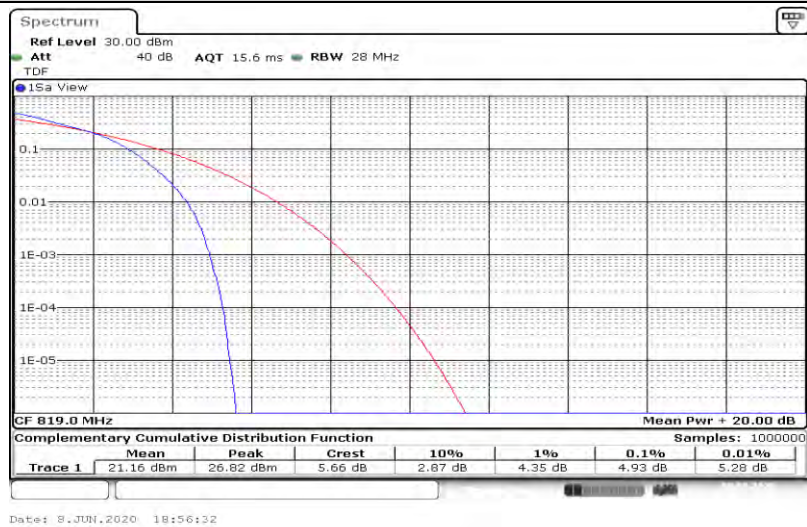




Band26-10MHz-QPSK-26990-50RB#0



Band26-10MHz-16QAM-26740-50RB#0

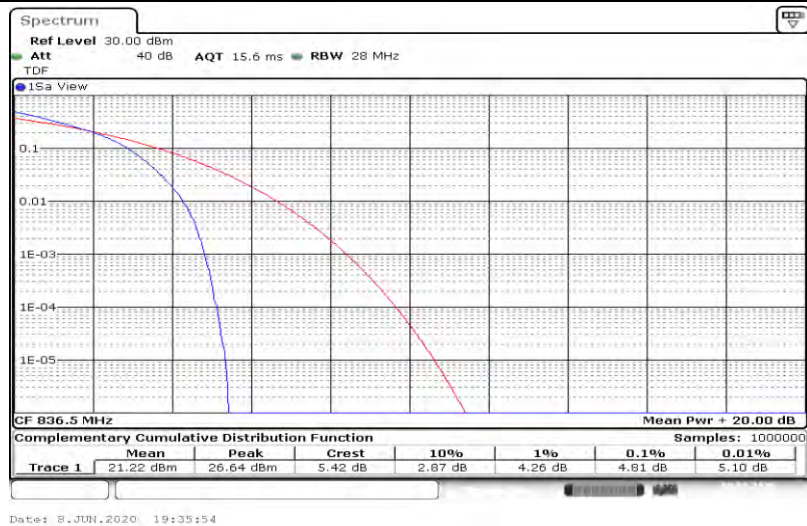


Band26-10MHz-16QAM-26840-50RB#0



Date: 8 JUN 2020 19:35:30

### Band26-10MHz-16QAM-26915-50RB#0



Date: 8 JUN 2020 19:35:54

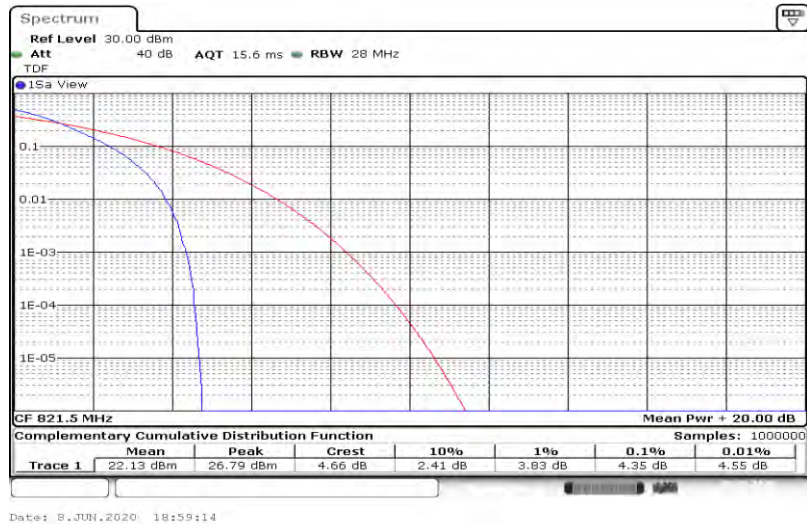
### Band26-10MHz-16QAM-26990-50RB#0



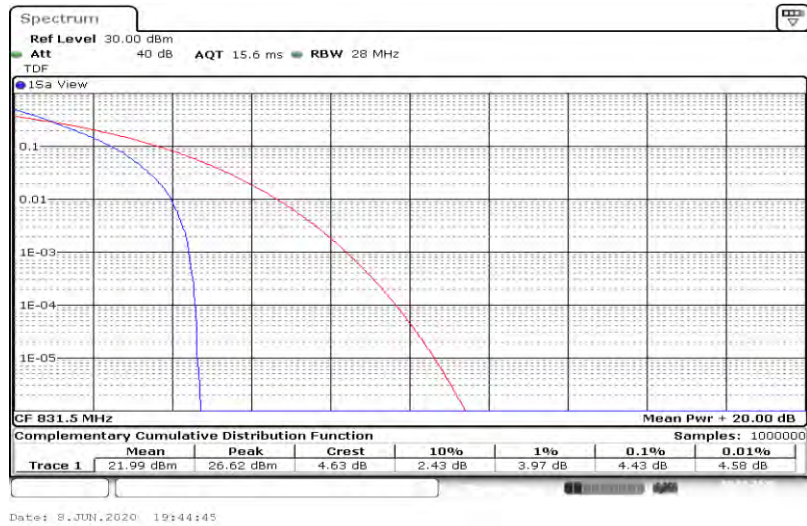
Date: 8 JUN 2020 19:36:18

### Band26-15MHz-QPSK-26765-75RB#0





Band26-15MHz-QPSK-26865-75RB#0



Band26-15MHz-QPSK-26915-75RB#0



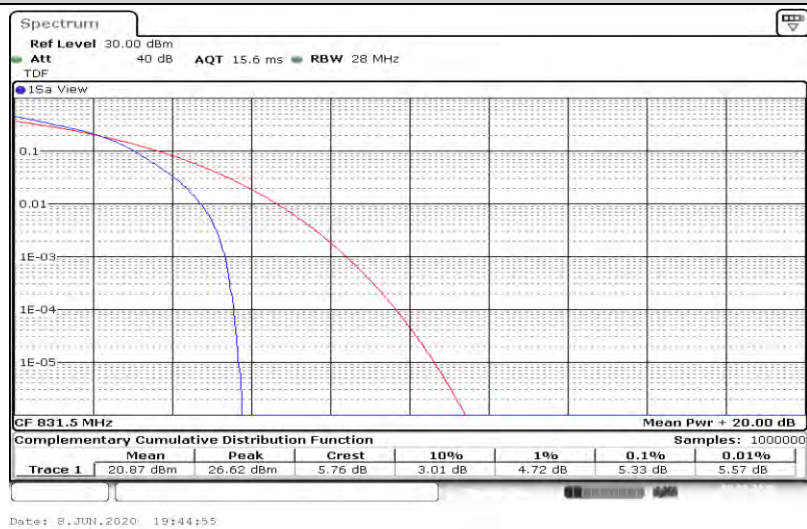
Band26-15MHz-QPSK-26965-75RB#0



Band26-15MHz-16QAM-26765-75RB#0

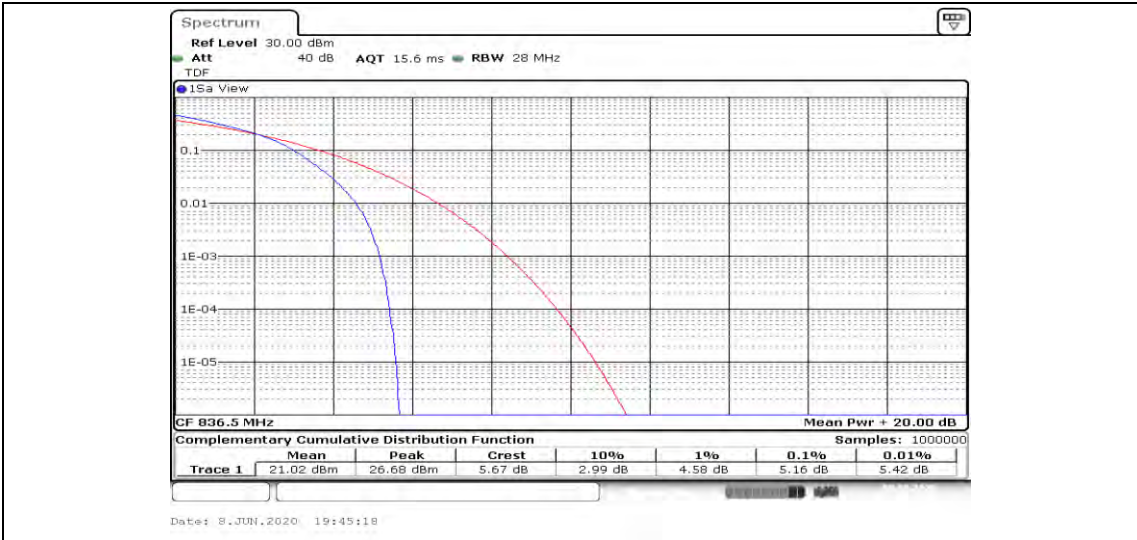


Band26-15MHz-16QAM-26865-75RB#0



Band26-15MHz-16QAM-26915-75RB#0





Band26-15MHz-16QAM-26965-75RB#0



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

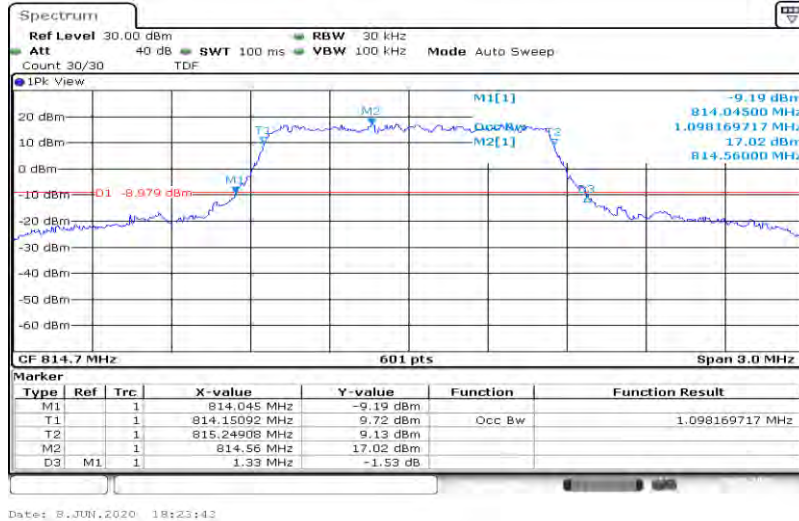
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.098	1.330	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.103	1.335	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.098	1.335	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	1.093	1.315	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.098	1.340	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.098	1.350	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.103	1.320	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.103	1.335	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.103	1.315	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.098	1.310	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.103	1.325	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.108	1.320	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.705	3.010	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.705	3.000	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.705	2.990	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.705	2.990	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.705	3.030	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.715	3.030	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.696	3.000	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.705	3.010	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.696	2.980	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.696	3.000	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.696	2.990	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.696	3.000	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.505	5.040	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.515	5.060	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.515	5.060	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.525	5.060	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.505	5.060	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.505	5.060	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.525	5.070	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.535	5.080	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.515	5.050	PASS

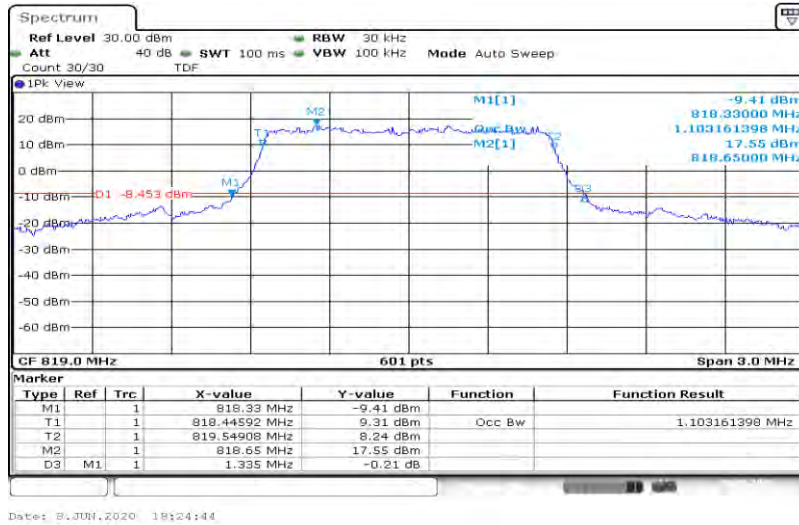
Band26	5MHz	16QAM	26815	25RB#0	4.515	5.020	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.525	5.080	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.505	5.040	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.952	9.967	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.985	10.067	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.985	9.967	PASS
Band26	10MHz	QPSK	26990	50RB#0	9.018	10.067	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.952	9.900	PASS
Band26	10MHz	16QAM	26840	50RB#0	9.018	10.000	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.985	9.900	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.985	9.900	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.527	14.950	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.428	14.900	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.527	14.950	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.478	14.850	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.428	14.900	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.527	14.850	PASS

# Test Graphs

Band26-1.4MHz-QPSK-26697-6RB#0-1.098

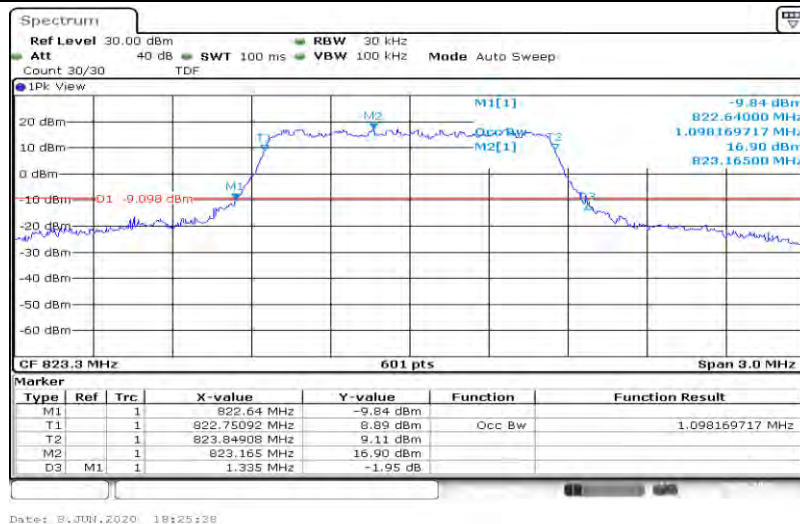


Band26-1.4MHz-QPSK-26740-6RB#0-1.103

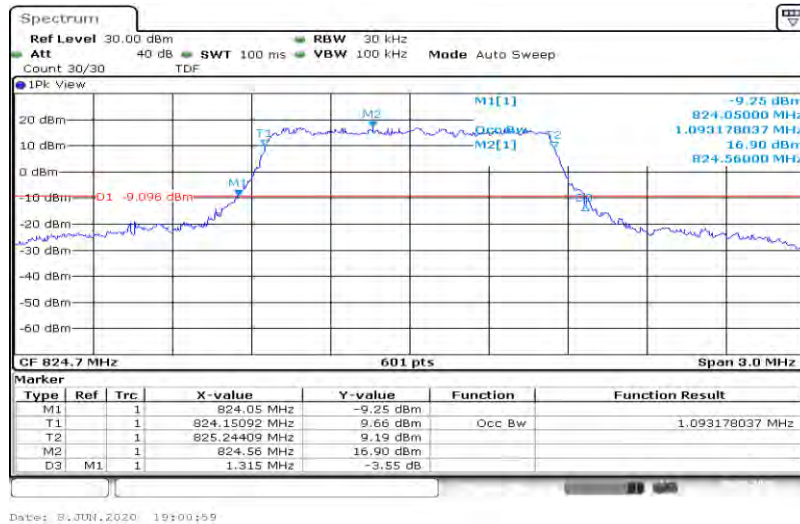


Band26-1.4MHz-QPSK-26783-6RB#0-1.098

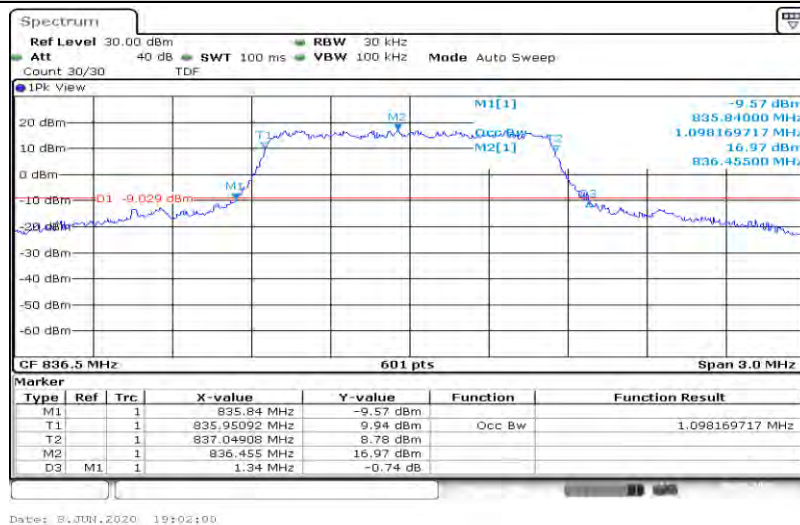




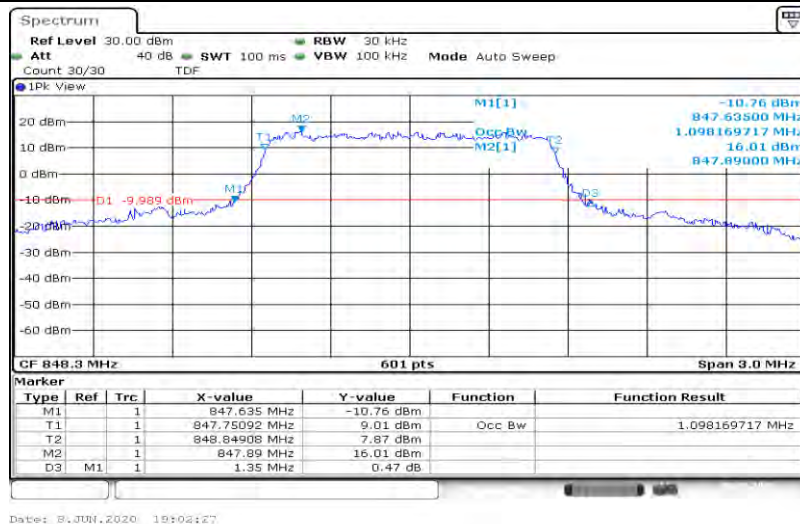
Band26-1.4MHz-QPSK-26797-6RB#0-1.093



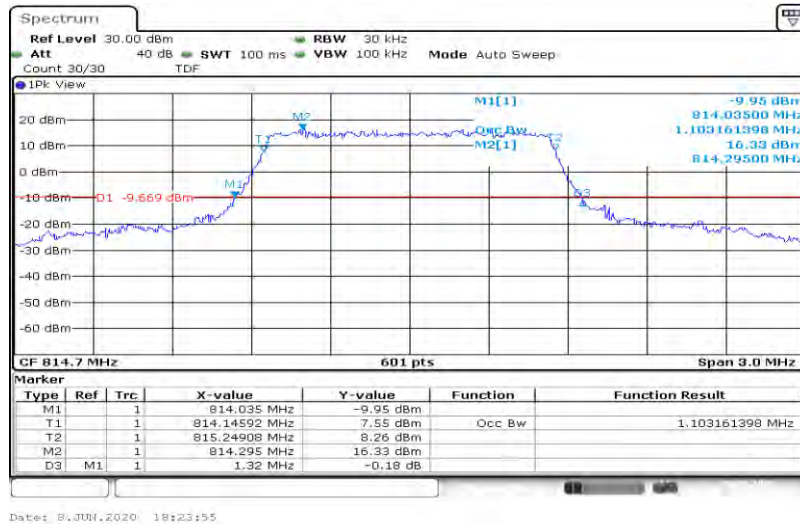
Band26-1.4MHz-QPSK-26915-6RB#0-1.098



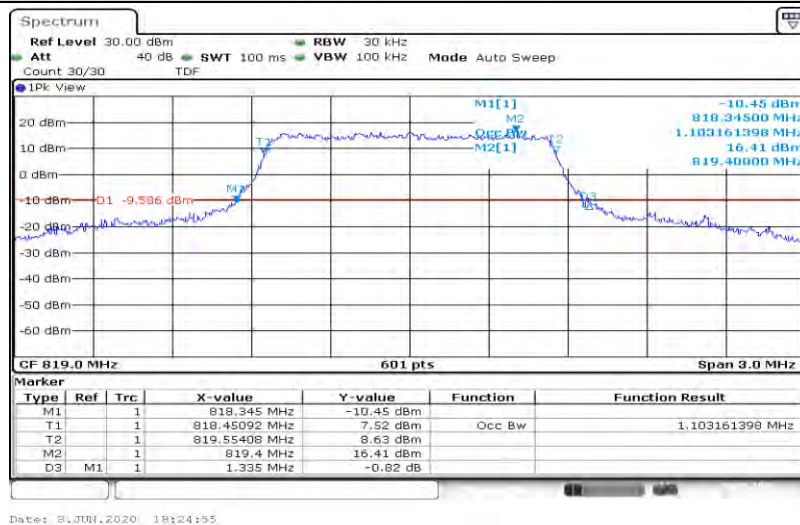
Band26-1.4MHz-QPSK-27033-6RB#0-1.098



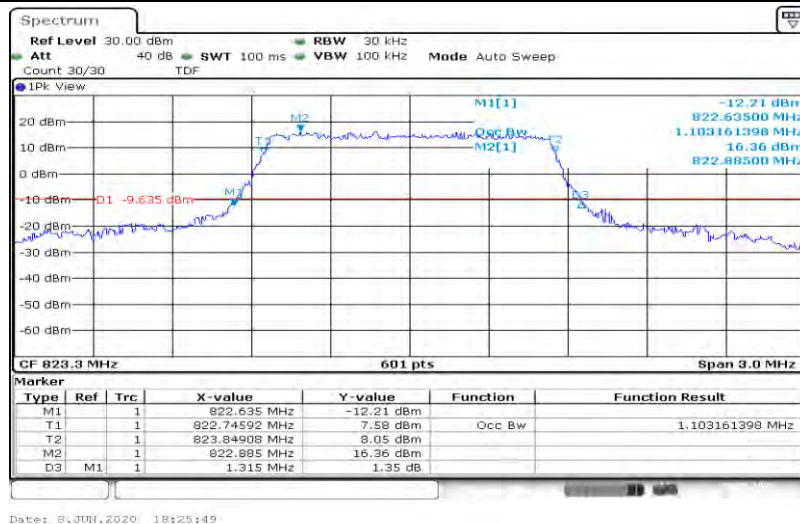
Band26-1.4MHz-16QAM-26697-6RB#0-1.103



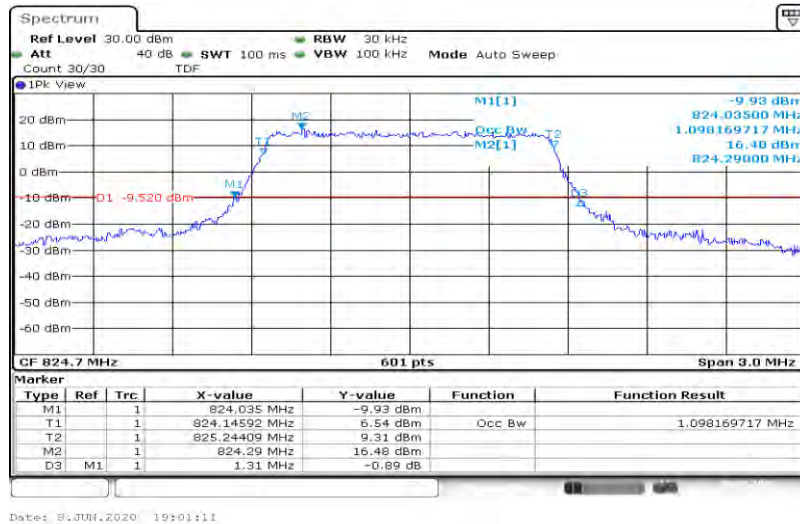
Band26-1.4MHz-16QAM-26740-6RB#0-1.103



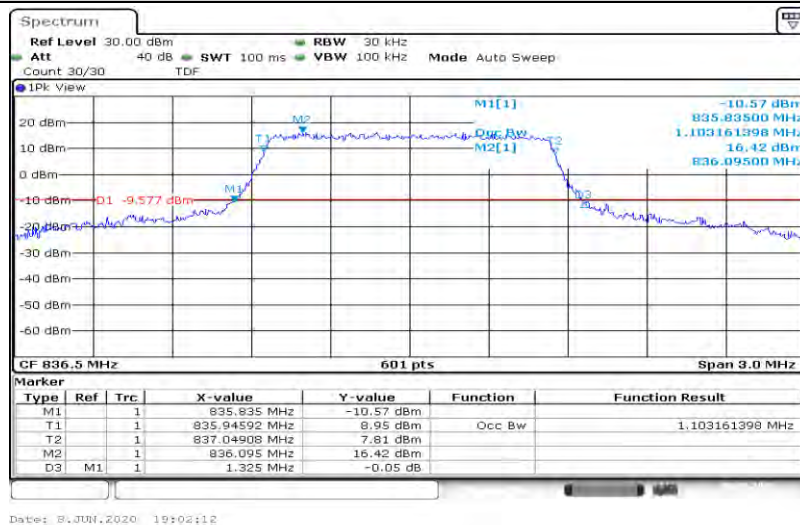
Band26-1.4MHz-16QAM-26783-6RB#0-1.103



Band26-1.4MHz-16QAM-26797-6RB#0-1.098

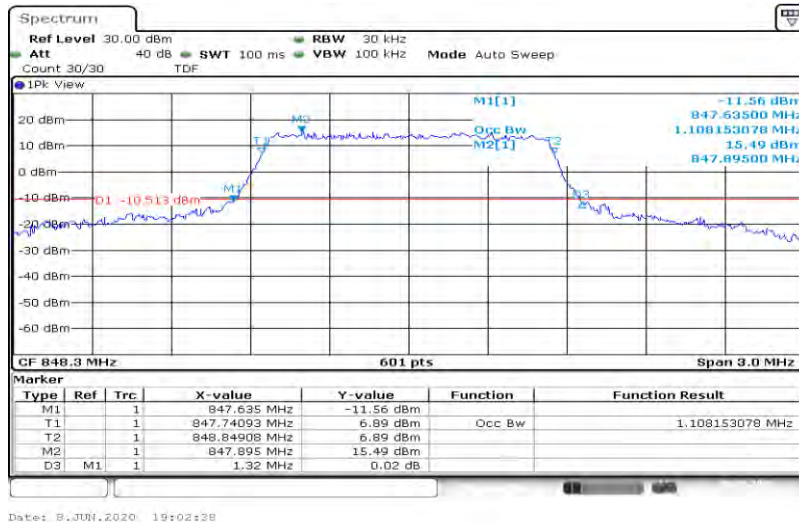


Band26-1.4MHz-16QAM-26915-6RB#0-1.103

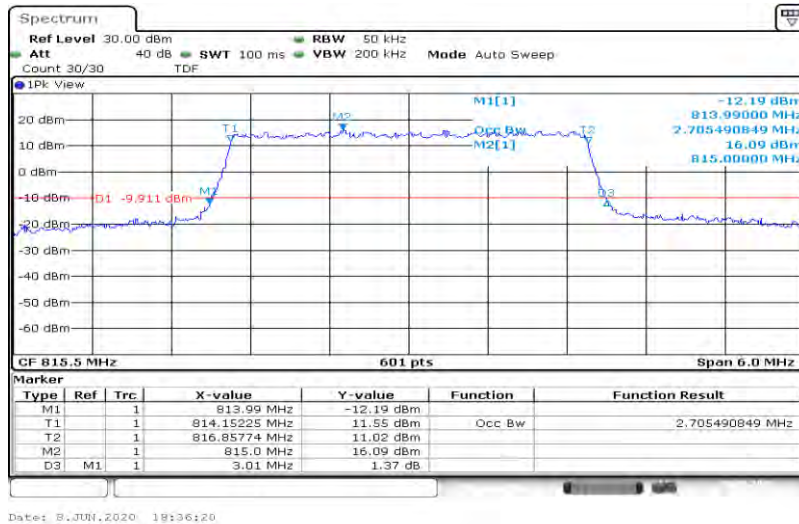


Band26-1.4MHz-16QAM-27033-6RB#0-1.108





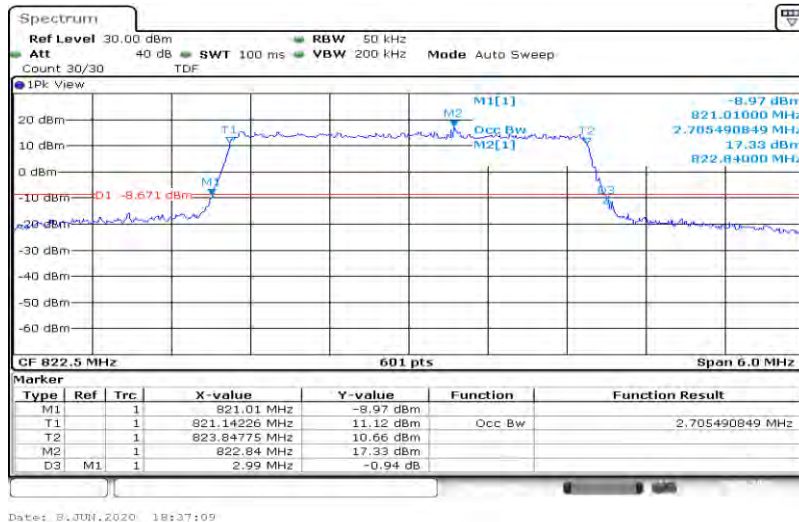
Band26-3MHz-QPSK-26705-15RB#0-2.705



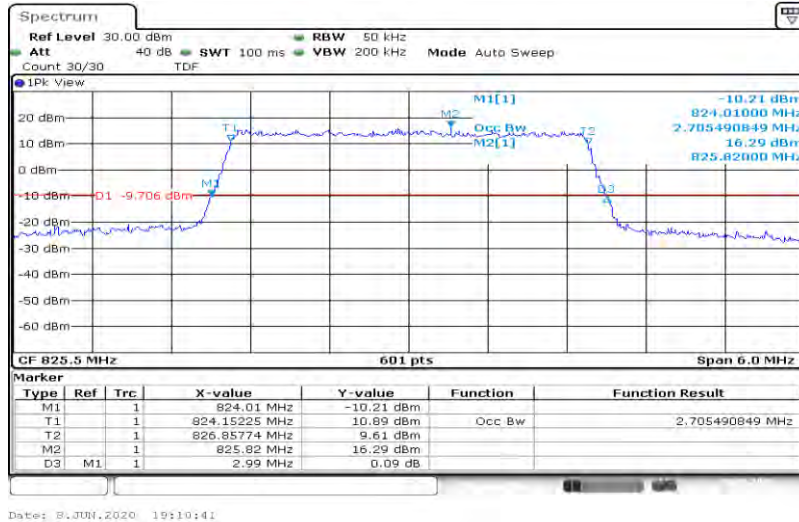
Band26-3MHz-QPSK-26740-15RB#0-2.705



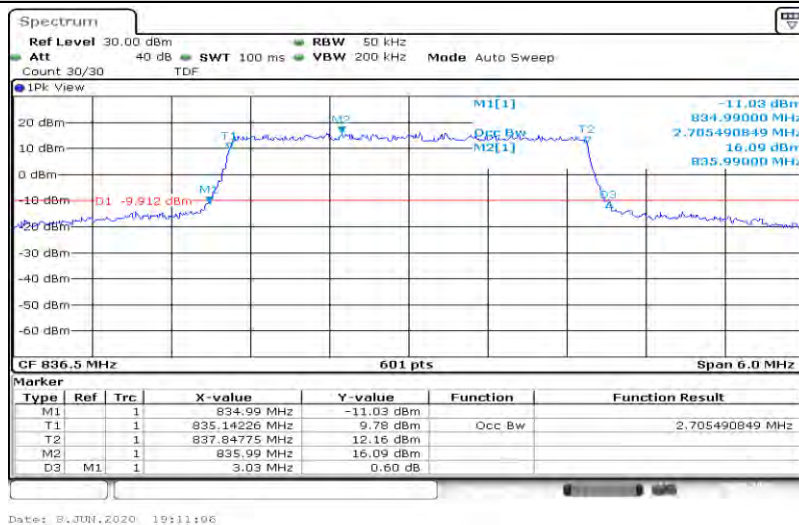
Band26-3MHz-QPSK-26775-15RB#0-2.705



Band26-3MHz-QPSK-26805-15RB#0-2.705

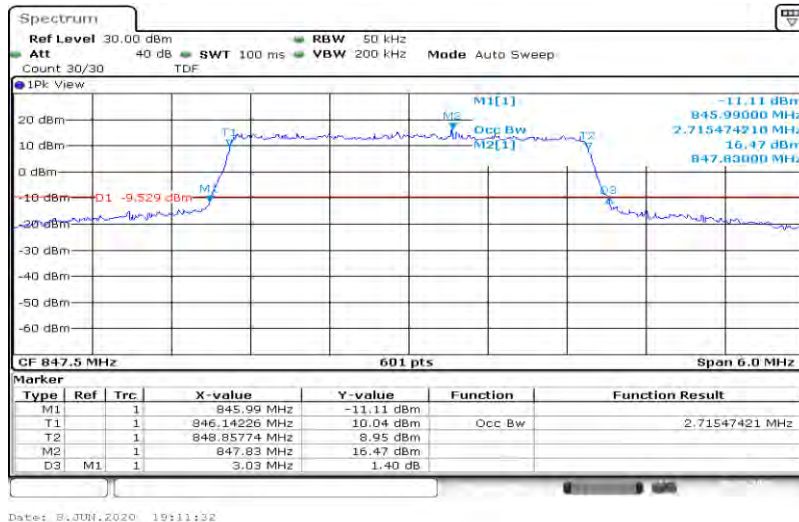


Band26-3MHz-QPSK-26915-15RB#0-2.705

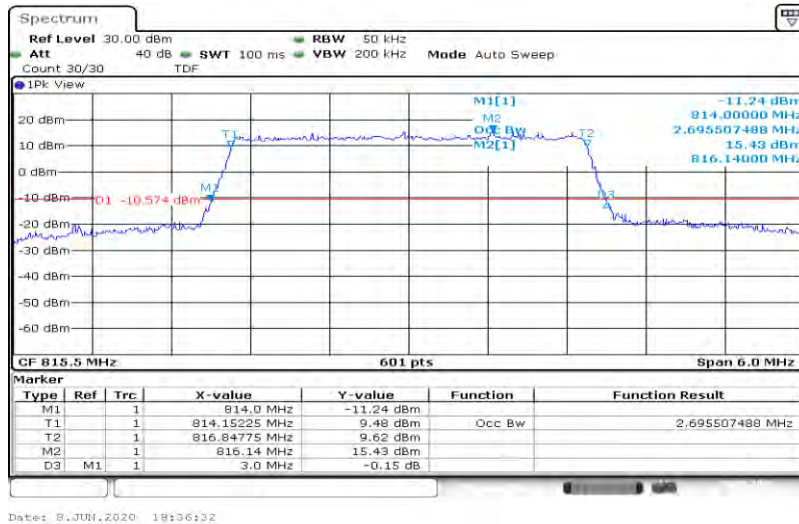


Band26-3MHz-QPSK-27025-15RB#0-2.715

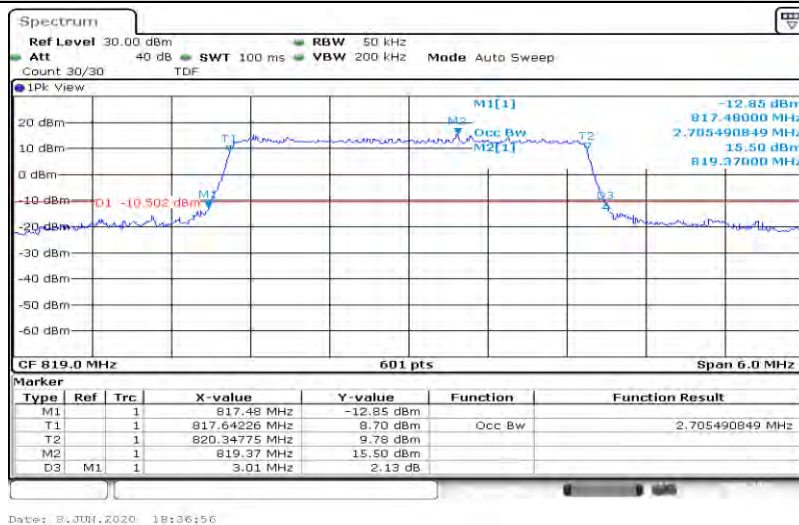




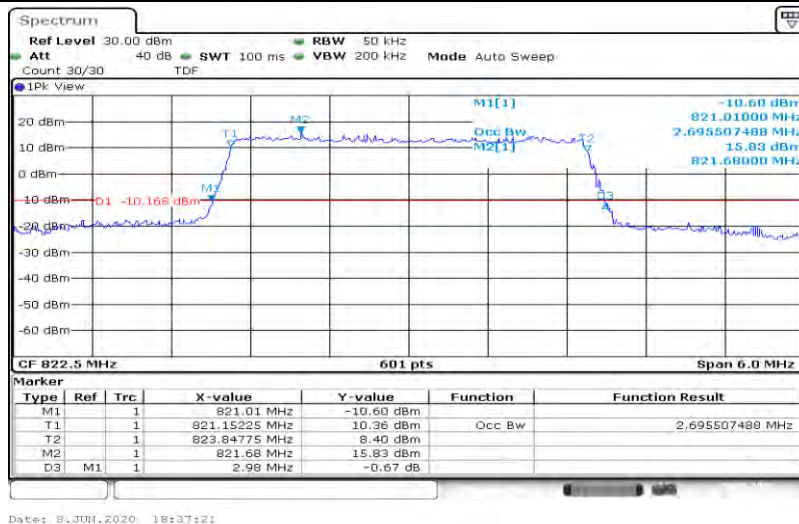
Band26-3MHz-16QAM-26705-15RB#0-2.696



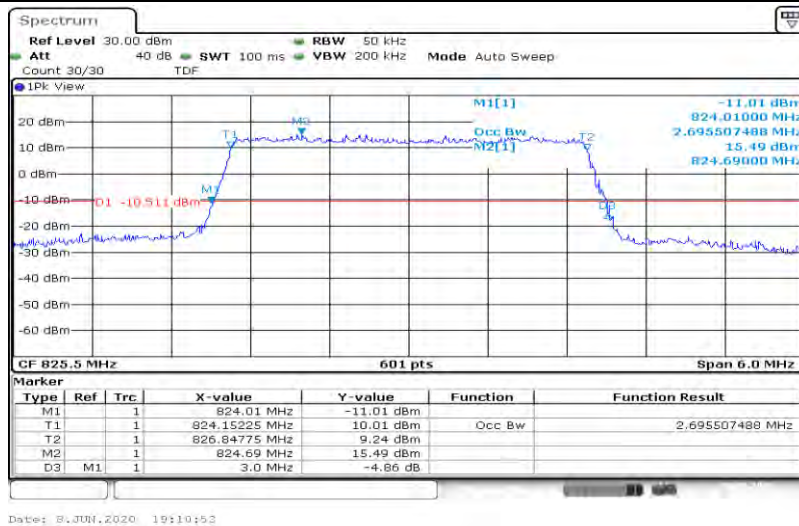
Band26-3MHz-16QAM-26740-15RB#0-2.705



Band26-3MHz-16QAM-26775-15RB#0-2.696



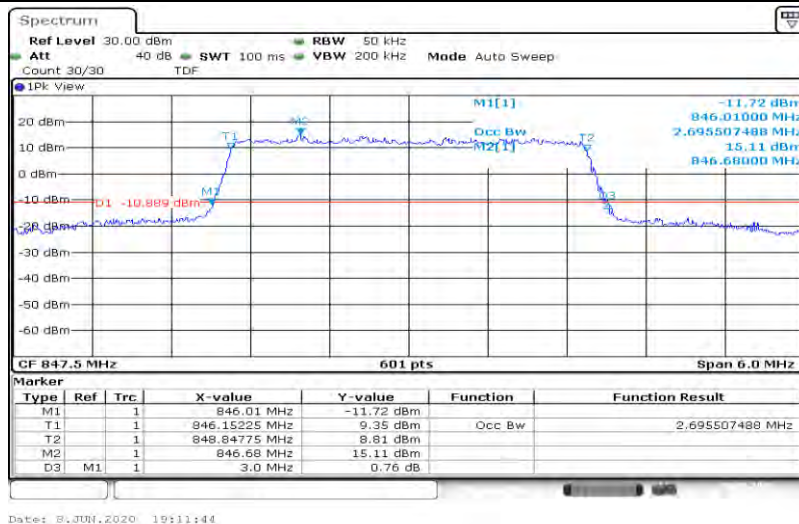
Band26-3MHz-16QAM-26805-15RB#0-2.696



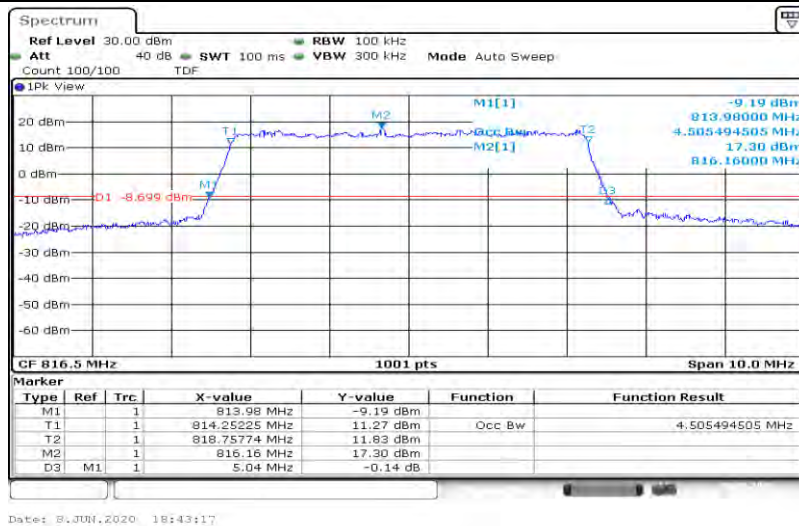
Band26-3MHz-16QAM-26915-15RB#0-2.696



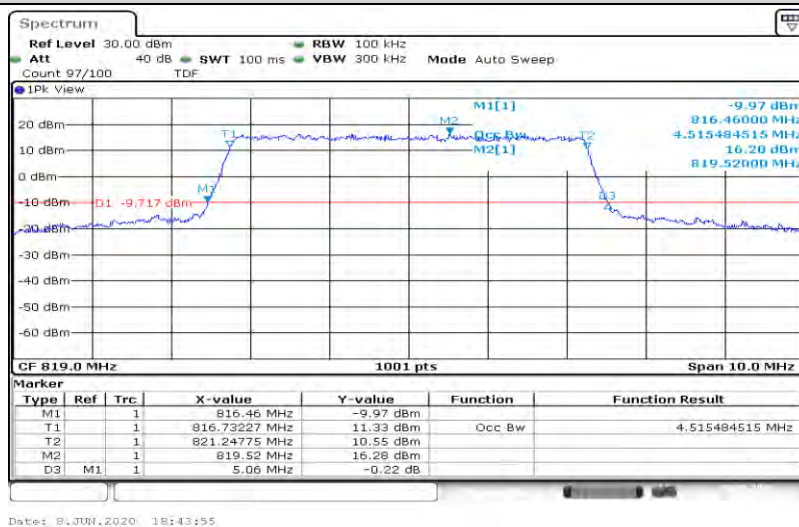
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Band26-5MHz-QPSK-26715-25RB#0-4.505

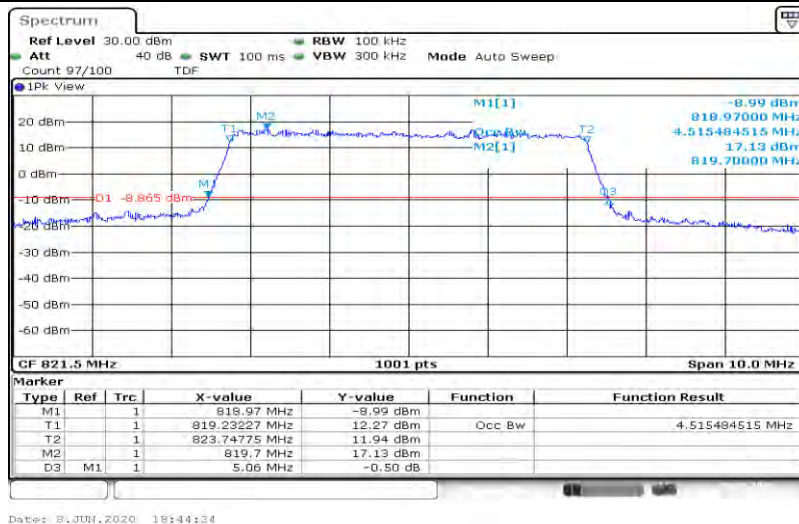


Band26-5MHz-QPSK-26740-25RB#0-4.515



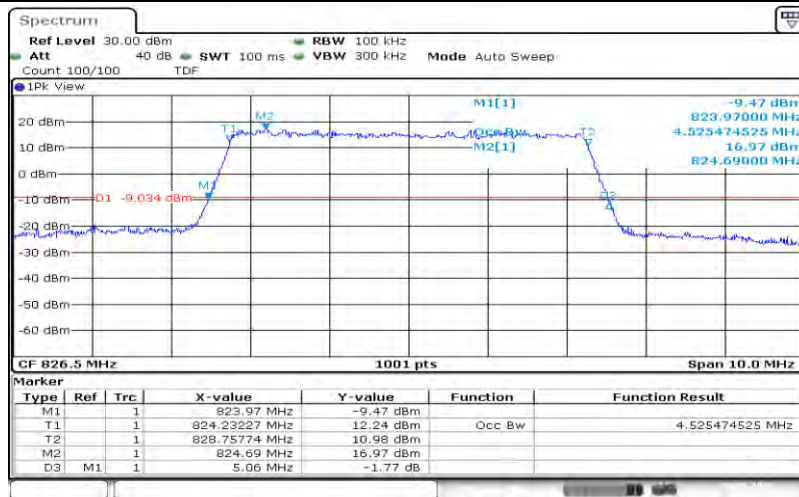
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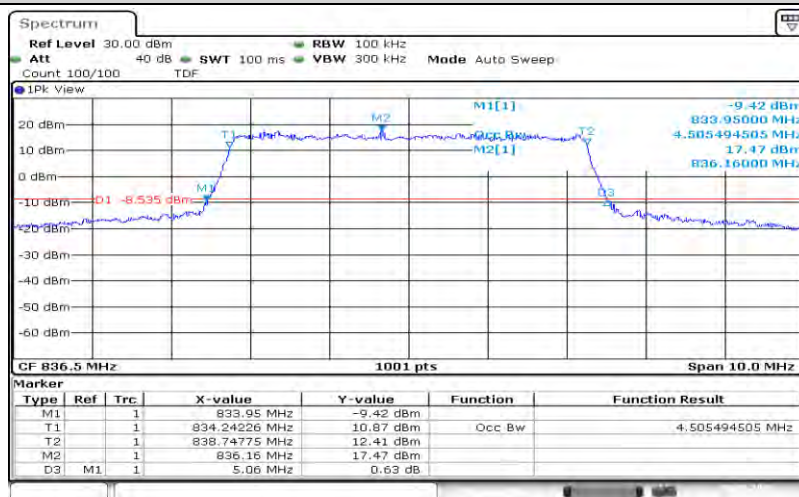
Date: 8 JUN 2020 19:44:24

### Band26-5MHz-QPSK-26815-25RB#0-4.525



Date: 8 JUN 2020 19:19:52

### Band26-5MHz-QPSK-26915-25RB#0-4.505



Date: 8 JUN 2020 19:20:31

### Band26-5MHz-QPSK-27015-25RB#0-4.505



Date: 8 JUN 2020 19:21:12

### Band26-5MHz-16QAM-26715-25RB#0-4.525



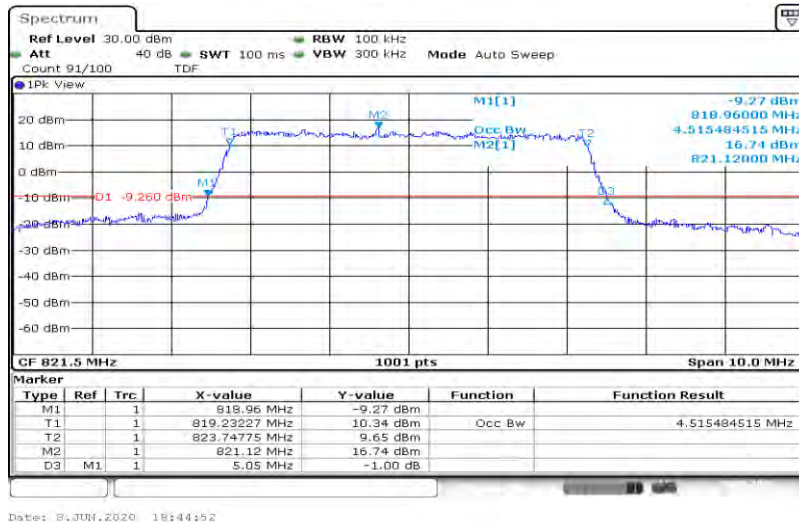
Date: 8 JUN 2020 18:43:36

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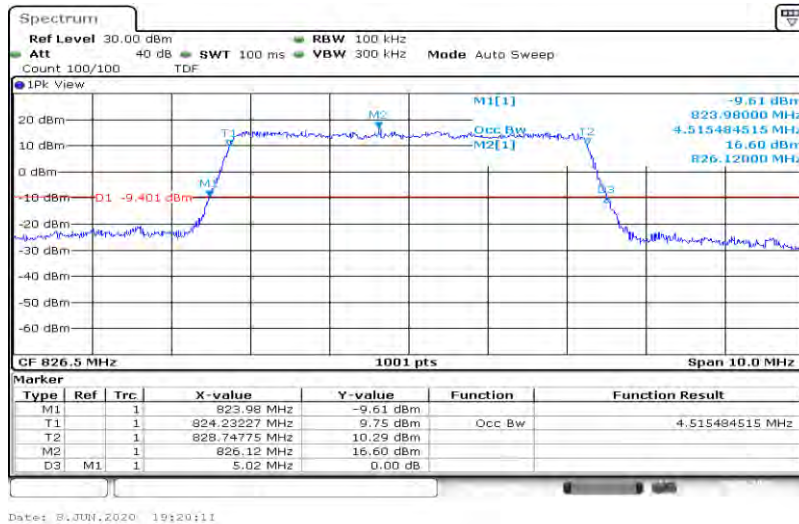


Date: 8 JUN 2020 18:44:14

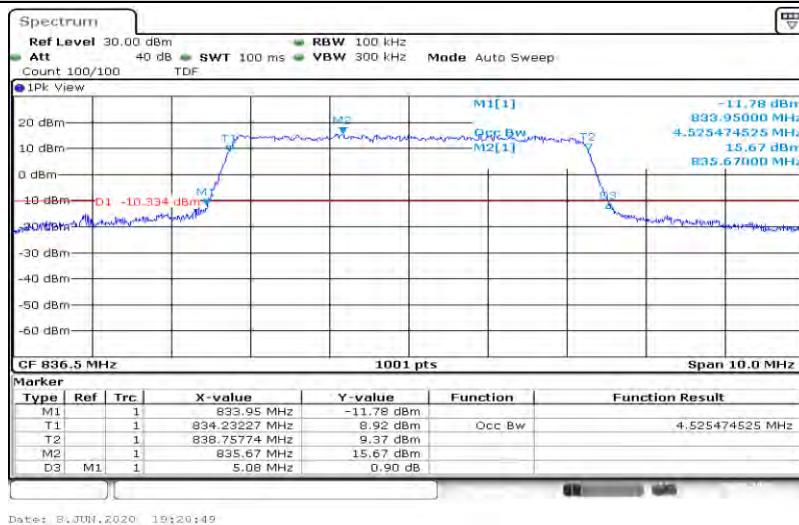
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Band26-5MHz-16QAM-26815-25RB#0-4.515

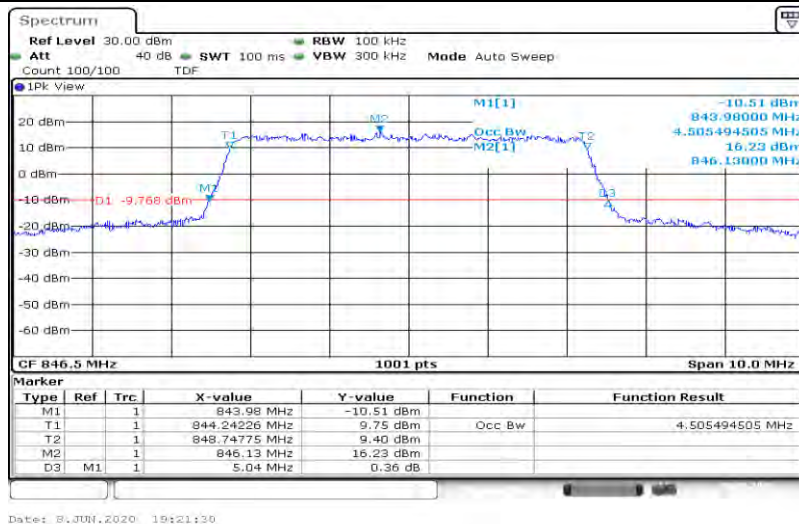


Band26-5MHz-16QAM-26915-25RB#0-4.525

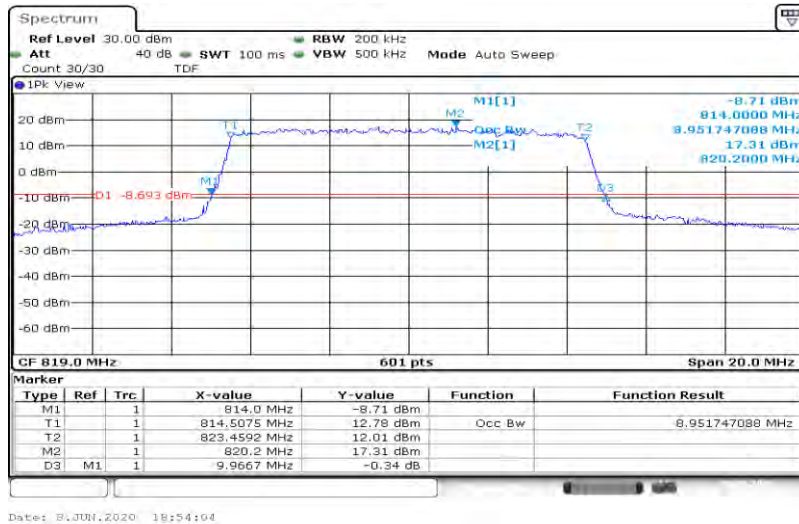


Band26-5MHz-16QAM-27015-25RB#0-4.505





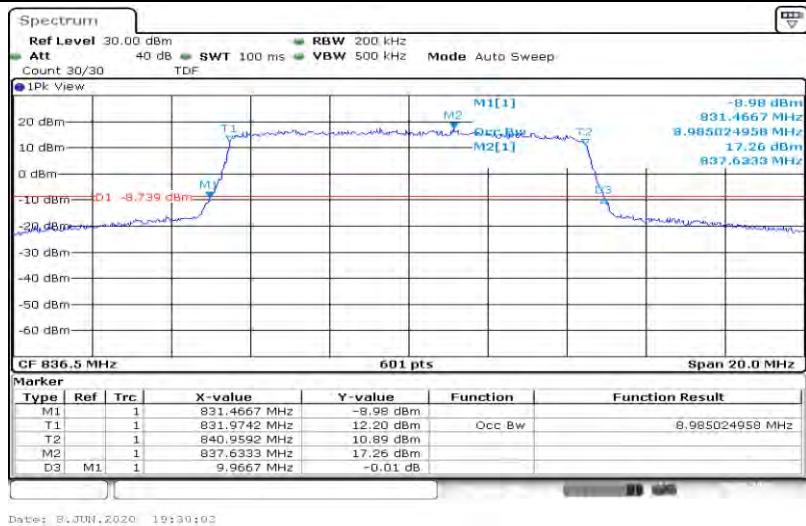
Band26-10MHz-QPSK-26740-50RB#0-8.952



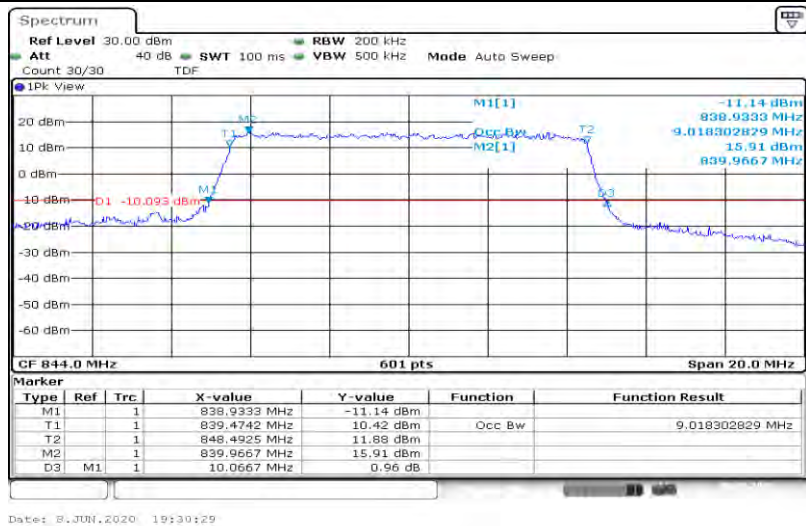
Band26-10MHz-QPSK-26840-50RB#0-8.985



Band26-10MHz-QPSK-26915-50RB#0-8.985



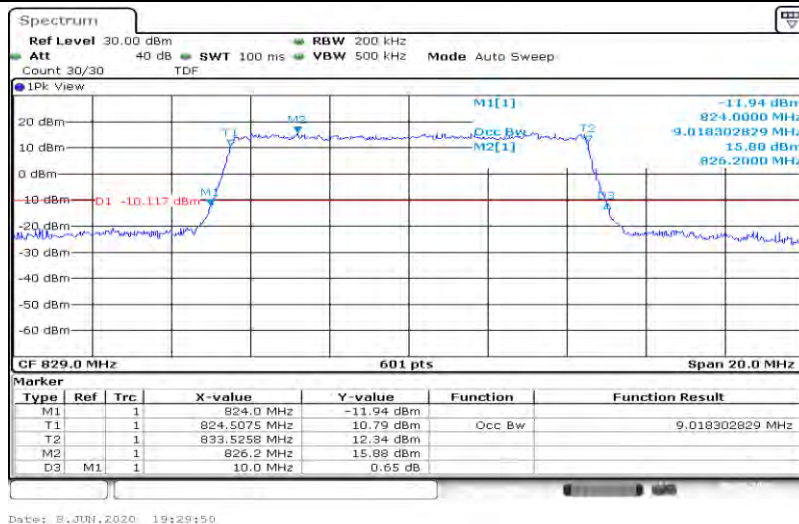
Band26-10MHz-QPSK-26990-50RB#0-9.018



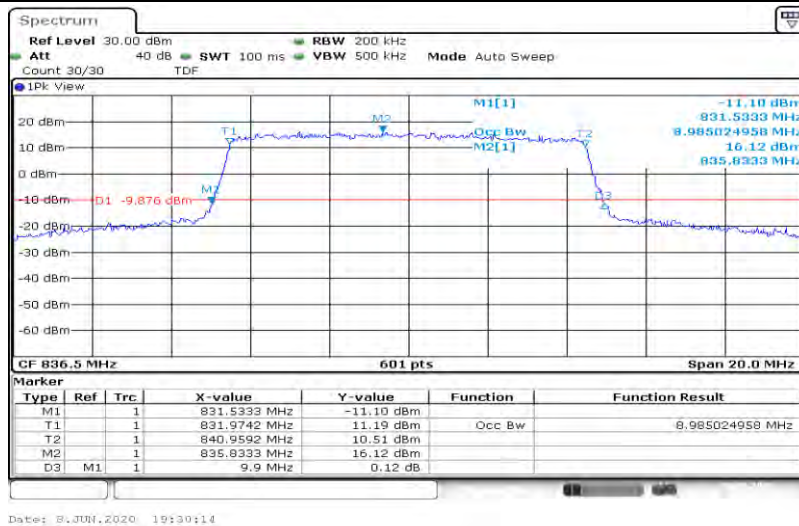
Band26-10MHz-16QAM-26740-50RB#0-8.952



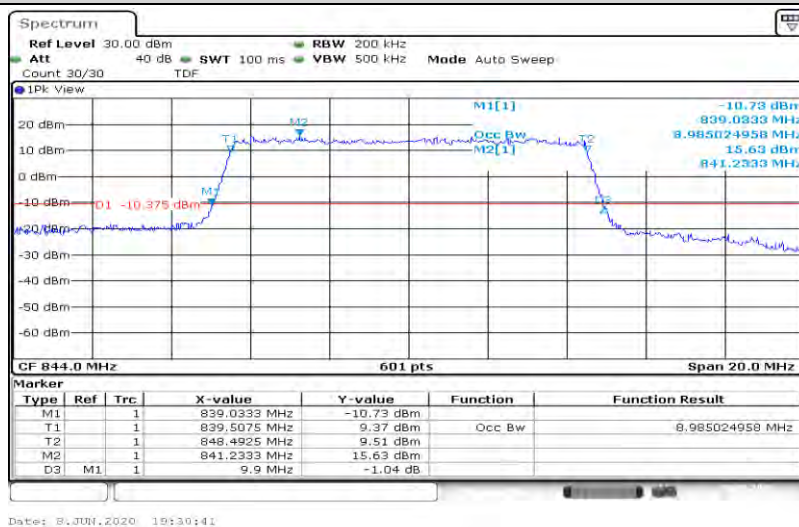
Band26-10MHz-16QAM-26840-50RB#0-9.018



Band26-10MHz-16QAM-26915-50RB#0-8.985

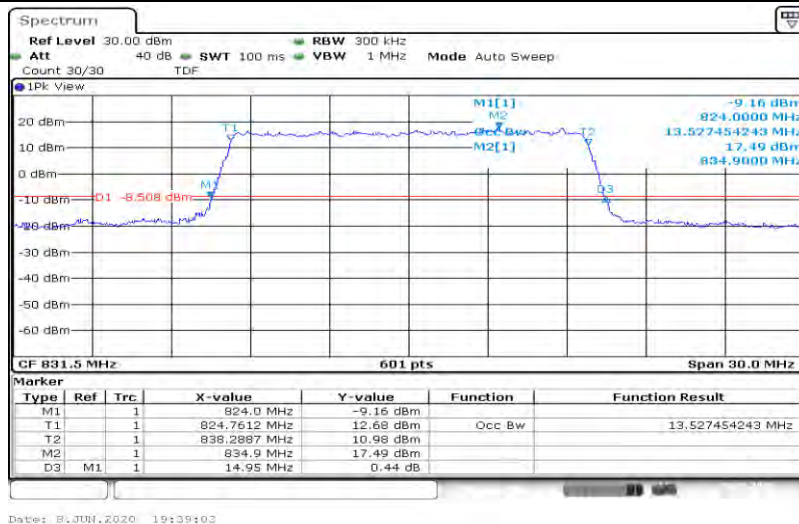


Band26-10MHz-16QAM-26990-50RB#0-8.985

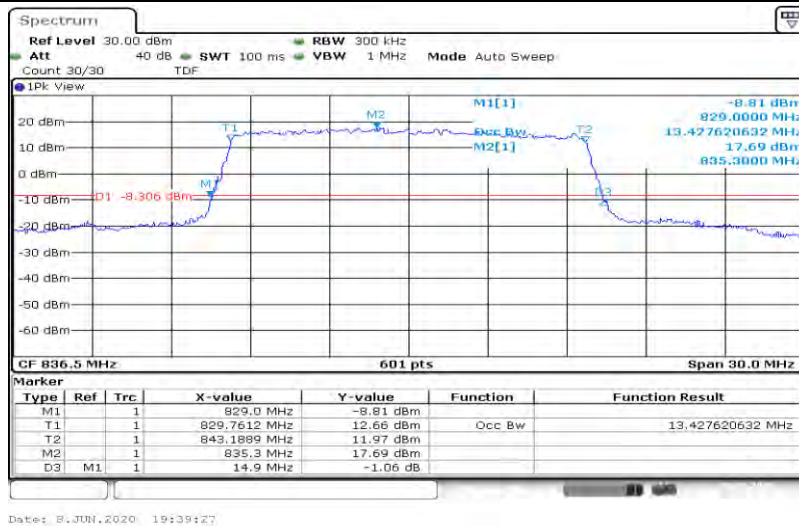


Band26-15MHz-QPSK-26865-75RB#0-13.527





Band26-15MHz-QPSK-26915-75RB#0-13.428



Band26-15MHz-QPSK-26965-75RB#0-13.527



Band26-15MHz-16QAM-26865-75RB#0-13.478



Date: 8 JUN 2020 19:39:15

Band26-15MHz-16QAM-26915-75RB#0-13.428



Date: 8 JUN 2020 19:39:39

Band26-15MHz-16QAM-26965-75RB#0-13.527



Date: 8 JUN 2020 19:40:05

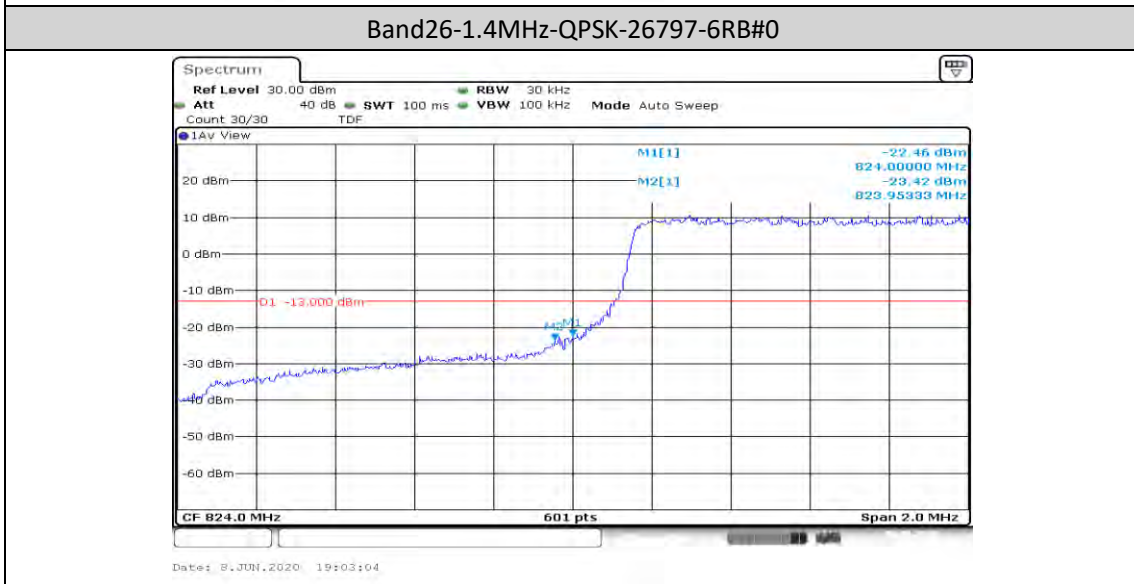
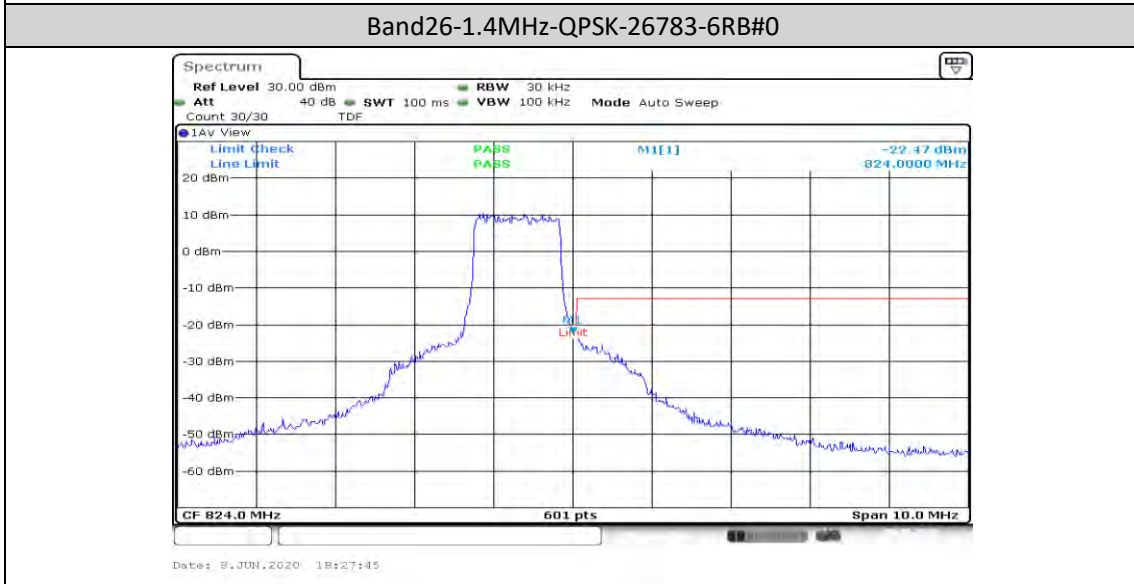
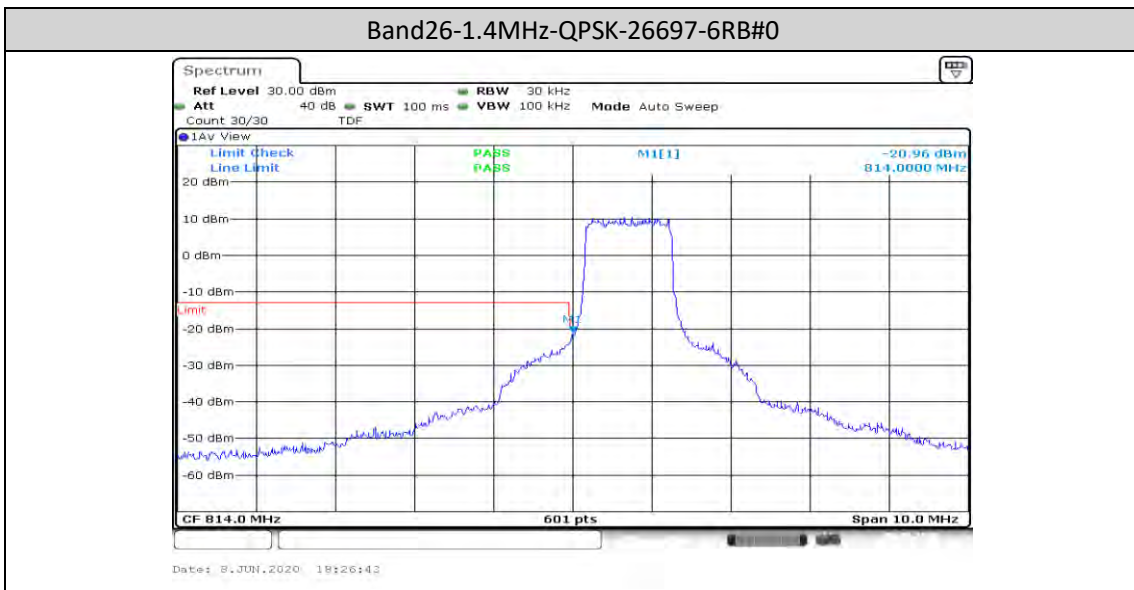
## Appendix D: Band Edge

### Test Result

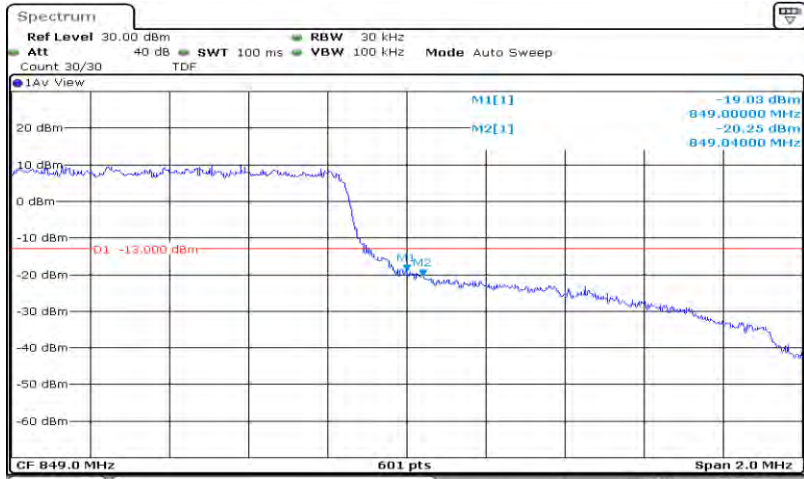
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	-20.96	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	-22.47	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	-22.46,-23.42	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	-19.03,-20.25	FAIL
Band26	1.4MHz	16QAM	26697	6RB#0	-23.83	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	-21.83	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	-24.68,-27.21	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	-21.17,-22.18	PASS
Band26	3MHz	QPSK	26705	15RB#0	-22.04	PASS
Band26	3MHz	QPSK	26775	15RB#0	-21.65	PASS
Band26	3MHz	QPSK	26805	15RB#0	-22.61,-25.31	PASS
Band26	3MHz	QPSK	27025	15RB#0	-20.77,-21.20	PASS
Band26	3MHz	16QAM	26705	15RB#0	-23.94	PASS
Band26	3MHz	16QAM	26775	15RB#0	-24.69	PASS
Band26	3MHz	16QAM	26805	15RB#0	-26.76,-28.87	PASS
Band26	3MHz	16QAM	27025	15RB#0	-21.95,-22.46	PASS
Band26	5MHz	QPSK	26715	25RB#0	-22.73	PASS
Band26	5MHz	QPSK	26765	25RB#0	-22.63	PASS
Band26	5MHz	QPSK	26815	25RB#0	-23.32,-25.47	PASS
Band26	5MHz	QPSK	27015	25RB#0	-21.92,-22.69	PASS
Band26	5MHz	16QAM	26715	25RB#0	-25.80	PASS
Band26	5MHz	16QAM	26765	25RB#0	-24.92	PASS
Band26	5MHz	16QAM	26815	25RB#0	-25.97,-27.57	PASS
Band26	5MHz	16QAM	27015	25RB#0	-23.36,-24.75	PASS
Band26	10MHz	QPSK	26740	50RB#0	-24.38,-24.04,-23.48,-23.26	PASS
Band26	10MHz	QPSK	26840	50RB#0	-25.35,-26.12	PASS
Band26	10MHz	QPSK	26990	50RB#0	-25.61,-26.36	PASS
Band26	10MHz	16QAM	26740	50RB#0	-26.85,-25.85,-26.27,-26.16	PASS
Band26	10MHz	16QAM	26840	50RB#0	-28.98,-29.65	PASS
Band26	10MHz	16QAM	26990	50RB#0	-28.89,-29.47	PASS
Band26	15MHz	QPSK	26865	75RB#0	-23.13,-23.72	PASS
Band26	15MHz	QPSK	26965	75RB#0	-22.05,-22.21	PASS
Band26	15MHz	16QAM	26865	75RB#0	-27.44,-27.80	PASS
Band26	15MHz	16QAM	26965	75RB#0	-25.32,-25.53	PASS



# Test Graphs

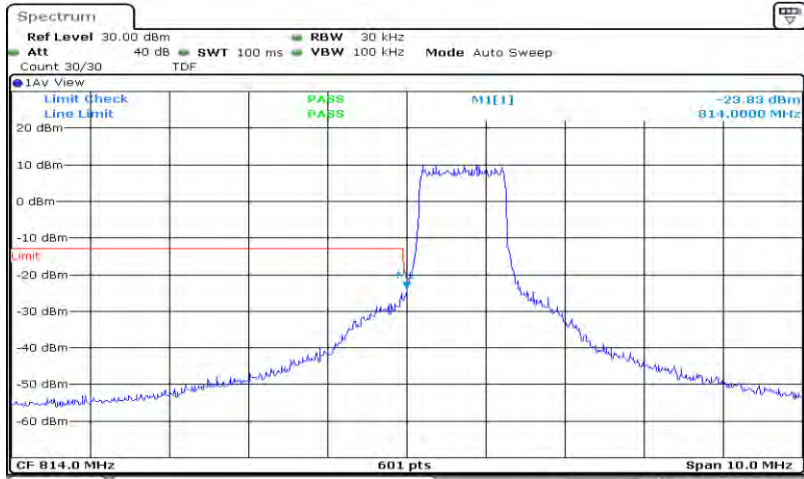


Band26-1.4MHz-QPSK-27033-6RB#0



Date: 8 JUN 2020 19:03:30

Band26-1.4MHz-16QAM-26697-6RB#0



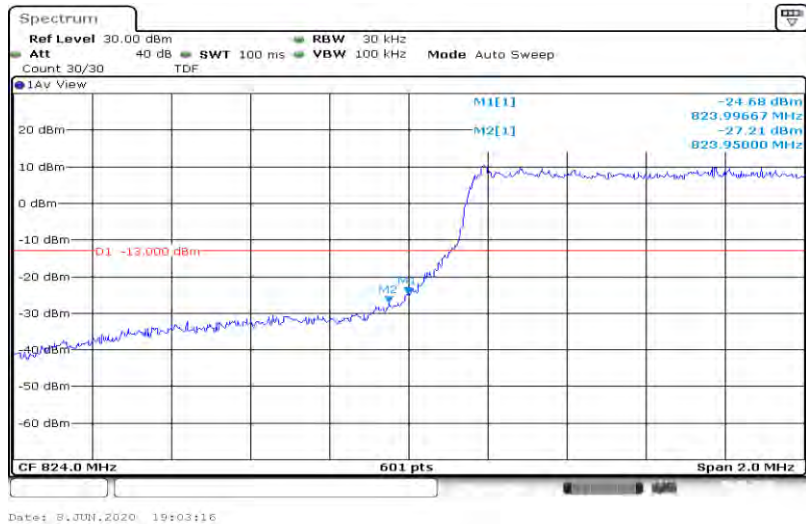
Date: 8 JUN 2020 18:26:55

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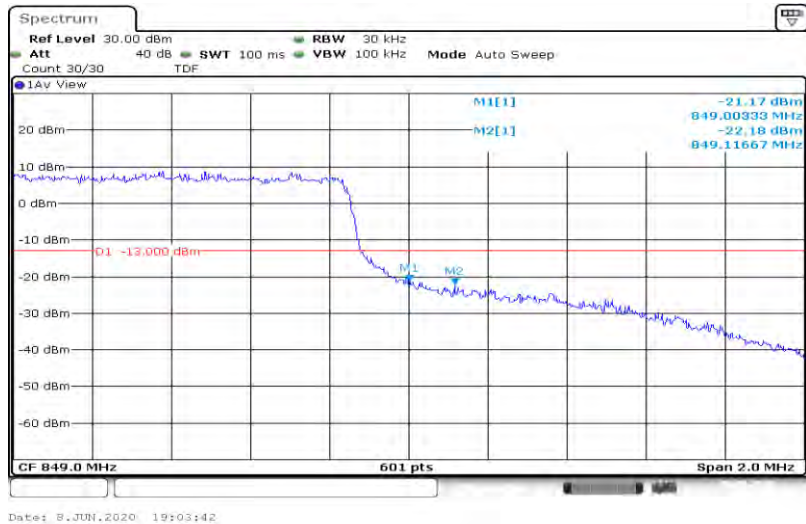


Date: 8 JUN 2020 18:27:57

Band26-1.4MHz-16QAM-26797-6RB#0



Band26-1.4MHz-16QAM-27033-6RB#0

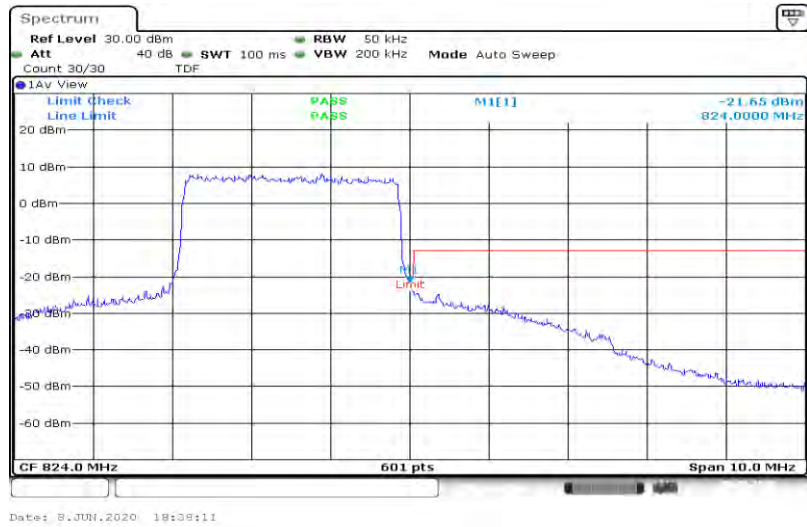


Band26-3MHz-QPSK-26705-15RB#0

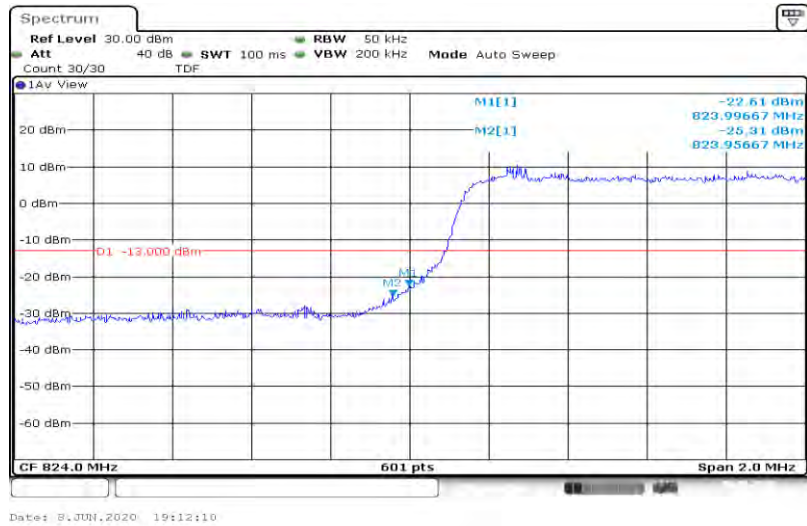


Band26-3MHz-QPSK-26775-15RB#0





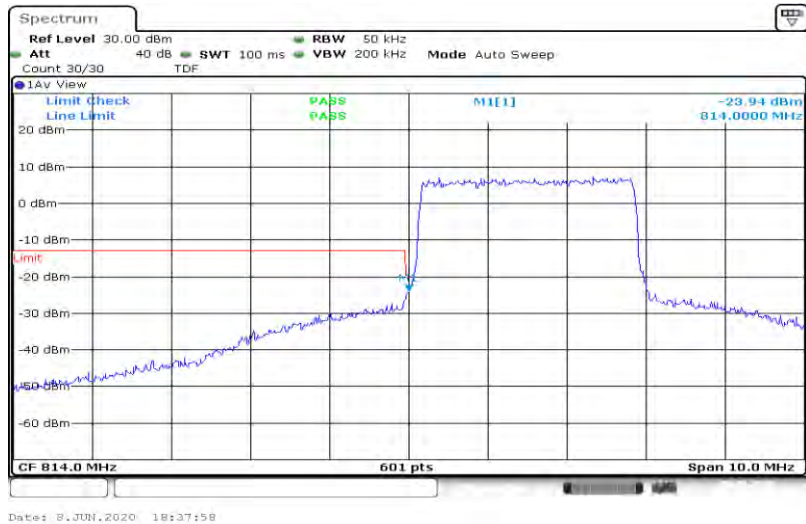
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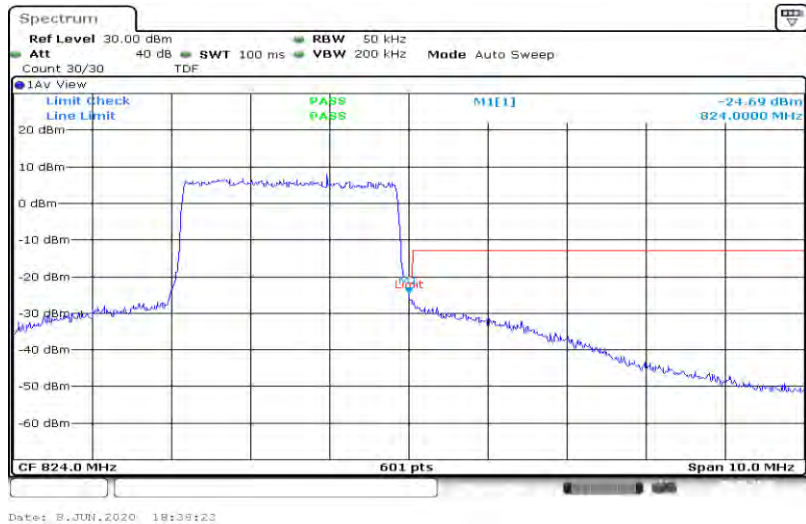
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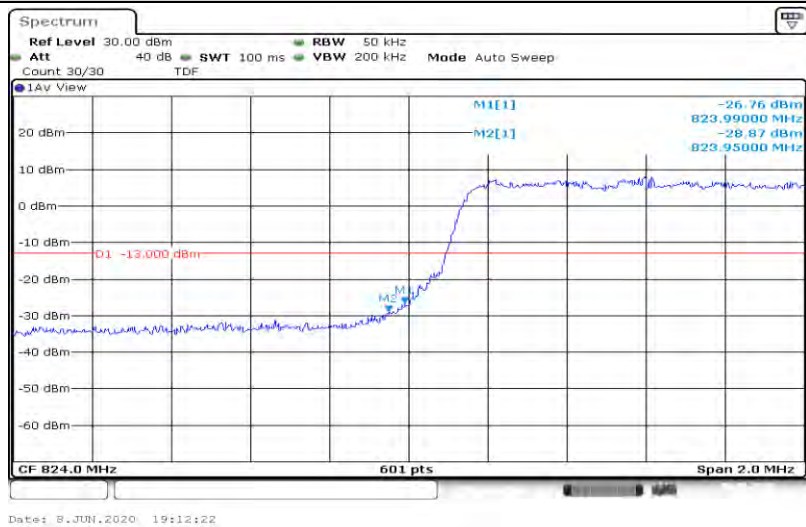
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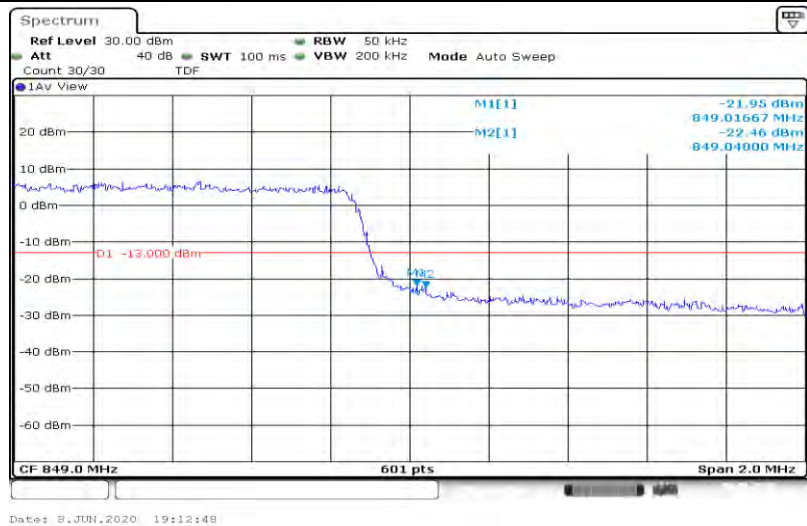
Band26-3MHz-16QAM-26775-15RB#0



Band26-3MHz-16QAM-26805-15RB#0



Band26-3MHz-16QAM-27025-15RB#0



**Band26-5MHz-QPSK-26715-25RB#0**



**Band26-5MHz-QPSK-26765-25RB#0**



**Band26-5MHz-QPSK-26815-25RB#0**