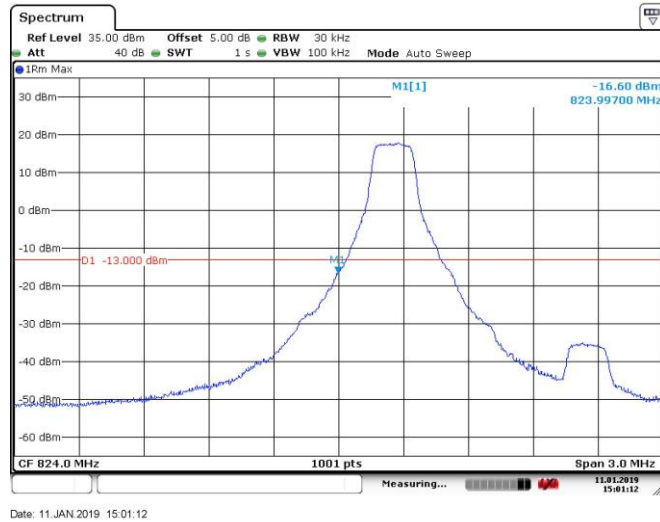


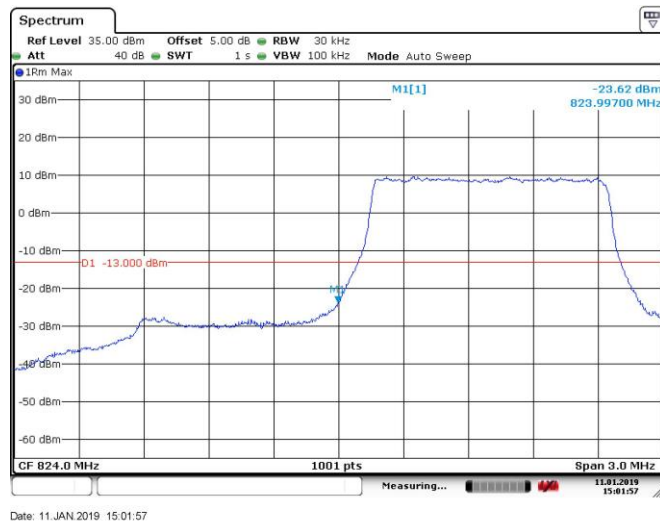
7. Band Edge Compliance

7.1. Test Plots

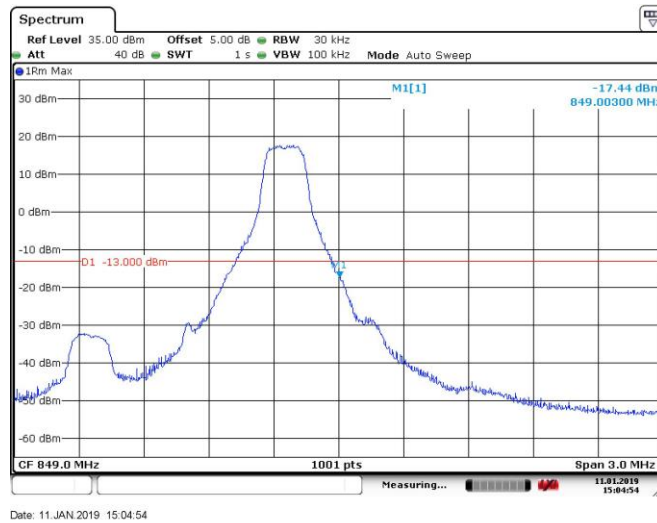
Band26_1.4MHz_QPSK_26797_1RB#0



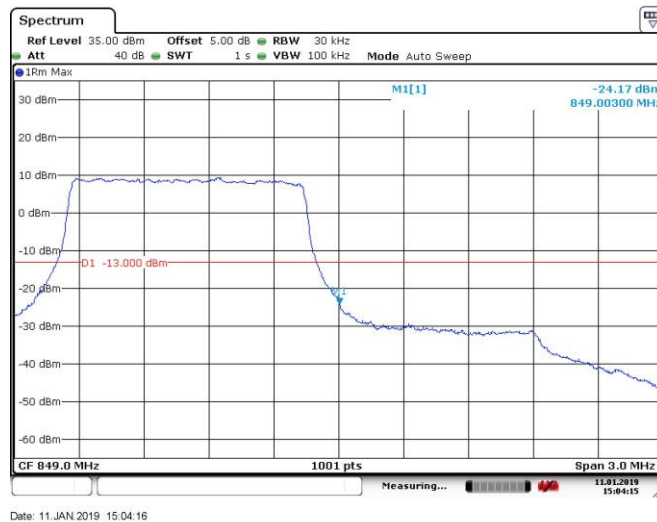
Band26_1.4MHz_QPSK_26797_6RB#0



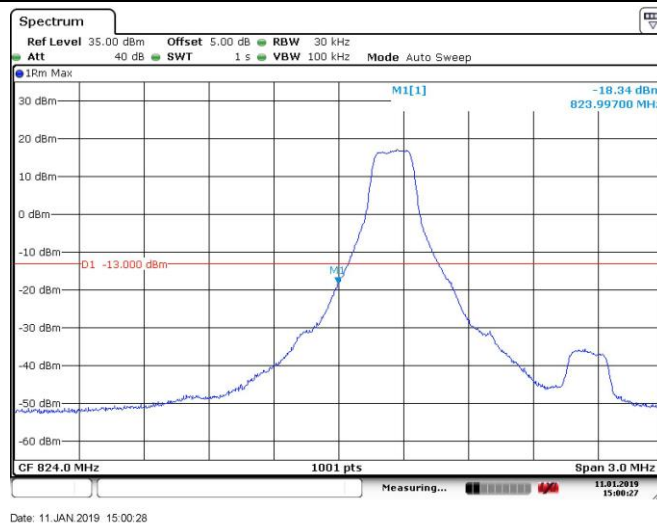
Band26_1.4MHz_QPSK_27033_1RB#5



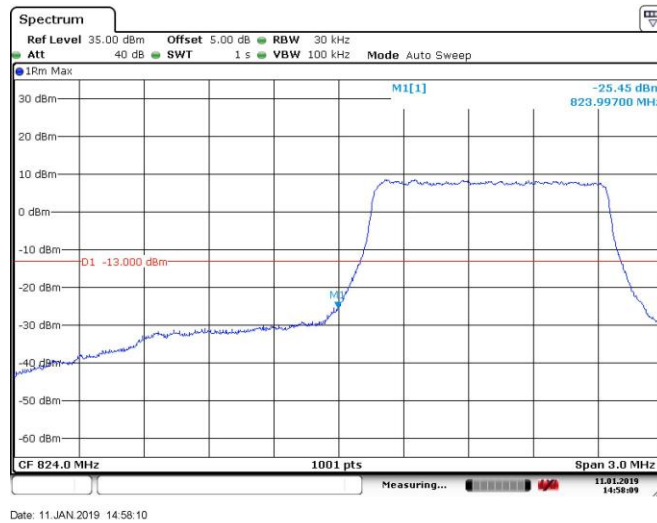
Band26_1.4MHz_QPSK_27033_6RB#0



Band26_1.4MHz_16QAM_26797_1RB#0

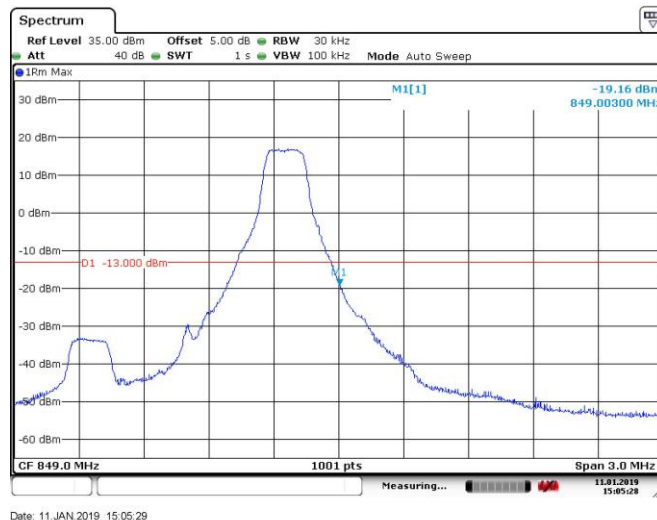


Band26_1.4MHz_16QAM_26797_6RB#0



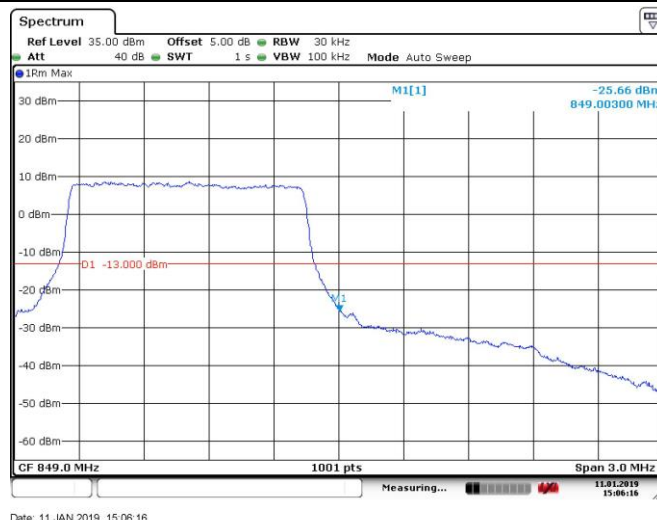
Date: 11.JAN.2019 14:58:10

Band26_1.4MHz_16QAM_27033_1RB#5



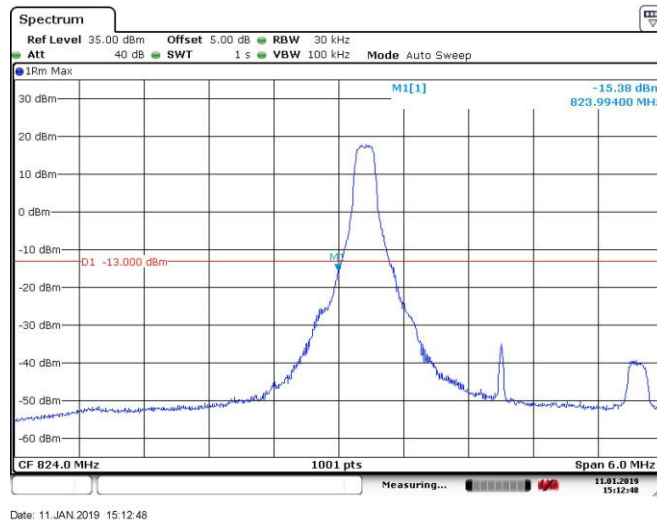
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Band26_1.4MHz_16QAM_27033_6RB#0

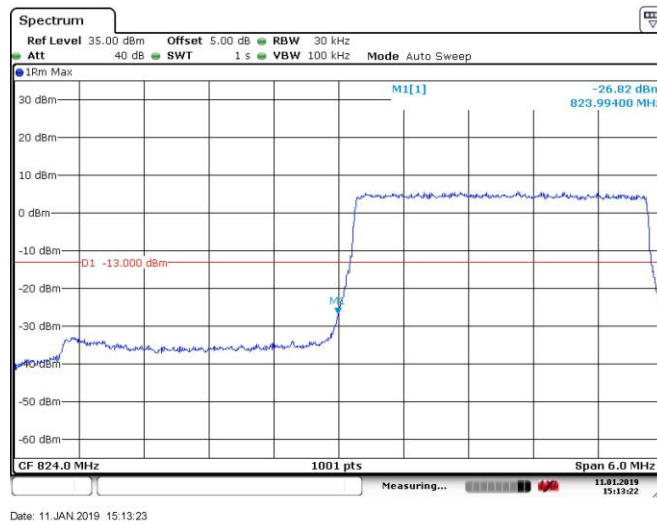


Date: 11.JAN.2019 15:06:16

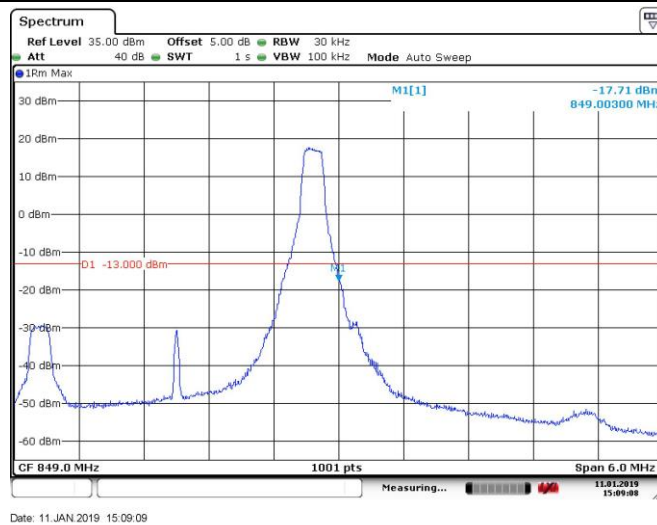
Band26_3MHz_QPSK_26805_1RB#0



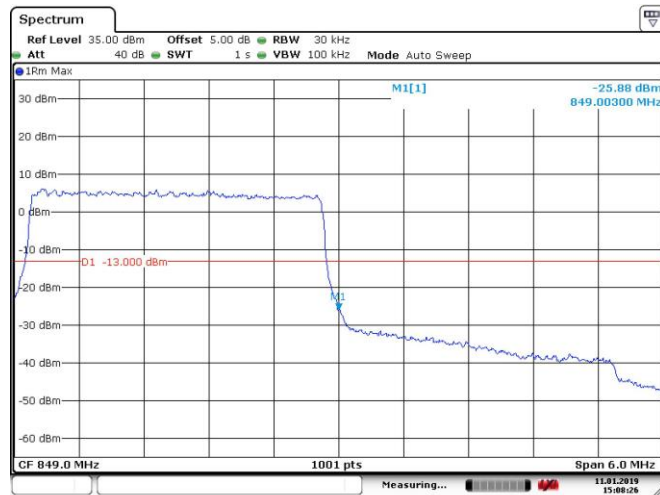
Band26_3MHz_QPSK_26805_15RB#0



Band26_3MHz_QPSK_27025_1RB#14

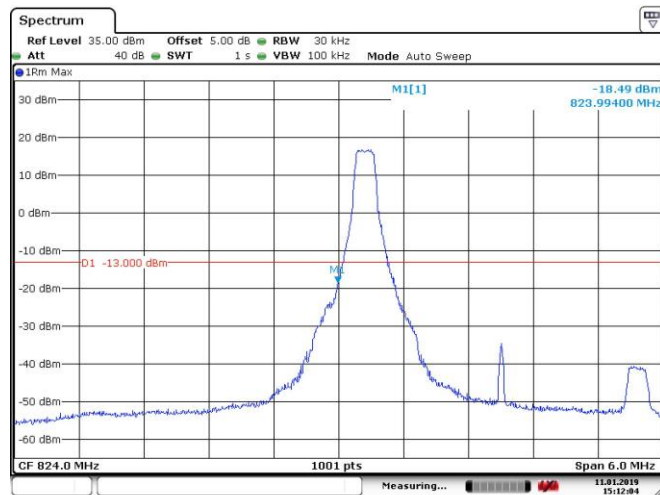


Band26_3MHz_QPSK_27025_15RB#0



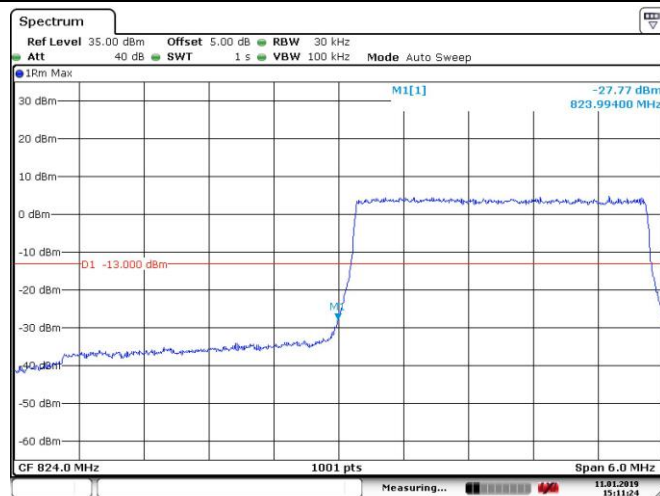
Date: 11.JAN.2019 15:08:26

Band26_3MHz_16QAM_26805_1RB#0



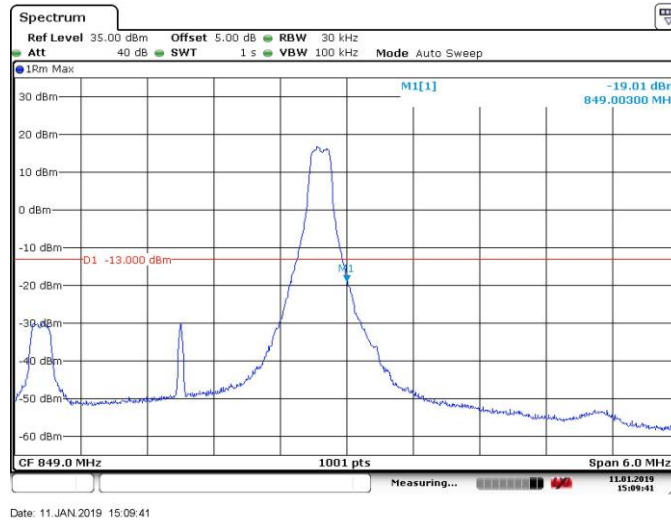
Date: 11.JAN.2019 15:12:04

Band26_3MHz_16QAM_26805_15RB#0



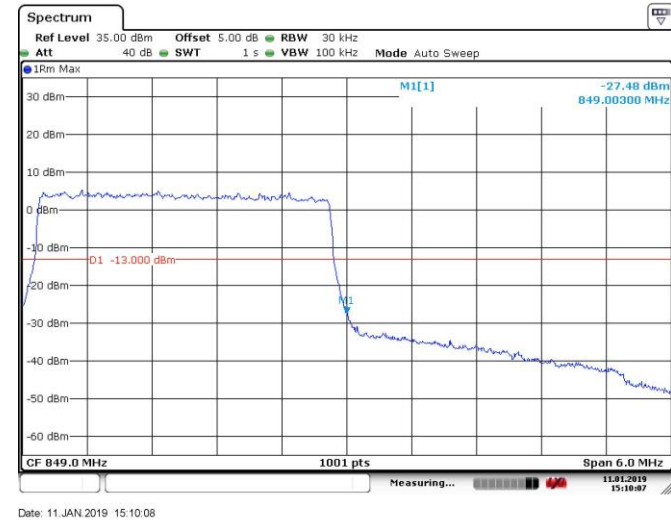
Date: 11.JAN.2019 15:11:25

Band26_3MHz_16QAM_27025_1RB#14



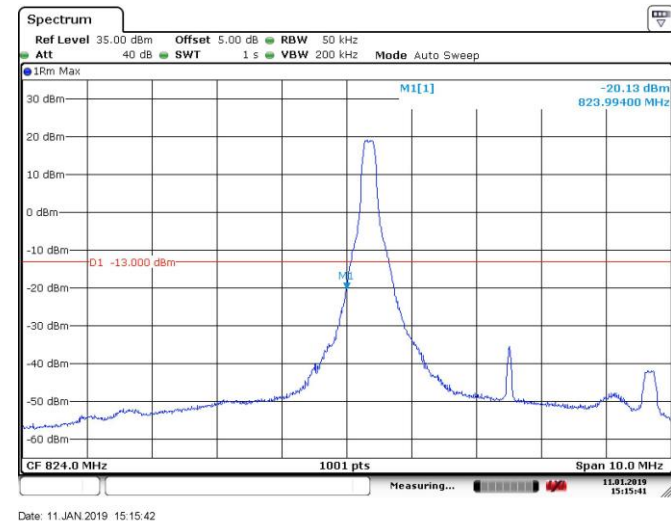
Date: 11.JAN.2019 15:09:41

Band26_3MHz_16QAM_27025_15RB#0



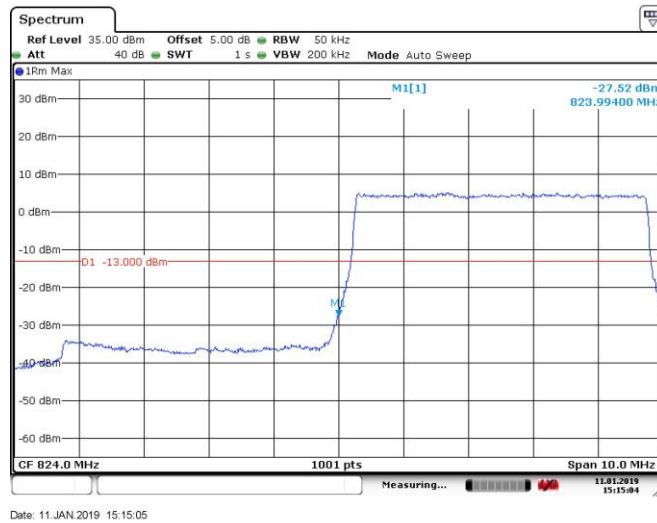
Date: 11.JAN.2019 15:10:08

Band26_5MHz_QPSK_26815_1RB#0

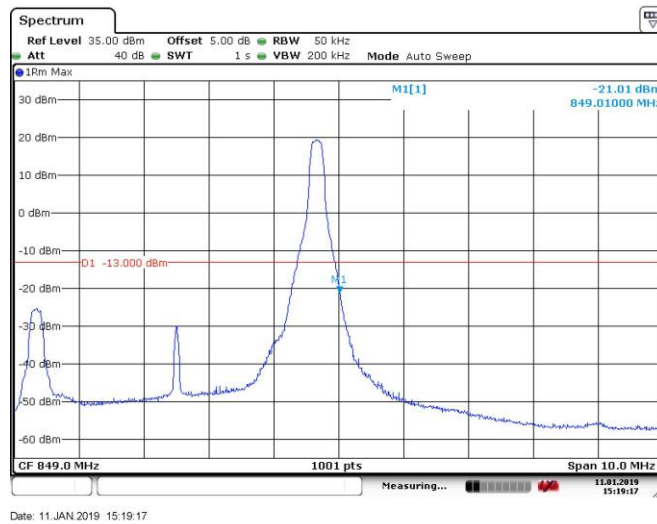


Date: 11.JAN.2019 15:15:42

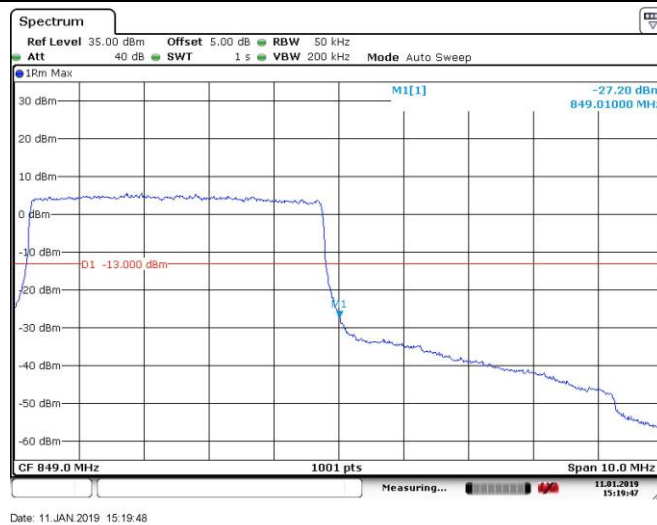
Band26_5MHz_QPSK_26815_25RB#0



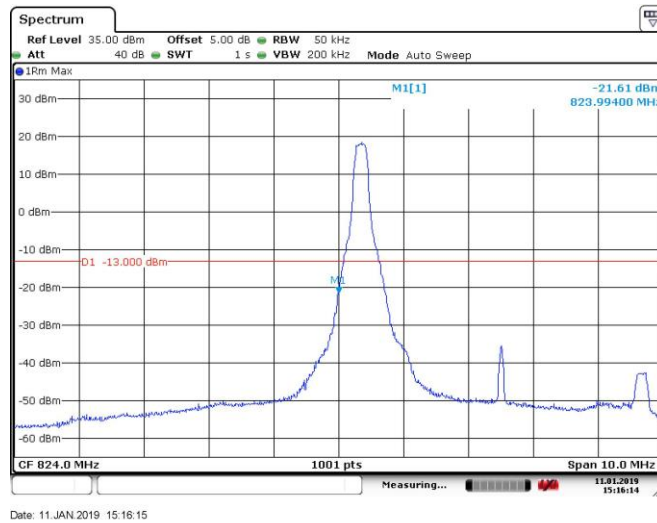
Band26_5MHz_QPSK_27015_1RB#24



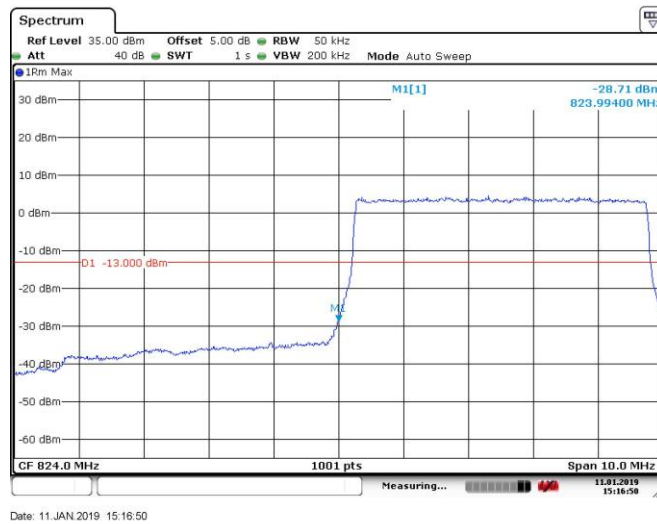
Band26_5MHz_QPSK_27015_25RB#0



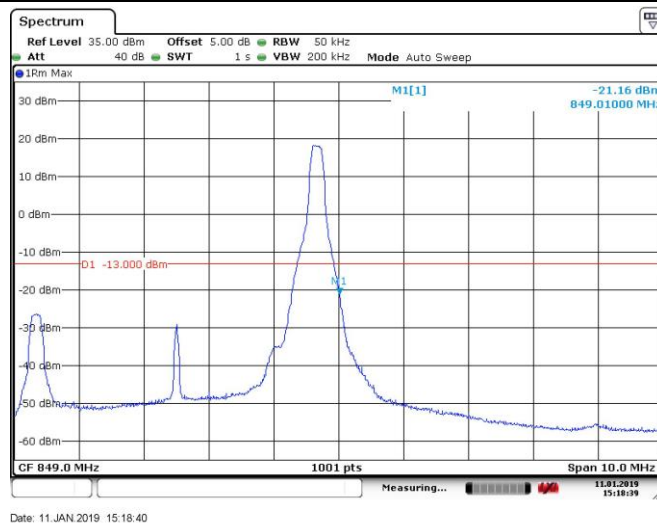
Band26_5MHz_16QAM_26815_1RB#0



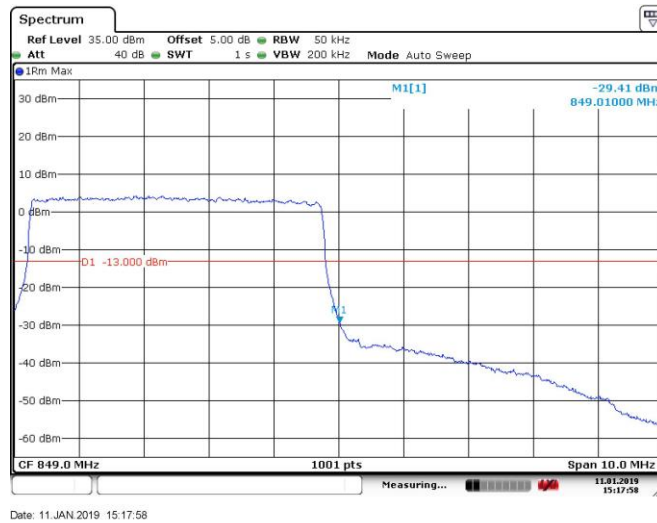
Band26_5MHz_16QAM_26815_25RB#0



Band26_5MHz_16QAM_27015_1RB#24

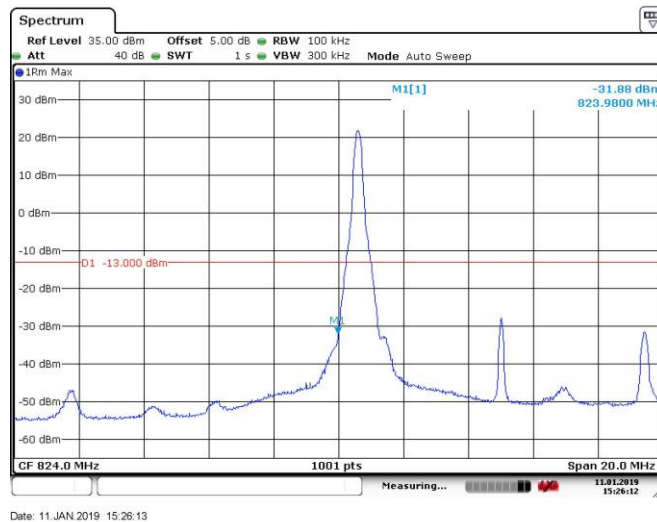


Band26_5MHz_16QAM_27015_25RB#0



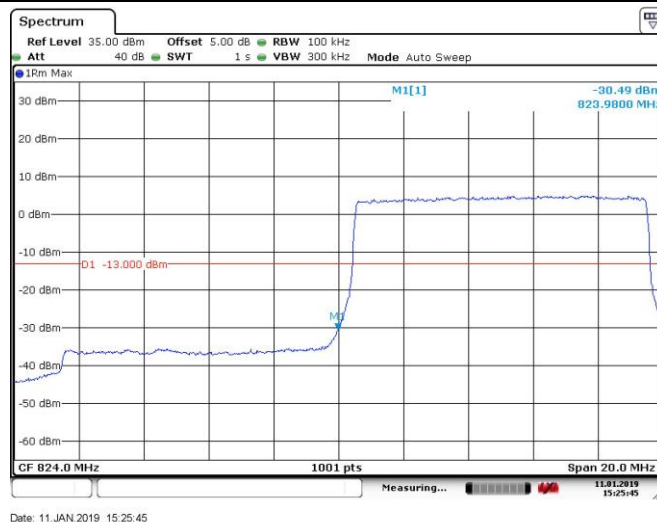
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Band26_10MHz_QPSK_26840_1RB#0



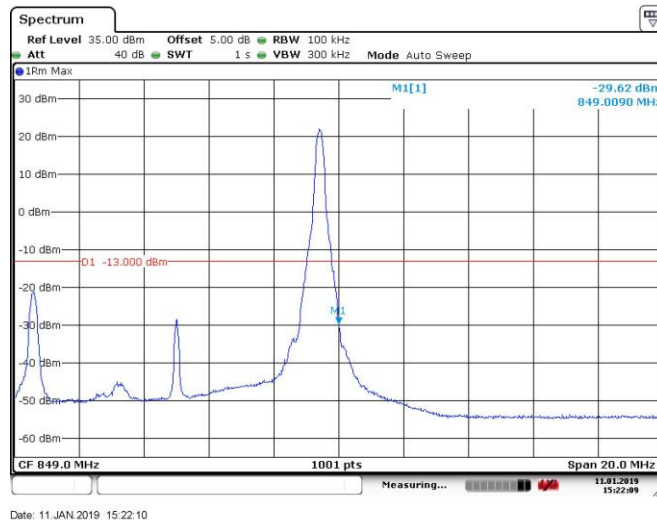
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Band26_10MHz_QPSK_26840_50RB#0

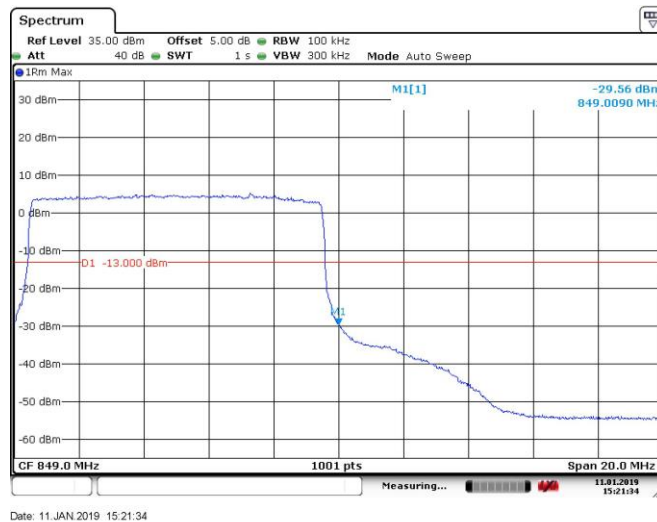


Date: 11.JAN.2019 15:25:45

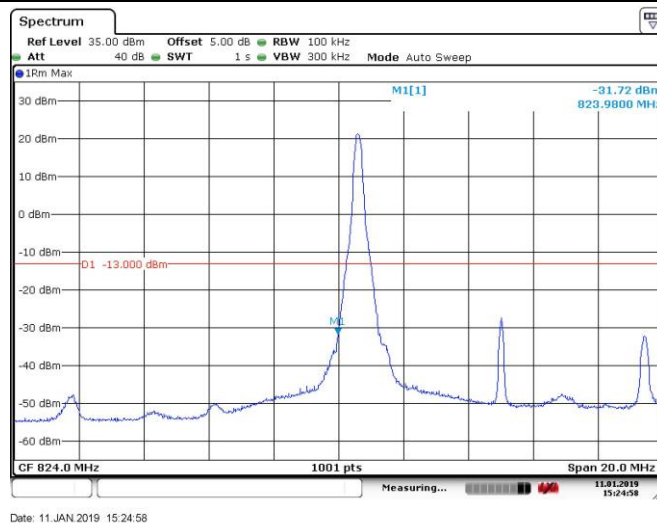
Band26_10MHz_QPSK_26990_1RB#49



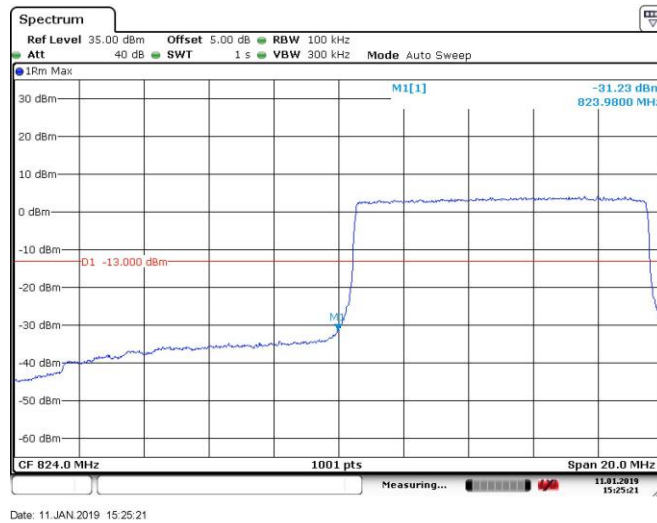
Band26_10MHz_QPSK_26990_50RB#0



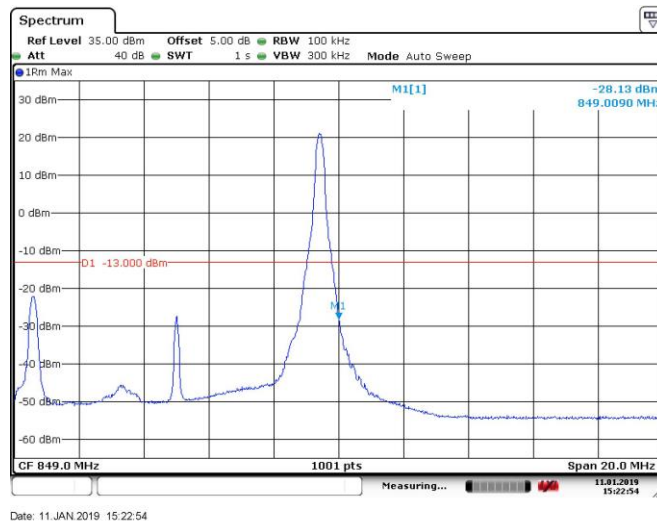
Band26_10MHz_16QAM_26840_1RB#0



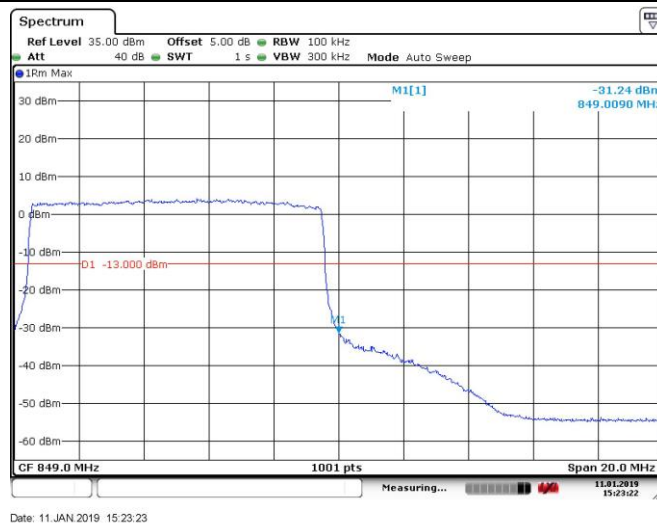
Band26_10MHz_16QAM_26840_50RB#0



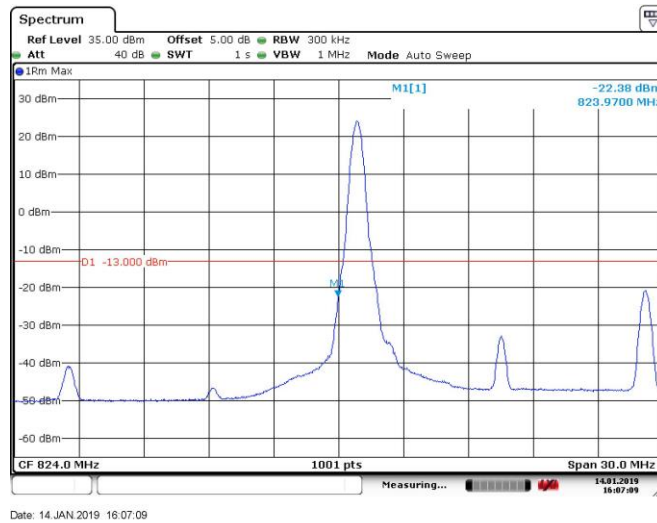
Band26_10MHz_16QAM_26990_1RB#49



Band26_10MHz_16QAM_26990_50RB#0

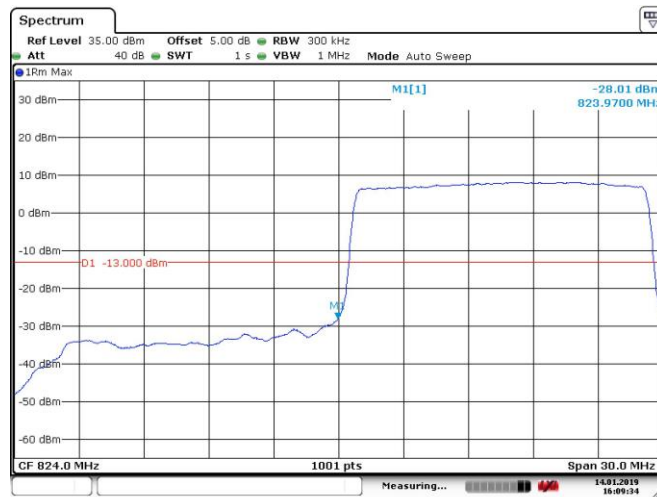


Band26_15MHz_QPSK_26865_1RB#0



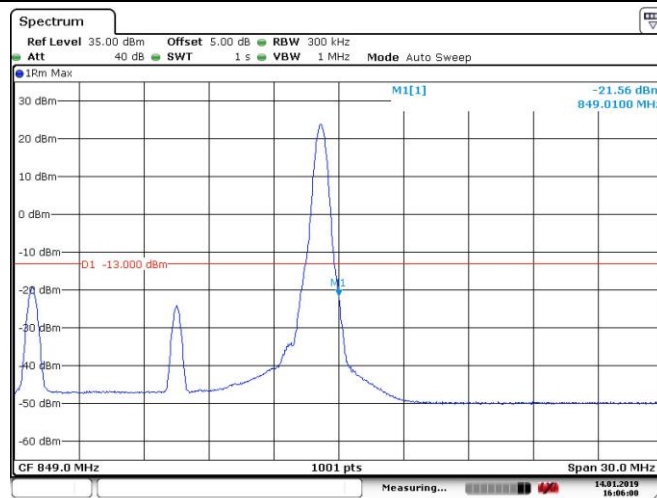
Date: 14 JAN 2019 16:07:09

Band26_15MHz_QPSK_26865_75RB#0



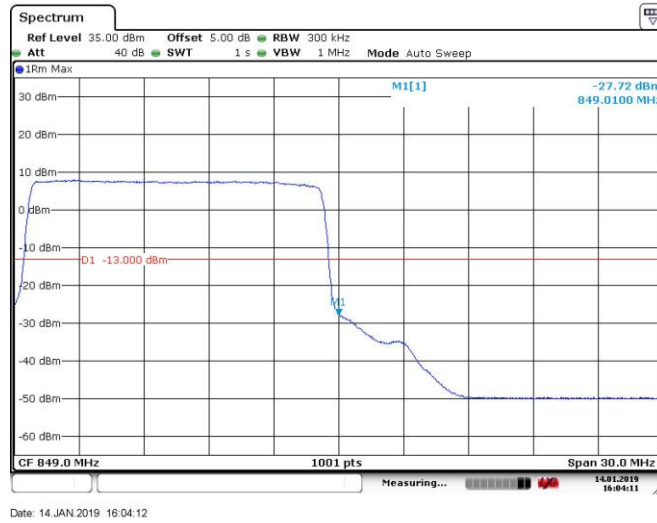
Date: 14 JAN 2019 16:09:35

Band26_15MHz_QPSK_26965_1RB#74

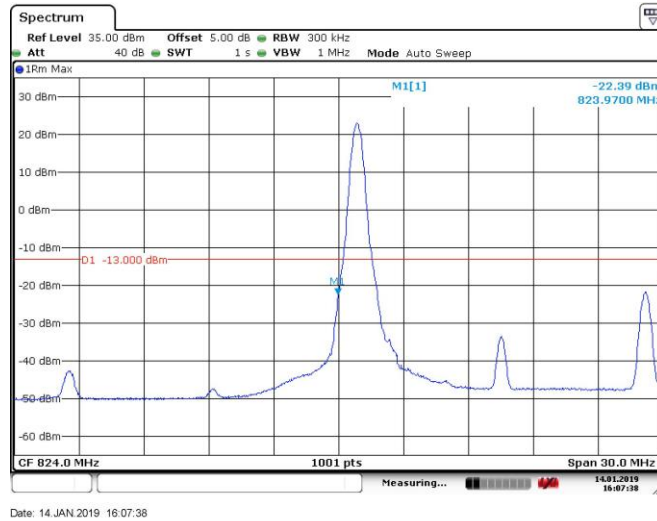


Date: 14 JAN 2019 16:06:01

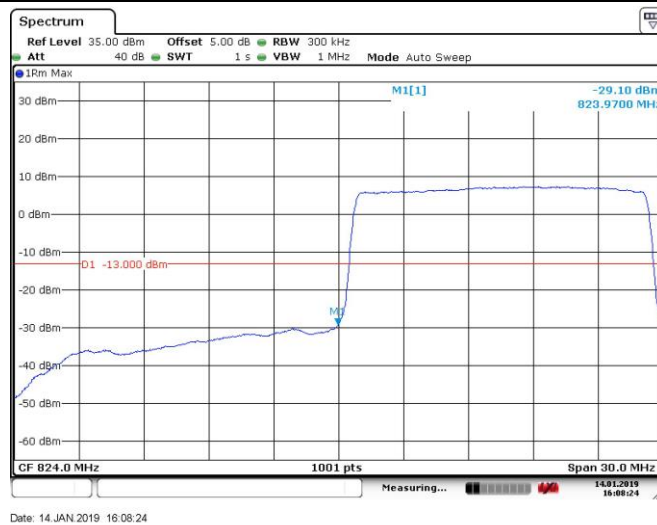
Band26_15MHz_QPSK_26965_75RB#0



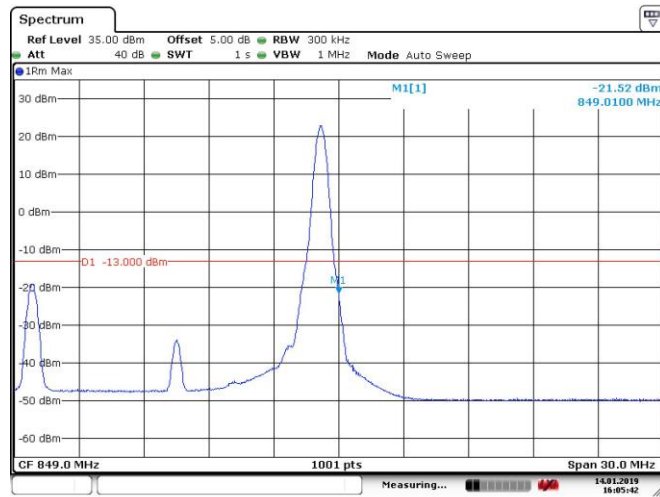
Band26_15MHz_16QAM_26865_1RB#0



Band26_15MHz_16QAM_26865_75RB#0

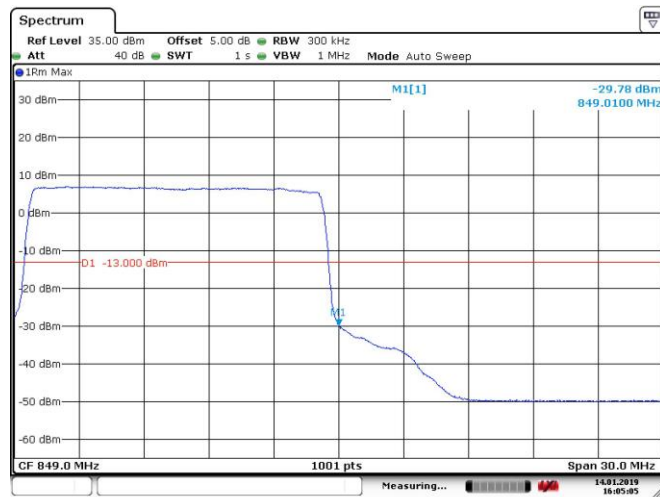


Band26_15MHz_16QAM_26965_1RB#74



Date: 14 JAN 2019 16:05:42

Band26_15MHz_16QAM_26965_75RB#0



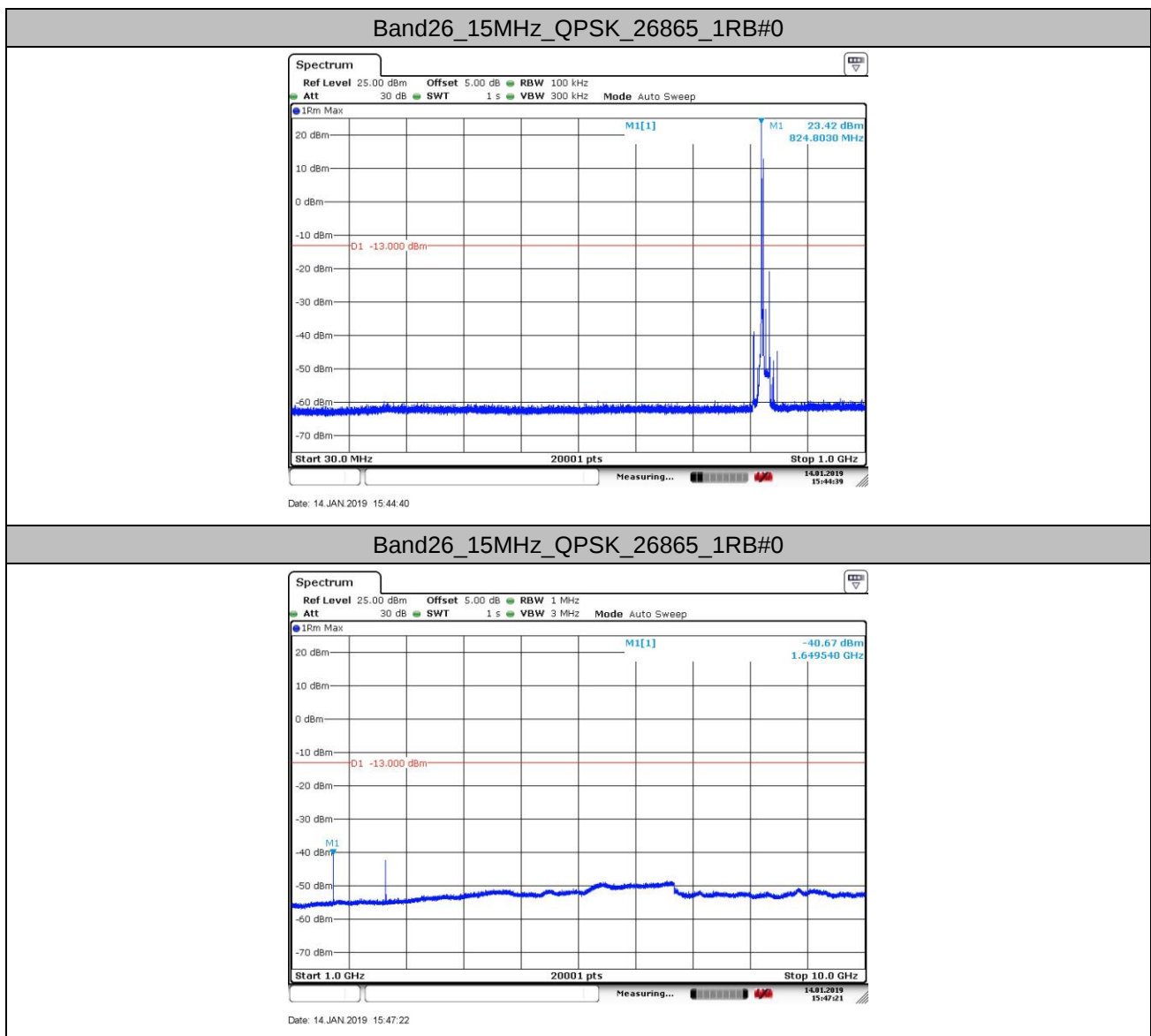
Date: 14 JAN 2019 16:05:05

8. Spurious Emission at Antenna Terminal

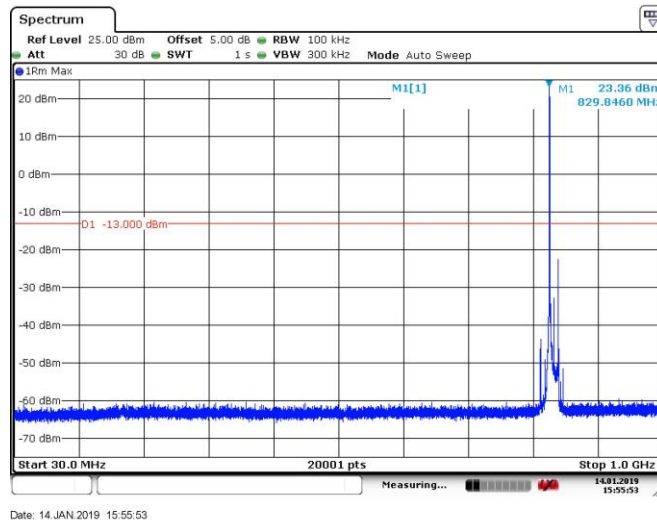
NOTE1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k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

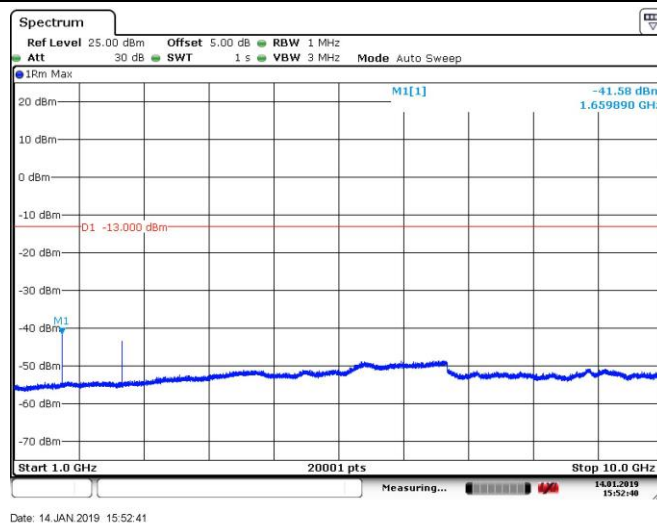
8.1. Test Plots



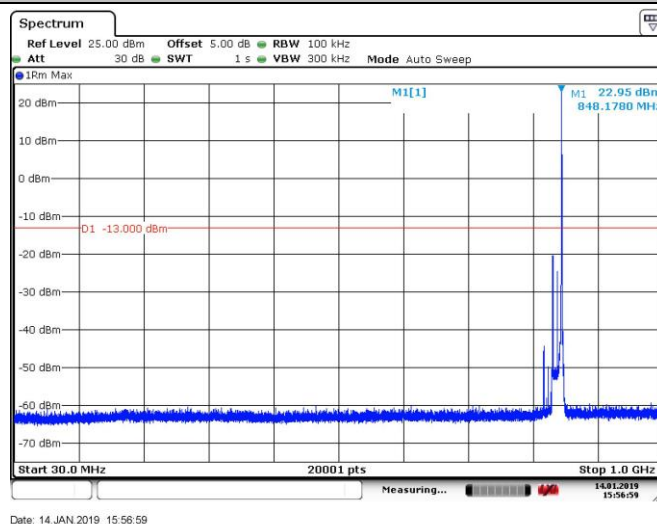
Band26_15MHz_QPSK_26915_1RB#0



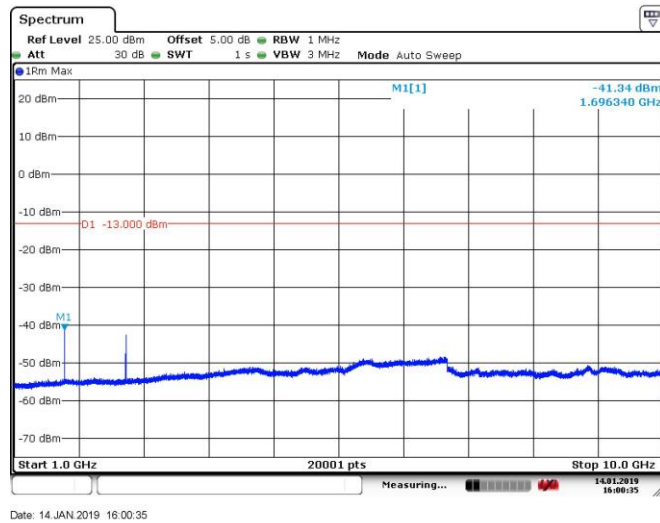
Band26_15MHz_QPSK_26915_1RB#0



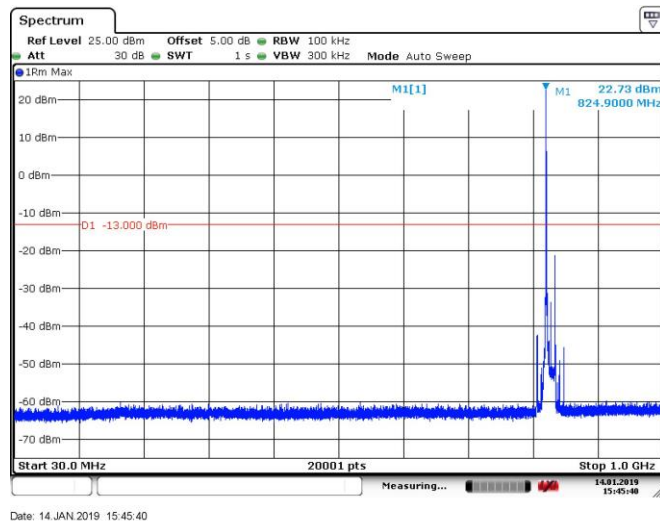
Band26_15MHz_QPSK_26965_1RB#0



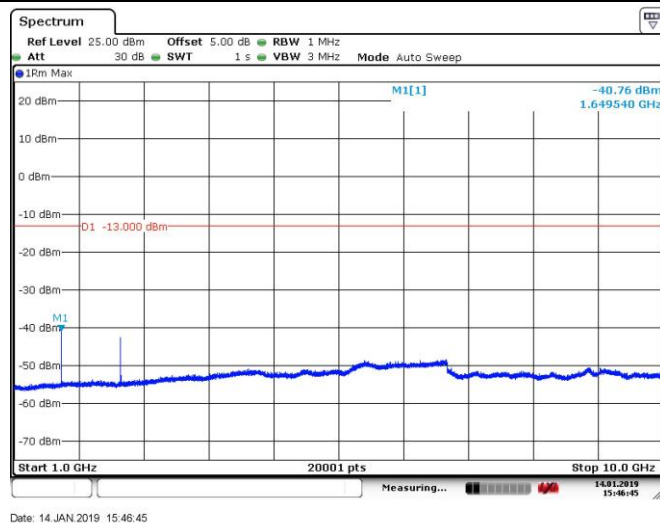
Band26_15MHz_QPSK_26965_1RB#0



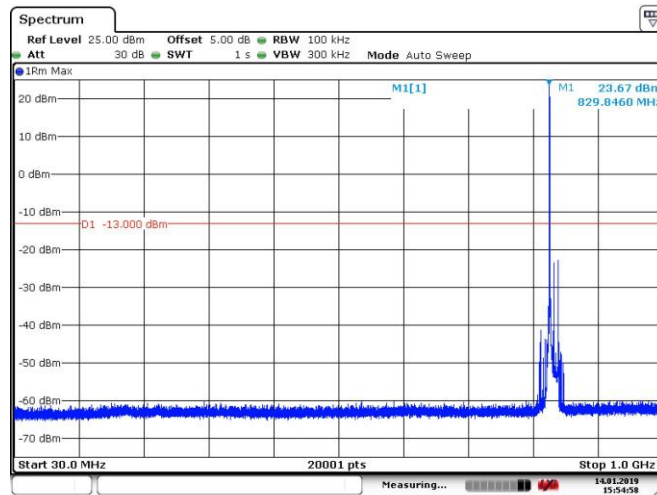
Band26_15MHz_16QAM_26865_1RB#0



Band26_15MHz_16QAM_26865_1RB#0

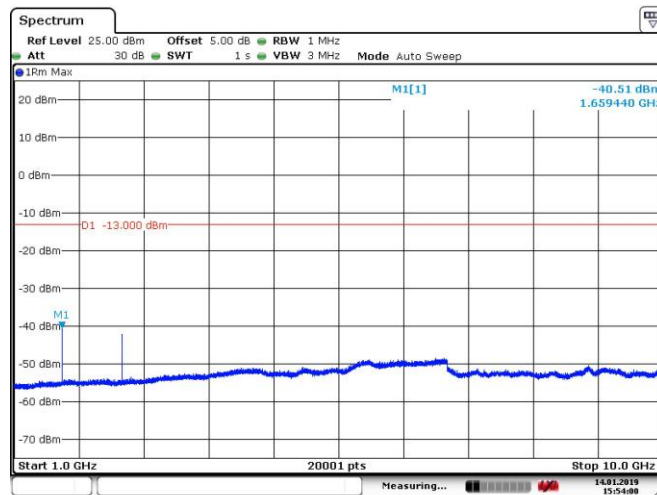


Band26_15MHz_16QAM_26915_1RB#0



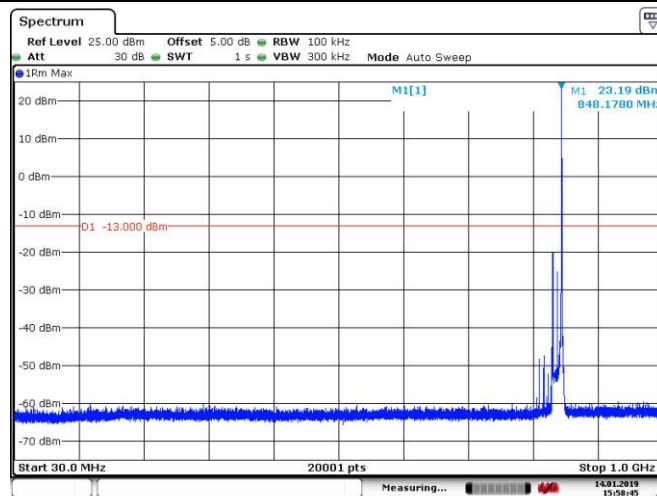
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Band26_15MHz_16QAM_26915_1RB#0



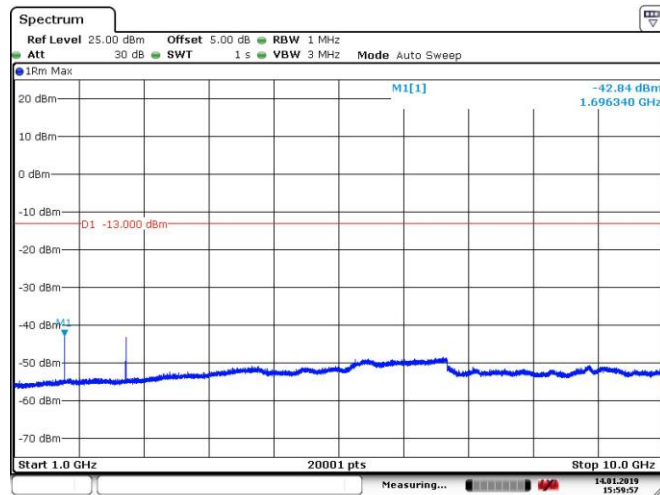
Date: 14.JAN.2019 15:54:00

Band26_15MHz_16QAM_26965_1RB#0



Date: 14.JAN.2019 15:58:45

Band26_15MHz_16QAM_26965_1RB#0



Date: 14.JAN.2019 15:59:57

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	15MHz	QPSK	26865	75RB#0	VH	NT	-0.34	-0.000410	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VL	NT	4.93	0.005925	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VN	NT	5.04	0.006060	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	9.56	0.011427	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	1.12	0.001340	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	-8.43	-0.010083	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VH	NT	8.74	0.010387	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VL	NT	11.42	0.013574	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VN	NT	14.11	0.016768	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VH	NT	-5.27	-0.006339	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VL	NT	-6.31	-0.007592	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VN	NT	7.74	0.009308	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VH	NT	8.71	0.010410	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VL	NT	-6.81	-0.008147	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VN	NT	-4.39	-0.005253	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VH	NT	4.86	0.005774	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VL	NT	12.89	0.015316	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VN	NT	7.05	0.008383	±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	15MHz	QPSK	26865	75RB#0	NV	-30	9.17	0.011024	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	-20	2.28	0.002745	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	0	-1.42	-0.001707	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	10	-6.98	-0.008392	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	20	6.38	0.007667	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	30	11.57	0.013917	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	40	3.37	0.004058	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	50	13.89	0.016700	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-30	7.54	0.009014	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-20	-7.23	-0.008647	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	2.75	0.003287	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	8.09	0.009674	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	-7.95	-0.009510	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	-10.83	-0.012941	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	11.50	0.013749	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	2.26	0.002698	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-30	8.77	0.010424	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-20	-12.37	-0.014697	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	0	3.59	0.004266	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	10	2.95	0.003500	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	20	-7.75	-0.009205	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	30	11.47	0.013631	±2.5	PASS

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Band26	15MHz	QPSK	26965	75RB#0	NV	40	-9.53	-0.011321	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	50	9.12	0.010839	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-30	2.84	0.003414	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-20	4.43	0.005331	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	0	9.03	0.010857	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	10	-3.21	-0.003864	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	20	9.39	0.011292	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	30	11.53	0.013870	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	40	-12.99	-0.015622	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	50	0.72	0.000870	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-30	11.24	0.013433	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-20	0.65	0.000780	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	0	1.48	0.001763	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	10	-2.30	-0.002749	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	20	10.54	0.012596	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	30	-7.98	-0.009535	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	40	9.40	0.011242	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	50	6.36	0.007601	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-30	-8.00	-0.009508	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-20	-10.80	-0.012839	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	0	-5.60	-0.006658	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	10	14.95	0.017772	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	20	-11.90	-0.014137	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	30	6.81	0.008096	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	40	10.20	0.012125	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	50	5.56	0.006603	±2.5	PASS

The End