

Appendix B

E-UTRA Band 26 (824MHz-849MHz)

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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. Effective (Isotropic) Radiated Power

3.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	23.81	21.16	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.96	21.31	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	23.93	21.28	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	24.03	21.38	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	24.04	21.39	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	24.09	21.44	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	23.04	20.39	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.71	21.06	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.87	21.22	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.66	21.01	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	23.86	21.21	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	24.04	21.39	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	24.09	21.44	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.84	20.19	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	23.72	21.07	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.97	21.32	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.98	21.33	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#0	24.02	21.37	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	24.05	21.40	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	24.34	21.69	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.91	20.26	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	22.93	20.28	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.87	20.22	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.23	19.58	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	22.73	20.08	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	22.58	19.93	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#3	22.81	20.16	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	21.72	19.07	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.23	19.58	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.73	20.08	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.51	19.86	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	22.72	20.07	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#1	22.79	20.14	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	22.49	19.84	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.64	18.99	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	23.13	20.48	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	22.64	19.99	38.45	PASS

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Band26	1.4MHz	16QAM	27033	1RB#5	22.65	20.00	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	22.81	20.16	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#1	22.72	20.07	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	22.80	20.15	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.69	19.04	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	24.11	21.46	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	23.90	21.25	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	24.01	21.36	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#0	23.11	20.46	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#4	22.85	20.20	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#7	22.93	20.28	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.93	20.28	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	24.29	21.64	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	24.18	21.53	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	23.91	21.26	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#0	22.88	20.23	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#4	22.96	20.31	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#7	22.87	20.22	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.95	20.30	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	24.01	21.36	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	24.00	21.35	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	24.06	21.41	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#0	23.02	20.37	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#4	22.94	20.29	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#7	22.83	20.18	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.90	20.25	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	22.89	20.24	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	22.60	19.95	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	22.12	19.47	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#0	21.71	19.06	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#4	21.94	19.29	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#7	22.05	19.40	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.74	19.09	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	22.55	19.90	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	22.65	20.00	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	23.42	20.77	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#0	21.88	19.23	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#4	22.01	19.36	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#7	22.02	19.37	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.95	19.30	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	22.46	19.81	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	22.81	20.16	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	22.68	20.03	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#0	21.73	19.08	38.45	PASS

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Band26	3MHz	16QAM	27025	8RB#4	21.86	19.21	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#7	21.84	19.19	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.94	19.29	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	23.87	21.22	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	23.92	21.27	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	23.64	20.99	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#0	22.86	20.21	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#13	22.95	20.30	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#6	22.85	20.20	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	22.82	20.17	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	23.68	21.03	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	23.87	21.22	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	23.83	21.18	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#0	22.89	20.24	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#13	22.98	20.33	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#6	22.88	20.23	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.85	20.20	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.56	20.91	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	24.00	21.35	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	23.67	21.02	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#0	22.73	20.08	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#13	22.96	20.31	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#6	22.93	20.28	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.81	20.16	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	22.94	20.29	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	23.21	20.56	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	22.53	19.88	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#0	21.80	19.15	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#13	21.99	19.34	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#6	21.96	19.31	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.85	19.20	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.20	19.55	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.42	19.77	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	22.10	19.45	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#0	21.87	19.22	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#13	22.13	19.48	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#6	21.74	19.09	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.86	19.21	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.19	19.54	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	23.46	20.81	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	22.81	20.16	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#0	21.91	19.26	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#13	22.10	19.45	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#6	22.03	19.38	38.45	PASS

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Band26	5MHz	16QAM	27015	25RB#0	21.85	19.20	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	24.04	21.39	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.91	21.26	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	23.89	21.24	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#0	22.85	20.20	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#12	22.90	20.25	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#25	22.86	20.21	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	22.95	20.30	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	23.64	20.99	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	24.05	21.40	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	23.83	21.18	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#0	22.86	20.21	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#12	22.87	20.22	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#25	22.97	20.32	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	23.13	20.48	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	23.88	21.23	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.89	21.24	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	23.86	21.21	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#0	22.91	20.26	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#12	22.99	20.34	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#25	22.73	20.08	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	22.84	20.19	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	22.68	20.03	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	22.91	20.26	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	22.45	19.80	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#0	21.77	19.12	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#12	22.01	19.36	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#25	21.88	19.23	38.45	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.92	19.27	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	22.37	19.72	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.57	19.92	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	22.30	19.65	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#0	22.07	19.42	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#12	22.05	19.40	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#25	22.16	19.51	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	22.11	19.46	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	22.77	20.12	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.77	20.12	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	22.39	19.74	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#0	21.96	19.31	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#12	22.03	19.38	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#25	21.89	19.24	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.93	19.28	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	24.25	21.6	38.45	PASS

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Band26	15MHz	QPSK	26865	1RB#38	24.10	21.45	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	24.22	21.57	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#0	23.30	20.65	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#18	23.36	20.71	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#39	23.35	20.7	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	23.22	20.57	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	24.08	21.43	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	24.28	21.63	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	24.21	21.56	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#0	23.34	20.69	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#18	23.17	20.52	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#39	23.20	20.55	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	23.23	20.58	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	24.18	21.53	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	24.14	21.49	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	24.12	21.47	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#0	23.24	20.59	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#18	23.21	20.56	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#39	23.10	20.45	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	23.24	20.59	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	22.32	19.67	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	22.47	19.82	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	22.46	19.81	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#0	22.07	19.42	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#18	22.26	19.61	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#39	22.17	19.52	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	22.12	19.47	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	22.25	19.6	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.23	19.58	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	22.34	19.69	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#0	22.22	19.57	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#18	22.14	19.49	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#39	22.08	19.43	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	22.13	19.48	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	22.69	20.04	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	23.25	20.6	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	22.41	19.76	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#0	22.22	19.57	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#18	22.39	19.74	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#39	22.07	19.42	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	22.10	19.45	38.45	PASS

Note:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$

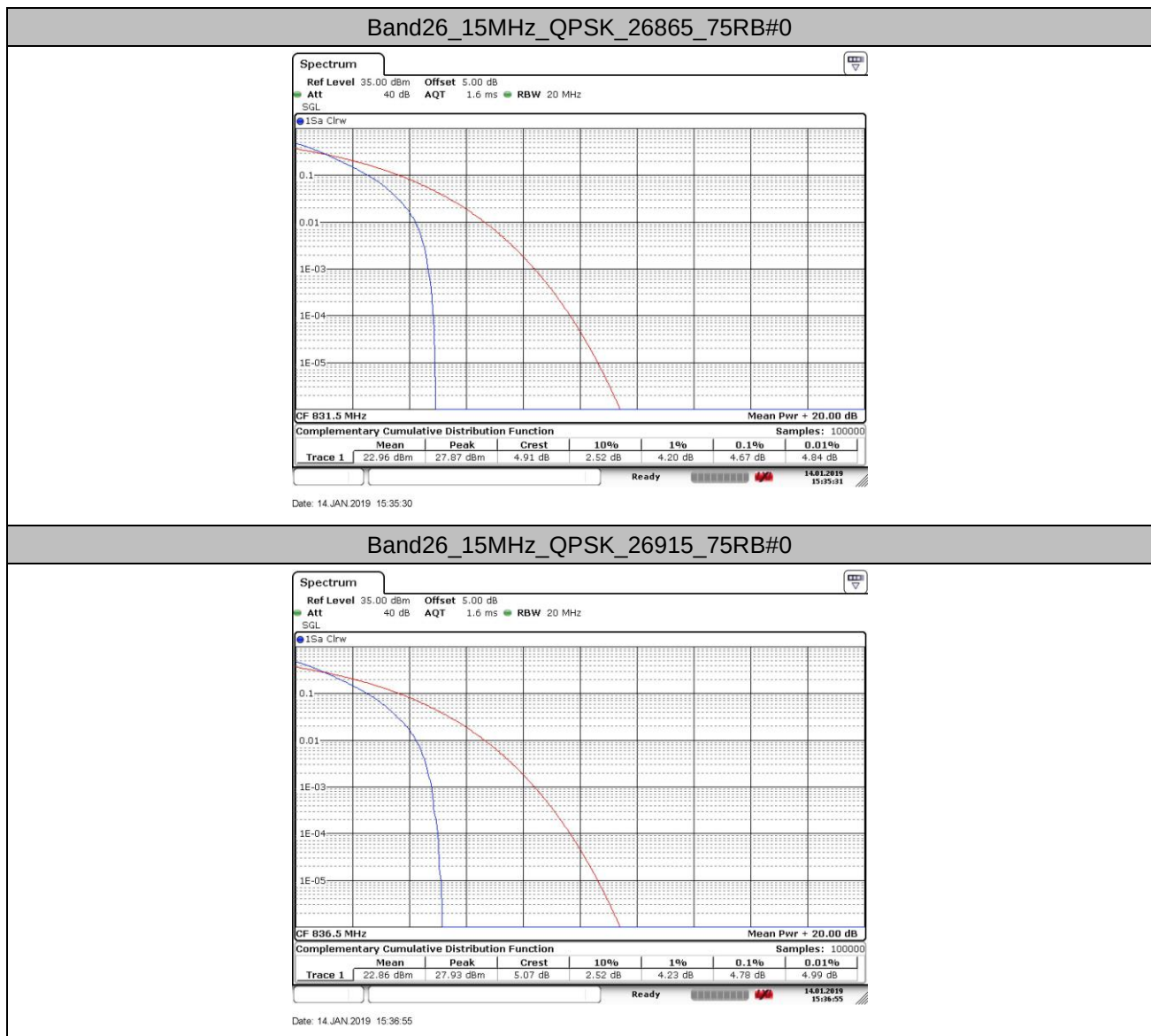
b: SGP=Signal Generator Level

4. Peak-to-Average Ratio(CCDF)

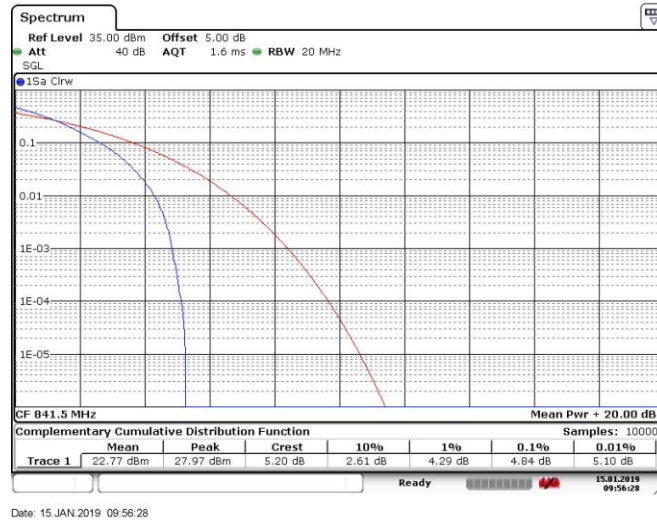
4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	4.67	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	4.78	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	4.84	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	5.59	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	5.65	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	5.77	13	PASS

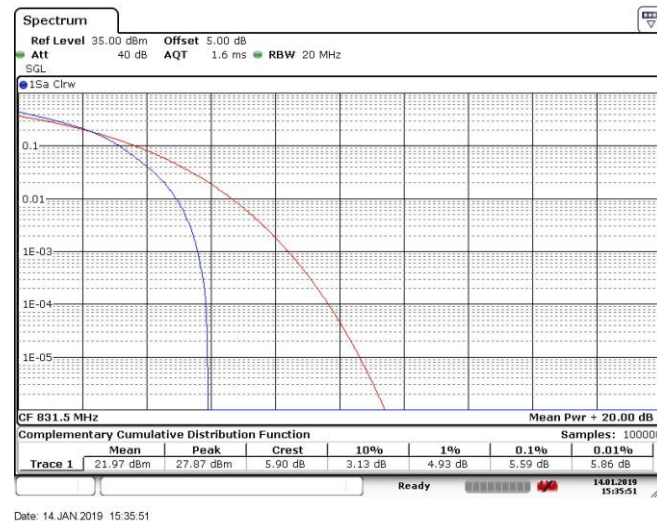
4.2. Test Plots



Band26_15MHz_QPSK_26965_75RB#0



Band26_15MHz_16QAM_26865_75RB#0



Band26_15MHz_16QAM_26915_75RB#0



Band26_15MHz_16QAM_26965_75RB#0



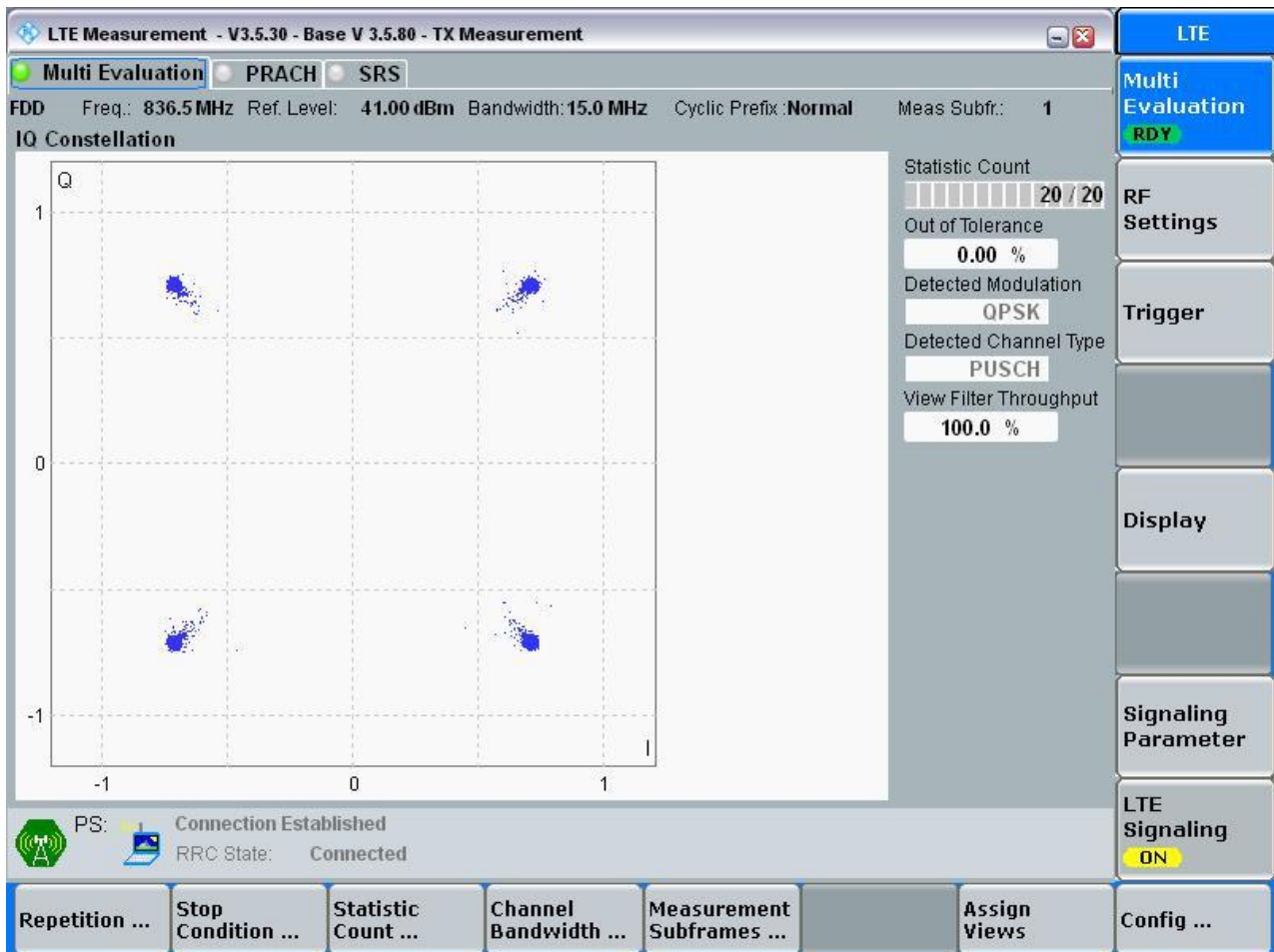
Date: 15.JAN.2019 09:55:59

5. Modulation Characteristics

5.1. Test BAND = LTE Band 26

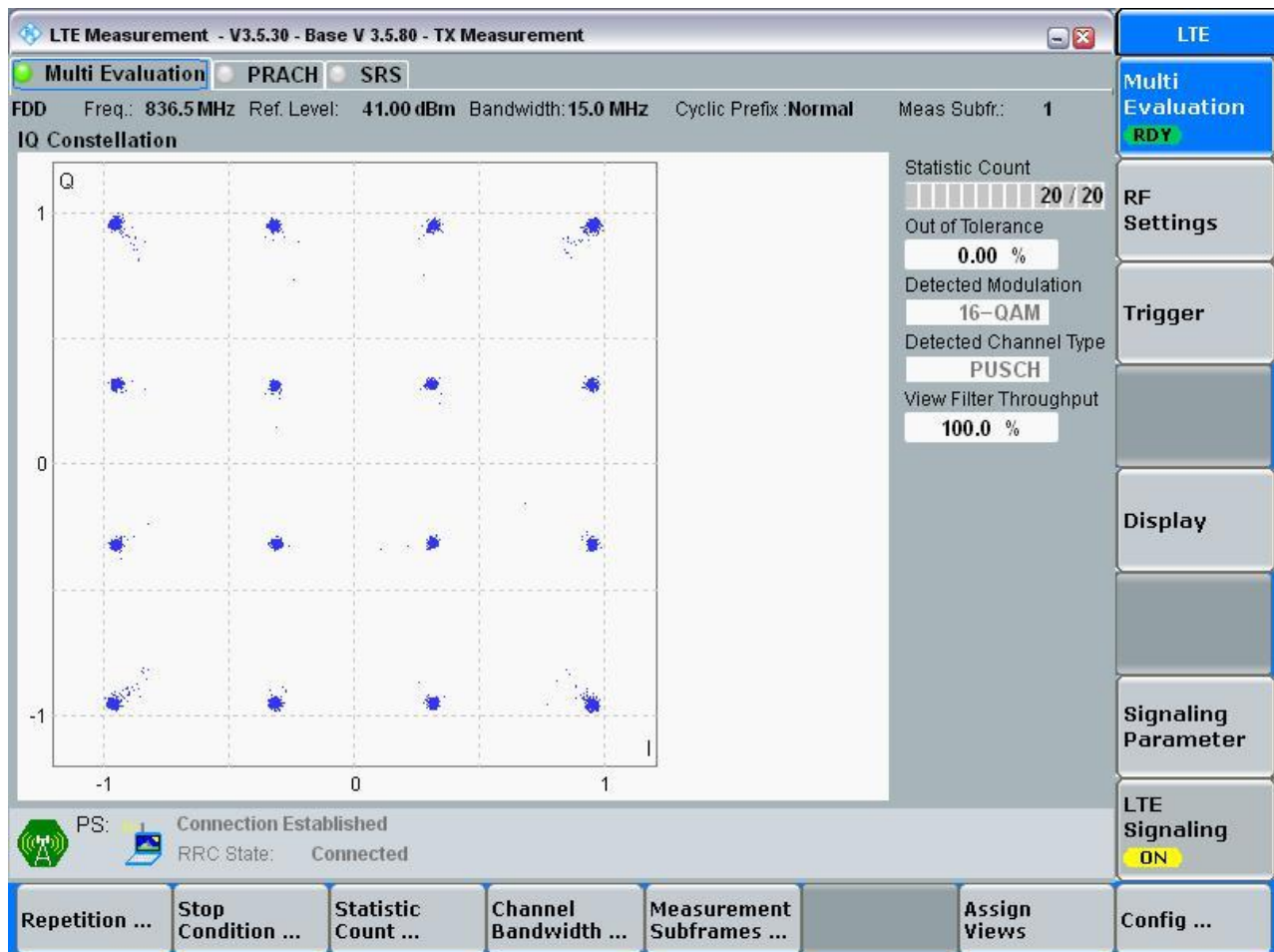
5.1.1. Test Mode = LTE /TM1 15MHz

5.1.1.1. Test Channel = MCH



5.1.2. Test Mode = LTE /TM2 15MHz

5.1.2.1. Test Channel = MCH



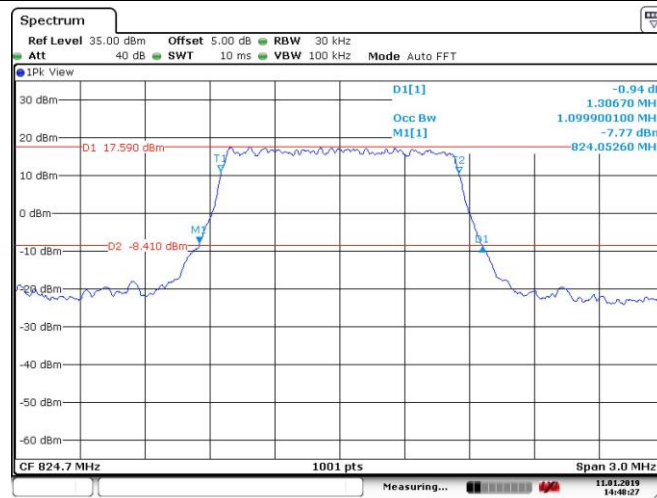
6. 26dB Bandwidth and Occupied Bandwidth

6.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	1.100	1.307	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.103	1.298	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.097	1.313	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.097	1.298	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.103	1.313	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.100	1.307	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.691	2.925	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.685	2.943	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.691	2.925	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.679	2.937	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.685	2.913	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.685	2.943	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.476	4.905	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.486	4.935	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.486	4.905	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.486	4.935	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.476	4.945	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.466	4.845	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.951	9.730	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.911	9.650	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.931	9.715	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.951	9.690	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.931	9.643	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.911	9.635	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.457	14.835	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.367	14.720	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.427	14.815	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.457	14.685	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.427	14.720	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.457	14.785	PASS

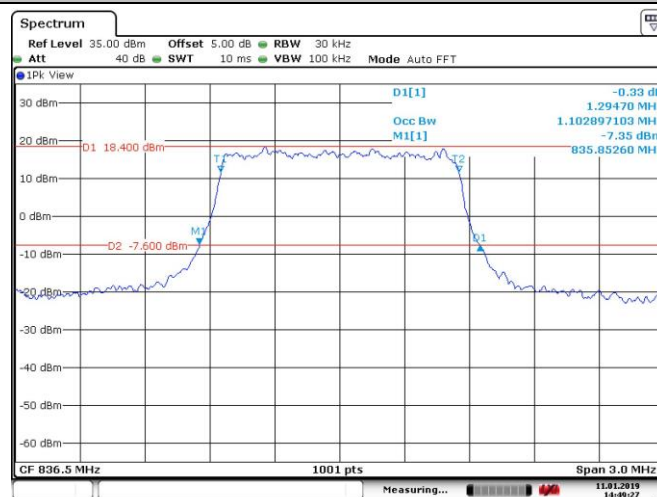
6.2. Test Plots

Band26_1.4MHz_QPSK_26797_6RB#0



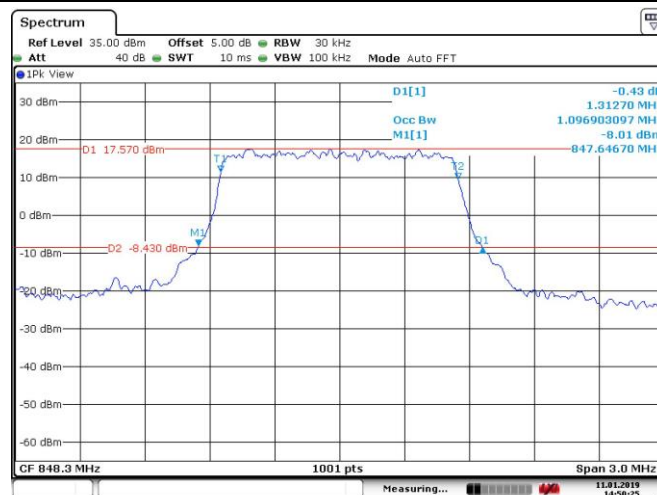
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Band26_1.4MHz_QPSK_26915_6RB#0



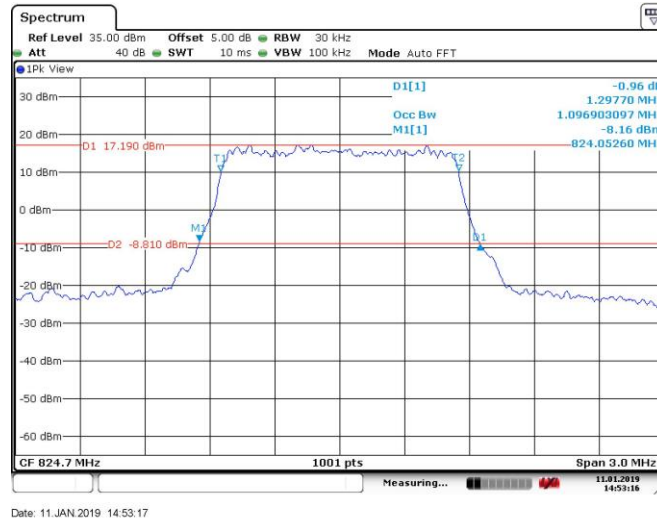
Date: 11.JAN.2019 14:49:27

Band26_1.4MHz_QPSK_27033_6RB#0

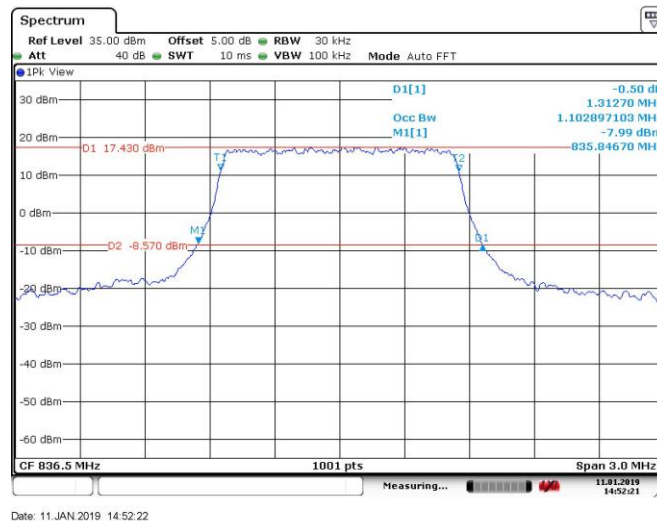


Date: 11.JAN.2019 14:50:25

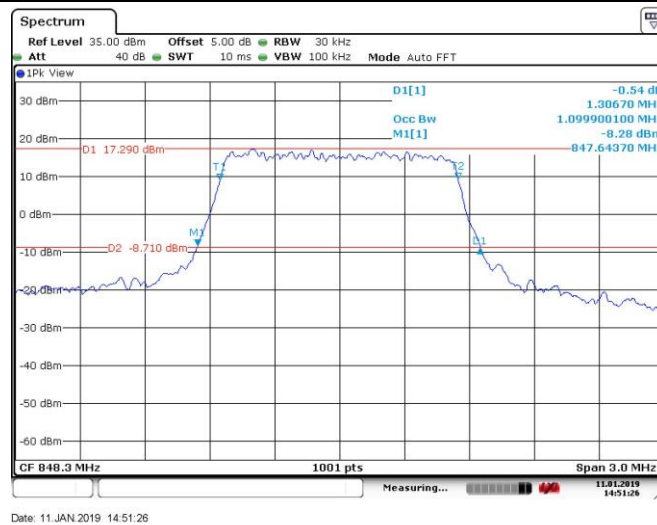
Band26_1.4MHz_16QAM_26797_6RB#0



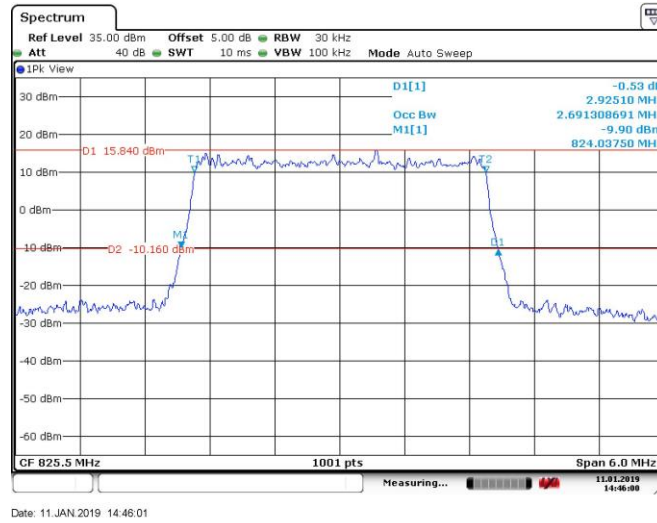
Band26_1.4MHz_16QAM_26915_6RB#0



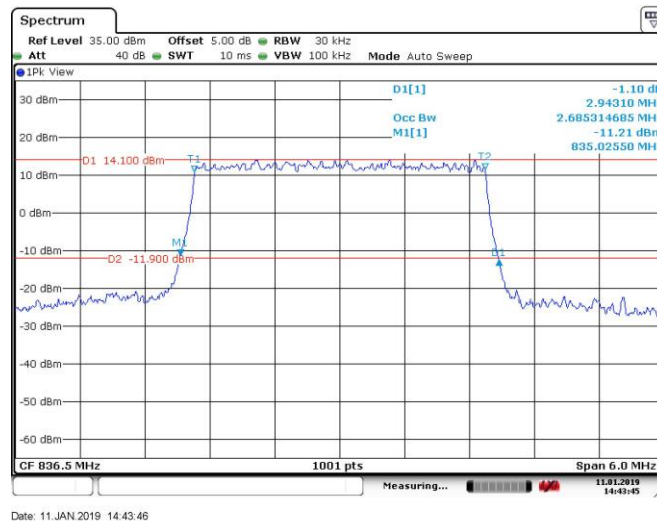
Band26_1.4MHz_16QAM_27033_6RB#0



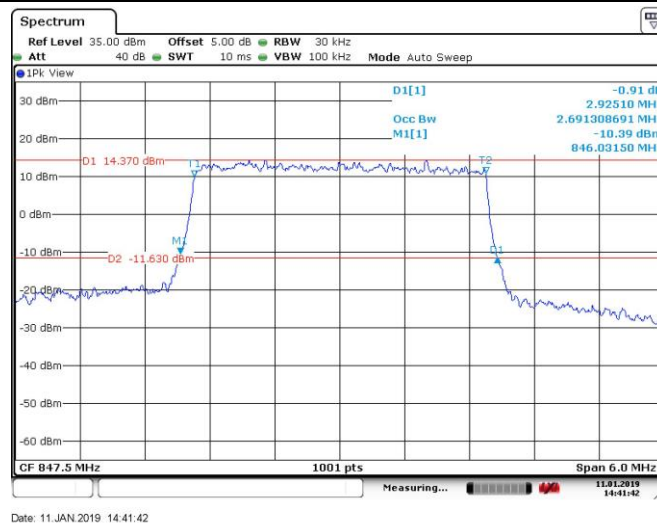
Band26_3MHz_QPSK_26805_15RB#0



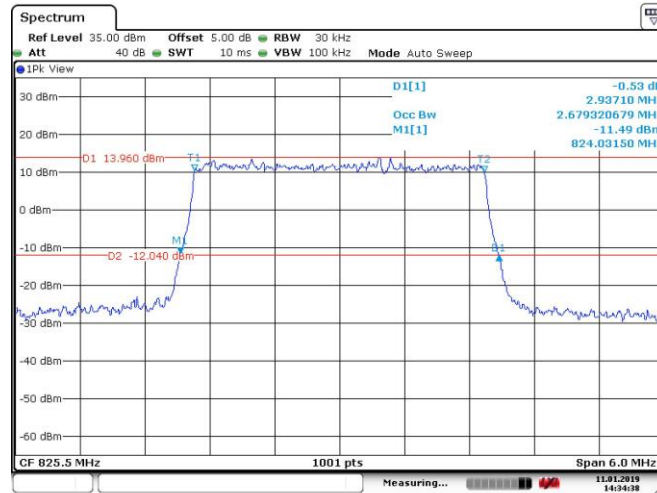
Band26_3MHz_QPSK_26915_15RB#0



Band26_3MHz_QPSK_27025_15RB#0

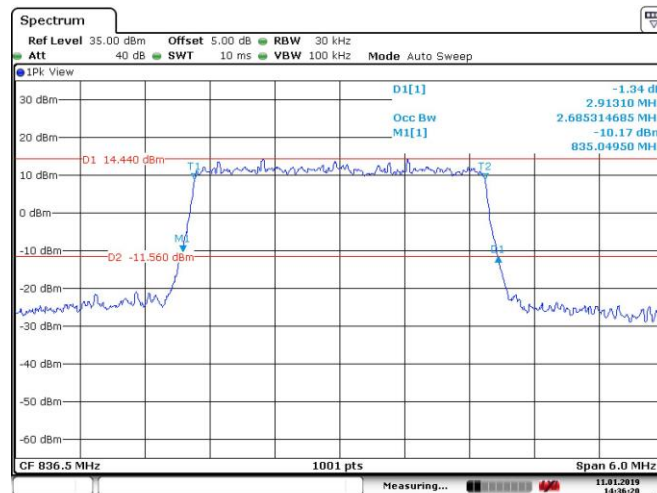


Band26_3MHz_16QAM_26805_15RB#0



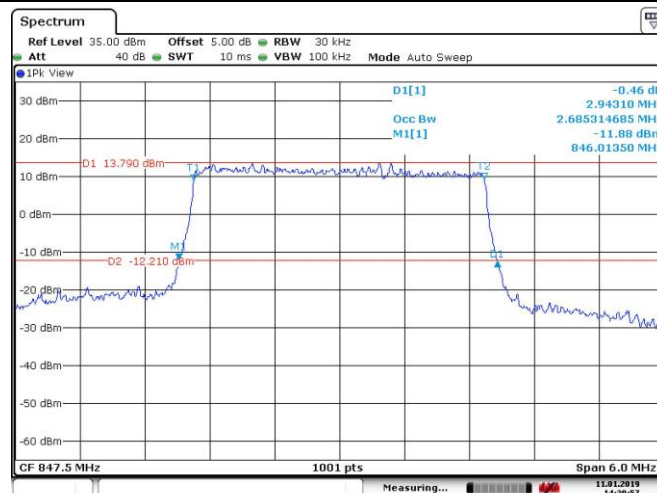
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Band26_3MHz_16QAM_26915_15RB#0



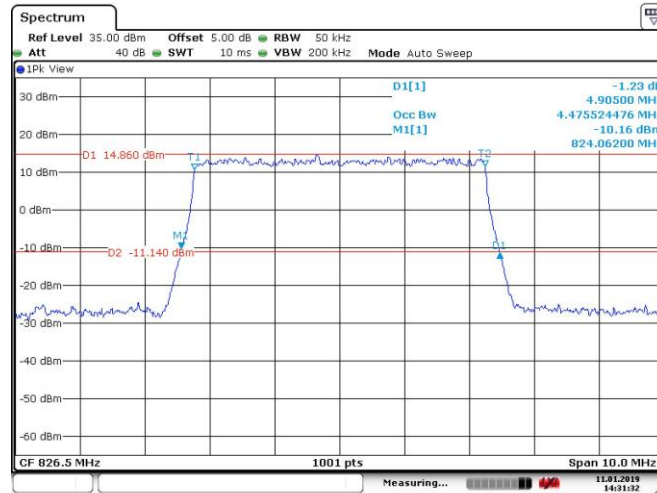
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Band26_3MHz_16QAM_27025_15RB#0



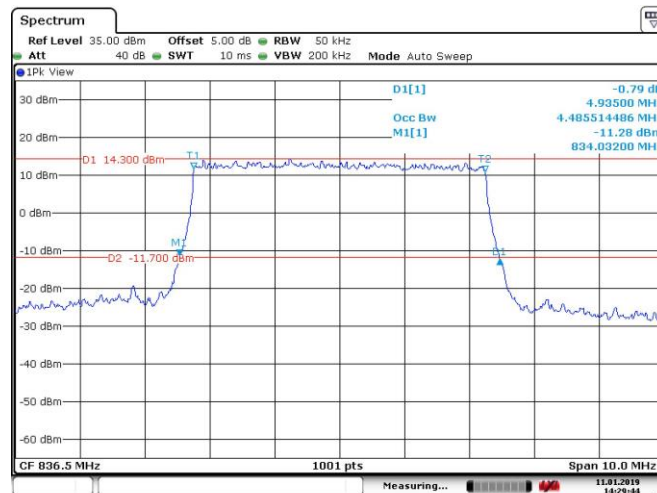
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Band26_5MHz_QPSK_26815_25RB#0



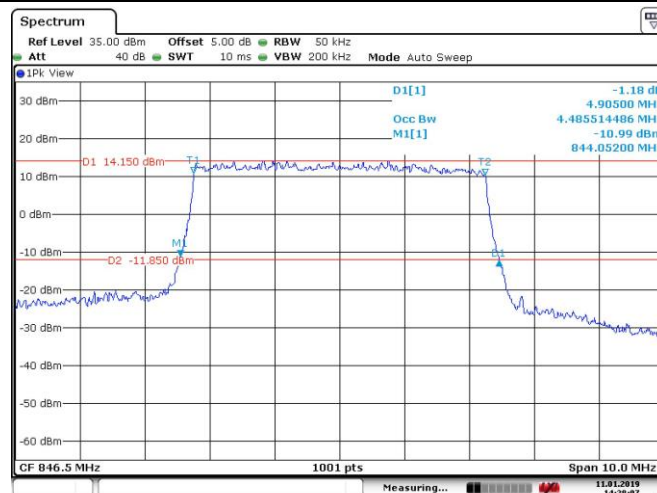
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Band26_5MHz_QPSK_26915_25RB#0



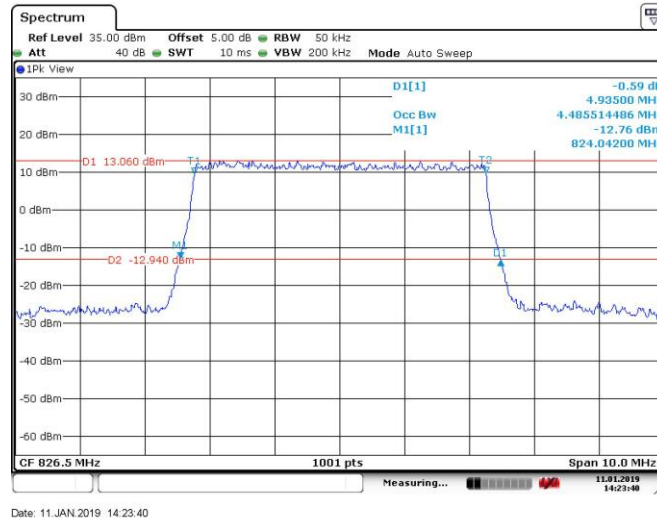
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Band26_5MHz_QPSK_27015_25RB#0

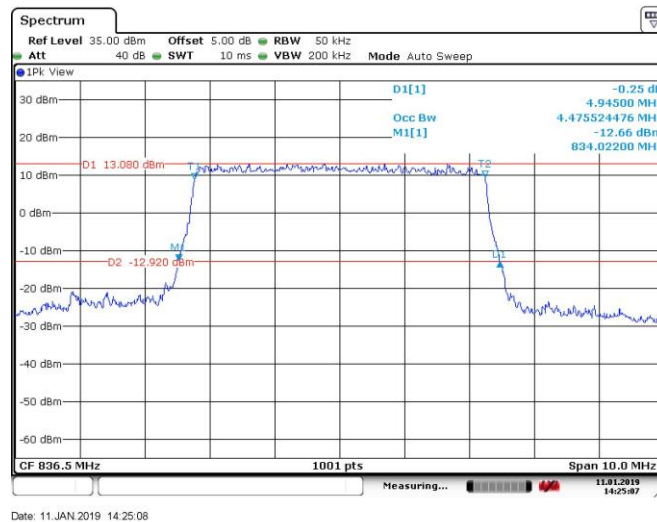


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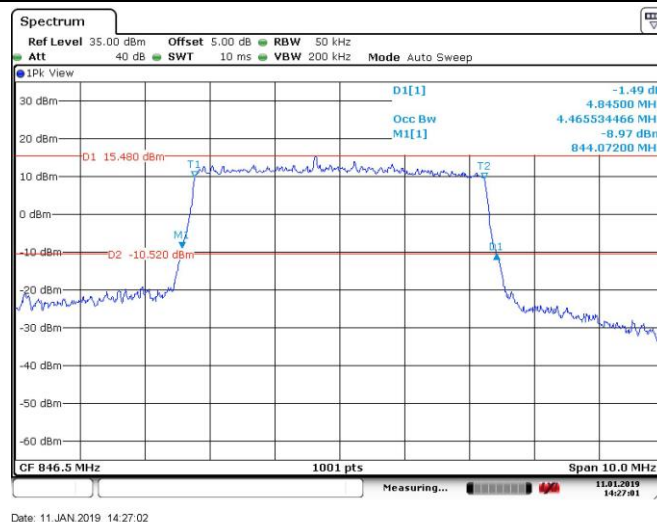
Band26_5MHz_16QAM_26815_25RB#0



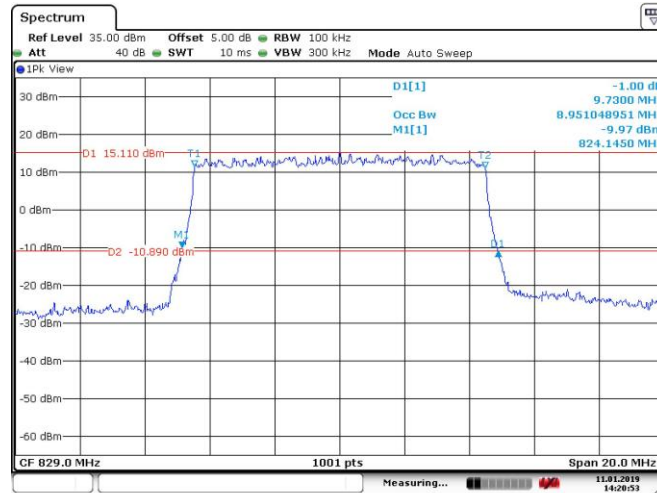
Band26_5MHz_16QAM_26915_25RB#0



Band26_5MHz_16QAM_27015_25RB#0

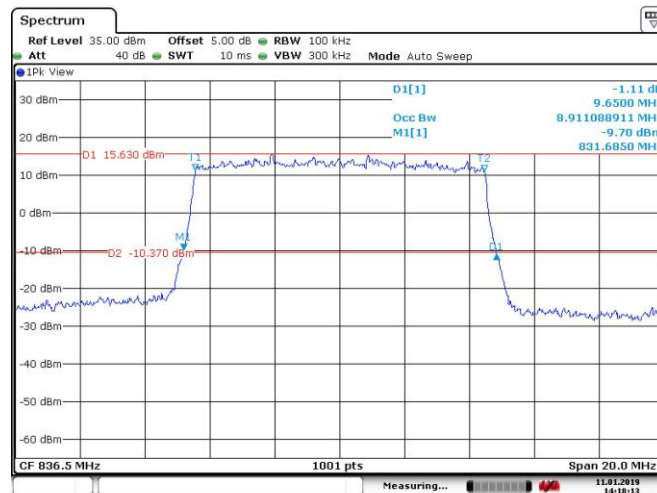


Band26_10MHz_QPSK_26840_50RB#0



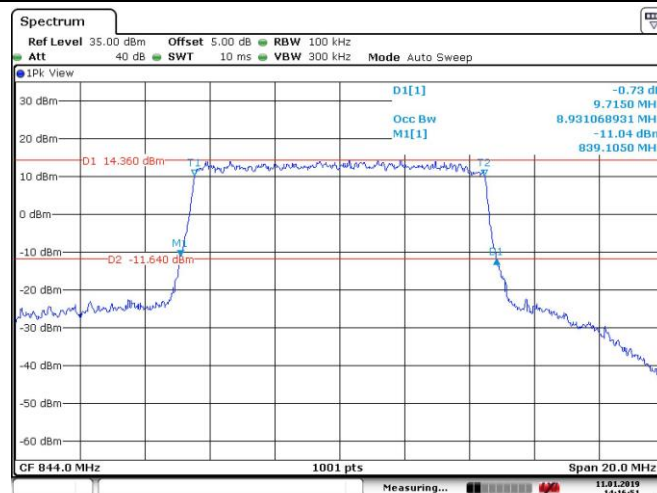
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Band26_10MHz_QPSK_26915_50RB#0



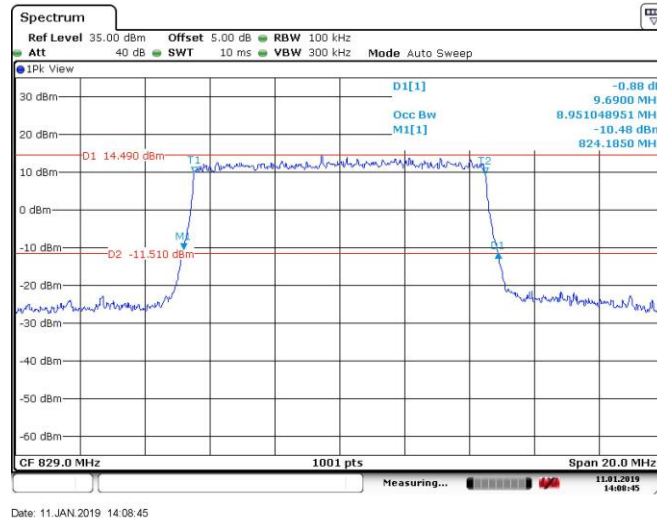
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Band26_10MHz_QPSK_26990_50RB#0

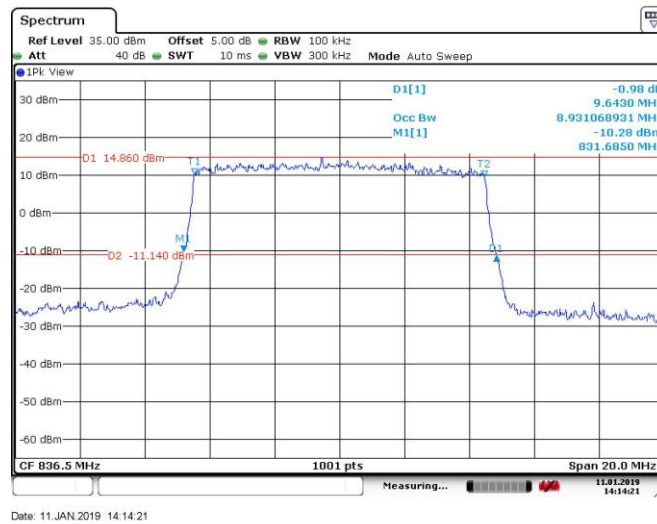


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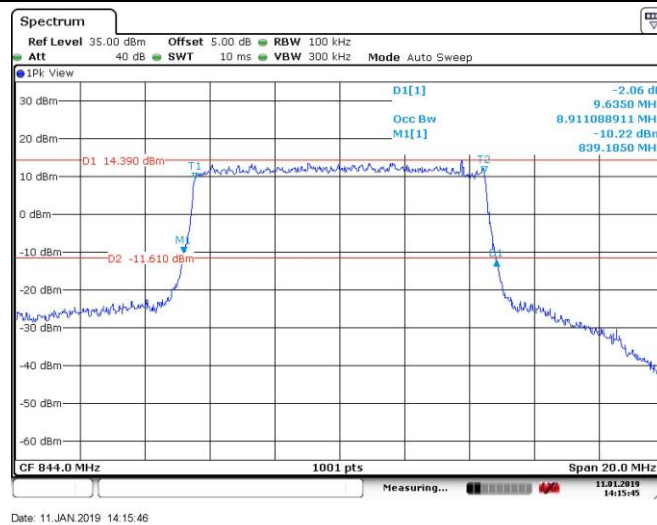
Band26_10MHz_16QAM_26840_50RB#0



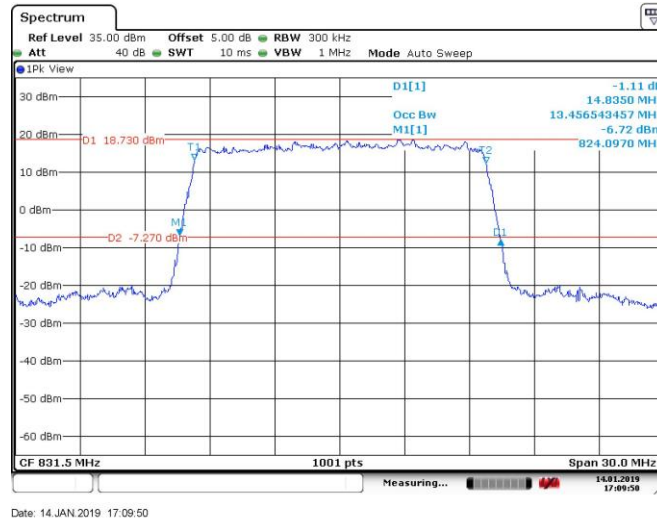
Band26_10MHz_16QAM_26915_50RB#0



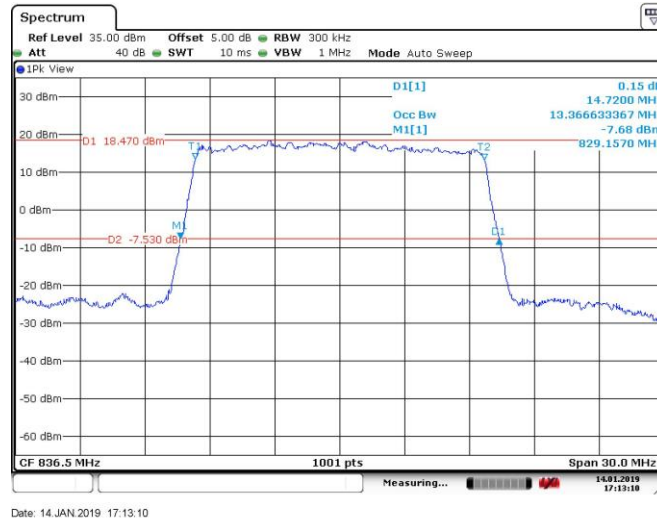
Band26_10MHz_16QAM_26990_50RB#0



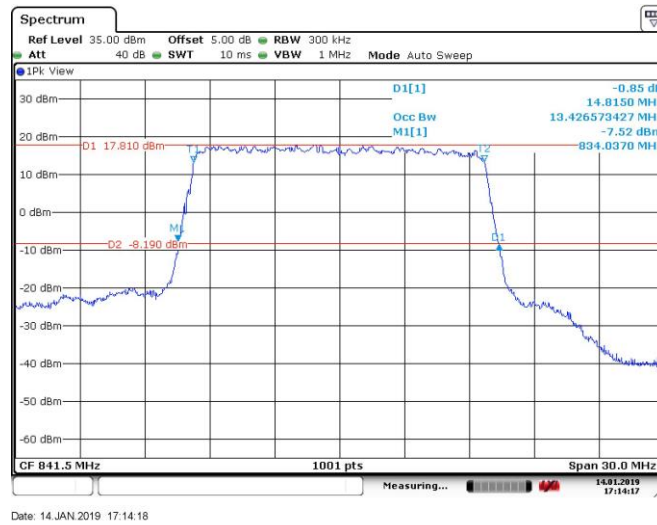
Band26_15MHz_QPSK_26865_75RB#0



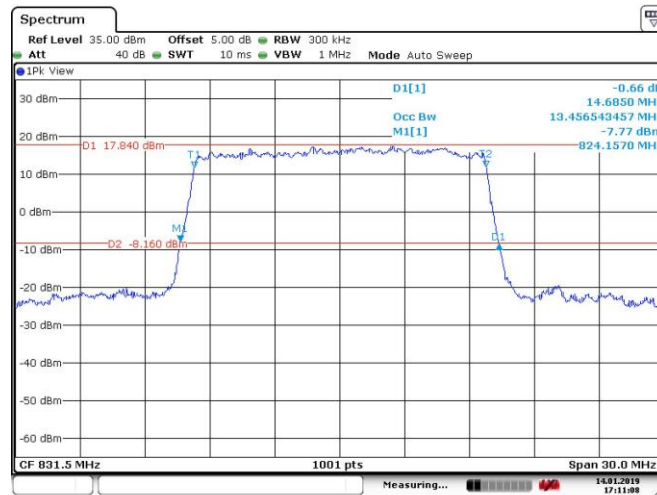
Band26_15MHz_QPSK_26915_75RB#0



Band26_15MHz_QPSK_26965_75RB#0

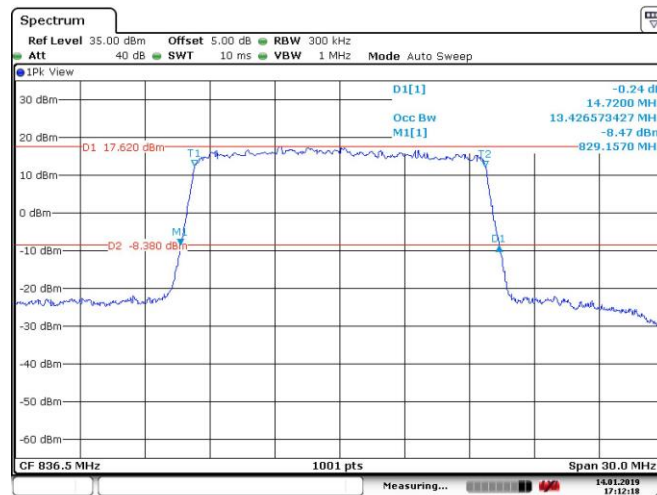


Band26_15MHz_16QAM_26865_75RB#0



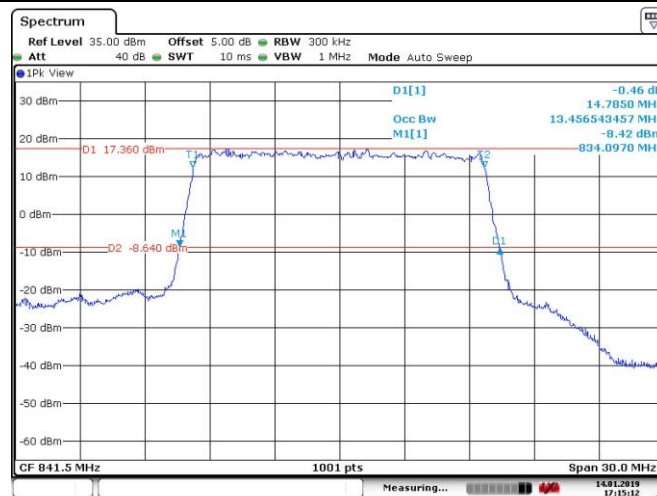
Date: 14 JAN 2019 17:11:08

Band26_15MHz_16QAM_26915_75RB#0



Date: 14 JAN 2019 17:12:19

Band26_15MHz_16QAM_26965_75RB#0



Date: 14 JAN 2019 17:15:12