

Appendix B

E-UTRA Band 26 (814MHz-824MHz)

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1 Main Test Instruments

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal.Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12
Spectrum Analyzer (20Hz-43GHz)	Rohde & Schwarz	FSU43	SEM004-08	2018/4/2	2019/4/1
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017/6/27	2020/6/26
Horn Antenna (800MHz-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/4/13	2021/4/12
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017/10/17	2020/10/16
Amplifier (0.1-1300MHz)	HP	8447D	SEM005-02	2018/9/2	2019/9/2
Low Noise Amplifier (100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2018/9/2	2019/9/2
Pre-Amplifier (0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	EMC2063	2018/10/20	2019/10/19
Pre-amplifier (26-40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2018/4/2	2019/4/1
Band filter	N/A	N/A	N/A	N/A	N/A
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2018/7/12	2019/7/11
Wideband Radio Communication Tester	Anritsu	MT8821C	6201462742	2018/5/2	2019/5/1
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	W005-02	2018/3/13	2019/3/12

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal.Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
Dual Output Mobile Communication DC Source	Agilent Technologies Inc	66311B	W009-09	2018/9/15	2019/9/15
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2018/3/13	2019/3/12
Coaxial Cable	SGS	N/A	SEM031-01	2018/7/12	2019/7/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2018/9/2	2019/9/2
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	HTC-1	W006-17	2018/9/10	2019/9/10
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2018/11/27	2019/11/27
Wideband Radio Communication Tester	Anritsu	MT8821C	6201462742	2018/5/2	2019/5/1
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	W005-02	2018/3/13	2019/3/12

2 Measurement Uncertainty

For a 95% confidence level ($k = 2$), the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 as following:

Test Item	Extended Uncertainty	Data
Transmit Output Power Data	Power [dBm]	$U = \pm 0.37 \text{ dB}$
Bandwidth	Magnitude [%]	$U = \pm 0.2\%$
Band Edge Compliance	Disturbance Power [dBm]	$U = \pm 2.0 \text{ dB}$
Spurious Emissions, Conducted	Disturbance Power [dBm]	$U = \pm 2.0 \text{ dB}$
Frequency Stability	Frequency Accuracy [ppm]	$U = \pm 0.24 \text{ ppm}$

3. Conducted Power

3.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	24.21	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	24.17	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	24.14	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	24.23	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	24.34	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	24.32	50.00	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	23.03	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.95	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	24.15	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.92	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	24.15	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	24.19	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	24.34	50.00	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	23.08	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	24.00	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	24.14	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.82	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	24.08	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	24.09	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	24.36	50.00	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	23.12	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.36	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.74	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	23.30	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	23.06	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.92	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.98	50.00	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	22.17	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	23.17	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	23.04	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	23.40	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	23.21	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	23.37	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	23.44	50.00	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	22.03	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.59	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	23.00	50.00	PASS

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Band26	1.4MHz	16QAM	26783	1RB#5	23.03	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	23.02	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	23.49	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.94	50.00	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.90	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#0	24.12	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#8	24.16	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.99	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#0	23.00	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#4	23.09	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#7	23.09	50.00	PASS
Band26	3MHz	QPSK	26705	15RB#0	23.08	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#0	24.17	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#8	24.26	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#14	24.23	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#0	23.04	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#4	23.10	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#7	23.06	50.00	PASS
Band26	3MHz	QPSK	26740	15RB#0	23.16	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#0	24.24	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#8	24.11	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#14	24.08	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#0	23.05	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#4	23.04	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.82	50.00	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.99	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.72	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.79	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.70	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#0	22.14	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#4	22.15	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#7	22.17	50.00	PASS
Band26	3MHz	16QAM	26705	15RB#0	22.22	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.98	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.41	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#14	23.13	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.72	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#4	22.07	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#7	22.25	50.00	PASS
Band26	3MHz	16QAM	26740	15RB#0	22.24	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.54	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.64	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.29	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.78	50.00	PASS

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Band26	3MHz	16QAM	26775	8RB#4	21.99	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#7	22.28	50.00	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.89	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.84	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.96	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.97	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#0	23.22	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#6	23.24	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.95	50.00	PASS
Band26	5MHz	QPSK	26715	25RB#0	23.30	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#0	24.10	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#12	24.21	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#24	24.10	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#0	23.20	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#6	23.31	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#13	23.17	50.00	PASS
Band26	5MHz	QPSK	26740	25RB#0	23.17	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#0	24.11	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#12	24.28	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#24	24.16	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#0	23.25	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#6	23.10	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#13	23.00	50.00	PASS
Band26	5MHz	QPSK	26765	25RB#0	23.13	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#0	23.24	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#12	23.23	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.49	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#0	22.14	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#6	22.15	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.97	50.00	PASS
Band26	5MHz	16QAM	26715	25RB#0	22.18	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.82	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.46	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.45	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#0	22.03	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#6	22.20	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.99	50.00	PASS
Band26	5MHz	16QAM	26740	25RB#0	22.37	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#0	22.68	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.69	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.64	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#0	22.25	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#6	22.04	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#13	22.08	50.00	PASS

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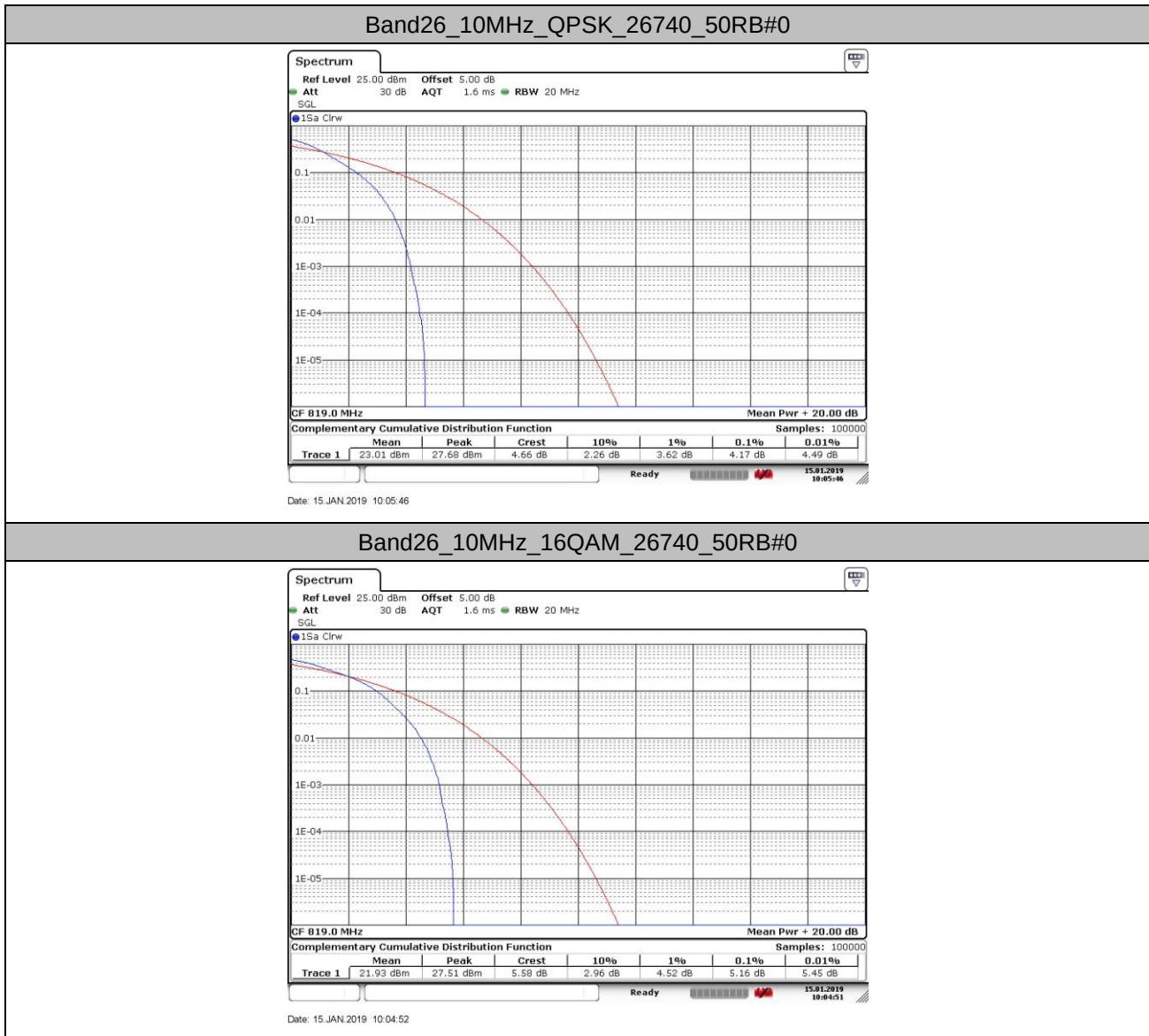
Band26	5MHz	16QAM	26765	25RB#0	22.15	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#0	24.07	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.97	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.93	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#0	23.27	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#12	23.07	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#25	23.13	50.00	PASS
Band26	10MHz	QPSK	26740	50RB#0	23.14	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#0	23.20	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#24	23.38	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#49	23.06	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#0	22.06	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#12	22.03	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#25	22.18	50.00	PASS
Band26	10MHz	16QAM	26740	50RB#0	22.17	50.00	PASS

4. Peak-to-Average Ratio(CCDF)

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	4.17	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.16	13	PASS

4.2. Test Plots

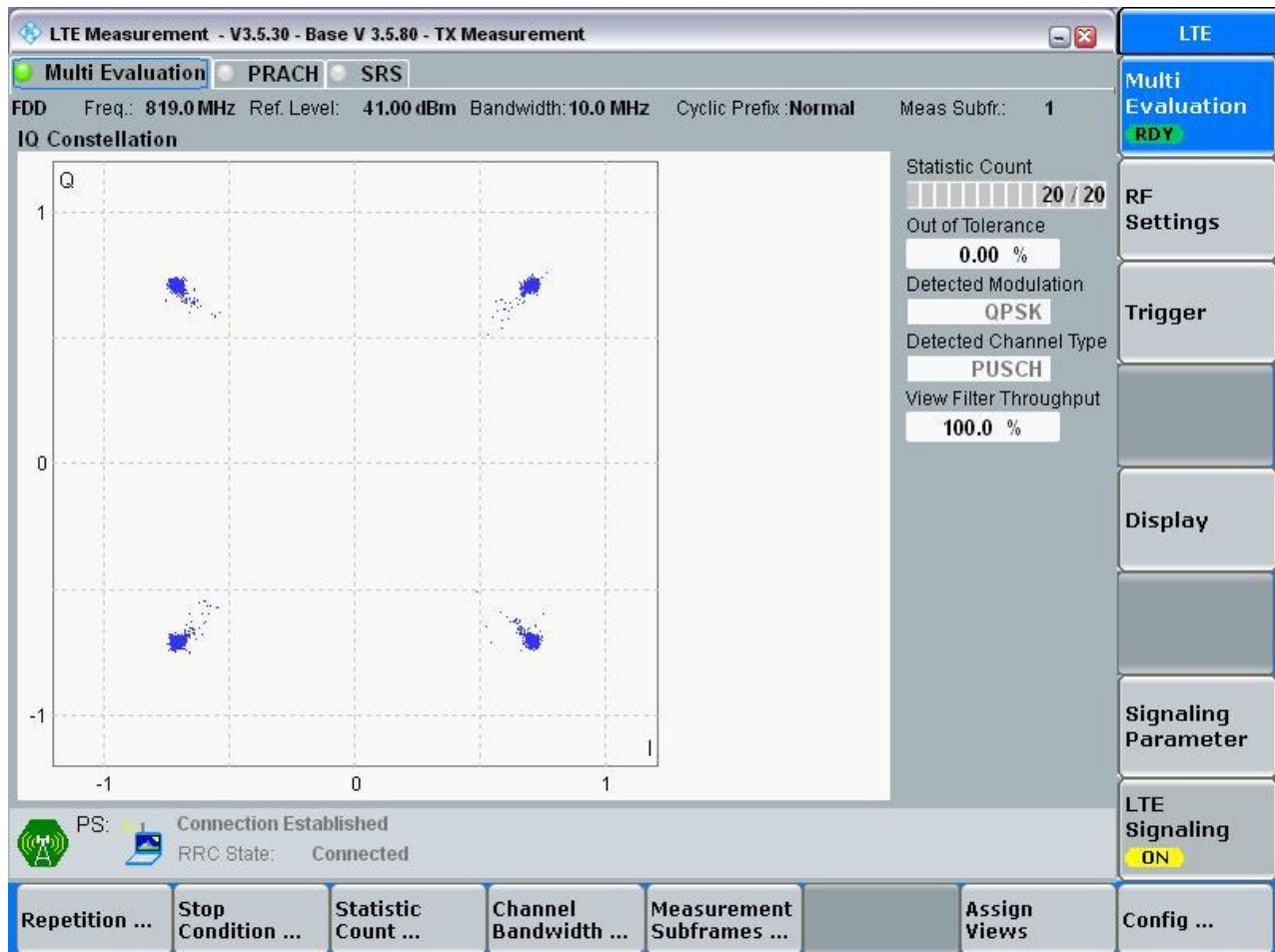


5. Modulation Characteristics

5.1. Test BAND = LTE Band 26

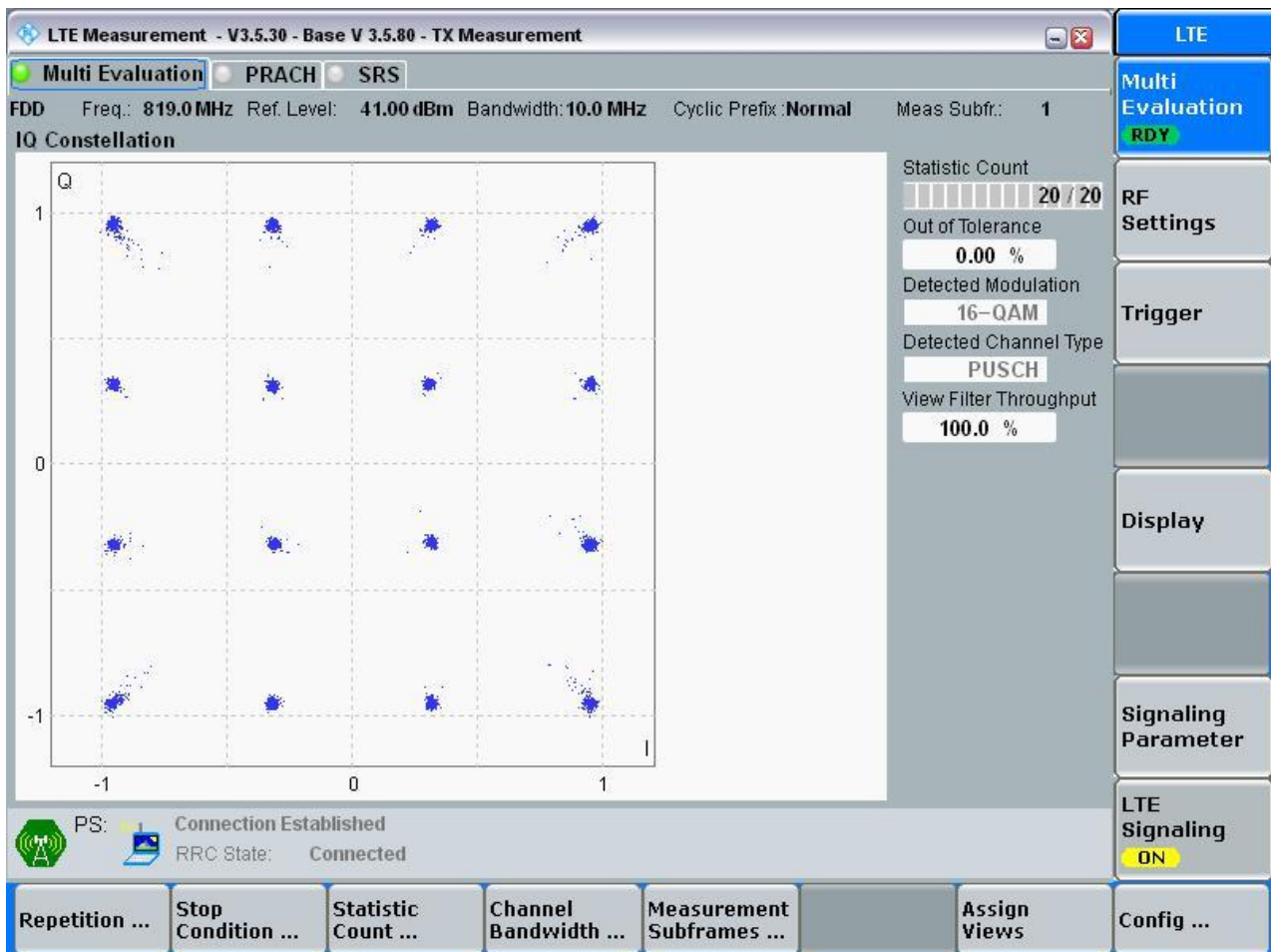
5.1.1. Test Mode = LTE /TM1 10MHz

5.1.1.1. Test Channel = MCH



5.1.2. Test Mode = LTE /TM2 10MHz

5.1.2.1. Test Channel = MCH



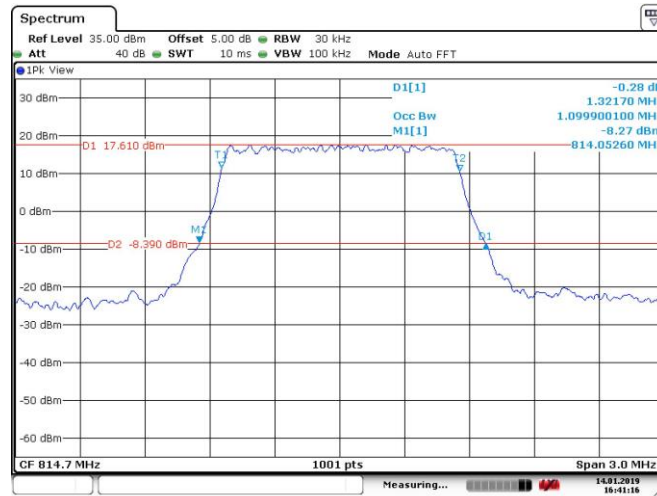
6. 26dB Bandwidth and Occupied Bandwidth

6.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.100	1.322	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.106	1.316	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.100	1.313	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.097	1.289	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.100	1.331	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.103	1.304	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.691	2.933	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.691	2.951	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.685	2.928	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.685	2.933	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.685	2.933	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.685	2.940	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.486	4.925	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.466	4.883	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.486	4.921	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.486	4.945	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.476	4.943	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.466	4.871	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.911	9.638	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.911	9.658	PASS

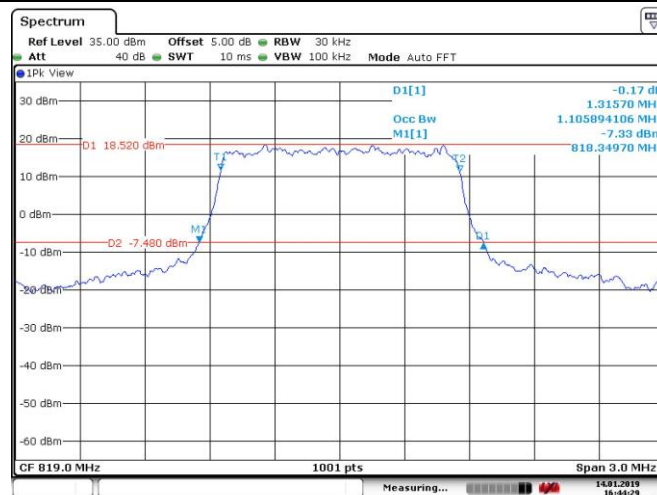
6.2. Test Plots

Band26_1.4MHz_QPSK_26697_6RB#0



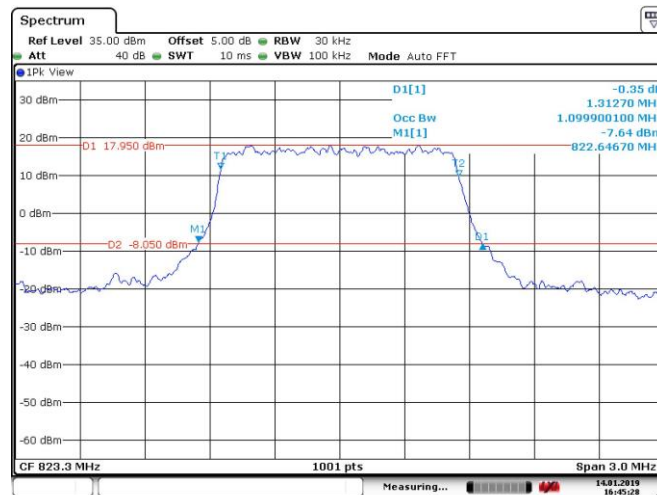
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Band26_1.4MHz_QPSK_26740_6RB#0



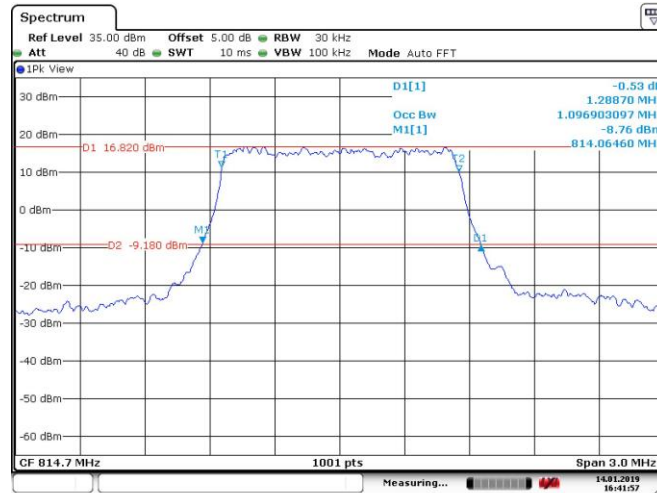
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Band26_1.4MHz_QPSK_26783_6RB#0



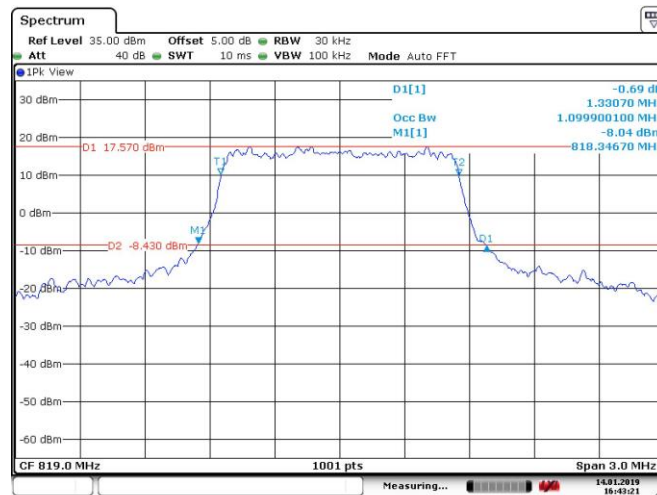
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Band26_1.4MHz_16QAM_26697_6RB#0



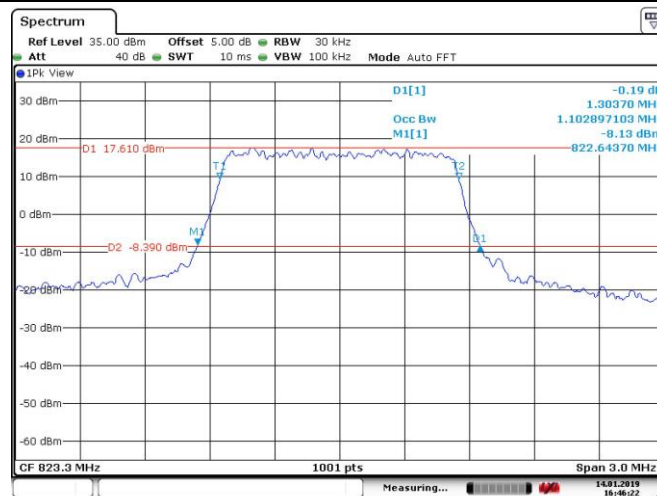
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Band26_1.4MHz_16QAM_26740_6RB#0



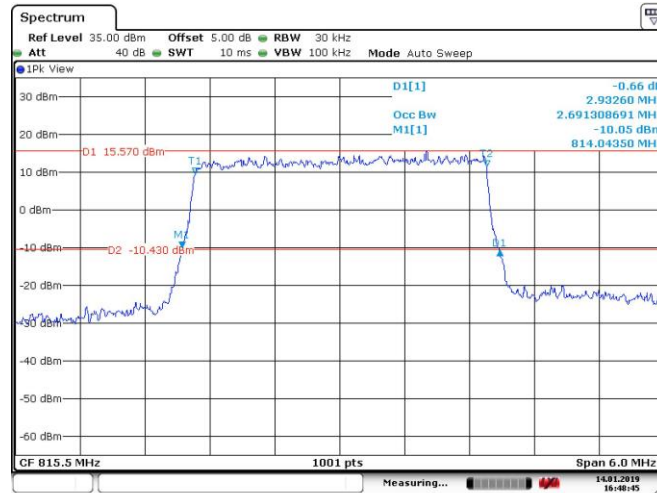
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Band26_1.4MHz_16QAM_26783_6RB#0



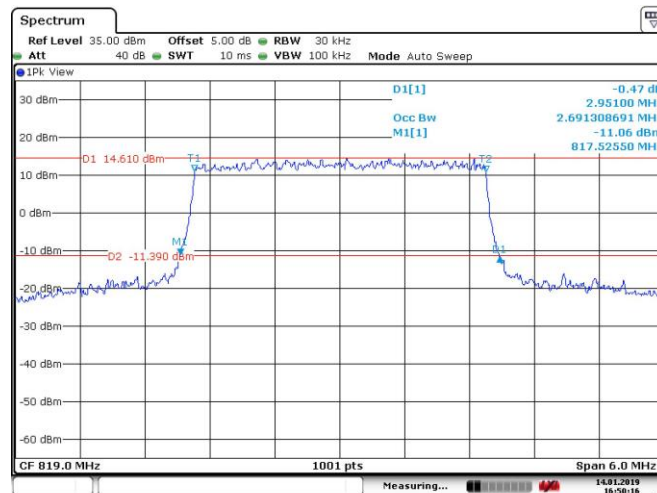
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Band26_3MHz_QPSK_26705_15RB#0



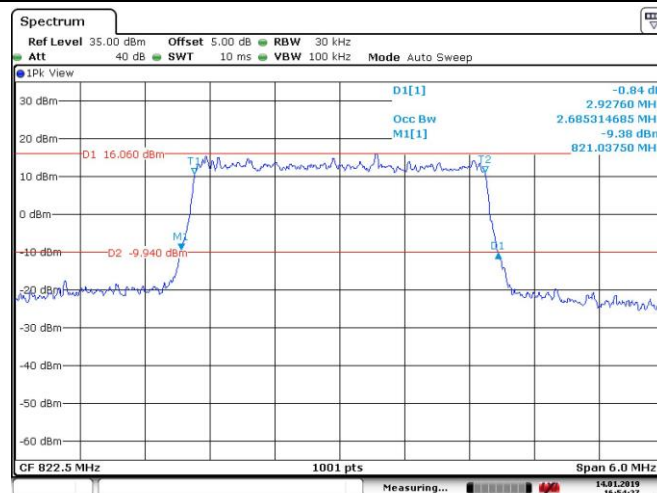
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Band26_3MHz_QPSK_26740_15RB#0



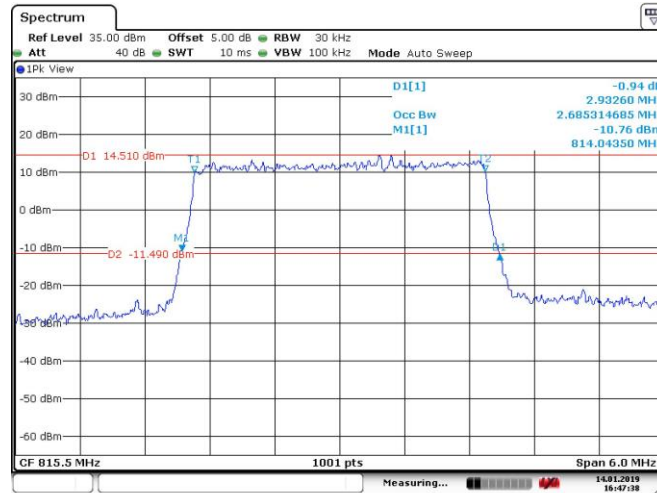
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Band26_3MHz_QPSK_26775_15RB#0



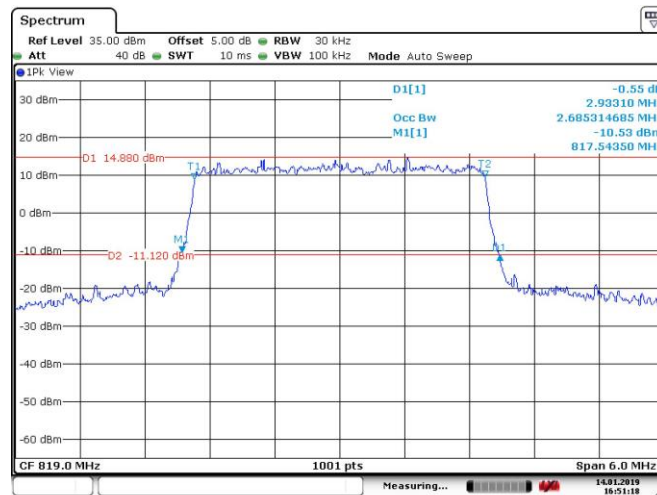
Date: 14 JAN 2019 16:54:28

Band26_3MHz_16QAM_26705_15RB#0



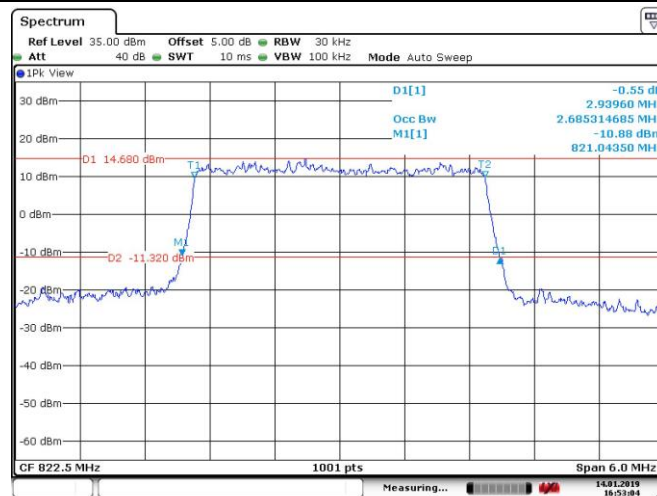
Date: 14 JAN 2019 16:47:38

Band26_3MHz_16QAM_26740_15RB#0



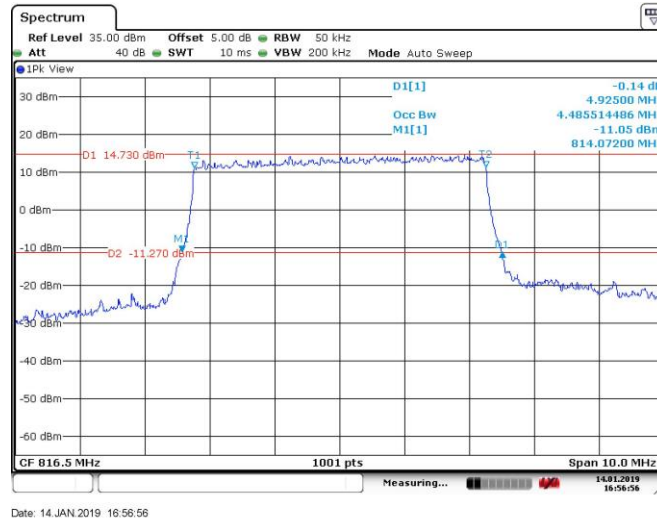
Date: 14 JAN 2019 16:51:18

Band26_3MHz_16QAM_26775_15RB#0



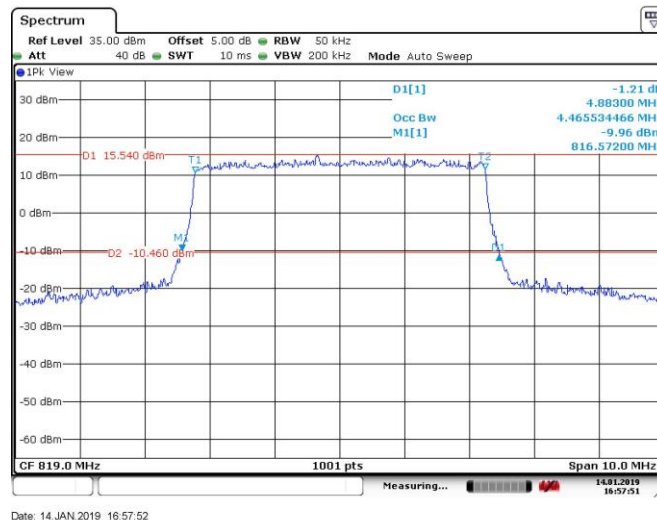
Date: 14 JAN 2019 16:53:04

Band26_5MHz_QPSK_26715_25RB#0



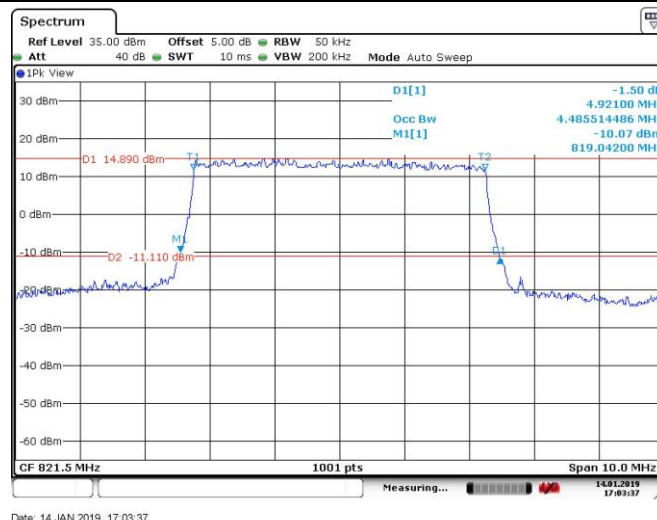
Date: 14 JAN 2019 16:56:56

Band26_5MHz_QPSK_26740_25RB#0



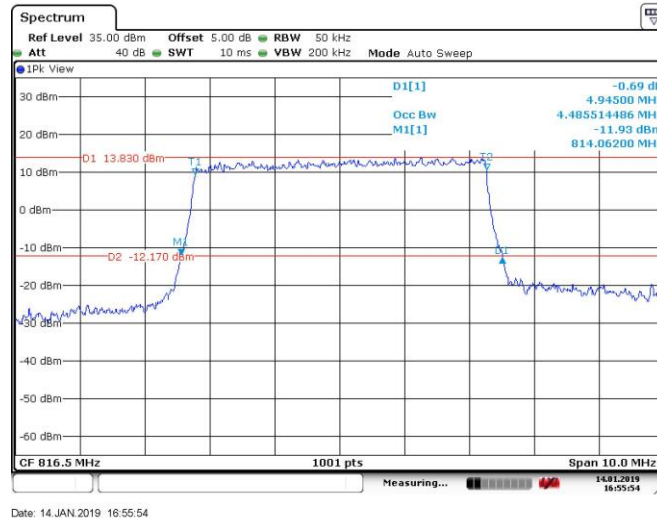
Date: 14 JAN 2019 16:57:52

Band26_5MHz_QPSK_26765_25RB#0

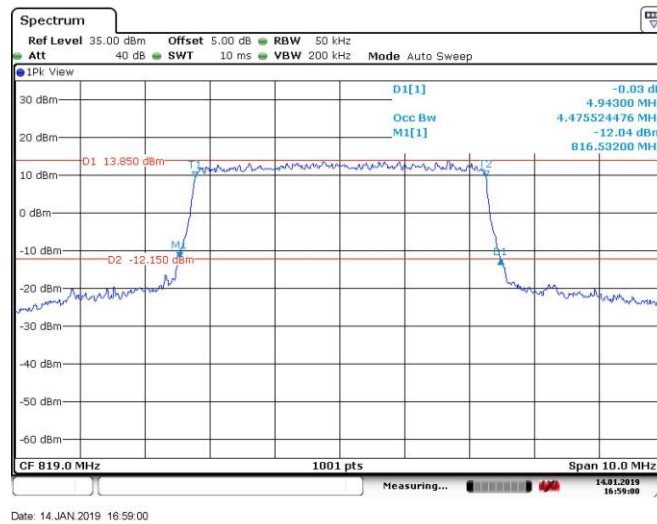


Date: 14 JAN 2019 17:03:37

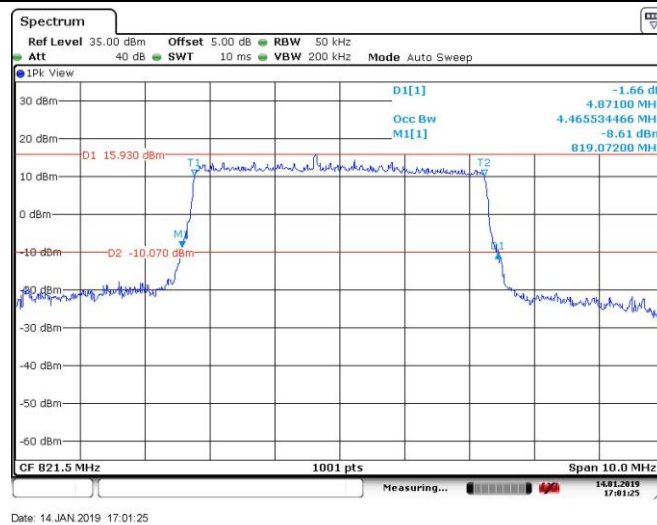
Band26_5MHz_16QAM_26715_25RB#0



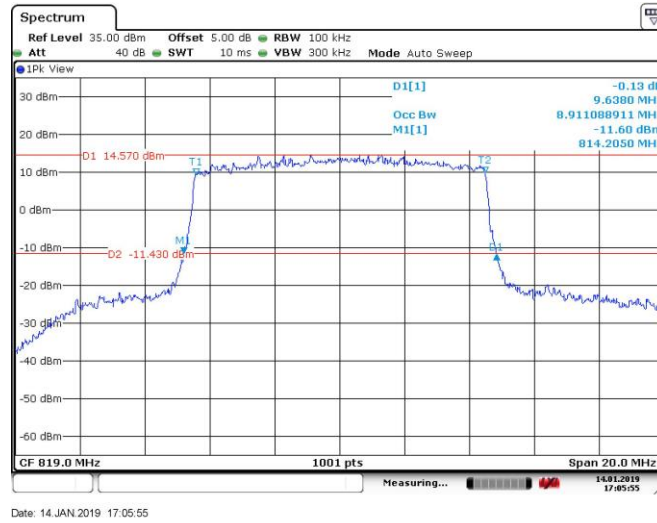
Band26_5MHz_16QAM_26740_25RB#0



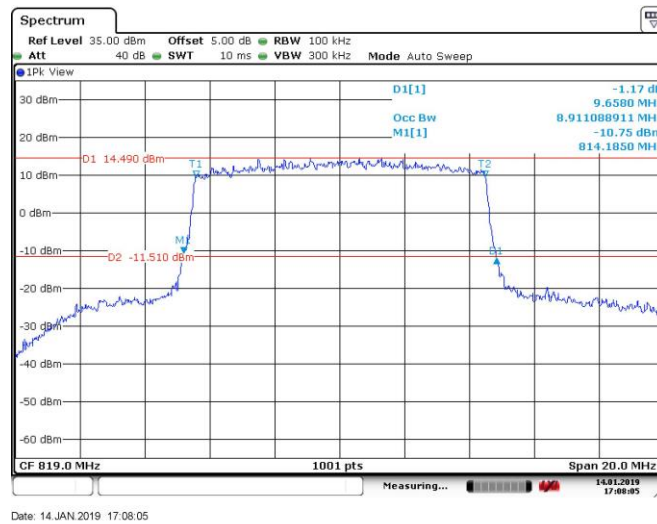
Band26_5MHz_16QAM_26765_25RB#0



Band26_10MHz_QPSK_26740_50RB#0



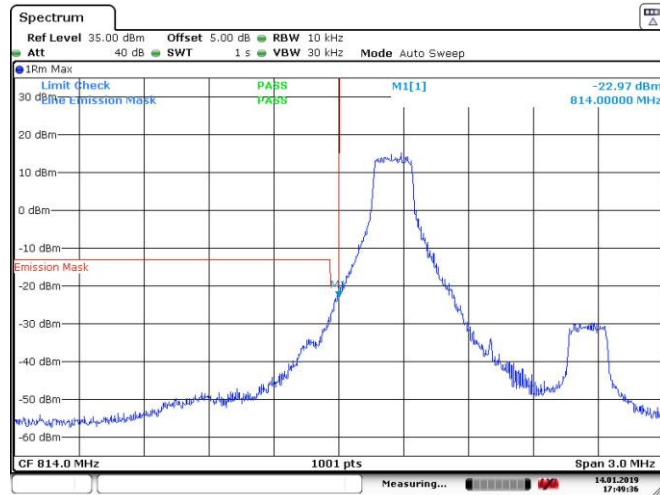
Band26_10MHz_16QAM_26740_50RB#0



7. Band Edge Compliance

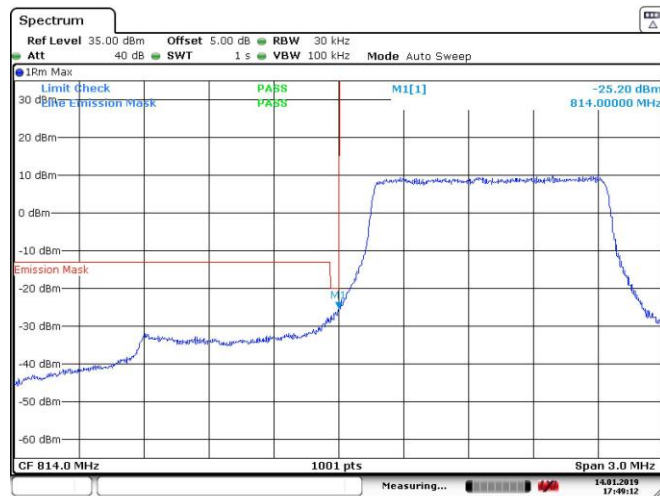
7.1. Test Plots

Band26_1.4MHz_QPSK_26697_1RB#0



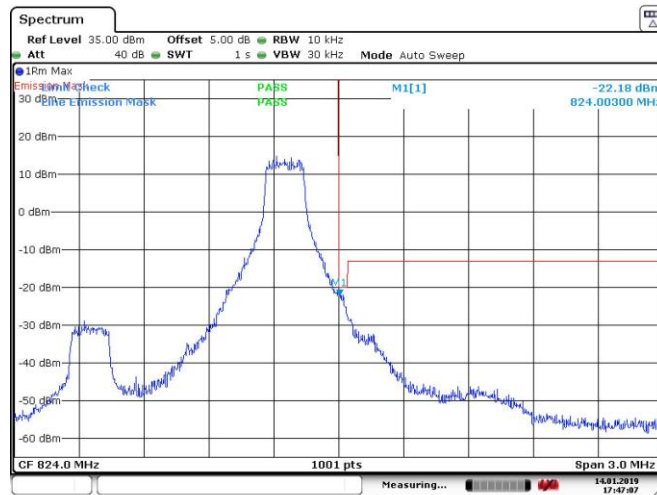
Date: 14 JAN 2019 17:49:36

Band26_1.4MHz_QPSK_26697_6RB#0



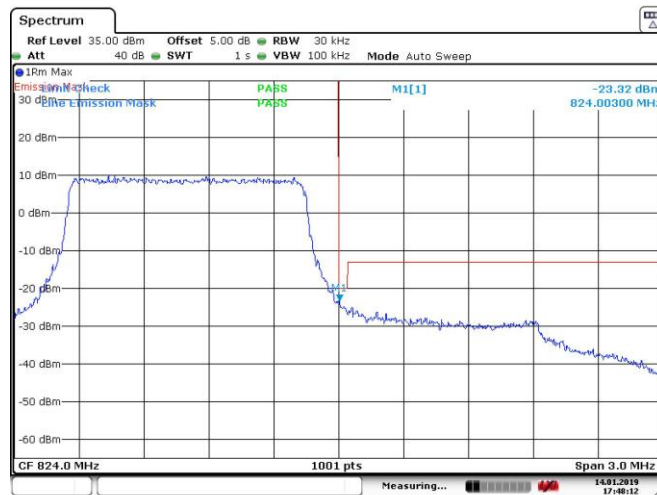
Date: 14 JAN 2019 17:49:13

Band26_1.4MHz_QPSK_26783_1RB#5



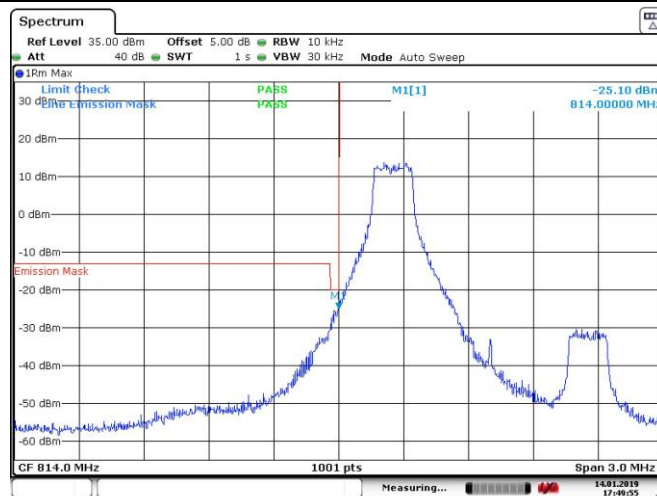
Date: 14 JAN 2019 17:47:07

Band26_1.4MHz_QPSK_26783_6RB#0



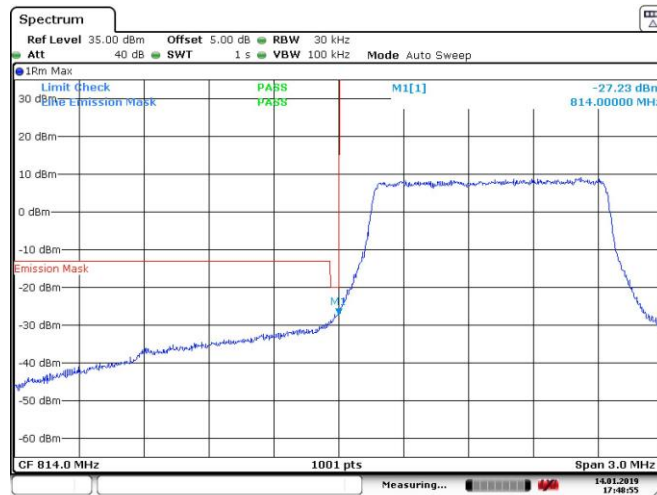
Date: 14 JAN 2019 17:48:12

Band26_1.4MHz_16QAM_26697_1RB#0



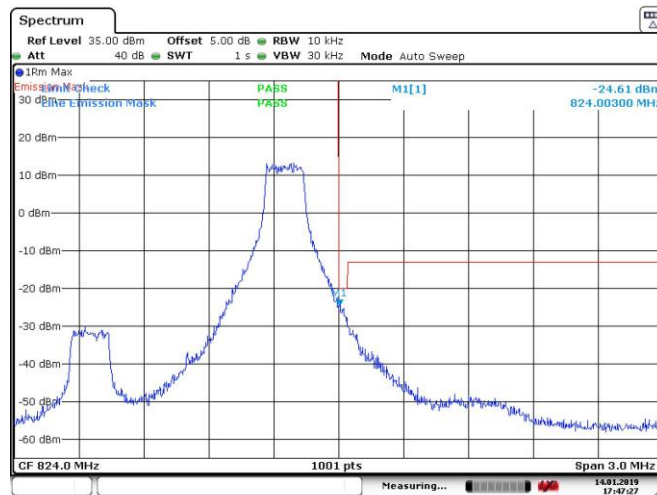
Date: 14 JAN 2019 17:49:56

Band26_1.4MHz_16QAM_26697_6RB#0



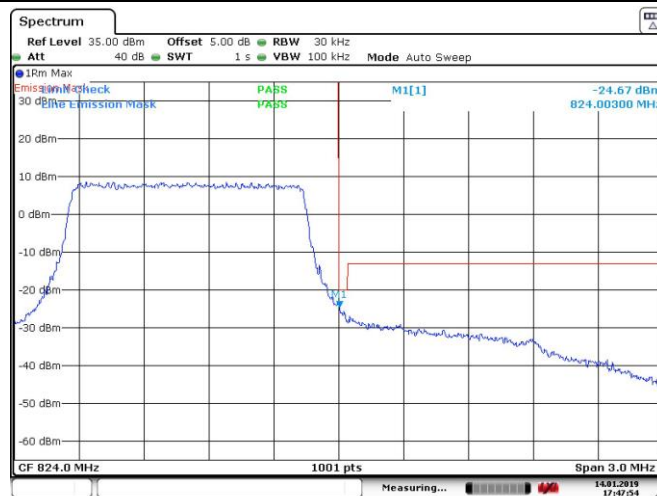
Date: 14 JAN 2019 17:48:55

Band26_1.4MHz_16QAM_26783_1RB#5



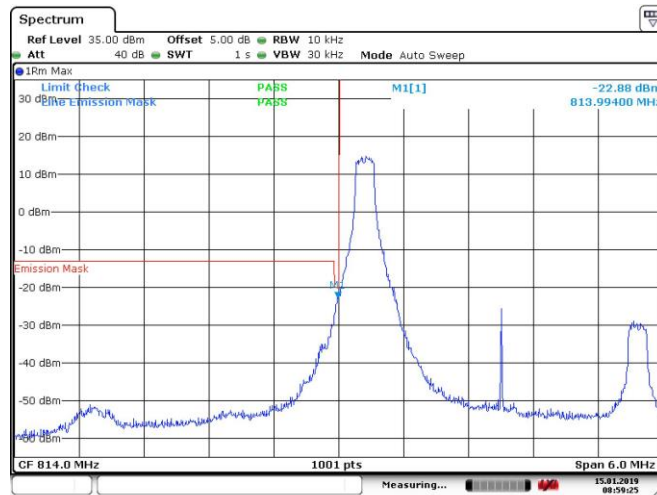
Date: 14 JAN 2019 17:47:28

Band26_1.4MHz_16QAM_26783_6RB#0



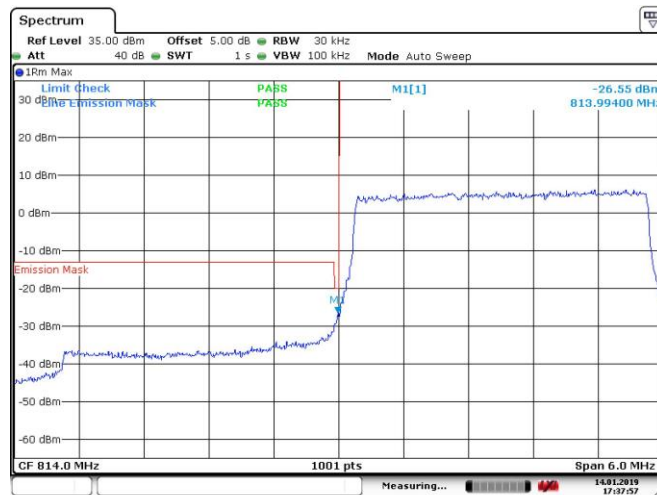
Date: 14 JAN 2019 17:47:55

Band26_3MHz_QPSK_26705_1RB#0



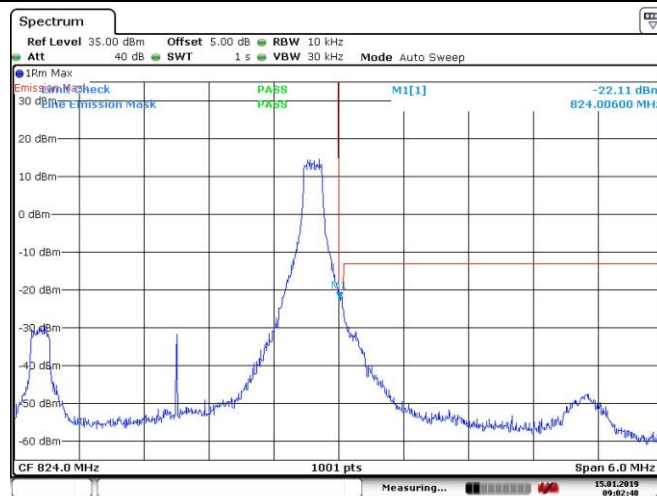
Date: 15 JAN 2019 08:59:26

Band26_3MHz_QPSK_26705_15RB#0



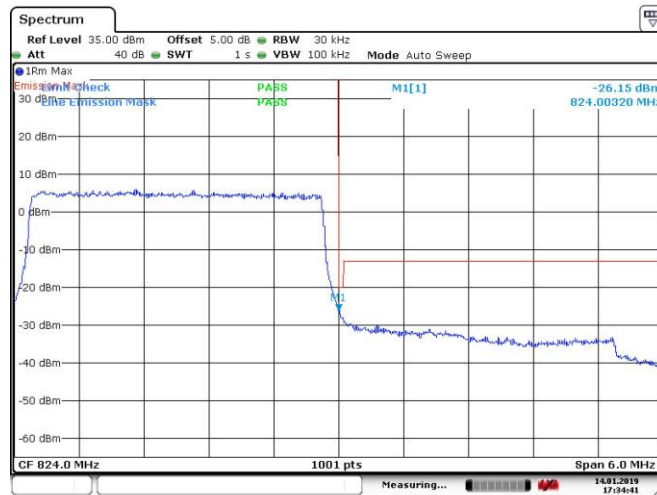
Date: 14 JAN 2019 17:37:57

Band26_3MHz_QPSK_26775_1RB#14



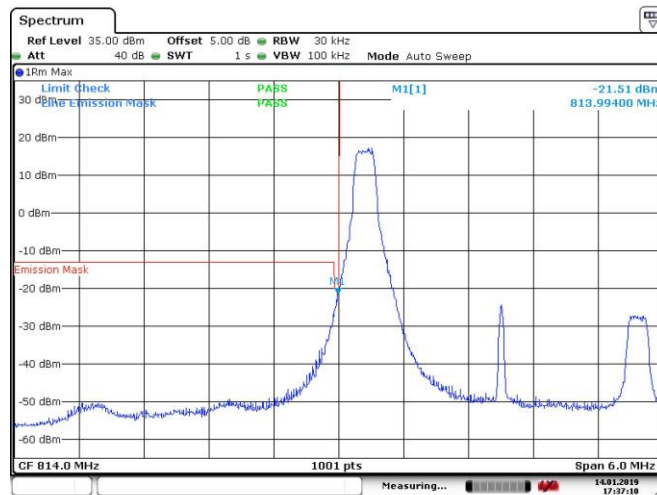
Date: 15 JAN 2019 09:02:48

Band26_3MHz_QPSK_26775_15RB#0



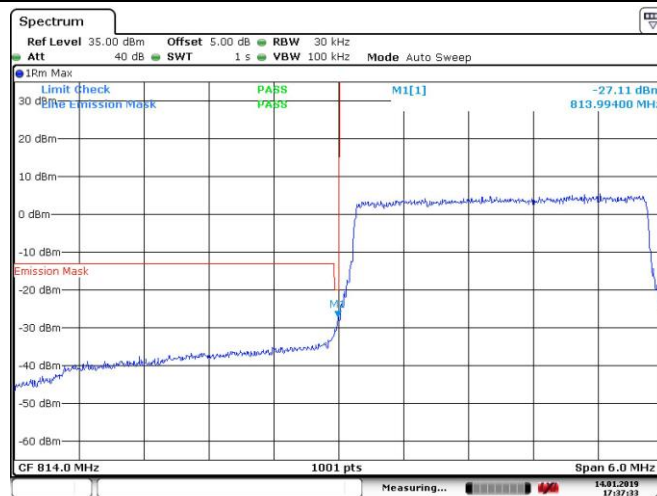
Date: 14 JAN 2019 17:34:41

Band26_3MHz_16QAM_26705_1RB#0



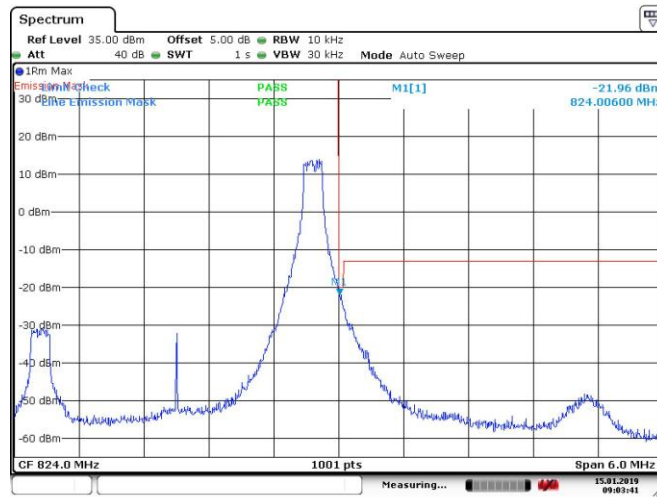
Date: 14 JAN 2019 17:37:11

Band26_3MHz_16QAM_26705_15RB#0



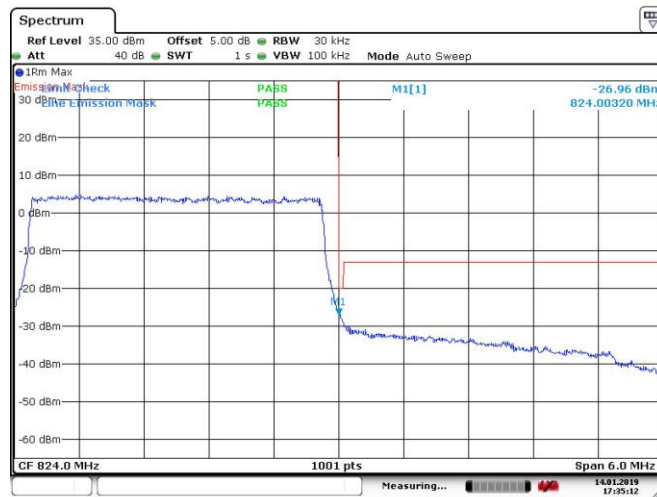
Date: 14 JAN 2019 17:37:33

Band26_3MHz_16QAM_26775_1RB#14



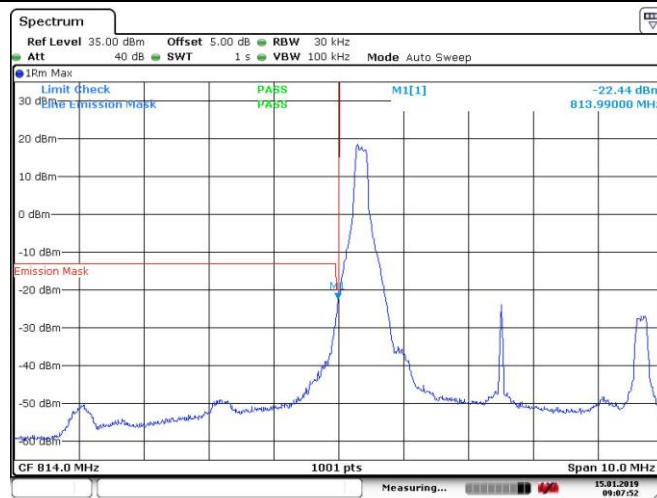
Date: 15 JAN 2019 09:03:41

Band26_3MHz_16QAM_26775_15RB#0



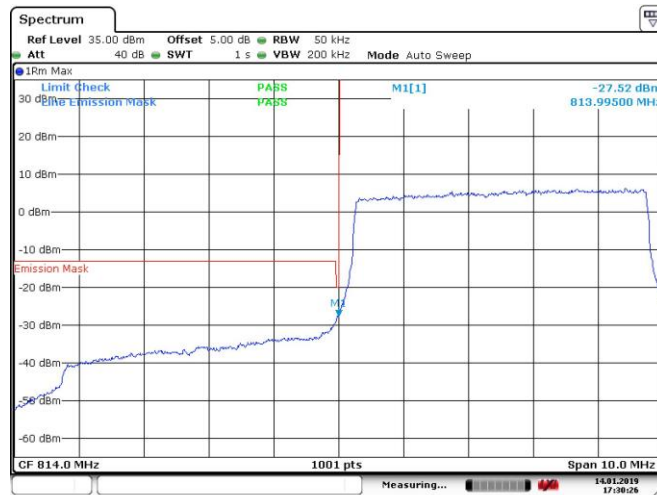
Date: 14 JAN 2019 17:35:12

Band26_5MHz_QPSK_26715_1RB#0



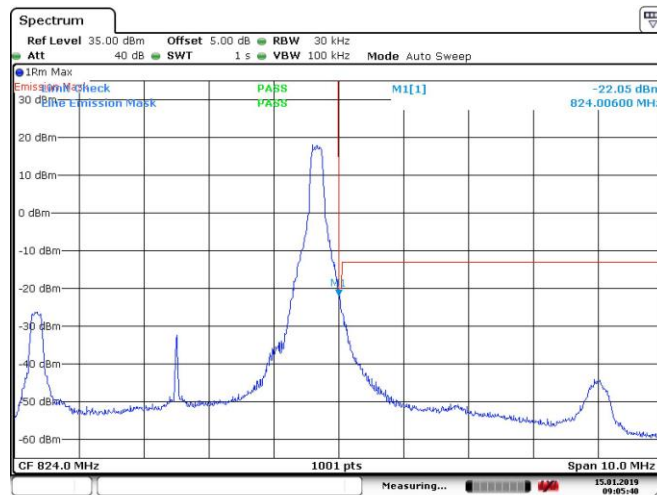
Date: 15 JAN 2019 09:07:52

Band26_5MHz_QPSK_26715_25RB#0



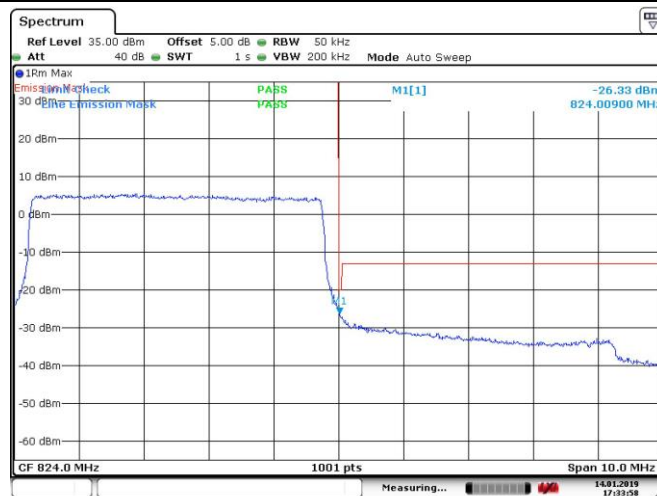
Date: 14 JAN 2019 17:30:26

Band26_5MHz_QPSK_26765_1RB#24



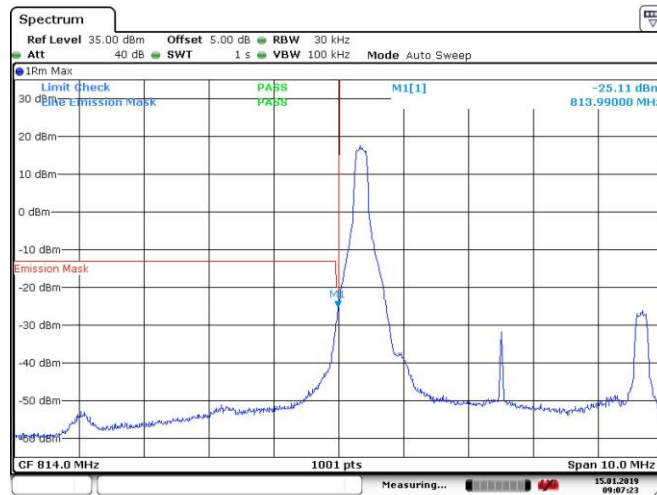
Date: 15 JAN 2019 09:05:40

Band26_5MHz_QPSK_26765_25RB#0



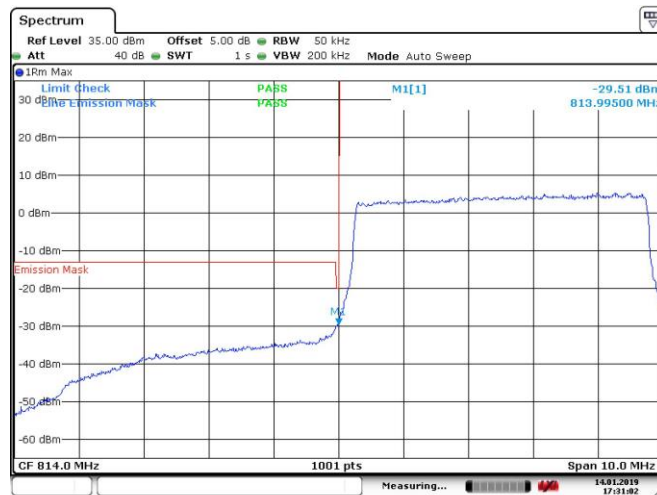
Date: 14 JAN 2019 17:33:58

Band26_5MHz_16QAM_26715_1RB#0



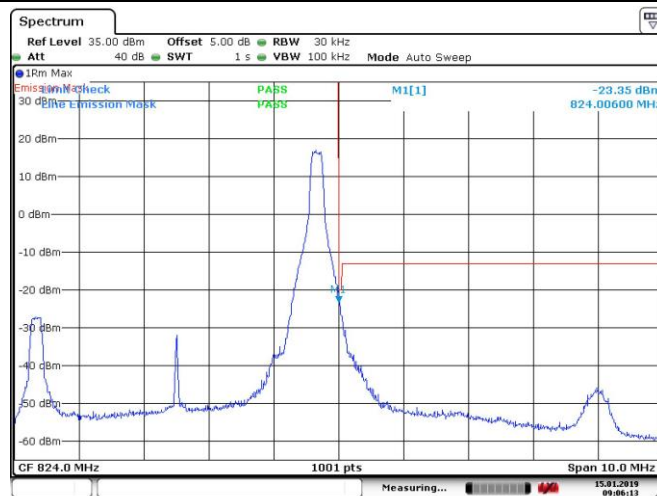
Date: 15.JAN.2019 09:07:23

Band26_5MHz_16QAM_26715_25RB#0



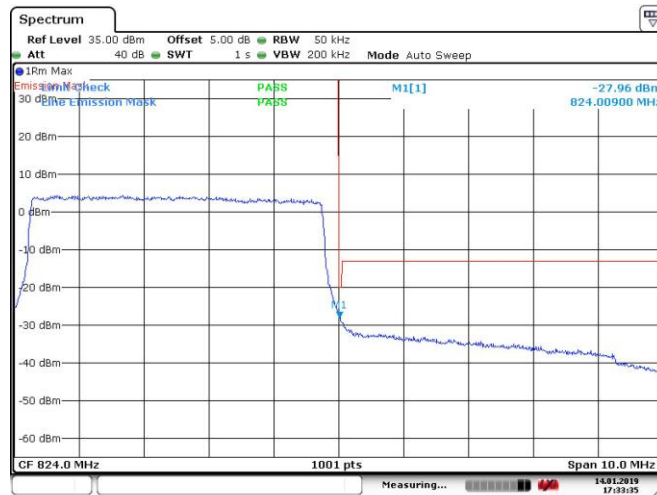
Date: 14.JAN.2019 17:31:02

Band26_5MHz_16QAM_26765_1RB#24



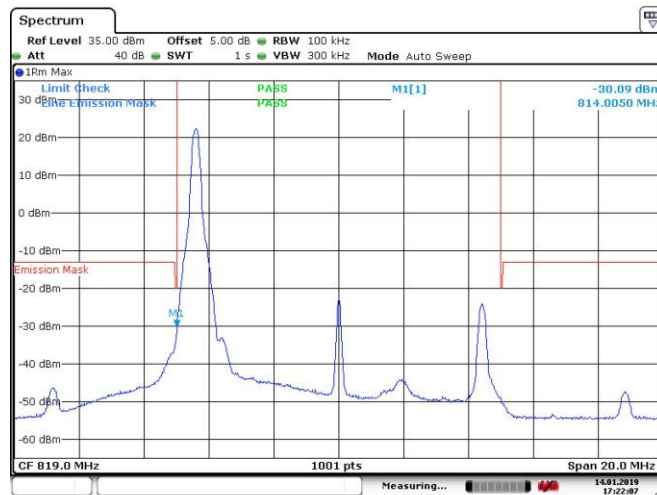
Date: 15.JAN.2019 09:06:13

Band26_5MHz_16QAM_26765_25RB#0



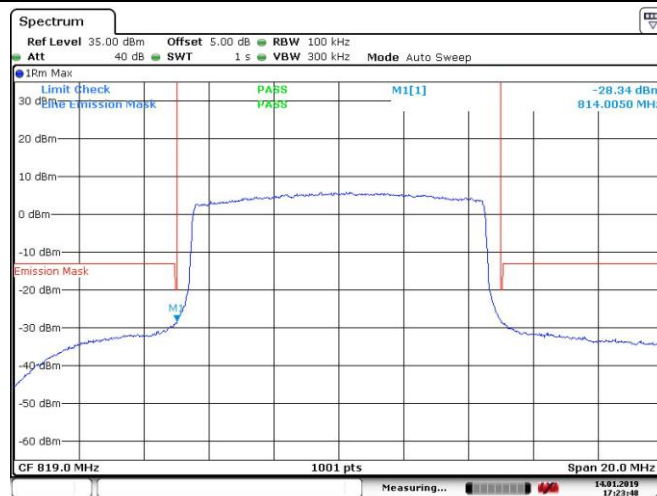
Date: 14 JAN 2019 17:33:36

Band26_10MHz_QPSK_26740_1RB#0



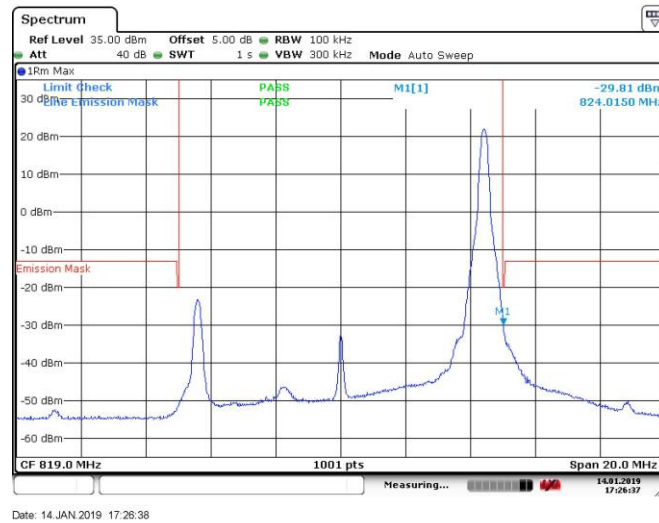
Date: 14 JAN 2019 17:22:08

Band26_10MHz_QPSK_26740_50RB#0

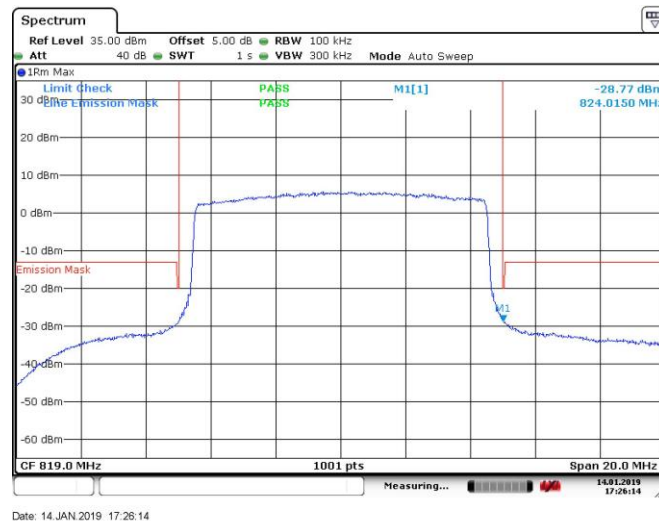


Date: 14 JAN 2019 17:23:48

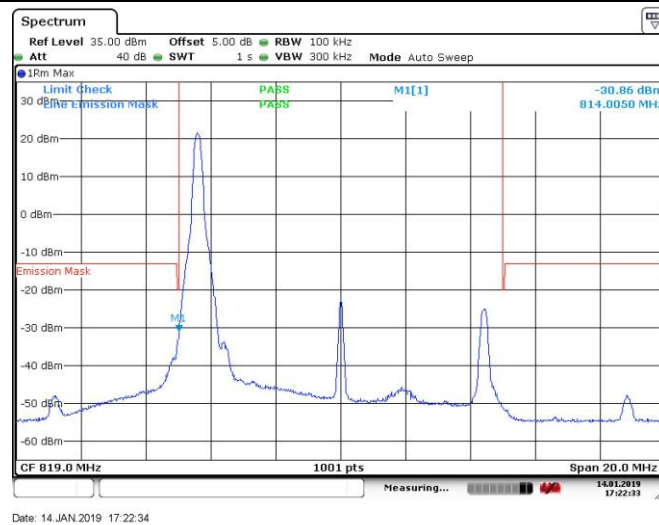
Band26_10MHz_QPSK_26740_1RB#49



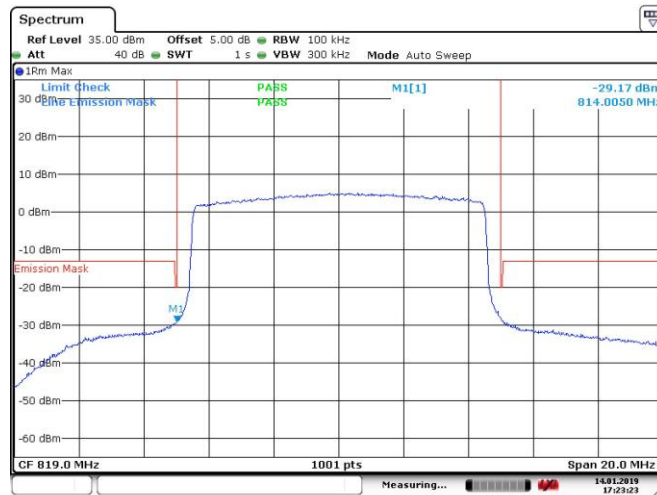
Band26_10MHz_QPSK_26740_50RB#0



Band26_10MHz_16QAM_26740_1RB#0

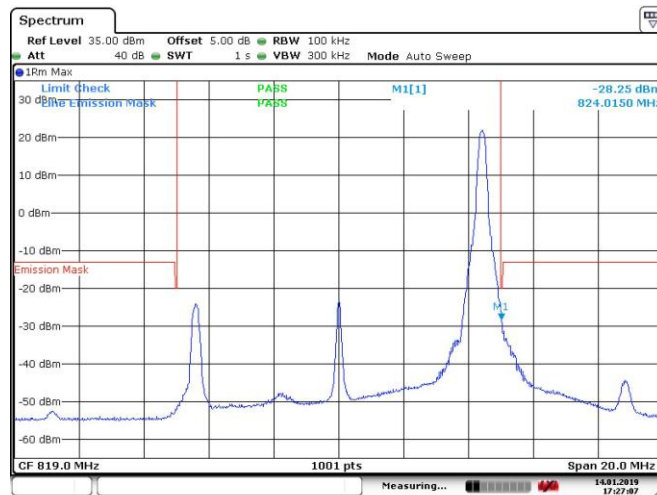


Band26_10MHz_16QAM_26740_50RB#0



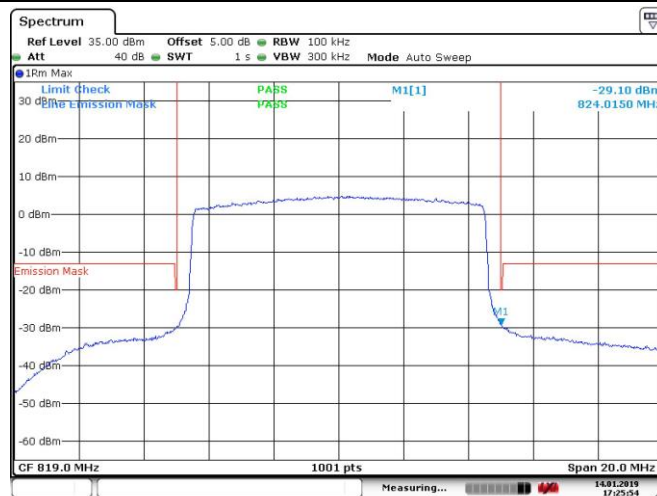
Date: 14 JAN 2019 17:23:24

Band26_10MHz_16QAM_26740_1RB#49



Date: 14 JAN 2019 17:27:07

Band26_10MHz_16QAM_26740_50RB#0



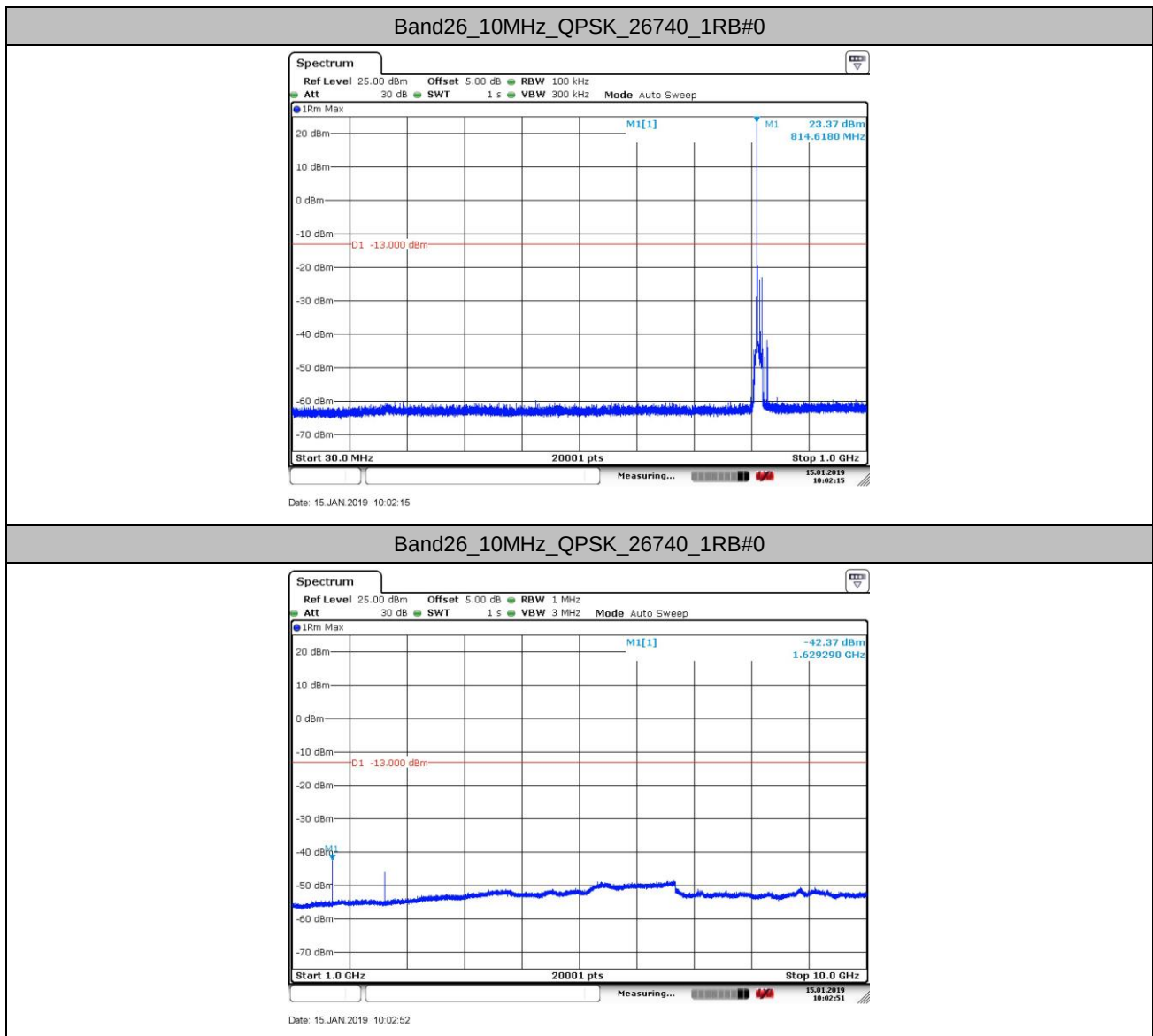
Date: 14 JAN 2019 17:25:54

8. Spurious Emission at Antenna Terminal

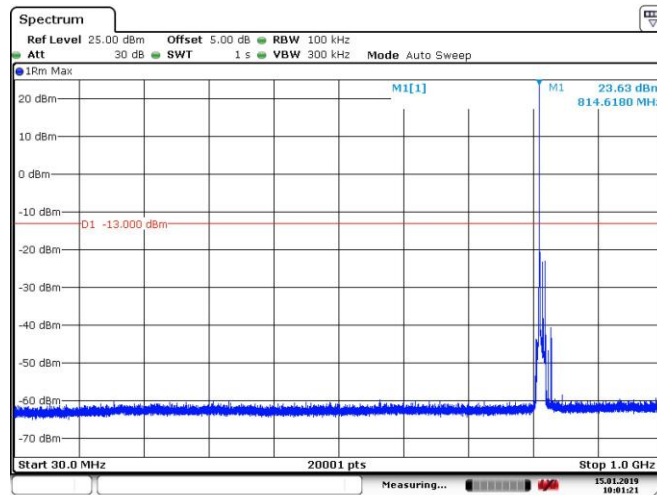
NOTE1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

NOTE2: only the worst case data displayed in this report.

8.1. Test Plots

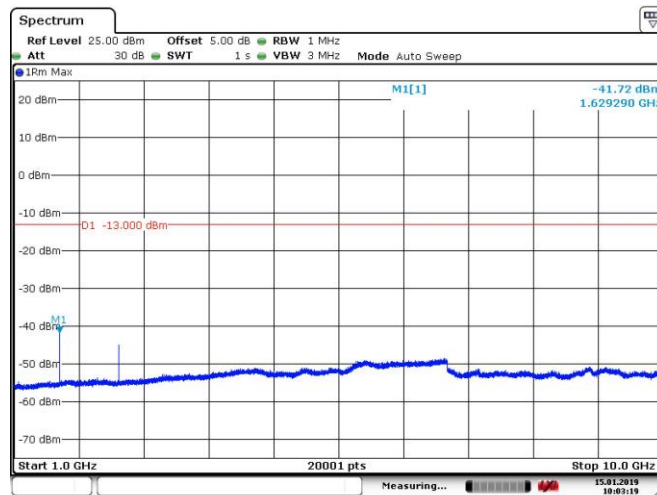


Band26_10MHz_16QAM_26740_1RB#0



Date: 15 JAN 2019 10:01:22

Band26_10MHz_16QAM_26740_1RB#0



Date: 15 JAN 2019 10:03:19

9. Frequency Stability

9.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	-12.09	-0.014765	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	-11.09	-0.013540	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	6.79	0.008288	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	11.39	0.013910	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	-0.33	-0.000402	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	-6.21	-0.007579	±2.5	PASS

9.1. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	10.80	0.013187	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-7.21	-0.008800	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	-11.91	-0.014538	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	8.40	0.010261	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-11.26	-0.013750	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	11.55	0.014106	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	-8.56	-0.010448	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	-8.99	-0.010980	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-30	-8.30	-0.010128	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	2.82	0.003449	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	1.40	0.001707	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	-10.03	-0.012252	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	-7.39	-0.009021	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	-12.57	-0.015349	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	40	-10.11	-0.012343	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	-7.96	-0.009720	±2.5	PASS

The End